

# SUBDIVISION REGULATIONS

## *801 Attachment 1*

### **APPENDIX A**

#### **PLAN ELECTRONIC FILE REQUIREMENTS**

##### **File Format**

Acceptable electronic file formats include AutoCad .dwg, AutoCad .dxf, or Microstation .dgn format. Acceptable media formats include three-and-one-half-inch floppy disks, CD-ROM, or Iomega Zip disks.

##### **Coordinate System**

For the purpose of accurately inputting the plan into the Town's geographic information system, the plan should be tied into the Massachusetts State Plane Coordinate System through bounds with published coordinates (i.e., National Geodetic Survey, Mass Highway, etc.) where feasible. The datum and units used shall be clearly shown. In cases where there are no suitable geodetic bounds in the vicinity, the plan shall be tied into existing physical features such as catch basins, manholes, utility poles, etc. In such cases, tie-ins to two or more physical features shall be made for at least two different identifiable points on the plan (i.e. property corners).



## SUBDIVISION REGULATIONS

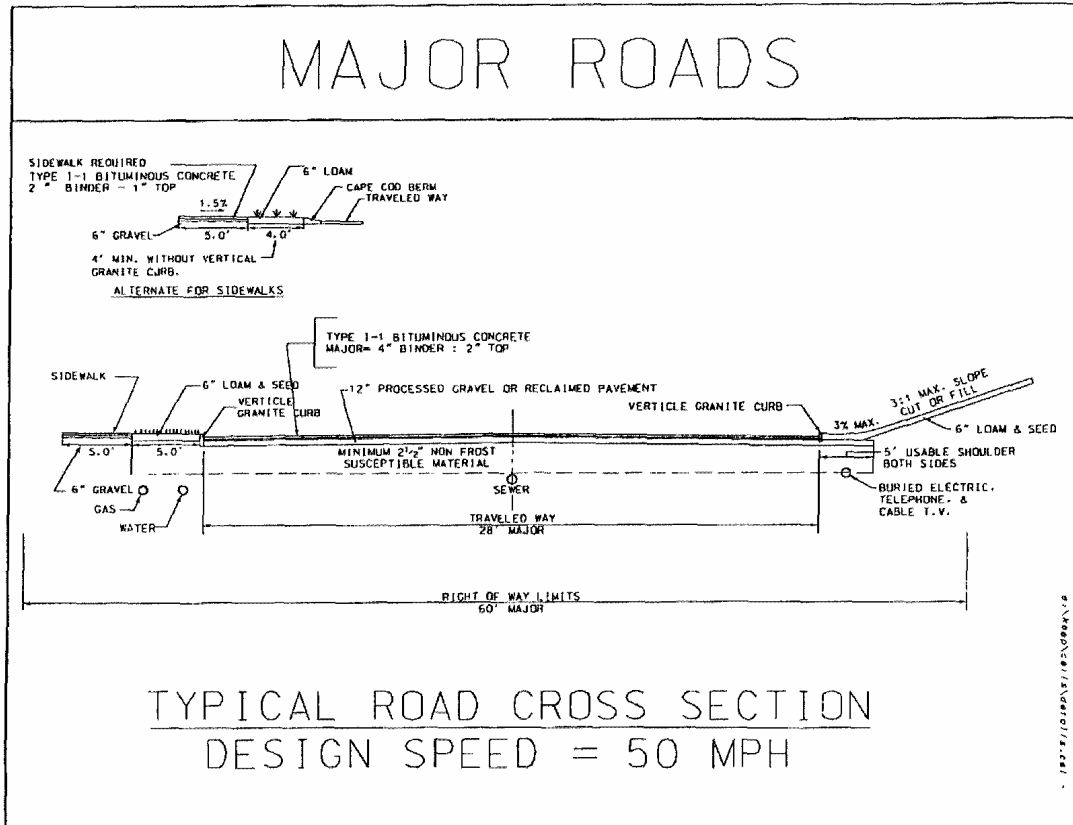
<b>Design Standards</b>										
<b>Type of Street</b>	<b>Width of Way (feet)</b>	<b>Width of Traveled Way (feet)</b>	<b>Design Speed (mph)</b>	<b>Minimum Centerline Radii (feet)</b>	<b>Maximum Centerline Grade</b>	<b>Minimum Centerline Grade</b>	<b>Minimum Curb Radius at Street Intersect (feet)</b>	<b>Minimum Length or Tangent between Reverse Curves (feet)</b>	<b>Storm Frequency for Drainage Calculations (year)</b>	<b>Stopping Site Distance** (feet)</b>
Major	60	28	50	600 minimum 800 desirable	5%	1%	50	300*	50	475
Secondary	50	24	45	400 minimum 500 desirable	8%	1%	40	150	25	400
Minor A	50	20	35	150 minimum 200 desirable	10%	1%	30	100	25	250
Minor B	40	16	25	100	10%	1%	30	100	25	250

