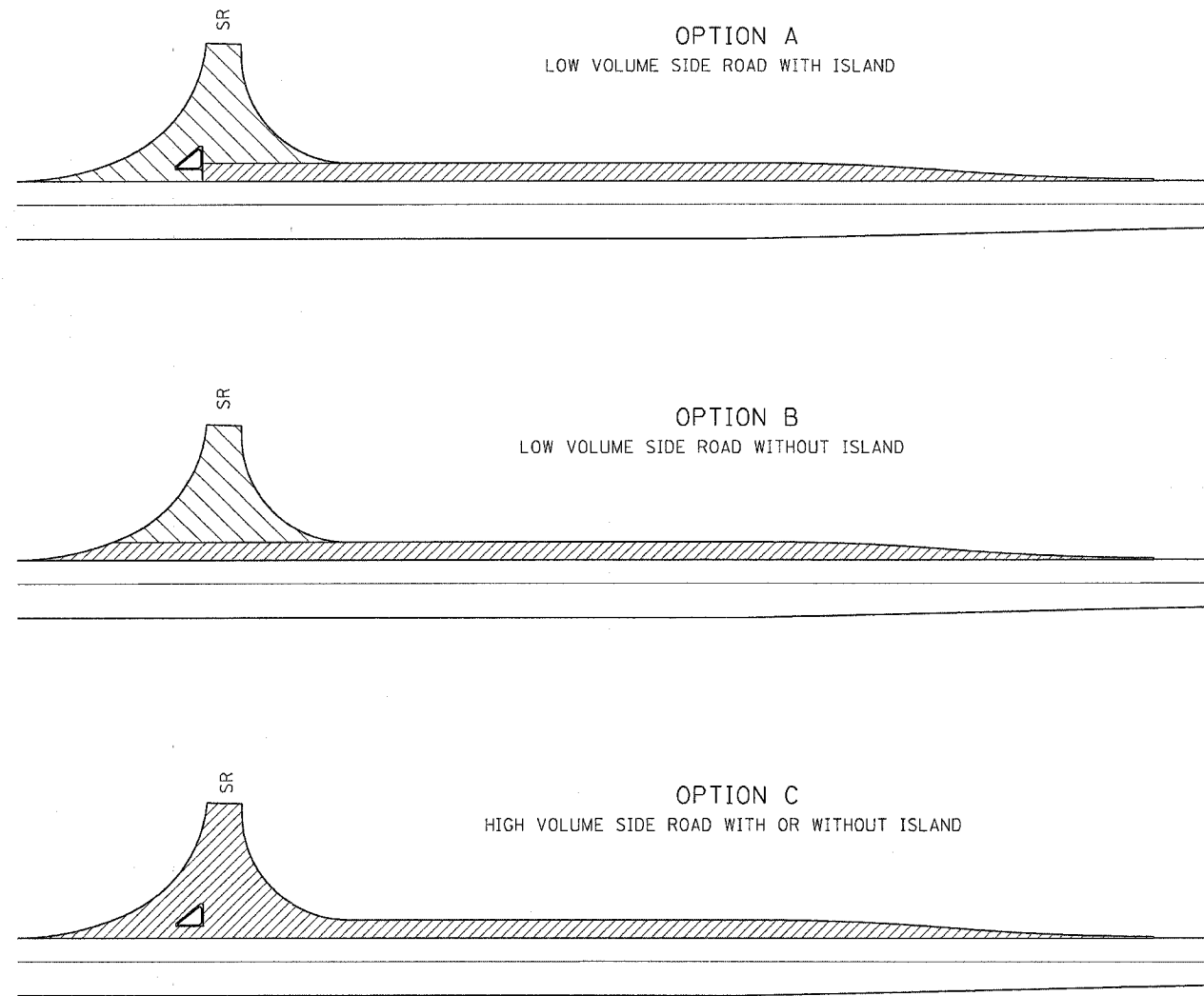


# RIGHT TURN LANE CONSTRUCTION



### LEGEND

- HOT-MIX ASPHALT PAVEMENT (FULL DEPTH)
- AGGREGATE BASE WITH HOT-MIX ASPHALT SURFACE

## RIGHT TURN LANE CONSTRUCTION

43.2

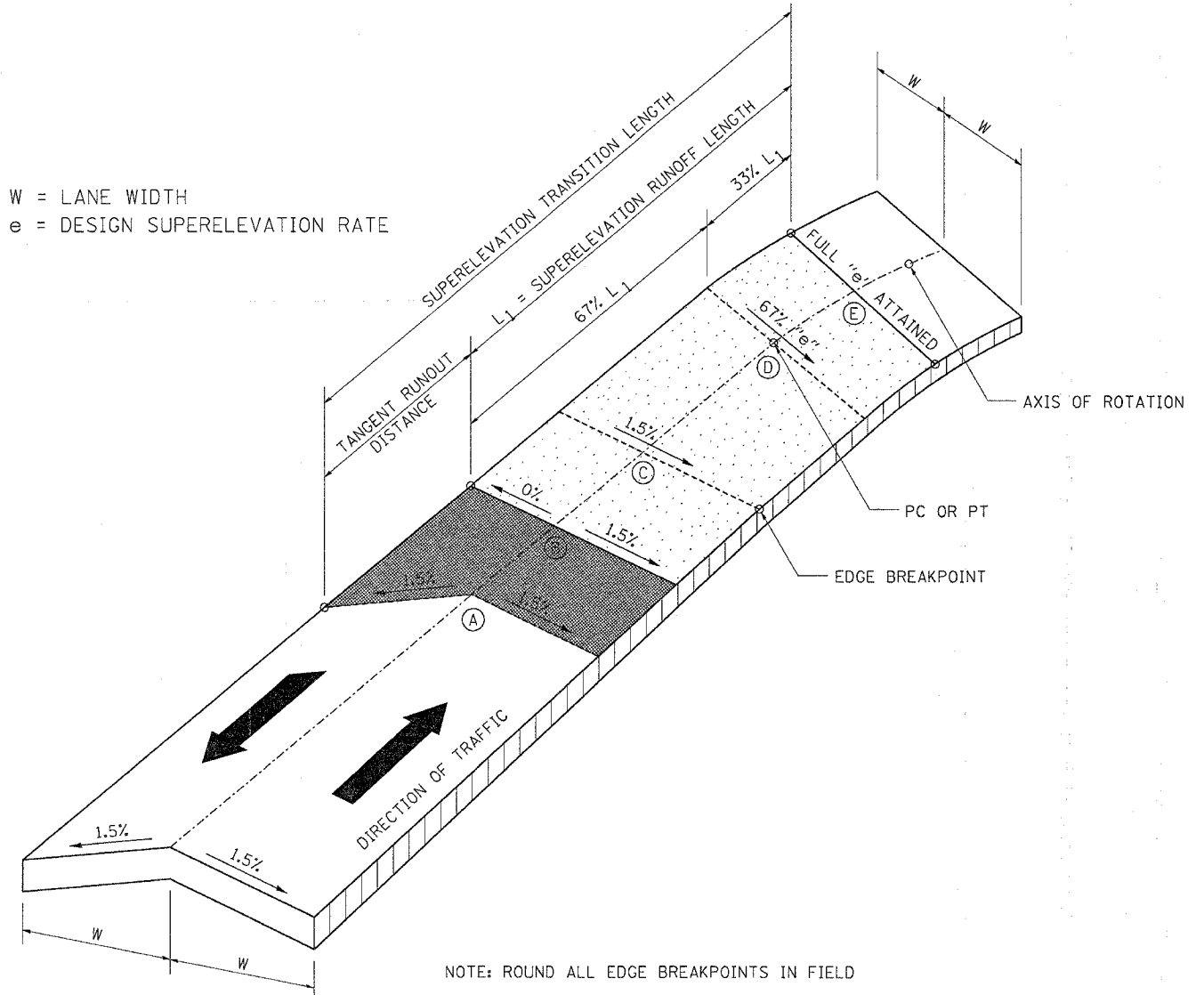
REVISED 10-10-06

PLOT DATE = Fri Mar 23 18:45:06 2007  
 FILE NAME = c:\projects\10207488\10207488.dgn  
 PLOT SCALE = 1/8" = 1'-0"  
 REFERENCE = AREPS

# SUPERELEVATION TRANSITION ON TWO-LANE HIGHWAY

CONTRACT NO. 64560			
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS
*	**	CARROLL	548
SHEET NO.		235	
STA.		TO STA.	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			
• ROUTE 17 (US 52 / IL 64)			
•• (1,2)RS & (3,1)RS-1			

W = LANE WIDTH  
e = DESIGN SUPERELEVATION RATE



NOTE: ROUND ALL EDGE BREAKPOINTS IN FIELD

