

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

CONSTR. TYPE CODE
STRUC. CODE
Y08-2A

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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 (Walter Czorny) at (847)715-8419 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 replaced. 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. Do not scale these plans for construction purposes.
11. Plan dimensions and details relative to existing plans are subject to routine variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a 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, 1/2"; and Polymerized Hot-Mix Asphalt Surface Course, Mix "F", N90 have been prepared assuming 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
Polymerized Hot-Mix Asphalt Surface Course, Mix "F", N90 (IL 9.5mm)	4% @ 70 Gyr.

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

CODL	ITEM DESCRIPTION	UNIT	QUANTITY	URBAN
40600100	Bituminous Materials (Prime Coat)	Gallon	25	25
40603595	Polymerized Hot-Mix Asphalt Surface Course, Mix "F", N90	Ton	21	21
42001300	Protective Coat	Sq. Yd.	203	203
44000155	Hot-Mix Asphalt Surface Removal, 1 1/2"	Sq. Yd.	245	245
44000915	Hot-Mix Asphalt Surface Removal (Deck)	Sq. Yd.	172	172
50102100	Concrete Removal	Cu. Yd.	12	12
50300255	Concrete Superstructure	Cu. Yd.	7	7
50300260	Bridge Deck Grooving	Sq. Yd.	165	165
50800105	Reinforcement Bars, Epoxy Coated	Pound	1,270	1,270
67000400	Engineer's Field Office, Type A	Cal. Mo.	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. Ft.	1,652	1,652
70400100	Temporary Concrete Barrier	Foot	88	88
70400200	Relocate Temporary Concrete Barrier	Foot	68	68
* 78000200	Thermoplastic Pavement Marking - Line 4"	Foot	1,590	1,590
* 78008210	Polyurea Pavement Marking, Type I - Line 4"	Foot	70	70
* 78100100	Raised Reflective Pavement Marker	Each	10	10
* 78100105	Raised Reflective Pavement Marker (Bridge)	Each	10	10
78100200	Temporary Raised Reflective Pavement Marker	Each	10	10
78300100	Pavement Marking Removal	Sq. Ft.	553	553
78300200	Raised Reflective Pavement Marker Removal	Each	25	25
X0320815	Polymer Concrete	Cu. Ft.	7	7
X0322185	Bridge Deck Latex Concrete Overlay, 2 1/4 Inches	Sq. Yd.	160	160
X0322256	Temporary Information Signing	Sq. Ft.	50	50
X0325305	Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches)	Sq. Ft.	92	92
X0325775	Wet Reflective Temporary Tape, Type III, 4 Inch	Foot	4,955	4,955
X0326766	Clean & Reseal Relief Joint	Foot	110	110
Z0001800	Approach Slab Repairs (Partial Depth)	Sq. Yd.	1	1
Z0006204	Bridge Deck Hydro-Scarification 1/2"	Sq. Yd.	172	172
Z0016002	Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	14	14
Z0030250	Impact Attenuators, Temporary (Non-Redirective), Test Level 3	Each	2	2
Z0030350	Impact Attenuators, Relocate (Non-Redirective), Test Level 3	Each	2	2
X0325837	Wet Reflective Temporary Tape, Type III, 6 Inch	Foot	25	25
X0325137	TEMPORARY TRAFFIC SIGNAL TIMING	Each	1	1
* Specialty Items				