

# Ancient

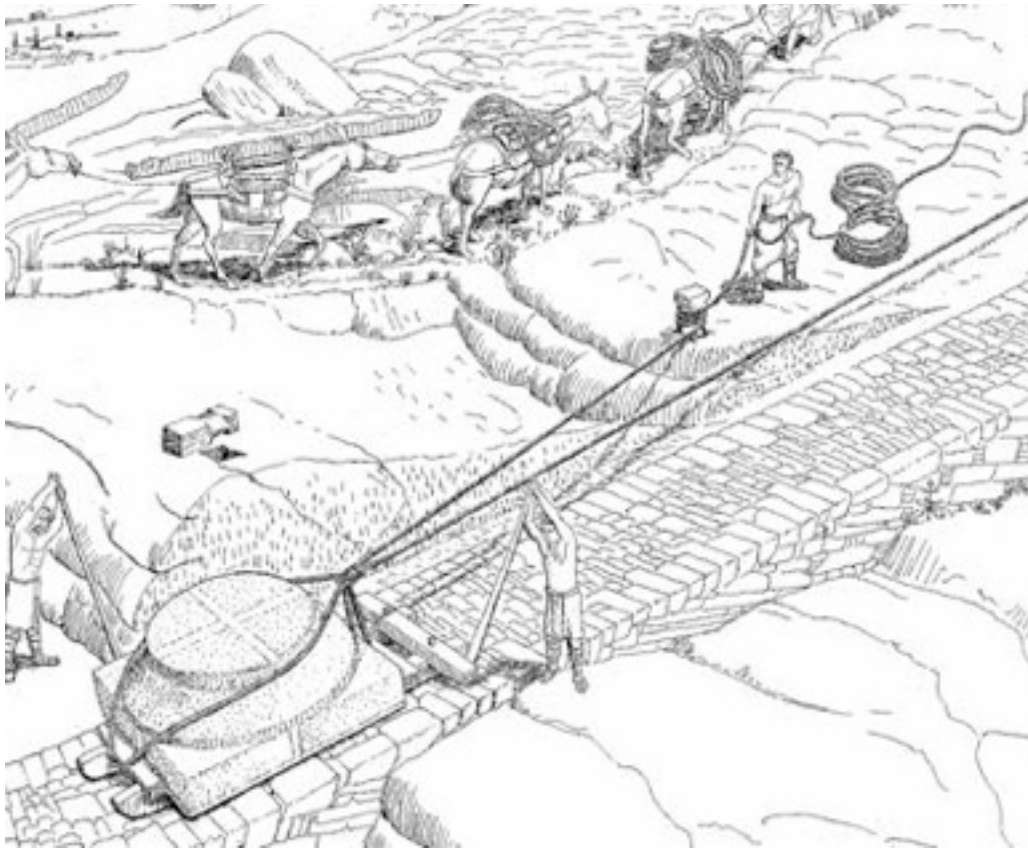
## Use

- Pavement was used for roads, markets, sidewalks, and important pedestrian areas such as outdoor temples



# Ancient

- paving a road or market in ancient times required a large amount of time and resources.
- As a result pavement was typically used for very important projects or spaces



## Scale

- Looking at Egypt, roads were constructed to help build the pyramids
- The roads had to match the scale of the blocks being used for the pyramids, which resulted in much of the ancient world having relatively large paving materials

