

is 3.520, the web thickness is 0.520 and the area is 11.8 in².

B: Slow down, please. Can you read them again?

A: Sure. Depth 15, width 3.520, web thickness 0.520 and the area is 11.8 in².

B: OK, thanks.

A: And the last one is the rod. This time the dimensions are in metric. The radius is 13 mm and the length is 3 m.

B: 13 mm and 3 m. OK, great. Thanks.

Unit 8 Planning ahead

47

I'd like to explain the project schedule for the Highway 473 beam bridge. As you can see from the slide, the design phase will take from March to June. At the end of May we'll begin the site preparations, which will take four months. At the beginning of August we'll start work on the foundations. These will take until the beginning of November. In November we'll start work on the piers, which will take around three months. In the middle of February we'll start work on the superstructure, and in June we'll lay the deck. The opening ceremony will be in July next year.

48

1 A: How about Wednesday the 23rd? For the project meeting, I mean?

B: Yes, that's fine with me. I'm free all day.

2 A: Let's meet on Tuesday.

B: The 8th?

A: No, the 15th. I can't make the 8th. I have to visit a supplier.

B: OK, no problem.

3 A: We need to meet next week. How about the 24th or 25th?

B: The 24th is no good. I have another meeting that day, about the hospital project.

A: Ah, yes. Then we'll have to meet on the 25th.

B: OK. It's in the diary.

4 A: Are you free on Friday the 11th?

B: I'm sorry, Friday is full. How about the 14th?

A: Yes, that's OK. I'll be there in the afternoon.

B: OK.

5 A: How about the 28th?

B: I'm sorry. The 28th is no good. I have a project meeting.

A: OK. How about the 27th?

B: The 27th is full, too. But I'm free on the 26th.

A: The 26th? Yes, that's fine with me, too. Great.

49

1 six o'clock

2 seven fifteen or quarter past seven

3 nine twenty-five or twenty-five past nine

4 ten thirty or half past ten

5 eleven forty-five or quarter to twelve

6 twelve fifty-five or five to one

50

1 A: Hi! Rebecca. The client will be here at nine o'clock. A Ms Gorski – Anita Gorski.

B: OK, thanks.

2 A: Hi! Rebecca. The meeting with the subcontractors is now at nine fifteen.

B: OK, that's no problem.

3 A: What time is it?

B: It's three twenty-five.

A: And when will the concrete be here?

B: Between four and four thirty.

A: Hmm. We'll have to hurry.

B: Yes.

4 A: What's the time?

B: I don't know. About five thirty maybe?

A: He's late. He said five fifteen.

B: Who said five fifteen?

A: The contractor. Mr Perez.

B: I see.

5 A: What time is the project meeting?

B: It starts at 10 a.m. and finishes at around 5 p.m.

A: Seven hours?

B: Yes.

6 A: How about nine forty-five to talk about the rebar delivery?

B: No, I'm sorry. I can't make that. How about half past ten?

A: Yes, half past ten is fine.

7 A: Are you free at quarter to four? Mr Sanchez will be here.

B: Yes, of course. No problem.

51

A: Can we talk about the quantities now?

B: Sure.

A: What will we need? How many blocks?

B: We'll have ten square metres of brickwork in the wall, so we'll need 100 blocks. It's roughly ten blocks per square metre.

A: OK. And how much mortar will we need?

B: Let's see. We calculate two bags per square metre, so that's ...

A: Twenty bags.

B: Yes, exactly.

A: OK, that's fine. What about the path?

B: The path will be concrete. We'll need about one cubic metre of concrete. So that will be eight bags of cement, twenty-five bags of sand, forty-five bags of gravel and, of course, water.

A: Sorry, how many bags of gravel did you say?

B: Forty-five. And twenty-five bags of sand.

A: OK. And how much water will we need?

B: 150 litres will be enough.

A: OK, that won't be a problem.