



**PEMERINTAH KOTA SEMARANG**  
**DINAS PEKERJAAN UMUM**

JL. MADUKORO RAYA NO. 7, TELP. (024) 76433969, FAX. (024) 76433969 KOTA SEMARANG

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**FORM INVENTARISASI JEMBATAN**  
**Ruas Jalan**  
**GEMAHSARI PERMAI**

**NO JEMBATAN : KT.33.074.10.0032.001**  
**NAMA JEMBATAN : BLIBES**  
**TAHUN ANGGARAN : 2024**



**PEMERINTAH KOTA SEMARANG**  
**DINAS PEKERJAAN UMUM**

JL. MADUKORO RAYA NO. 7, Telp. (024) 76433969, FAX. (024) 76433969 KOTA SEMARANG

SISTEM  
MANAJEMEN  
JEMBATAN



## LAPORAN PEMERIKSAAN INVENTARISASI JEMBATAN

No. Jembatan Ruas Jalan Kabupaten  
dan Kota

|    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| KT | 3 | 3 | 0 | 7 | 4 | 1 | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 1 |  |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|

|                                  |                                        |           |      |            |                                                |                                    |
|----------------------------------|----------------------------------------|-----------|------|------------|------------------------------------------------|------------------------------------|
| Nama Jembatan                    | <b>BLIBES</b>                          |           |      |            | <u>Propinsi / Kabupaten / Kota</u><br>Semarang |                                    |
| Lokasi Jembatan                  | Koordinat Awal :                       | -7.015033 | LS   | 110.465216 | BT                                             | Dari (Kota Asal/Km.Nol) : SMG      |
|                                  | Koordinat Akhir :                      | -7.015033 | LS   | 110.465216 | BT                                             | Km. (Jarak dari kota asal) : 0+160 |
| Tanggal Pemeriksaan<br>18/5/2024 | Nama Pemeriksa / NIP<br>GENDUT SUMANTO |           |      |            | Tahun Pembangunan<br>2016                      |                                    |
| Nilai Lalu - Lintas :            | 0,275755                               | LHR :     | 1161 | Tahun :    |                                                | 2019                               |

### INFORMASI PEMBANGUNAN JEMBATAN

|                                                                                                  |                  |                   |
|--------------------------------------------------------------------------------------------------|------------------|-------------------|
| 1 Tanggal / Bulan / Tahun pembangunan jembatan / pengoperasian pertama kali                      | :                | 2016              |
| 2 Tanggal / Bulan / Tahun pelebaran/rehabilitasi/perkuatan jembatan / pengoperasian pertama kali | :                | -                 |
| 3 Tanggal / Bulan / Tahun serah terima aset                                                      | :                | -                 |
| 4 Penanggung jawab pembangunan (Satker/PPK)                                                      | :                | -                 |
| 5 Penanggung jawab pelebaran/rehabilitasi/perkuatan jembatan (Satker/PPK)                        | :                | -                 |
| 6 Biaya perencanaan                                                                              | :                | -                 |
| 7 Biaya pembangunan                                                                              | :                | RP. 1,809,000,000 |
| 8 Biaya pelebaran/rehabilitasi/perkuatan jembatan                                                | :                | -                 |
| 9 Biaya pengujian                                                                                | :                | -                 |
| 10 Nilai aset serah terima                                                                       | :                | -                 |
| 11 Nama konsultan perencana pembangunan                                                          | :                | -                 |
| 12 Nama <i>Independent Proof Checker</i> (IPC)                                                   | :                | -                 |
| 13 Nama konsultan perencana pelebaran/rehabilitasi/perkuatan jembatan                            | :                | -                 |
| 14 Nama kontraktor pelaksana pembangunan                                                         | :                | FIKANOVA          |
| 15 Nama kontraktor pelaksana pelebaran/rehabilitasi/perkuatan jembatan                           | :                | -                 |
| 16 Nama subkontraktor spesialis                                                                  | :                | -                 |
| 17 Nama konsultan pengawas pembangunan                                                           | :                | -                 |
| 18 Nama konsultan pengawas pelebaran/rehabilitasi/perkuatan jembatan                             | :                | -                 |
| 19 Nama konsultan pengujian                                                                      | :                | -                 |
|                                                                                                  |                  |                   |
|                                                                                                  | Tersedia / Tidak | File              |
| 20 Laporan pembangunan/pelebaran/rehabilitasi/perkuatan jembatan                                 | Tidak            | -                 |
| 21 <i>As-built-drawing</i> atau denah jembatan                                                   | Tidak            | -                 |

|                                                                |                       |
|----------------------------------------------------------------|-----------------------|
| Hanya untuk keperluan kantor                                   |                       |
| Tanggal memasukkan Data Pemeriksaan Inventarisasi<br>25/5/2024 | Oleh :<br>WAHYU DWI S |



