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**LAMPIRAN**

1. Model geometry



1. Material properties

| Table 7: Material Properties 02 - Basic Mechanical Properties | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| Material | UnitWeight | UnitMass | E1 | G12 | U12 | A1 |
|  | KN/m3 | KN-s2/m4 | KN/m2 | KN/m2 |  | 1/C |
| BJ 37 | 7.6973E+01 | 7.8490E+00 | 200000000. | 76923076.92 | 0.3 | 1.1700E-05 |
| BJ 55 | 7.6973E+01 | 7.8490E+00 | 200000000. | 76923076.92 | 0.3 | 1.1700E-05 |
| F'C350MPa | 3.1200E+01 | 3.1815E+00 | 27805574.98 | 11585656.24 | 0.2 | 9.9000E-06 |

| Table 8: Material Properties 03a - Steel Data | | | |
| --- | --- | --- | --- |
| Material | Fy | Fu | FinalSlope |
|  | KN/m2 | KN/m2 |  |
| BJ 37 | 240000. | 370000. | -0.1 |

| Table 9: Material Properties 03b - Concrete Data | | | |
| --- | --- | --- | --- |
| Material | Fc | eFc | FinalSlope |
|  | KN/m2 | KN/m2 |  |
| F'C350MPa | 35000. | 27579.03 | -0.1 |
|  |  |  |  |
|  |  |  |  |

| Table 10: Frame Section Properties 01 - General, Part 1 of 4 | | | | | | | | |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| SectionName | Material | Shape | t3 | t2 | tf | tw | t2b | tfb |
|  |  |  | m | m | m | m | m | m |
| A 250.250.35 | BJ 55 | Angle | 0.25 | 0.25 | 0.035 | 0.035 |  |  |
| BA 400.300.10.16 | BJ 55 | I/Wide Flange | 0.4 | 0.3 | 0.016 | 0.01 | 0.3 | 0.016 |
| BD 400.400.45.70 | BJ 55 | I/Wide Flange | 0.4 | 0.4 | 0.07 | 0.045 | 0.4 | 0.07 |
| GM 700.300.15.28 | BJ 55 | I/Wide Flange | 0.7 | 0.3 | 0.028 | 0.015 | 0.3 | 0.028 |
| GP 400.400.45.70 | BJ 37 | I/Wide Flange | 0.4 | 0.4 | 0.07 | 0.045 | 0.4 | 0.07 |
| GPT 400.400.18.28 | BJ 37 | I/Wide Flange | 0.4 | 0.4 | 0.028 | 0.018 | 0.4 | 0.028 |

| Table 13: Load Pattern Definitions | | | |
| --- | --- | --- | --- |
| LoadPat | DesignType | SelfWtMult | AutoLoad |
|  |  |  |  |
| DEAD | Dead | 1. |  |
| LIVE | Live | 0. |  |
| EQX | Quake | 0. | USER LOADS |
| EQY | Quake | 0. | USER LOADS |
| WIND | Wind | 0. | None |

Structure results



| Table 21: Base Reactions | | | | | | |
| --- | --- | --- | --- | --- | --- | --- |
| OutputCase | GlobalFX | GlobalFY | GlobalFZ | GlobalMX | GlobalMY | GlobalMZ |
|  | KN | KN | KN | KN-m | KN-m | KN-m |
| DEAD | 3429.515 | -2.522E-12 | 7454.894 | 26092.1291 | -223646.821 | -12003.3041 |
| LIVE | 1973.552 | -1.617E-12 | 4173.24 | 14606.34 | -125197.2 | -6889.7214 |
| EQX | -35.194 | 0. | 0. | 0. | 0. | 123.1777 |
| EQY | 0. | -35.194 | 0. | 0. | 0. | 0. |
| WIND | -2.075E-03 | -44.534 | 2.130E-11 | 2029.2 | -6.656E-10 | -937.5861 |