\* Transition or minimum needed for superelevation.

\*\* Sight distance shall be measured with an eye height of 3.5 feet and an object height of 0.5 feet above the pavement. Also see § 801-13 for site distance required at intersections.



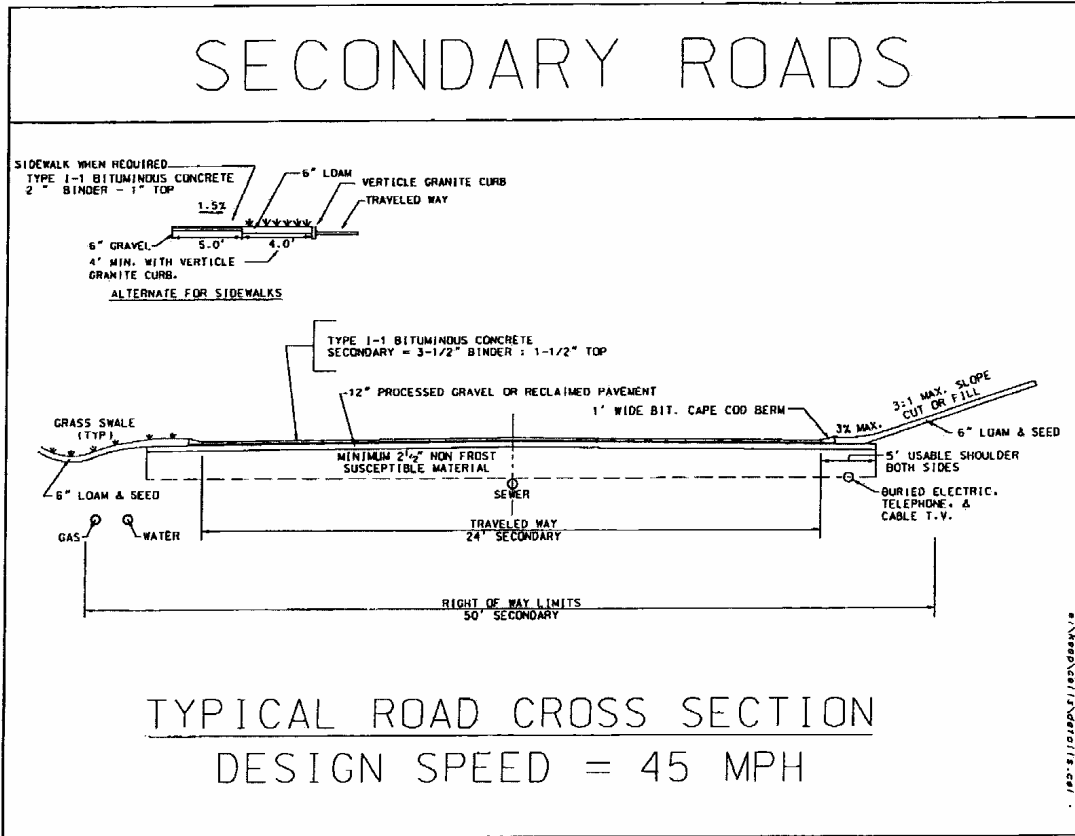
