

Dr. M. THULLIE



Mosty belkowe i jarzma

## SPIS TABLIC.

Tabl. 1. Pomost mostów drogowych.

- " 2. i 3. Pomost mostów drewnianych.
- " 4. i 5. " i poręcze.
- " 6. Poręcze.
- " 7. "
- " 8. Pomost mostów kolejowych.
- " 9. Pomost i chodniki.
- " 10. Mosty leżajowe.
- " 11. Zakończenie mostów.
- " 12. Pomost i poręcze.
- " 13. i 14. Pomost.
- " 15. Most ukośny.
- " 16. Belki zazębione.
- " 17. Mosty ukośne.
- " 18. Poręcze.
- " 19. Obliczenie belek drewnianych.
- " 20. Most na rzece Mołdawie kolei Hatna-Kimpolung.
- " 21. Poręcze.
- " 22. i 23. Most na Sołońcu kolei Hatna-Kimpolung.
- " 24. i 25. Mosty w łuku.
- " 26. Mosty zastrzałowe.
- " 27. Układ siodełek.
- " 28. Siodełka.
- " 29. Siodełka z zastrzałami.
- " 30. Belki klinowe.
- " 31. Mosty o belkach zazębionych i kloekowych
- " 32. Mosty kloekowe kolei Południowej austr.
- " 33. Mosty o belkach złożonych.
- " 34. Most nad potokiem Liesing kolei Rudolfa.
- " 35. Mosty o belkach złożonych.
- " 36. i 37. Mosty kolei arcyksięcia Albrechta.
- " 38. i 39. Belki klinowe.
- " 40. Jarzma.
- " 41. Jarzma nasadzone.

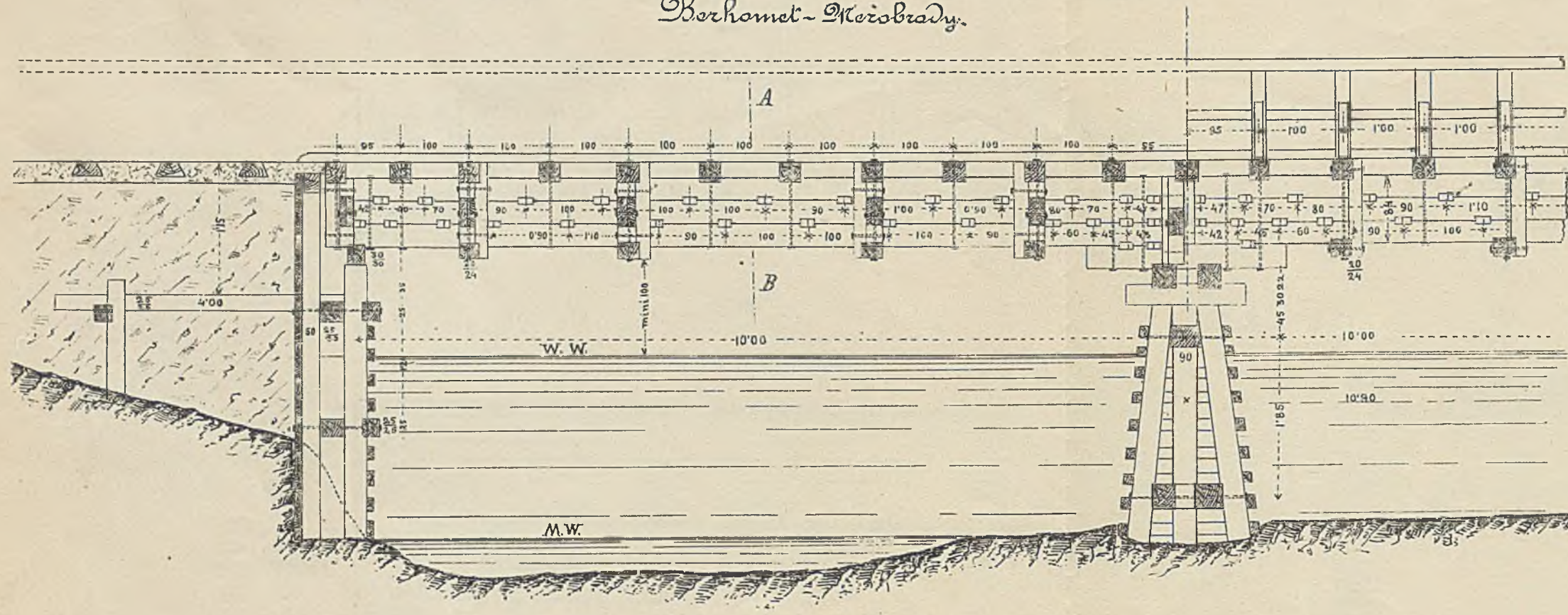
Tabl. 42. Belki złożone.

- " 43. Belki zazębione.
- " 44. Jarzma rzeczne.
- " 45. " nasadzone.
- " 46. " rzeczne.
- " 47. " wbite.
- " 48. " nasadzone, kolej austr. Południowa.
- " 49. " rusztowaniowe.
- " 50. " nasadzone.
- " 51. "
- " 52. Przejazdy austr. kolei Południowej.
- " 53. Dźwigary złożone.
- " 54. Jarzma i belki wzmocnione.
- " 55. Belki rozparte.
- " 56. Jarzma nasadzone.
- " 57. Most kolei pacyficznej w Ameryce.
- " 58. Jarzma wysokie.
- " 59. Mosty bez przyczółków.
- " 60. Mosty rusztowaniowe.
- " 61. " " "
- " 62. Szczegóły jarzm.
- " 63. Izbice.
- " 64. "
- " 65. Jarzma połączone.
- " 66. Jarzma. Most na Wełtawie w Pradze.
- " 67. Przyczółki drewniane bulwarowe.
- " 68. Most Naufarth na kolei Państwowej.
- " 69. Filar wieżowy mostu kolei Południowej.
- " 70. Jarzma piętrowe i izbice.
- " 71. Most kolejowy na Eiderze kolei Szlezwicko-Holsztyńskiej.
- " 72. Mosty amerykańskie.
- " 73. Mosty rusztowaniowe.
- " 74. Izbice i jarzma.



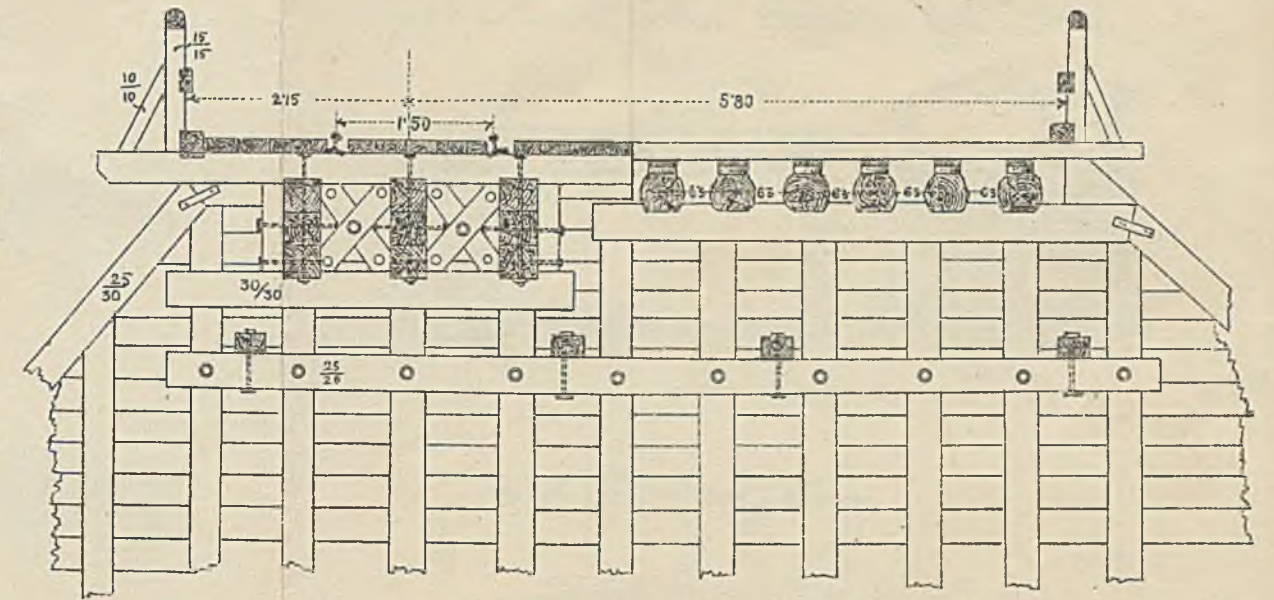
Pomost mostów drewnianych.

rys. 1. Most drogowy i kolejowy na Serecie kolei drugorzędnej  
Berhomel - Koźobradz.



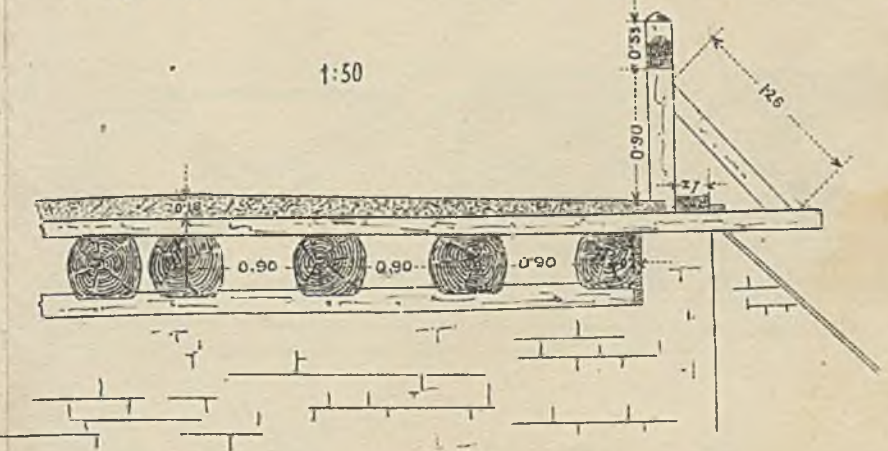
1:66 2/3

rys. 1.b. Przekrój A-B.



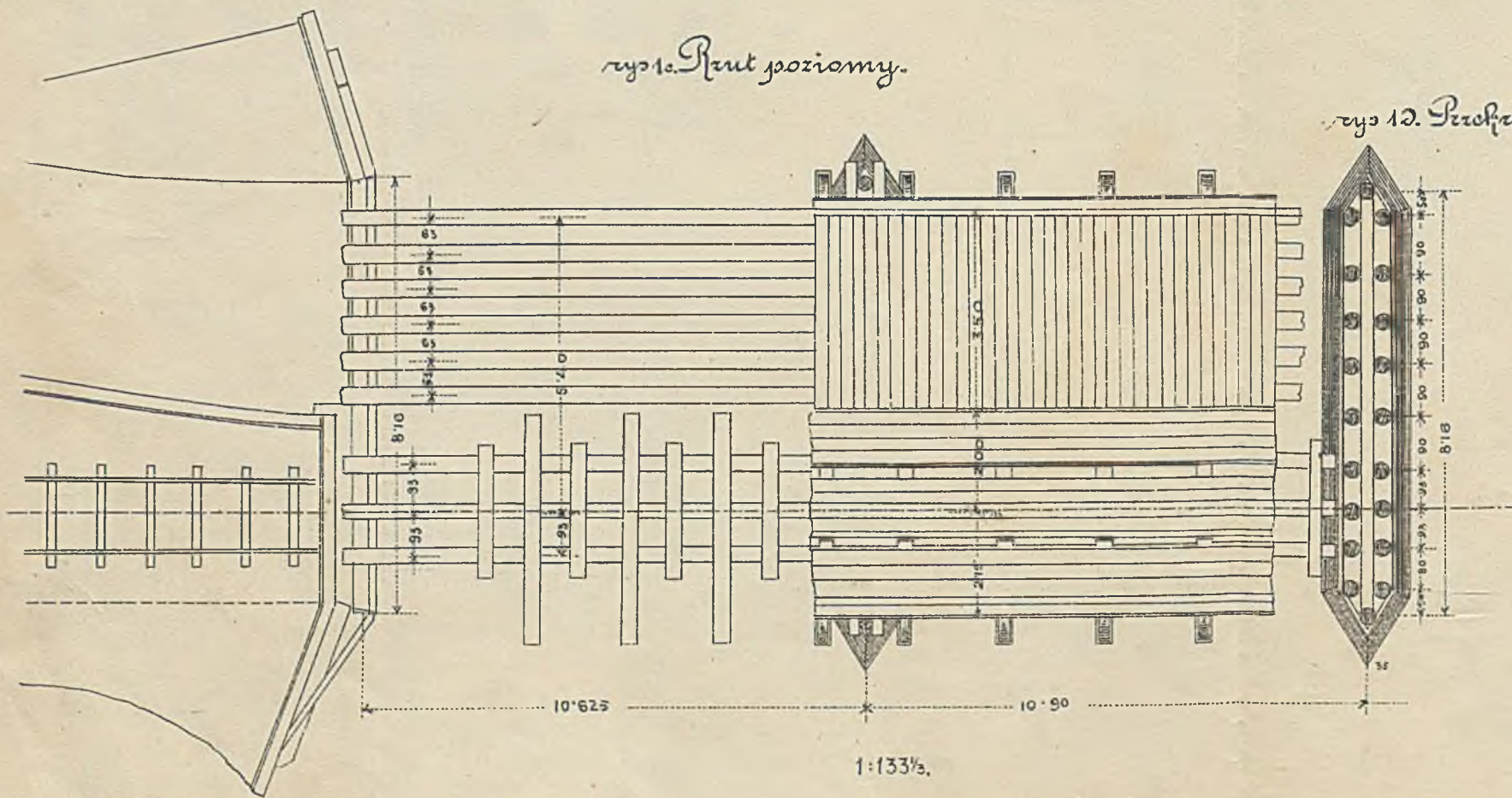
1:66 2/3

rys. 2. Most drogowy wedle normali galic. Wydziału Krajowego.



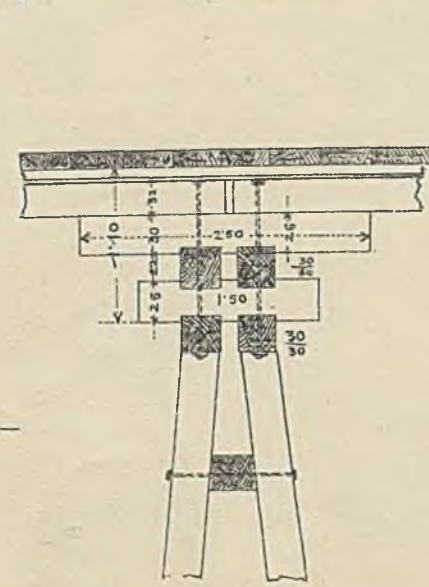
1:50

rys. 10. Plan poziomy.



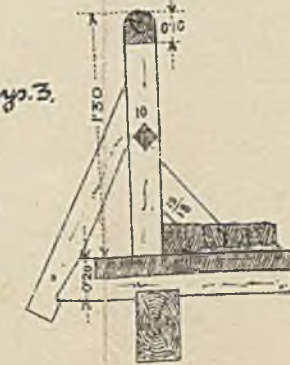
1:133 1/3

rys. 12. Przekrój podłużny jarzma drąkowego.



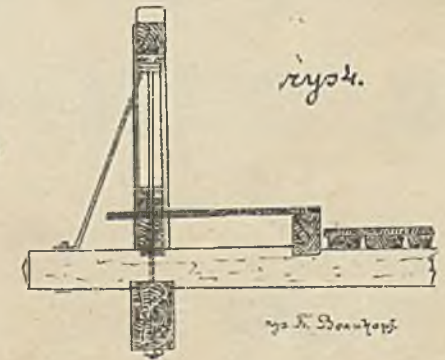
1:66 2/3

rys. 3.



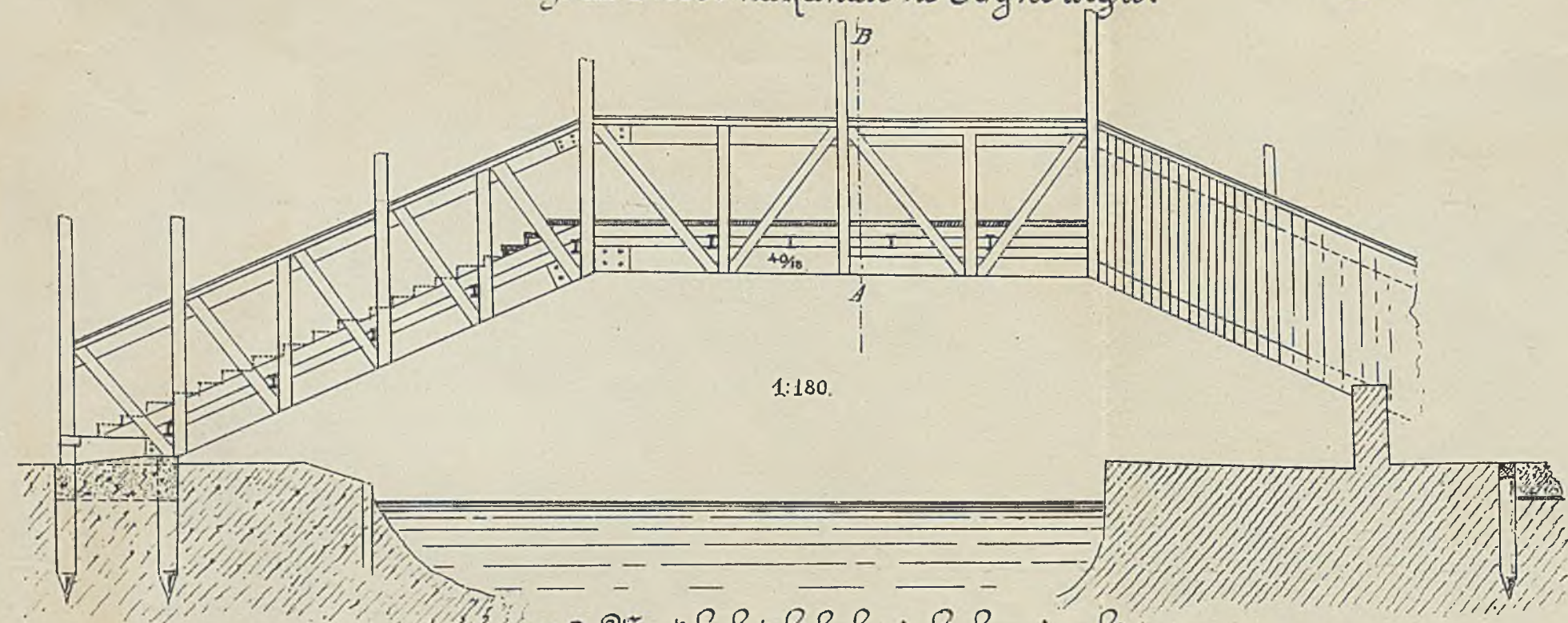
1:40

rys. 4.

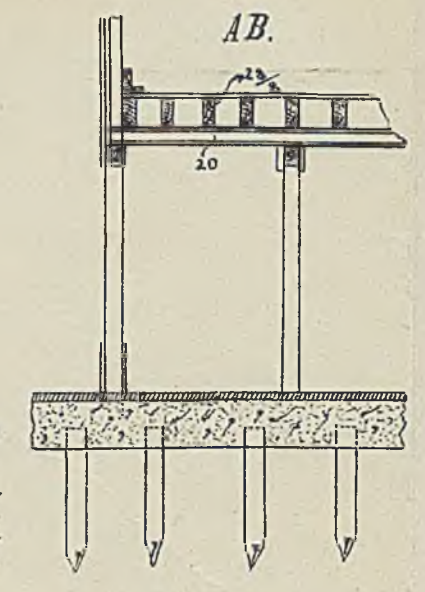


rys. 3.4. Most kolei Paryż - Orlean.

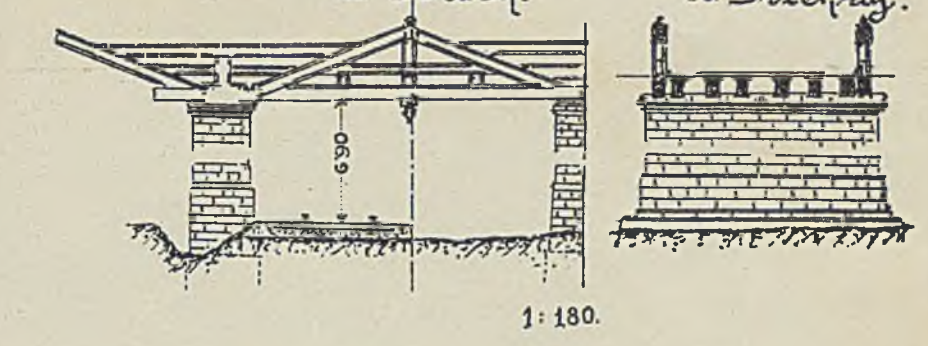
*Pomost i poręcze.*  
 rys. 1a. Most na kanale w Edynburgu.



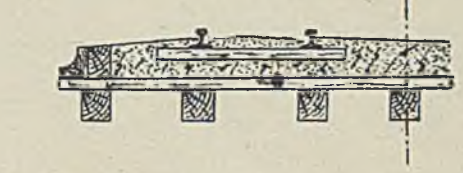
rys. 1.b.



rys. 3. Most kolei Dantz - Gieszen.  
 3a. Widok. 3b. Przekrój.



rys. 4. Most angielski.



rys. 2. Most kolei lokalnej bukowinokiej.

Przekrój.

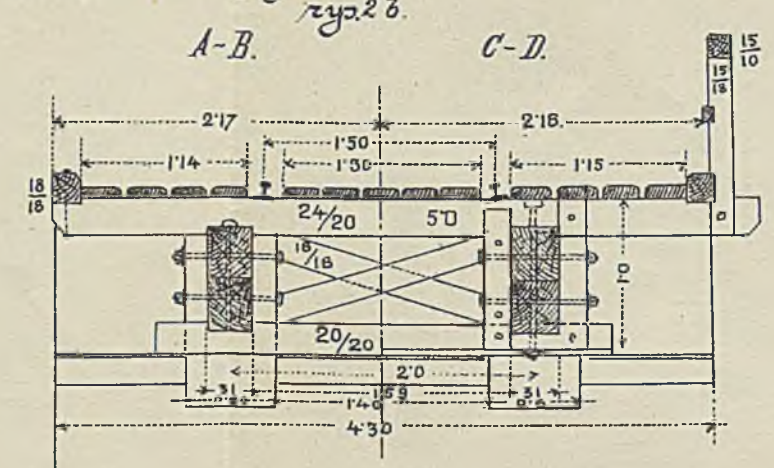
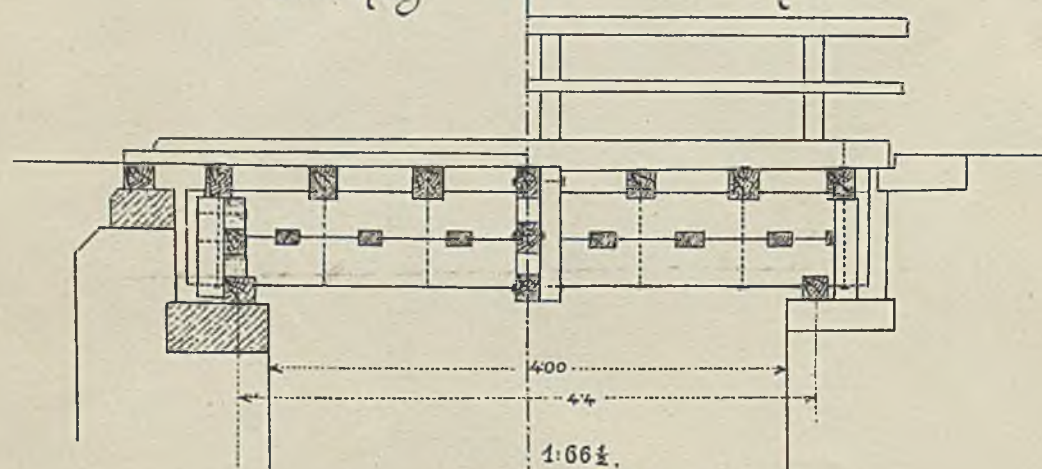
2a.

Widok.

rys. 2 b.

A-B.

C-D.



Widok z góry.

rys. 2c.

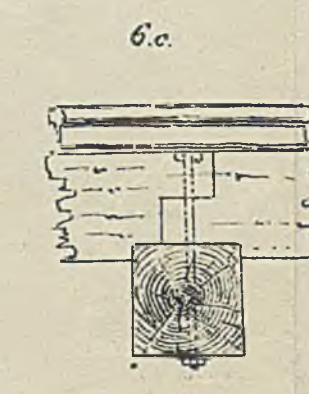
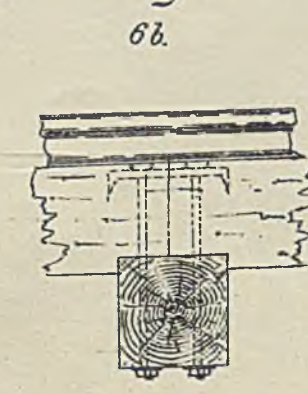
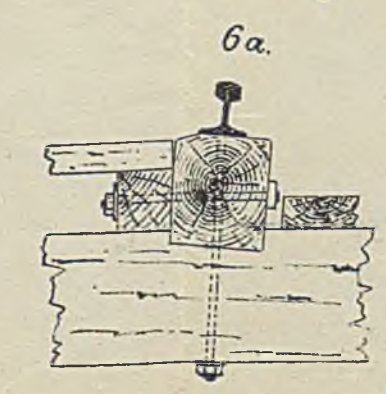
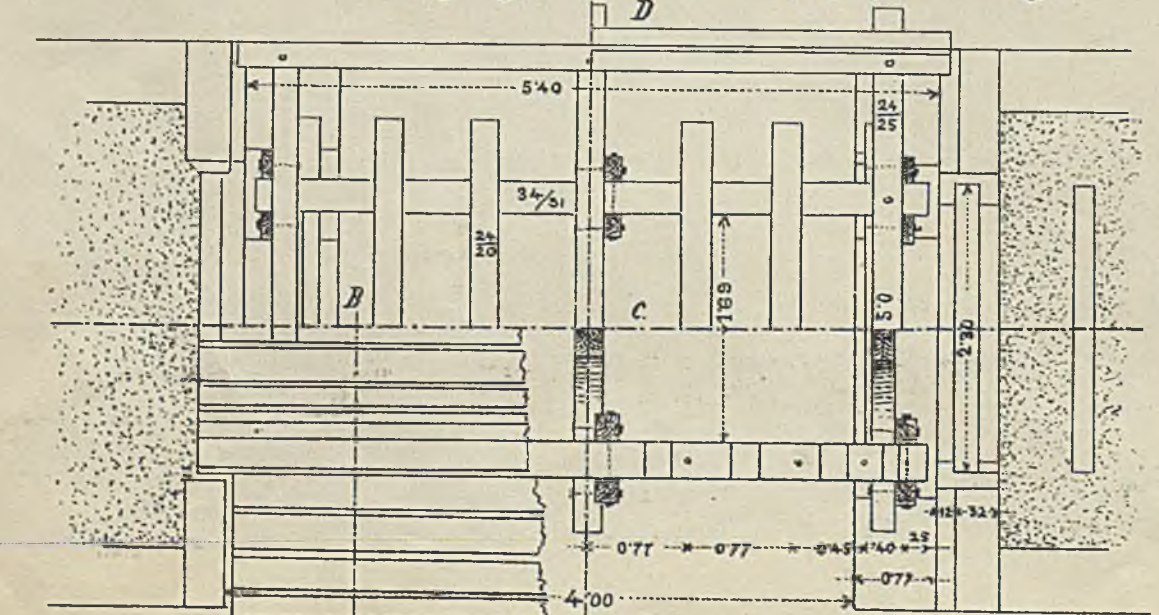
Przekrój poziomy.

rys. 6. Połączenie podłużnic.

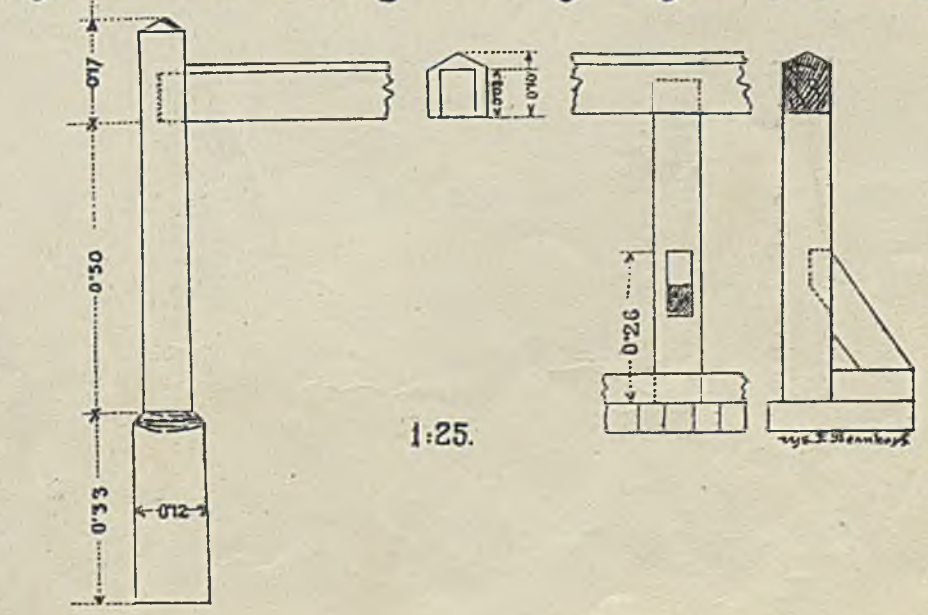
6a.

6b.

6c.



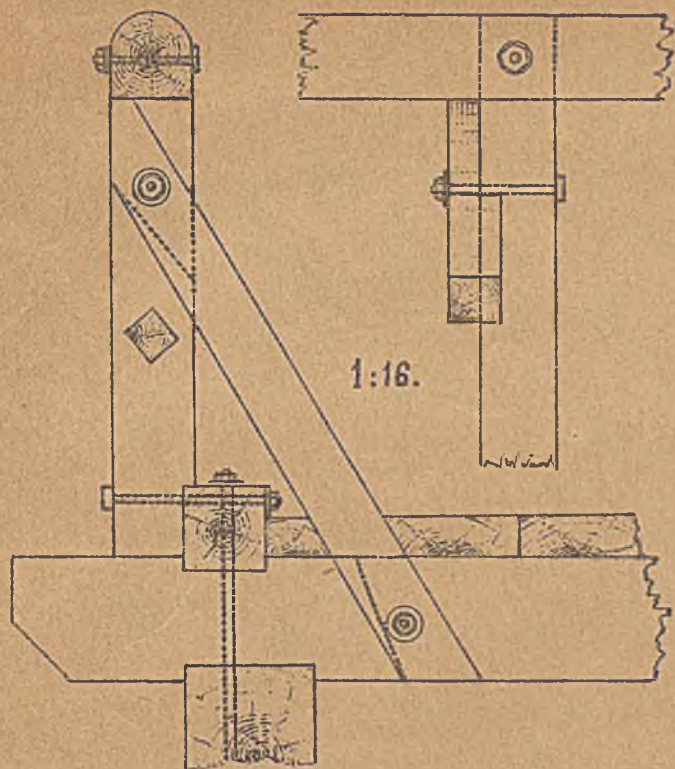
rys. 7. Poręcze według normalij Wydz. Krajowego.



PORECZE.

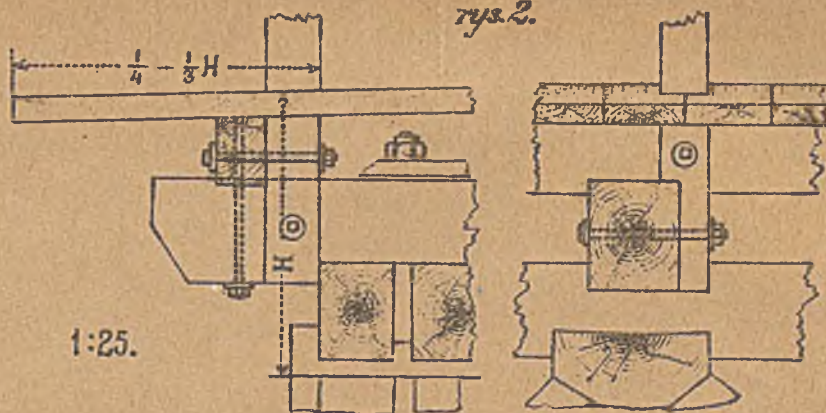
Tabl. 6.

rys. 1.

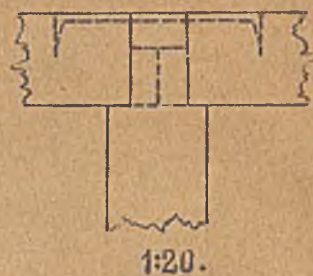


Rys. 1-3. Most kolei Państwowej austr.

rys. 2.



rys. 3.



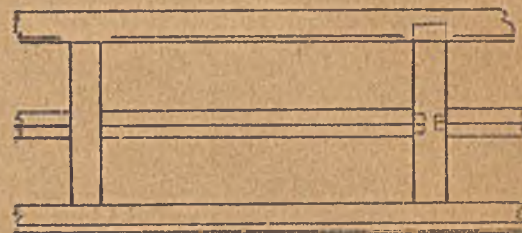
1:25.

1:20.

rys. 4.

rys. 4.b.

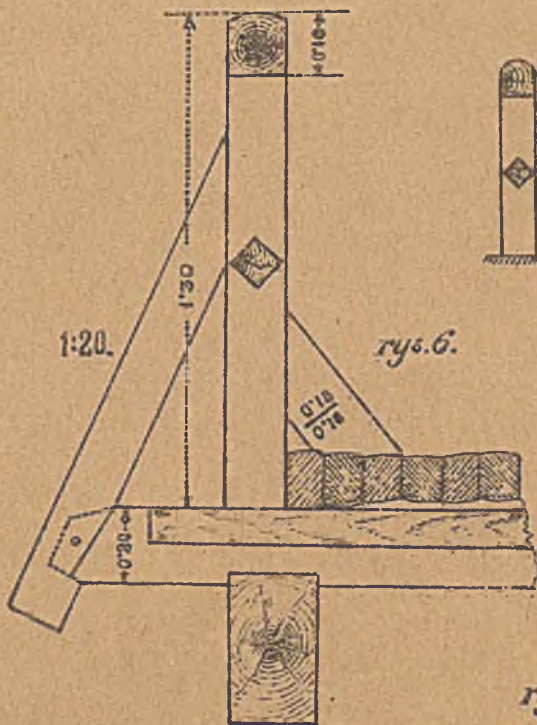
1:40.



Rys 5-9. Mosty francuskie.

1:20.

rys. 6.



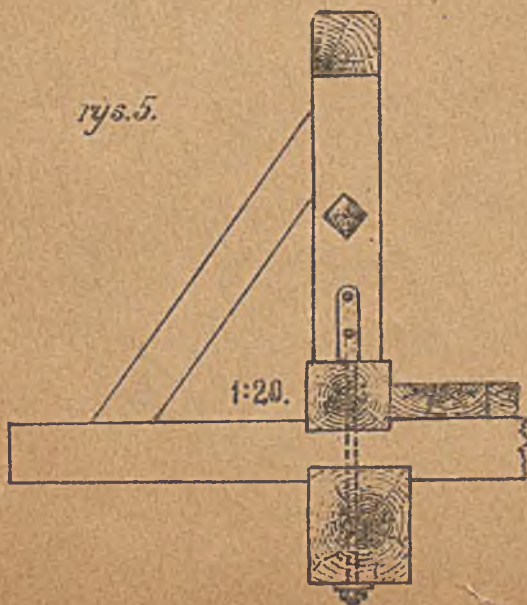
rys. 8.

1:40.



rys. 5.

1:20.



rys. 7.

1:40.



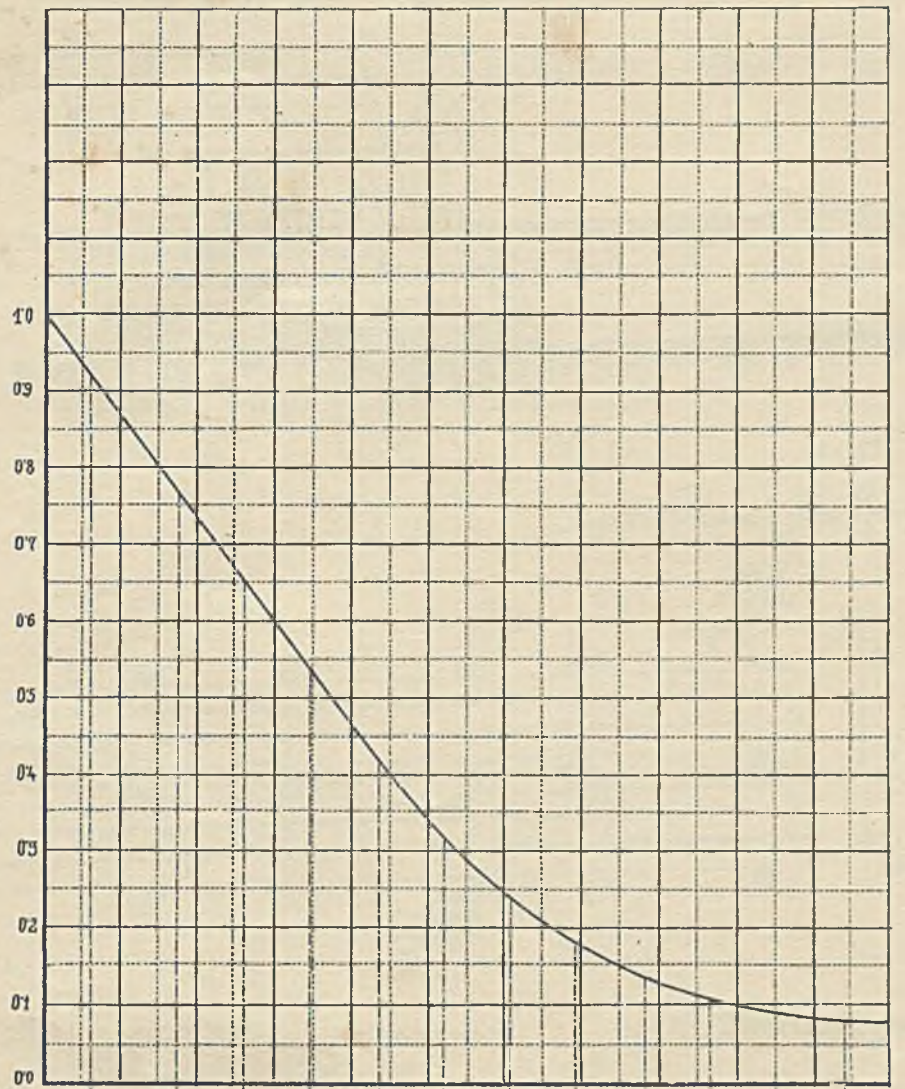
rys. 9.

1:10.



# Obliczenia belek drewnianych.

rys. 1.

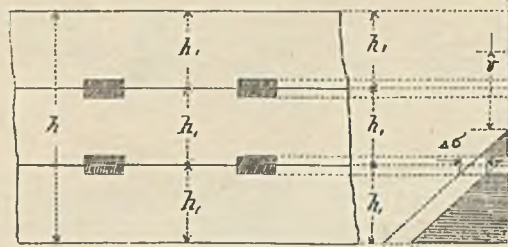


Pr. okrągły.	$\frac{z}{h} = 0$	10	40	60	80	100	120	140	160	180	200	220
Pr. prostok.	$\frac{z}{h} = 0$	5	10	15	20	25	30	35	40	45	50	55
	$\frac{z}{h} = 0$	5	10	15	20	25	30	35	40	45	50	55

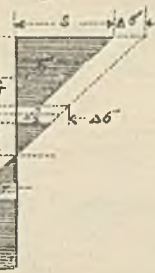
Spółczynnik zmniejszający dla drewna (Fetmajer).

Thullis. Mosty drewniane I.

rys. 2.



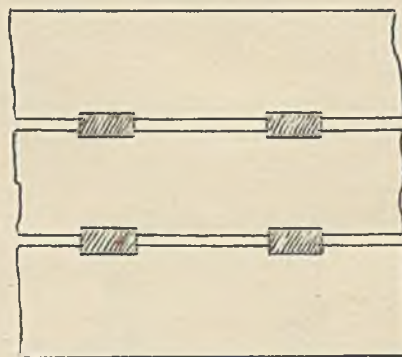
rys. 3.



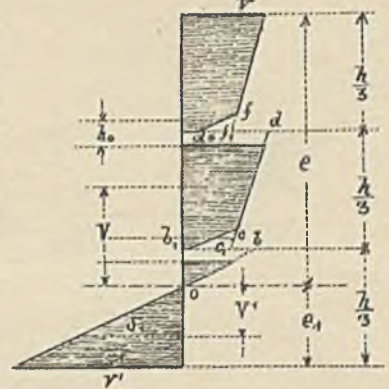
rys. 4.



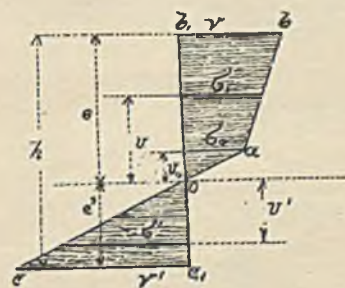
rys. 5.



rys. 6.



rys. 7.



rys. 8.

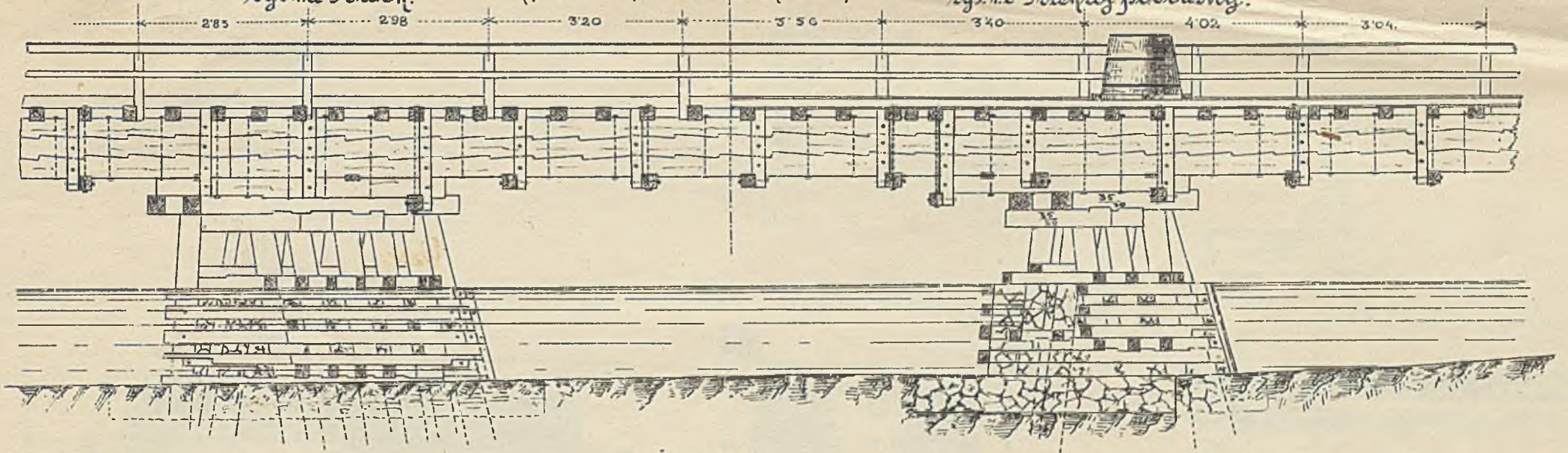


Most na rzecze Koldawiz kolei Kaina Kimpolung przy km 53.89.

rys. 1. a Widok.

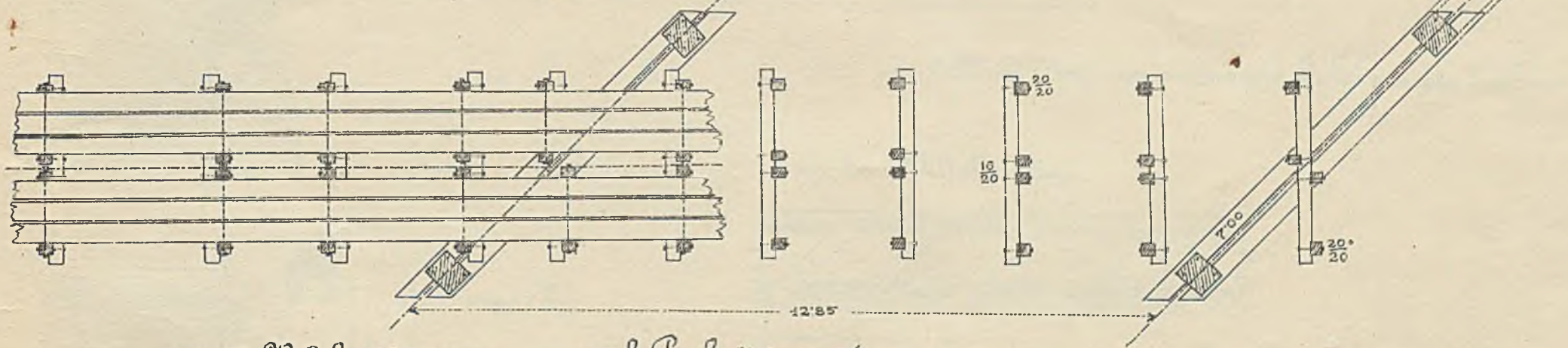
(7 otworów po 12.85 m, ukoś 45°)

rys. 1. b Przekrój podłużny.



1:100

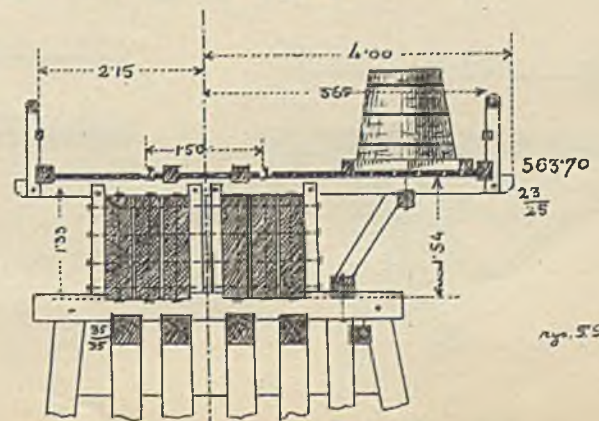
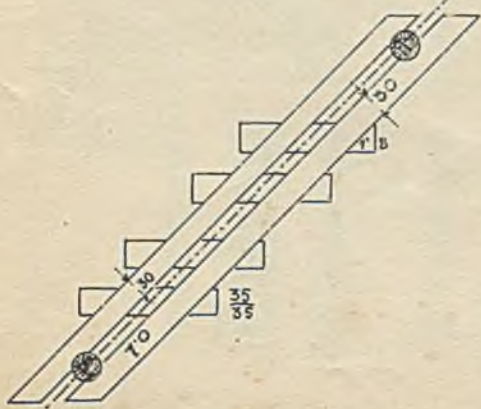
rys. 1. c. Plan i przekroje poziome.



rys. 1. d Widok na jezina.

rys. 1. e Przekrój jezina.

rys. 1. g Przekrój poprzeczny.

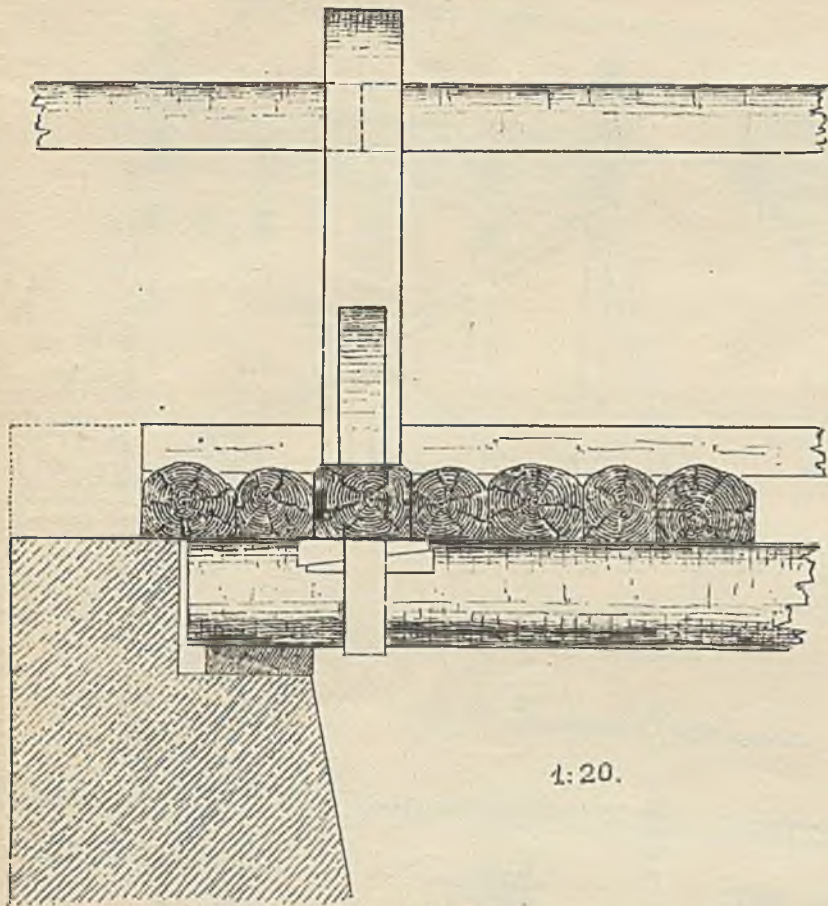


rys. 1. f Skrzypki

Tablic. Mosty Drewniane.