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**INFORMASI KAPASITAS MUATAN**

|                                                                      |   |       |       |
|----------------------------------------------------------------------|---|-------|-------|
| 1 Batasan muatan sumbu terberat MST                                  | : | 8     | ton   |
| 2 Beban maksimum yang pernah di atas jembatan                        | : | 8     | ton   |
| 3 Jenis kendaraan berat yang umum lewat di atas jembatan             | : | TRUCK |       |
| 4 Tindakan darurat yang sedang/pernah dilakukan di atas jembatan     | : | C     |       |
| a. Pembatasan beban                                                  |   |       |       |
| b. Penyokongan/Sangga                                                |   |       |       |
| c. Penutupan parsial/Sebagian                                        |   |       |       |
| d. Penutupan penuh                                                   |   |       |       |
| e. Jalan Memutar/ <i>detour</i>                                      |   |       |       |
| f. Jembatan Sementara                                                |   |       |       |
| 5 Apakah tersedia jalan memutar/ <i>detour</i> jika jembatan ditutup |   | Ya    | tidak |
| 6 Panjang jarak tambahan yang harus ditempuh dengan jalan memutar    |   | 750   | m     |

**INFORMASI KAPASITAS LALU LINTAS**

|                                                                                                                                                     |   |      |   |
|-----------------------------------------------------------------------------------------------------------------------------------------------------|---|------|---|
| 1 Lalu - lintas harian rata-rata tahunan (LHR) AADT                                                                                                 | : | 1161 |   |
| 2 Nilai Lalu - Lintas (Perbandingan lebar jalur lalu-lintas yang tersedia di atas jembatan dengan lebar perkerasan sebelum masuk ke dalam jembatan) |   |      |   |
| Longgar kendaraan bebas melintas di atas jembatan                                                                                                   |   | 0    |   |
| Cukup lebar kendaraan melaju perlahan di atas jembatan                                                                                              |   | 3    |   |
| Sempit kendaraan harus antri atau berhenti                                                                                                          |   | 5    |   |
| 3 Lebar kendaraan maksimum ( <i>ODOL/Over-dimension overload vehicle</i> )                                                                          | : | 2.50 | m |

**INFORMASI BATASAN PERLINTASAN DAN LINGKUNGAN**

|                                                                                                                 |   |      |   |
|-----------------------------------------------------------------------------------------------------------------|---|------|---|
| 1 Tinggi muka air banjir terhadap bagian atas lantai jembatan                                                   | : | 8.00 | m |
| 2 Tinggi muka air banjir terhadap elevasi perletakan jembatan                                                   | : | -    | m |
| 3 Tinggi muka air banjir terhadap elevasi terbawah bangunan atas jembatan                                       | : | 6.00 | m |
| 4 Kedalaman gerusan di sekitar pilar                                                                            | : | -    | m |
| 5 Kedalaman gerusan di sekitar kepala jembatan                                                                  | : | -    | m |
| 6 Kedalaman gerusan di sekitar tanah timbunan atau bangunan pengaman lainnya                                    | : | -    | m |
| 7 Tinggi bebas perlintasan <i>overpass</i> jalan                                                                | : | -    | m |
| 8 Tinggi bebas perlintasan kereta api                                                                           | : | -    | m |
| 9 Tinggi bagian tertinggi dari kapal laut dan/atau angkutannya terhadap elevasi terbawah bangunan atas jembatan | : | -    | m |
| 10 Lebar alur pelayaran untuk dibandingkan dengan kapal laut                                                    | : | -    | m |
| 11 Tinggi pilon dengan batasan lintasan pesawat udara dekat bandara                                             | : | -    | m |