# SUBDIVISION REGULATIONS



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# SUBDIVISION REGULATIONS

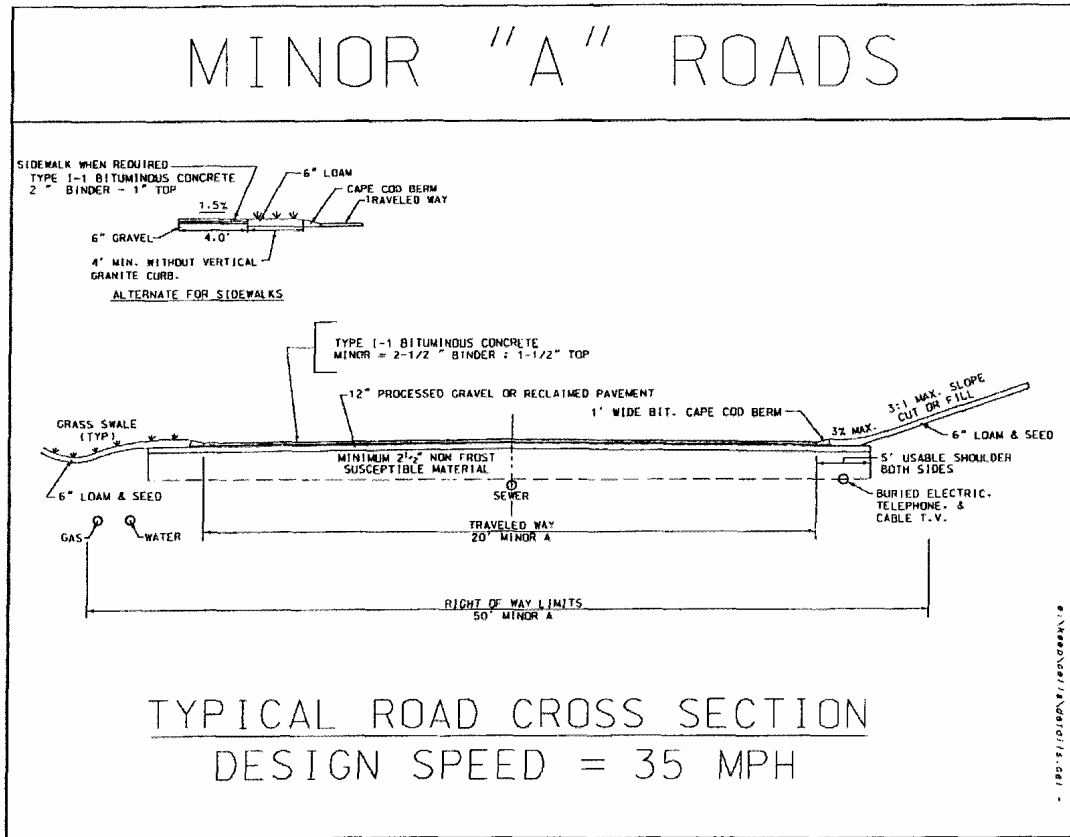


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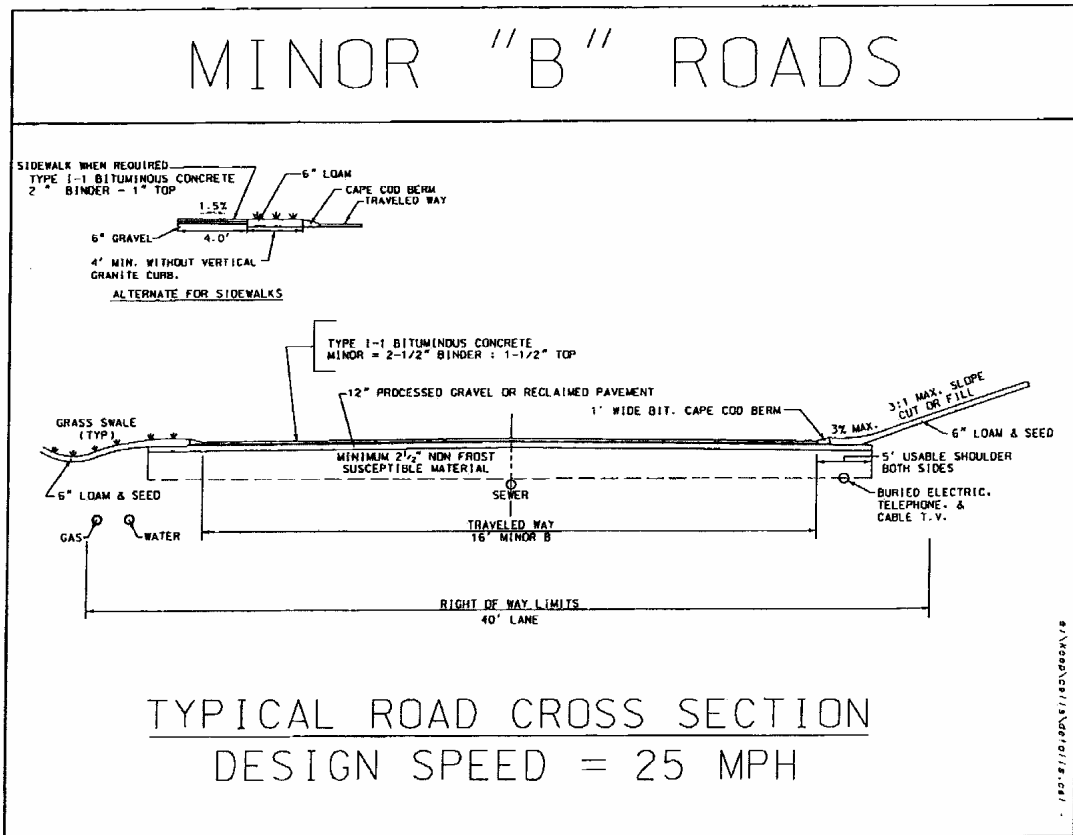
# SUBDIVISION REGULATIONS



