



# Prefeitura Municipal de Votorantim

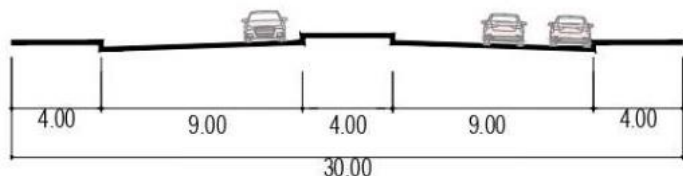
“Capital do Cimento”

Estado de São Paulo

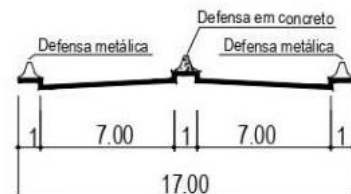
## Quadro 3 – Vias de Circulação

Obs: medidas mínimas

VIA ARTERIAL  
padrão existente



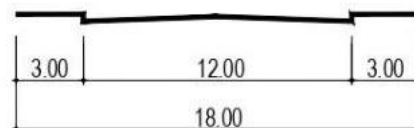
VIA EXPRESSA



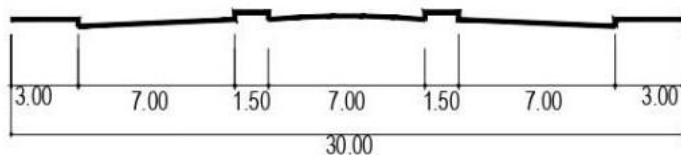
VIA ARTERIAL  
padrão existente com ciclovia



VIA COLETORA (AVENIDA)  
padrão existente



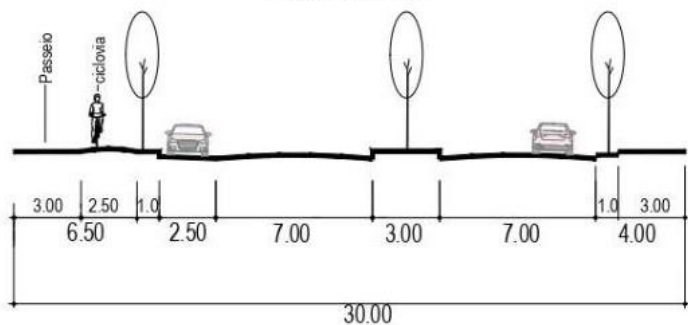
VIA ARTERIAL  
padrão existente com corredor central



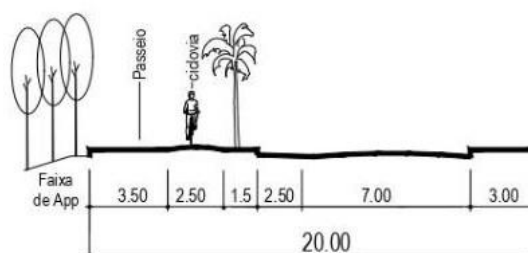
VIA COLETORA (AVENIDA)  
padrão ciclovia



VIA ARTERIAL  
suburbana



VIA COLETORA PARQUE



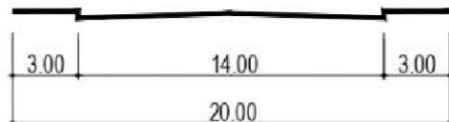


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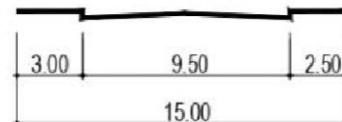
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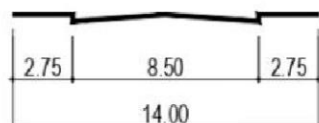
## VIA COLETORA (AVENIDA) em Zona Industrial



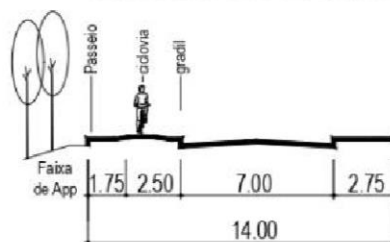
## VIA MARGINAL nas Rodovias



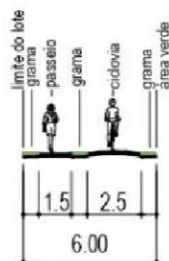
## VIA LOCAL DE 14,00 m



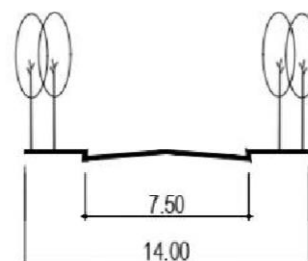
## VIA LOCAL PARQUE



## VIA DE PEDESTRES EM SISTEMAS DE LAZER



## LOCAL EM ZCRH E ESTRADA RURAL

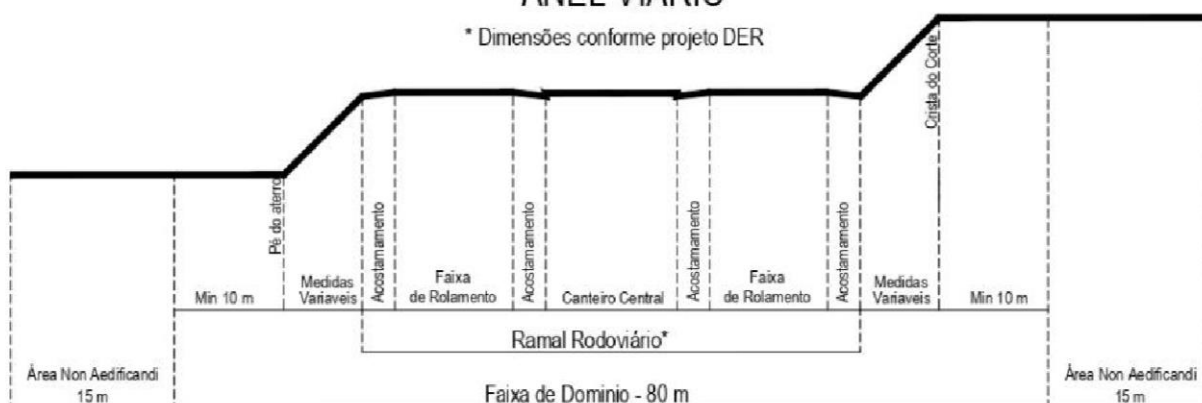


## VIA LOCAL DE 12,00 m



## ANEL VIÁRIO

\* Dimensões conforme projeto DER





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## **Declividade Mínima para todas as vias – 0,5%**

### **Declividade Máxima**

Via Arterial (Padrão Existente) – 8%

Via Expressa – 6%

Via Arterial (Padrão Existente com ciclovia) – 8%

Via Coletora (Avenida, Padrão Existente) – 8%

Via Arterial (Padrão Existente com corredor central) – 8%

Via Coletora (Avenida, padrão ciclovia) – 8%

Via Arterial (Suburbana) – 8%

Via Coletora Parque – 8%

Via Coletora (Avenida, Zona Industrial) – 8%

Via Marginal das Rodovias – 10%

Via Local de 14m – 10%

Via Local Parque – 10%

Via de Pedestres em sistemas de lazer – 6%

Local em ZCRH e Estrada Rural – 10%

Via Local de 12m – 10%

Anel Viário – 6%

Cul de Sac – 15%

**OBS: Para o Balão de Retorno em Cul de Sac, diâmetro mínimo de 14m para leito carroçável.**