| No. Kepala Jembatan / Pilar                                                                                                                               | Bangunan Bawah (2.300) |     |                               |     |                                  |     | Aliran Sungai (2.200) |                           |     | Jalan Pendekat (2.100)            |     |                        |     |                                               |     |                                |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-----|-------------------------------|-----|----------------------------------|-----|-----------------------|---------------------------|-----|-----------------------------------|-----|------------------------|-----|-----------------------------------------------|-----|--------------------------------|-----|
|                                                                                                                                                           | Fondasi (3.310)        |     | Kepala Jembatan/Pilar (3.320) |     | Perkuatan Bangunan Bawah (4.326) |     | Tebing Sungai (4.211) | Bangunan Pengaman (3.220) |     | Perkerasan Jalan Pendekat (3.110) |     | Tanah Timbunan (3.120) |     | Struktur Penahan Tanah Jalan Pendekat (3.130) |     | Pengaman Lalu - Lintas (3.140) |     |
|                                                                                                                                                           | TIPE                   | BHN | TIPE                          | BHN | Kode (L4)                        | BHN | BHN                   | Kode (L4)                 | BHN | Kode (L4)                         | BHN | Kode (L4)              | BHN | Kode (L4)                                     | BHN | Kode (L4)                      | BHN |
| Kepala Jbt. A1                                                                                                                                            | SU                     | T   | B                             | T   | -                                | -   | M                     | 4.221                     | M   | 4.111                             | A   | -                      | -   | 4.131                                         | M   | -                              | -   |
| P I L A R                                                                                                                                                 |                        |     |                               |     |                                  |     |                       |                           |     |                                   |     |                        |     |                                               |     |                                |     |
|                                                                                                                                                           |                        |     |                               |     |                                  |     |                       |                           |     |                                   |     |                        |     |                                               |     |                                |     |
|                                                                                                                                                           |                        |     |                               |     |                                  |     |                       |                           |     |                                   |     |                        |     |                                               |     |                                |     |
|                                                                                                                                                           |                        |     |                               |     |                                  |     |                       |                           |     |                                   |     |                        |     |                                               |     |                                |     |
|                                                                                                                                                           |                        |     |                               |     |                                  |     |                       |                           |     |                                   |     |                        |     |                                               |     |                                |     |
|                                                                                                                                                           |                        |     |                               |     |                                  |     |                       |                           |     |                                   |     |                        |     |                                               |     |                                |     |
|                                                                                                                                                           |                        |     |                               |     |                                  |     |                       |                           |     |                                   |     |                        |     |                                               |     |                                |     |
|                                                                                                                                                           |                        |     |                               |     |                                  |     |                       |                           |     |                                   |     |                        |     |                                               |     |                                |     |
|                                                                                                                                                           |                        |     |                               |     |                                  |     |                       |                           |     |                                   |     |                        |     |                                               |     |                                |     |
|                                                                                                                                                           |                        |     |                               |     |                                  |     |                       |                           |     |                                   |     |                        |     |                                               |     |                                |     |
| Kepala Jbt A.2                                                                                                                                            | SU                     | T   | B                             | T   | -                                | -   | M                     | 4.221                     | M   | 4.111                             | A   | -                      | -   | 4.131                                         | M   | -                              | -   |
| Catatan :<br>Pengisian disesuaikan dengan kode elemen dan kode laporan inventarisasi<br>L4 adalah elemen pada level 4<br>(*) adalah jembatan tipe gelagar |                        |     |                               |     |                                  |     |                       |                           |     | Bangunan Bawah<br>Pondasi         |     | =<br>=                 |     | 0<br>0                                        |     | NILAI<br>NILAI                 |     |



## LAPORAN PEMERIKSAAN INVENTARISASI PELEBARAN JEMBATAN

[illegible]

Catatan :  
Pengisian disesuaikan dengan kode elemen dan kode laporan inventarisasi  
L4 adalah elemen pada level 4  
(\*) adalah jembatan tipe gelagar