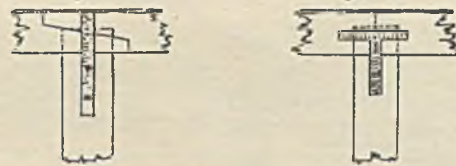
rys. 1. Drogi galicyjskiej.



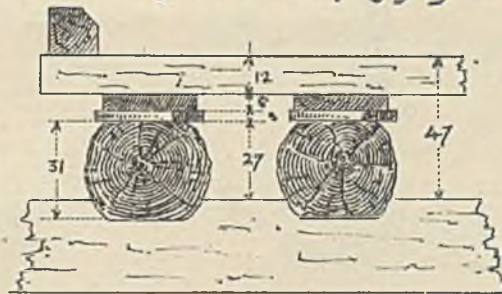
1:20.

# Poręcze.

Zestąpienie pochwyty. rys. 2. rys. 3.

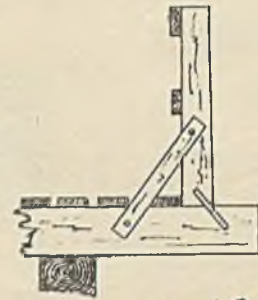


rys. 5a Przekrój poprzeczny



rys. 4. Most Lymczanowy.

Tabl. 21.

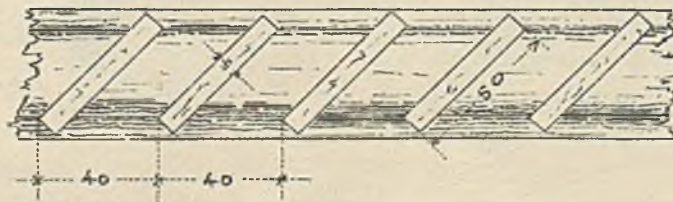


rys. 5b. Przekrój podłużny.

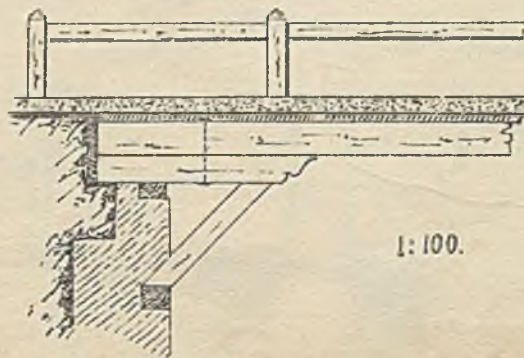


rys. 5. Most drogowy na Seracie kolskiej miejsc. Bukowinowskiej.

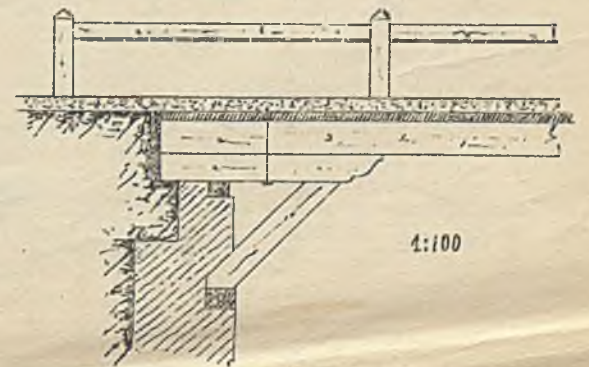
rys. 5c. Widok z góry.



rys. 6 i 7 Drogi galicyjskiej.



1:100.



1:100.

rys. 6. 53 m. 100. 1/50

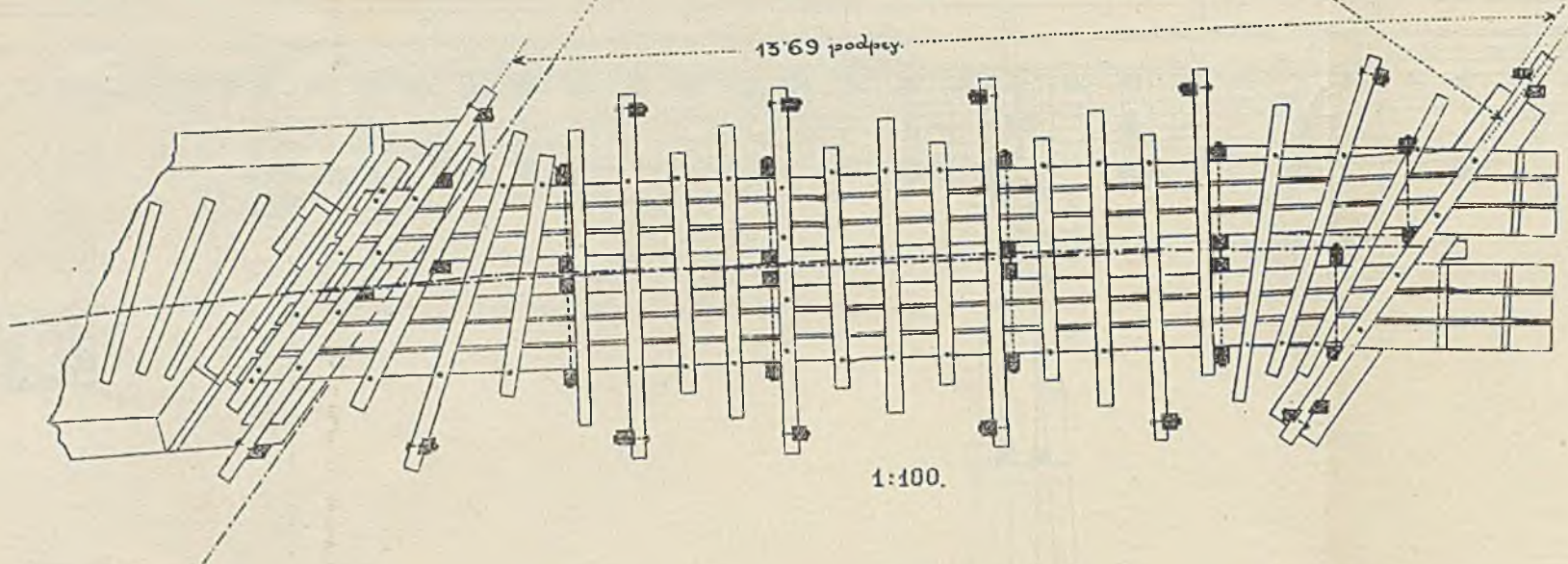
Thullie. Mosty drewniane.



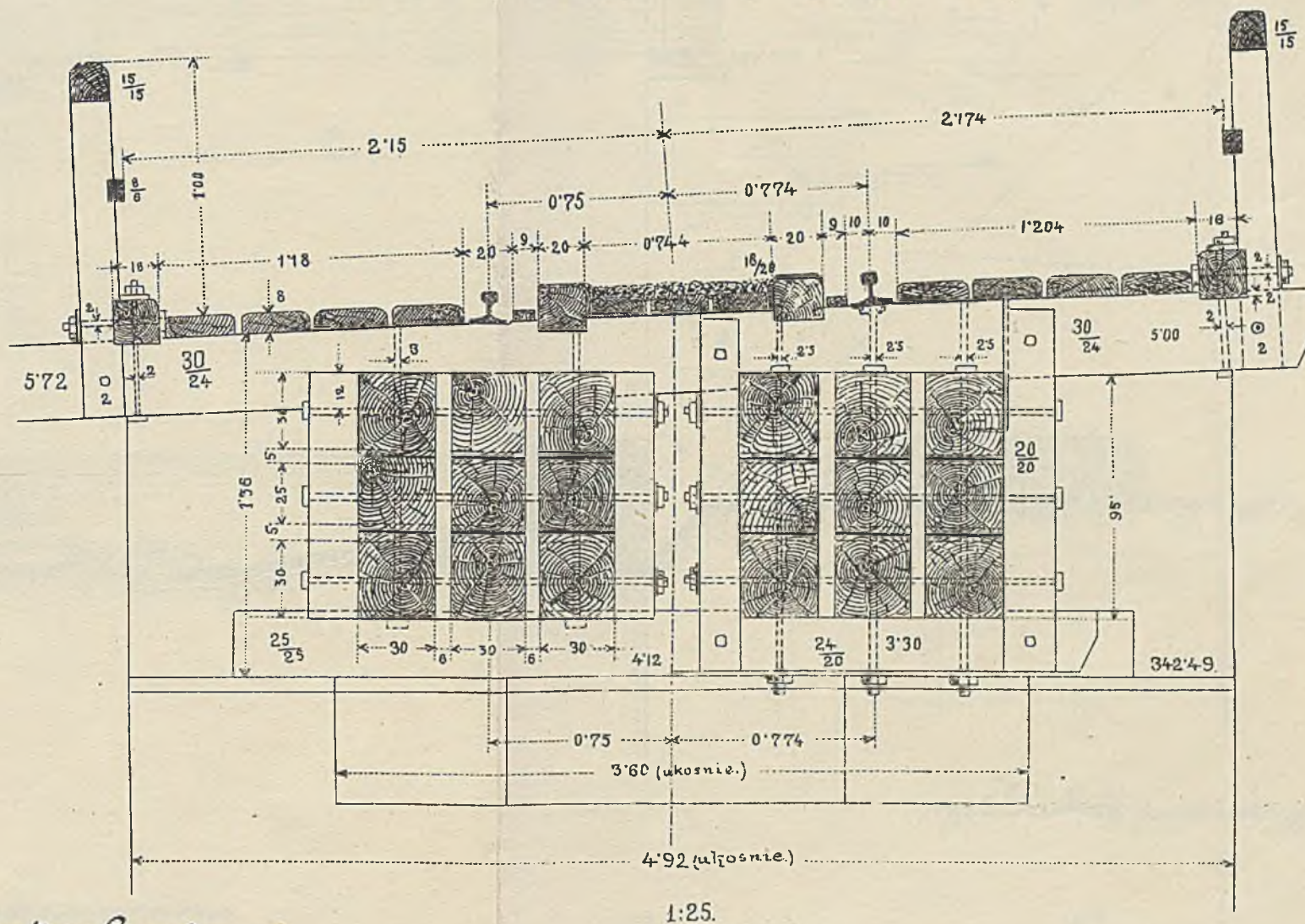
Mosty w bukzu.

rys. 1a. Układ pomostu.

Most ukosny w bukzu kole miejscowej bukowinokiej na Suchawie.

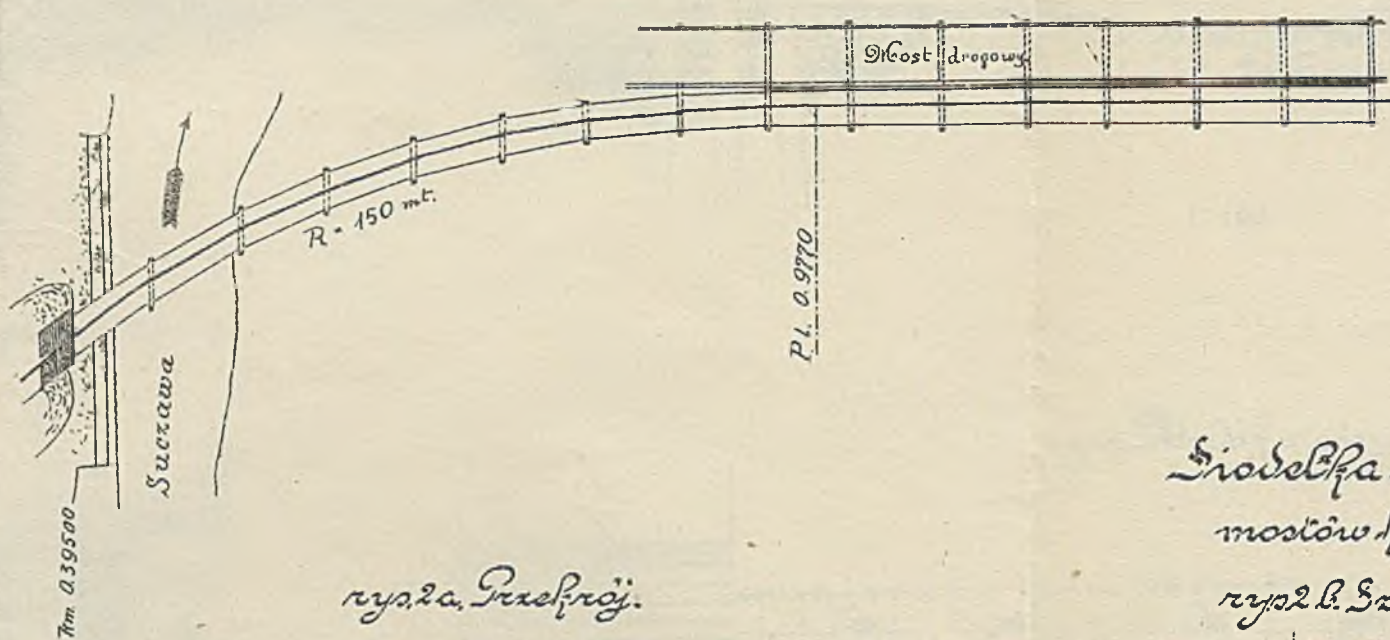


rys. 1c. Przekroj poprzeczny na rozpiętości.



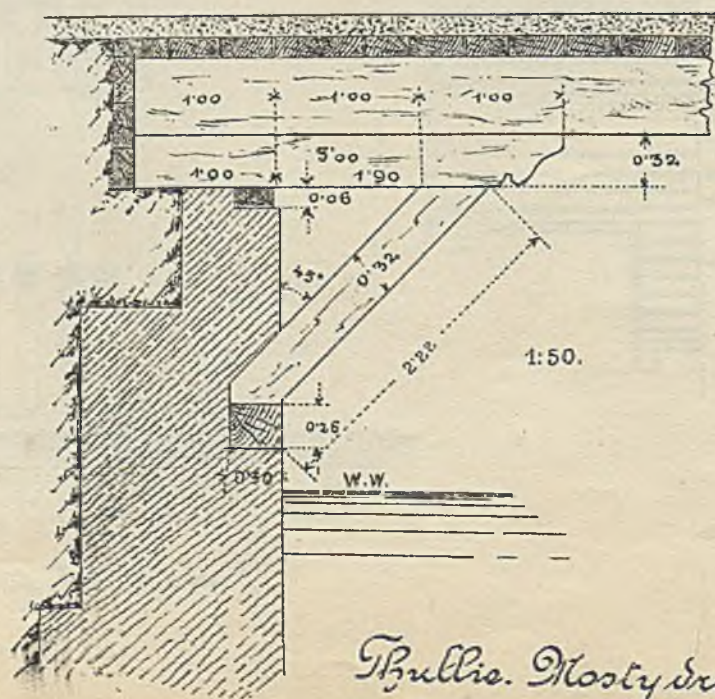
rys. 1b. Sytuacja.

Stacja Karłowice-Radawce.



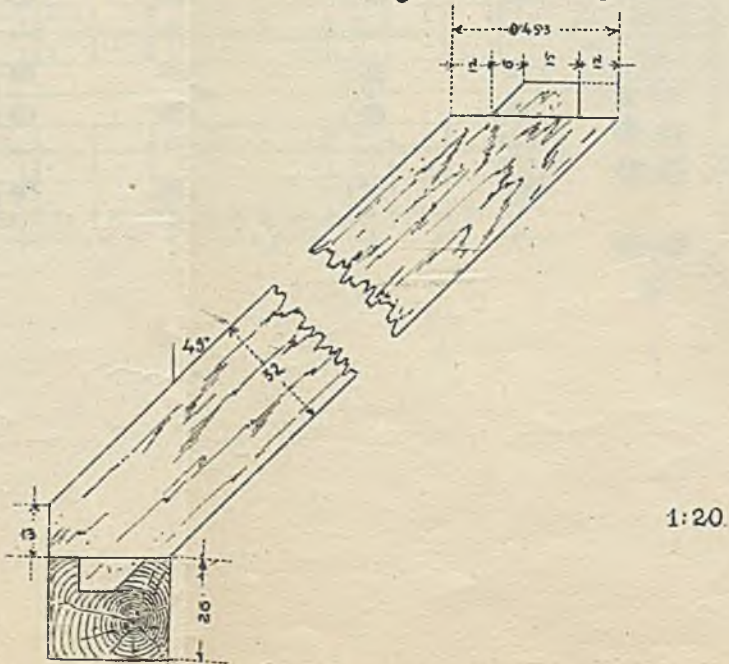
Siodełka z kapturkami mostów krajowych galicyjskich.

rys. 2a. Przekroj.

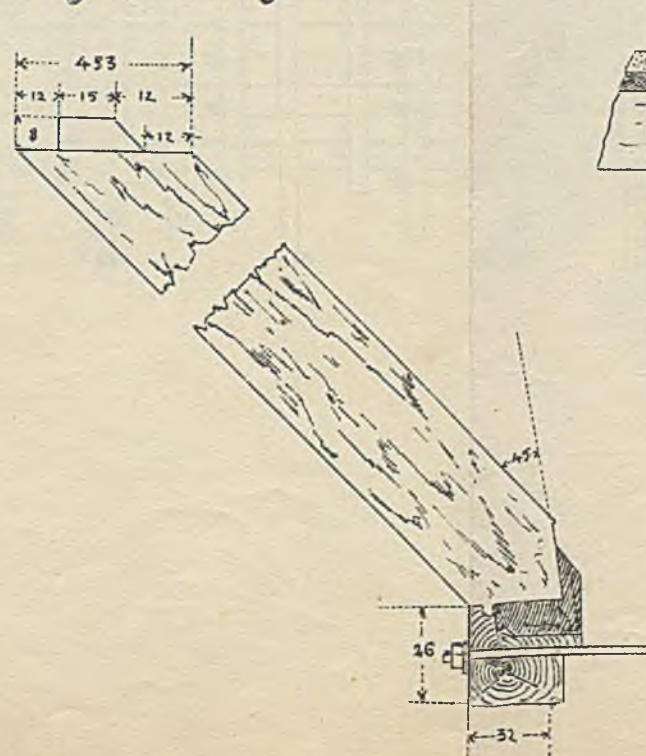


Typis. Mosty drewniane.

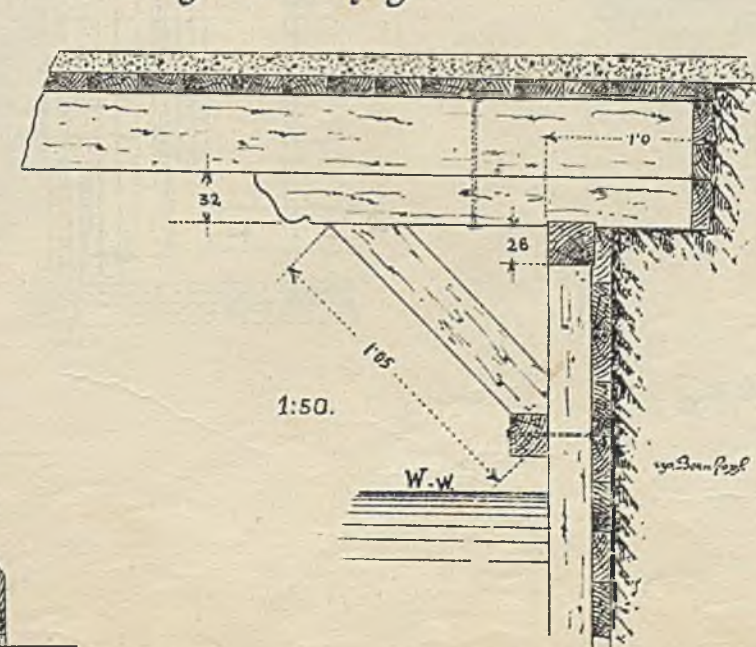
rys. 2b. Szeregól.



rys. 2c. Szeregól.



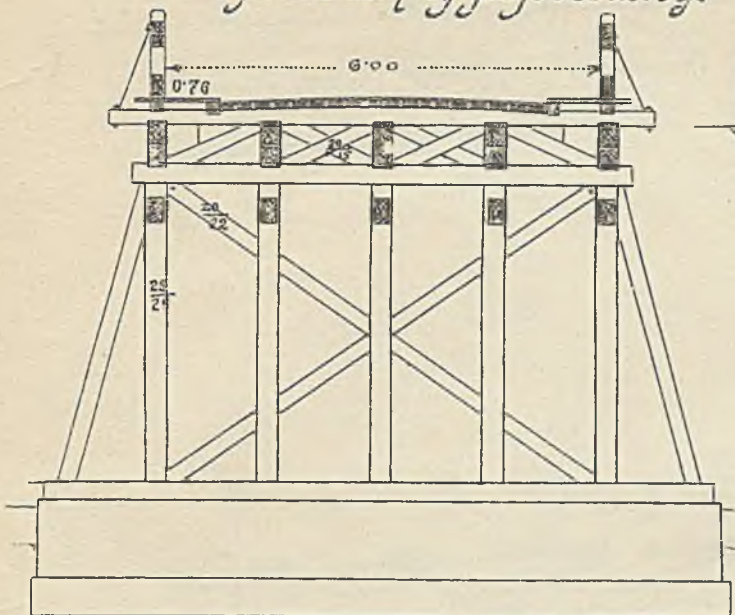
rys. 2a. Przekroj.



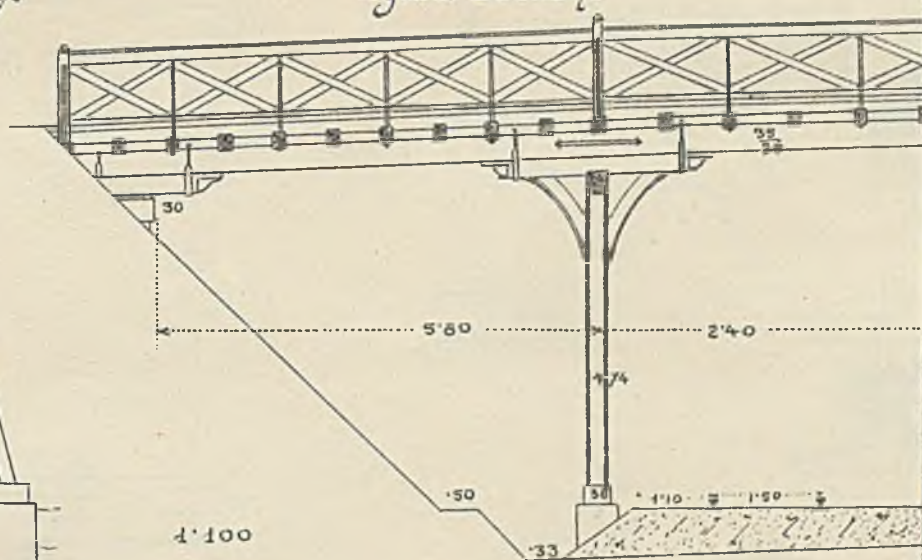
# Mosty zastawkowe.

rys. 1. Podjazd kolei Paryż-Orlean.

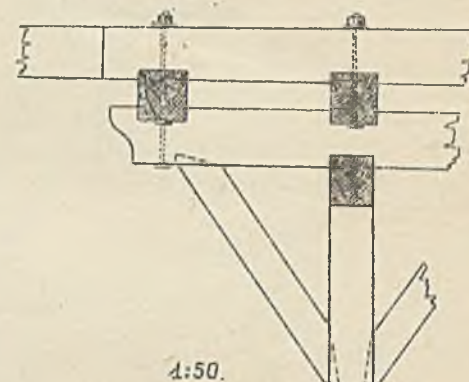
rys. 1a. Przekrój poprzeczny.



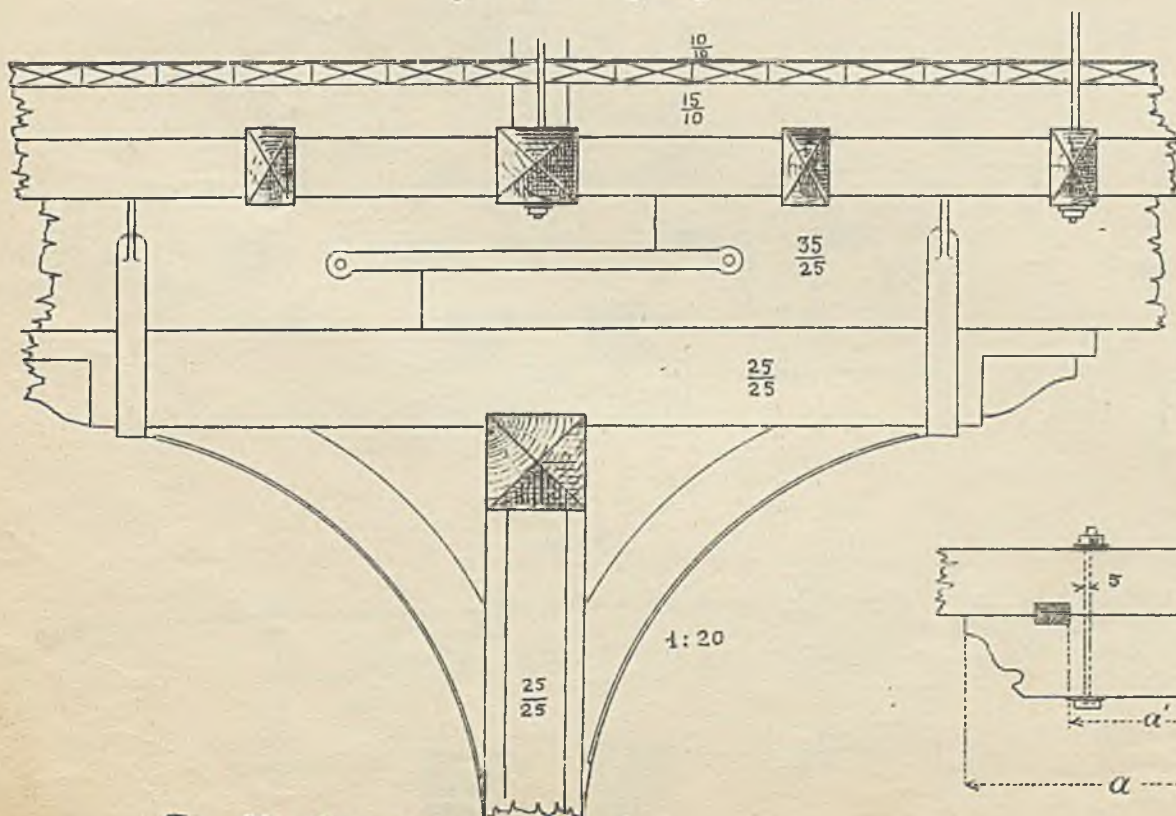
rys. 1b. Widok.



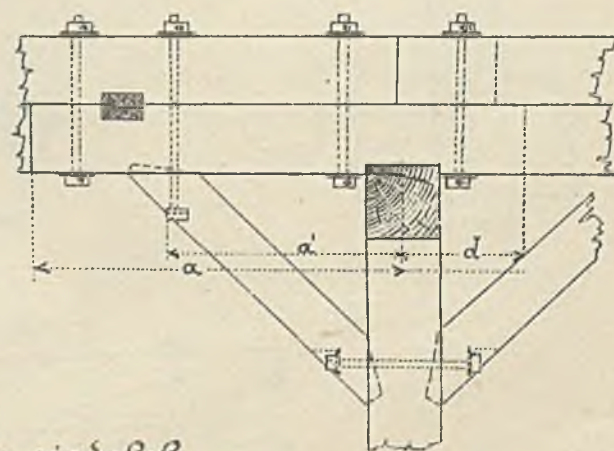
rys. 2. Most obok Sypalida w Siedmiogrodzie.



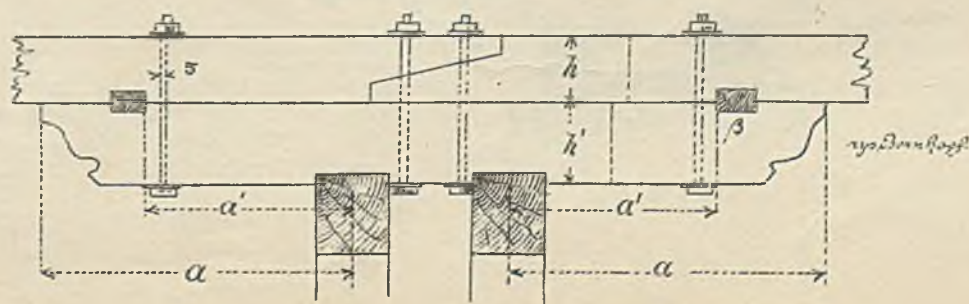
rys. 1c. Szczegół jarzma.



rys. 3. Ułożenie siodełek.



rys. 4. Ułożenie siodełek.



Укладка моделей.

рис. 1.

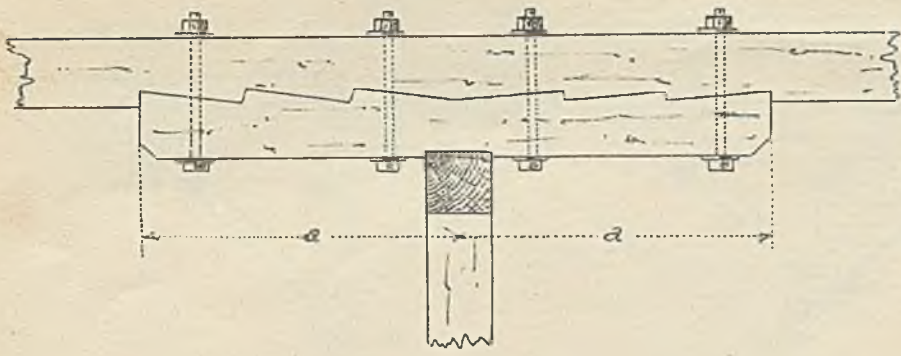


рис. 2.

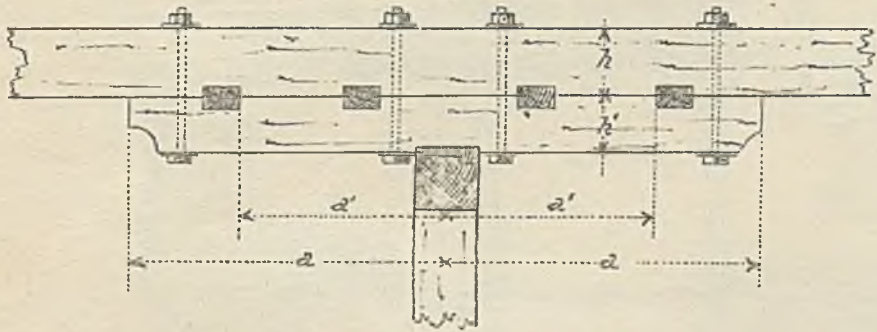


рис. 3.

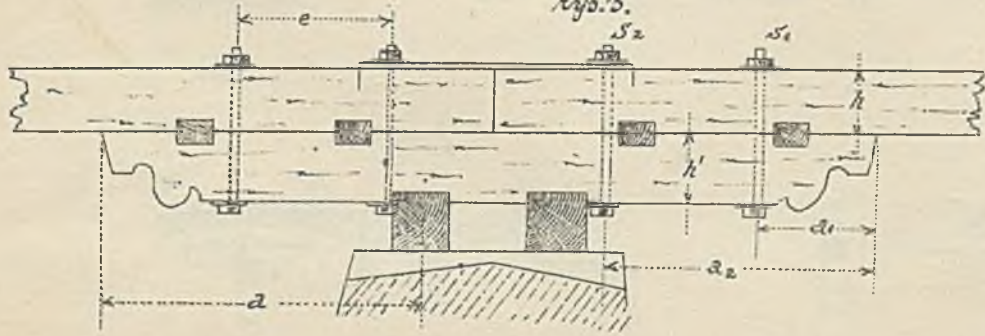


рис. 4.

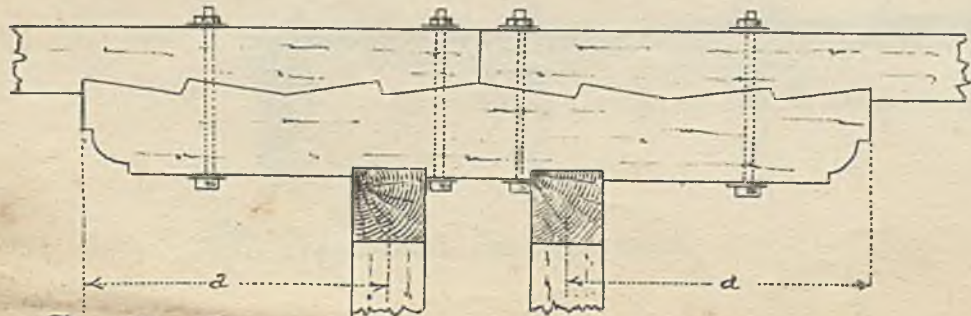


рис. 5.

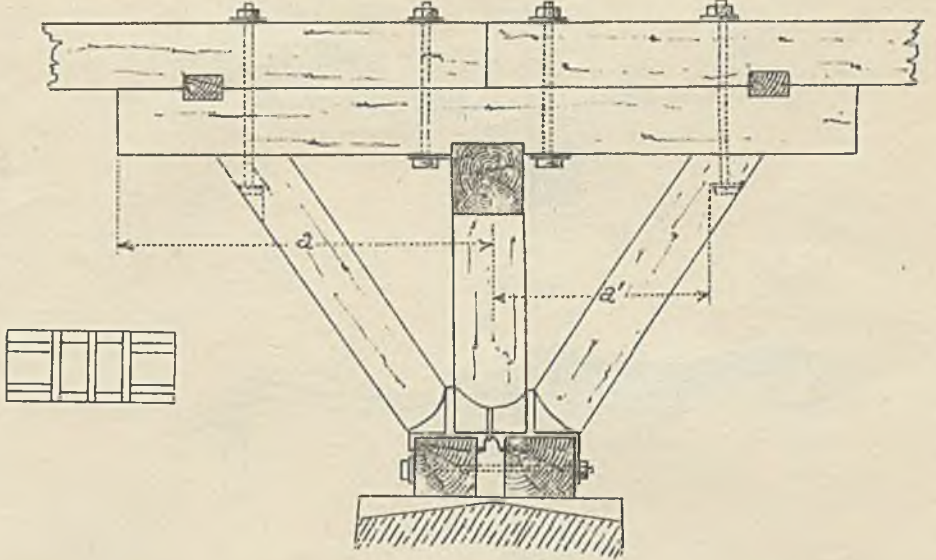


рис. 6а.

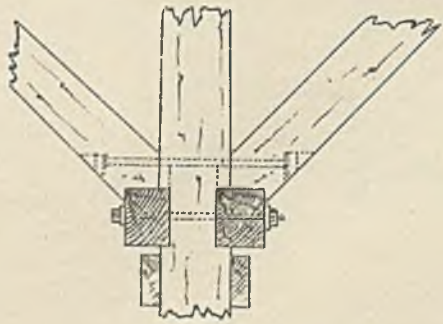


рис. 6б.

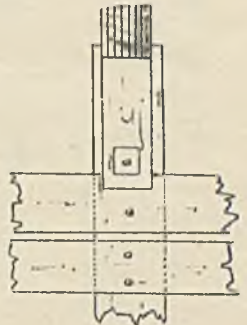


рис. 7.

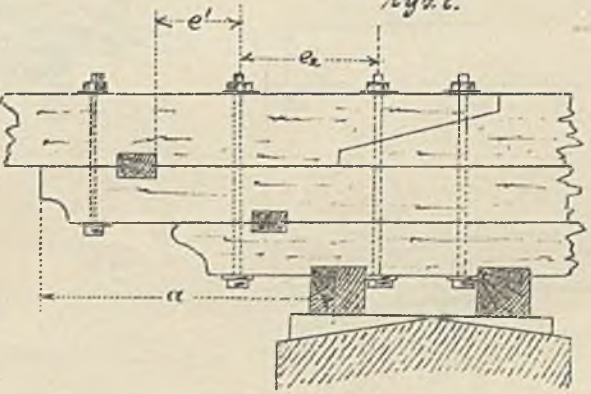
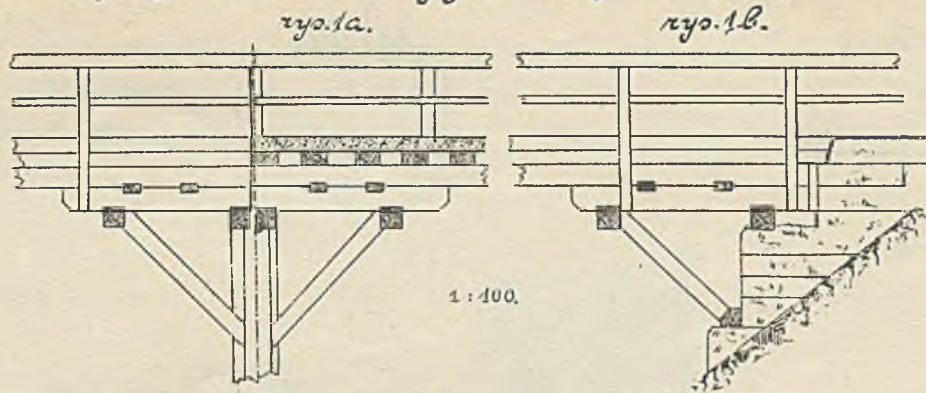


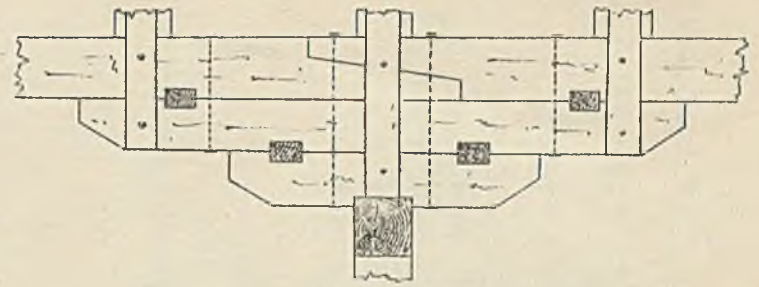
рис. 8

Most drogowy wedle normalij generalnej imperfeji kolei arwotyackich.

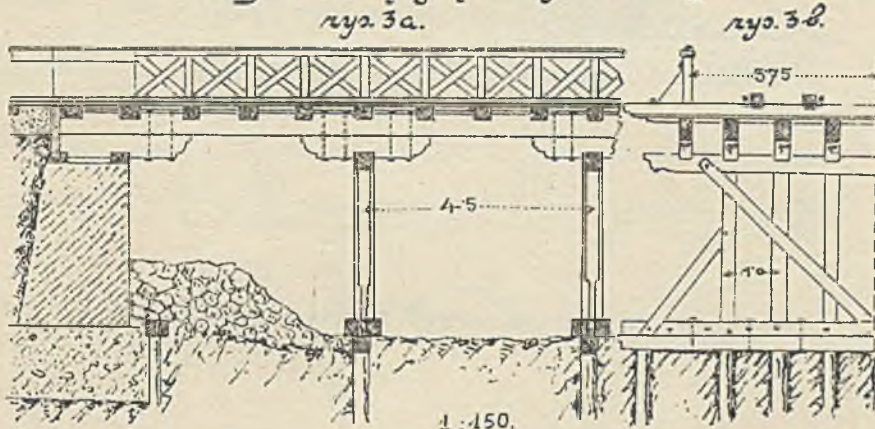


1:400.

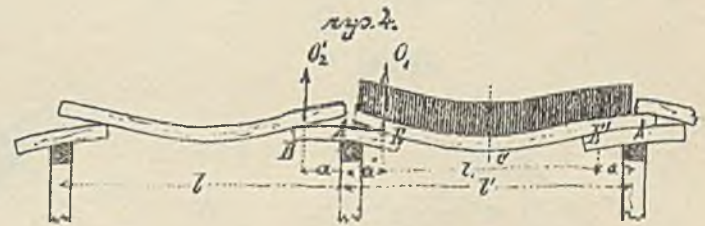
rys. 2. Polaczenie dzwigarow.



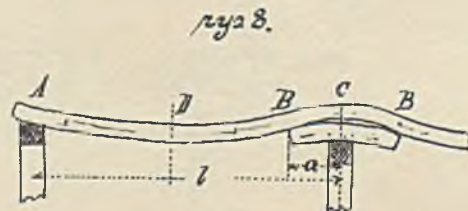
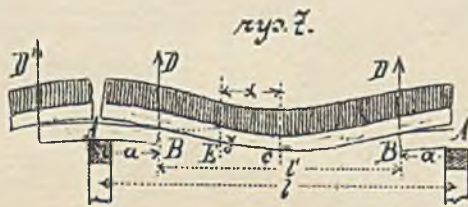
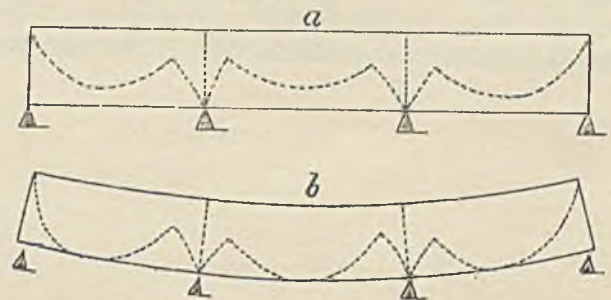
Most francuskiej kolei rownocnej.



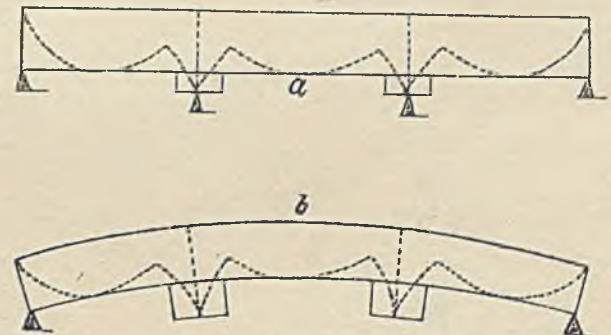
1:150.



rys. 5.



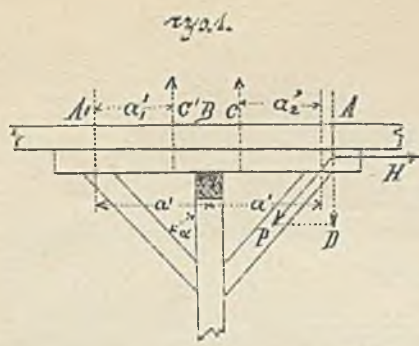
rys. 6.



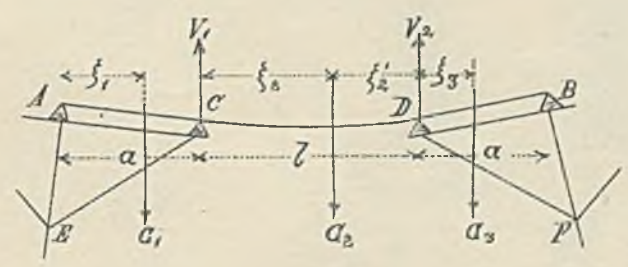
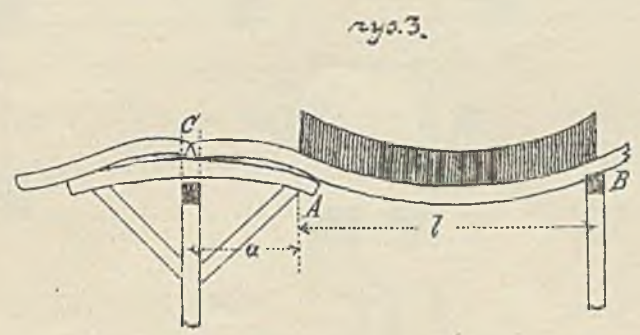
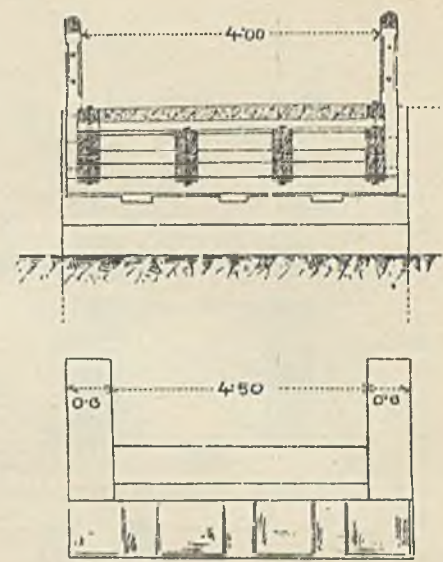
rys. 9. Belka ciagla porzedkowa.



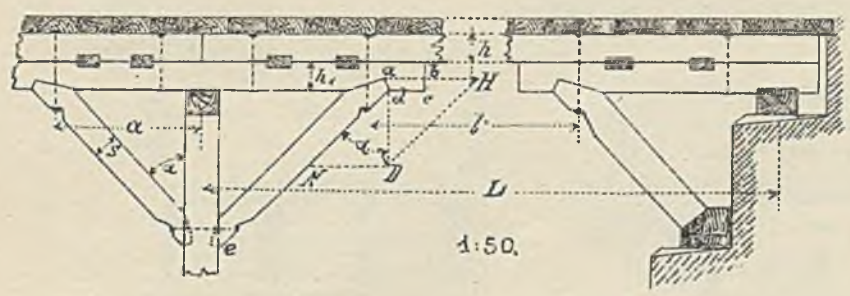
Siodełka i zastirakami.



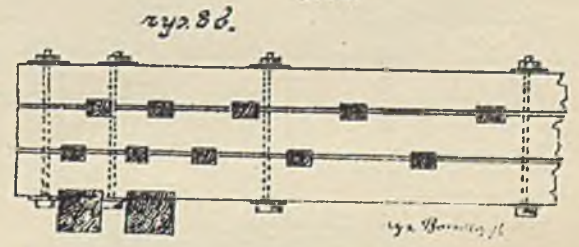
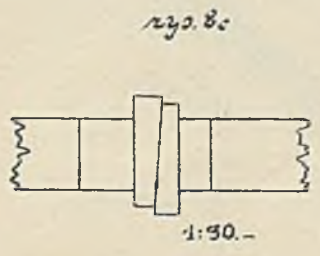
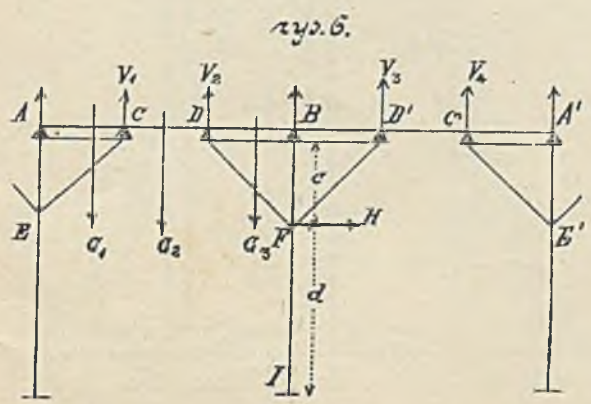
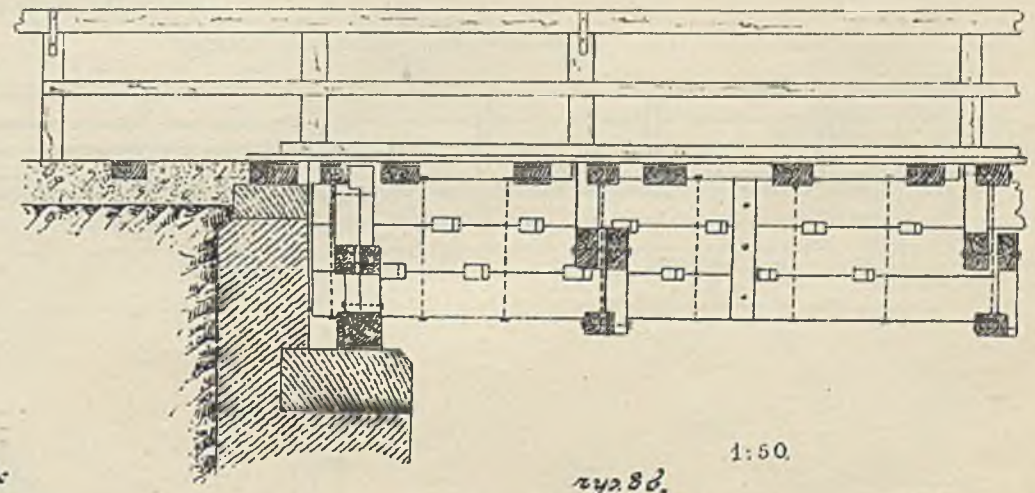
rys. 7 Most wedle normalij aust. kolei poludn.



rys. 5.



