

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

CONSTR. TYPE
STRUCTURE **X001-2A**
FEDERAL **80%**
STATE **20%**

INDEX OF SHEETS

- 1 Title Sheet
- 2 Index of Sheets, State Standards, General
- 3 Notes and Summary of Quantities
- 4 Maintenance of Traffic
- 5-13 Structure Plans S1-S9
- 14-15 District One Details Highway Standards

INDEX OF HIGHWAY STANDARDS

Standard No.	Description
000001	Standard Symbols, Abbreviations And Patterns
001001	Areas Of Reinforcement Rebars
420001	Pavement Joints
515001	Name Plate For Bridge
630001	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
701901	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.
- 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.
- 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 sandbags per barricade.
- The Resident Engineer must contact the Traffic Control Supervisor at (847)705-4479 at least 72 hours prior to installation of the temporary control devices.
- 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.
- 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.
- The Contractor will not be allowed to set up a yard or field office on State property without written permission from the Department.
- Do not scale these plans for construction purposes.
- 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 appropriate 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.

HOT-MIX ASPHALT MIXTURE REQUIREMENTS	
MIXTURE TYPE	AIR VOIDS @ Ndes
Polymerized Hot-Mix Asphalt Surface Course, Mix "F", N90 (1L 9.5mm)	4% @ 70 Gyr.

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

- 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 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.
- All raised reflective pavement markers (bridge) shall be low profile.
- Special attention is called to Article 107.12 regarding railroad flaggers. The name and telephone number of the railroad engineer is
- 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.

CODE	ITEM DESCRIPTION	UNIT	QUANTITY	URBAN
40603595	Polymerized Hot-Mix Asphalt Surface Course, Mix "F", N90	Ton	42	42
42001300	Protective Coat	Sq. Yd.	790	790
44000155	Hot-Mix Asphalt Surface Removal, 1 1/2"	Sq. Yd.	500	500
50102400	Concrete Removal	Cu. Yd.	27	27
50300255	Concrete Superstructure	Cu. Yd.	27	27
50300260	Bridge Deck Grooving	Sq. Yd.	411	411
50500715	Jack and Remove Existing Bearings	Each	16	16
50800205	Reinforcement Bars, Epoxy Coated	Pound	8497	8497
50800515	Bar Splicers	Each	44	44
52000110	Preformed Joint Strip Seal	Foot	196	196
52100015	Elastomeric Bearing Assembly, TYPE I (Special)	Each	16	16
52100520	ANCHOR Bolts, 1"	EACH	32	32
67000400	Engineer's Field Office, Type A	CAL MO	4	4
67100100	Mobilization	L SUM	1	1
70101800	Traffic Control and Protection, (Special)	L SUM	1	1
70301000	Work Zone Pavement Marking Removal	SQ.FT	760	760
70400100	Temporary Concrete Barrier	FOOT	380	380
70400200	Relocate Temporary Concrete Barrier	FOOT	380	380
78000200	Thermoplastic Pavement Marking-Line 4	FOOT	310	310
78008210	Polyurea Pavement Marking, Type I-Lin	FOOT	40	40
78100100	Raised Reflective Pavement Marker	Each	25	25
78100105	Raised Reflective Pavement Marker (Bridge)	Each	25	25
78100200	Temporary Raised Reflective Pavement Marker	Each	25	25
78300100	Pavement Marking Removal	Sq. Ft.	115	115
78300200	Raised Reflective Pavement Marker Removal	Each	25	25
X0322256	Temporary Information Signing	Sq. Ft.	50	50
X0325305	Structural Repair of Concrete (Depth Equal To or Less Than 5 Inches)	Sq. Ft.	28	28
X0325775	Wet Reflective Temporary Tape, Type III, 4 Inch	Foot	2300	2300
X0326346	Bridge Deck Latex Concrete Overlay, 3" INCHES	Sq. Yd.	396	396
X0326766	Clean & Reseal Relief Joint	Foot	110	110
Z0001800	Approach Slab Repair, (Partial Depth)	Sq. Yd.	5	5
Z0006229	Bridge Deck Hydro-Scarification 3"	Sq. Yd.	444	444
Z0030250	Impact Attenuators, Temporary (Non Redirective), Test Level 3	Each	2	2
Z0030350	Impact Attenuators, Relocate (Non Redirective), Test Level 3	Each	2	2
Z0048665	Railroad Protective Liability Insurance	L Sum	1	1
40600100	Bituminous Materials (Prime Coat)	Gallon	50	50

USER NAME: [blank]	DESIGNED: A. [blank]	REVISED: [blank]
PLOT SCALE: [blank]	CHECKED: J. Hamelka	REVISED: [blank]
PLOT DATE: January 29, 2010	DATE: JANUARY, 2010	REVISED: [blank]

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL NOTES, INDEX OF SHEETS
F.A.P. 377/L 58 (DEMPSTER ST) AT NORTH BRANCH CHICAGO RIVER

SCALE: N/A SHEET NO. 1 OF 1 SHEETS STA. 149+88.00 TO STA. 150+64.25

F.A.P. RTE. 377

TOTAL SHEETS	TOTAL SHEET NO.
15	2
CONTRACT NO. 6CJ50	

Rev.