

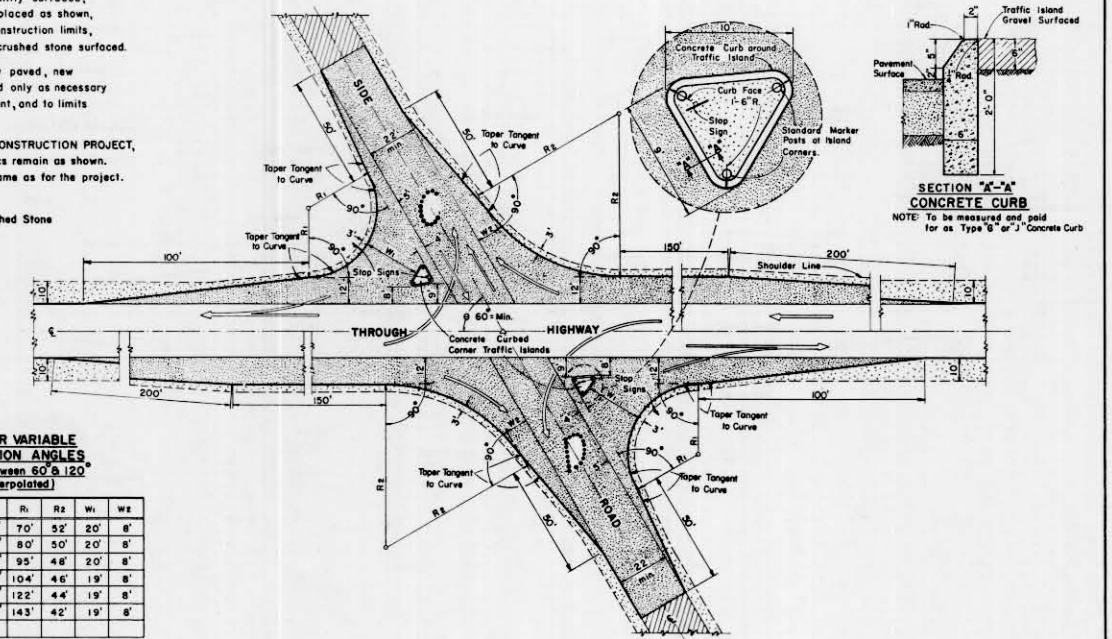
**SIDE ROAD SURFACING NOTE**  
 If Side Road is not presently surfaced, new pavement shall be placed as shown, and the remainder to construction limits, if any, shall be gravel or crushed stone surfaced.  
 If Side Road is presently paved, new pavement shall be placed only as necessary to meet existing pavement, and to limits of design as shown.  
 IF SIDE ROAD IS THE CONSTRUCTION PROJECT, the intersection geometrics remain as shown. The surfacing shall be as for the project.

— Pavement  
 — Gravel or Crushed Stone

**TABLE OF VALUES FOR VARIABLE SIDE ROAD INTERSECTION ANGLES**  
 (Table Values for Angles between 60° & 120° not shown shall be interpolated)

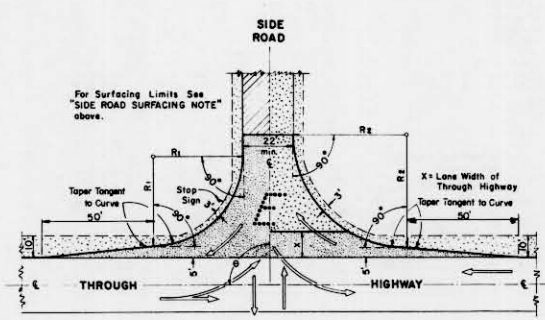
θ	R <sub>1</sub>	R <sub>2</sub>	W <sub>1</sub>	W <sub>2</sub>	θ	R <sub>1</sub>	R <sub>2</sub>	W <sub>1</sub>	W <sub>2</sub>
60°	31'	72'	25'	10'	95°	70'	52'	20'	8'
65°	35'	69'	24'	9'	100°	80'	50'	20'	8'
70°	39'	66'	23'	8'	105°	95'	46'	20'	8'
75°	43'	63'	22'	8'	110°	104'	46'	19'	8'
80°	47'	60'	21'	8'	115°	122'	44'	19'	8'
85°	54'	57'	21'	8'	120°	143'	42'	19'	8'
90°	62'	54'	21'	8'					

• Minimum Int. Angle      •• Maximum Int. Angle



**GENERAL NOTES**  
 Designs "A", "B", "C", "D", or "E" may be used interchangeably in combination or separately for any one complete intersection depending upon Traffic Volume, intersection angle and Surfacing of each approach roadway.

Details on this drawing are for Minimum Design Only, and not applicable to Special Conditions, as shown elsewhere on the plans.



**TABLE OF VALUES FOR VARIABLE SIDE ROAD INTERSECTION ANGLES**  
 (Table Values for Angles between 60° & 120° not shown shall be interpolated)

θ	R <sub>1</sub>	R <sub>2</sub>	θ	R <sub>1</sub>	R <sub>2</sub>
60°	4'0"	5'0"	95°	4'5"	4'9"
65°	4'0"	5'0"	100°	5'0"	4'8"
70°	4'0"	5'0"	105°	5'5"	4'7"
75°	4'0"	5'0"	110°	6'0"	4'6"
80°	4'0"	5'0"	115°	6'5"	4'5"
85°	4'0"	5'0"	120°	7'0"	4'4"
90°	4'0"	5'0"			

• Minimum Int. Angle      •• Maximum Int. Angle

**MINOR SIDE ROAD INTERSECTION DESIGN DETAILS**  
 To be used when current ADT on Through Highway is Less than 1500 or on Side Road is Less than 200

**DESIGN & LAYOUT DETAILS FOR SIDE ROAD AT GRADE INTERSECTIONS (RURAL IN CHARACTER)**

STATE HIGHWAY COMMISSION OF WISCONSIN

RECOMMENDED FOR APPROVAL  
 DATE: 1/17/58  
 APPROVED: [Signature]  
 DATE: 1/17/58  
 STATE HIGHWAY ENGINEER

PLATE NO. 9-11.3