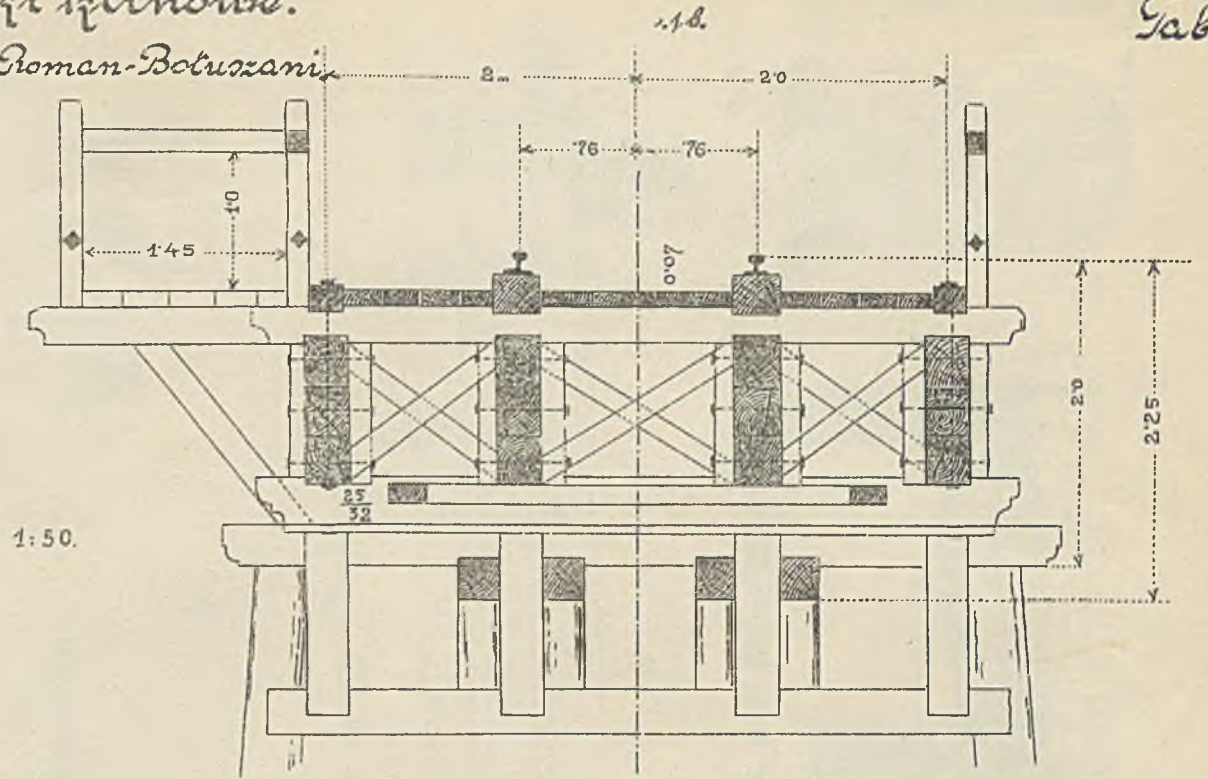
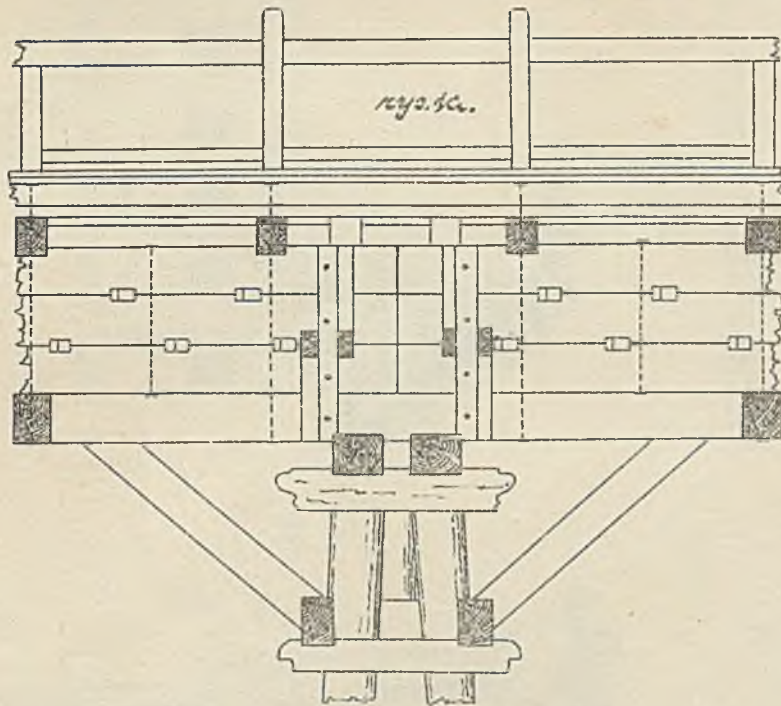
rys. 8 Most wedle normalij węgierskiej kolei państwowej.



Будки. Мосты деревянные.

# Belki klinowe.

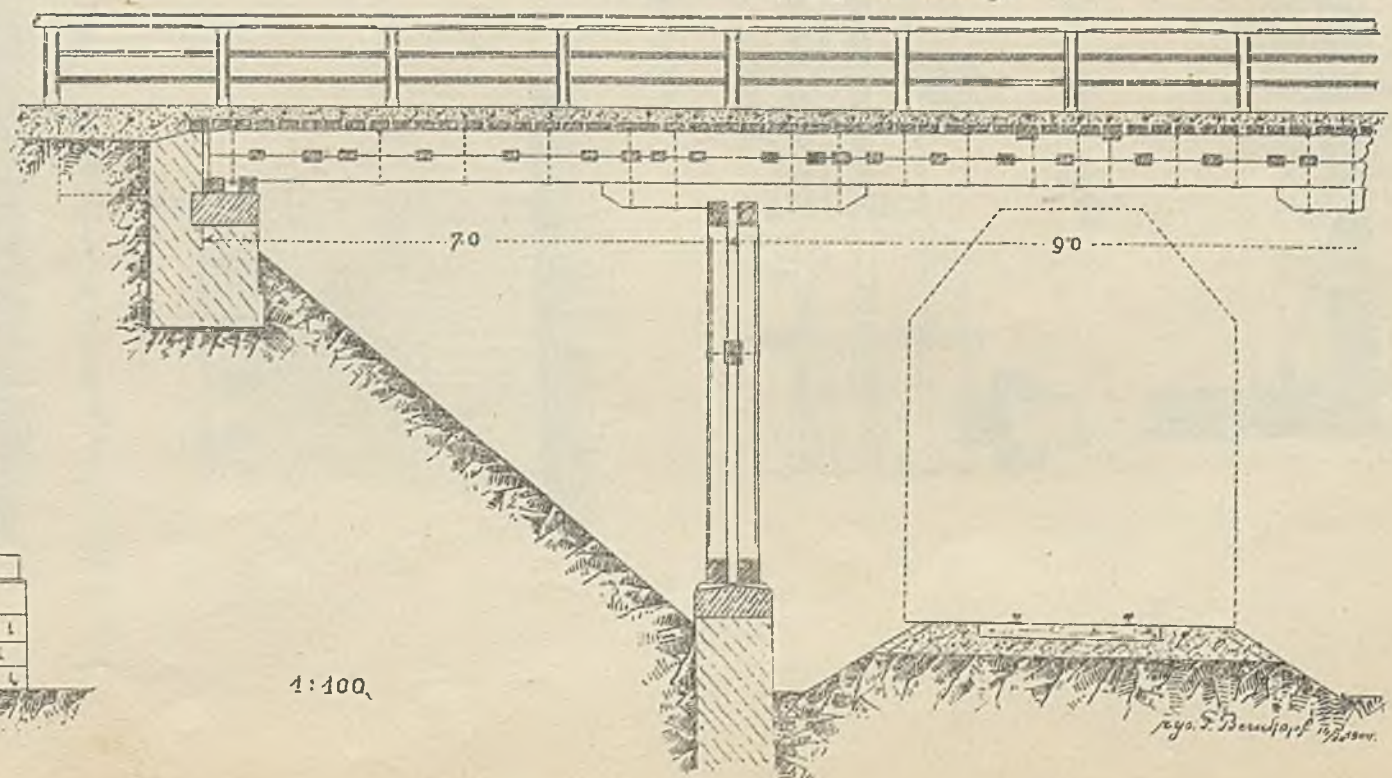
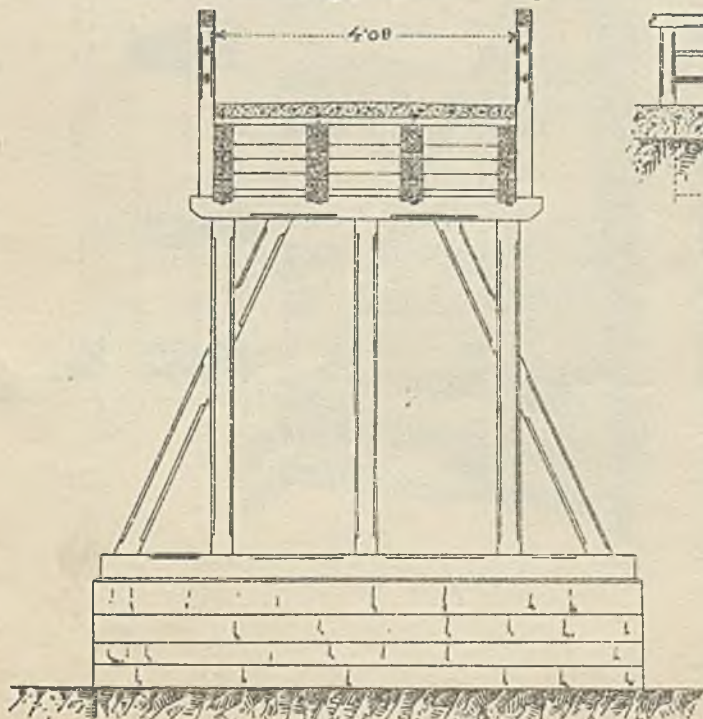
rys. 1 Most kolei rumuńskiej Roman-Boluszani



rys. 2 Most austriackiej kolei południowej.

rys. 2a. Przekrój poprzeczny.

rys. 2b. Przekrój podłużny.



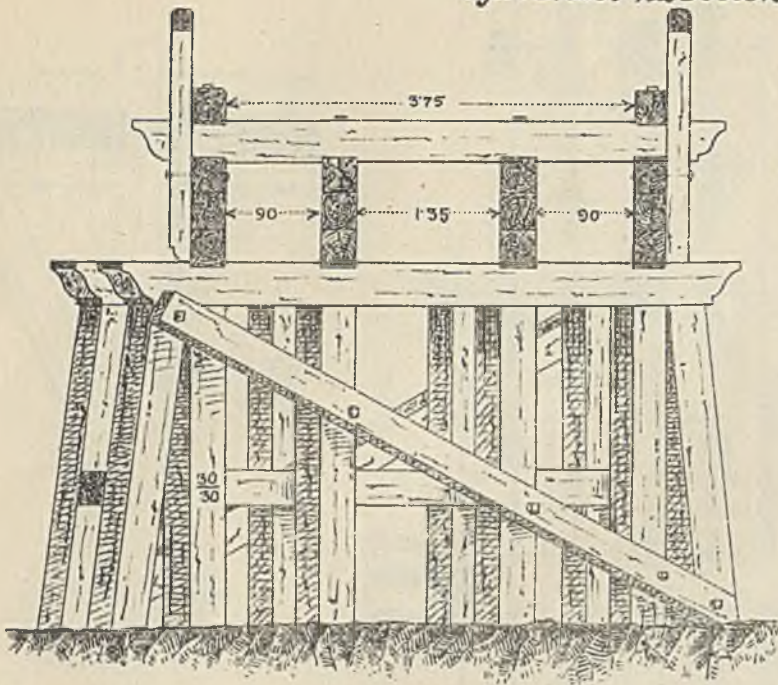
Skullie. Mosty drewniane I.

rys. F. Baumgart 1880.



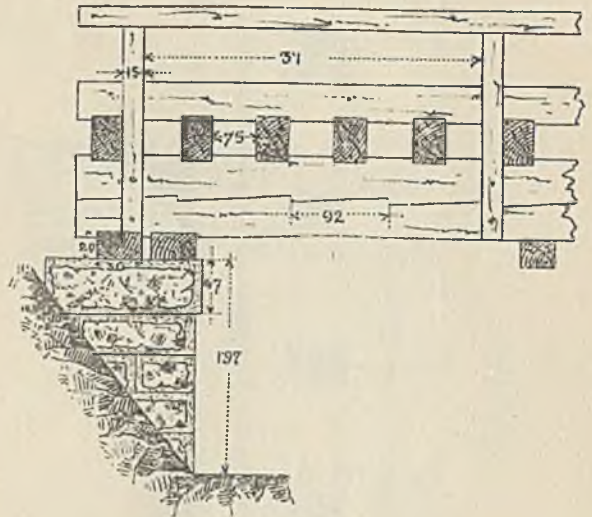
# Mosty o belkach rzebionych i kłoczkowych.

rys. 1. Most na Poltenbach w Bernsdorf.



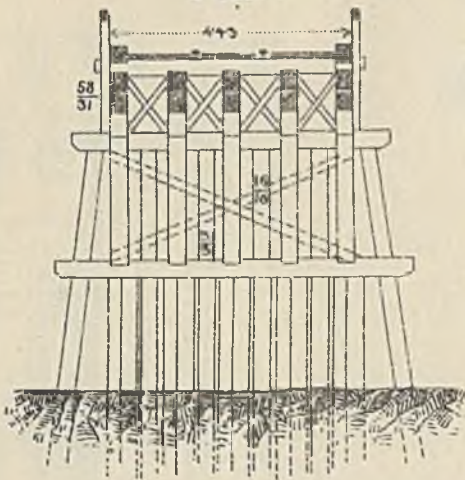
rys. 1. b.

1:70.

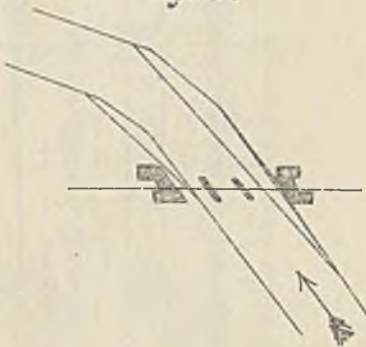


rys. 2. Most na potoku Liesing w Koi Rudolfya.

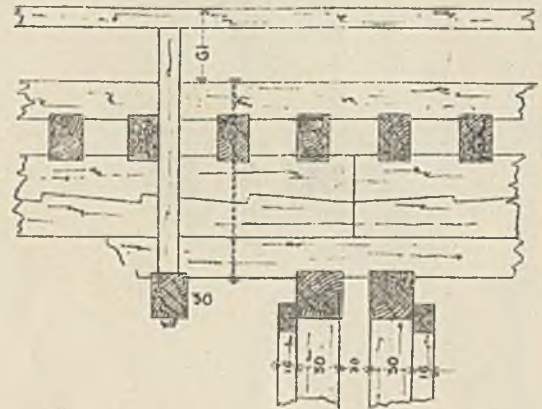
1:150.



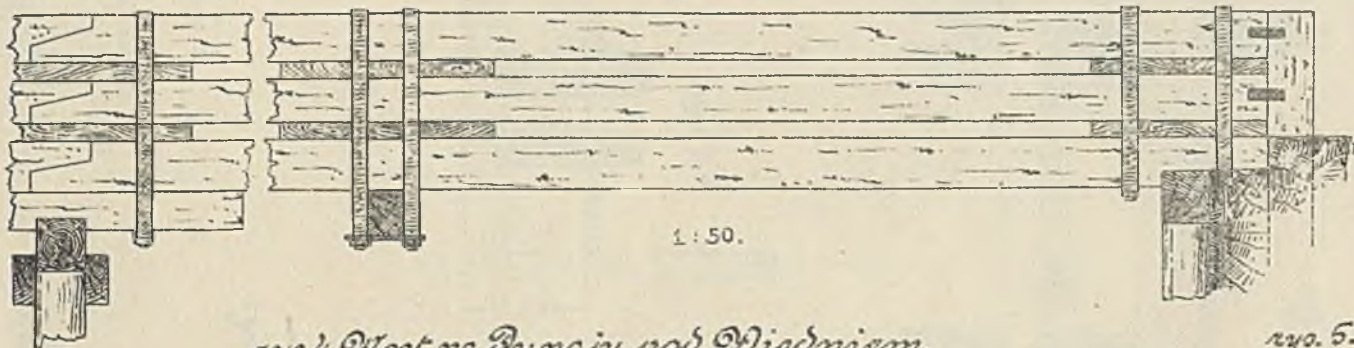
rys. 1. b.



rys. 1. c.

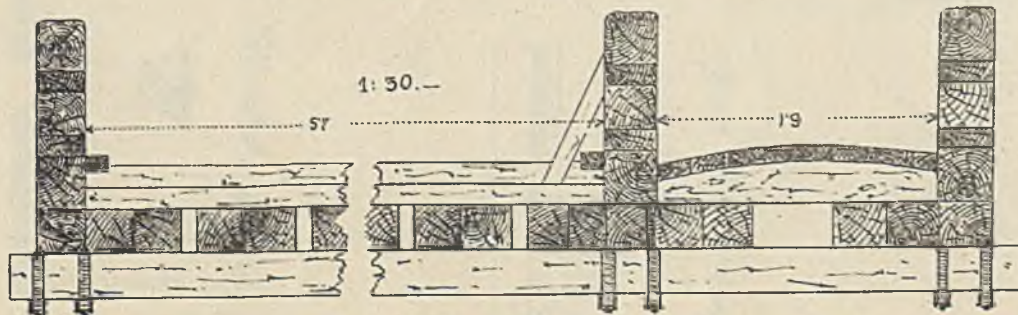


rys. 3. Austriackie mosty kłoczkowe.

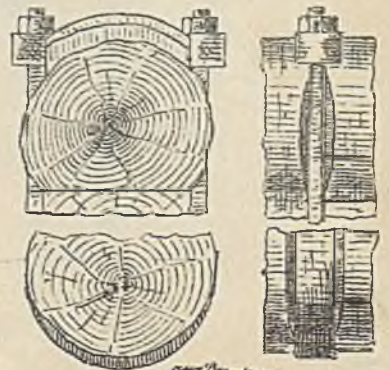


rys. 4. Most na Dunaju pod Wiedniem.

1:50.

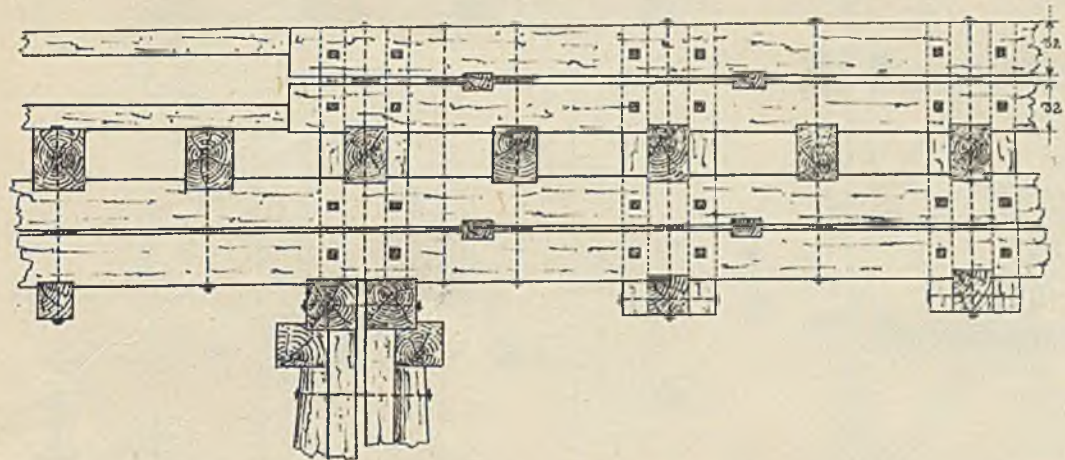


rys. 5.



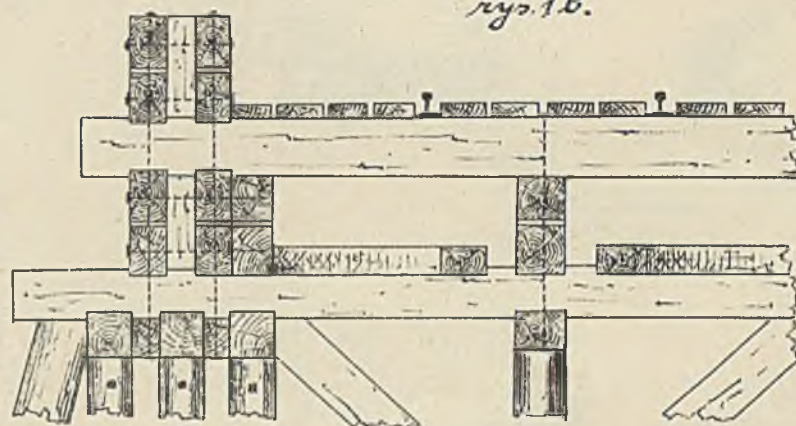
# Mosty kłochowe kolei południowej austriackiej.

rys. 1a.

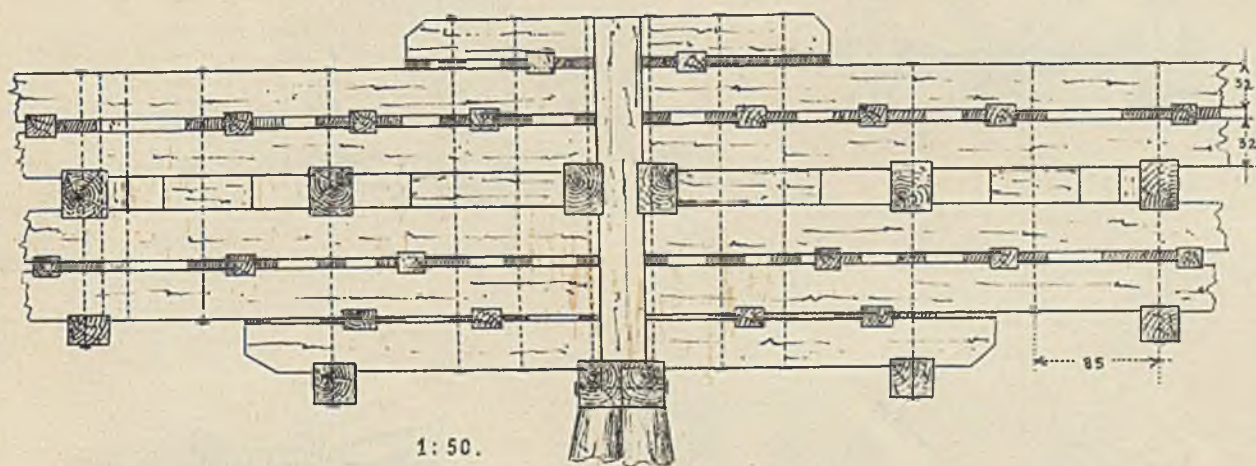


rys. 1b.

1:50.

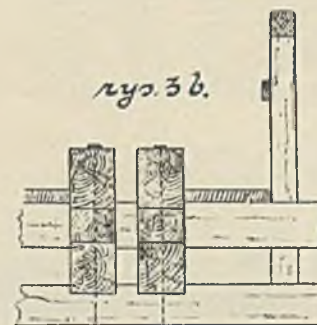


rys. 2a

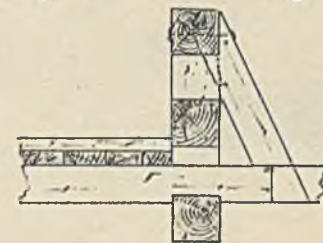


1:50.

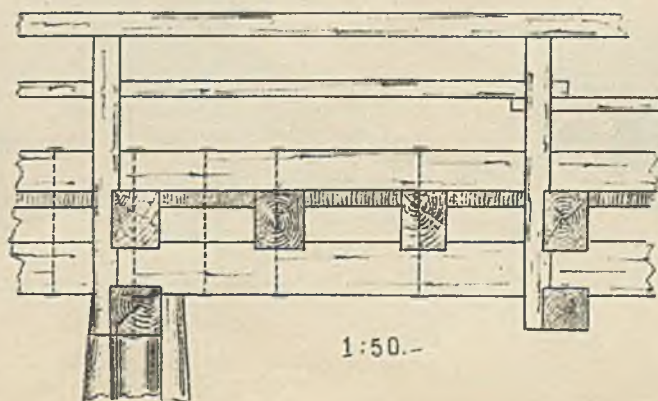
rys. 3b.



rys. 4. Most drogowy.

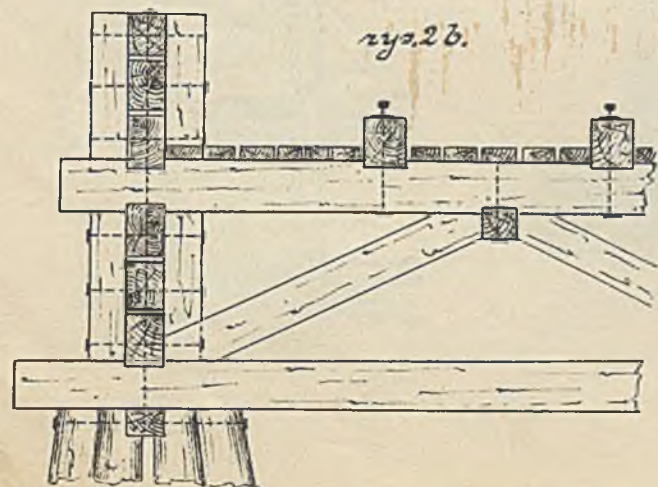


rys. 3a.

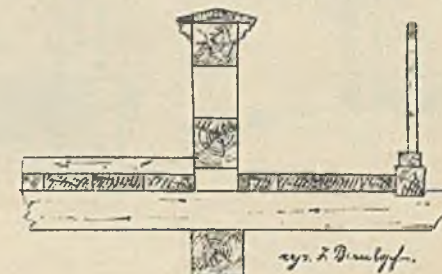


1:50.-

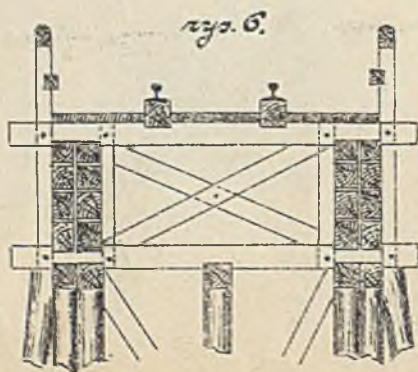
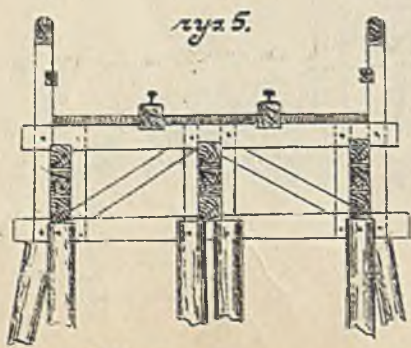
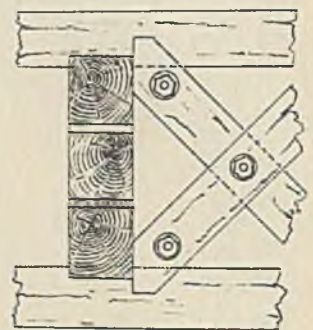
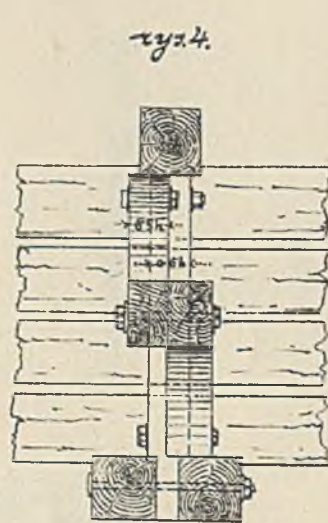
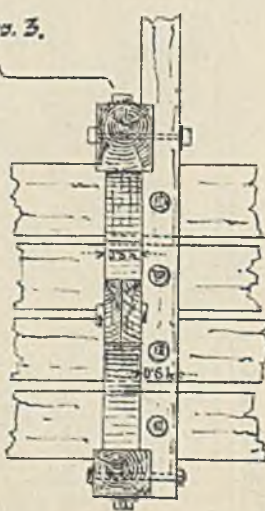
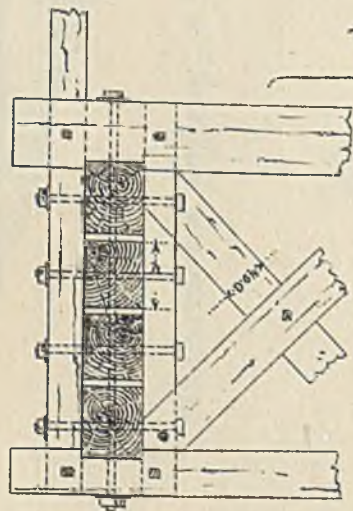
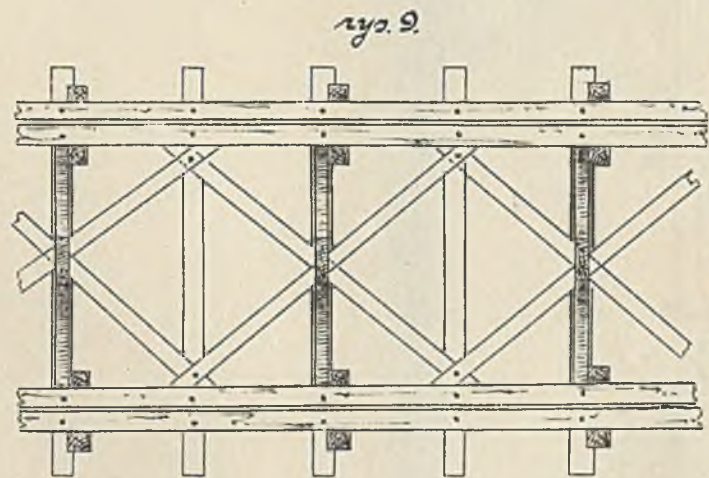
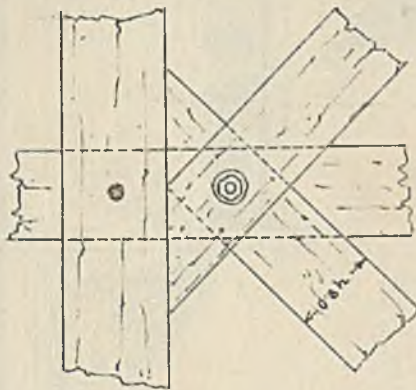
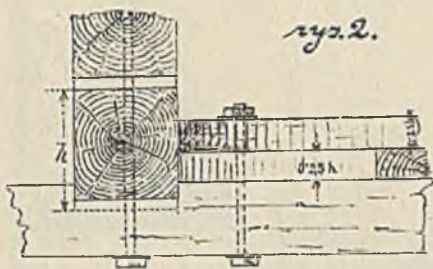
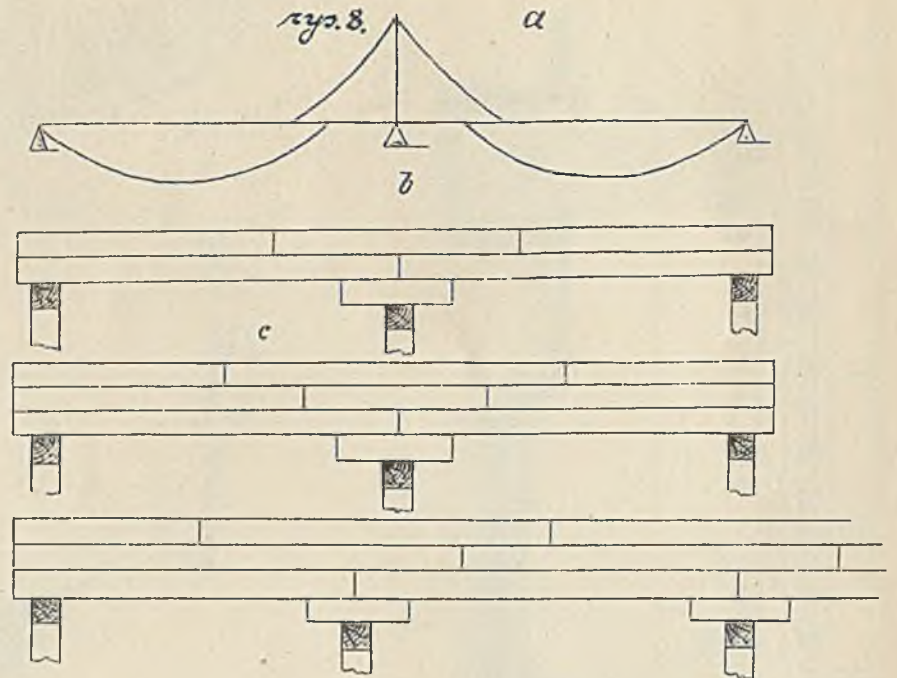
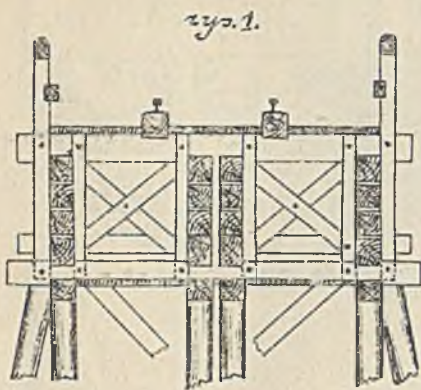
rys. 2b.



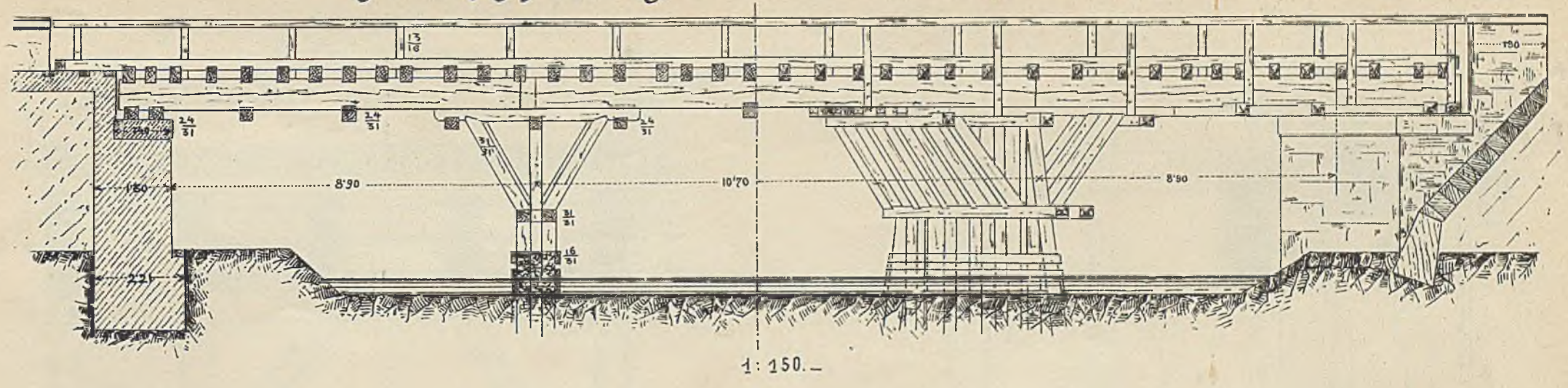
rys. 5. Most drogowy.



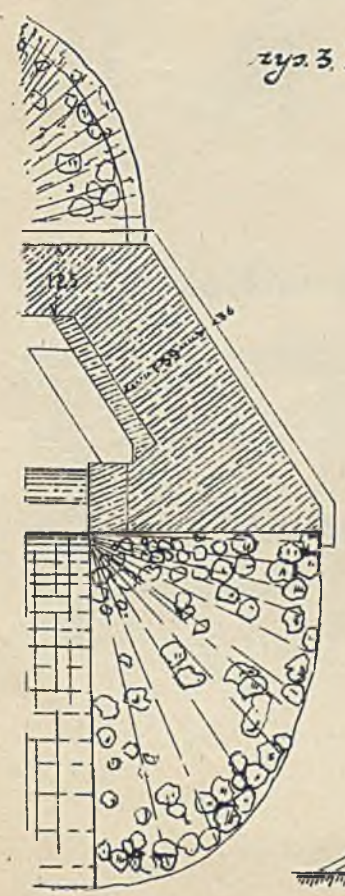
rys. 2. Dzwonki.



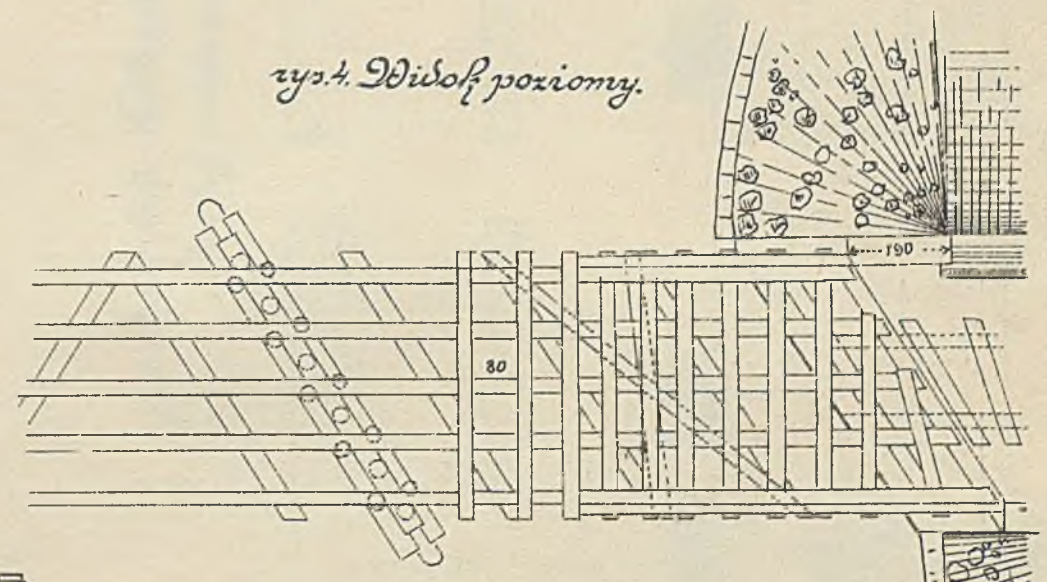
Most nad potokiem Giesing kolei Rudolfa.  
rys. 1. Przekrój podłużny      rys. 2. Widok.



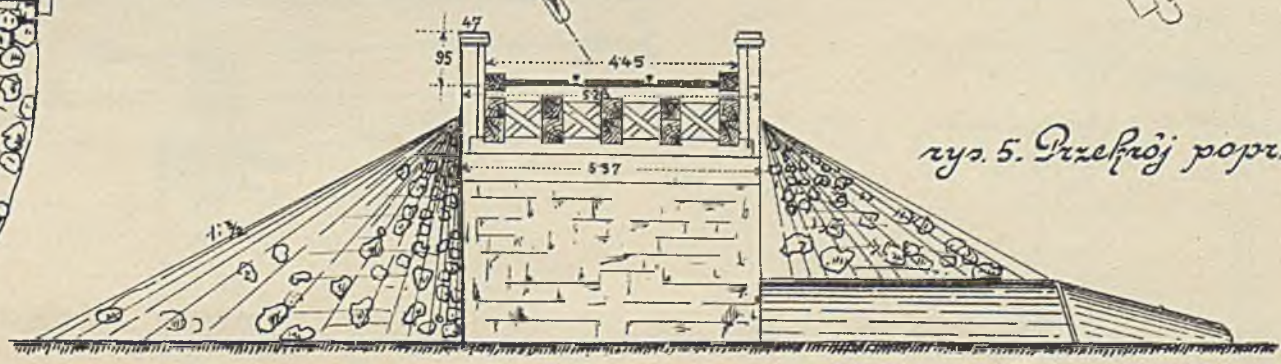
rys. 3. Przet poziomy.



rys. 4. Widok poziomy.

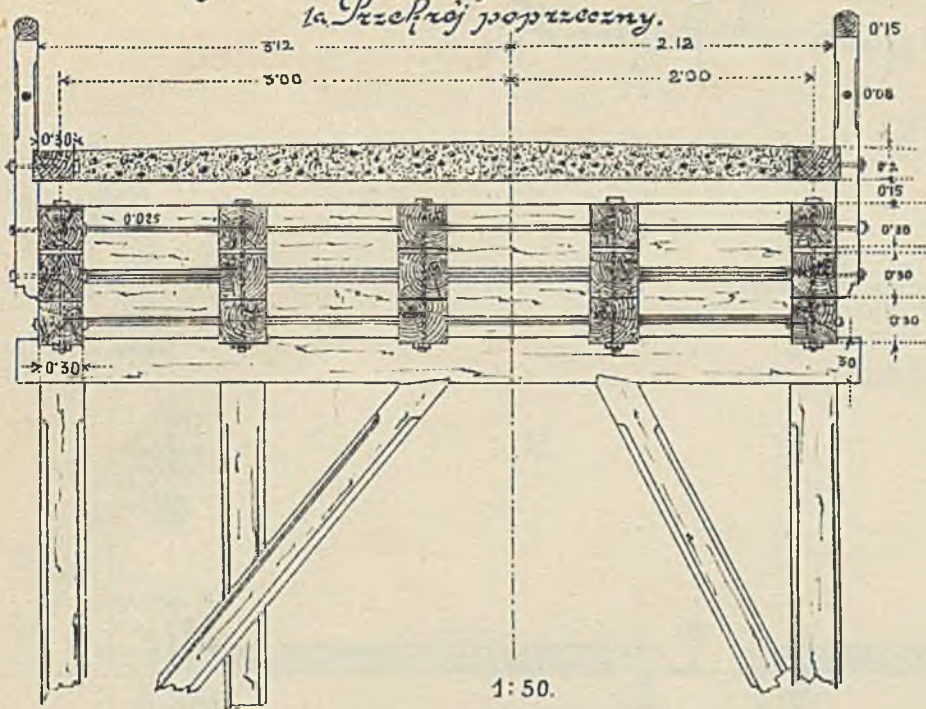


rys. 5. Przet poprzeczny.



# Mosty o belkach złożonych.

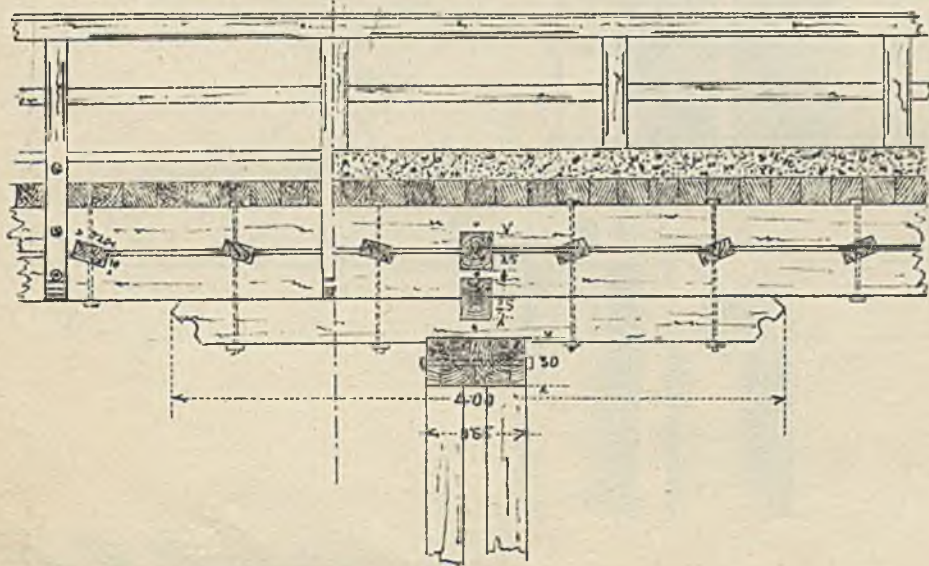
rys. 1. Most kolejowy. 1a. Przekrój poprzeczny.



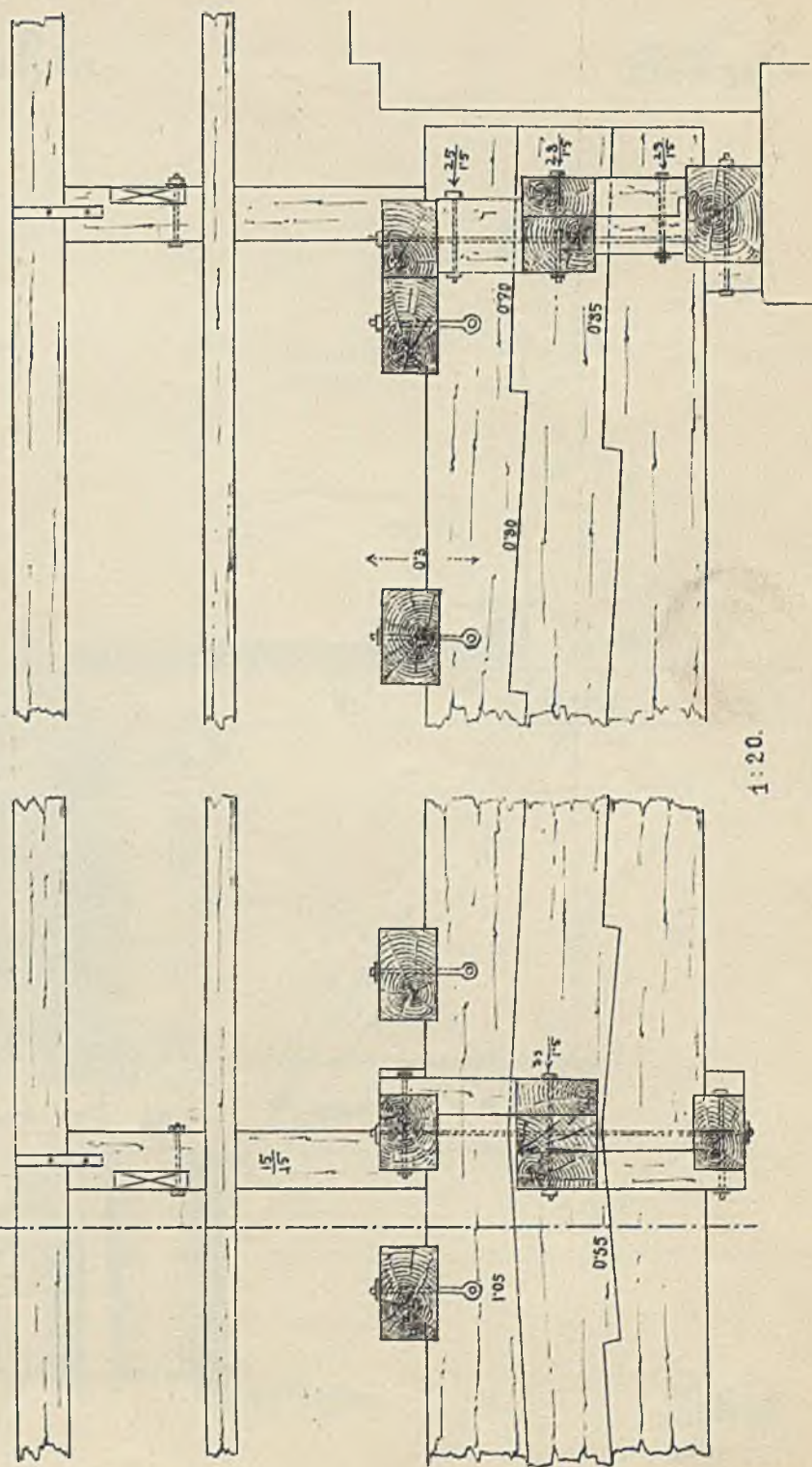
1:50.

rys. 1. b. Widok

rys. 1. c. Przekrój podłużny.



rys. 2. Most kolejowy Albrechta. Przekrój podłużny.