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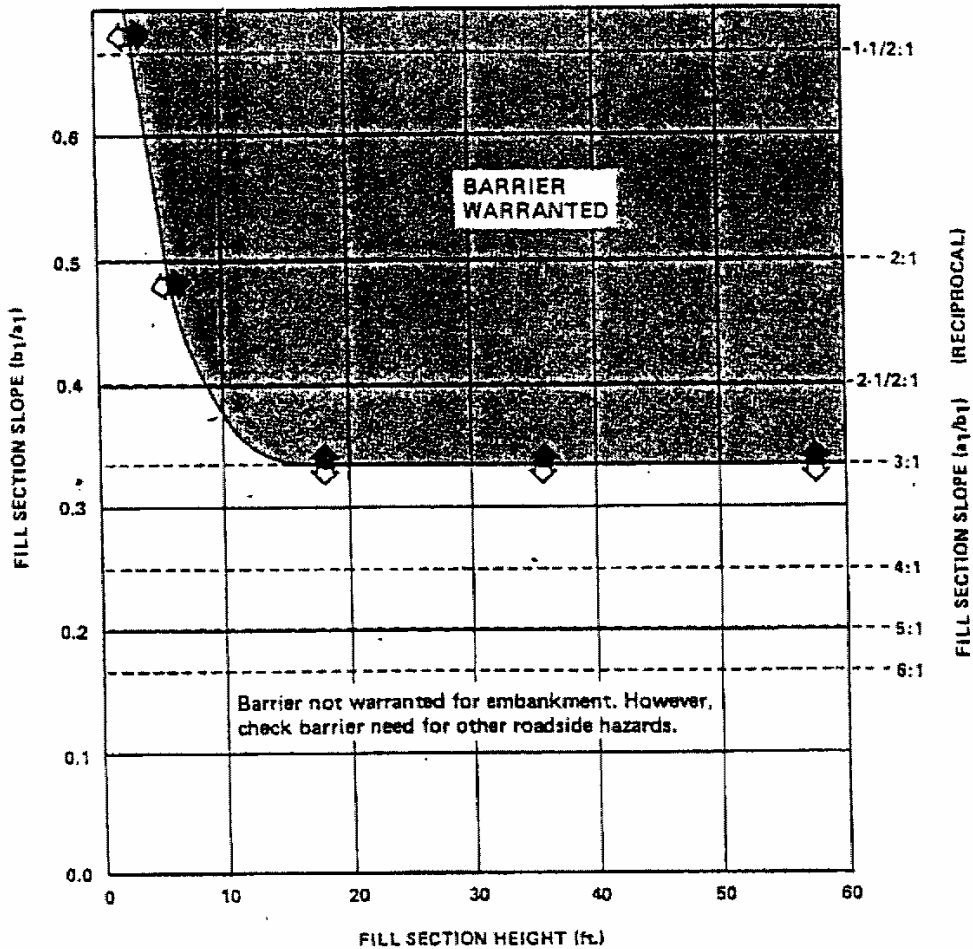
# SUBDIVISION REGULATIONS



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# SUBDIVISION REGULATIONS



Reference: Guide for Selecting, Locating and Designing Traffic Barriers, AASHTO, 1977.

