

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

CONSTR. TYPE CODE
STRUCTURE X081-2A
FEDERAL 80%
STATE 20%

INDEX OF SHEETS

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INDEX OF HIGHWAY STANDARDS

Standard No.	Description
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101001-02	Areas Of Reinforcement Rebars
40101-07	Pavement Joints
701301-03	Lane Closure, 2L, 2W, Short Time Operations
701306-02	Lane Closure, 2L, 2W, Slow Moving Operations, Day Only
701321	Lane Closure, 2L, 2W, Bridge Repair with Barrier
701501	Urban Lane Closure, 2L, 2W, Unidirectional
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701606-04	Urban Lane Closure, Multilane 2W, with Mountable Median
701901-01	Traffic Control Devices
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780001	Typical Pavement Markings
781001	Typical Applications Raised Reflective Pavement Markers

GENERAL NOTES

1. These plans have been prepared from notes received from IDOT Field Maintenance Engineers.
2. 10 ft (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.
3. 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.
4. The engineer shall be the sole judge concerning curing time for the various hot-mix asphalt lifts.
5. For stabilization, all Type III barricades shall require a minimum of four (4) sandbags per barricade.
6. 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.
7. The Resident Engineer shall contact the Area Traffic Field Engineer (Patrice Harris) at (708) 597-9800 at least two (2) weeks prior to the placement of permanent pavement markings.
8. All pavement markings and raised reflectors affected by the bridge repairs shall be repaired. Nominal quantities have been included in the contract for this work.
9. The Contractor will not be allowed to set up a yard or field office on State property without written permission from the Department.
10. Scale these plans for construction purposes.
11. All dimensions and details relative to existing plans are subject to routine field verifications. The Contractor shall field verify existing dimensions and details affecting construction and make necessary adjustments prior to construction or procurement of materials. Such variations shall be cause for additional compensation for 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.
12. 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.
13. All Type I and Type II barricades shall have two (2) sandbags on the bottom rail.
14. The quantities for Hot-Mix Asphalt Surface Removal (Deck); Hot-Mix Asphalt Surface Removal, 1 1/2"; and Hot-Mix Asphalt Surface Course, Mix "D", N70 have been prepared assuming 1 1/2 inch thick hot-mix asphalt overlays. Removal and replacement of the entire thickness of existing overlay is required.
15. All raised reflective pavement markers (bridge) shall be low profile.
16. Before beginning any work, the Contractor shall retain and record for future reference, all existing pavement marking lines, symbols and letters (and raised reflective markers) in order that these locations can be re-established for striping. Exact locations of all pavement markings and raised reflective pavement markers shall be as directed by the Engineer.

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

The unit weight used to calculate all HMA surface mixture quantities is 112 Lbs./sq. yd./in.

CODE	ITEM DESCRIPTION	UNIT	QUANTITY	URBAN
40603340	Hot-Mix Asphalt Surface Course, Mix "D", N70	Ton	44	44
42001300	Protective Coat	Sq.Yd.	287	287
44000155	Hot-Mix Asphalt Surface Removal, 1 1/2"	Sq.	518	518
44000915	Hot-Mix Asphalt Surface Removal (Deck)	Sq.Yd.	240	240
50300260	Bridge Deck Grooving	Sq.Yd.	231	231
67000400	Engineer's Field Office, Type A	CALMO	3	3
67100100	Mobilization	L SUM	1	1
70101800	Traffic Control and Protection, (Special)	L SUM	1	1
70301000	Work Zone Pavement Marking Removal	Sq. Yd.	2,700	2,700
70400100	Temporary Concrete Barrier		260	260
70400200	Relocate Temporary Concrete Barrier		260	260
* 78000200	Thermoplastic Pavement Marking - Line 4"		4,300	4,300
* 78008210	Polyurea Pavement Marking, Type I - Line 4"		110	110
* 78100100	Raised Reflective Pavement Marker		40	40
* 78100105	Raised Reflective Pavement Marker (Bridge)	Each	16	16
78100200	Temporary Raised Reflective Pavement Marker	Each	56	56
78300100	Pavement Marking Removal	Sq.Ft.	1,500	1,500
78300200	Raised Reflective Pavement Marker Removal	Each	56	56
X0320887	Polymer Concrete	Cu.Ft.	9.3	9.3
X0322185	Bridge Deck Latex Concrete Overlay, 2 1/4 Inches	Sq.Yd.	240	240
X0322256	Temporary Information Signing	SQFT	50	50
X0325305	Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches)	SQFT	9	9
X0325775	Wet Reflective Temporary Tape, Type III, 4 Inch	Foot	8,000	8,000
X0326766	Clean & Reseal Relief Joint	Foot	198	198
Z0001800	Approach Slab Repairs (Partial Depth)	Sq.Yd.	46	46
Z0006204	Bridge Deck Hydro-Scarification 1/2"	Sq.Yd.	240	240
Z0016002	Deck Slab Repair (Full Depth, Type II)	Sq.Yd.	22	22
Z0030250	Impact Attenuators, Temporary (Non-Reflective), Test Level 3	Each	2	2
Z0030350	Impact Attenuators, Relocate (Non-Reflective), Test Level 3	Each	2	2
40600100	Bituminous Materials (Prime Coat)	Gallon	53	53
* Specialty Items				