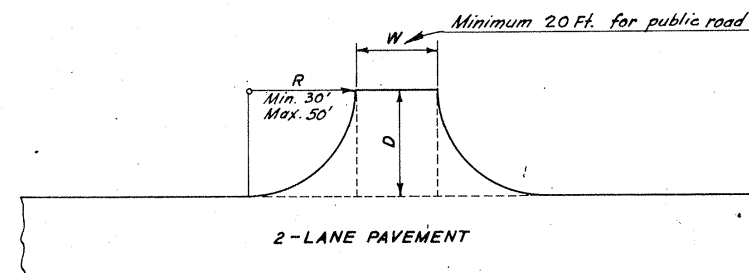


SOUTH CAROLINA STATE HIGHWAY DEPARTMENT
COLUMBIA

Division No.	State	County	Docket No.	Route No.	Sheet No.	Total Sheets
3	S.C.	Horry	26256	904	2-A	68

STANDARD TYPE INTERSECTIONS

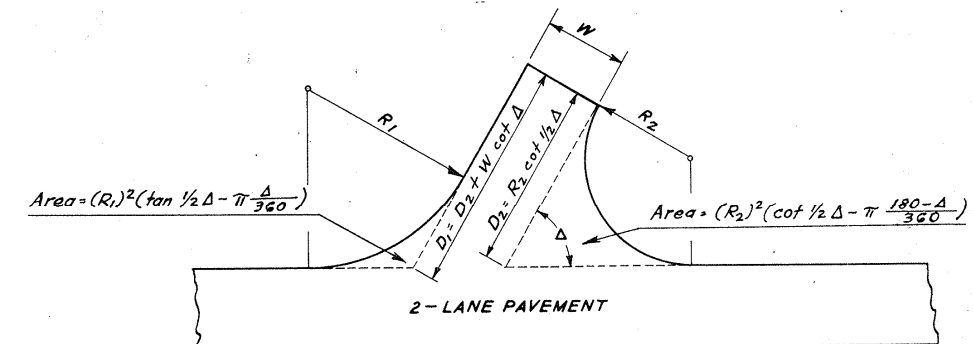
SCALE: 1" = 25'



T - TYPE INTERSECTION

For angles at or near 90°.
Area of Paved Spur = $WD + 0.43R^2$

For private driveways to be paved, use this type with 20' radii and 10' width at back. Area for driveway = 41.3 S.Y.



Y - TYPE INTERSECTION

ANGLE Δ	MAXIMUM			MINIMUM		
	R ₁ FEET	R ₂ FEET	AREA* S.Y.	R ₁ FEET	R ₂ FEET	AREA* S.Y.
90°	50	50	241.7	30	30	116.3
75°	80	50	354.3	50	25	145.1
60°	125	35	350.2	75	20	164.1
45°	200	25	355.9	100	15	170.2
* 30°	300	20	398.1	150	10	180.0

* The areas given are for the total area beyond the edge of the pavement on the main road. Width at back of intersection, W = 22 Ft.