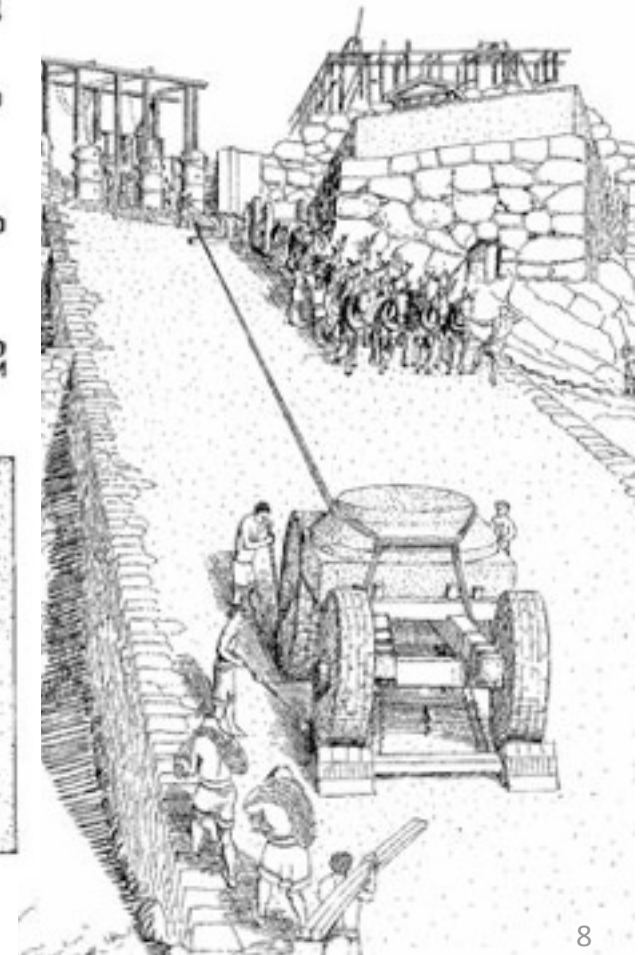
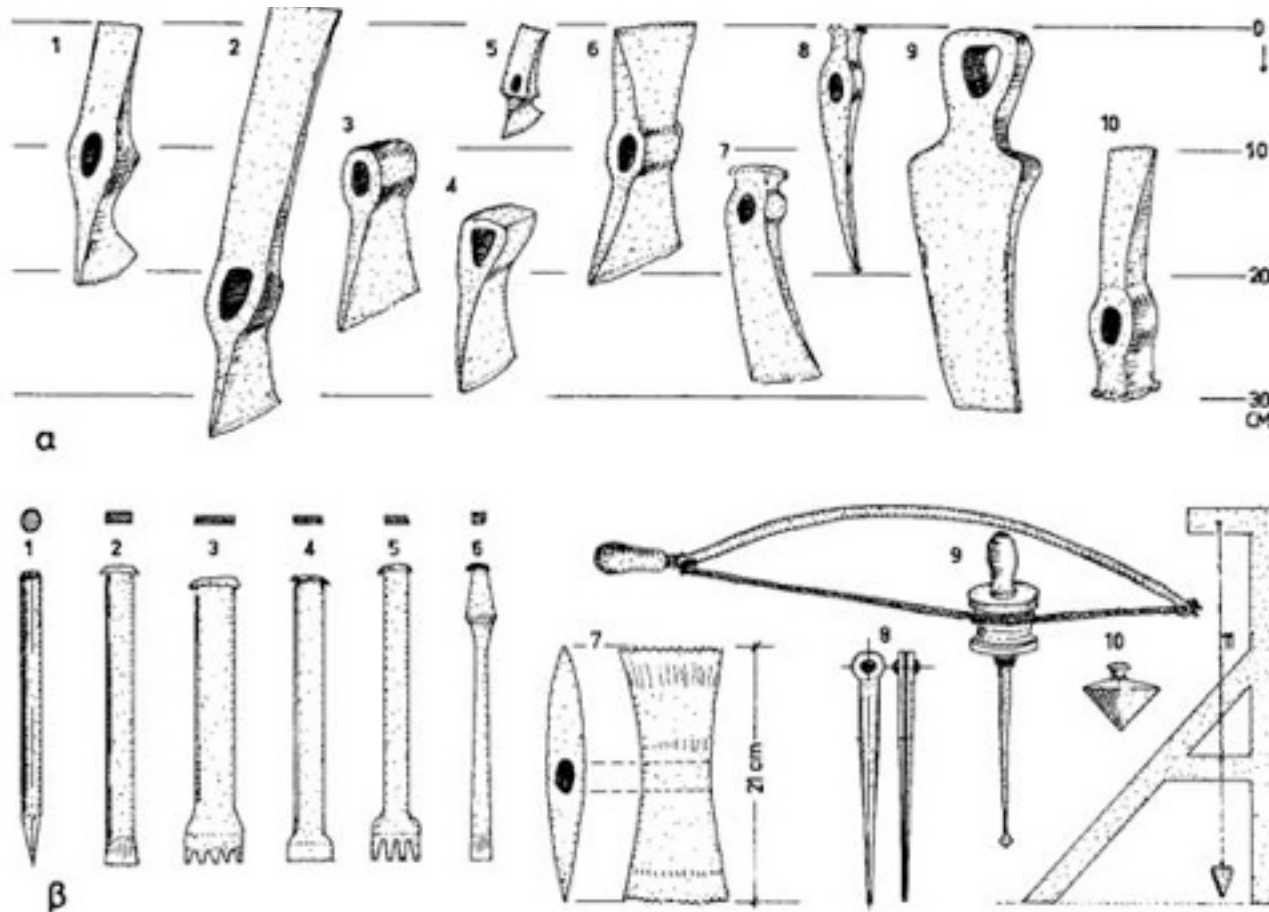




