

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

INDEX OF SHEETS

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INDEX OF HIGHWAY STANDARDS

Standard No.	Description
000001-05	Standard Symbols, Abbreviations And Patterns
001001-02	Areas Of Reinforcement Rebars
420001-07	Pavement Joints
515001-03	Name Plate For Bridge
630001-08	Steel Plate Beam Guardrail
780001-02	Typical Pavement Markings
781001-03	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)705-4470 at least 72 hours prior to installation of the temporary control devices.
  - The Resident Engineer shall contact the Area Traffic Field Engineer at (847)438-2300 (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.
  - Dimensions and details relative to existing plans are subject to routine verifications. 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 be the cause for additional compensation or 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.
  - 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.
  - 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.
  - Special attention is called to Article 107.12 regarding railroad flaggers. The name and telephone number of the railroad engineer is Jon Griffith (708)332-6581.
  - The Contractor is required to coordinate with the Lake County Department of Transportation when working with the existing traffic signals at the intersections of IL 137 and IL 176 with IL 131. This coordination shall be considered incidental to the contract.
  - 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	CONTRACT QUANTITY
28100105	Stone Riprap, Class A3	Ton	60	60
40603340	Hot-Mix Asphalt Surface Course, Mix "D", N70	Ton	14	14
42001300	Protective Coat	Sq.Yd.	642	642
44000155	Hot-Mix Asphalt Surface Removal, 1 1/2"	Sq. Yd.	81.7	81.7
44000915	Hot-Mix Asphalt Surface Removal (Deck)	Sq. Yd.	506.7	506.7
50102400	Concrete Removal	Cu. Yd.	2.4	2.4
50157300	Protective Shield	Sq. Yd.	212.2	212.2
50300255	Concrete Superstructure	Cu. Yd.	8.4	8.4
50300260	Bridge Deck Grooving	Sq. Yd.	472.9	472.9
50500405	Furnishing and Erecting Structural Steel	Kind	1040	1040
50500715	Jack and Remove Existing Bearings	Each	12	12
50501130	Structural Steel Repair	Kind	4730	4730
50800205	Reinforcement Bars, Epoxy Coated	Kind	1,110	1,110
52000110	Preformed Joint Strip Seal	Linear Feet	70	70
52100010	Elastomeric Bearing Assembly, Type I	Each	6	6
52100020	Elastomeric Bearing Assembly, Type II	Each	6	6
52100520	Anchor Bolts, 1"	Each	24	24
67000400	Engineer's Field Office, Type A	Days	2	2
67100100	Mobilization	Linear Feet	1	1
* 70102550	Traffic Control and Protection for Temporary Detour	Each	1	1
* 78000200	Thermoplastic Pavement Marking - Line 4"	Foot	125	125
* 78008210	Polyurea Pavement Marking, Type I - Line 4"	Foot	608	608
* 78100105	Raised Reflective Pavement Marker (Bridge)	Each	4	4
X0322185	Bridge Deck Latex Concrete Overlay, 2 1/2" thick	Sq.Yd.	506.7	506.7
X0322256	Temporary Information Signing	Sq.Ft.	50	50
X0323080	Drainage Scupper, DS-12	Each	4	4
X0325305	Structural Repair of Concrete (Depth Equivalent or Less Than 5 Inches)	Sq.Ft.	35	35
X0326766	Clean and Reseal Relief Joint	Foot	80	80
Z0006204	Bridge Deck Hyaro-Scarification Layer	Sq.Yd.	506.7	506.7
Z0016001	Deck Slab Repair (Full Depth, Type I)	Sq.Yd.	4	4
Z0018800	Drainage System	Linear Feet	1	1
Z0048665	Railroad Protective Liability Insurance	Linear Feet	1	1
40600100	BITUMINOUS MATERIALS (PRIME COAT)	Gallon	16	16
85000300	MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	L SUM	1	1
X0325757	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2	2
	* Specialty Items			

FILE NO. B162-11	USER NAME	DESIGNED - J.W. KOONCE	REVISED -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>GENERAL NOTES, INDEX OF SHEETS, STATE STANDARDS, AND SOQ</b> <b>FAU 2711/ILL ROUTE 131 (GREEN BAY ROAD) OVER EJ&amp;E RAILROAD</b></p>	F.A.U. RTE. 2711	SECTION K-VB-1	COUNTY LAKE	TOTAL SHEETS 21	SHEET NO. 2
	PROJECT DATE 1/28/2010	DRAWN D. REDZIC	REVISED -		SCALE:			CONTRACT NO. 60963	
	PROJECT DATE 1/28/2010	CHECKED - J.W. KOONCE	REVISED -		SHEET NO. 1 OF 1 SHEETS	STA.	TO 5	ILLINOIS, FED. AID	
	PROJECT DATE 1/28/2010	DATE JANUARY, 2010	REVISED -						