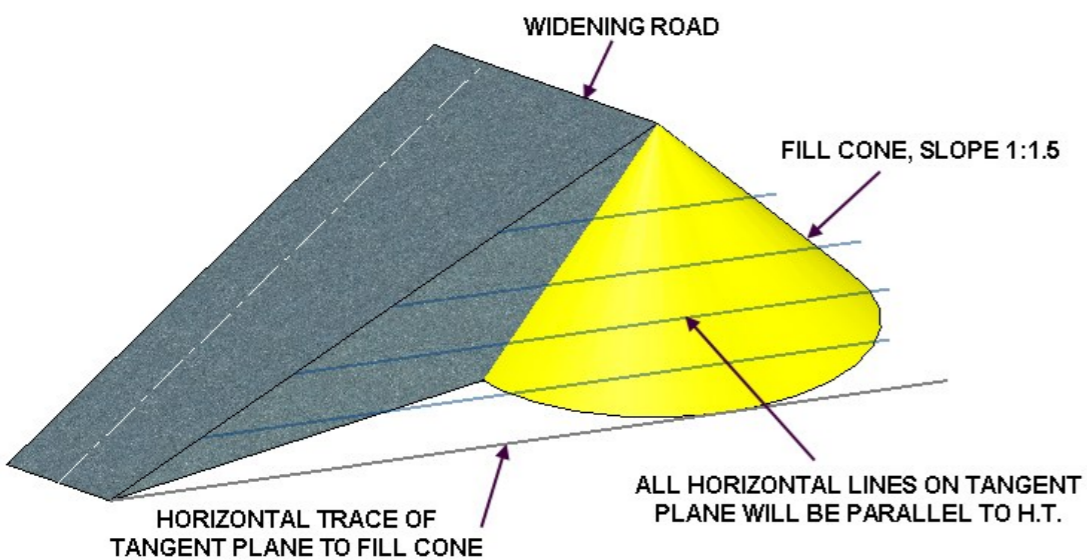
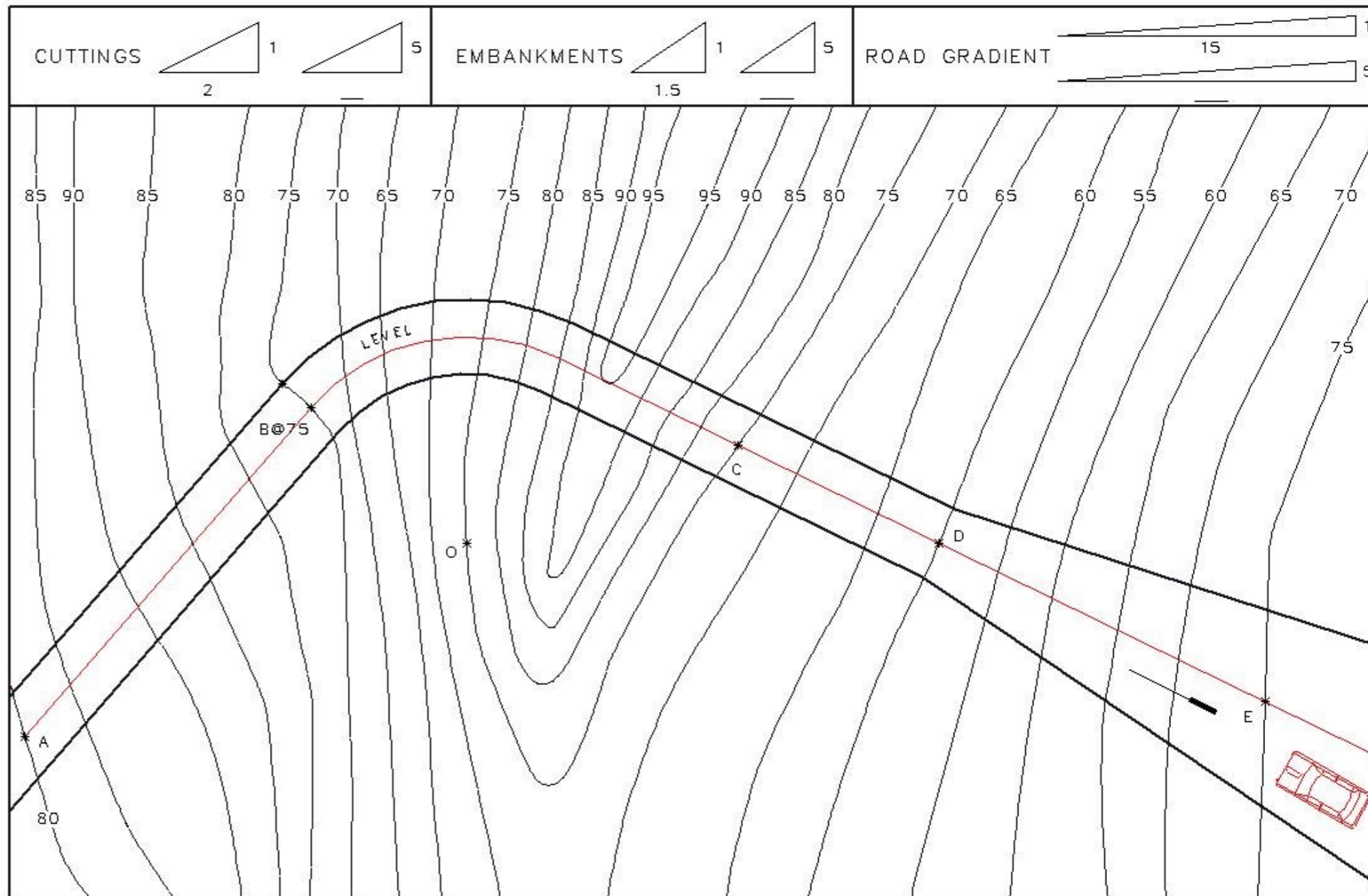


EXTEND THE ROAD EDGE TO INTERSECT A FORMATION LEVEL ON THE ROAD. CONTINUE AS NORMAL USING THIS NEW ROAD EDGE.



EARTHWORKS 6

The accompanying drawing shows ground contours at five-metre intervals. ABCDE is the centreline of a proposed roadway. O is the centre of the circular curve. The roadway has the following specifications.

- (i) formation width as shown.
- (ii) formation level at B is 75m
- (iii) A to B is 1 in 15 rising; B to C is level; C to E is 1 in 15 rising.
- (iv) side slopes for cuttings 1 in 2
- (v) side slopes for embankments 1 in 1.5

On the drawing show the earthworks necessary to accommodate the roadway.



TECHNOLOGY
SUBJECTS
SUPPORT
SERVICE

DESIGN & COMMUNICATION GRAPHICS

GEOLOGIC GEOMETRY 12

NAME: _____ DATE: _____