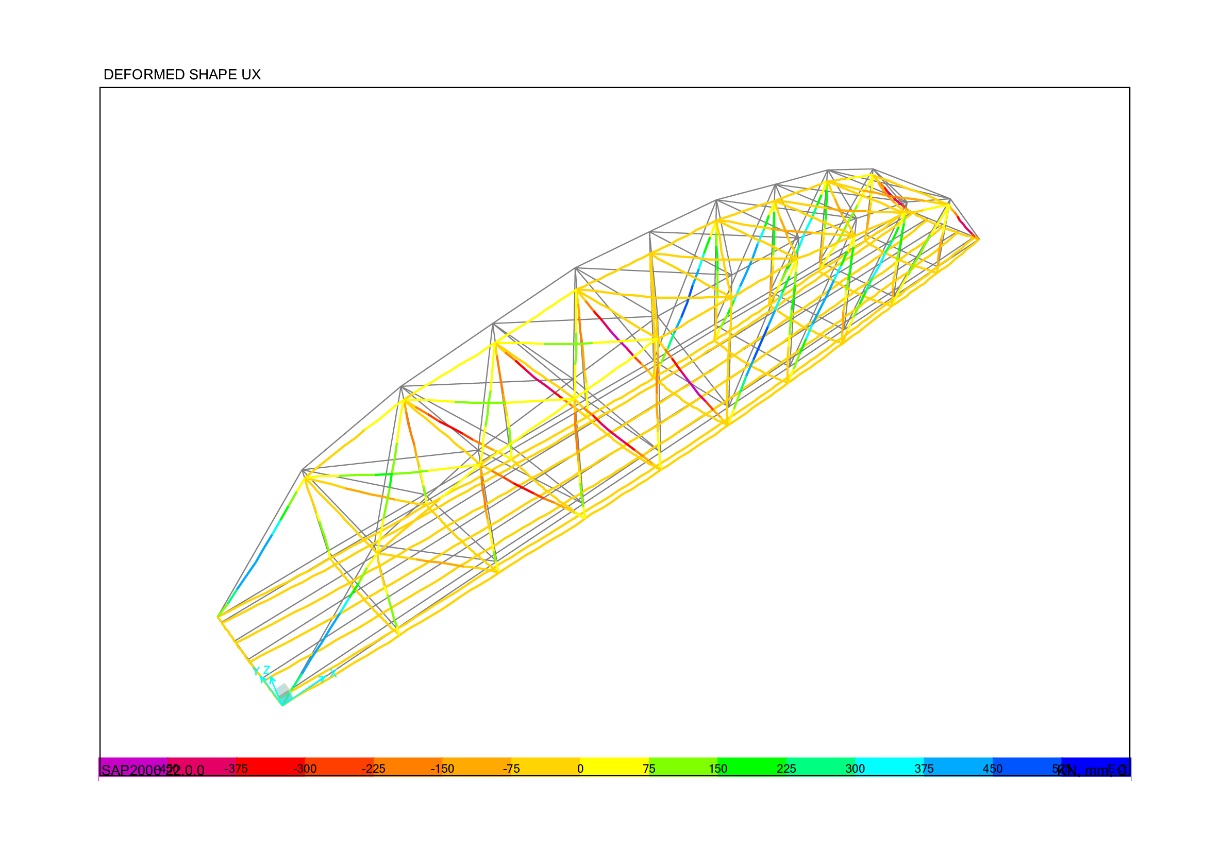
| Table 27: Material List 2 - By Section Property | | | | |
| --- | --- | --- | --- | --- |
| Section | ObjectType | NumPieces | TotalLength | TotalWeight |
|  |  |  | m | KN |
| A 250.250.35 | Frame | 16 | 148.80305 | 186.411 |
| BA 400.300.10.16 | Frame | 9 | 63. | 64.399 |
| BD 400.400.45.70 | Frame | 54 | 447.7568 | 2333.289 |
| GPT 400.400.18.28 | Frame | 50 | 300. | 660.242 |
| GM 700.300.15.28 | Frame | 11 | 77. | 156.826 |
| GP 400.400.45.70 | Frame | 20 | 120. | 625.328 |
| SLAB JALAN | Area |  |  | 2246.4 |
| SLAB TROTOAR | Area |  |  | 468. |

