

Technical cross-section drawing of a railway track structure. The drawing shows a concrete slab (SZYNA S49) with internal and external concrete plates (ŻELBETOWA PŁYTA WEWNĘTRZNA and ŻELBETOWA PŁYTA ZEWNĘTRZNA). It includes a central rail (OŚ TORU) and various layers of gravel (GRYS 2/5mm) and concrete (ŁAWA BETONOWA). Dimensions and material specifications are provided for each component.

Labels and dimensions:

- ŻELBETOWA PŁYTA CBP 140x130x3000
- WYPEŁNIENIE Z EMULSJI ASFALTOWEJ
- SZYNA S49
- OŚ TORU
- ŻELBETOWA PŁYTA WEWNĘTRZNA CBP 140x130x3000
- ŻELBETOWA PŁYTA ZEWNĘTRZNA CBP 140x130x3000
- OPORNIK 120/250
- "A"
- UZUPEŁNIENIE KRUSZYWO ŁAMANE ST. MECH. 0/31.5
- GRYS 2/5mm
- PODBUDOWA TOROWISKA Z TŁUCZNIĄ ŁAMANEGO
- GRYS 2/5mm
- STRUNOBETONOWY PODKŁAD KOLEJOWY
- GRYS 2/5mm
- ŁAWA BETONOWA C15/20
- KONSTRUKCJA JEZDNI WG PRZĘKROJU NR 1

Dimensions: 18, 12, 10, 130, 7, 7, 130, 12.

The diagram illustrates a cross-section of a road structure. The total width of the road is 813 cm. The central driving lane (JEZDNIJA) is 600 cm wide. On both sides of the lane, there are shoulders (POBOCZE) that are 100 cm wide. The shoulders are sloped at a ratio of 1:1.5. The road surface is composed of several layers: a top layer of asphalt concrete (AC 11S) with a thickness of 4 cm, a binding layer of asphalt concrete (AC 16W) with a thickness of 5 cm, a base layer of crushed material (GR.22) with a thickness of 22 cm, and a sub-base layer of crushed material (GR.31.5) with a thickness of 50 cm. The total thickness of the road structure is 81 cm. The road is designed for a traffic volume of 100 vehicles per day. The road is located in a rural area with a design speed of 40 km/h. The road is classified as a single-lane road with a one-way traffic flow. The road is designed for a service life of 15 years. The road is designed for a traffic volume of 100 vehicles per day. The road is located in a rural area with a design speed of 40 km/h. The road is classified as a single-lane road with a one-way traffic flow. The road is designed for a service life of 15 years.

POBOCZE UTWARDZONE	WARSTWA ŚCIERALNA Z BETONU ASFALTOWEGO AC 11S GR.4cm
KRUSZYWEM ŁAMANYM	WARSTWA WIĄZĄCA Z BETONU ASFALTOWEGO AC 16W GR.5cm
STABILIZOWANYM MECHANICZNIE 0/31,5	PODBUDOWA Z KRUSZYWA ŁAMANEGO GR.22cm
GRUBOŚCI ŚREDNIO 12cm	STABILIZOWANEGO MECHANICZNIE 0/31,5 (50/30)
	WARSTWA ODCINAJĄCA GR.15cm
	Z GRUNTU STABILOZONYM CEMENTEM Rm=5MPa

Technical drawing showing a cross-section of a concrete structure. The drawing includes the following dimensions and labels:

- Top Labels:**
 - PLYTA ZEWNETRZNA
 - CBP 140x130x3000
- Horizontal Dimensions (Top):**
 - 10
 - 12
 - 18
- Horizontal Dimensions (Bottom):**
 - 40
- Vertical Dimensions (Left):**
 - 15
 - 45
 - 20
 - 5
 - 14
- Vertical Dimensions (Right):**
 - 35
 - 20
 - 15
- Other Labels:**
 - OPORNIK 120/250
 - ŁAWA BETONOWA
 - C15/20
- Structural Details:**
 - A blue line indicates a reinforcement bar (CBP) passing through the structure.
 - A purple line indicates a reinforcement bar (CBP) at the bottom.
 - A black dot indicates a reinforcement bar (CBP) within the concrete.
 - A hatched area represents the concrete structure.
 - A stippled area represents the concrete structure.
 - A cross-hatched area represents the concrete structure.
 - A diagonal hatched area represents the concrete structure.

POBOCZE UTWARDZONE
KRUSZYWEM ŁAMANYM

POBOCZE 100

JEZDNIA 600

50

SPADEK DOSTOSOWAĆ DO POCHYLENIA SZYN TORU

POBOCZE 100

55 30

5% 1:1.5

813

KONSTRUKCJA NAWIERZCHNI WEDŁUG PRZESZKROJU NR 2

5.3