1:20.

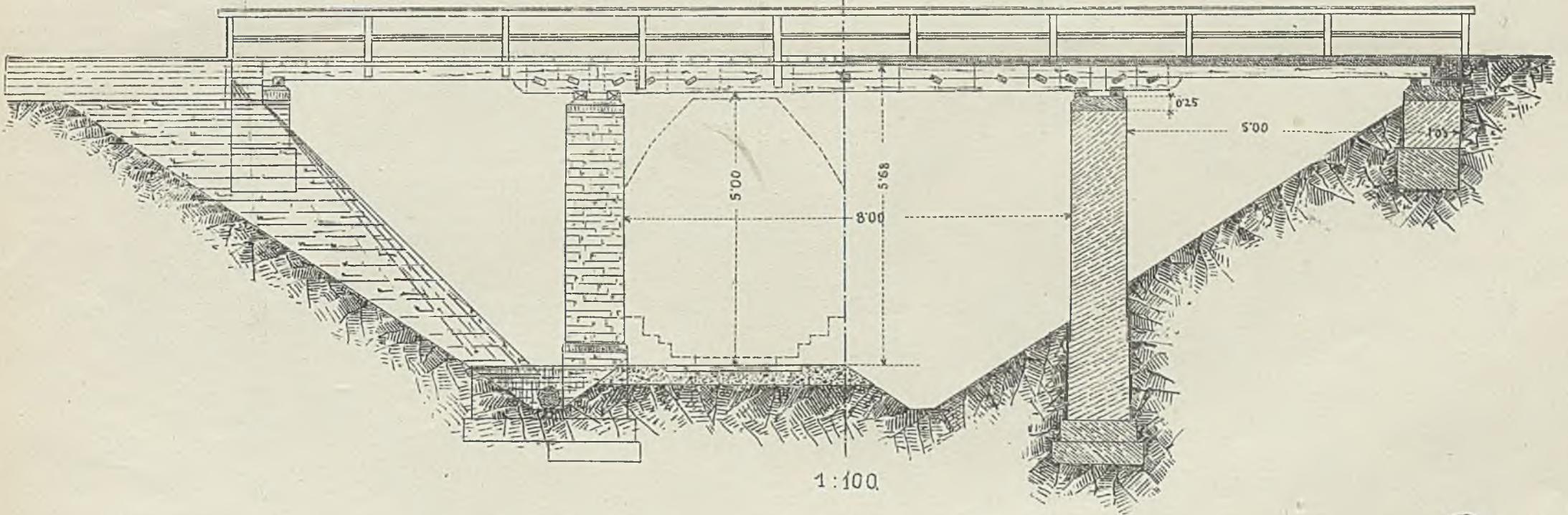


# Belki kłpinowe.

rys. 1. Most kolei Gornan - Szyn.

1a. Widok.

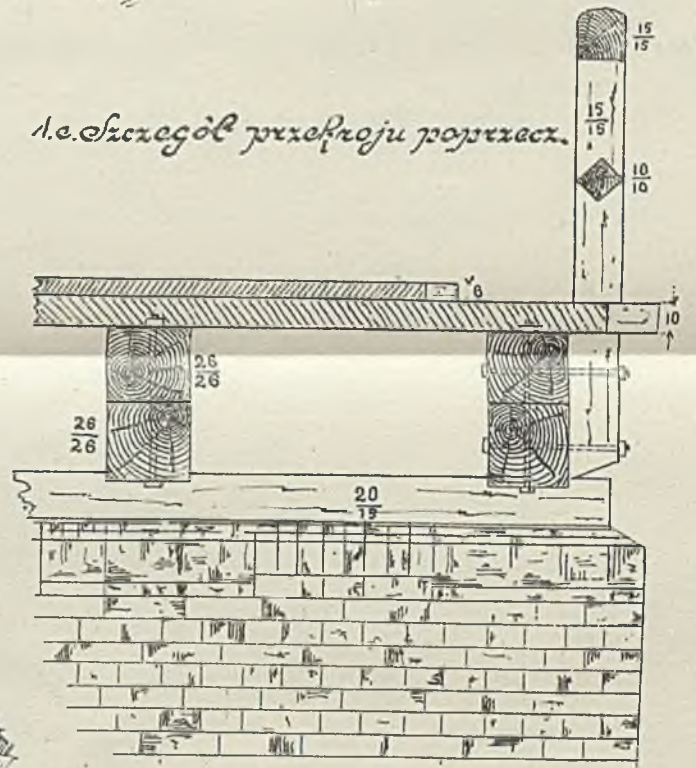
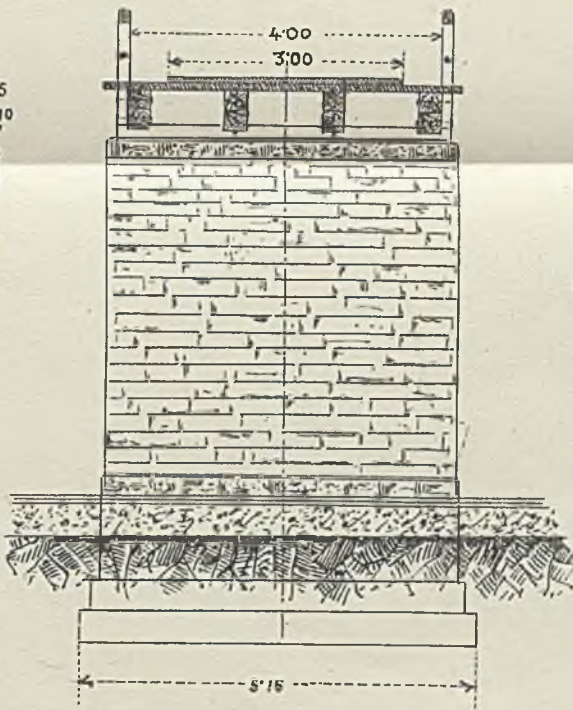
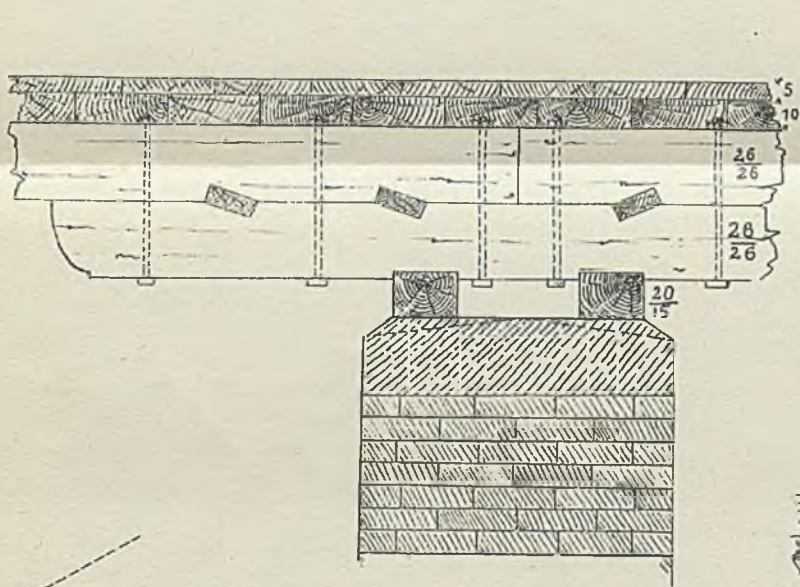
1b. Przekrój poprzeczny.



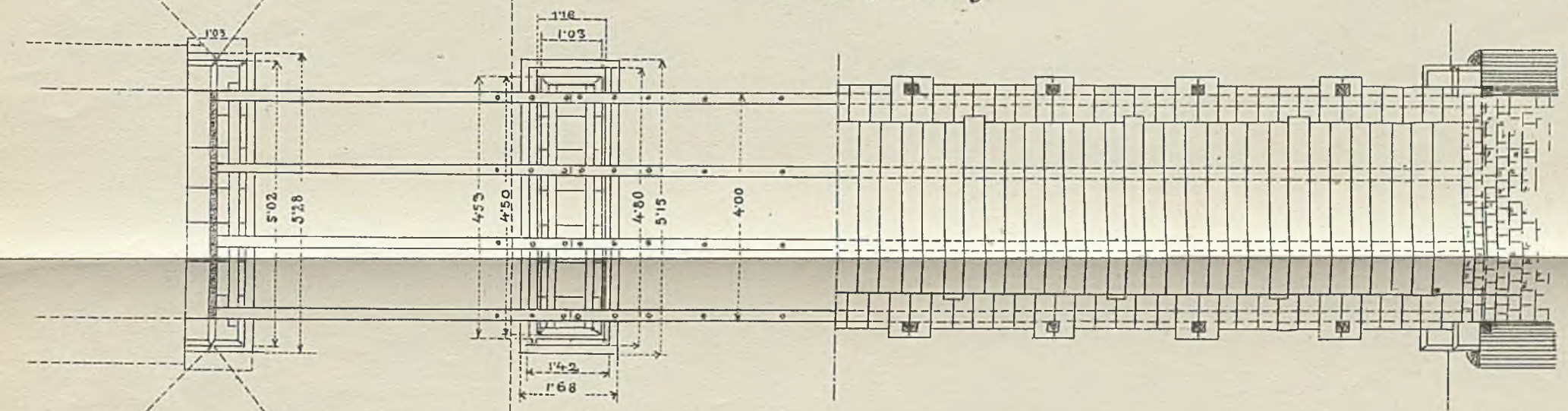
1c. Szczegół przekroju podłuznego.

1d. Przekrój poprzeczny.

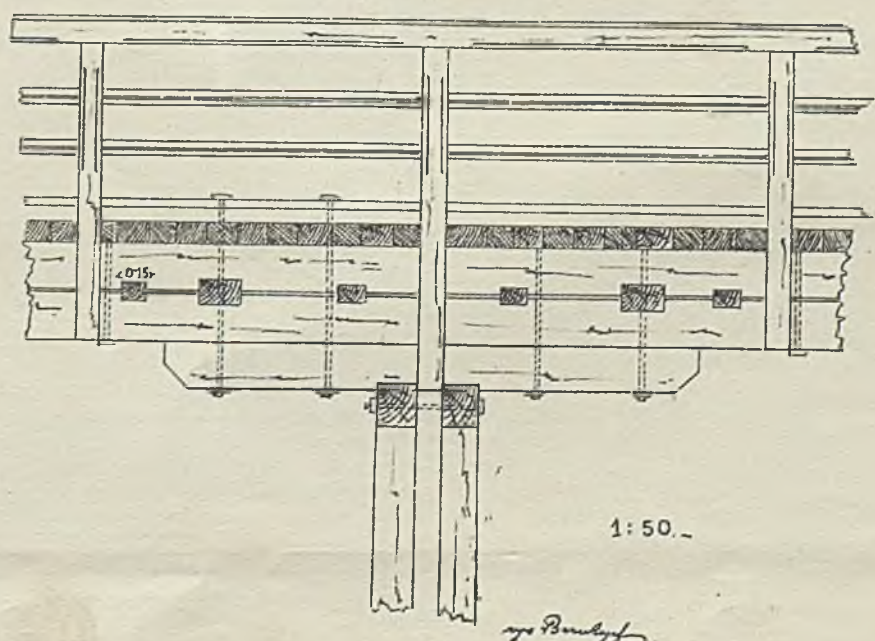
1e. Szczegół przekroju poprzecz.



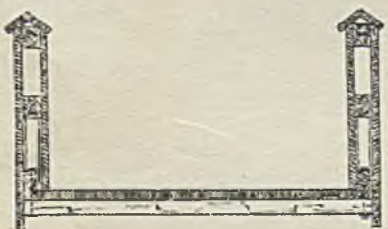
1f. Plan poziomy.



rys. 3. Most kolejowy południowa austriacka.



rys. 2. Droga z Chur do Thun (Szwajcaria).



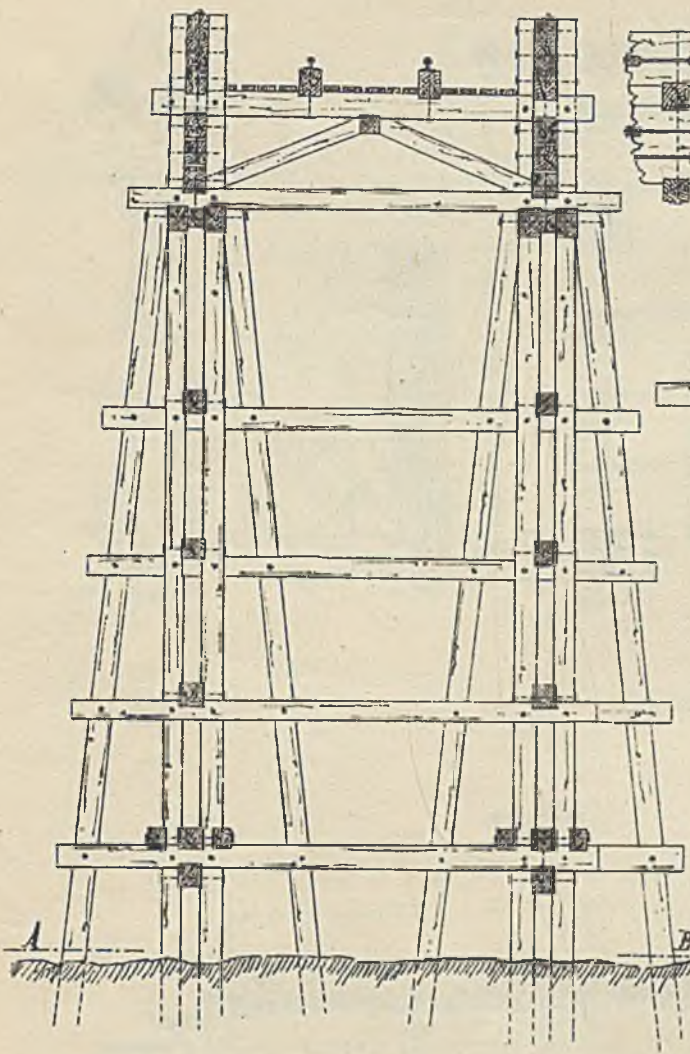
Thullis. Mosty drewniane.



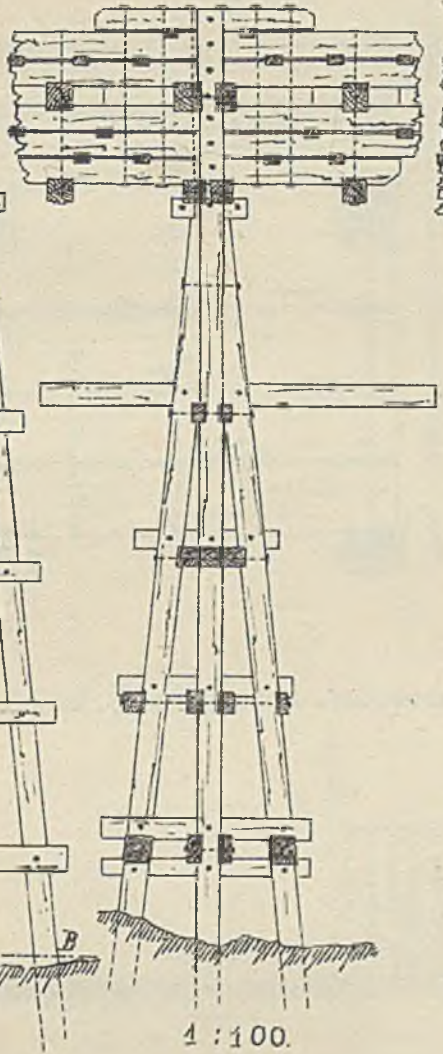


*Jazma nasadzone.  
kolei południowej austriackiej.*

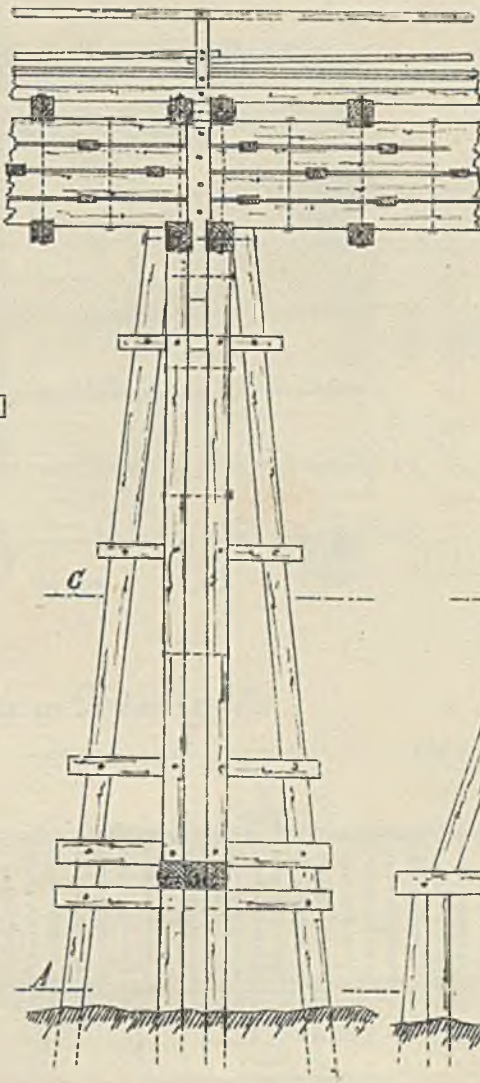
rys. 1.a



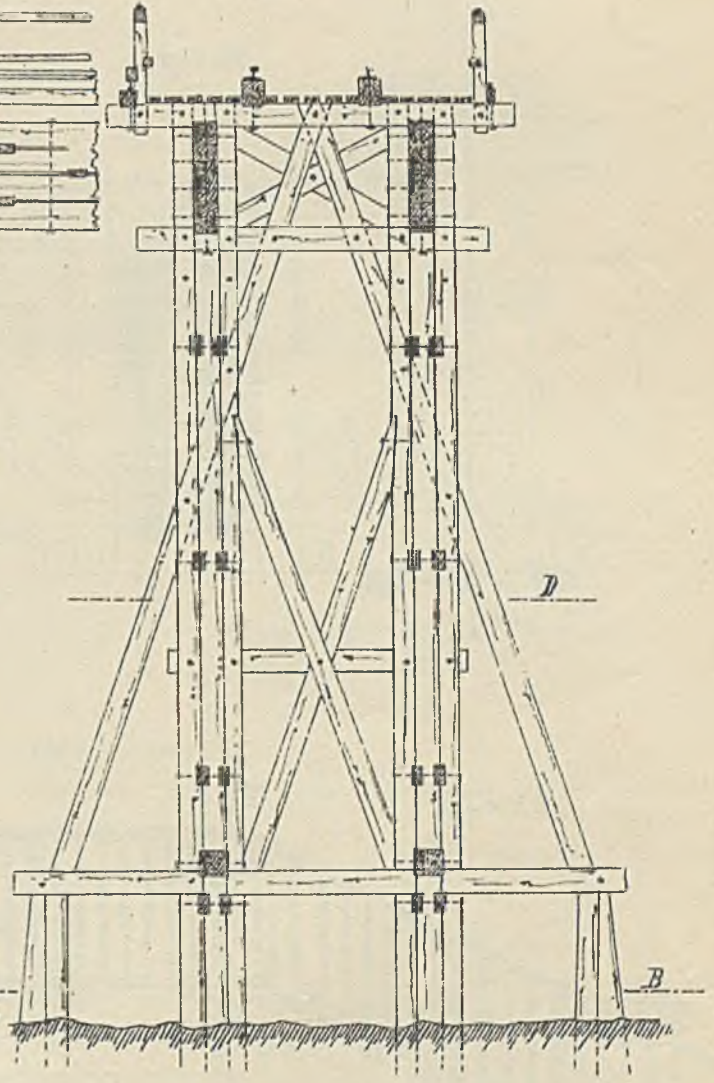
rys. 1.c



rys. 2.a



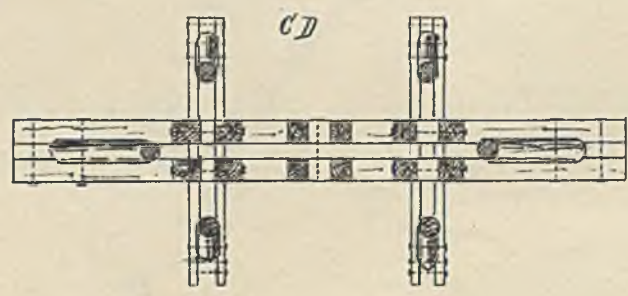
rys. 2.b



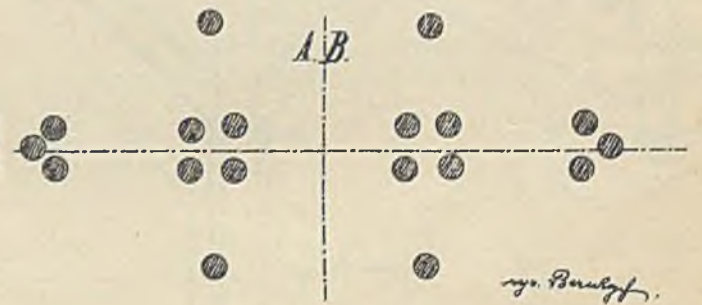
rys. 1.b



rys. 2.c



rys. 2.d



*rys. Bonhoff.*

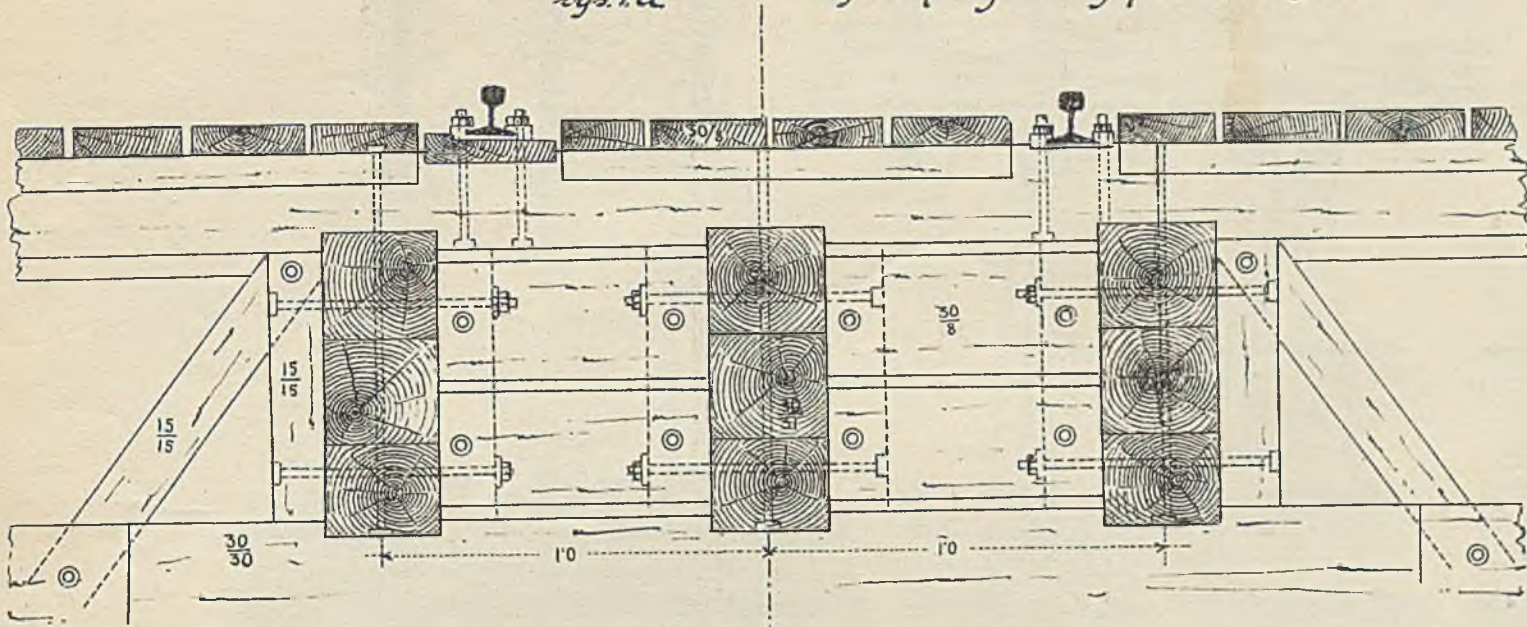


# Belki rozbieżne.

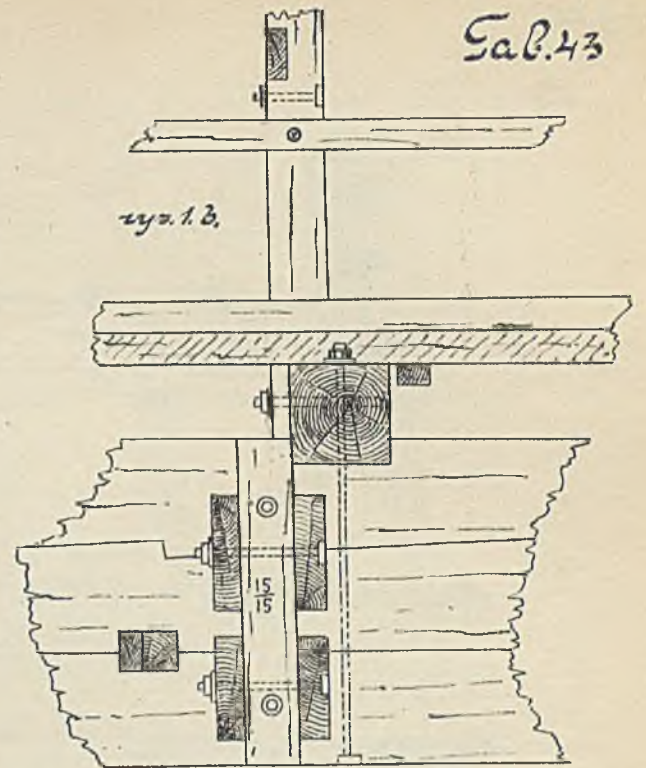
Tab. 43

rys. 1.a

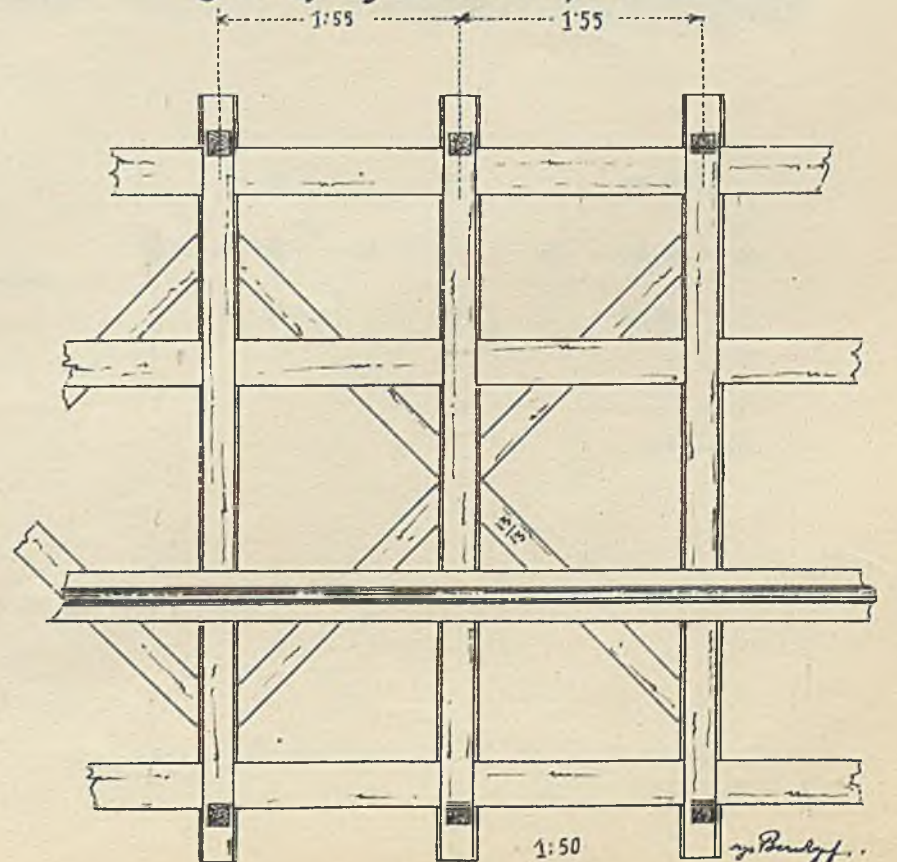
rys. 1. Isolej arcyhr. Albrechta.



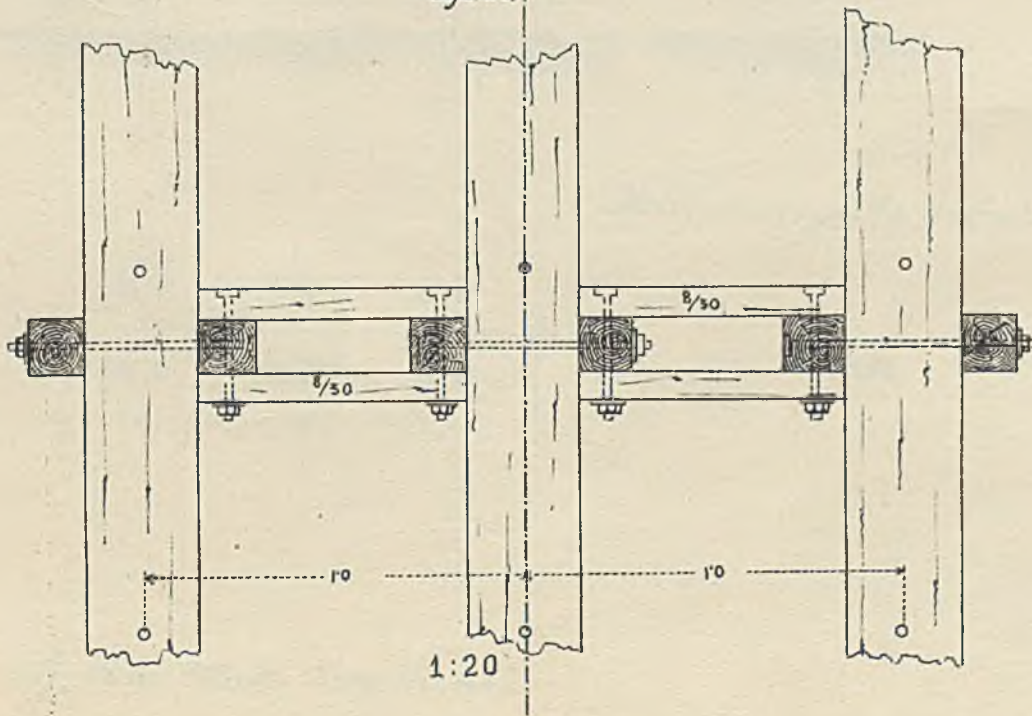
rys. 1.b



rys. 2. Isolej rumuńska.



rys. 1.c



Skullie. Mosty drewniane.

rys. 1.b

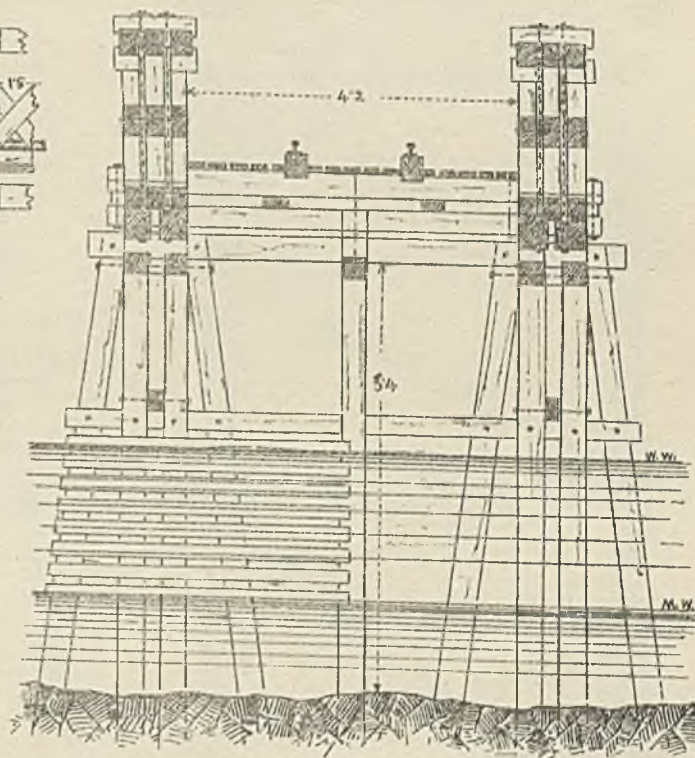
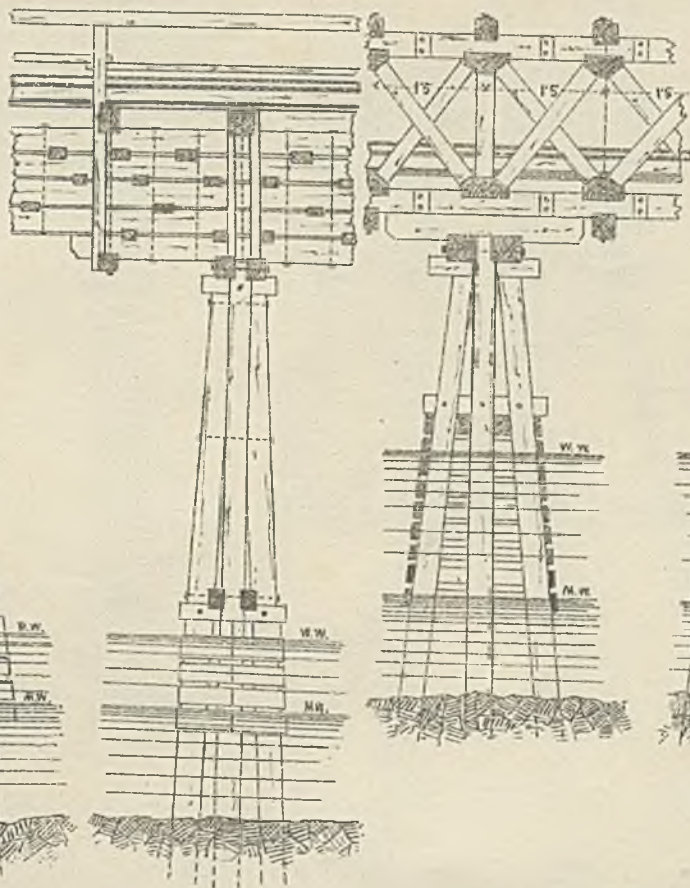
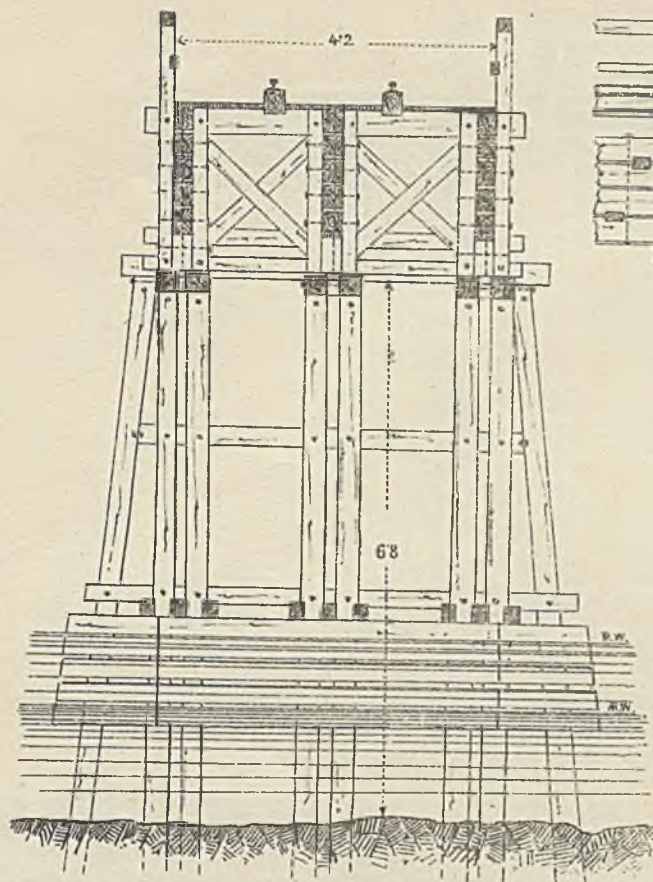
1:50

*Jarkma rzečne.*

*5a.B.44.*

*rys. 1.*

*rys. 2.*



*Holj austriacka południowa.*



1:100.

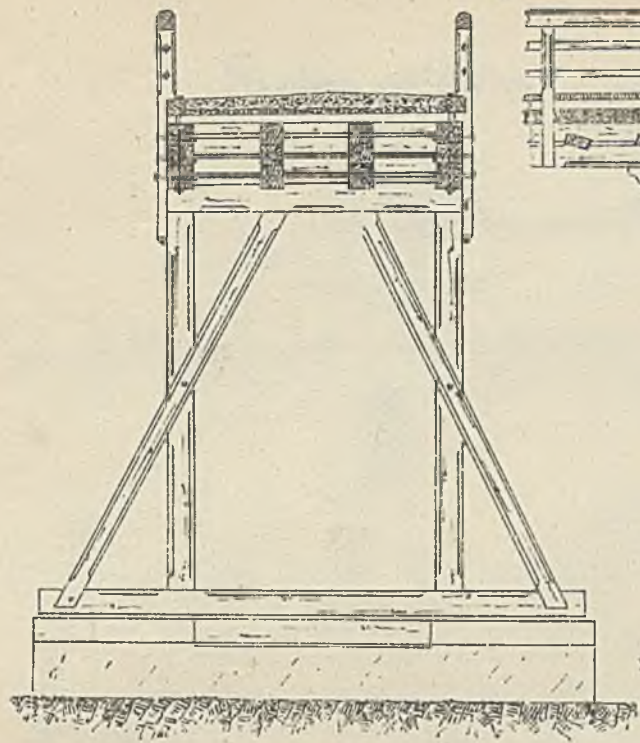


*Thullie. Mosty drewniane.*

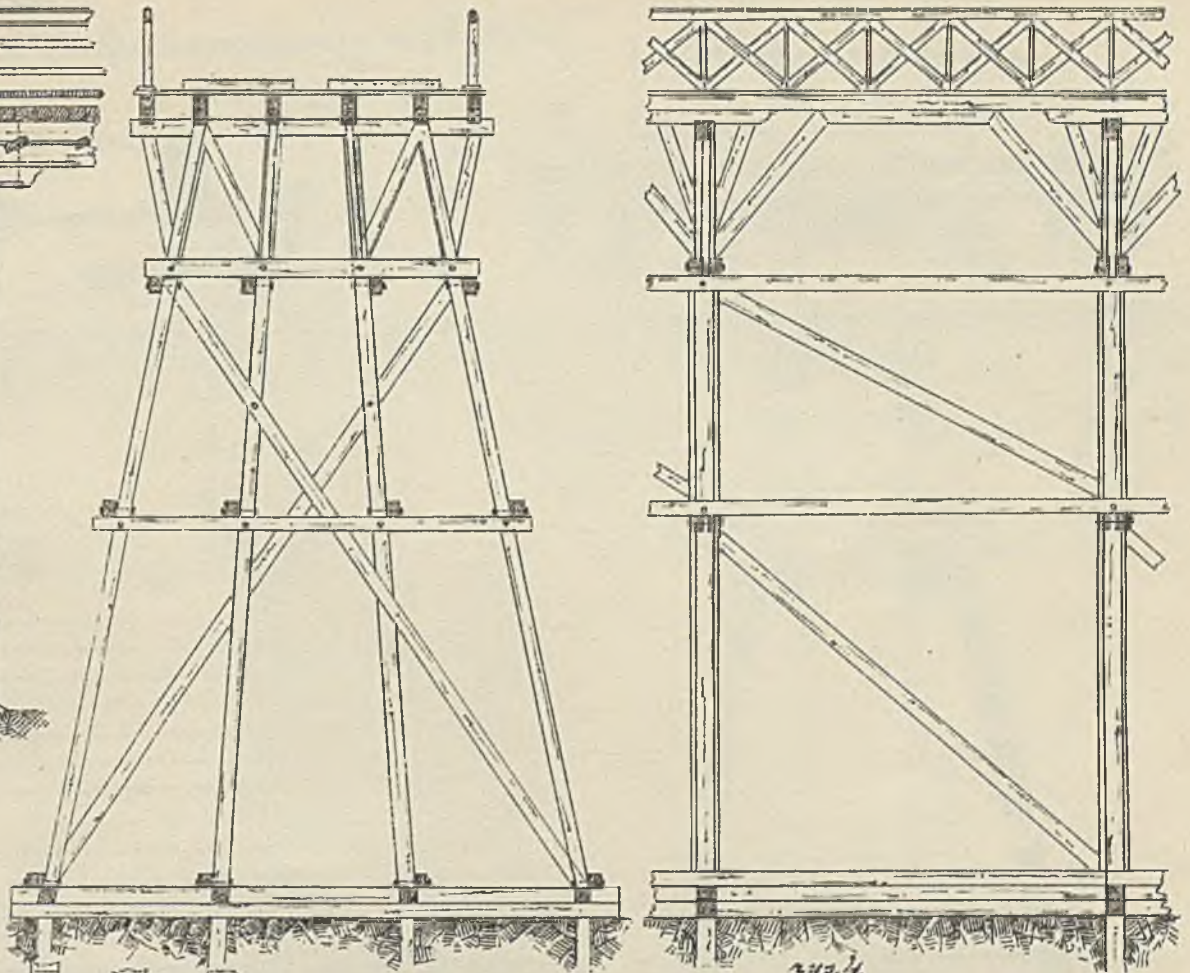
*Jazma nasadzona.*

Tab. 45.

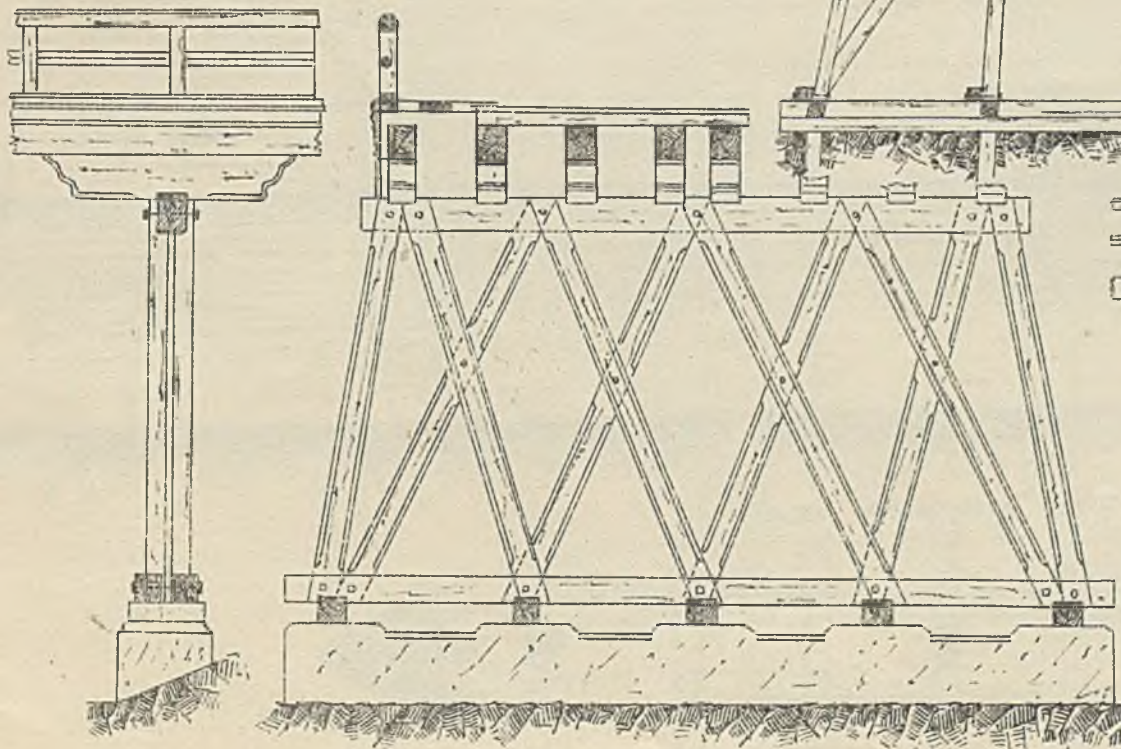
*rys. 1.*



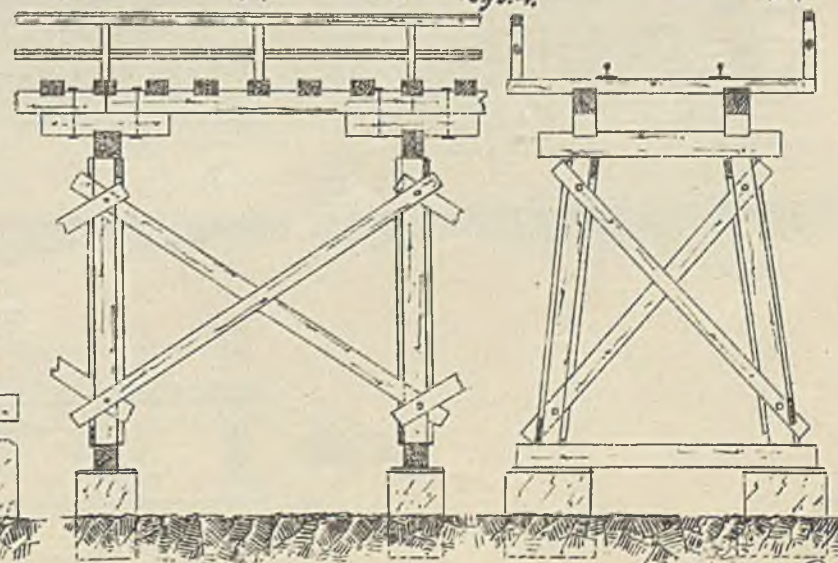
*rys. 2.*



*rys. 3.*



*rys. 4.*



*rys. Pierwidy.*

*Thullia. Mosty drewniane.*

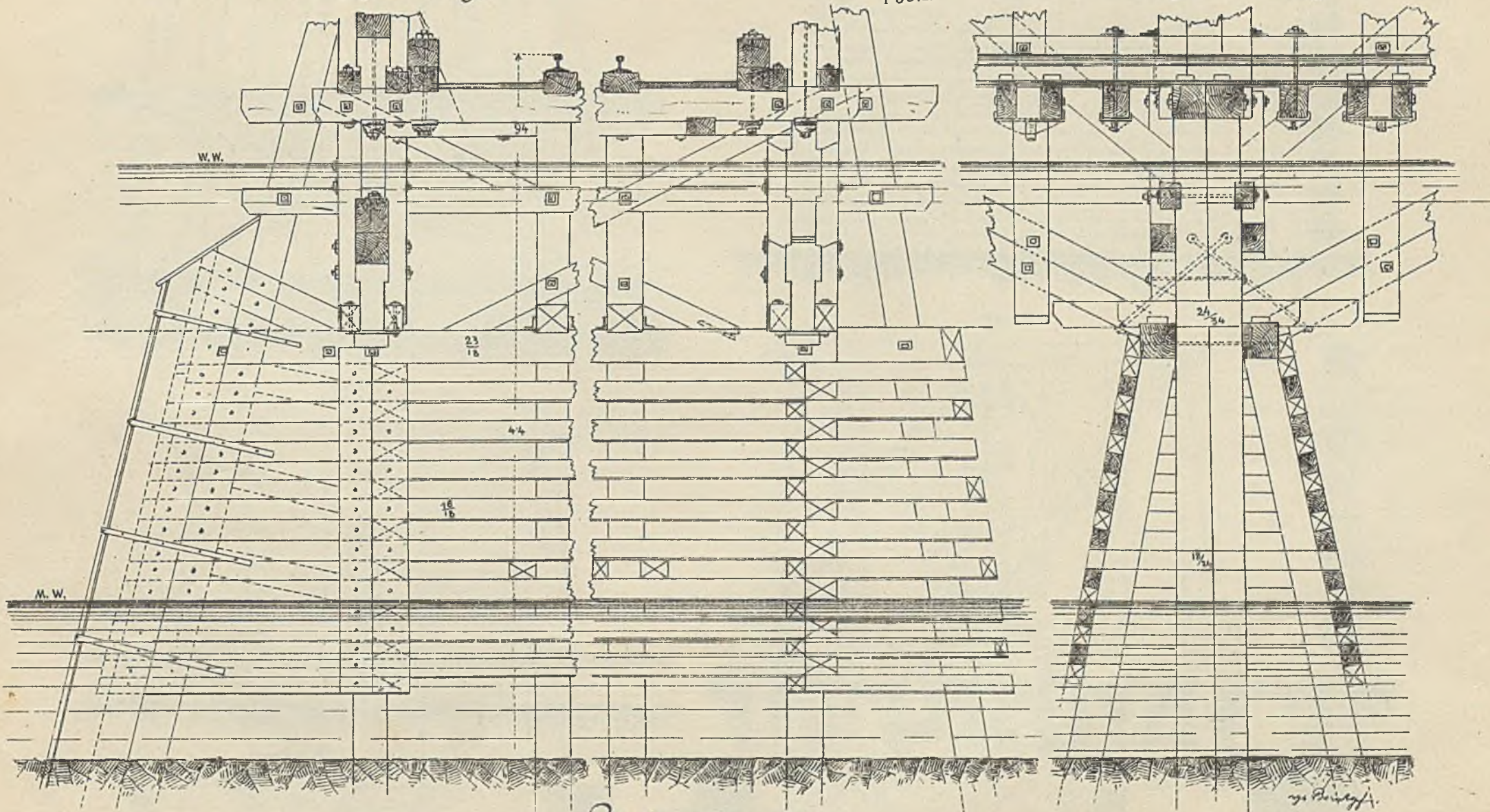
Jazma rzeczna.