# Ancient

# Construction

- It was pretty incredible how much ancient people were able to construct
- Many of the tools used to cut the stone used for pavers remained the same even into modern times
- Hoists and pulleys were used to help move large loads.
- The pavements that lasted to modern day were constructed in much the same way as modern pavements

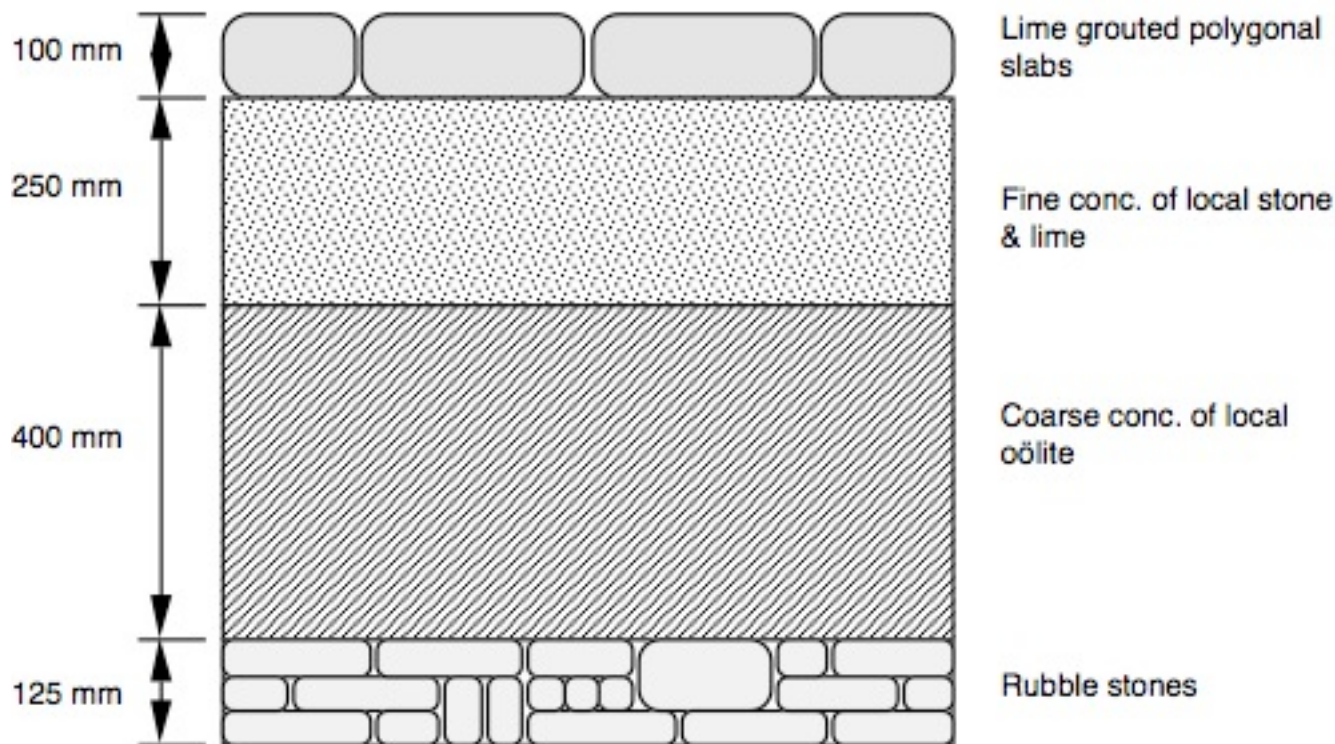


# Ancient

- Typical construction consisted of...
  - Coarse rubble stones as a base
  - Oolite was used above the rubble
    - oolite is natural oval shaped stone
  - a finer section of lime was used
  - larger slabs with a lime grout were used to pave the surface

## Construction

- Pavement was often a locally sourced stone



# Ancient

- Stone is the most common pavement that is found today
- The oldest known paved road was recently discovered in Egypt
  - The road was constructed with limestone, sandstone, and wood.



# Materials

- One of the earliest civilizations in Mesopotamia used paving materials on their temples to the gods





# Ancient

## Interlocking Pavement

- The Romans used an early form of an interlocking paver at Pompeii

