ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 0525	*	WINNEBAGO	157	67
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

* 02-00518-00-BR

SHEET NO. 10
50 SHEETS

94-#5 a_{100}(E) bars at 6" cts. Top -See Cutting Diagram 1
66-#5 a_{102}(E) bars at 8½" cts. Bottom -See Cutting Diagram 3

455-#4 d_{103}(E) bars at 11" cts. Outside Face
455-#5 d_{101}(E) bars at 11" cts. Inside Face

2x2-#6 b_{101}(E) bars
Top of slab over Pier 1

3x13-#5 b_{100}(E) bars
Top of slab

2x4-#6 b_{102}(E) bars
Top of slab Span 3

1'-7"

28'-0"

43'-9" out-to-out Deck

41 Bar Splicers for #5 (E) bars at ±12" cts.
(Typ. each end) Install parallel to beams

A

A

42x2-#6 b_{101}(E) bars at ±12" cts.
Top of slab over Pier 1

47-#6 a_{107}(E) bars at
12" cts. Top (Lap with
alternate a_{100}(E) bars)

370-#6 a_{107}(E) bars at
12" cts. Top (Lap with
alternate a_{106}(E) bars)

1x2-#5 a_{104}(E) bar -Top
1x2-#5 a_{104}(E) bar -Bott.

Bk. of W. Abut.

740-#5 a_{106}(E) bars at 6" cts. Top
522-#5 a_{106}(E) bars at 8½" cts. Bott.

48° (Typ.)

Profile Grade Line
Eastbound Harrison Avenue

42x4-#6 b_{102}(E) bars at ±12" cts.
Top of slab Span 3

MATCH LINE (SEE SHEET 11 OF 50)

37-#5 Bar Splicers (E) Type IV
at 11" cts. Inside Face
37-#4 Bar Splicers (E) Type III
at 11" cts. Outside Face

455-#4 Bar Splicers (E) Type I
at 11" cts. Outside Face
455-#5 Bar Splicers (E) Type II
at 11" cts. Inside Face

14'-9" 14'-9"

Aluminum sheeted
construction joints
in base of parapet.
See Sheet 16 of 50
for details

6" ϕ Floor Drain (Typ.)

13'-4" 13'-4" 15'-8" 16'-6" 12'-6"

Aluminum sheeted construction
joints in base of parapet. See
Sheet 16 of 50 for details

1'-7"

12'-7"

See Sheet 16 of
50 for parapet
details at light
poles. (Typ.)

46-#5 b_{100}(E) bars at 12" cts.
Top of slab. Lap with #5 b_{100}(E)
bars. (Typ. Each End)

46x14-#5 b_{100}(E) bars spaced as shown in cross section
Bottom of slab

43x13-#5 b_{100}(E) bars equally spaced at ±12" cts.
Top of slab

32'-0" 22'-7"

18'-7"

℄ Brg. Pier 1

℄ Brg. Pier 2

℄ Brg. Pier 3

455-#4 d_{105}(E) bars at 11" cts.

1'-6" 6"

Bridge Fence Post Spacing: 6" | 2 fence posts spaces at $6'-6\frac{5}{8}'' = 13'-1\frac{1}{4}''$ | 7'-6" | 50 fence post spaces at 8'-0" cts. = 400'-0"

Floor Drain Spacing: 148'-0" | 214'-0"

Light Pole Spacing: $37'-9\frac{5}{16}"$ | $162'-2\frac{11}{16}"$ | 200'-0"

56'-6" | 103'-0" | 58'-0"

4½" at 50° F | 417'-0" end-to-end Deck

MIN. BAR LAP

#5 - 2'-2"

#6 - 2'-7"

PLAN

N

NOTES

Work this sheet with Sheets 11 thru 16 of 50.
For Section A-A see Sheet 12 of 50.
Reinforcement bars designated (E) shall be epoxy coated.
Bar indicated thus 20x3-#5 etc. indicates 20 lines of bars with 3 lengths per line.
For details of Pedestrian Fence see Sheet 20 of 50.
For details and post spacing of Parapet Fence see Sheets 13 & 19 of 50.
For details and post spacing of Parapet Rail see Sheet 14 & 18 of 50.
For Superstructure Bill of Material see Sheet 16 of 50.

Corporate License Number 184-001-084

SUPERSTRUCTURE

EASTBOUND HARRISON AVENUE
OVER UP & CC&P RAILROAD
F.A.P. ROUTE 0525
SECTION 02-00518-00-BR
ROCKFORD, ILLINOIS
STATION 95+72.00
STRUCTURE NO. 101-6111

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HANSON

JOB NO. 03R1751

DATE 12/14/06

LAYOUT	JKR	02/01/06
DRAWN	MGM/JKR	07/20/06
REVIEWED	FLN	08/04/06

7:39:32 AM
12/14/2006
N:\03Jobs\03R175\Struct\Sheet\East Bound\S-010-EB-SuperDeck-15.dgn