### TRANSITION CURVE TABLE

ROAD	CURVE PI STA.	SUPERELEVATION "e"	W	SUPERELEVATION TRANSITION LENGTH	TANGENT RUNOUT DISTANCE	SUPERELEVATION RUNOFF LENGTH
US 52	211+53.29	4.6	12	155	38	117
US 52	225+45.82	2.3	12	99	39	60
US 52	237+15.78	4.6	12	155	38	117
US 52	255+61.52	3.3	12	122	38	84
US 52	273+84.63	2.3	12	99	39	60
US 52	287+78.73	3.2	12	123	39	84
US 52	327+94.75	2.3	12	99	39	60
US 52	346+26.11	4.5	12	156	39	117
US 52	363+54.84	4.5	12	156	39	117
US 52	379+71.11	4.5	12	156	39	117
US 52	391+82.42	5.0	12	168	39	129
US 52	407+27.36	3.5	12	129	39	90
US 52	423+22.98	4.6	12	155	38	117
US 52	447+95.15	3.8	12	138	39	99
US 52	542+38.62	3.2	12	123	39	84
US 52	572+74.56	4.7	12	158	38	120
US 52	599+52.94	3.9	12	141	39	102
US 52	646+72.12	3.9	12	141	39	102
QUARRY RD.	1005+10.96	4.0	11	116	32	84
QUARRY RD.	1009+89.18	4.0	11	116	32	84
BENTON ST.	1606+78.54	5.2	12	162	36	126

## SUPERELEVATION TRANSITION ON TWO-LANE HIGHWAY

45.2