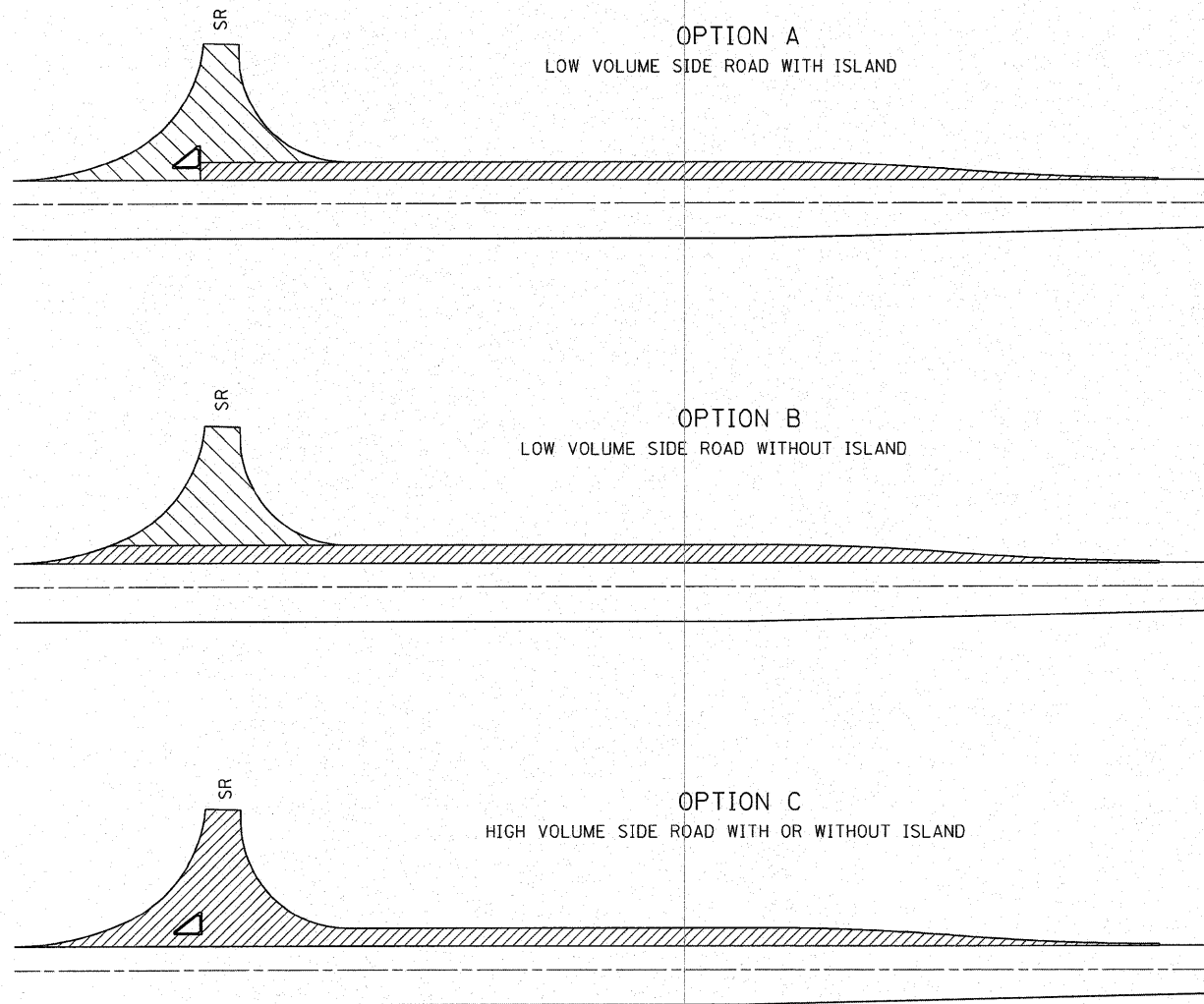


# RIGHT TURN LANE CONSTRUCTION



OPTION A  
LOW VOLUME SIDE ROAD WITH ISLAND

OPTION B  
LOW VOLUME SIDE ROAD WITHOUT ISLAND

OPTION C  
HIGH VOLUME SIDE ROAD WITH OR WITHOUT ISLAND

### LEGEND

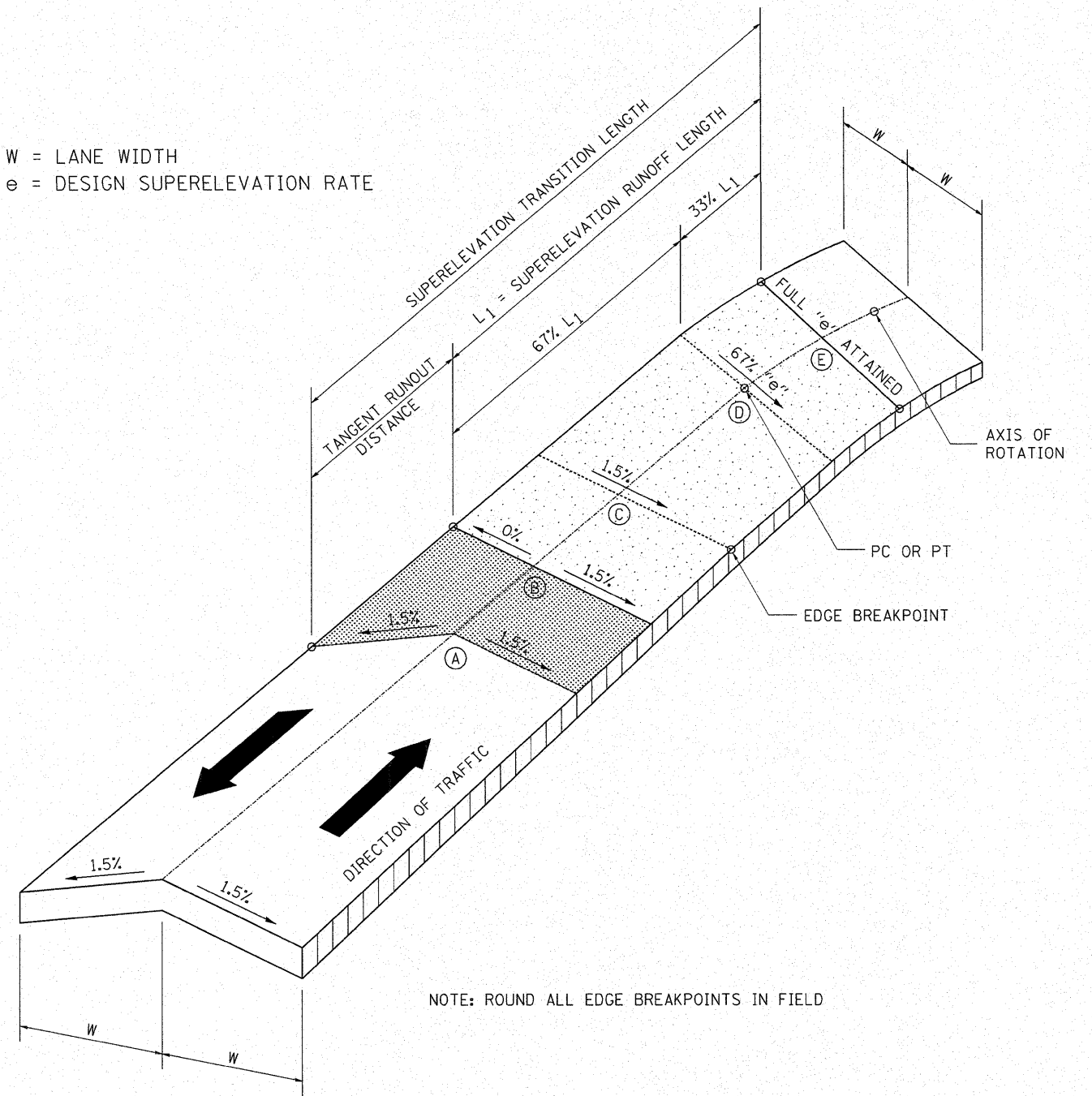
- HOT-MIX ASPHALT PAVEMENT (FULL DEPTH)
- AGGREGATE BASE WITH HOT-MIX ASPHALT SURFACE

REVISED - 10-10-06

## RIGHT TURN LANE CONSTRUCTION 43.2

# SUPERELEVATION TRANSITION ON TWO-LANE HIGHWAY

W = LANE WIDTH  
e = DESIGN SUPERELEVATION RATE



### TRANSITION CURVE TABLE

CURVE PI STA.	SUPERELEVATION "e"	W	SUPERELEVATION TRANSITION LENGTH	TANGENT RUNOUT DISTANCE	SUPERELEVATION RUNOFF LENGTH
587+11.26	0.06 FT/FT	12	270	54	216
1377+26.06	0.05 FT/FT	12	129	30	99

REVISED - 11-09-06

## SUPERELEVATION TRANSITION ON TWO-LANE HIGHWAY 45.2

FILE NAME =	USER NAME = IDOTCAD	DESIGNED - SPF	REVISED -
W:\2290-03 - US 20 IL 84 Intersection\CAD Sheets\0208108-shr-details.dgn		DRAWN - AJP	REVISED -
PLOT SCALE = 1/8000" / IN.		CHECKED - JMS	REVISED -
PLOT DATE = 1/21/2009		DATE - 01/23/09	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCALE: NONE		SHEET NO. 08 OF 10 SHEETS		STA. TO STA.	
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	30-M-2	JO DAVIESS	81	55
CONTRACT NO. 64E29				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				