

STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	472-84071	2005	RA.3	

# PHASE 4 GEOMETRY

## BASELINE GEOMETRY

CURVE NUMBER	STATION	NORTHING	EASTING	TANGENT BEARING	DELTA	LENGTH (FT.)	TANGENT (FT.)	RADIUS (FT.)	DEGREE OF CURVE	DESIGN SPEED (MPH)	
<b>44</b>	<b>New Elevator Track 1</b>										
	P.C. 11128+41.806	1693.948.801	1650.933.592	S1°44'31.9"E							
	P.I. 11128+9.331	1693.911.293	1650.934.733		21°5'03.4" LT.	75.031	37.525	1,910.078	300°00.0°	10	
	P.T. 11129+16.837	1693.873.860	1650.937.346	S3°59'35.2"E							
	P.T. 11129+16.837	1693.873.860	1650.937.346	S3°59'35.2"E							
<b>45</b>	<b>New Elevator Track 2</b>										
	P.C. 11131+11.655	1693.679.516	1650.950.913	S3°59'35.2"E							
	P.I. 11131+37.825	1693.653.409	1650.952.735		3°08'17.4" RT.	52.303	26.170	955.366	600°00.0°	10	
	P.T. 11131+63.957	1693.627.242	1650.953.126	S0°51'17.8"E							
	P.T. 11131+63.957	1693.627.242	1650.953.126	S0°51'17.8"E							
<b>46</b>	<b>New Elevator Track 3</b>										
	P.O.E. 11132+30.000	1693.561.207	1650.954.111			66.043					
	<b>New Elevator Track 4</b>										
	P.S. 0+00.000	1693.772.943	1650.944.391	S3°59'34.9"E							
	P.I. 0+33.180	1693.739.843	1650.946.701			33.180					
<b>47</b>	<b>New Elevator Track 4</b>										
	P.I. 0+33.180	1693.739.843	1650.946.701	S1°43'08.6"E							
	P.C. 1+98.125	1693.574.972	1650.941.753								
	P.I. 2+46.236	1693.526.884	1650.940.310		1°55'26.9" LT.	96.206	48.110	2,864.934	200°00.0°	10	
	P.T. 2+94.332	1693.478.774	1650.940.482	S0°12'18.2"E							
<b>48</b>	<b>New Elevator Track 5</b>										
	P.O.E. 11153+80.005	1691.410.837	1650.969.603	S0°53'37.1"E		1,145.005					
	<b>New Elevator Track 6</b>										
	P.S. 0+00.000	1692.315.731	1650.955.489	N0°53'37.5"W							
	P.I. 0+30.762	1692.346.490	1650.955.009			30.762					
<b>49</b>	<b>Lined Museum Track 1</b>										
	P.I. 0+31.250	1685.072.305	1651.040.382	N4°08'01.6"E							
	P.C. 1+78.831	1685.219.501	1651.051.021								
	P.I. 1+78.831	1685.219.501	1651.051.021	N4°08'01.6"E							
	P.T. 2+58.782	1685.298.947	1651.050.118	N8°55'51.1"E	4°47'49.5" RT.	79.952	40.017	955.366	600°00.0°	10	

Note: P.S. equals Point of Switch.

DATE	BY

Plotted on: Tuesday, January 04, 2005 8:11:35 AM  
 J:\raham Plot Queue: \\cbsw100\K029049-PS  
 Plot Scale: 500.00000H.000000 Pen Table: m:\Jobs\29049\TechProd\Railroad\plots\fullsize.pen  
 Design Filename: M:\Jobs\29049\TechProd\Railroad\Drawings\Plan\_B\Details\Phase4\wc4\_base\_geo.dgn

**ENTR**  
 ARCHITECTS ENGINEERS PLANNERS

**This sheet designed by:**

SHEET NO.	OF	SCALE	APP'D.
DESIGNED	RSB	DETAILED	JDS
DESIGN CR.	RSB	DETAIL CR.	REP

**CITY OF WICHITA**  
**WICHITA CENTRAL CORRIDOR**  
**PHASE 4 - TRACK WORK**  
**BASELINE GEOMETRY**

NO.	DATE	REVISIONS	BY	APP'D.
1				
2				
3				