

SUMMARY OF QUANTITIES

GENERAL NOTES

- BEFORE STARTING WORK, THE CONTRACTOR SHALL CALL JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION (J.U.L.I.E.) AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED UTILITIES. 72 HOUR ADVANCE NOTIFICATION IS REQUIRED.
- THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES AS REQUIRED.
- THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
- THE CONTRACTOR SHALL SWEEP AND CLEAN THE PAVEMENT SURFACE PER ARTICLE 107.15 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER.
- DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS. STATIONS ARE SHOWN FOR REFERENCE ONLY AND ARE APPROXIMATE.
- BEFORE BEGINNING WORK, THE CONTRACTOR SHALL RETAIN AND RECORD (FOR FUTURE REFERENCES), ALL EXISTING PAVEMENT MARKING LINES IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL STRIPING SHALL BE AS DIRECTED BY THE ENGINEER.
- ALL PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE PROJECT ACCORDING TO DISTRICT ONE TYPICAL PAVEMENT MARKINGS.
- ALL GUARDRAIL, CURB, AND PAVED DITCH REPLACEMENT LIMITS WILL BE VERIFIED IN THE FIELD BY THE ENGINEER.
- DRAINAGE STRUCTURE ADJUSTMENTS AND CLEANING WILL BE VERIFIED IN THE FIELD BY THE ENGINEER.
- SAW CUTTING PRIOR TO ANY REMOVAL ITEMS NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER SHALL BE CONSIDERED INCLUDED IN THE COST OF THE ITEMS BEING REMOVED.
- THE CONTRACTOR SHALL USE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
- TRAFFIC CONTROL AND PROTECTION REQUIRED FOR PROTECTIVE SHIELD INSTALLATION, PROTECTION AND MAINTENANCE OF EXISTING UNDERPASS LIGHTING, BEARING REPLACEMENT OR SUBSTRUCTURE CONCRETE REPAIR IS INCLUDED IN "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)". DISTRICT ONE DETAIL TC-17, TRAFFIC CONTROL DETAILS FOR FREEWAY SHOULDER CLOSURES PARTIAL RAMP CLOSURES, SHALL BE USED FOR CLOSING THE WB I-290 RIGHT SHOULDER FOR THE BEARING REPLACEMENT AND SUBSTRUCTURE CONCRETE REPAIR AT PIER 3.

HOT-MIX ASPHALT REQUIREMENTS

(FOR APPROACH PAVEMENT AND SHOULDER RESURFACING)

| MIXTURE TYPE | THICKNESS | VOIDS |
|----------------------------------------------------------|---------------|-------------|
| HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 (IL 9.5 mm) | 1 1/2" | 4% @ 70 GYR |
| LEVELING BINDER (MACHINE METHOD), N70 (IL 9.5 mm) | 3/4" - 2 1/4" | 4% @ 70 GYR |

THE UNIT WEIGHT USED TO CALCULATE ALL HMA MIXTURE QUANTITIES IS 112 LBS/SQYD/IN.

THE "AC TYPE" FOR NON-POLYMERIZED HMA MIXES SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.

FOR "PERCENT OF RAP", SEE DISTRICT ONE SPECIAL PROVISIONS.