Most kolei państwowej w Praterze.

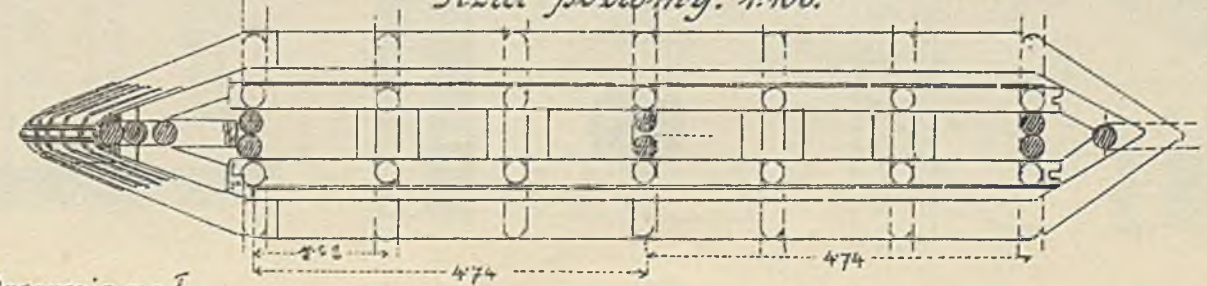
1:50.-

Przebieg podłużny.

Przebieg poprzeczny.



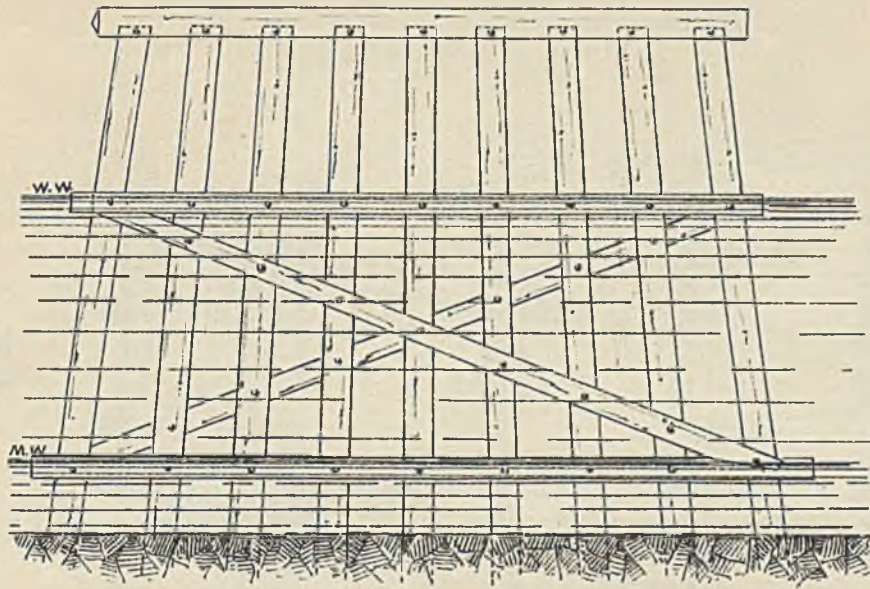
Plan poziomy. 1:100.



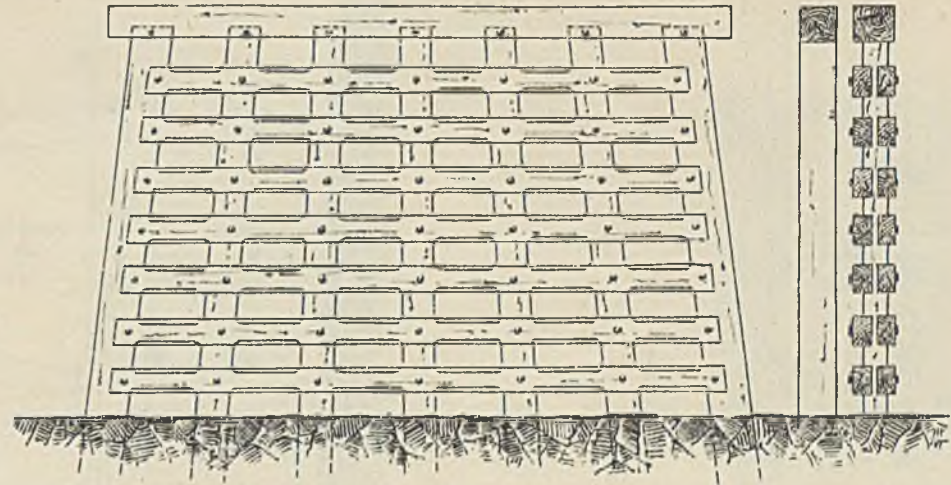
Skullie. Mosty drewniane I.

Jazma white.

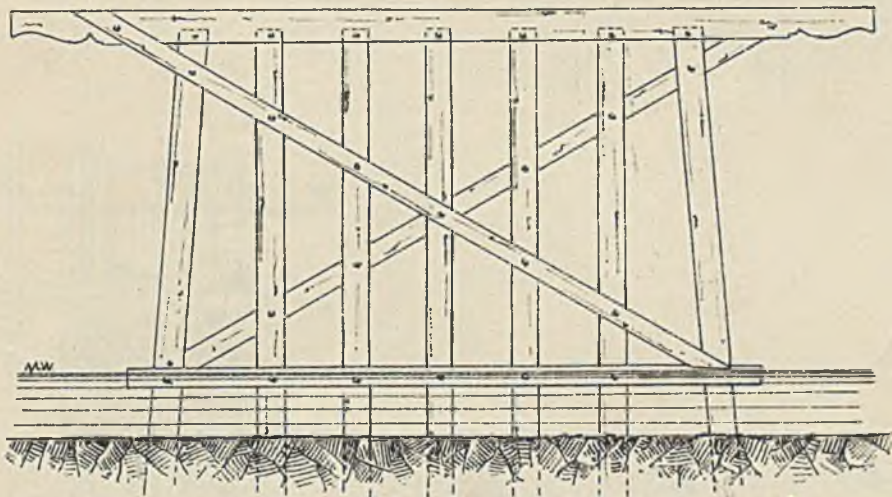
rys. 1.



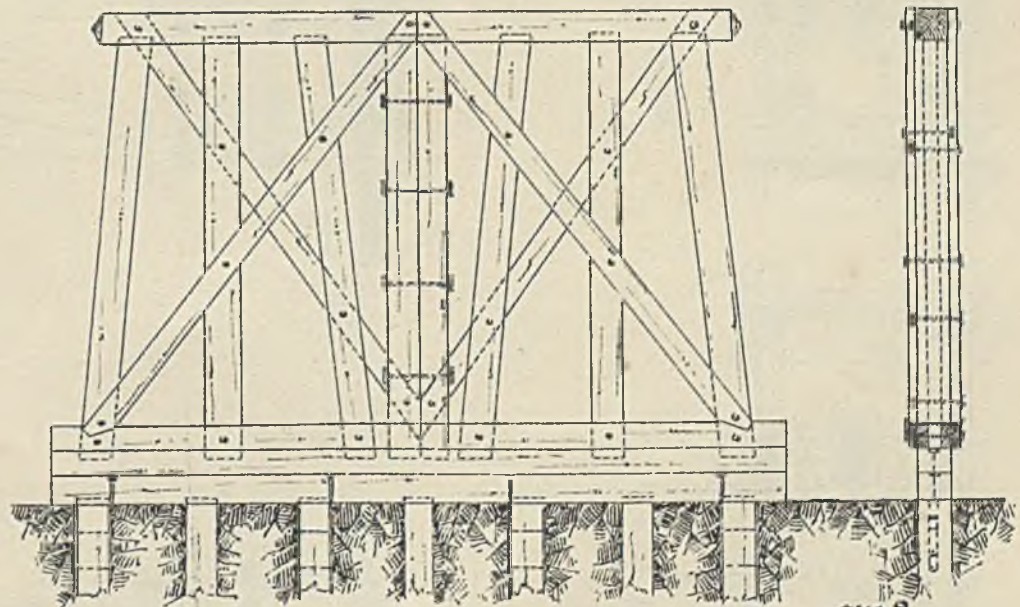
rys. 2.



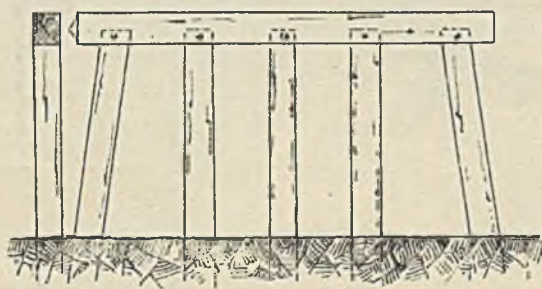
rys. 3.



rys. 4.



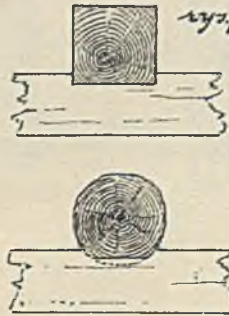
rys. 5.



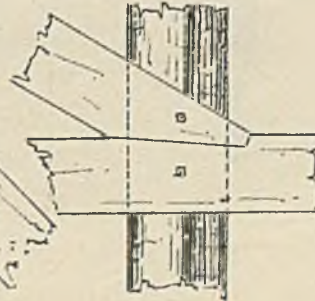
rys. 6.



rys. 7.



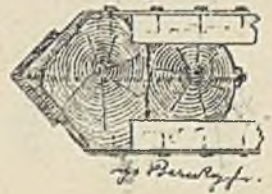
rys. 8.



rys. 9.

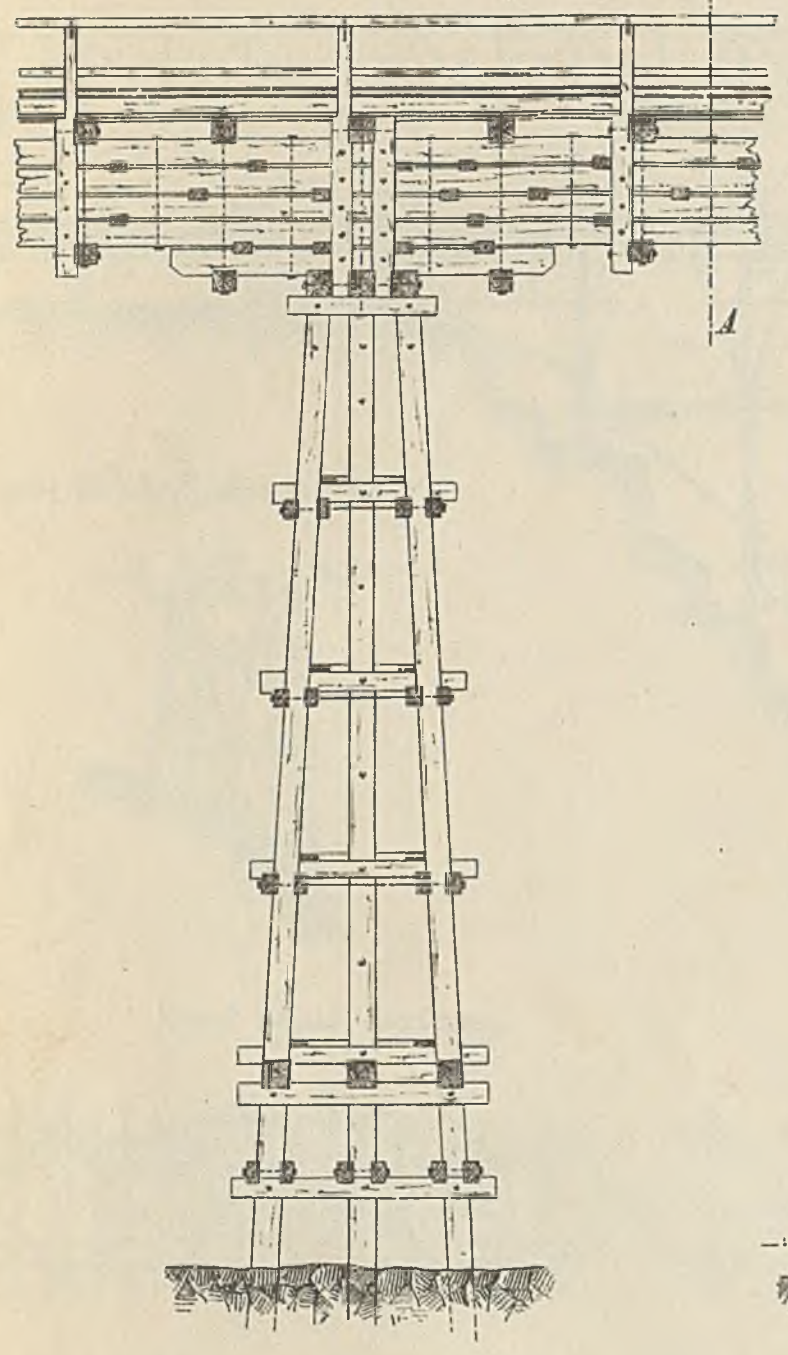


rys. 10.

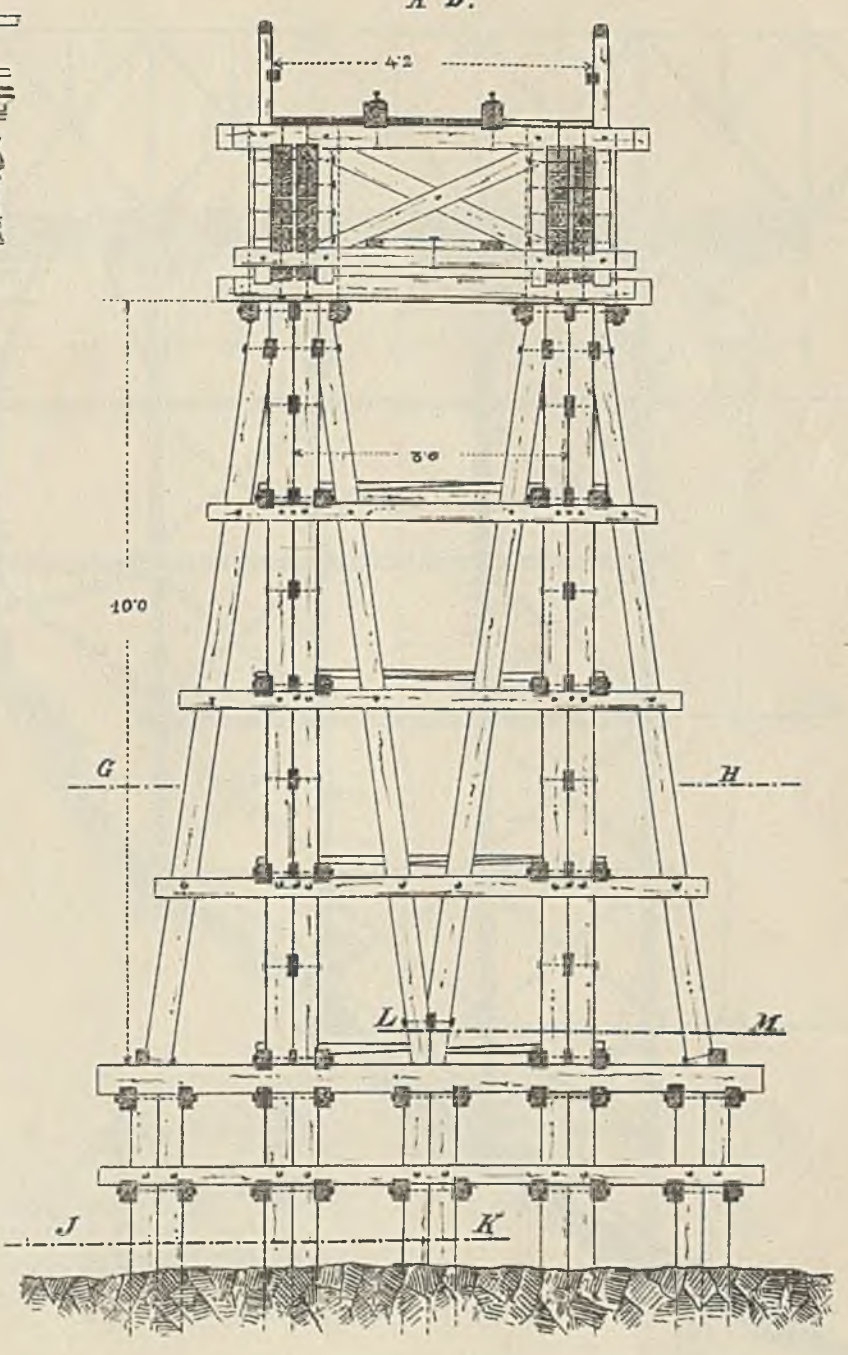


W. B. B. B. B.

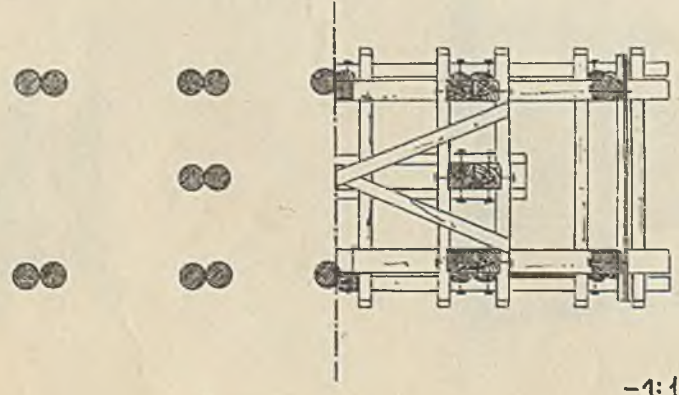
Jazma nasadzona.  
Kolej austriacka poludniowa.  
rys. a.



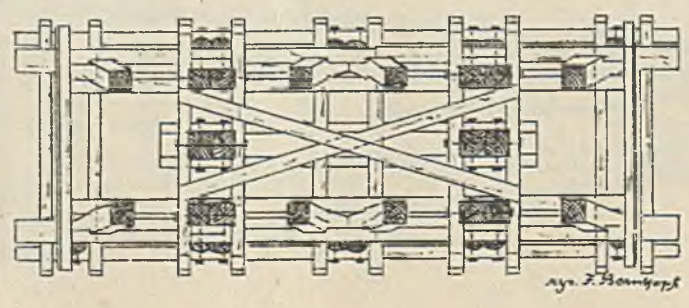
rys. b. A B.



rys. c. JKLM



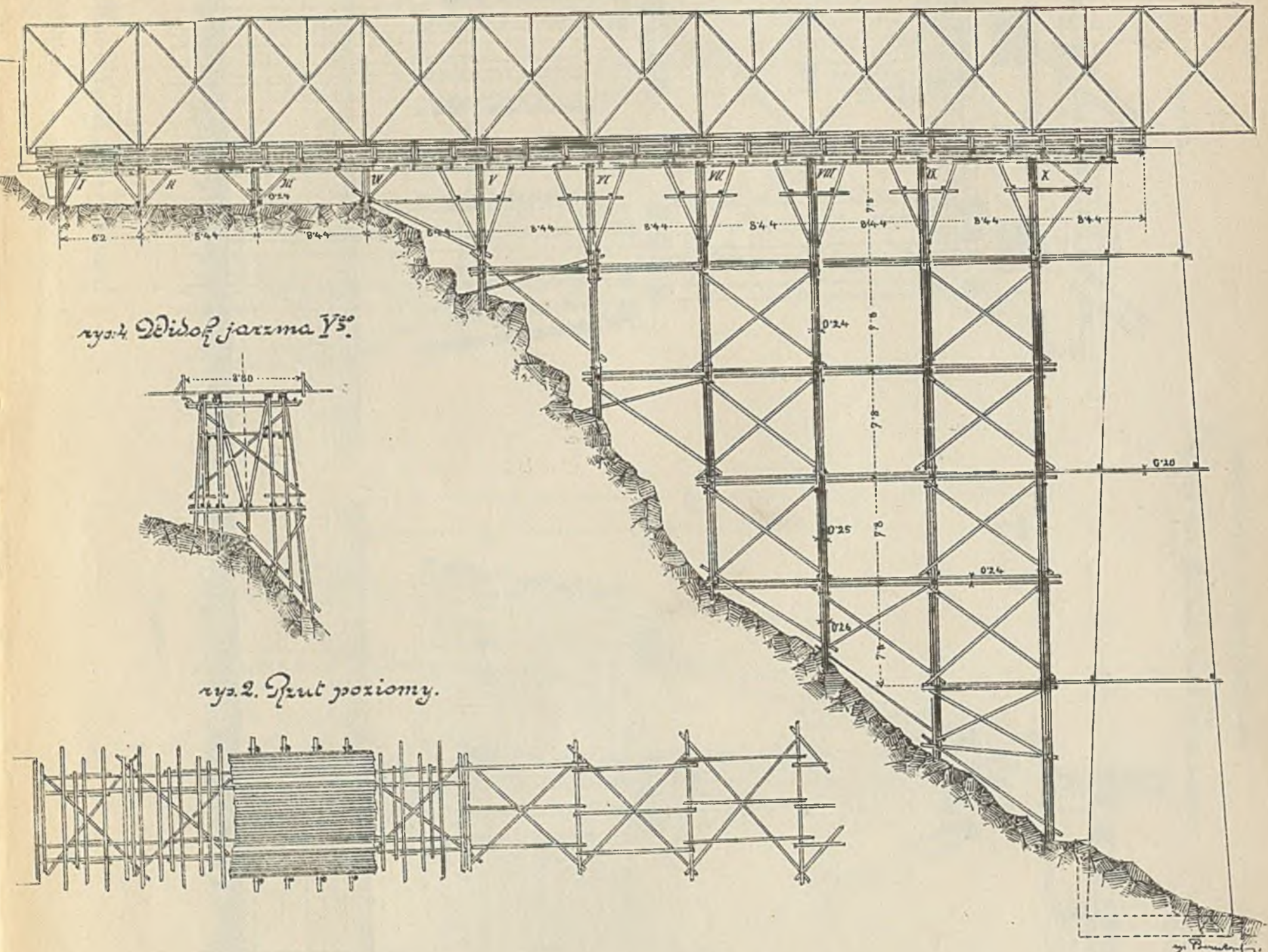
rys. d. G H



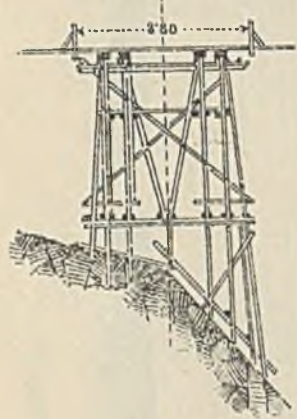


Jazma workownicze.

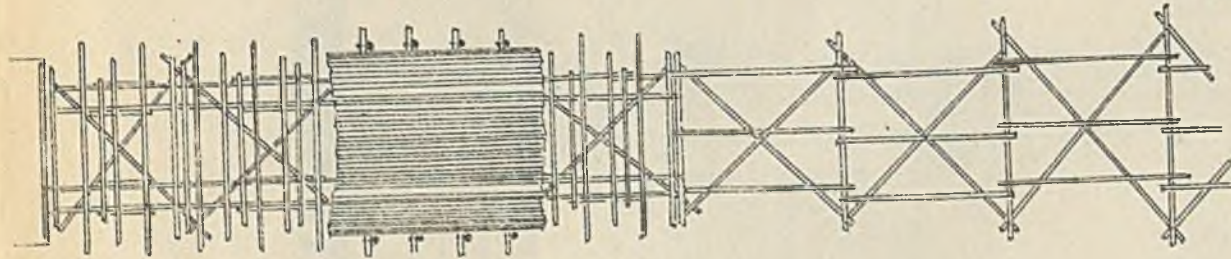
Przełożenie wiaduktu pod Czerwona. rys. 1. Widok.



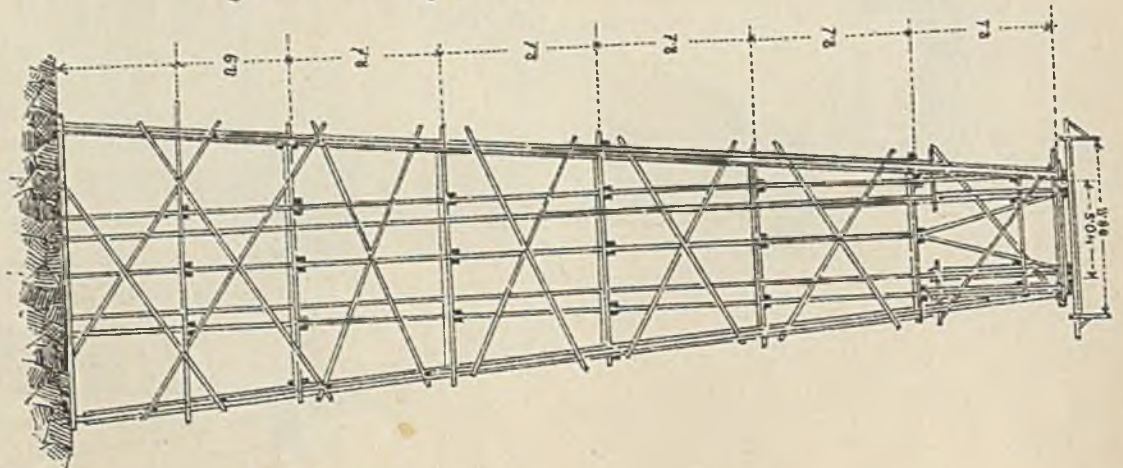
rys. 4. Widok jazmy Y<sup>5</sup>.



rys. 2. Prut poziomy.



rys. 3. Widok jazmy X<sup>5</sup>.



rys. 5.

Widok jazmy I, II, III i IV.

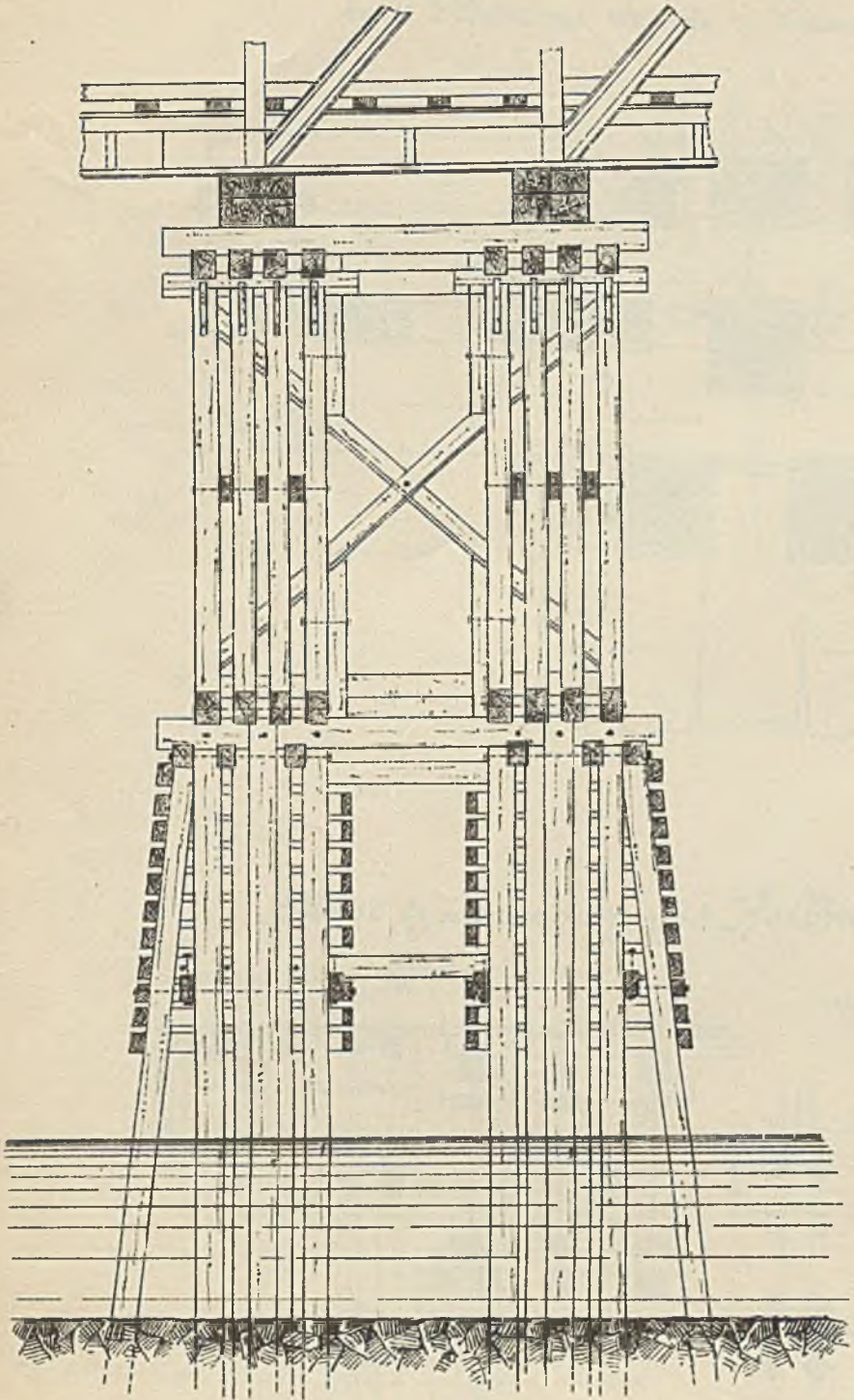


1:800. —

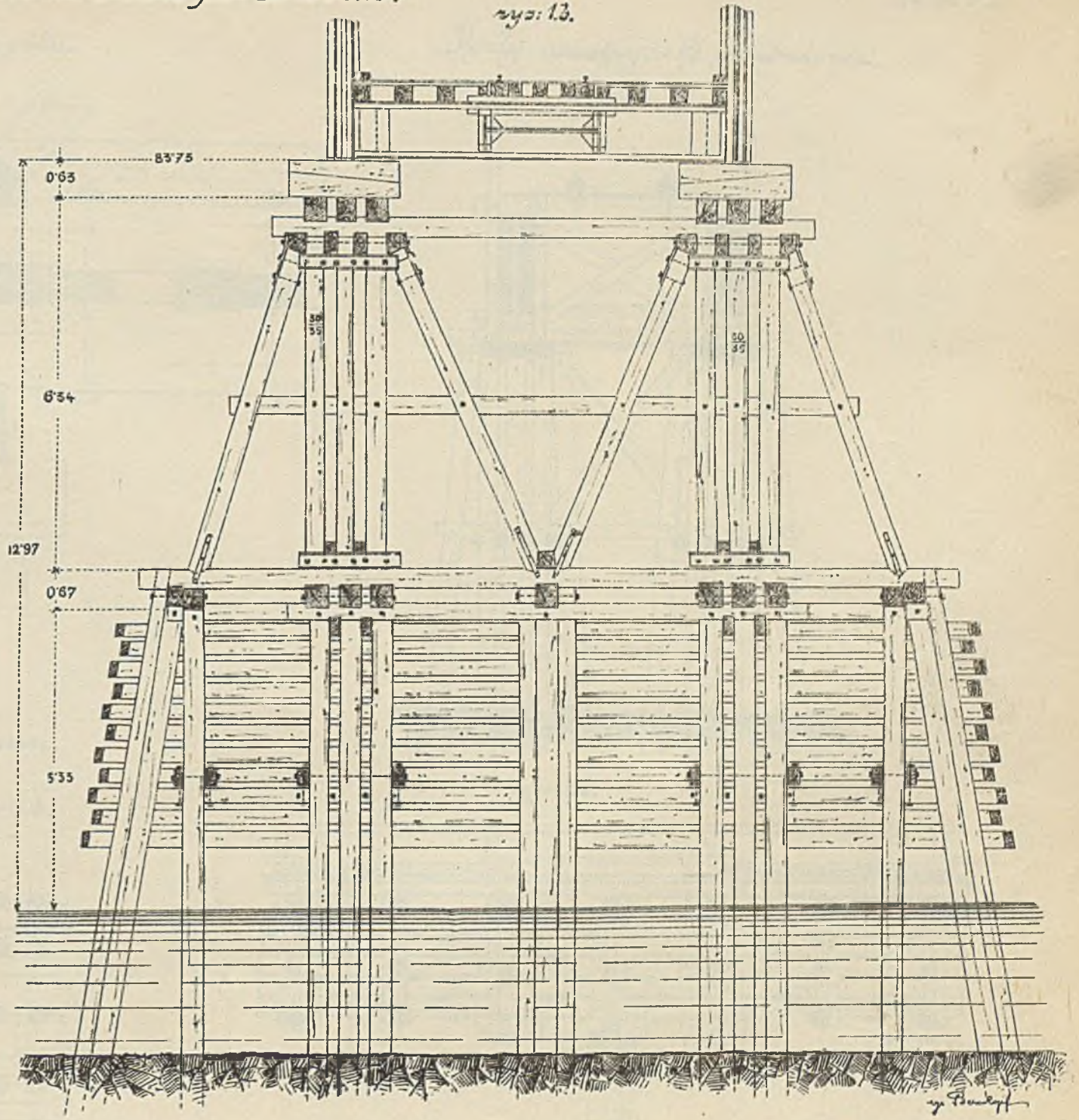
*Jazirna nasadzona.  
Most na Sarwie pod Brodem.*

*Tab. 50.*

*rys. 12.*



*rys. 13.*



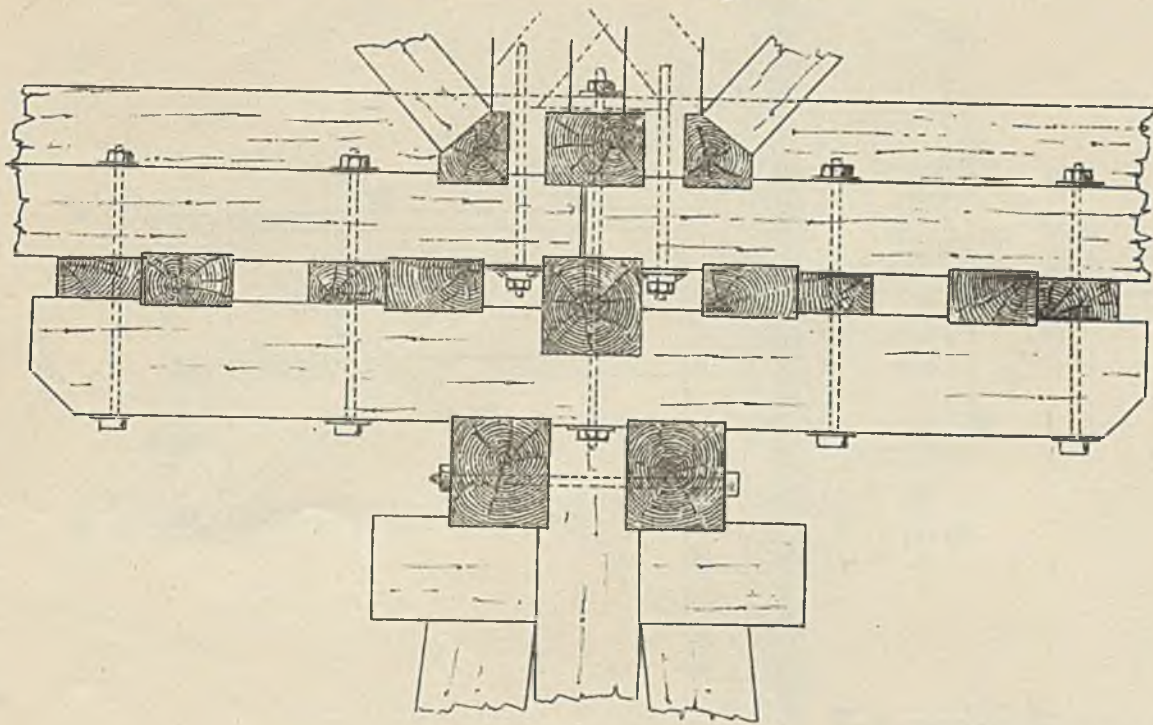
- 1:100. -

*Bullis. Mosty Srewniane!*

Jazma.

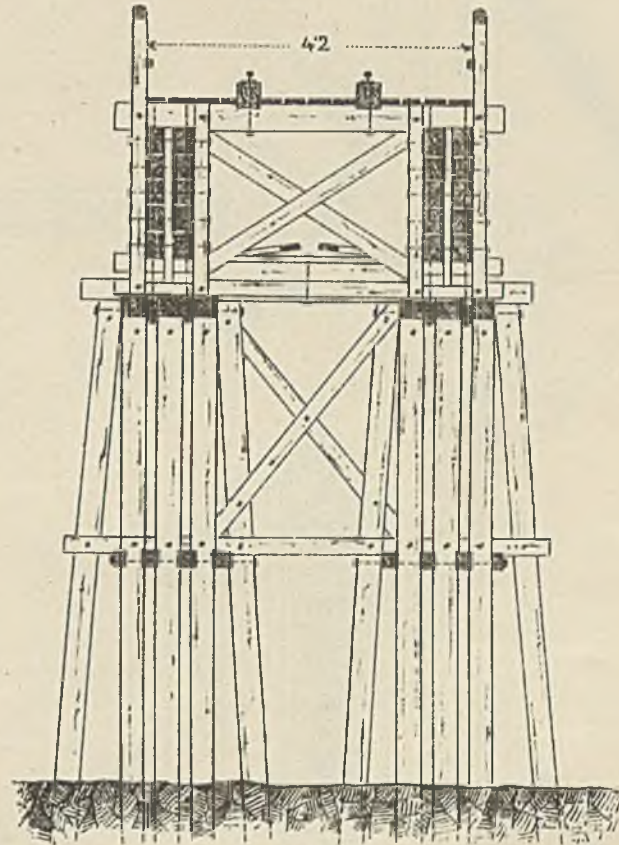
Tab. 51.

rys. 1. Most na sanie w Przemyślu.



Mosty austriackie południowe.

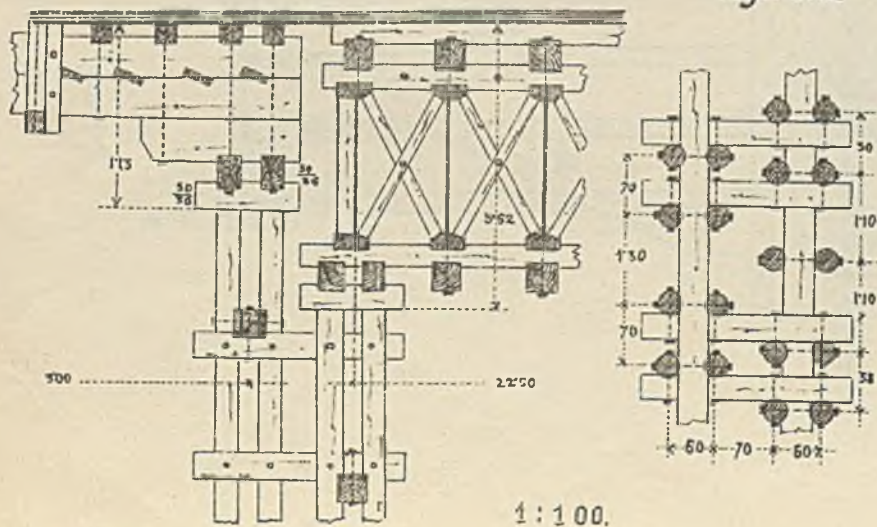
rys. 2a.



Most tymczasowy pod Hallmann.

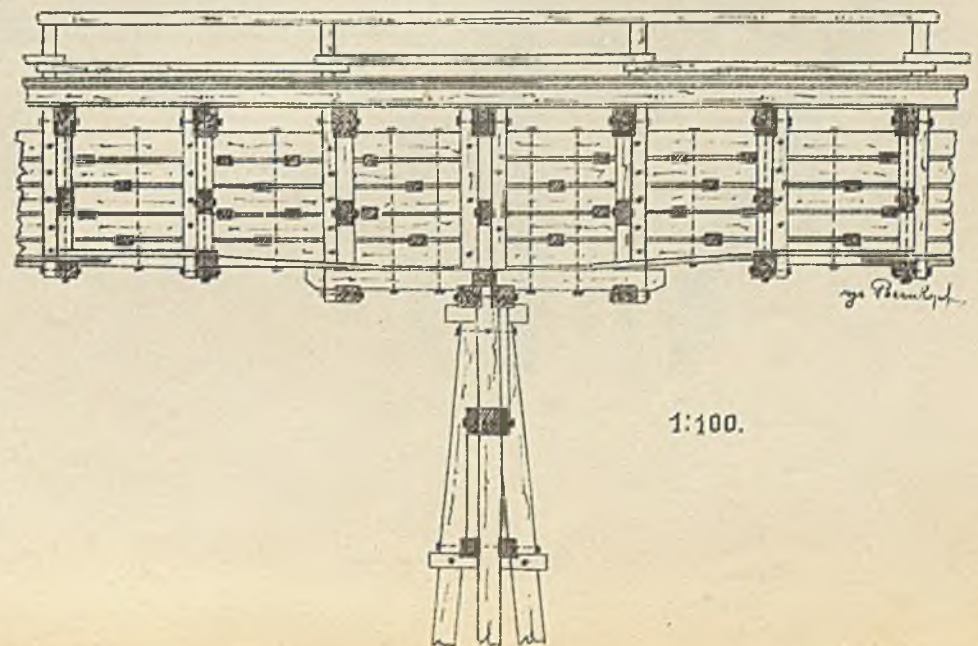
rys. 3a.

rys. 3b.



1:100.

rys. 2b.

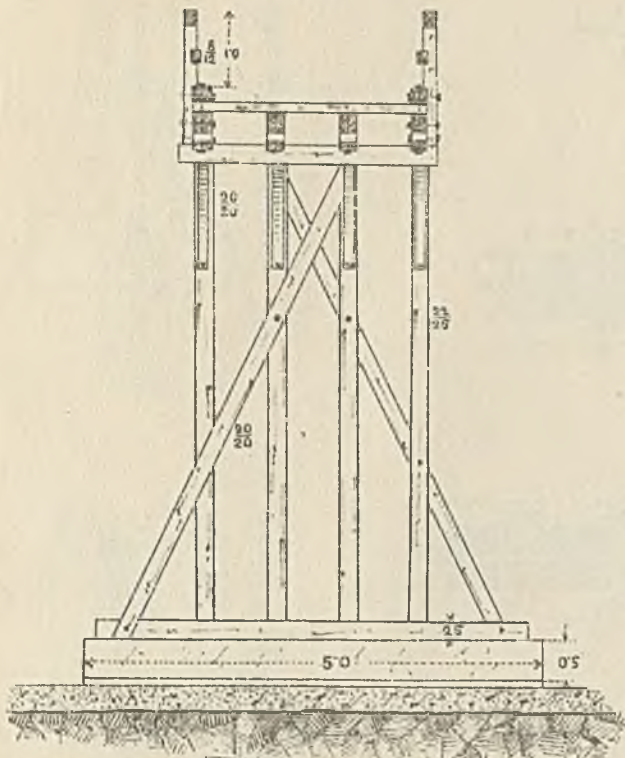


1:100.

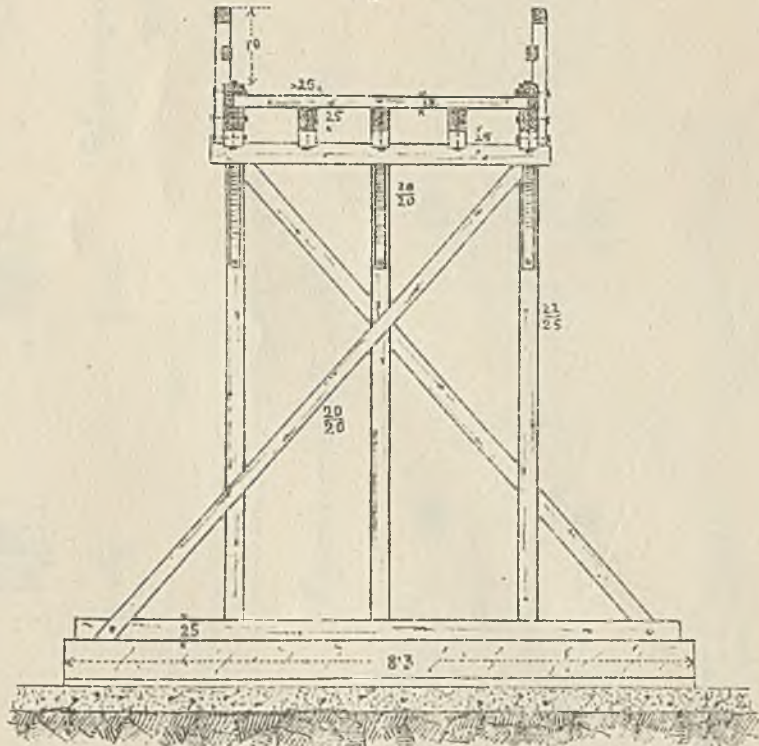
Рулліс. Мосты деревянные.

# Przejawy Odstępkowej kolei po Rudniowej.

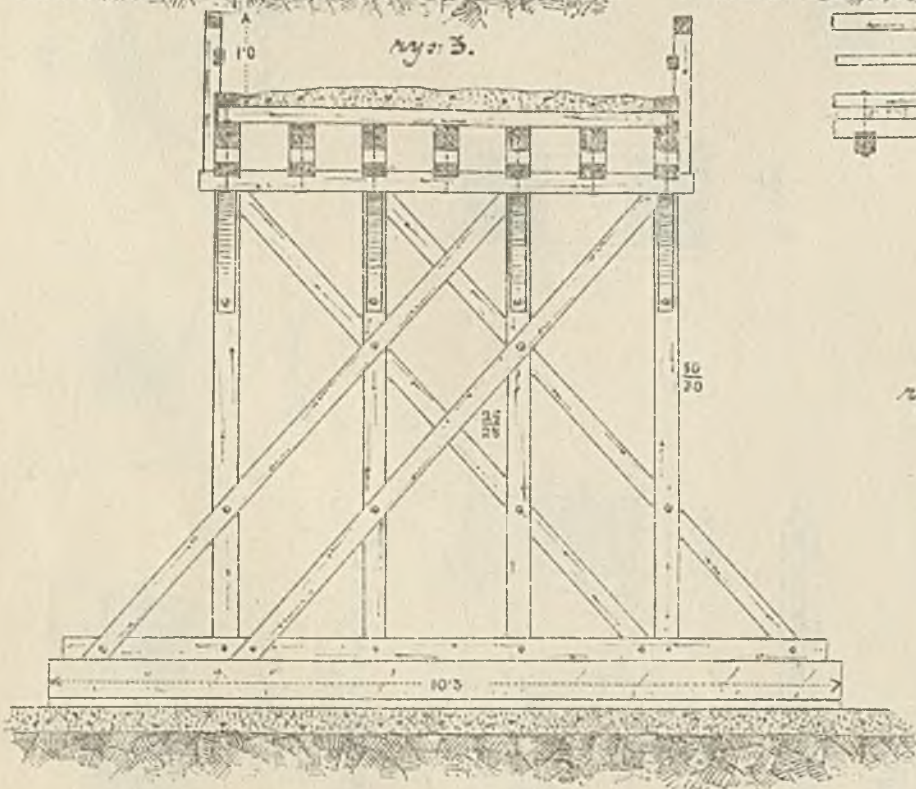
rys. 1.



