

* (7) 绘制梁的钢筋表, 如表 4.8 所示。

$$\textcircled{1} \text{号钢筋下料长度} = l_n + \max[(12d), (\text{支座宽} - \text{保护层厚度})] \times 2$$

$$= 5760 + \max[(12 \times 18), (240 - 20)] \times 2$$

$$= 6200 \text{ mm}$$

$$\textcircled{2} \text{号钢筋下料长度} = l_n + \max[(15d), (\text{支座宽} - \text{保护层厚度})] \times 2 + 2 \times 6.25d$$

$$= 5760 + \max[(15 \times 12), (240 - 20)] \times 2 + 2 \times 6.25 \times 12$$

$$= 6350 \text{ mm}$$

$$\textcircled{3} \text{号钢筋下料长度} = l_n + 15d \times 2 + 2 \times 6.25d$$

$$= 5760 + 15 \times 12 \times 2 + 2 \times 6.25 \times 12$$

$$= 6270 \text{ mm}$$

$$\textcircled{4} \text{号钢筋下料长度} = [(200 - 20 \times 2) + (500 - 20 \times 2)] \times 2 + 1.9d \times 2 + \max[5d, 50] \times 2 - 3 \text{ 个 } 90^\circ \text{ 量度差值}$$

$$= (160 + 460) \times 2 + 1.9 \times 8 \times 2 + 50 \times 2 - 3 \times 2.288d$$

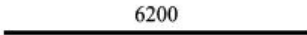
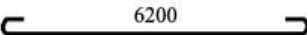
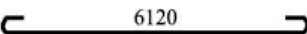
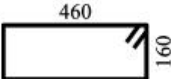
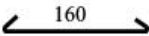
$$= 1316 \text{ mm}$$

$$\textcircled{5} \text{号钢筋下料长度} = (200 - 20 \times 2) + 1.9d \times 2 + \max[5d, 50] \times 2 = 290 \text{ mm}$$

$$\textcircled{4} \text{号箍筋数量} = (5760 - 50 \times 2) \div 200 + 1 = 29 \text{ (根)} \quad 29 + 2 \times 2 = 33 \text{ (根)}$$

$$\textcircled{5} \text{号拉筋数量} = (5760 - 50 \times 2) \div 400 + 1 = 15 \text{ (根)}$$

表 4.8 例题 4.1 附表

构件名称	钢筋编号	规格等级	形 状	下料长度/mm	根数
L1	①	$\Phi 18$		6200	4
	②	$\Phi 12$		6350	2
	③	$\Phi 12$		6270	2
	④	$\Phi 8$		1316	33
	⑤	$\Phi 8$		290	15