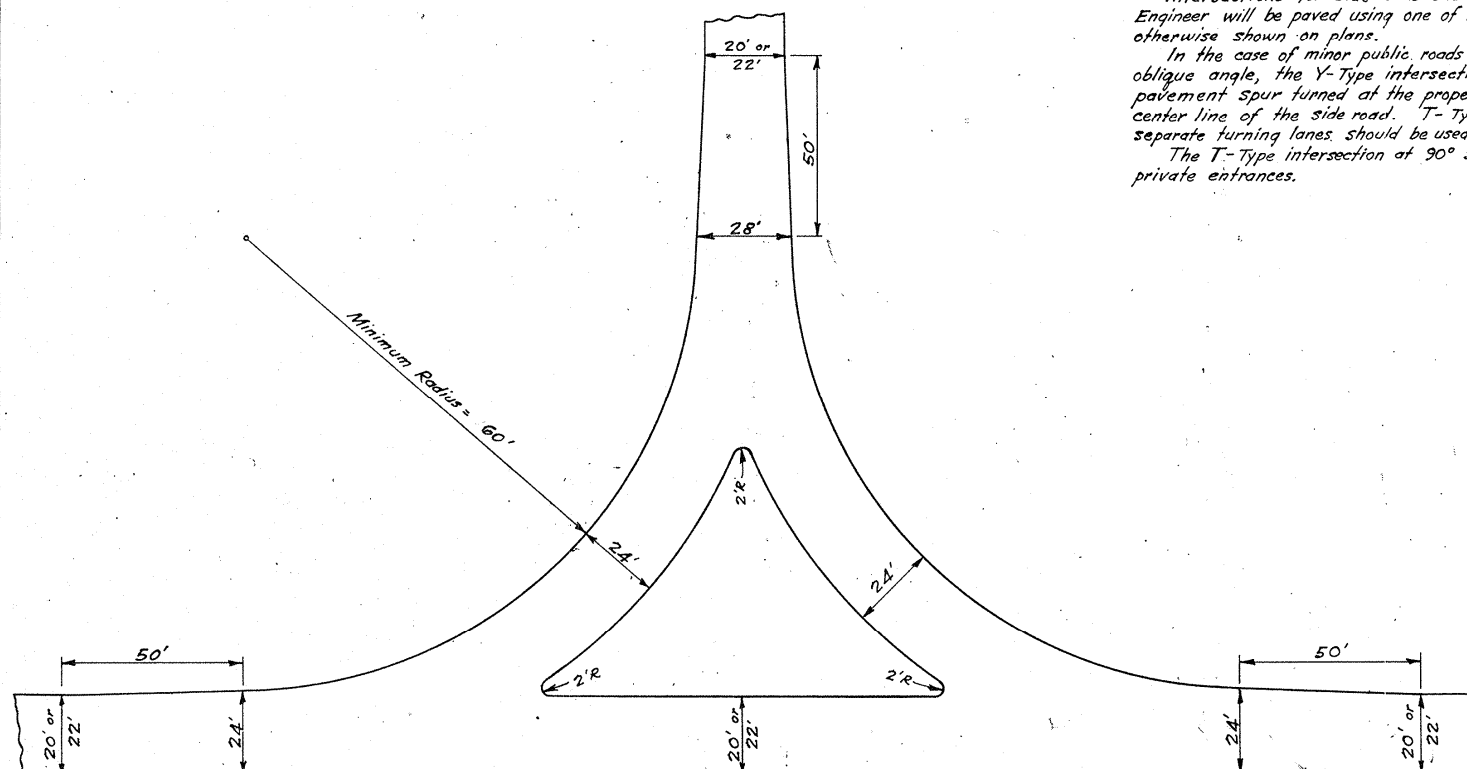
* Intersections at less than 45° should be constructed with separate turning lanes where practical, as shown by intersection type below.

GENERAL NOTES:-

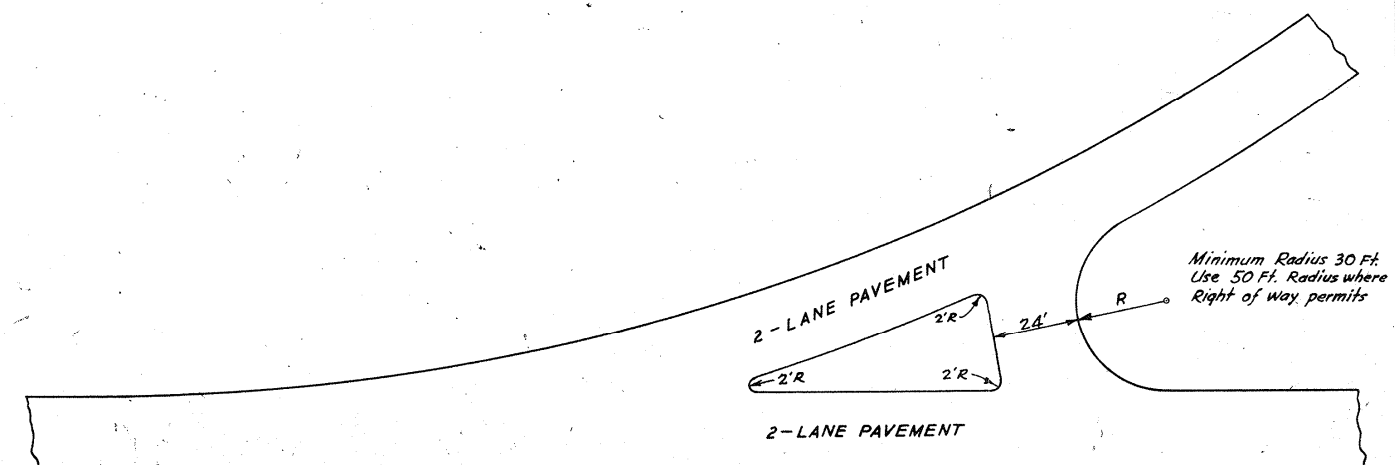
Intersections for side roads and driveways where directed by the Engineer will be paved using one of the Standard Types shown, unless otherwise shown on plans.

In the case of minor public roads intersecting the highway at an oblique angle, the Y-Type intersection should be used with the pavement spur turned at the proper angle to line up with the center line of the side road. T-Type or Y-Type intersections with separate turning lanes should be used at the more important intersections.

The T-Type intersection at 90° should be used at driveways for private entrances.



T - TYPE INTERSECTION WITH SEPARATE TURNING LANES



Y - TYPE INTERSECTION WITH SEPARATE TURNING LANE

DRAWING
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