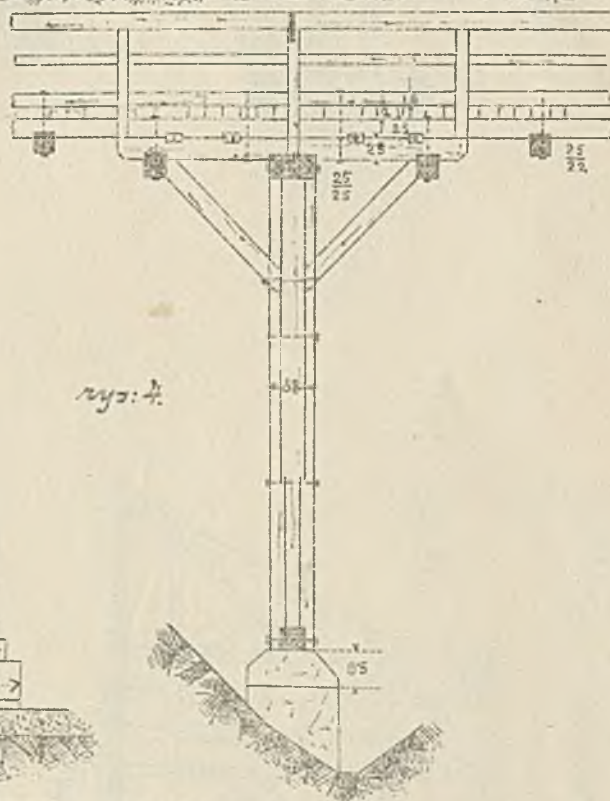
rys. 2.



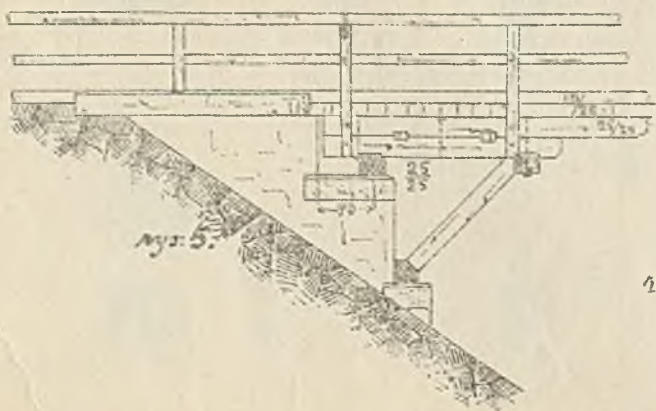
rys. 3.



rys. 4.

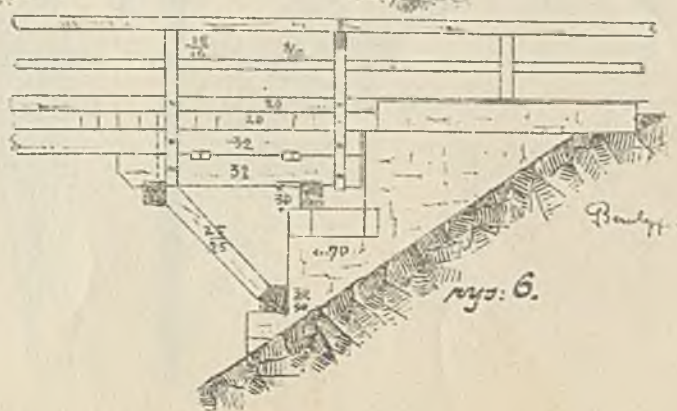


rys. 5.



1:100.

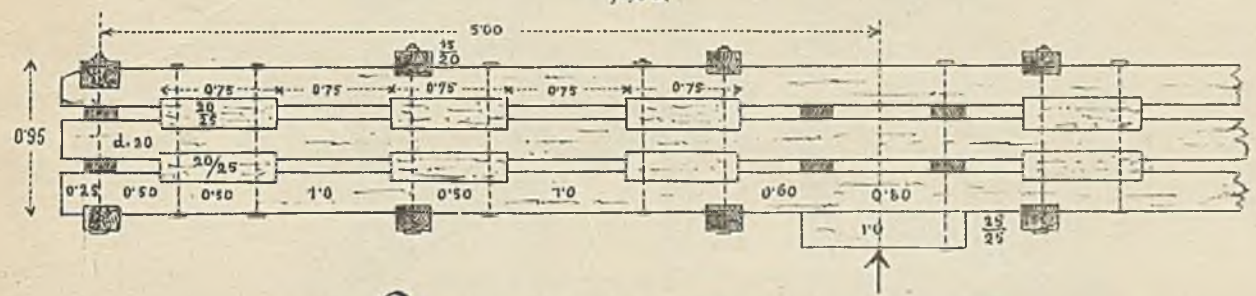
rys. 6.



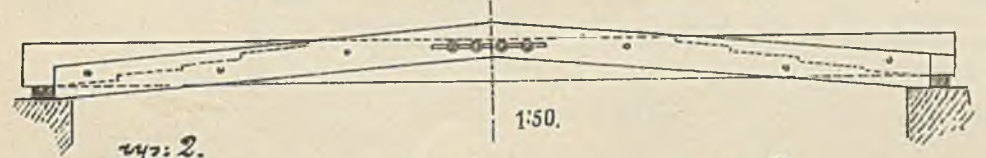
# Diwigary klozone.

rys: 1.  
Diwigar kłochowy wedle Bocka.

1:150.



rys: 3. Diwigar wzmocniony.



rys: 2.

Isłin a odradzka.



rys: 4.



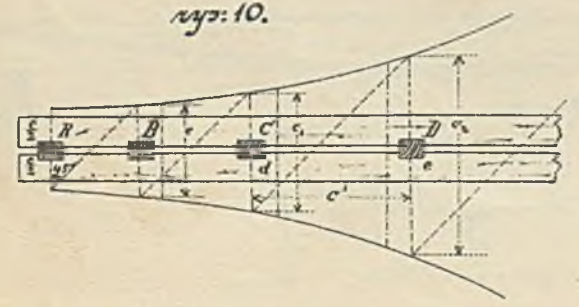
rys: 5.



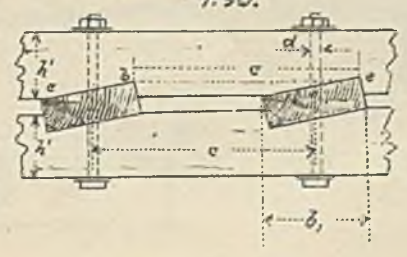
rys: 6.



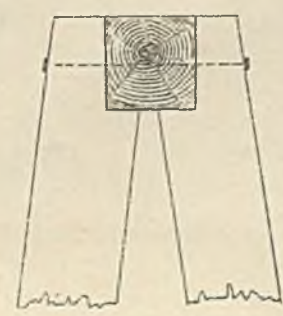
rys: 10.



rys: 11. Isłiny ukośne  
1:30.



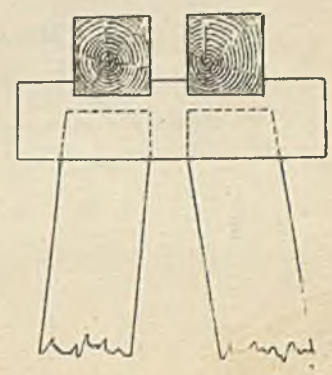
rys: 12.



rys: 13.



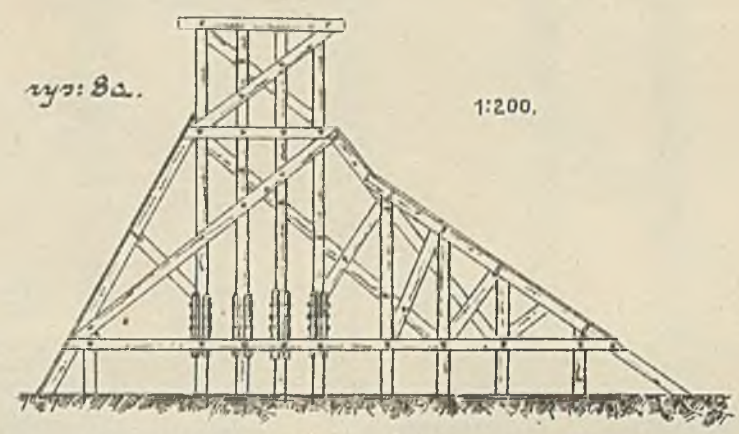
rys: 14.



# Mosty norwęgskie.

rys: 8a.

1:200.

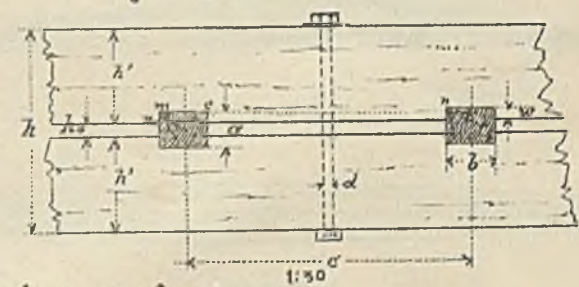


rys: 8b.



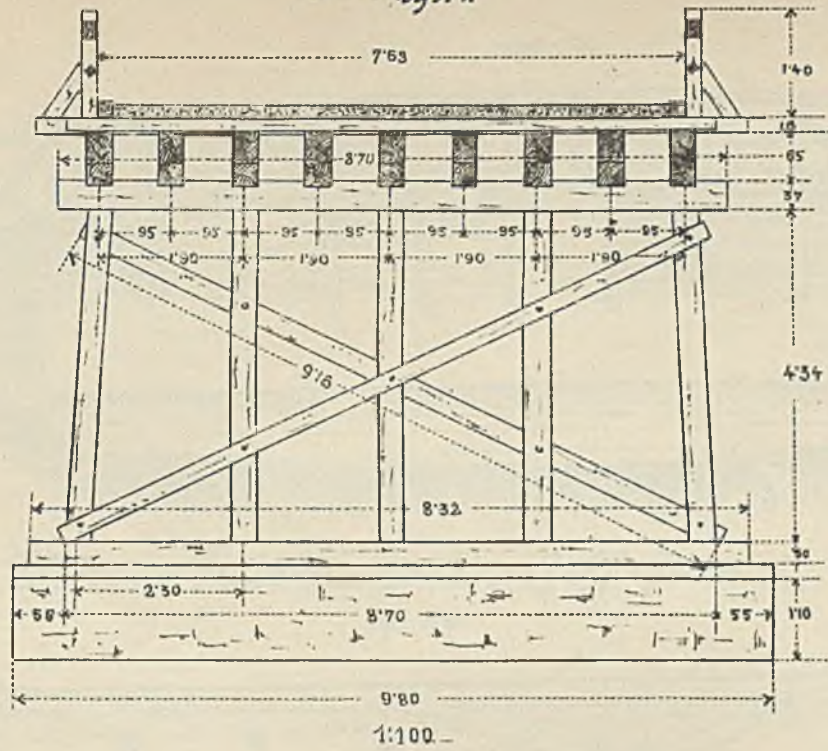
rys: 7.

rys: 9. Isłiny pionowe.

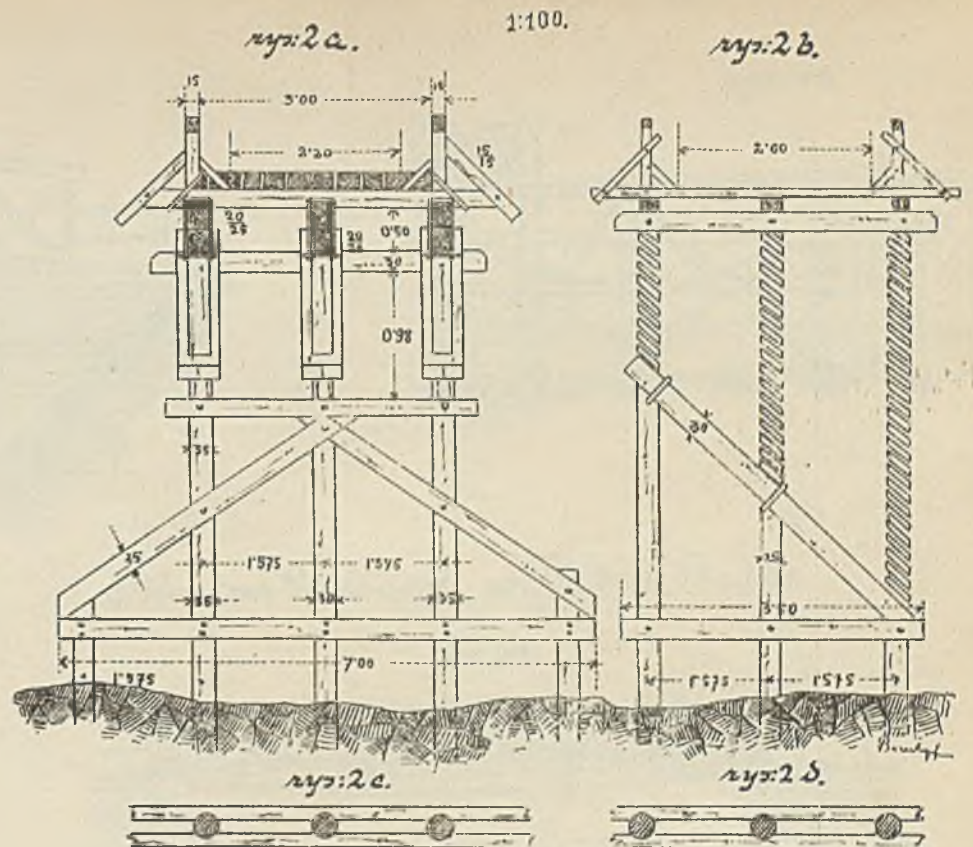


Ustroje oszczędne.  
1:25.

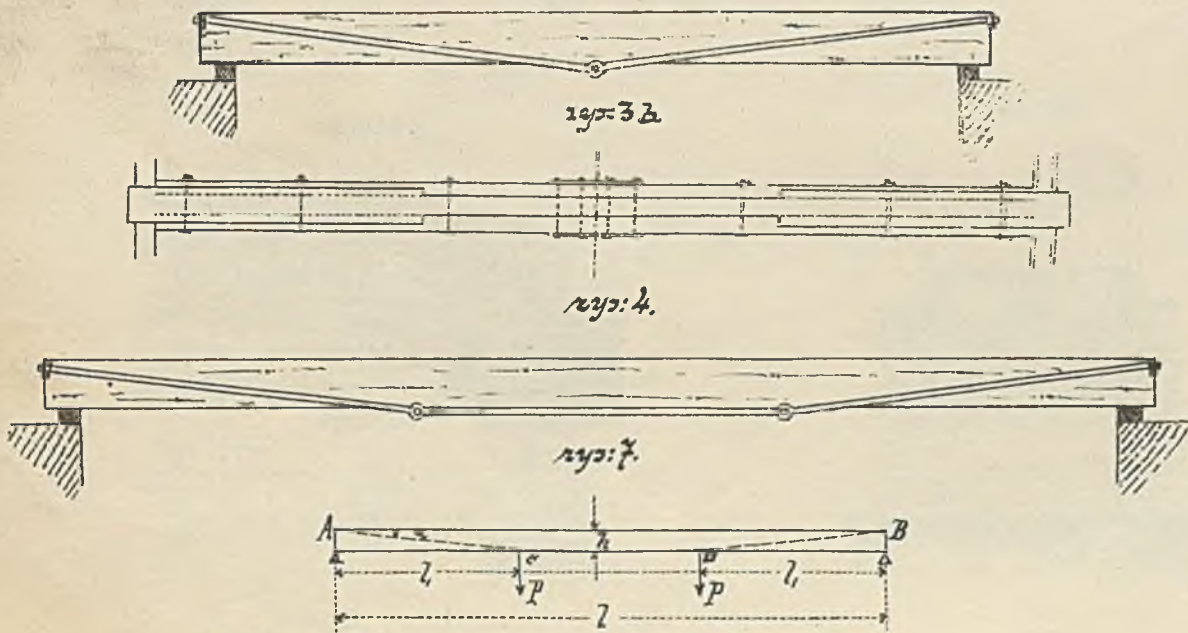
Przejazd kolei Karola Ludwika  
w Glogowie.  
rys: 1.



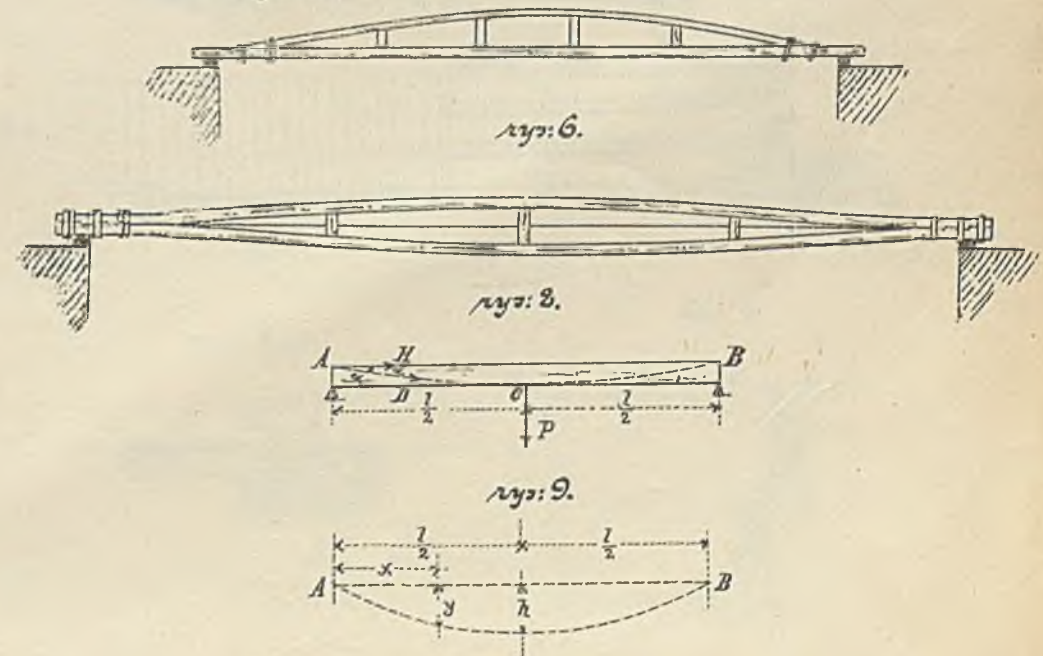
Most na Nere u Emels-Blay. Tab. 54.



Belki wzmacniowane.  
rys: 3 a.



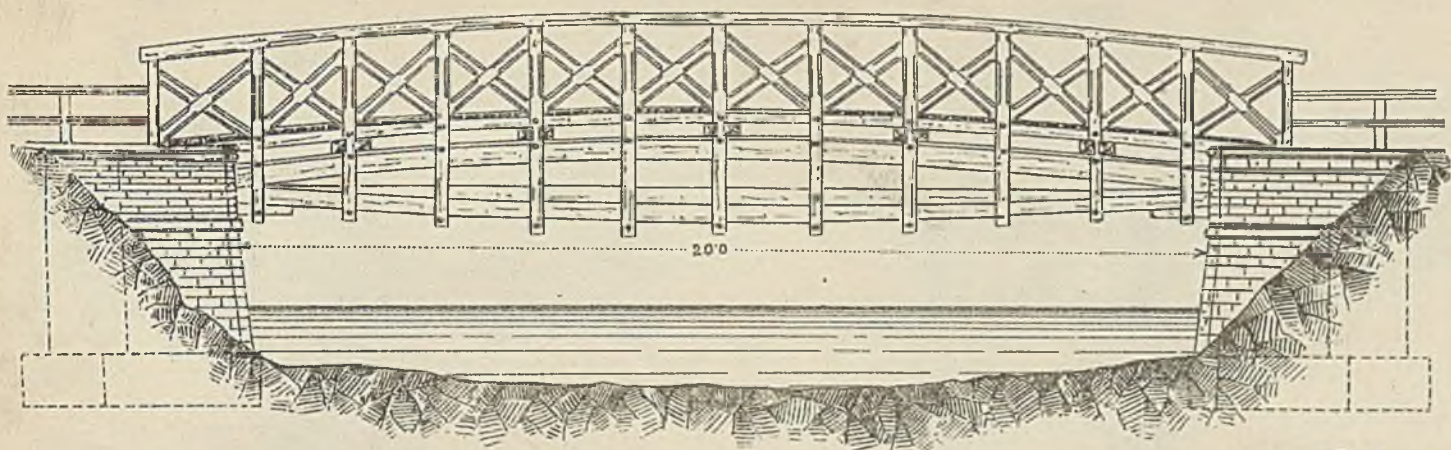
Belki rozparte.  
rys: 5.



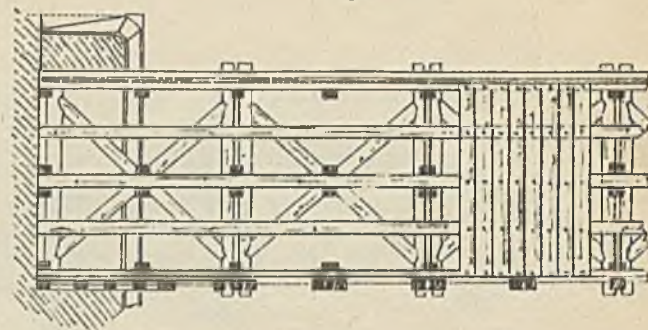
Фуллиц. Мосты, Сирианианска.

Most na Pleuenschor Grund pod Dreznem.

rys. 1a.

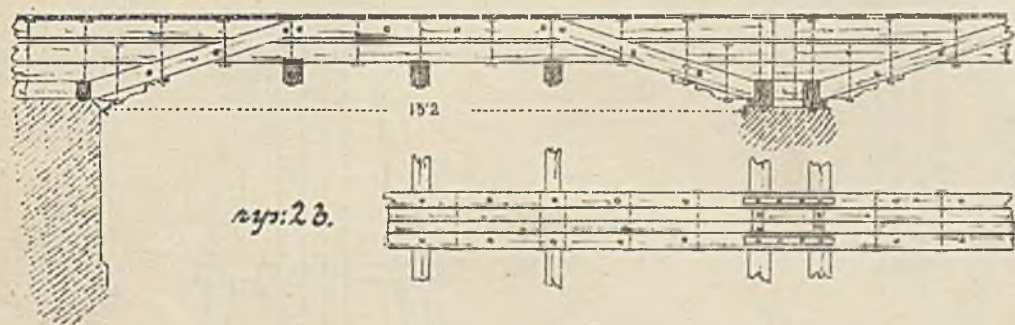


rys. 1b.

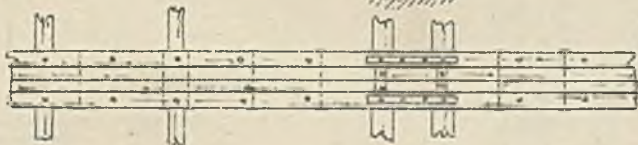


Most na Gaubers pod Bischoffshaim.

rys. 2a.

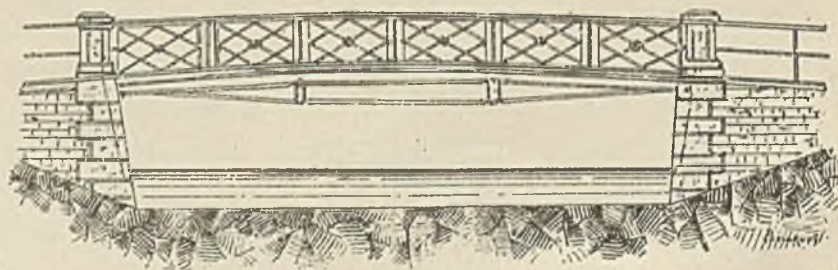


rys. 2b.

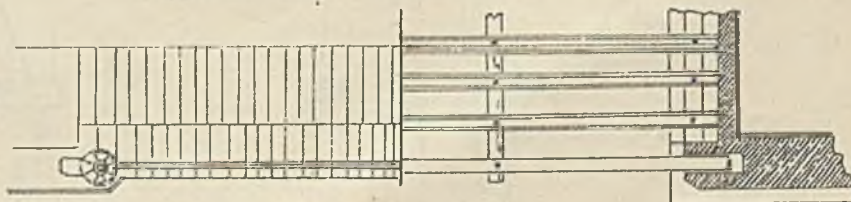


Most na Vorbachu w Baden-Baden.

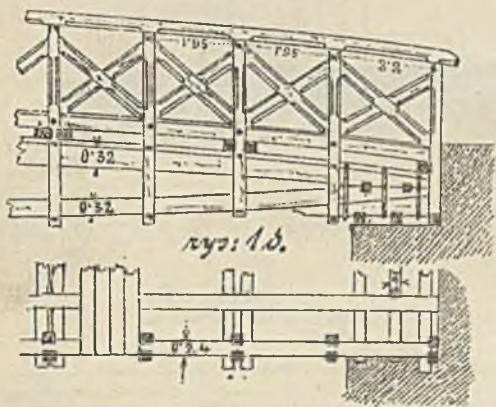
rys. 3a.



rys. 3b.

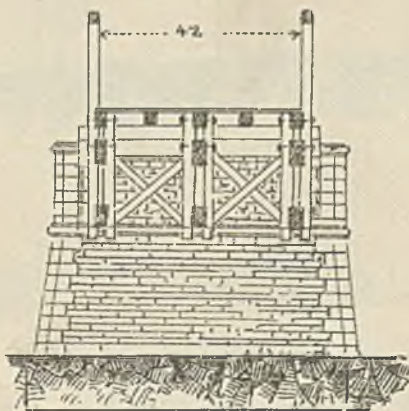


rys. 1c.



rys. 1d.

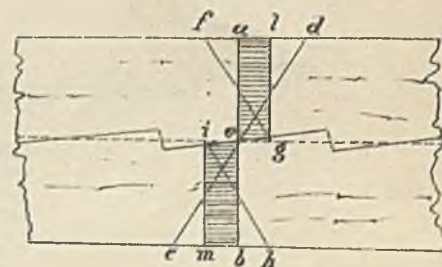
rys. 1e.



rys. 3c.



rys. 4.

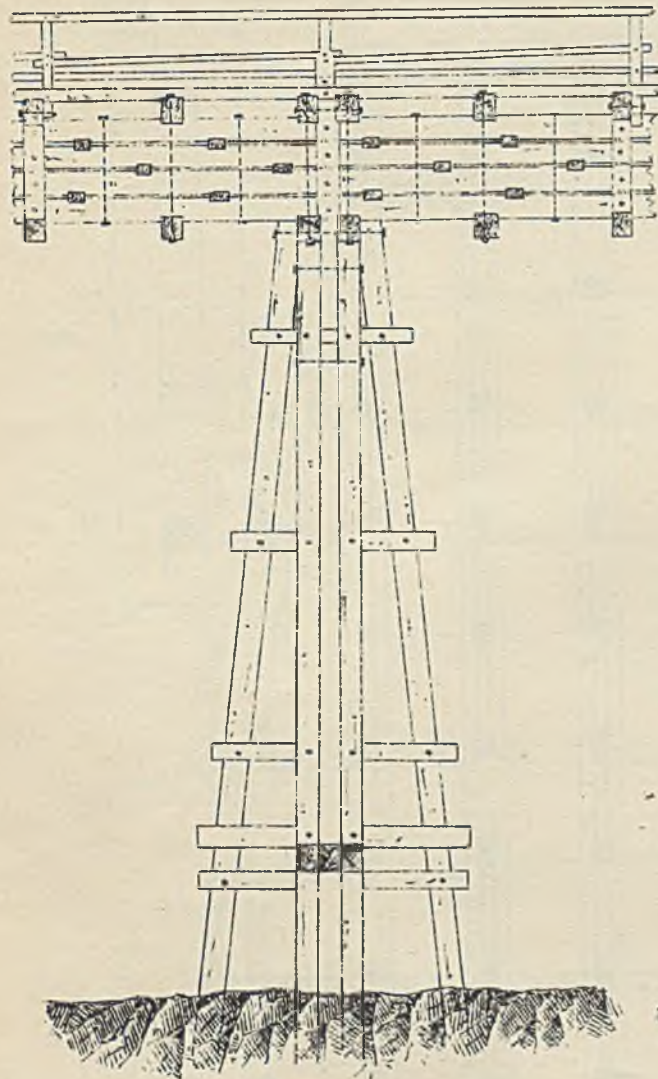


Skupie Mosty drewniane.

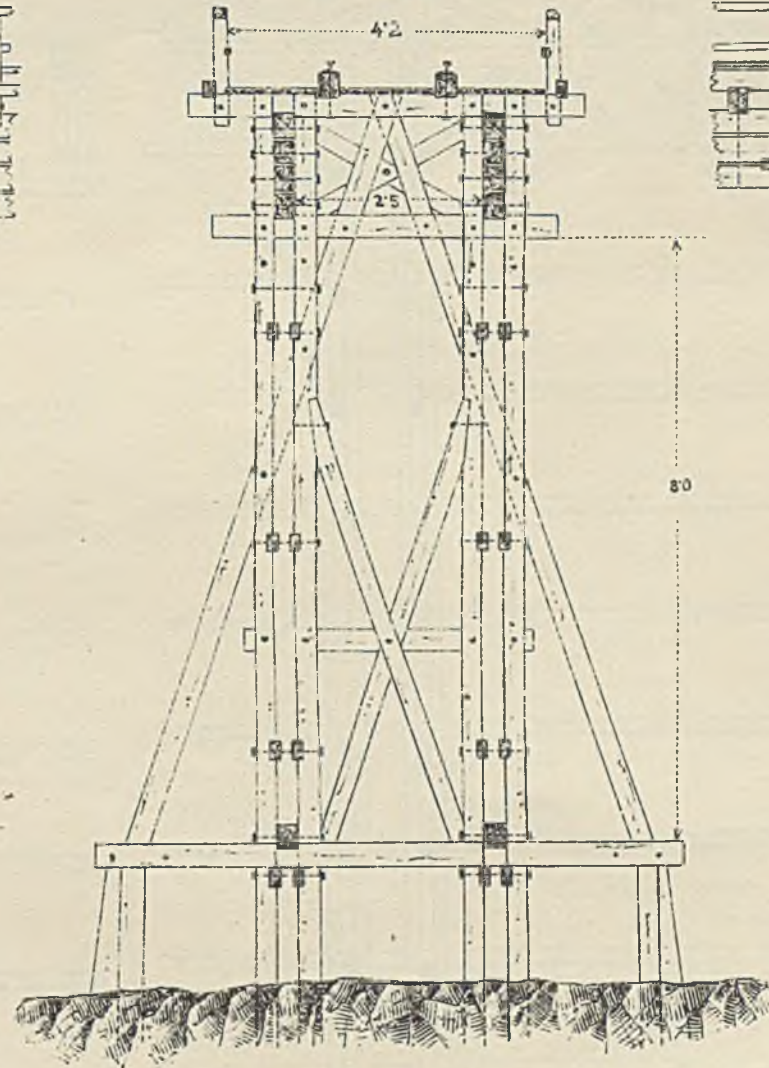
Jazma nasadzone  
holi państwowej austriackiej.

1:150.

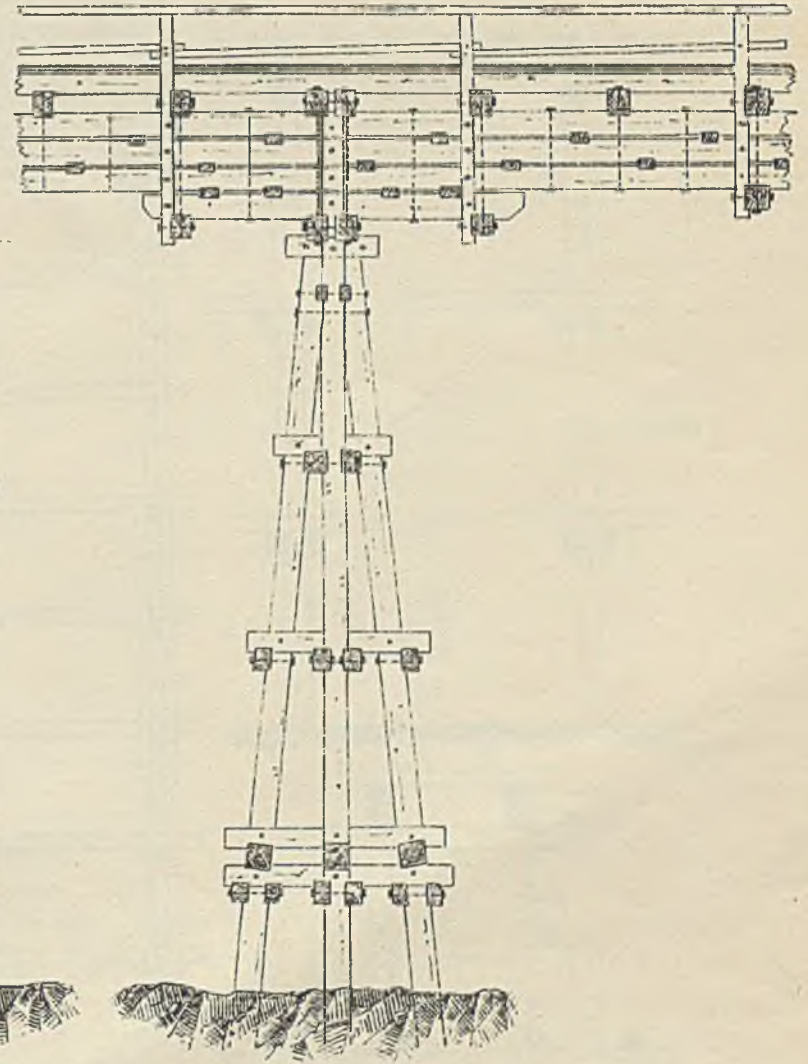
rys. 1.



rys. 1. b.



rys. 2.



rys. 3.

Belka rozębiona.



rys. 4. Belka Ławera.



rys. 5.

Most na Langenis (Szwecya).



Handwritten signature or mark.



Most kolei pacyficznej w Ameryce.

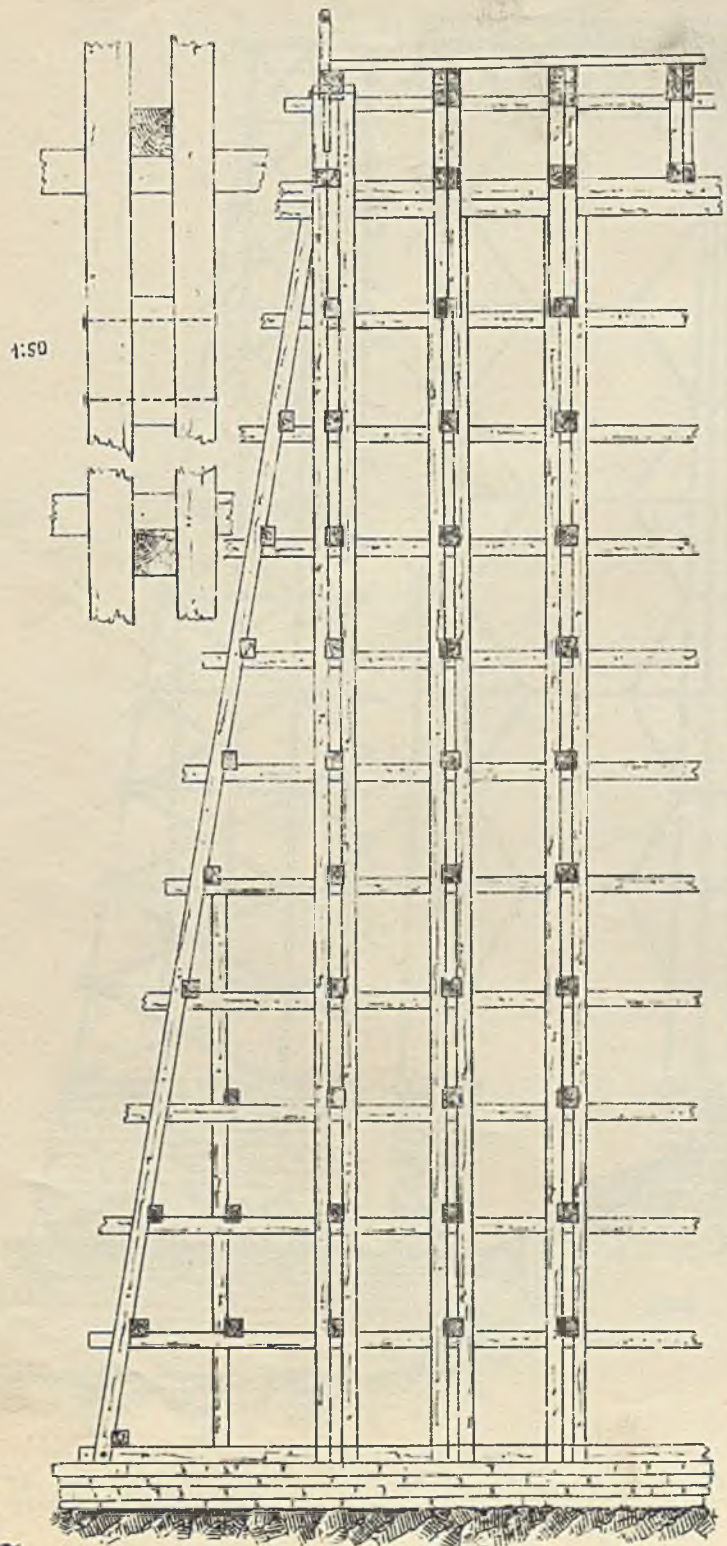
Tab. 57.

rys. 3.

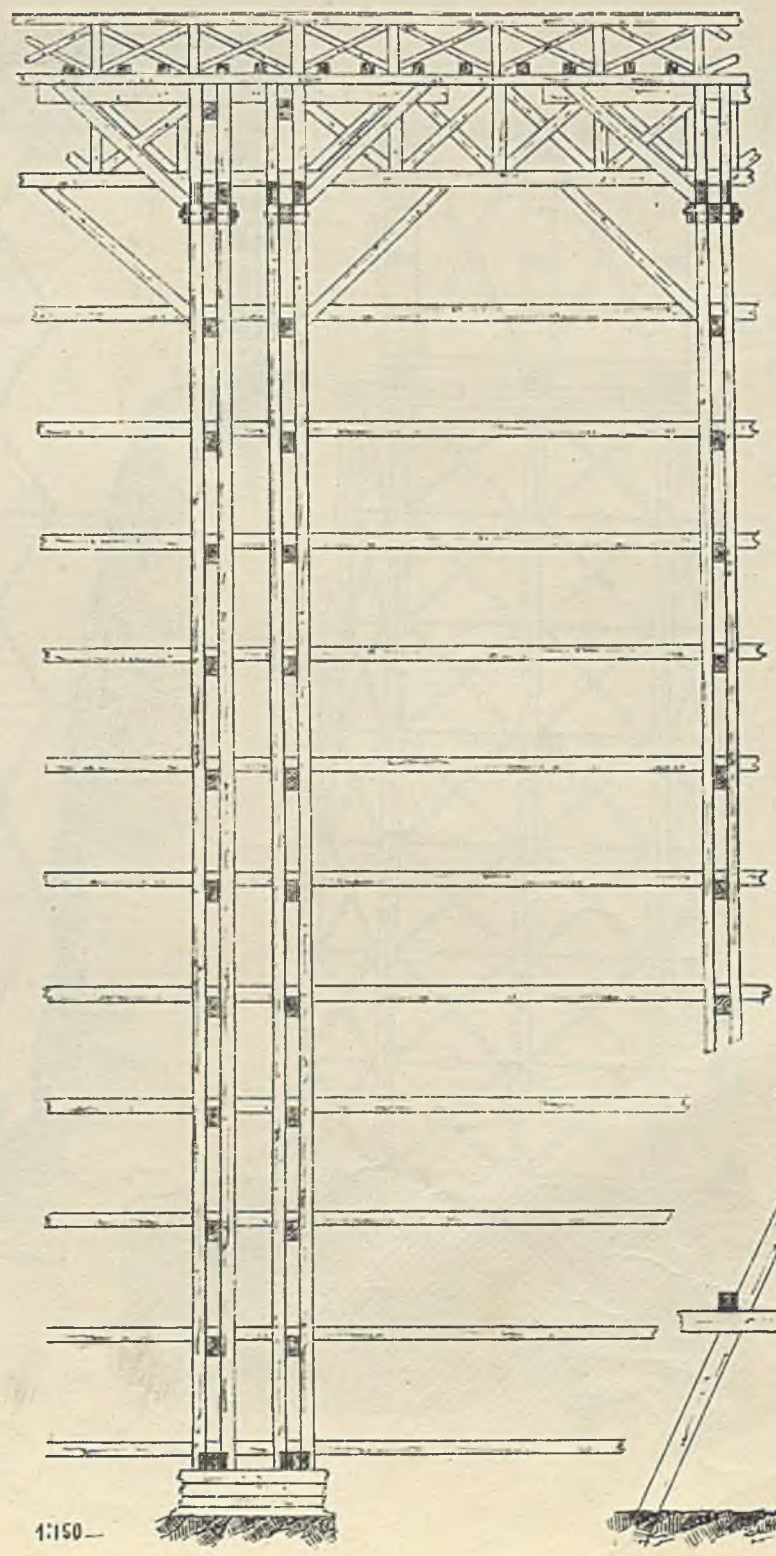
rys. 4.

rys. 2.

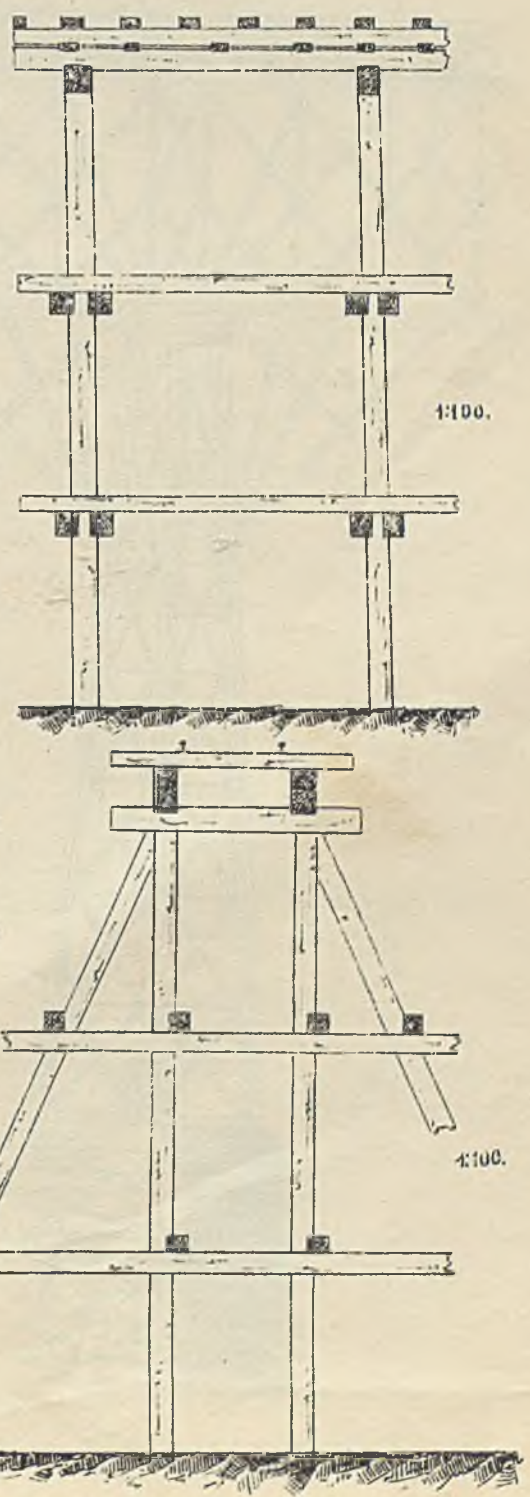
rys. 1.



1:50



1:150



1:100.

1:100.

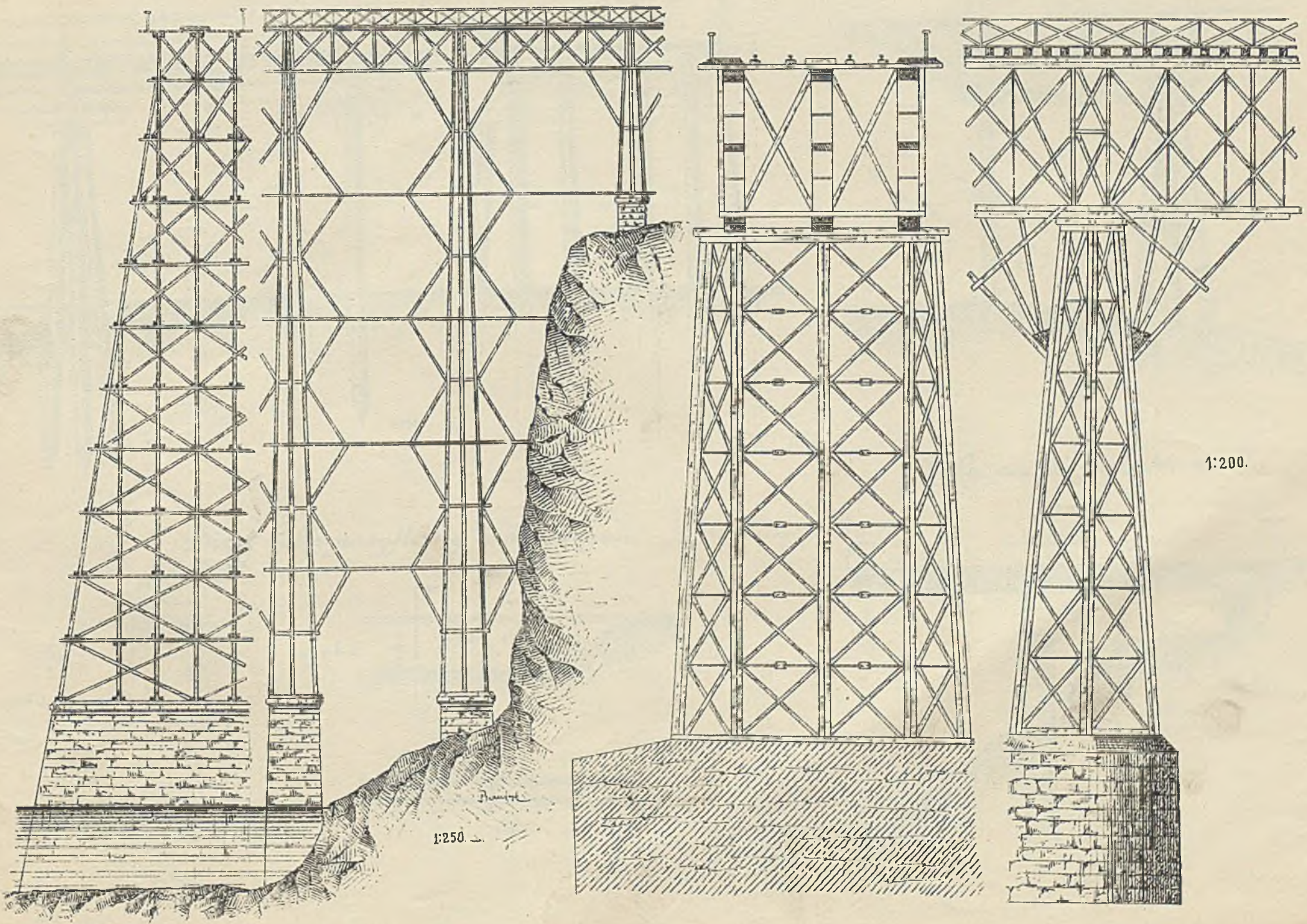
Jazma wysokie.

rys. 2.

rys. 1.

Wiadukt Portage kolei Buffalo - N. York.

Most na Dniepie kolei Petersburg Moskwa.

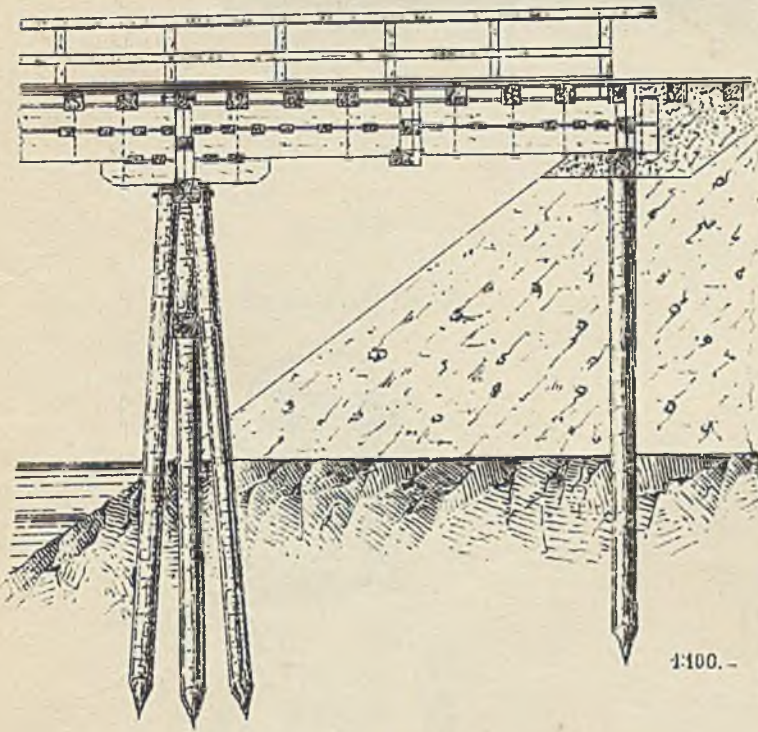


Skullis. Drosty drewnianej.