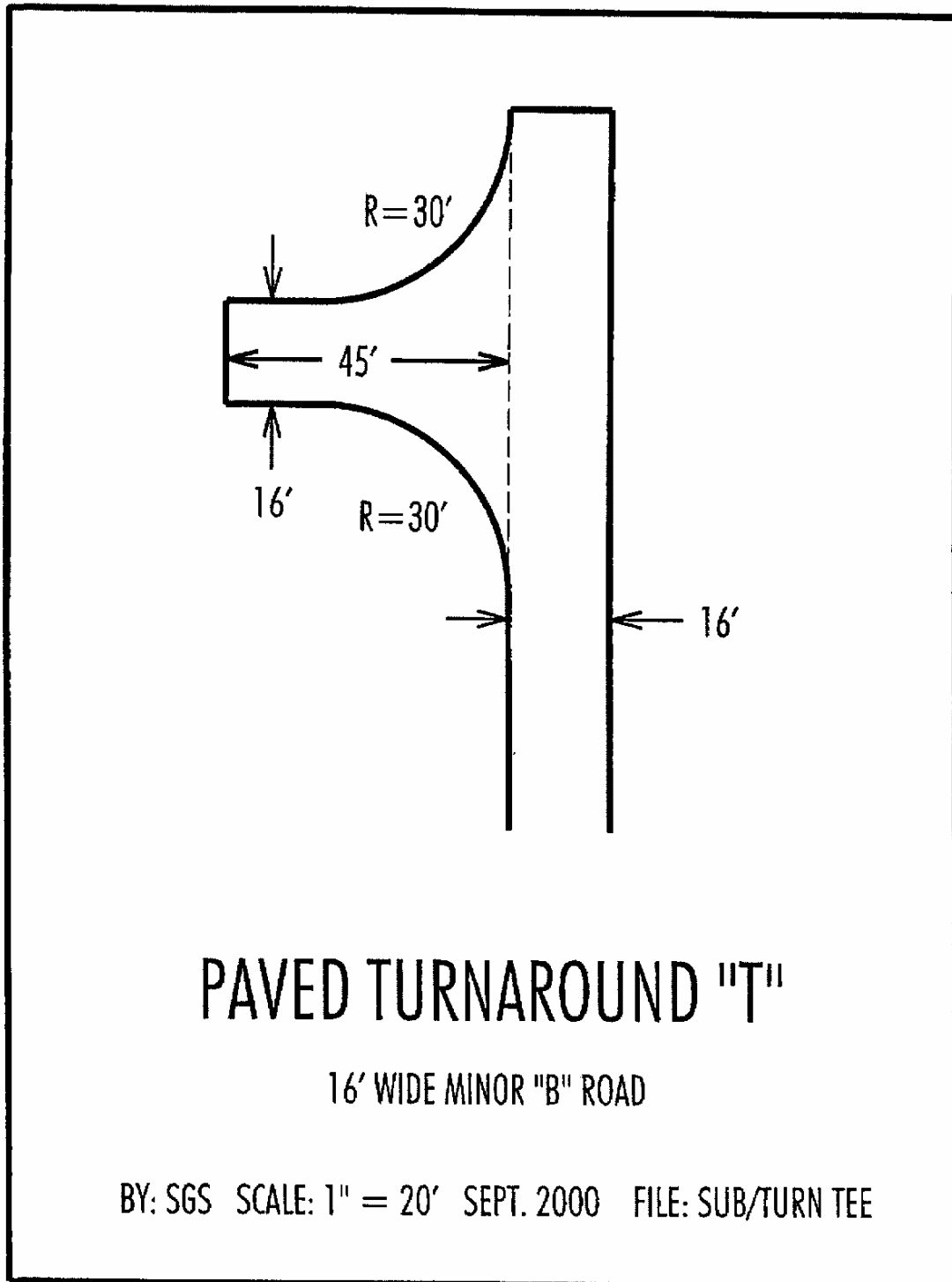
Note: 1. Use guardrail when roadside dimensions fall on the line (e.g., is 3:1 and height is 20 ft.)

Note: 2. Guardrail maybe required for other roadside hazards.

## GUARDRAIL WARRANT



SUBDIVISION REGULATIONS



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