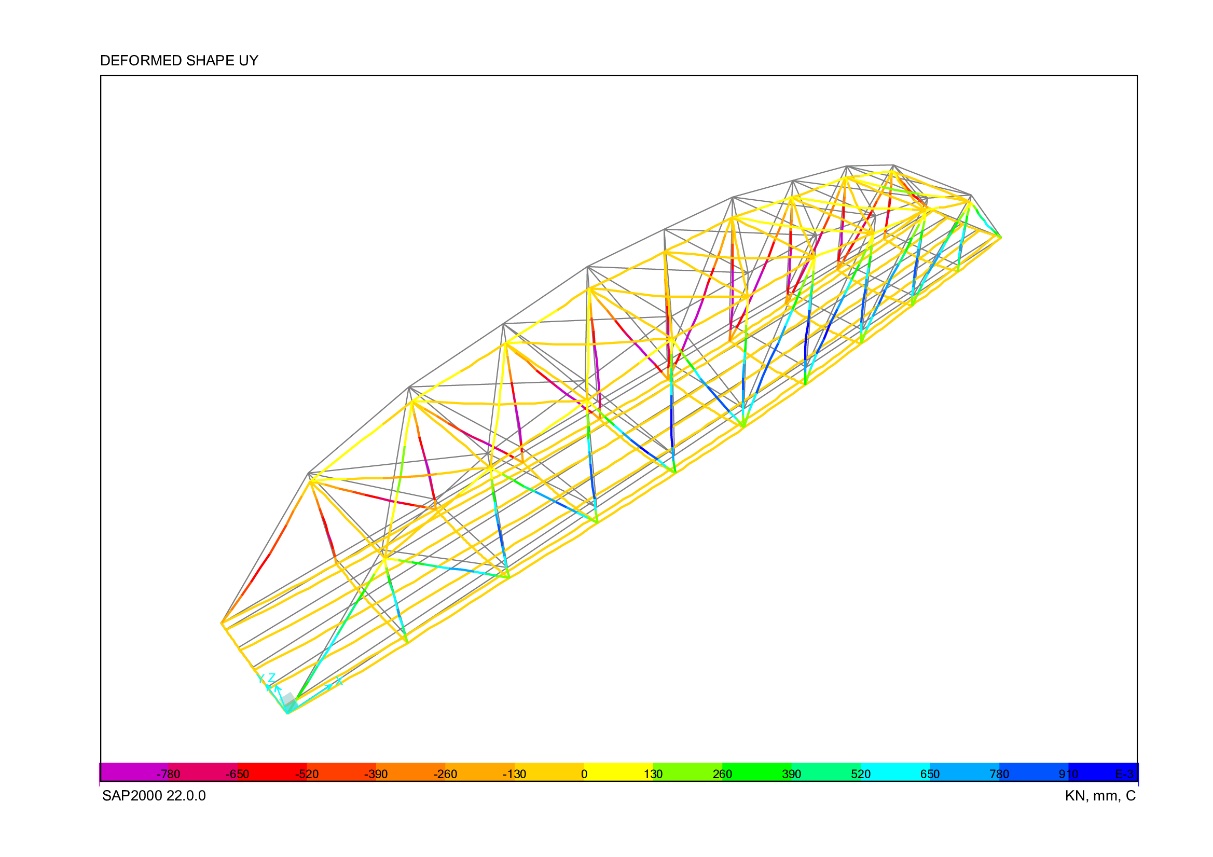
Structure results

This section provides structure results, including items such as structural periods and base reactions.