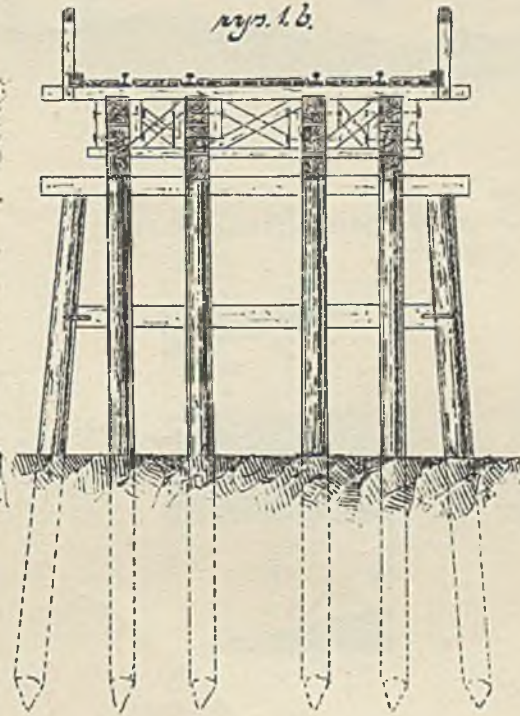
# Mosty bez przyczółków.

Kolej austriacka południowa.

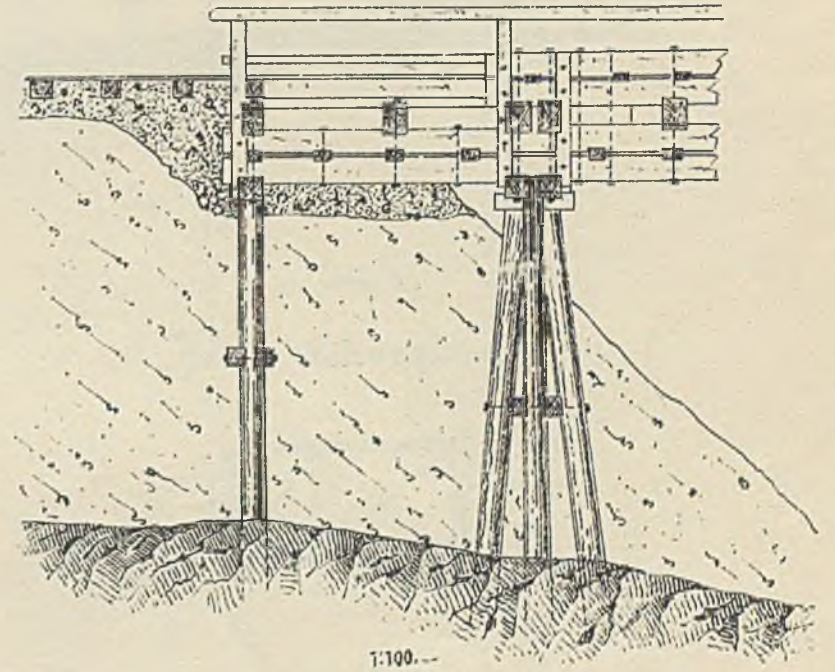
rys. 1a.



rys. 1b.

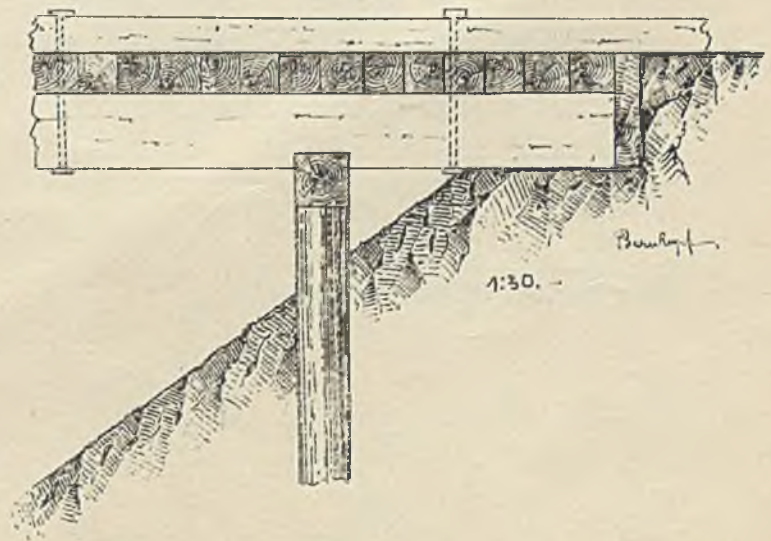


rys. 2.

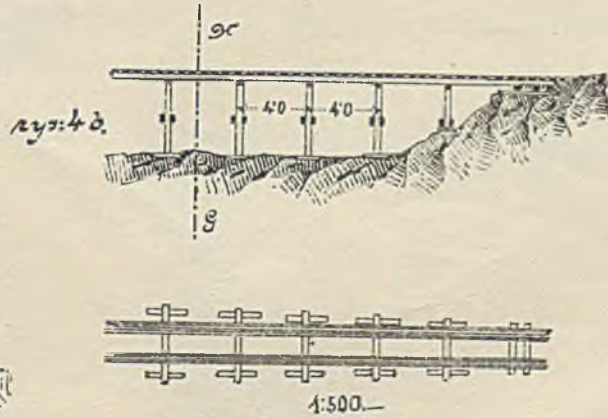
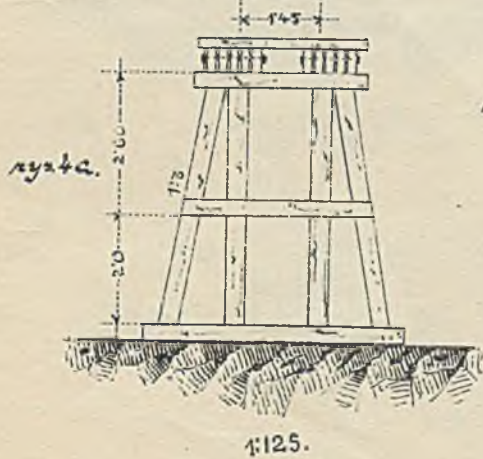


Kolej austr. połudn. zach.

rys. 3.



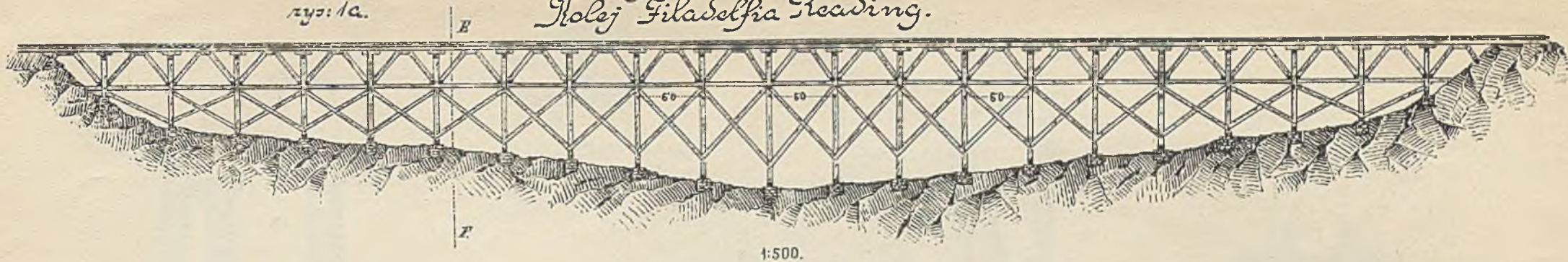
Most kolei pacyficznej w Ameryce.  
Przekrój S-H.



Publia. Mosty drewniane I.

Mosty rusztowaniowe.  
Kolej Filadelfia Reading.

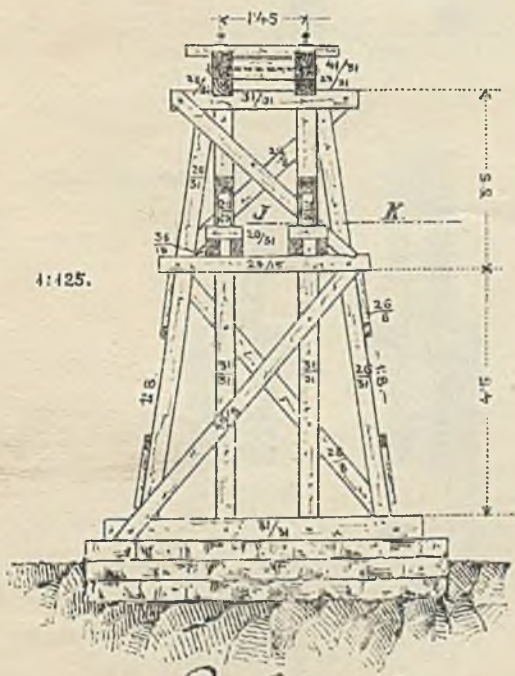
rys. 1a.



1:500.

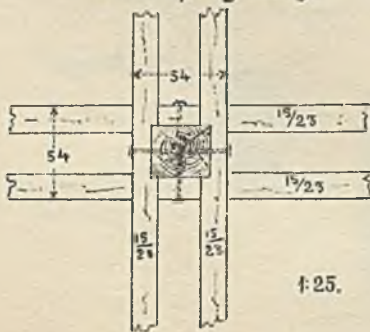
rys. 1b

Przekrój E.F.



1:125.

Przekrój J.K.

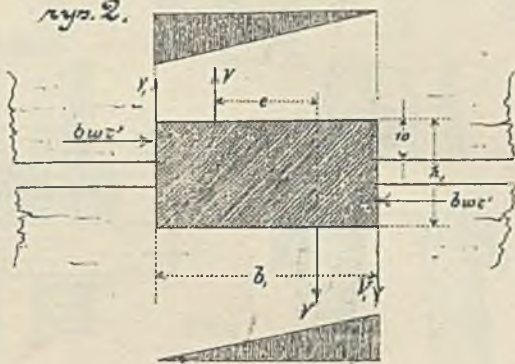


1:25.

Stullio. Mosty drewniane I.

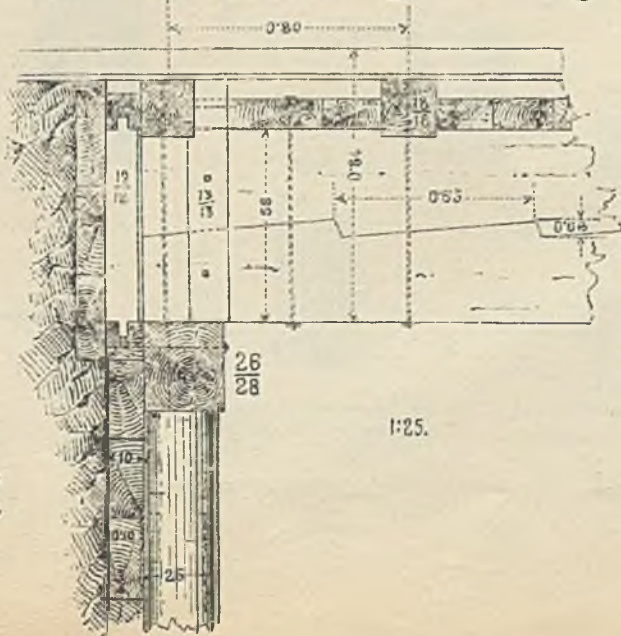
Cisnienie na klin.

rys. 2.



rys. 6.

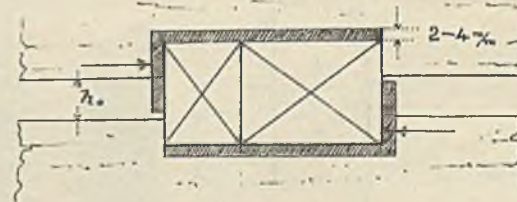
Kolej miejscowa holomyjska.  
Most na ulicy Tatarskiej.



1:25.

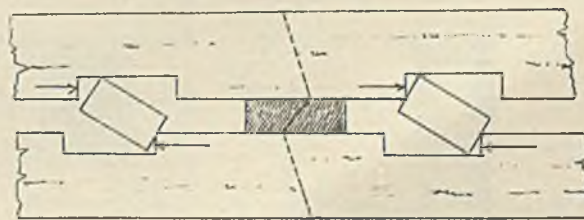
rys. 3.

Klin z blaszkami.



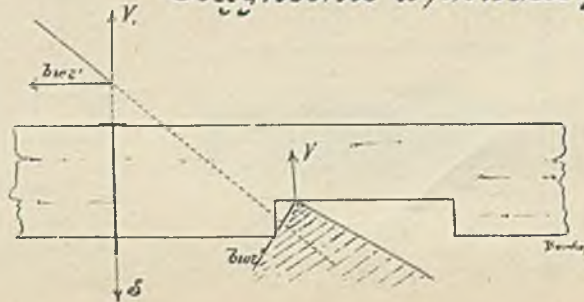
rys. 4.

Działanie śrub.

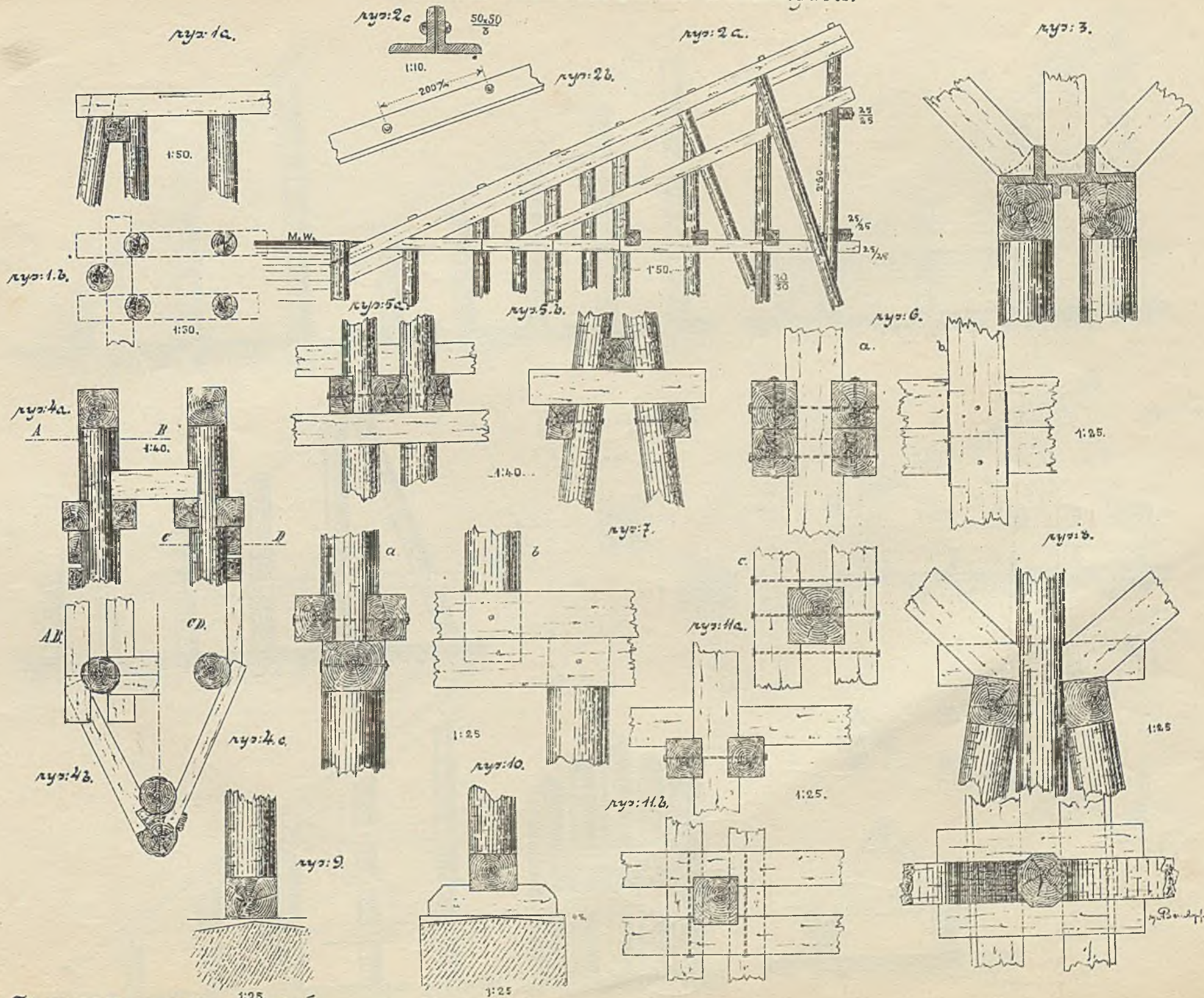


rys. 5.

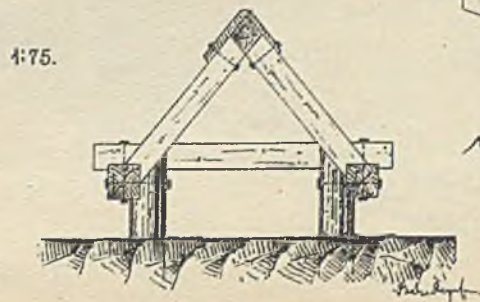
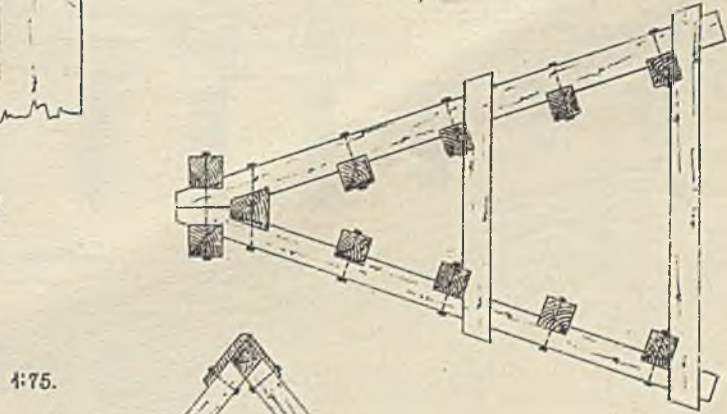
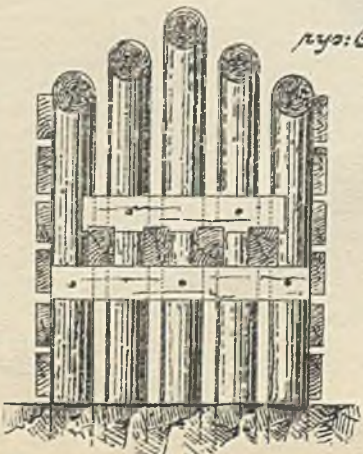
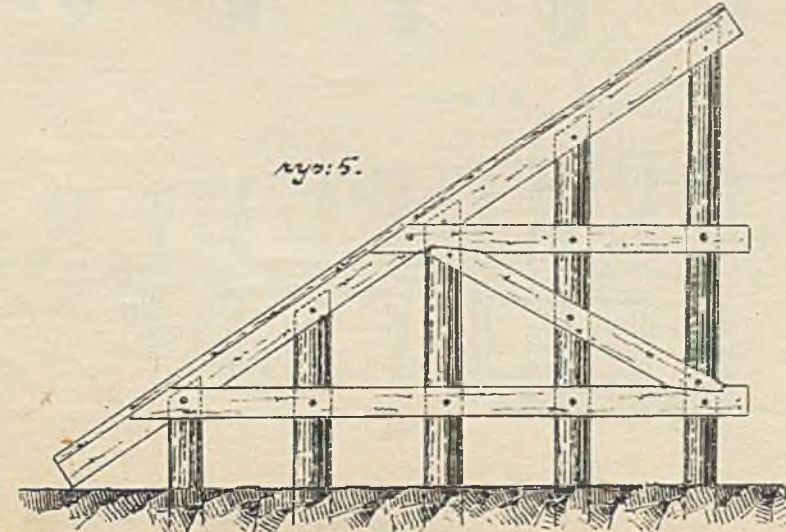
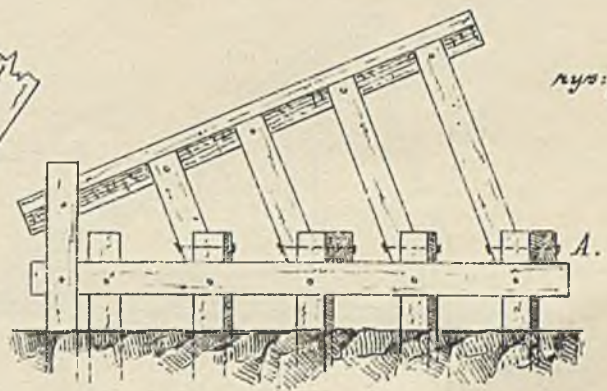
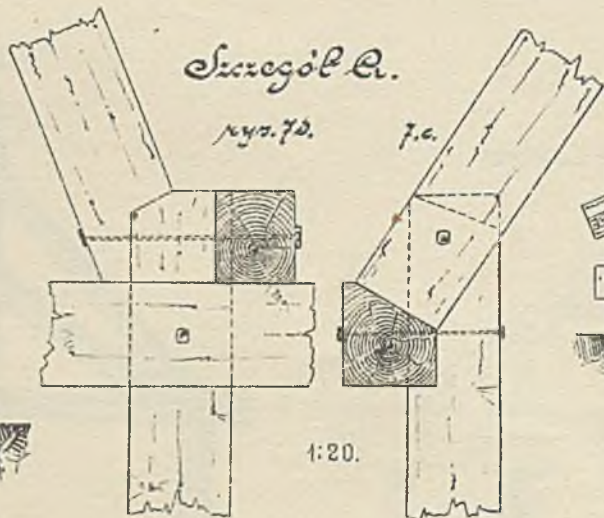
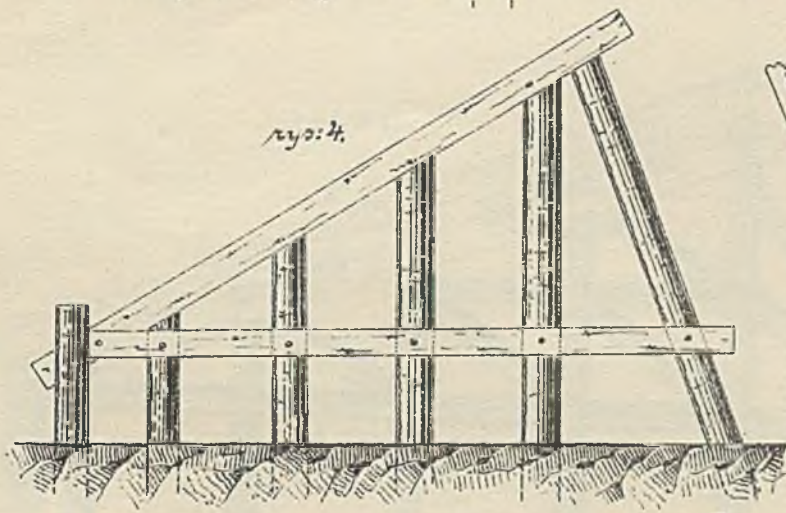
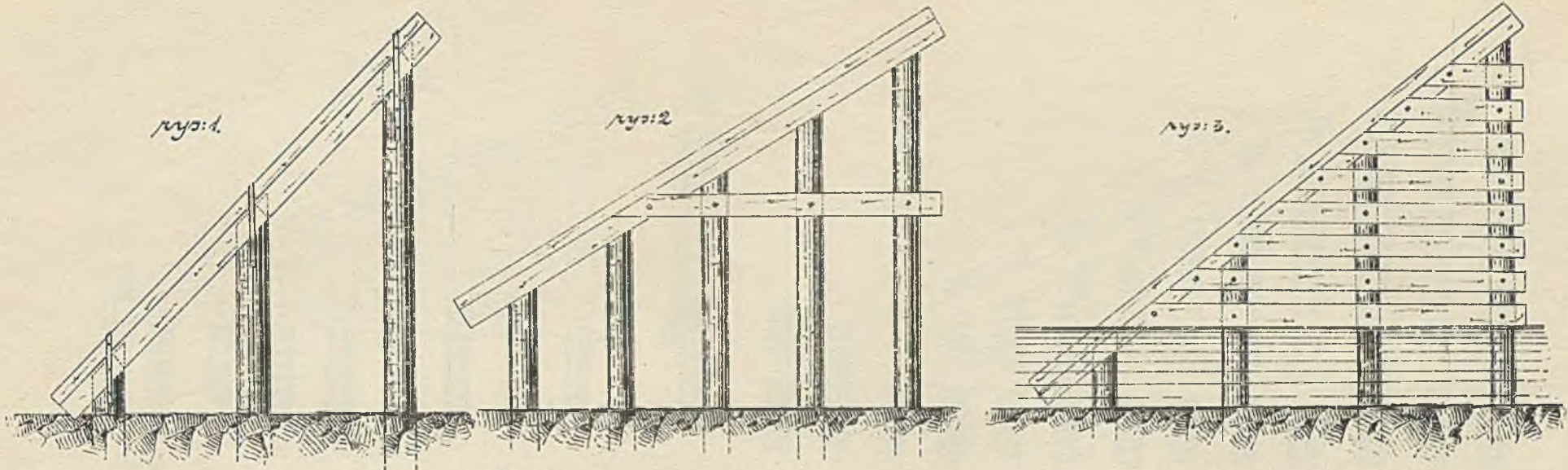
Ciągnięcie w śrubach.

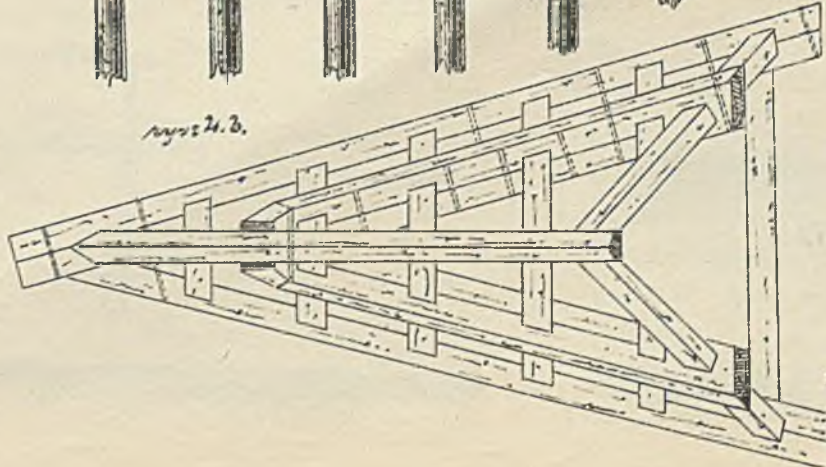
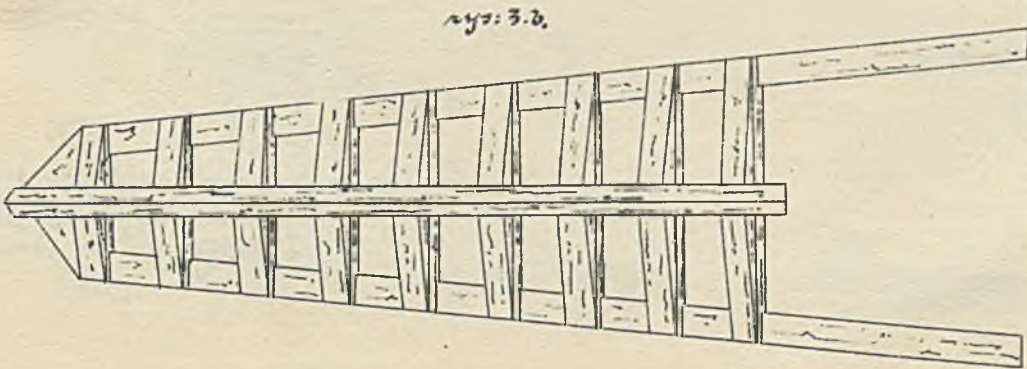
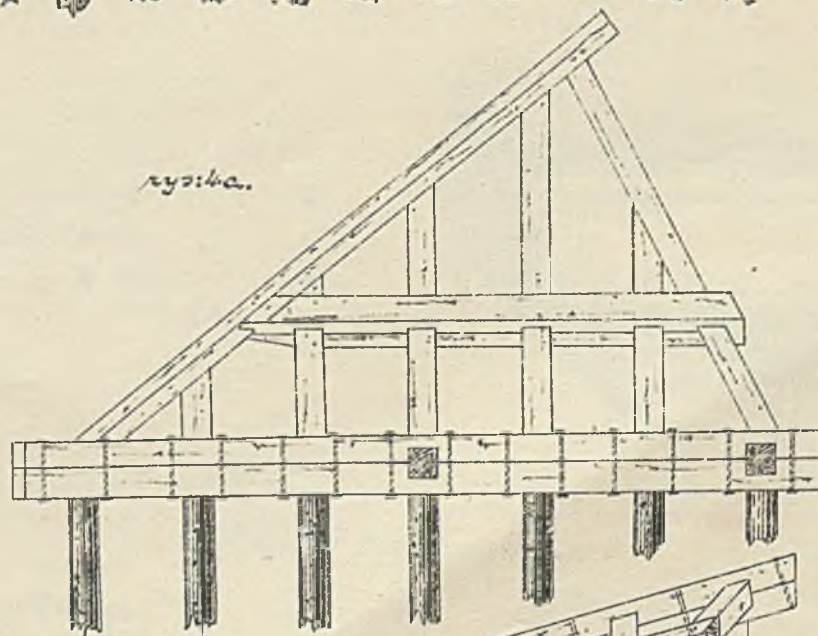
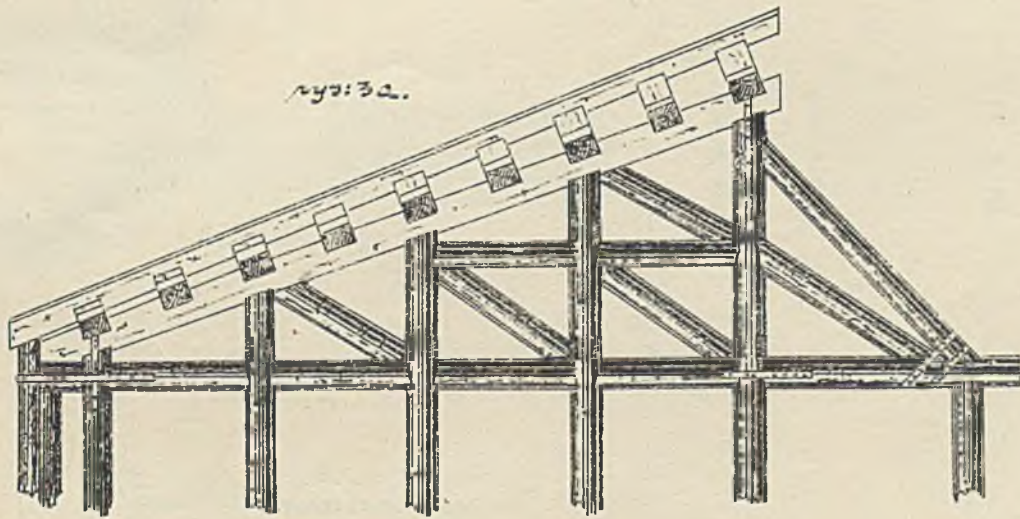
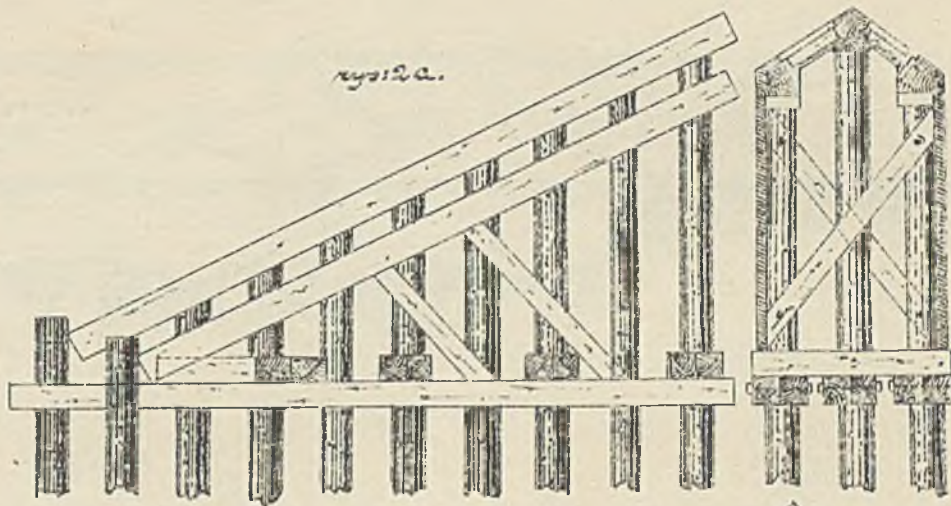
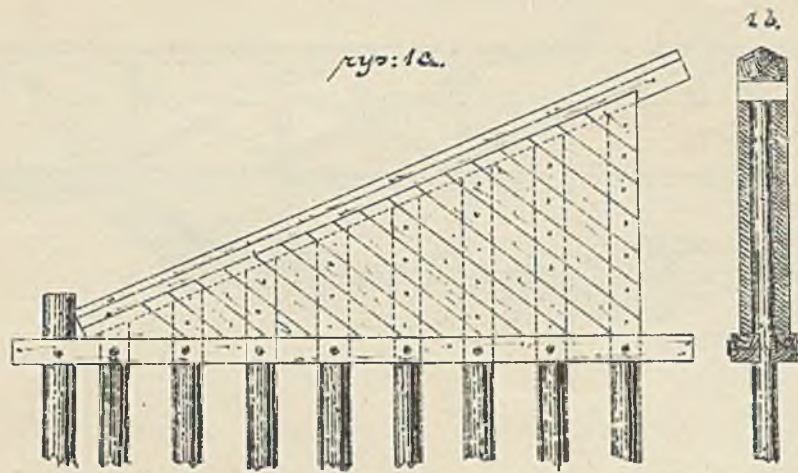


Trzcina mostu na Sanie w Przemyslu.



*Tr. bice.*



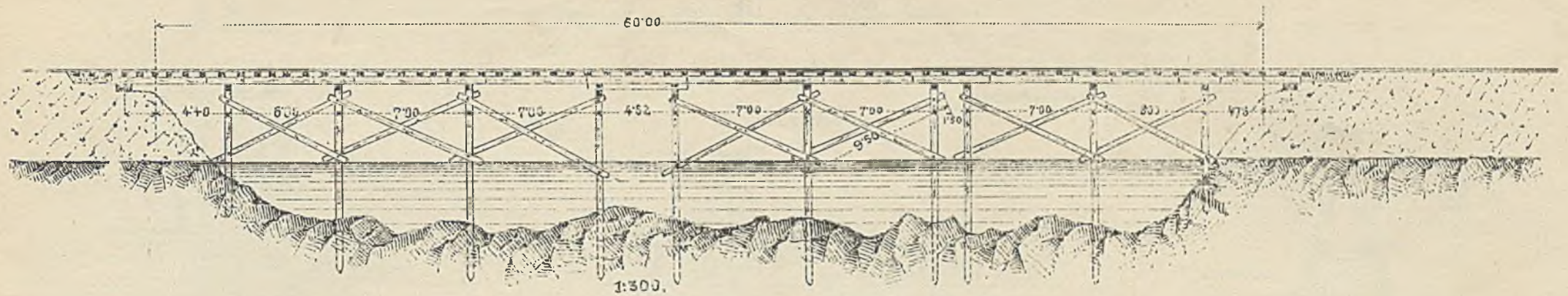


Handwritten signature or mark.

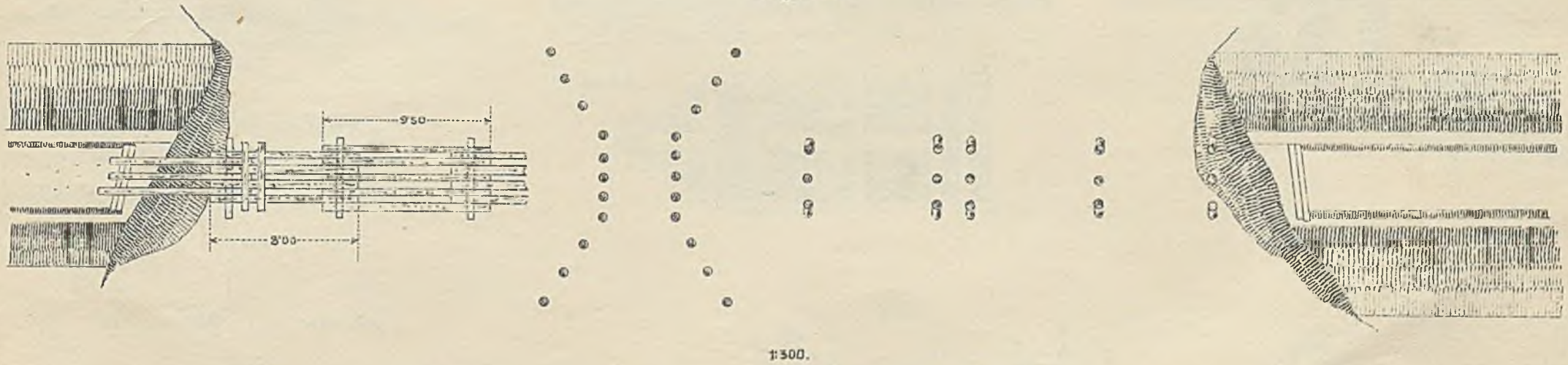
# Żelazna polaczone.

Tab. 65.

Most tymczasowy pod Budziejowicami rys. 1a.

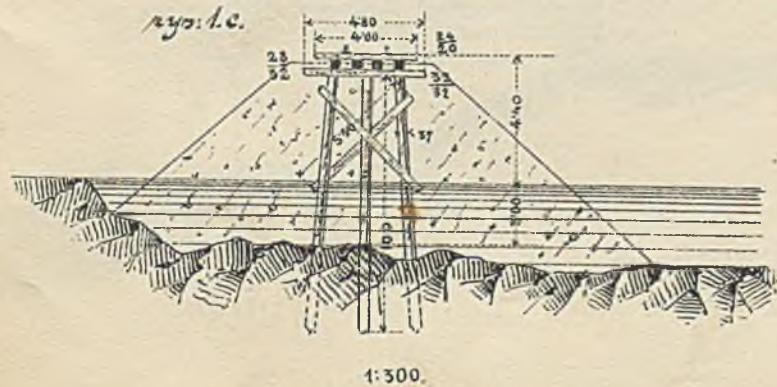


rys. 1b.



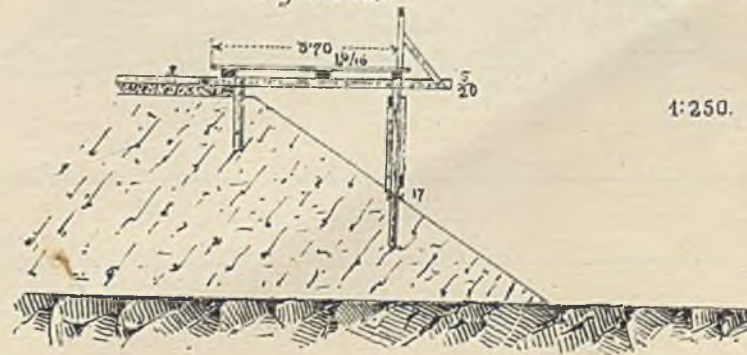
Przekrój poprzeczny.

rys. 1c.

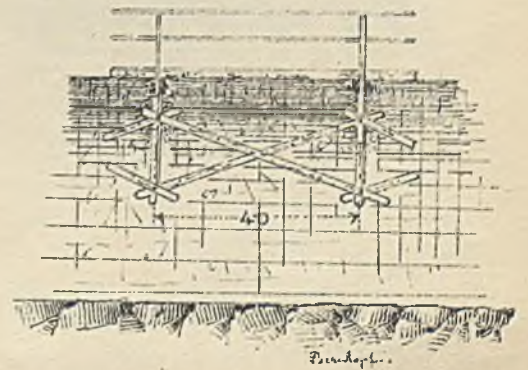


Obwódki tymczasowy.

rys. 2a.



rys. 2b.



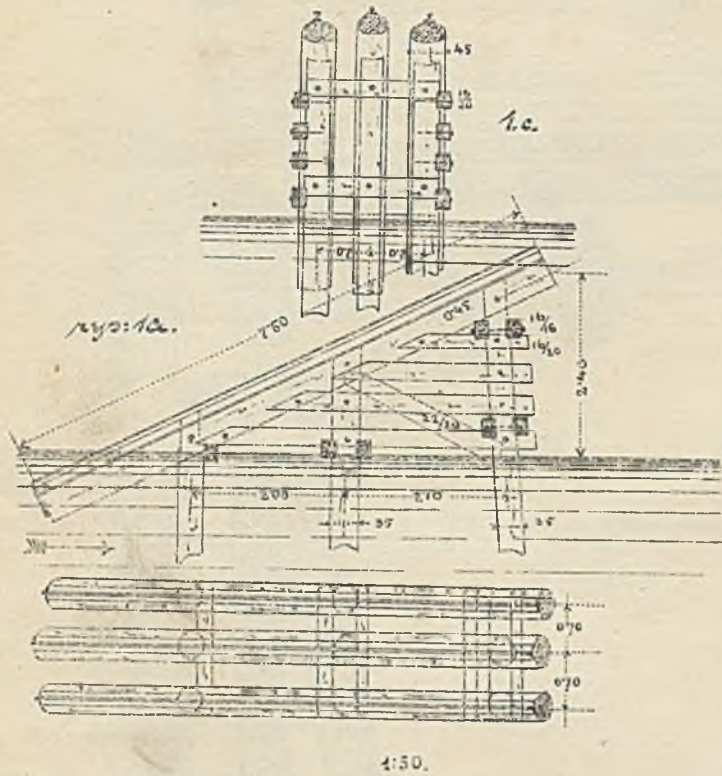
Skullie. Mosty drewniane.



*Жарма*

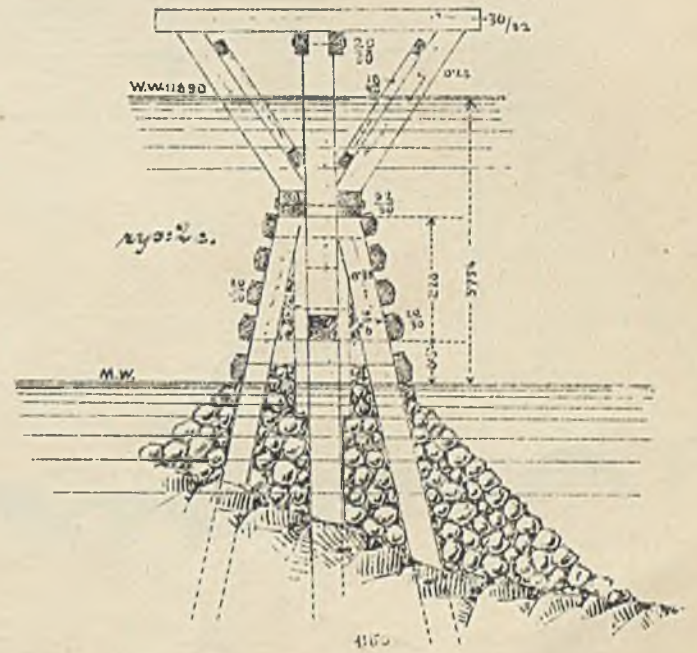
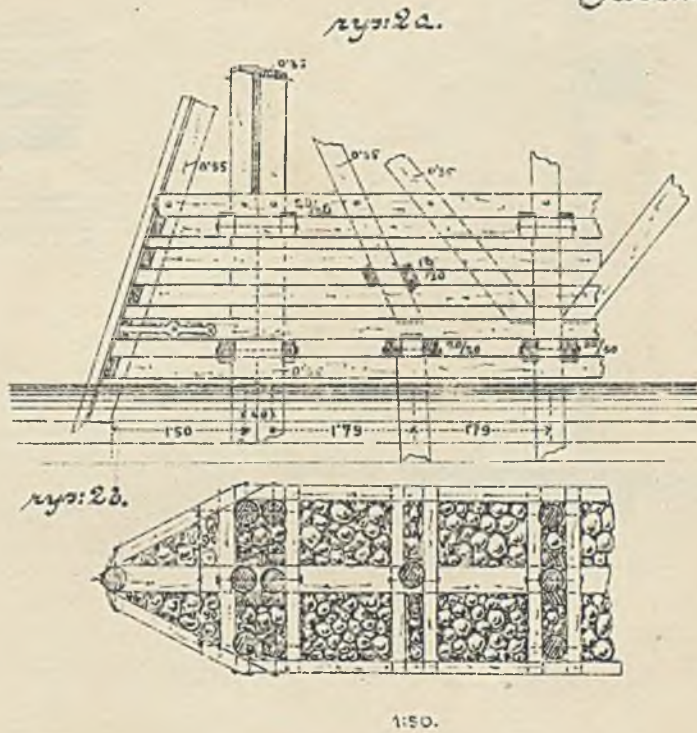
*Мост на Даблави в Радре.*

*Жува.*



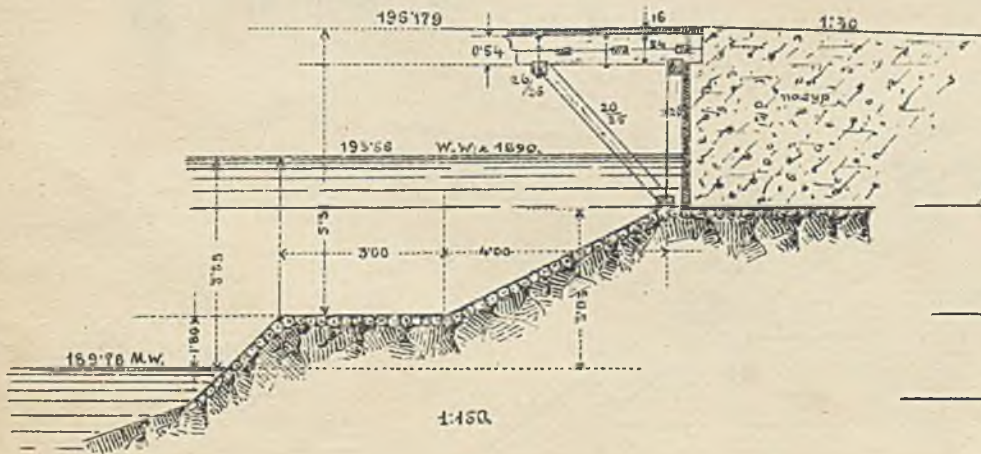
22.

