EASTBOUND AND WESTBOUND ILLINOIS ROUTE 13 TRANSVERSE CONTRACTION JOINT SPACING ALONG RESPECTIVE ILLINOIS ROUTE 13 PROFILE GRADE LINE

30′ 0 30′ 60′
SCALE: 1″ = 30′

N

16.18′ 16.18′ 15′ TRANSVERSE JOINT SPA. (TYP.)

+70.26 +85.14 SAWCUT AT EXISTING JOINTS. INSTALL CLASS B PATCH, TYPE IV, 10″, FOLLOWING STORM SEWER INSTALLATION.

+93.44 WB ILLINOIS ROUTE 13 PROFILE GRADE LINE

+57.13 SAWCUT FULL DEPTH, INSTALL CLASS D PATCH, TYPE III, 18″, FOLLOWING STORM SEWER INSTALLATION. PROPOSED HMA SURFACE COURSE TO BE PLACED OVER PATCH FOLLOWING HMA SURFACE REMOVAL, 1 1/2″.

+56.07 SEE NOTE 4 PROPOSED HMA SURFACE REMOVAL, 1 1/2″, AND HMA SURFACE COURSE. (SEE TYPICAL SECTIONS).

1730+00 1731 1732 1733 1734 1735+00 1736 1737

R

SEE NOTE 4 PR. ℄ ILLINOIS ROUTE 13

15′ TRANSVERSE JOINT SPA. (TYP.)

+56.07 12.02′ 12.02′ 12.02′ 730+00 731

+57.13 15.21′ PROPOSED HMA SURFACE REMOVAL, 1 1/2″, AND HMA SURFACE COURSE. (SEE TYPICAL SECTIONS).

+52.34

+87.30 15′ TRANSVERSE JOINT SPA. (TYP.)

+37.49 12.42′ 12.42′ 15′ TRANSVERSE JOINT SPA. (TYP.)

+52.34

12.47′ 12.47′ 15′ TRANSVERSE JOINT SPA. (TYP.) 11.39′ 15.61′ 12.49′ 16.39′ 12.00′ 11.27′ 11.27′ 12.00′ 12.46′ 15.53′ 12.00′ 10.15′ 17.41′ 12.56′ 12.57′

SEE DETAIL BELOW FOR ILLINOIS ROUTE 13/SKYLINE DR. NORTH INTERSECTION JOINTING DETAIL.

3/4″ PREFORMED EXPANSION JOINT FILLER (STD. 606301)

12′ LONGITUDINAL JOINT SPA. (TYP.)

0+00 10+00

MATCHLINE STA. 1738+00.00

SEE NOTE 4
SEE NOTE 3
15′ TRANSVERSE JOINT SPA. (TYP.)

12.01′ 12.01′ 12.01′ 15′ TRANSVERSE JOINT SPA. (TYP.) 11.39′ 3/4″ PREFORMED EXPANSION JOINT FILLER (STD. 606301)

12.00′ 17.04′ 17.04′ 12.55′

SEE DETAIL BELOW FOR ILLINOIS ROUTE 13/SKYLINE DR. SOUTH INTERSECTION JOINTING DETAIL.

1735+62.33 ℄ ILLINOIS ROUTE 13 =
0+32.00 ℄ SKYLINE DR. (SOUTH)

EB ILLINOIS ROUTE 13 PROFILE GRADE LINE

* TRANSVERSE CONSTRUCTION JOINT PER DETAIL ON SHEET 5 OF 5

LEGEND

- PROPOSED 2″ TRANSVERSE EXPANSION JOINT (DOWELED)
- PROPOSED TRANSVERSE CONTRACTION JOINT (DOWELED)
- PROPOSED LONGITUDINAL TIED JOINT WITH NO. 6 BARS
- LONGITUDINAL KEYED JOINT
- R PAVEMENT FABRIC (STD. 420701)
- PCC SHOULDER (STD. 483001)

NOTES:

1. SEE STANDARDS 420001, 420101, 420106, 483001, 606001, 606301 AND MSE WALL STRUCTURE PLANS FOR ADDITIONAL DETAILS.
2. SEE STANDARDS 420401 FOR JOINTING AND REINFORCEMENT DETAILS FOR THE BRIDGE APPROACH PAVEMENT CONNECTORS.
3. SEE MSE WALL STRUCTURE PLANS FOR JOINTING AND REINFORCEMENT DETAILS IN AND ADJACENT TO THE MSE WALL MOMENT SLAB AND PARAPET
4. SEE DRAINAGE STRUCTURE JOINT DETAIL ON SHEET 5 OF 5.
5. LONGITUDINAL JOINTS BETWEEN PROPOSED PAVEMENT OR SHOULDER AND EXISTING PAVEMENT SHALL BE TIED PER THE DETAILS ON SHEET 5 OF 5.

20′ 0 20′ 40′
SCALE: 1″ = 20′

N

+10.42 (SKYLINE DR.)

10.18′ 9.81′ 11.98′ 13.75′ 13.92′ 14.33′ 7.10′ 14.73′ 14.75′ 9′ TYP.

13.07′ 12.48′ 12.66′ 12.87′ 14.24′ 11.08′ 12.33′ 11.88′ 9′ TYP.

12′ 11.27′ 11.27′ 12′ 12.46′ 15′ 15′ 15′ 15′ 12.79′ 13.64′ 11′ 10′ 10′ 6′ 6′

10+00.00 ℄ SKYLINE DRIVE NORTH =
0+00.00 ℄ SKYLINE DRIVE SOUTH

1735+61.39 ℄ ILLINOIS ROUTE 13 =
0+32.00 ℄ SKYLINE DR. (SOUTH)

1735+00 1736 1737

ILLINOIS ROUTE 13 / SKYLINE DR. NORTH INTERSECTION JOINTING DETAIL

20′ 0 20′ 40′
SCALE: 1″ = 20′

N

1735+00 1736 1737

1735+61.39 ℄ ILLINOIS ROUTE 13=
0+32.00 ℄ SKYLINE DR. (SOUTH)

14.15′ 11.86′ 11.80′ 11.80′ 11.68′ 9.63′ 9.68′ 14.33′ 12.07′ 15′ 15′ 15′ 15′ 9′ TYP.

6′ 12′ 16.46′ 10.54′ 12′ 12′ 11.27′ 11.27′ 13.27′ 13.61′ 9.96′ 15′

14.36′ 11.83′ 13.29′ 13.29′ 13.29′ 7.14′ 14.36′ 11.91′

+75.84 (SKYLINE DR.)

3/4″ PREFORMED EXPANSION JOINT FILLER (STD. 606301)
PROPOSED 2″ TRANSVERSE EXPANSION JOINT

ILLINOIS ROUTE 13 / SKYLINE DR. SOUTH INTERSECTION JOINTING DETAIL

FILE NAME = l:\idot\d906603\draw\cadd_sheets\D998858-sht-jointing001.dgn	USER NAME = OpenH&B Springfield	DESIGNED - KPF	REVISED -
		DRAWN - TAP	REVISED -
	PLOT SCALE = 30.0000 ′ / IN.	CHECKED - SPH	REVISED -
	PLOT DATE = 12/14/2011	DATE - 12/9/11	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

JOINTING PLAN
ILLINOIS ROUTE 13

SCALE: 1″= 20′/30′ | SHEET NO. 1 OF 5 SHEETS | STA. BEGIN | TO STA. 1746+00.00

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
331	(IX-1) VB-1, B-1, N-4, R-3	WILLIAMSON	367	131
		CONTRACT NO. 98859		
	ILLINOIS FED. AID PROJECT			