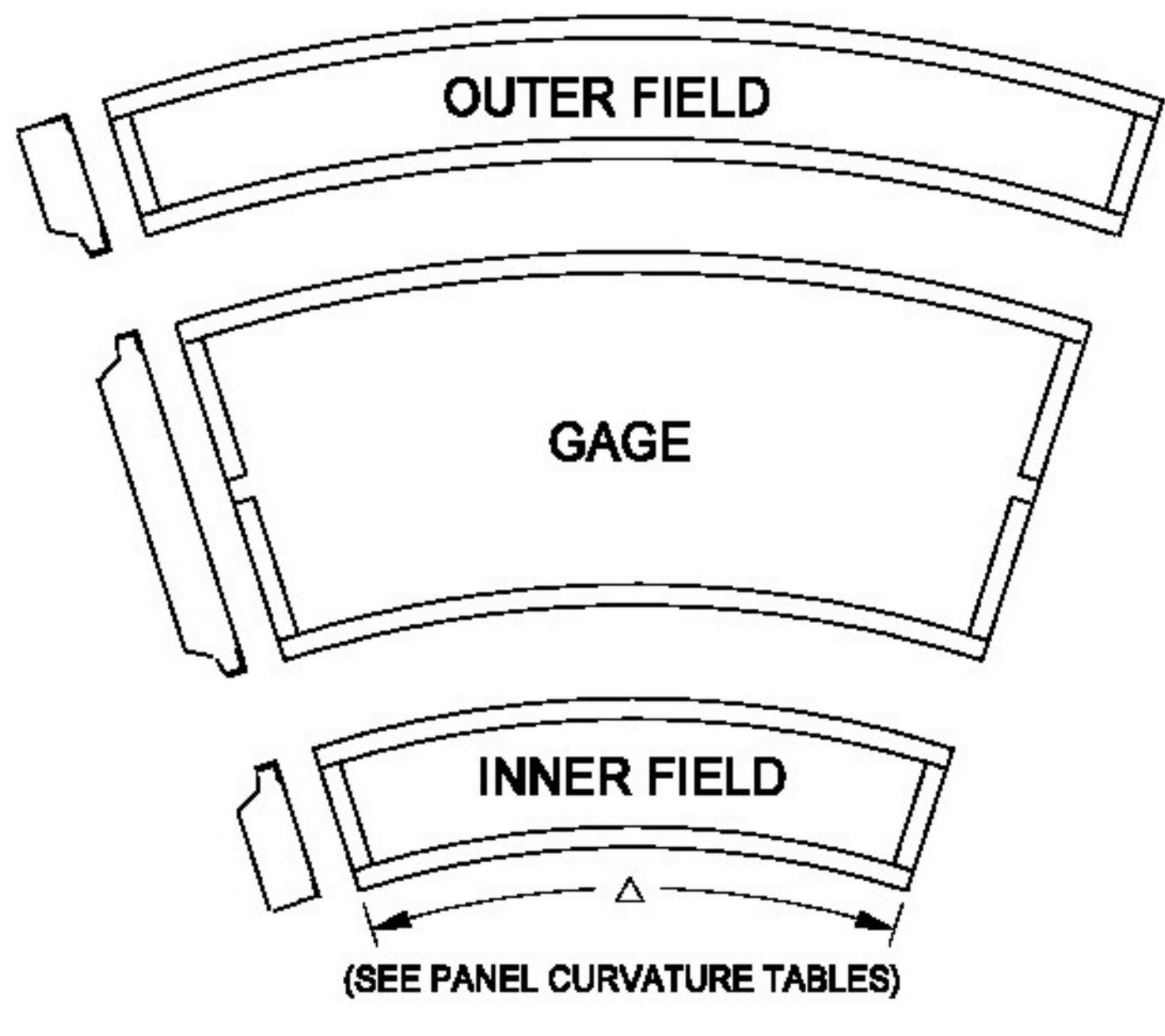


	BY	DATE

HNTEB
 ARCHITECTS ENGINEERS PLANNERS
 This sheet designed by:

200902



**CURVATURE TABLE
(ON CONCRETE TIES)**

DEGREE OF CURVE	RADIUS IN FEET	Δ	CURVE PANEL?
2° OR LESS	2885'	0.20°	NO
3°	1910'	0.30°	YES
4°	1433'	0.40°	YES
5°	1146'	0.50°	YES
6°	955'	0.60°	YES
7°	819'	0.70°	YES
8°	717'	0.80°	YES
9°	637'	0.90°	YES
10°	574'	1.00°	YES
11°	522'	1.10°	YES
12°	478'	1.20°	YES
13°	442'	1.30°	YES
14°	410'	1.40°	YES

**CURVATURE TABLE
(ON WOOD TIES)**

DEGREE OF CURVE	RADIUS IN FEET	Δ	CURVE PANEL?
3° OR LESS	1910'	0.24°	NO
4°	1433'	0.32°	YES
5°	1146'	0.40°	YES
6°	955'	0.48°	YES
7°	819'	0.56°	YES
8°	717'	0.66°	YES
9°	637'	0.74°	YES
10°	574'	0.82°	YES
11°	522'	0.90°	YES
12°	478'	0.98°	YES
13°	442'	1.08°	YES
14°	410'	1.14°	YES

NOTES:
 A CURVED PANEL IS A PANEL THAT IS PIE SHAPED WITH A LONGER OUTER LENGTH THAN THE INNER LENGTH WITH TRUE RADIUS OUTER AND INNER STEEL.

CURVED PANELS USE STANDARD REINFORCEMENT SIMILAR TO TANGENT PANEL STANDARD REINFORCEMENT.

LAG HOLES ON 10W AND 9W CROSSINGS MUST LINE UP WITH THE CENTERLINE OF TIES.

XING TYPE (RAIL WT.)	BNSF ITEM NO.	UPRR ITEM NO.
10W (115)	055590002	NON-STOCK
10W (133-141)	055590001	NON-STOCK
9W	NON-STOCK	NON-STOCK
10C	NON-STOCK	NON-STOCK
85C	NON-STOCK	NON-STOCK

COMMON STANDARDS

CURVED CONCRETE PANELS

FILE OWNER: UPRR

DATE: APRIL 24, 2001

REV. NO.: 0

DWG NO: 200902

SHEET NO.	OF	SCALE	APPROVED	QUANTITIES	TRACED
DESIGNED	BY	DATE	DATE	DATE	DATE
DESIGN OK	BY	DATE	DATE	DATE	DATE

CITY OF WICHITA
WICHITA CENTRAL CORRIDOR
PRECAST CONCRETE CROSSING
BNSF / UPRR
COMMON STANDARDS

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-84071	2005	RS.9	