*Жарма.*

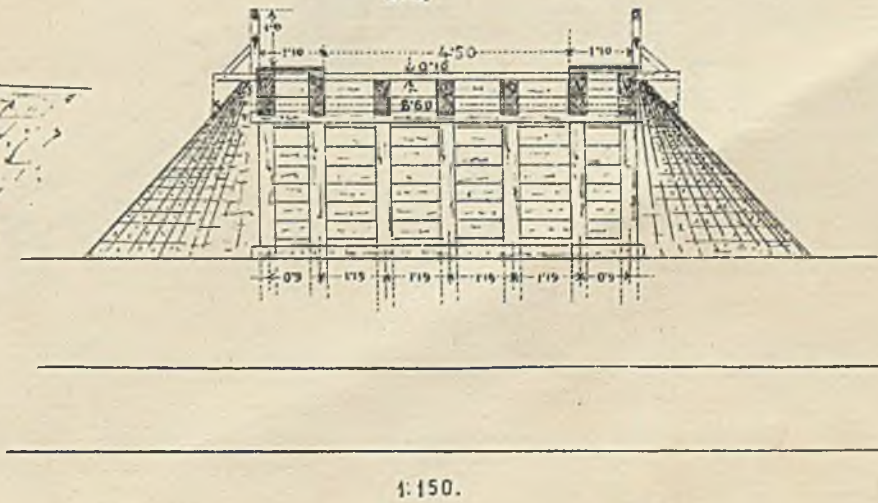


*Раусовск.*

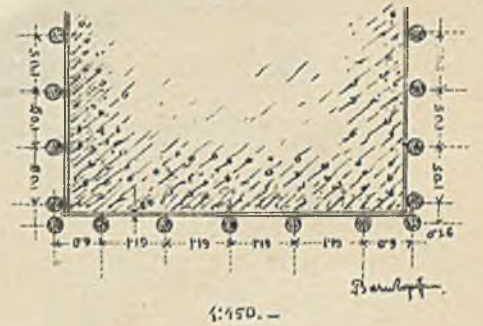
*жува.*



*3.3.*



*3.6.*

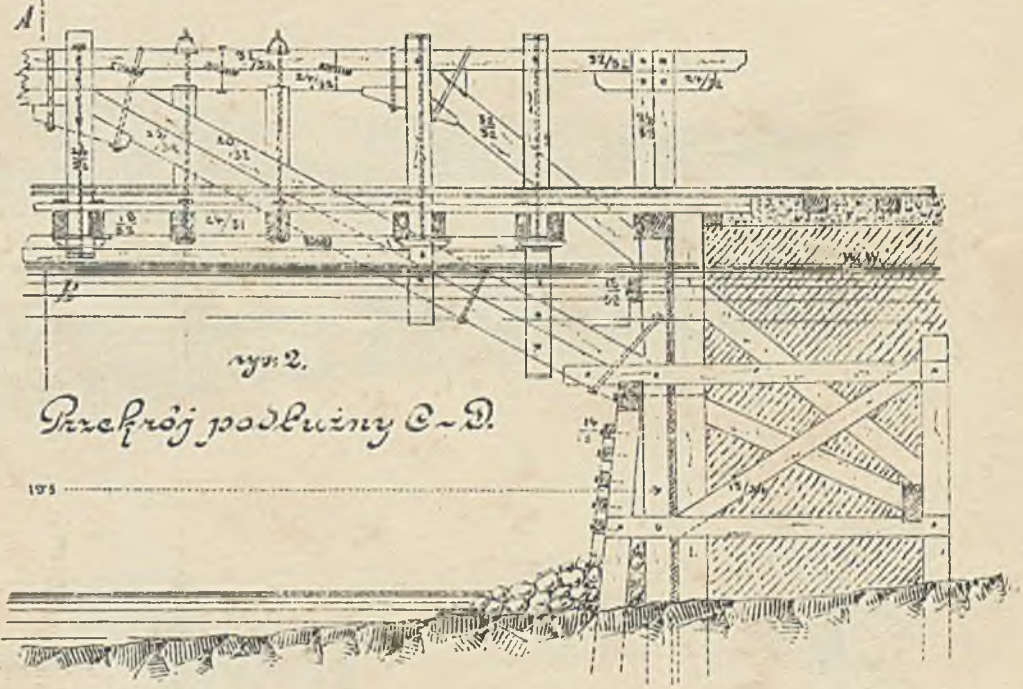
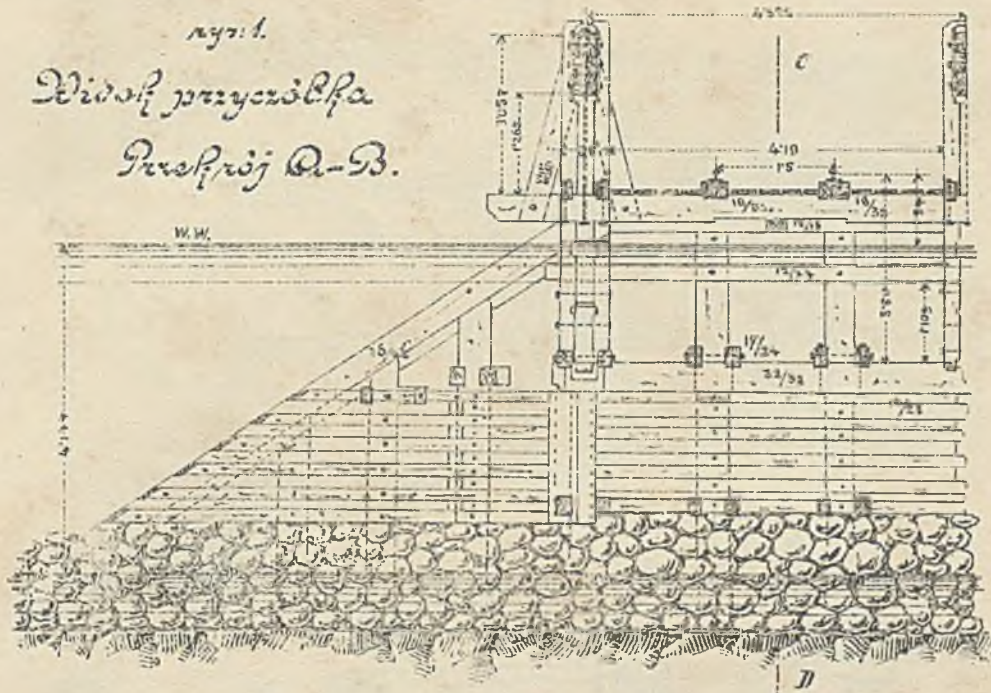


*Шулли. Мосты деревянные.*



# Most Starfartk<sup>h</sup> kolei państwowej.

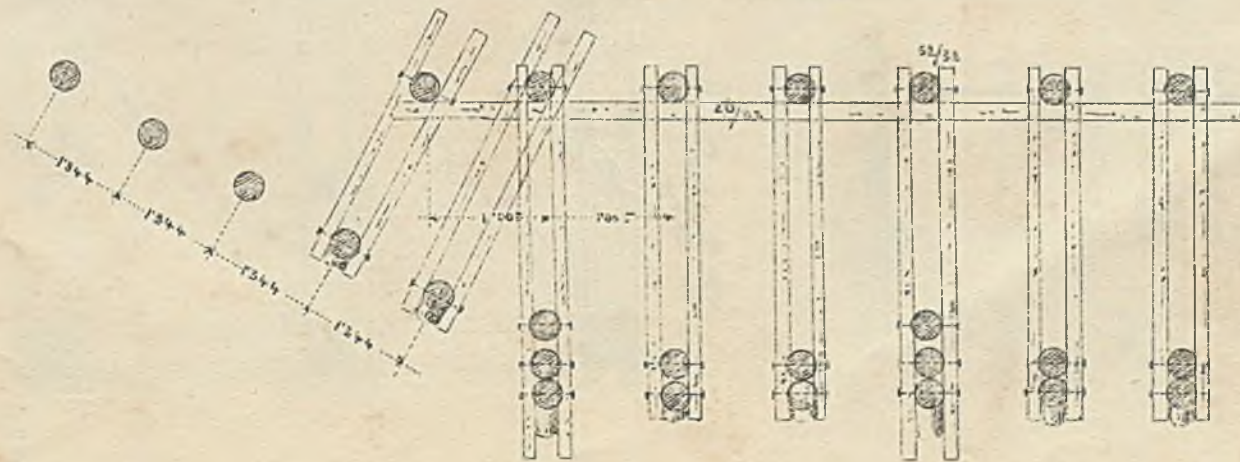
rys. 1.  
Widok przyczółka  
Przekrój A-B.



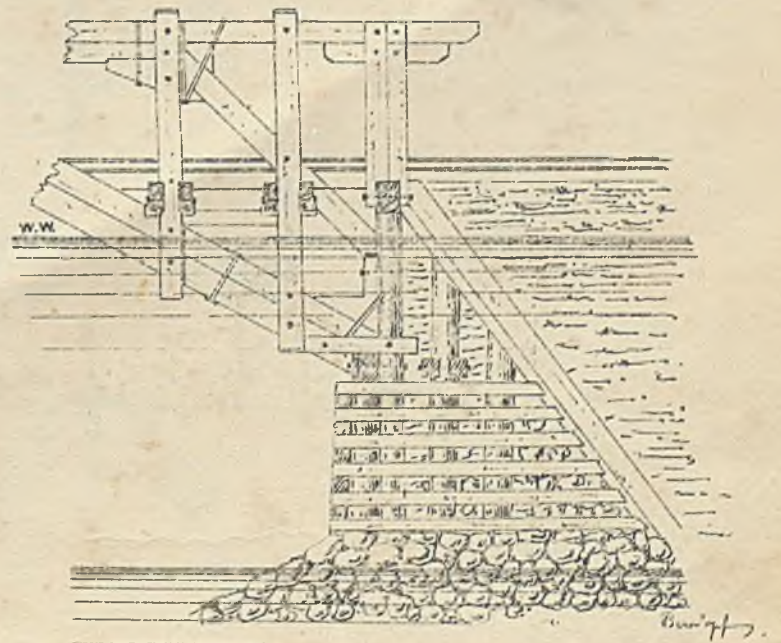
rys. 2.  
Przekrój podłużny C-D.



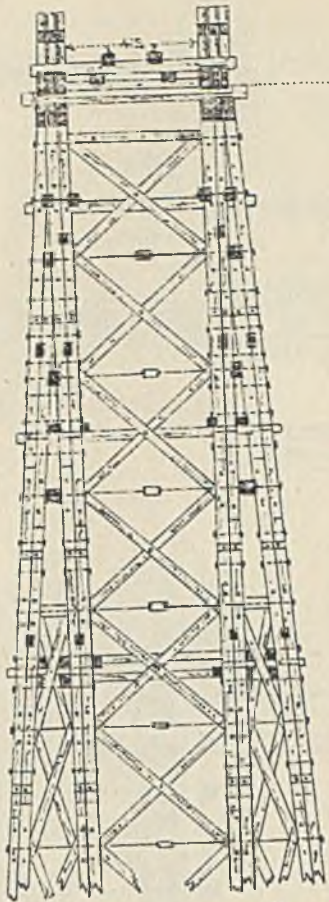
rys. 3.  
Plan poziomy.



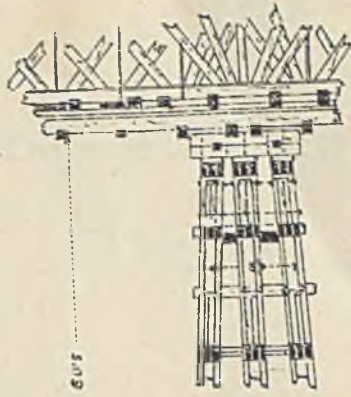
rys. 4.  
Widok z boku.



rys. 1.



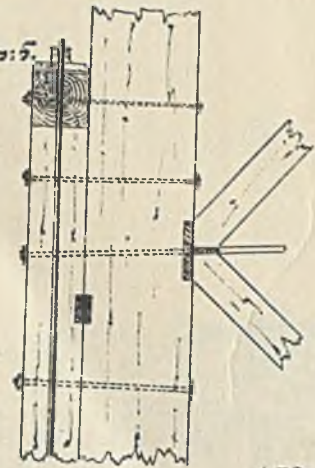
rys. 2.



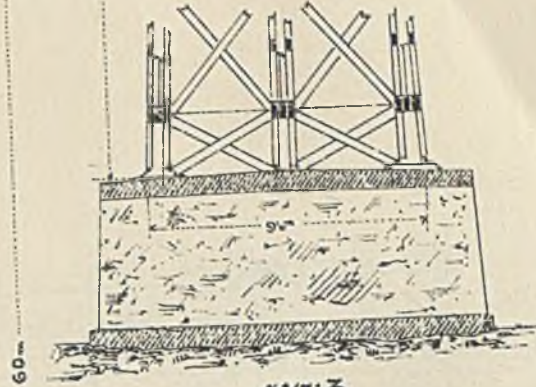
1:250.

Skrajów a.

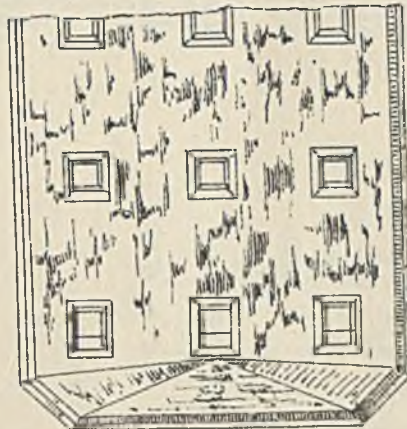
rys. 5.



1:30.



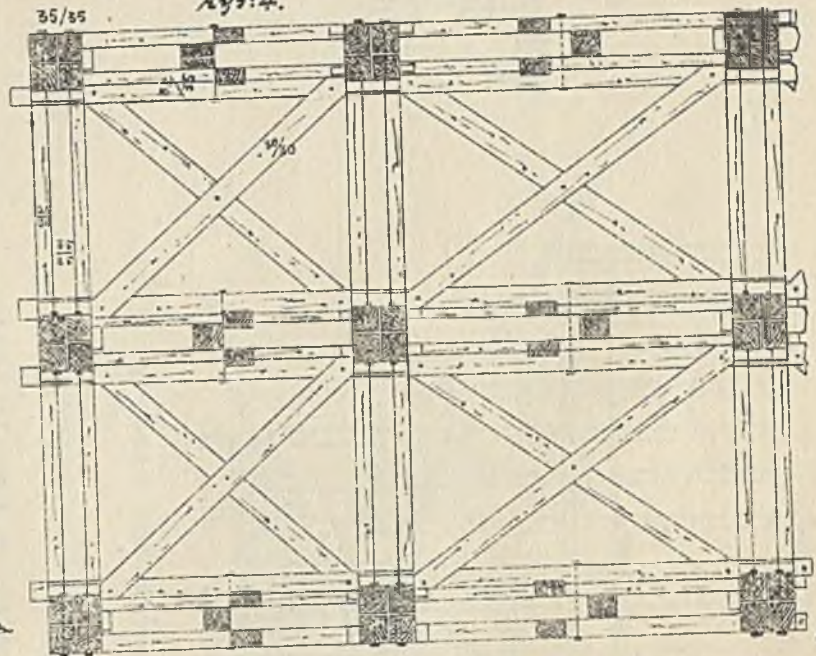
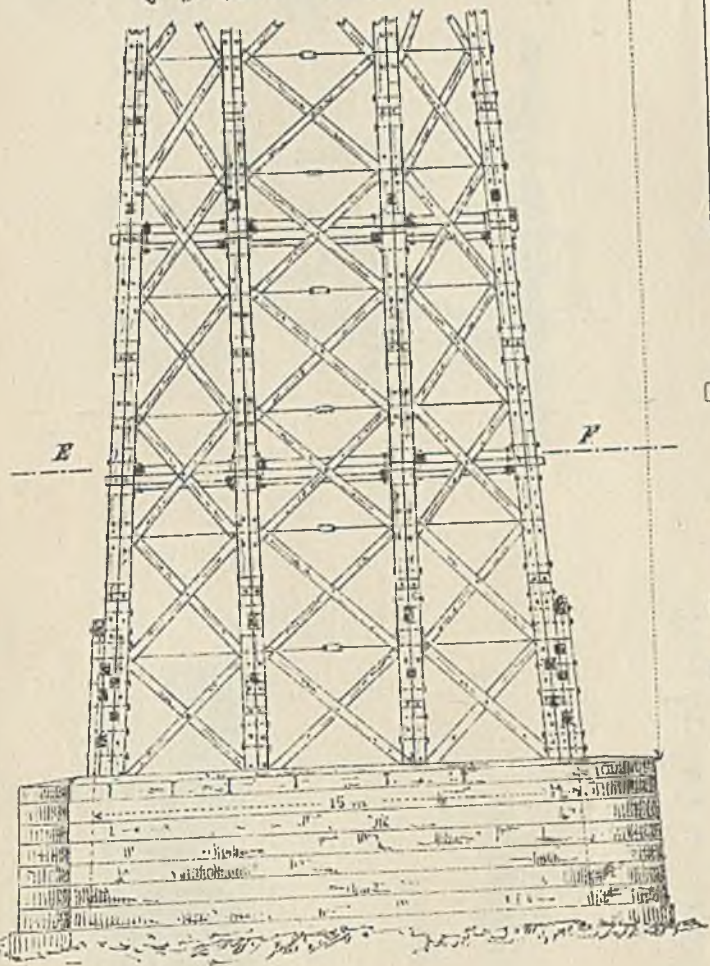
rys. 3.



rys. 4.

Przekrój E-F.

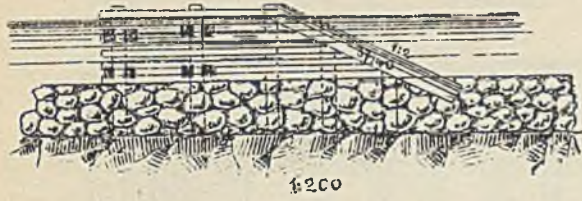
1:100.



ry. Pawlyt

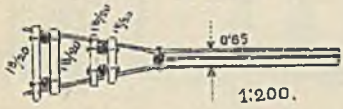
rys. 4a.

Żelbca  
mostu na dwustronie  
Nolii kółalnej Buzowinofiej  
rys. 4a.



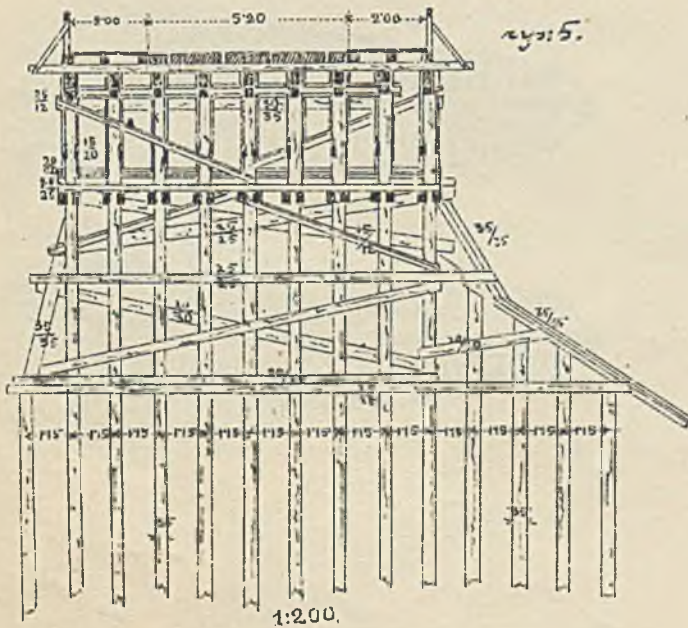
1:200

rys. 4b.



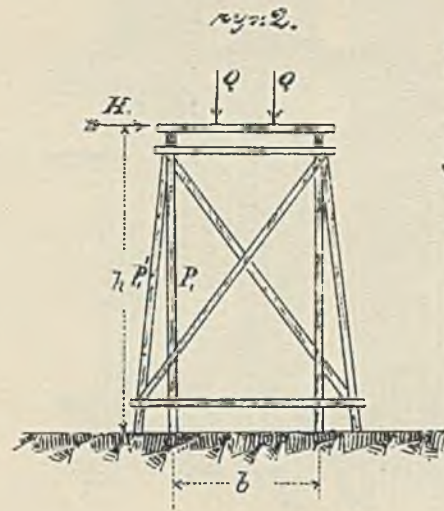
1:200.

Most Storand i Lafayette  
na Rodanie w Lyonie.  
Jazmo wraz z żelbca.

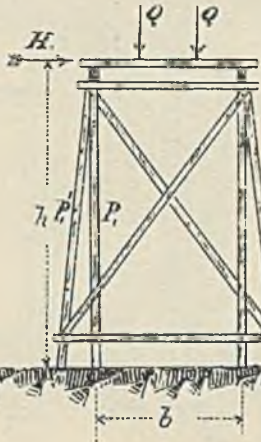


1:200.

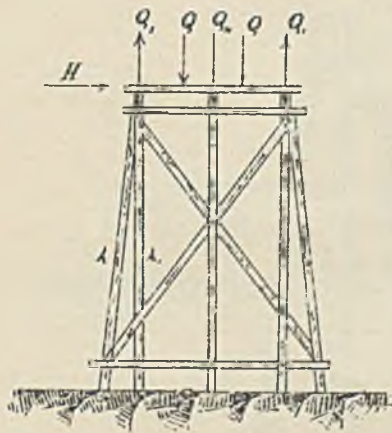
Skullin. Mosty drewniane. I.



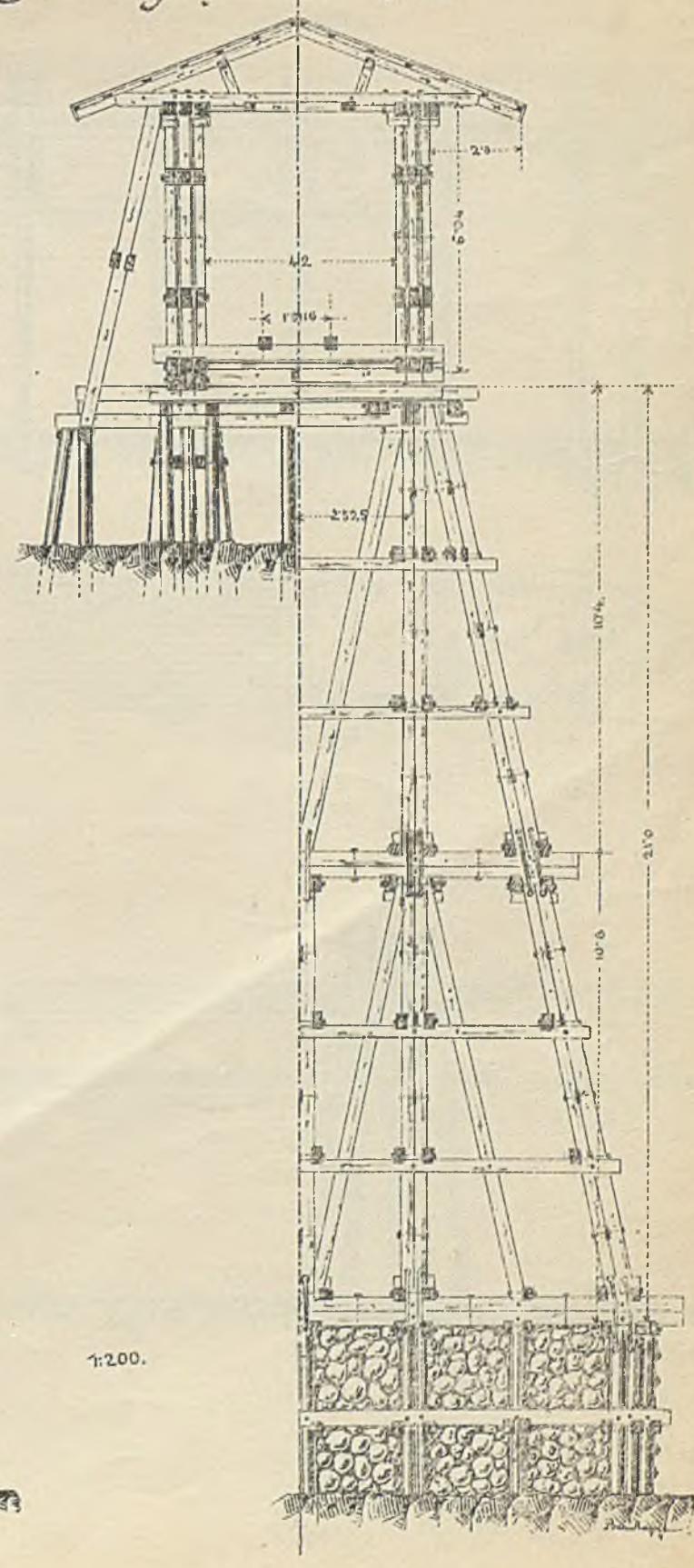
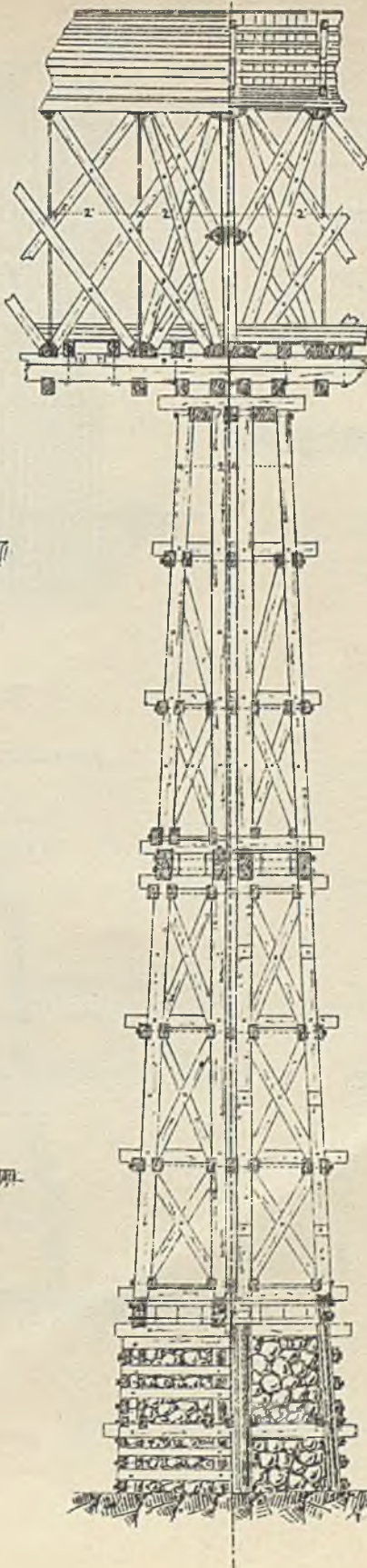
rys. 2.



rys. 3.

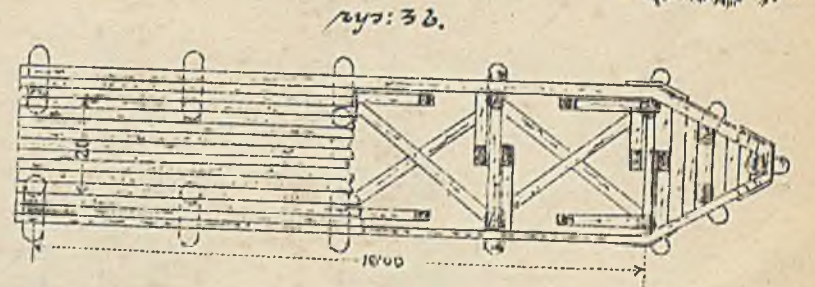
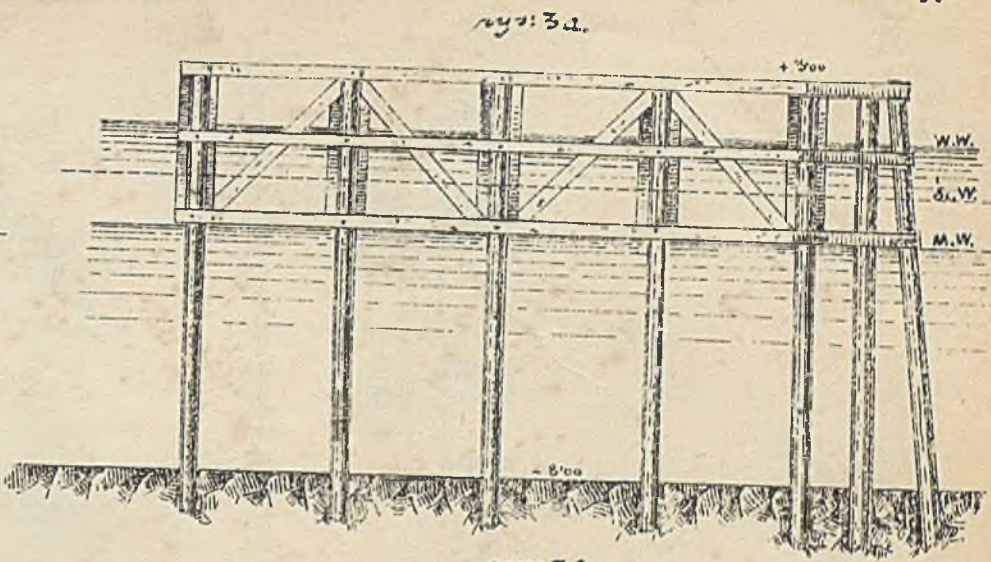
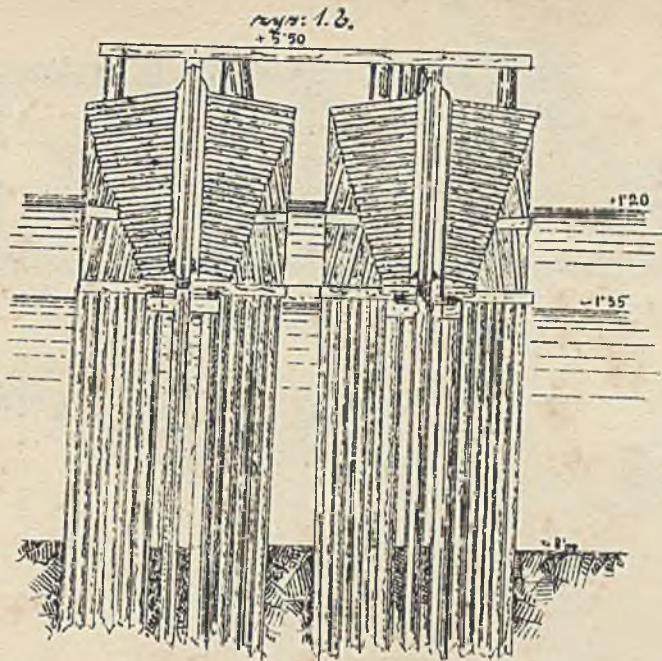
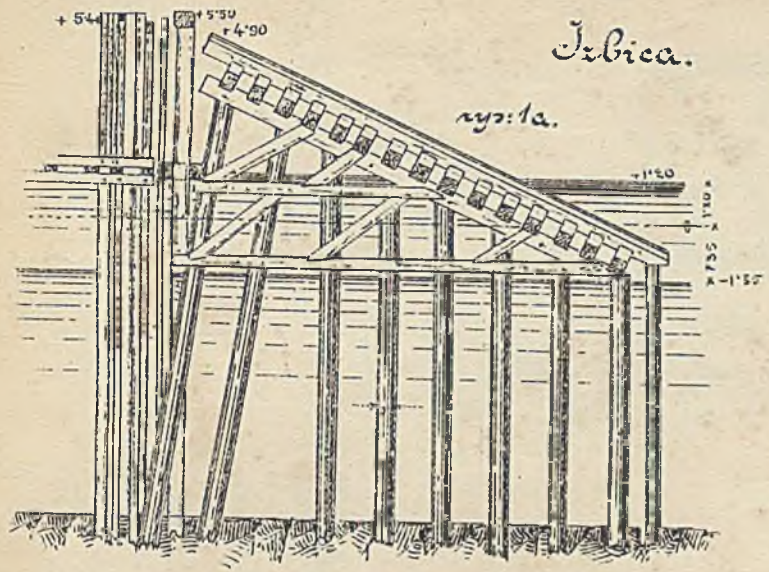


rys. 5.

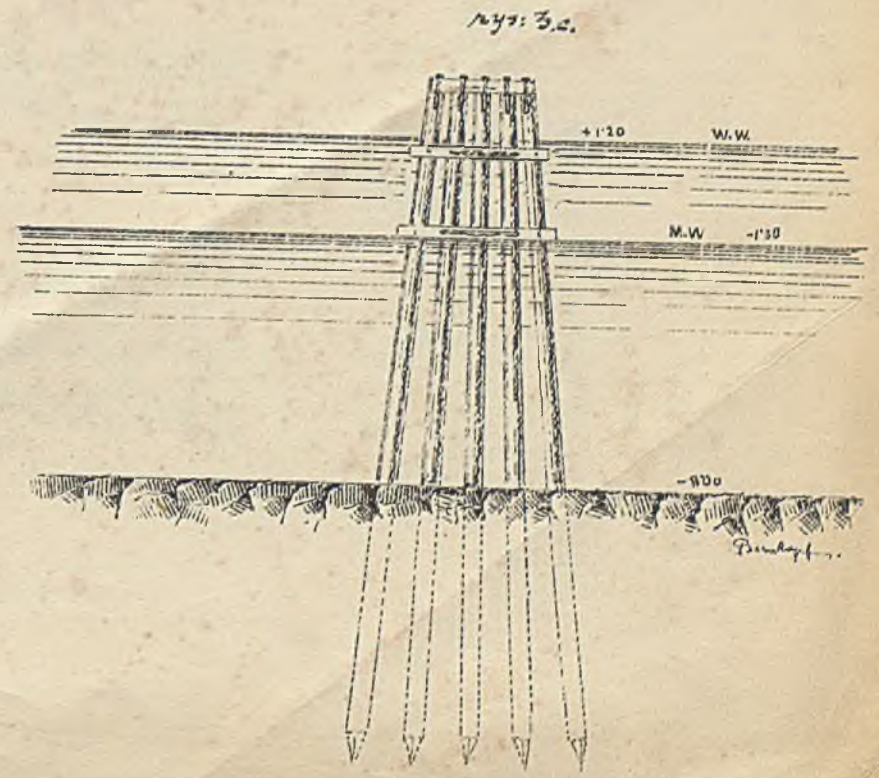
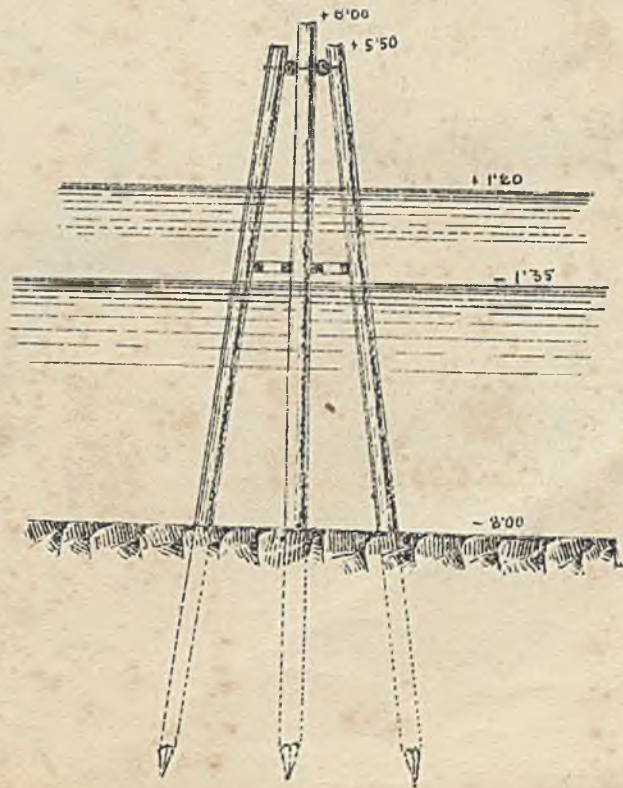
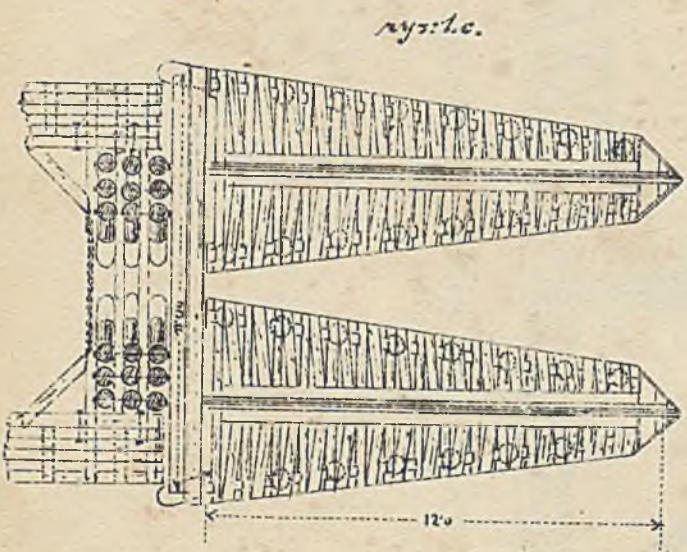


1:200.

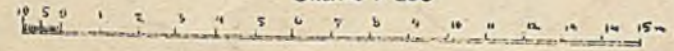
Most kolejowy na Łidze, kolei Szlezwicko-Holsztyńskiej.



rys: 2.  
Szczegół jazda.

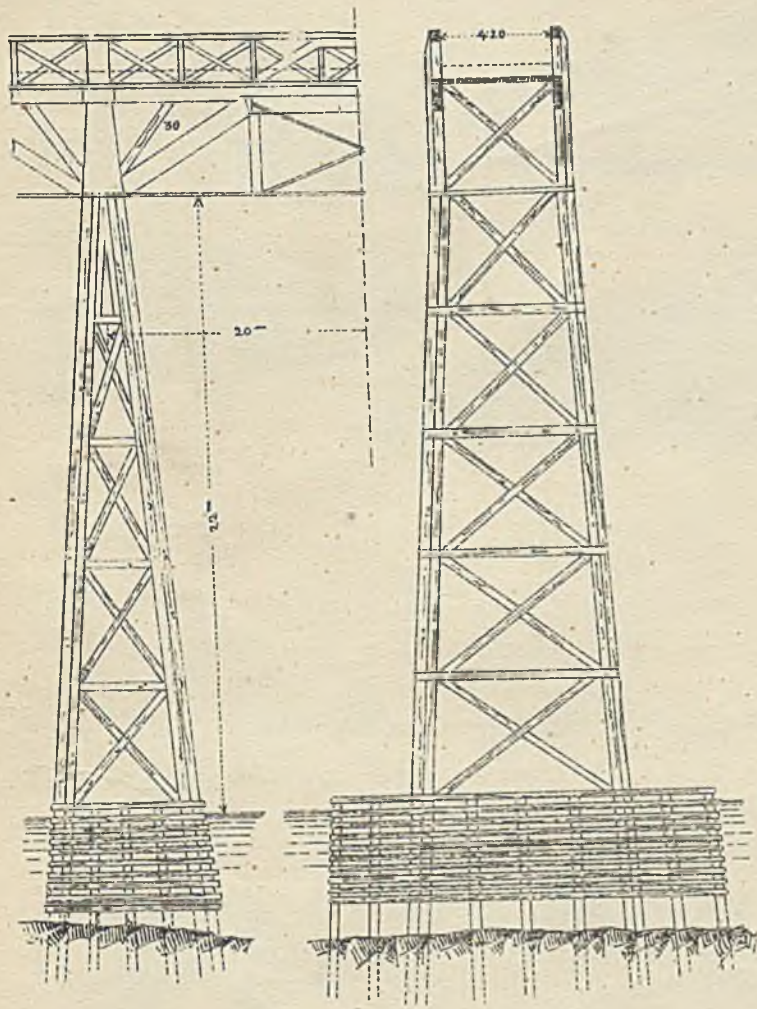


Skala 1:200





rys. 1. Władzki St. Germain.

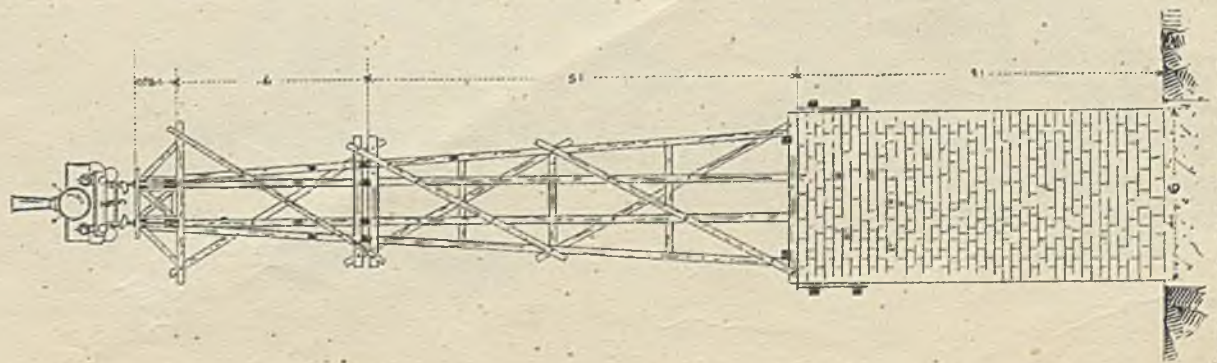
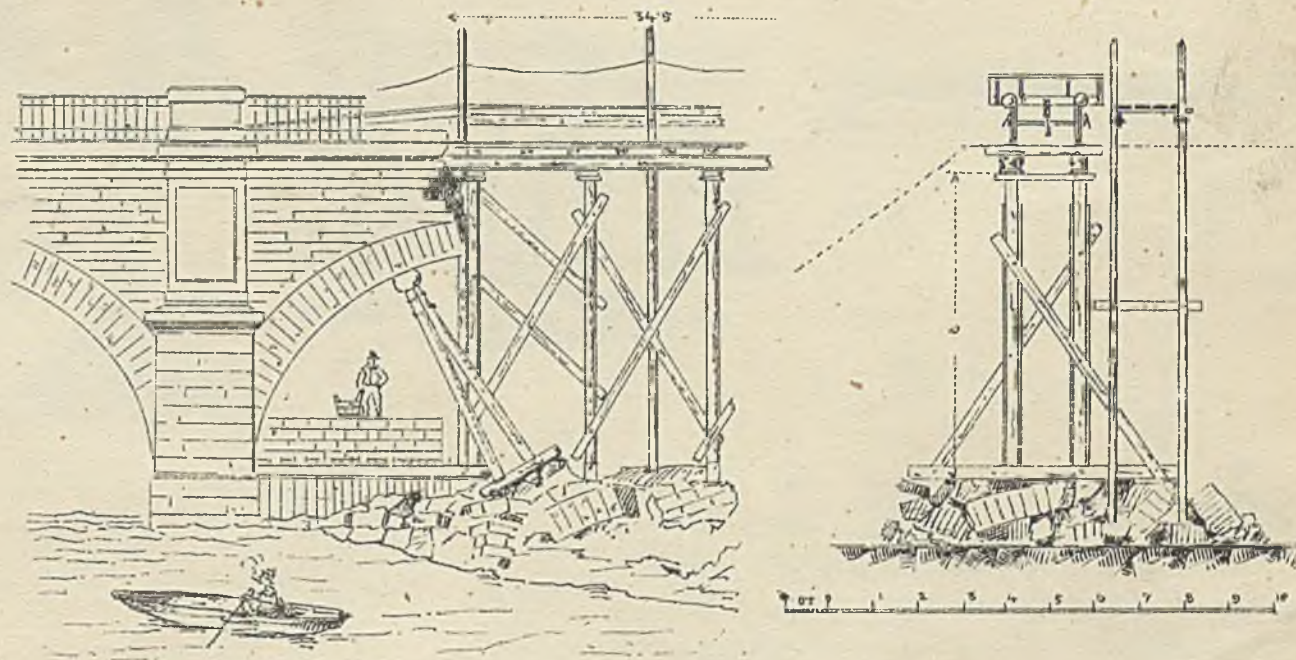


Mosty.  
wzrostaniowe.

Sp. llic. Mosty Srewniane I.

rys. 2. Most na Mozeli pod Fontenay

Tab. 73.



Władzki pod Kortigny.

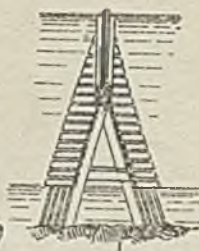
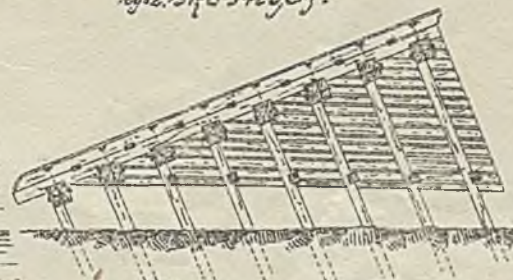
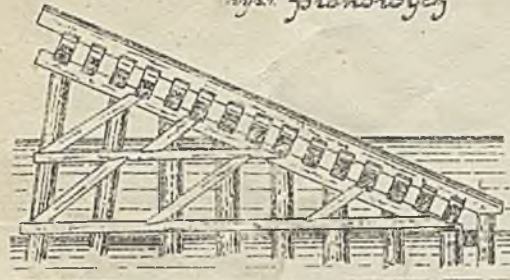
rys.



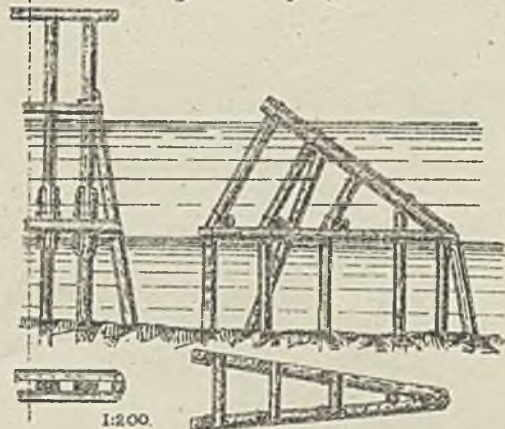
Izbice

rys. 1. pionowych

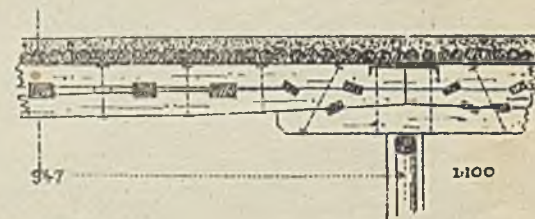
o palach  
rys. 2. skośnych.



rys. 3. Mosty norwędzkie.

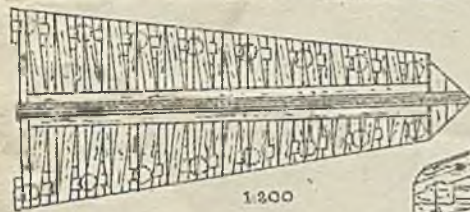


rys. 5.  
Most drogowy norwędzki.



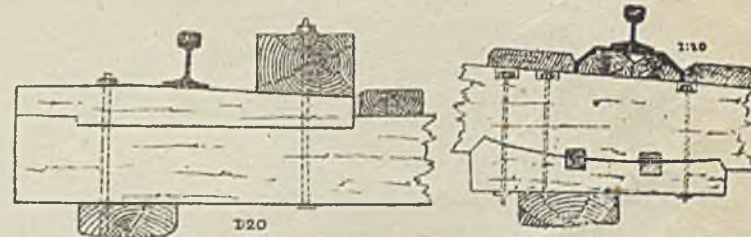
Izbice na ruszcie obciążonym  
pamierniem

1:200.



1:200

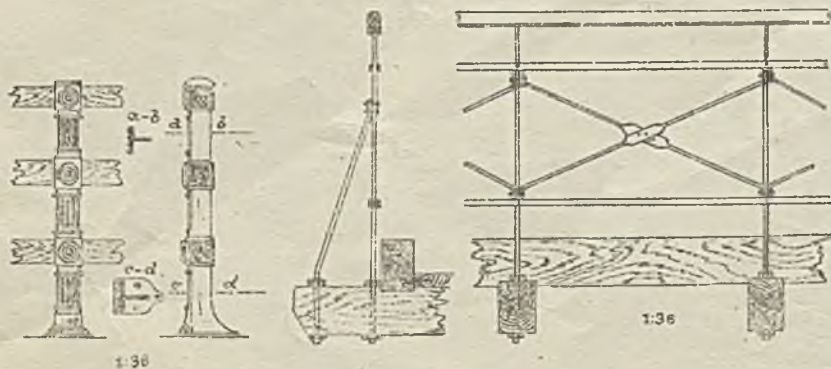
rys. 6. Mosty w boku.



1:20

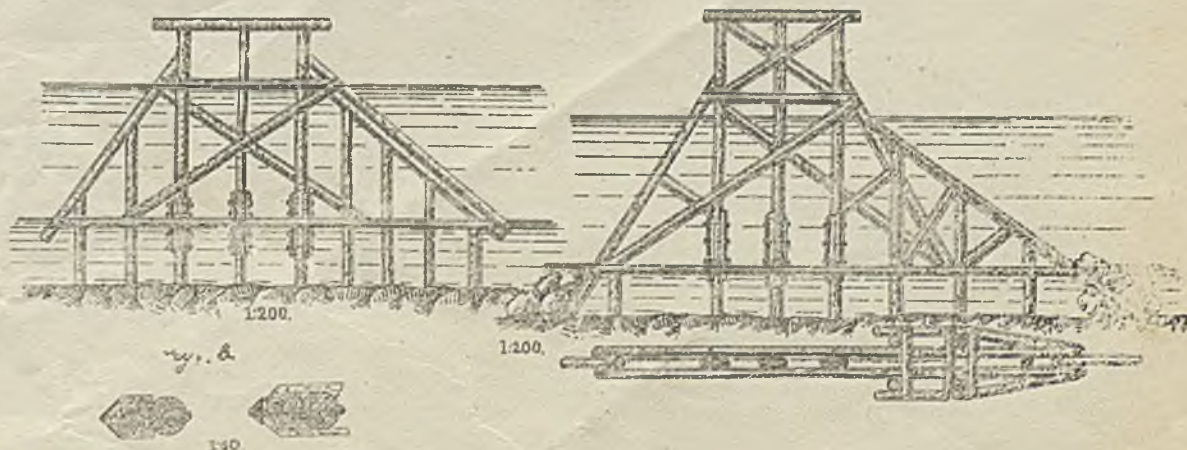
1:10

rys. 4. Poręcze żelazne mostów norwędzkich.



1:36

rys. 7. Jarzma mostów norwędzkich.



1:200

1:200

rys. 8

1:40

Izbice. Mosty drewniane.