| SPECIALTY ITEM | CODE NUMBER | ITEM | UNIT | URBAN TOTAL QUANTITY | ROADWAY | BRIDGE |
|----------------|-------------|-------------------------------------------------------------------------|--------|----------------------|------------|------------|
| | | | | | 100% STATE | 100% STATE |
| | 28000510 | INLET FILTERS | EACH | 4 | 4 | X271-2A |
| | 40600100 | BITUMINOUS MATERIALS (PRIME COAT) | GALLON | 60 | 60 | |
| | 40600635 | LEVELING BINDER (MACHINE METHOD), N70 | TON | 32 | 32 | |
| | 40600982 | HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT | SQ YD | 301 | 301 | |
| | 40603340 | HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N70 | TON | 26 | 26 | |
| | 44004000 | PAVED DITCH REMOVAL | FOOT | 97 | 97 | |
| | 50102400 | CONCRETE REMOVAL | CU YD | 23.2 | | 23.2 |
| | 50157300 | PROTECTIVE SHIELD | SQ YD | 2,933 | | 2,933 |
| | 50300255 | CONCRETE SUPERSTRUCTURE | CU YD | 26.9 | | 26.9 |
| | 50300260 | BRIDGE DECK GROOVING | SQ YD | 2,384 | | 2,384 |
| | 50300300 | PROTECTIVE COAT | SQ YD | 2,986 | | 2,986 |
| | 50300530 | FLOOR DRAIN EXTENSION | EACH | 6 | | 6 |
| | 50500405 | FURNISHING AND ERECTING STRUCTURAL STEEL | POUND | 3,950 | | 3,950 |
| | 50500715 | JACK AND REMOVE EXISTING BEARINGS | EACH | 12 | | 12 |
| | 50800205 | REINFORCEMENT BARS, EPOXY COATED | POUND | 2,940 | | 2,940 |
| | 52000110 | PREFORMED JOINT STRIP SEAL | FOOT | 115.0 | | 115.0 |
| | 52100020 | ELASTOMERIC BEARING ASSEMBLY, TYPE II | EACH | 12 | | 12 |
| | 52100520 | ANCHOR BOLTS, 1" | EACH | 12 | | 12 |
| | 52100540 | ANCHOR BOLTS, 1 1/2" | EACH | 12 | | 12 |
| | 58700300 | CONCRETE SEALER | SQ FT | 797 | | 797 |
| | 60300105 | FRAMES AND GRATES TO BE ADJUSTED | EACH | 4 | 4 | |
| | 63300540 | REMOVAL AND REPLACEMENT OF STEEL PLATE BEAM GUARD RAIL, SINGLE RAIL | FOOT | 13 | 13 | |
| | 67000200 | ENGINEER'S FIELD OFFICE, TYPE A | CAL MO | 4 | 4 | |
| | 67100100 | MOBILIZATION | L SUM | 1 | 1 | |
| | 70102550 | TRAFFIC CONTROL AND PROTECTION FOR TEMPORARY DETOUR | EACH | 1 | 1 | |
| | 70106800 | CHANGEABLE MESSAGE SIGN | CAL MO | 9 | 9 | |
| | 70300240 | TEMPORARY PAVEMENT MARKING - LINE 6" | FOOT | 500 | 500 | |
| | 70400100 | TEMPORARY CONCRETE BARRIER | FOOT | 500 | 500 | |
| * | 78000200 | THERMOPLASTIC PAVEMENT MARKING - LINE 4" | FOOT | 400 | 400 | |
| * | 78008210 | POLYUREA PAVEMENT MARKING TYPE I - LINE 4" | FOOT | 2,106 | 2,106 | |
| * | 78100100 | RAISED REFLECTIVE PAVEMENT MARKER | EACH | 4 | 4 | |
| * | 78100105 | RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE) | EACH | 12 | 12 | |
| * | 78200530 | BARRIER WALL MARKERS, TYPE C | EACH | 40 | 40 | |
| * | 78300200 | RAISED REFLECTIVE PAVEMENT MARKER REMOVAL | EACH | 4 | 4 | |
| | XZ193500 | BRIDGE DECK <i>MICROSILICA</i> CONCRETE OVERLAY, 2 1/4" | SQ YD | 2,466 | | 2,466 |
| * | X0323574 | MAINTENANCE OF LIGHTING SYSTEM | CAL MO | 3 | 3 | |
| | X0325115 | ADJUSTING DRAINAGE SCUPPERS, TYPE B | EACH | 4 | | 4 |
| | X0325305 | STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES) | SQ FT | 191 | | 191 |
| | X0328653 | PAVED DITCH (SPECIAL) | SQ YD | 23 | 23 | |
| | X0328765 | CLEANING AND PAINTING EXPOSED REBAR (SPECIAL) | SQ FT | 50 | | 50 |
| | X7011015 | TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) | L SUM | 1 | 1 | |
| | X7013820 | TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS | CAL DA | 30 | 30 | |
| | X8210305 | PROTECTION AND MAINTENANCE OF EXISTING UNDERPASS LIGHTING | L SUM | 1 | 1 | |
| | Z0006204 | BRIDGE DECK HYDRO-SCARIFICATION, 1/2" | SQ YD | 2,466 | | 2,466 |
| | Z0013798 | CONSTRUCTION LAYOUT | L SUM | 1 | 1 | |
| | Z0016001 | DECK SLAB REPAIR (FULL DEPTH, TYPE I) | SQ YD | 5.0 | | 5.0 |
| | Z0016002 | DECK SLAB REPAIR (FULL DEPTH, TYPE II) | SQ YD | 9.3 | | 9.3 |
| | Z0018500 | DRAINAGE STRUCTURES TO BE CLEANED | EACH | 1 | 1 | |
| | Z0030260 | IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3 | EACH | 1 | 1 | |
| | Z0053750 | RETROFIT CONCRETE PARAPET | FOOT | 1,035 | | 1,035 |

| | | |
|------------------------|----------------|-----------|
| FILE NAME = | DESIGNED - EJA | REVISED - |
| | DRAWN - EJA | REVISED - |
| USER NAME = | CHECKED - AJP | REVISED - |
| PLOT DATE = 03/22/2010 | DATE - 3/19/10 | REVISED - |

benesch

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES, SUMMARY OF QUANTITIES
& HMA REQUIREMENTS**

**Specialty Items*

SCALE: N.T.S. SHEET NO. 1 OF 1 SHEETS STA. TO STA.

| | | | | |
|-----------------------------------------------|-------------------|---------------|--------------------|-------------|
| F.A.I. RTE. 290 | SECTION 2009-115I | COUNTY DUPAGE | TOTAL SHEETS 27 | SHEET NO. 2 |
| FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT | | | CONTRACT NO. 60J34 | |