

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
Hot-Mix Asphalt Surface Course, Mix "D", N70 (1L, 9.5mm)	4% @ 70 Gyr.

The unit weight used to calculate all HMA Surface mixture quantities is 112 Lbs./Sq. Yd./In.

DEX OF SHEETS

- Title Sheet
- Index of Sheets, State Standards,
- General Notes and Summary of Quantities
- Maintenance of Traffic
- \* 3-4 Structure Plans S1-S10
- 5-14 District One Standards
- 15-16 Highway Standards

\* Added 4A, 4B.

INDEX OF HIGHWAY STANDARDS

Standard No.	Description
600001	Standard Symbols, Abbreviations, And Patterns
600002	Areas Of Reinforcement Rebars
600003	Pavement Joints
600004	Name Plate For Bridge
600005	Steel Plate Beam Guardrail
701301	Lane Closure, 2L, 2W, Short Time Operations
701306	Lane Closure, 2L, 2W, Slow Moving Operations, Day Only
701321	Lane Closure, 2L, 2W, Bridge Repair with Barrier
701501	Urban Lane Closure, 2L, 2W, Undivided
701502	Urban Lane Closure, 2L, 2W, Bidirectional Left Turn
701602	Urban Lane Closure, Multilane 2W, Bidirectional Left Turn
701606	Urban Lane Closure, Multilane 2W, with Mountable Median
701801	Traffic Control Devices
704001	Temporary Concrete Barrier
780001	Typical Pavement Markings
781001	Typical Applications Raised Reflective Pavement Markers

GENERAL NOTES

- These plans have been prepared from notes received from IDOT Field Maintenance Engineers.
- 20 (3 m) transitions shall be used to match proposed items of work to existing items in the field, unless otherwise shown. The transitions shall be paid for at the contract unit price for the proposed item of work specified.
- Where artificial lighting is utilized in night operations, the Contractor shall exercise the utmost precautions in preventing adverse visibility to the motoring public and adjoining residential areas.
- The engineer shall be the sole judge concerning curing time for the various hot-mix asphalt lifts.
- For stabilization, all Type III barricades shall require a minimum of four (4) sandbags per barricade.
- The Resident Engineer must contact the Traffic Control Supervisor at (847)705-4470 at least 72 hours prior to installation of the temporary control devices.
- The Resident Engineer shall contact the Area Traffic Field Engineer at (847)715-8419 at least two (2) weeks prior to the placement of permanent pavement markings.
- All pavement markings and raised reflectors affected by the bridge repairs shall be replaced. Nominal quantities have been included in the contract for this work.
- Contractor will not be allowed to set up yard or field office on State property without written permission from the Department.
- Scale these plans for construction purposes.
- Dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting construction and make necessary approved adjustments prior to construction or use of materials. Such variations shall not be cause for additional compensation change in scope of the work. However, the Contractor will be paid for the quantity actually furnished based upon the unit price bid for the work.
- During construction operations, loose material deposits that obstruct the flow of water in draining the area shall be removed before the end of each work day. At the conclusion of construction operations, all drainage structures (new and existing) shall be free from all dirt and debris. This work will not be paid for separately but shall be considered incidental to the contract.
- All Type I and Type II barricades shall have two (2) sandbags on the bottom rail.
- The quantities for Hot-Mix Asphalt Surface Removal (Deck); Hot-Mix Asphalt Surface Removal, 1/2"; and Hot-Mix Asphalt Surface Course, Mix "D", N70 have been prepared assuming 1/2 inch thick hot-mix asphalt overlays. Removal and replacement of the entire thickness of existing overlay is required.
- Before ordering storm sewers, catch basins, pipe culverts, pipe drains, and manholes, the contractor shall contact the engineer as to the exact length and quantity required.
- All raised reflective pavement markers (bridge) shall be low profile.

