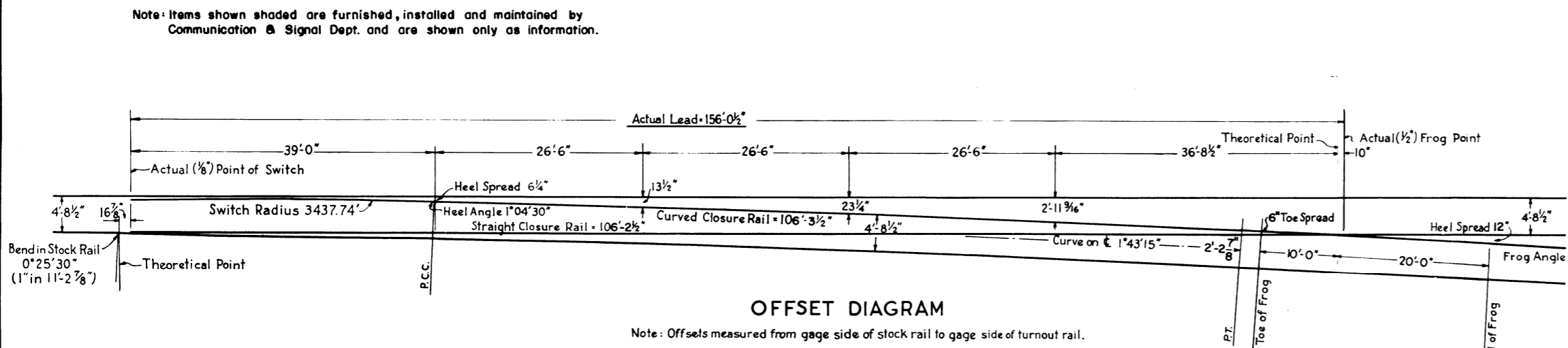


TURNOUT		CROSSOVER	
No. of Pieces	Length	No. of Pieces	Length
19	9'-0"	4	8'-0"
4	9'-6"	4	8'-6"
16	10'-0"	38	9'-0"
7	10'-6"	28	9'-6"
8	11'-0"	38	10'-0"
8	11'-6"	24	10'-6"
6	12'-0"	26	11'-0"
6	12'-6"	22	11'-6"
6	13'-0"	12	12'-0"
6	13'-6"	12	12'-6"
6	14'-0"	16	13'-0"
6	14'-6"	12	13'-6"
6	15'-0"	26	14'-0"
8	15'-6"	4	14'-6"
10	16'-0"	4	15'-0"
Total No. of Pieces.....136		Total No. of Pieces.....266	
Total Linear Feet.....1622.5		Total Linear Feet.....2931	
Total F.B.M.....8518		Total F.B.M.....15388	



Note: "Bill of Switch Ties" shown is for right hand turnouts and crossovers. For left hand turnouts and crossovers the "Bill of Switch Ties" should be modified as follows:

Length of piece	Turnout		Crossover	
	Add	Deduct	Add	Deduct
9'-0"	2		4	
10'-0"		2		4

- See Plan 1-4 For Bolts used in Trackwork
- 3-19 For 39' Unilateral Curved Switch
 - 3-21 For 39' Switch Details
 - 3-35 For Switch Heel Block
 - 4-3 For Switch Lugs
 - 3-45 For Tie Rods
 - 3-46 For No. 1 Tie Rod with Basket
 - 3-59 For Switch Plates
 - 3-64 For Adjustable Plates and Braces
 - 4-19 For Railbound Manganese Steel Frog
 - 4-29 For Frog Plates (right hand)
 - 4-30 For Frog Plates (left hand)
 - 4-35 For Guard Rails

SOUTHERN RAILWAY SYSTEM
NO. 20 TURNOUT
 WITH 39'-0" CURVED SWITCHES
 WITH DETAILS OF TIMBER PATTERNS
 FOR TURNOUT AND CROSSOVERS
 FEBRUARY 1, 1975