RUNAROUND GEOMETRICS AND SURFACE AREAS						
TYPE C						
X (m)	12	14	16	18	20	22
PHI (deg.)	20	20	20	20	20	20
Z (m)	35.086	40.9233	46.781	52.628	58.476	64.324
R (m)	85	85	85	85	85	85
T (m)	14.988	14.988	14.988	14.988	14.988	14.988
L (m)	5.110	10.957	16.805	22.652	28.500	34.348
Y (m)	62.946	68.440	73.936	79.430	84.925	90.421
E.R.W. (m)	RUNAROUND AREA, M^2					
5.5	682	766	850	934	1018	1104
6.0	775	732	816	900	984	1068
6.6	614	698	782	866	950	1034
7.2	668	674	758	842	926	1010

ERW - Existing Roadway Width

ALLOWABLE RUNAROUND TYPE VS. POSTED SPEED																		
EXISTING POSTED SPEED (mph)	55	50	45		40		35			30			25			20		
ALLOWABLE TYPE	A	A	A	B	A	B	A	B	C	A	B	C	A	B	C	A	B	C
RUNAROUND POSTED SPEED (mph)	45	45	45	35	40	35	35	35	25	30	30	25	25	25	25	20	20	20

All dimensions are in mm unless otherwise specfied

INDIANA DEPARTMENT OF TRANSPORTATION

TEMPORARY RUNAROUND GEOMETRICS

SEPTEMBER 2006

STANDARD DRAWING NO. 713-TCTR-02A

RICHARD L. VanCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 9-01-06
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 9-01-06
CHIEF HIGHWAY ENGINEER DATE