CODE	ITEM DESCRIPTION	UNIT	QUANTITY	URBAN QUANTITY	CONST. TYPE CODE STRUCTURE X2B1-2A FEDERAL 803 STA 20%
40600100	Bituminous Materials (Prime Coat)	Gallon	23		23
40603340	Hot-Mix Asphalt Surface Course, Mix "D", N70	Ton	19		19
42001300	Protective Coat	Sq.Yd.	790		790
44000155	Hot-Mix Asphalt Surface Removal, 1 1/2"	Sq.Yd.	224		224
44000915	Hot-Mix Asphalt Surface Removal (Deck)	Sq.Yd.	58		58
50102400	Concrete Removal	Cu.Yd.	29.8		29.8
50300100	Floor Drains	Each	8		8
50300255	Concrete Superstructure	Cu.Yd.	29.8		29.8
50300260	Bridge Deck Grooving	Sq.Yd.	555		555
50500405	Furnishing and Erecting Structural Steel	Pound	2,620		2,620
50500715	Jack and Remove Existing Bearings	Each	18		18
50800205	Reinforcement Bars, Epoxy Coated	Pound	2,140		2,140
50800515	Bar Splicers	Each	22		22
52000110	Preformed Joint Strip Seal	Foot	120		120
52100010	Elastomeric Bearing Assembly, Type I	Each	18		18
52100520	Anchor Bolts, 1"	Each	36		36
67000400	Engineer's Field Office, Type A	Cal.Mo.	3		3
67100100	Mobilization	LSum	1		1
70101800	Traffic Control and Protection, (Special)	LSum	1		1
70301000	Work Zone Pavement Marking Removal	Sq.Ft.	2,400		2,400
70400100	Temporary Concrete Barrier	Foot	160		160
70400200	Relocate Temporary Concrete Barrier	Foot	160		160
78000200	Thermoplastic Pavement Marking - Line 4"	Foot	2,500		2,500
78008210	Polyurea Pavement Marking, Type I - Line 4"	Foot	300		300
78100105	Raised Reflective Pavement Marker (Bridge)	Each	10		10
78100200	Temporary Raised Reflective Pavement Marker	Each	10		10
78300100	Pavement Marking Removal	Sq.Ft.	900		900
78300200	Raised Reflective Pavement Marker Removal	Each	25		25
85000300	Maintenance of Existing Traffic Signal Installation	L Sum	1		1
89000100	Temporary Traffic Signal Installation	Each	1		1
X0322185	Bridge Deck Latex Concrete Overlay, 2 1/4 Inches	Sq.Yd.	580		580
X0322256	Temporary Information Signing	Sq.Ft.	50		50
X0325305	Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches)	Sq.Ft.	145		145
X0325775	Wet Reflective Temporary Tape, Type III, 4 Inch	Foot	2,400		2,400
X0325841	Wet Reflective Temporary Tape, Type III, 24 Inch	Foot	45		45
X0326766	Clean & Reseal Relief Joint	Foot	96		96
Z0006204	Bridge Deck Hydro-Scarification 1/2"	Sq Yd	580		580
Z0016002	Deck Slab Repair (Full Depth, Type II)	Sq Yd	24		24
Z0030250	Impact Attenuators, Temporary (Non-Reflective), Test Level 3	Each	2		2
X0325787	Temporary Traffic Signal Timing	Each	1		1
Z0030350	Impact Attenuators, Relocate (Non-Reflective), Test Level 3	Each	2		2

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Rev. 4-1-10

DESIGNED - J.W. KOONCE	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES, INDEX OF SHEETS, SUMMARY OF QUANTITIES			F.A. RTE. 1620	SECTION 431-1	COUNTY	TOTAL SHEETS 16	SHEET NO. 2
DRAWN - V. CHAVEZ	REVISED -		FAU 1620 /M/ RGARET STREET AT THORN CREEK							
CHECKED - J.W. KOONCE	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO S							
DATE - JANUARY, 2010	REVISED -		ILLINOIS							