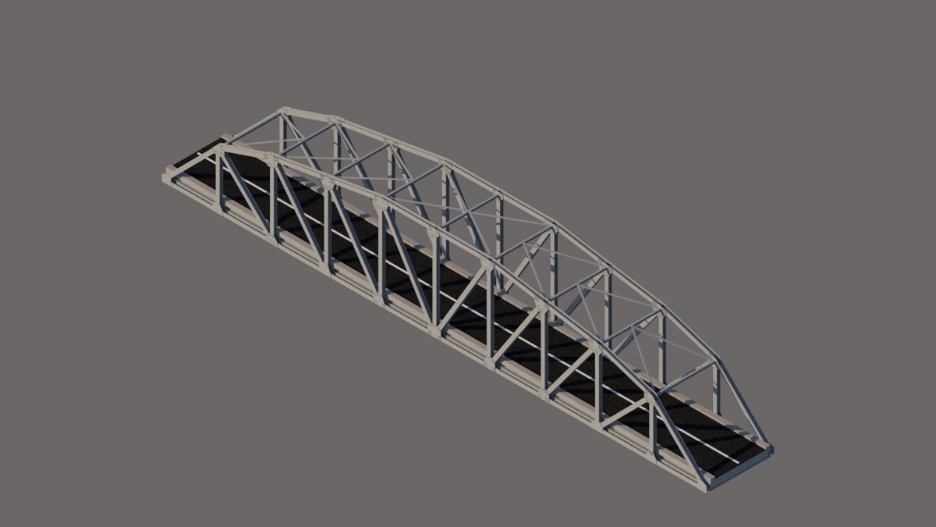
Figure 2: Deformed shape







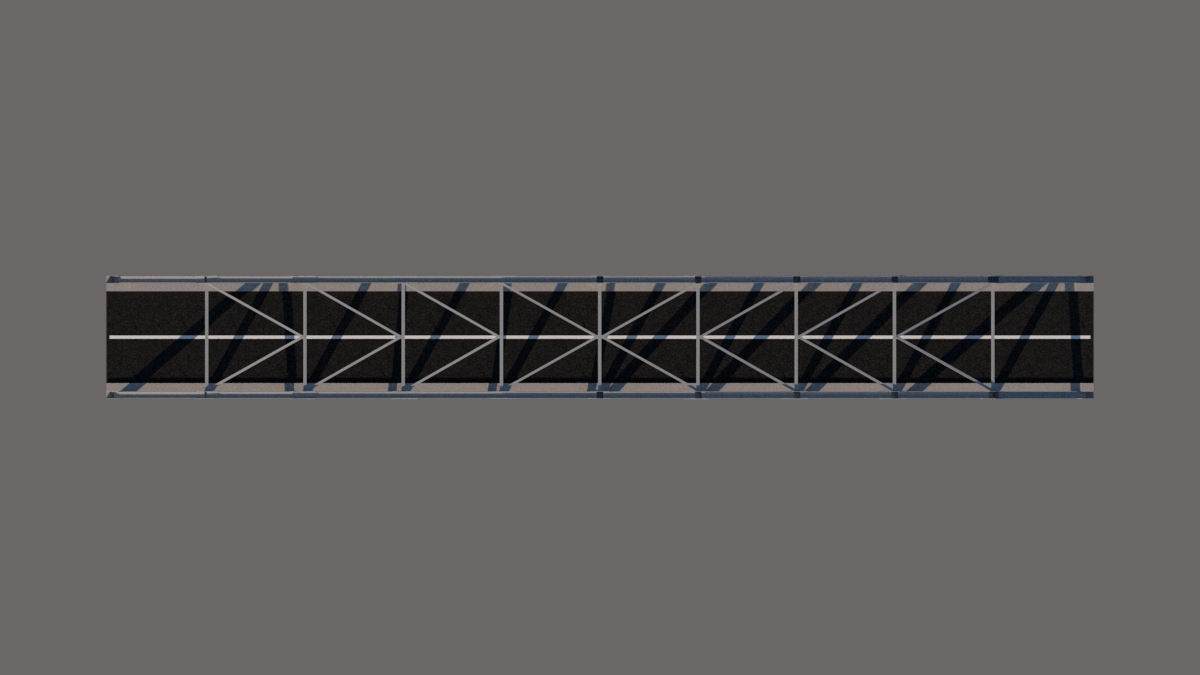
BANGUNAN ATAS JEMBATAN



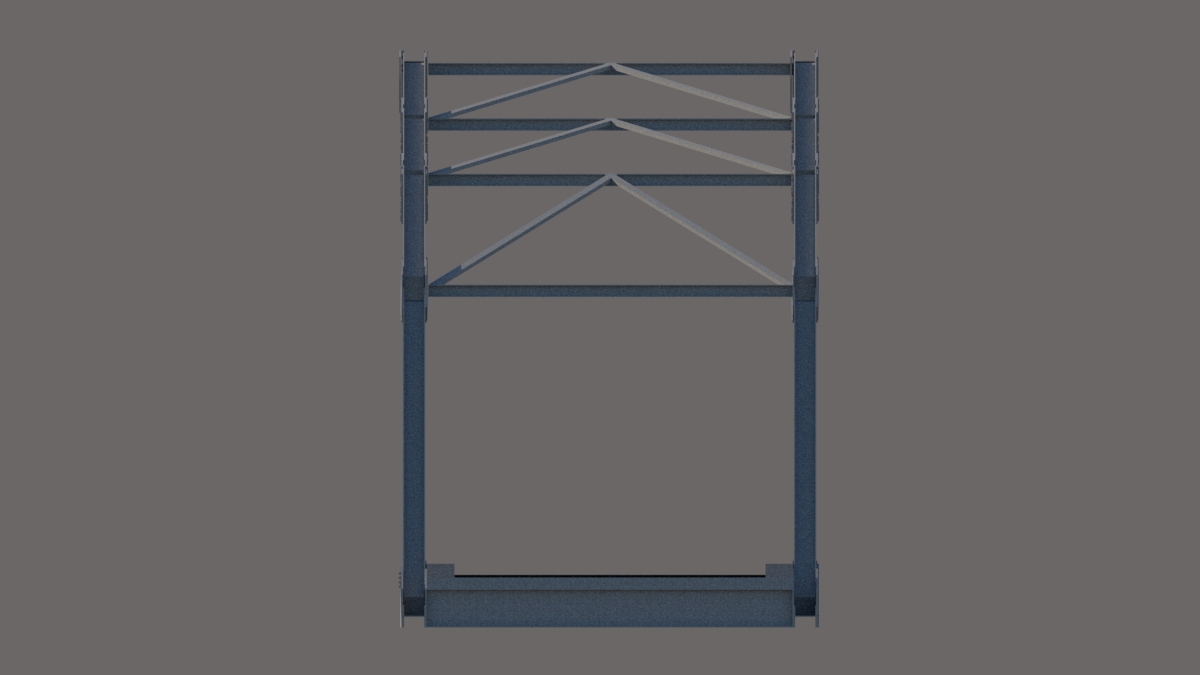
Gambar 3D Jembatan Camelback Truss

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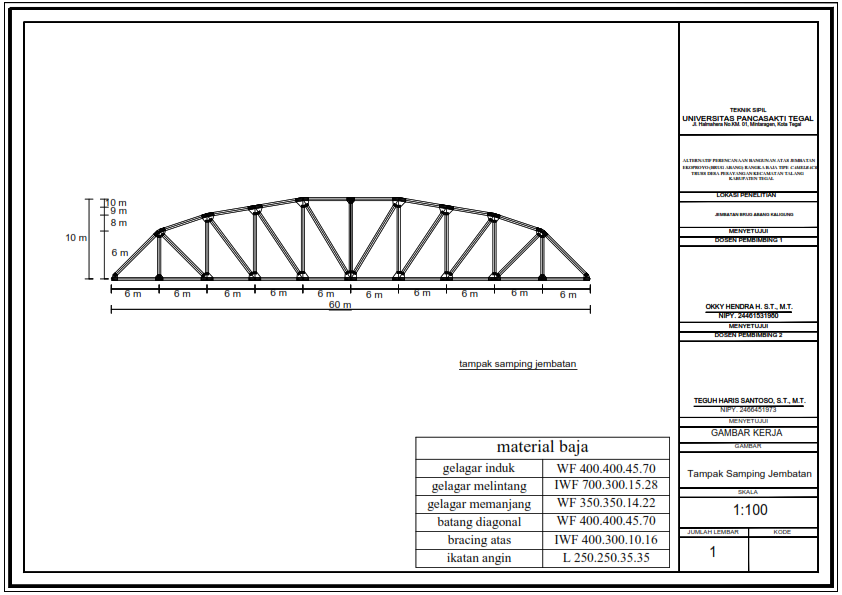
**Tampak Samping Jembatan**

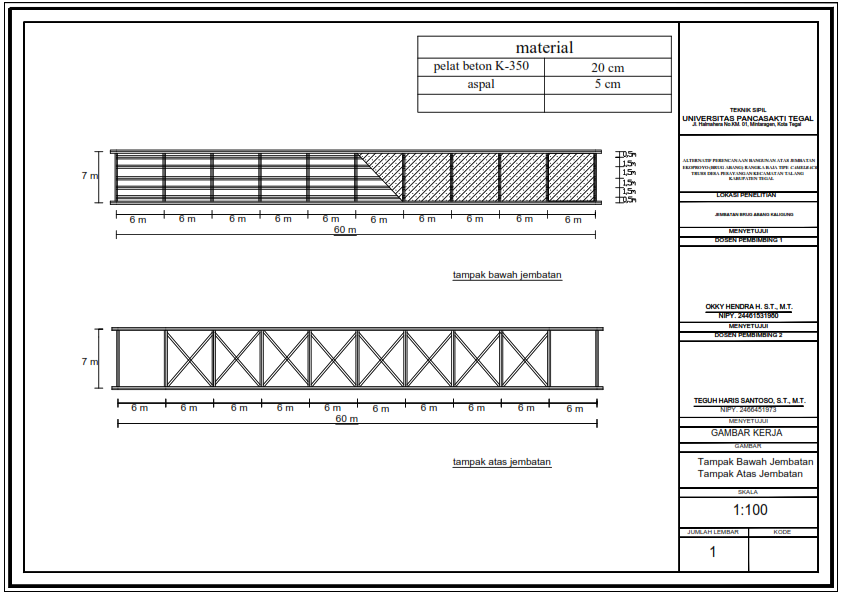
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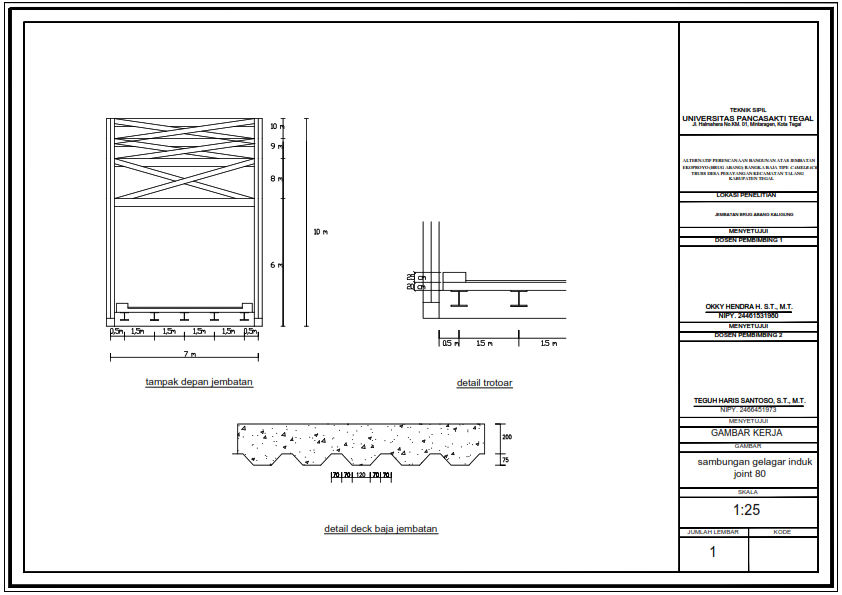
**Tampak Atas Jembatan**

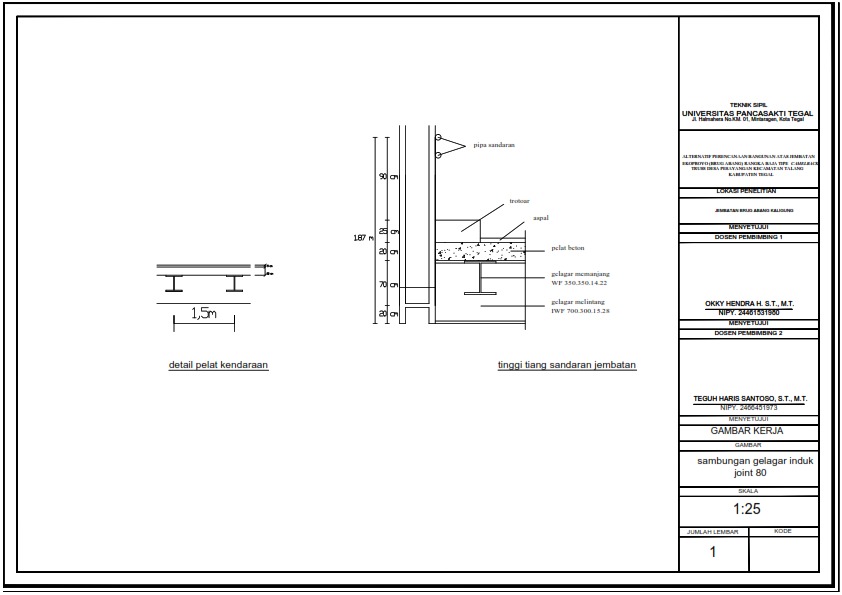
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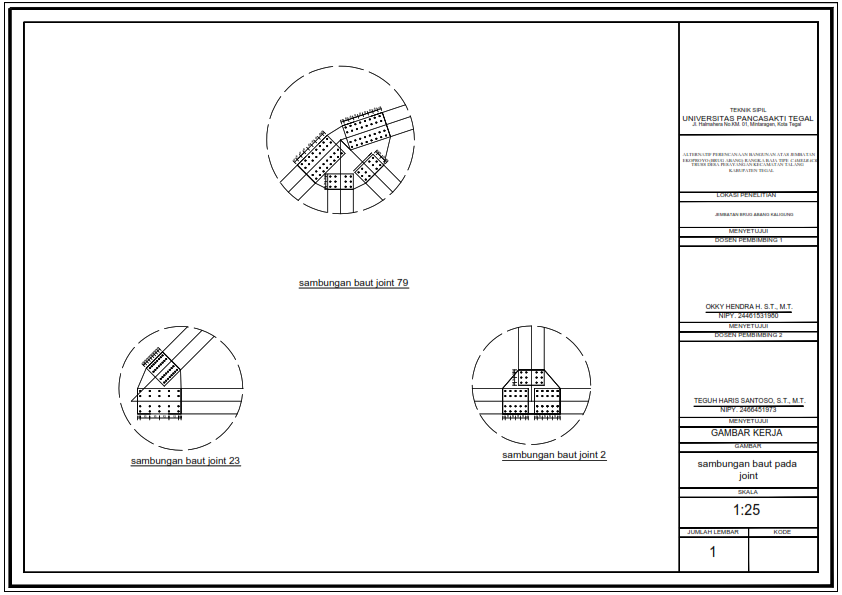
**Tampak Depan Jembatan**

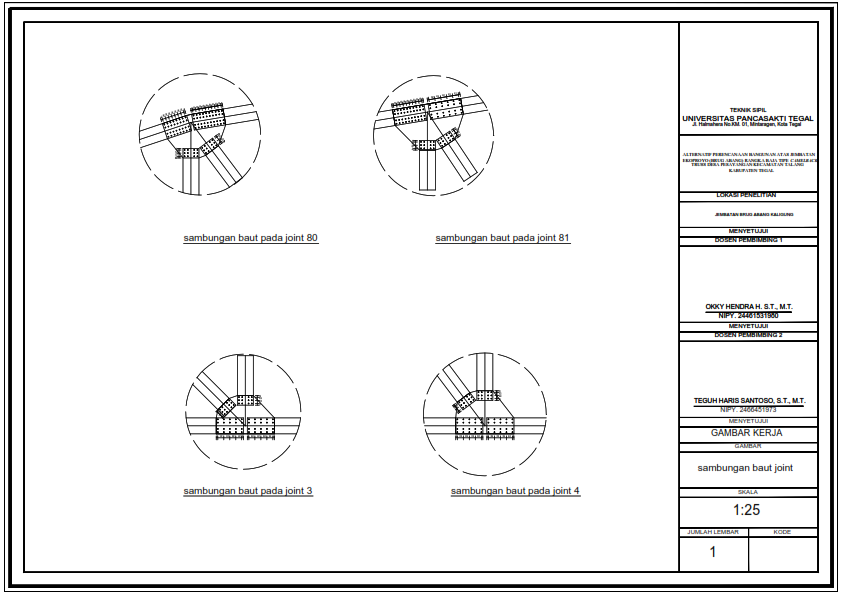
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