| Bangunan Bawah (2.300)                                                                                                                                    |      |                 |      |                               |           |                          | Aliran Sungai (2.200) |                       |     | Jalan Pendekat (2.100)    |     |                                   |     |                        |     |                                               |     |                                |     |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------|------|-----------------|------|-------------------------------|-----------|--------------------------|-----------------------|-----------------------|-----|---------------------------|-----|-----------------------------------|-----|------------------------|-----|-----------------------------------------------|-----|--------------------------------|-----|
| No. Kepala Jembatan / Pilar                                                                                                                               |      | Fondasi (3.910) |      | Kepala Jembatan/Pilar (3.320) |           | Perkuatan Bangunan Bawah |                       | Tebing Sungai (4.211) |     | Bangunan Pengaman (3.220) |     | Perkerasan Jalan Pendekat (3.110) |     | Tanah Timbunan (3.120) |     | Struktur Penahan Tanah Jalan Pendekat (3.130) |     | Pengaman Lahu - Lintas (3.140) |     |
| Kepala Jbt. A1                                                                                                                                            | TIPE | BHN             | TIPE | BHN                           | Kode (L4) | BHN                      | BHN                   | Kode (L4)             | BHN | Kode (L4)                 | BHN | Kode (L4)                         | BHN | Kode (L4)              | BHN | Kode (L4)                                     | BHN | Kode (L4)                      | BHN |
| P I L A R                                                                                                                                                 |      |                 |      |                               |           |                          |                       |                       |     |                           |     |                                   |     |                        |     |                                               |     |                                |     |
|                                                                                                                                                           |      |                 |      |                               |           |                          |                       |                       |     |                           |     |                                   |     |                        |     |                                               |     |                                |     |
|                                                                                                                                                           |      |                 |      |                               |           |                          |                       |                       |     |                           |     |                                   |     |                        |     |                                               |     |                                |     |
|                                                                                                                                                           |      |                 |      |                               |           |                          |                       |                       |     |                           |     |                                   |     |                        |     |                                               |     |                                |     |
|                                                                                                                                                           |      |                 |      |                               |           |                          |                       |                       |     |                           |     |                                   |     |                        |     |                                               |     |                                |     |
|                                                                                                                                                           |      |                 |      |                               |           |                          |                       |                       |     |                           |     |                                   |     |                        |     |                                               |     |                                |     |
| Kepala Jbt A.2                                                                                                                                            |      |                 |      |                               |           |                          |                       |                       |     |                           |     |                                   |     |                        |     |                                               |     |                                |     |
| Catatan :<br>Pengisian disesuaikan dengan kode elemen dan kode laporan inventarisasi<br>L4 adalah elemen pada level 4<br>(*) adalah jembatan tipe gelagar |      |                 |      |                               |           |                          |                       |                       |     |                           |     |                                   |     |                        |     |                                               |     |                                |     |



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NO. JEMBATAN

:

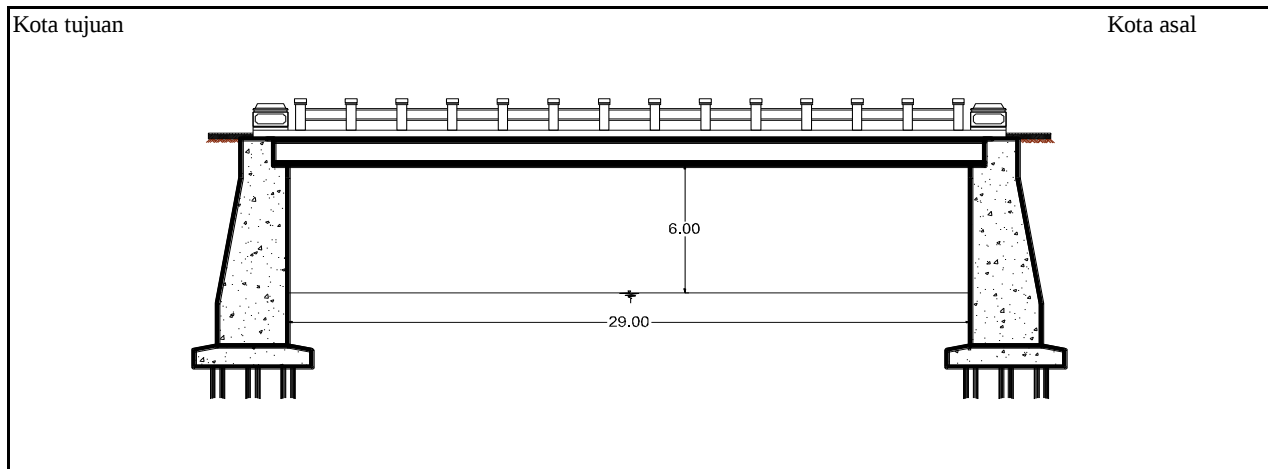
|    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| KT | 3 | 3 | 0 | 7 | 4 | 1 | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 1 |  |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|

NAMA JEMBATAN

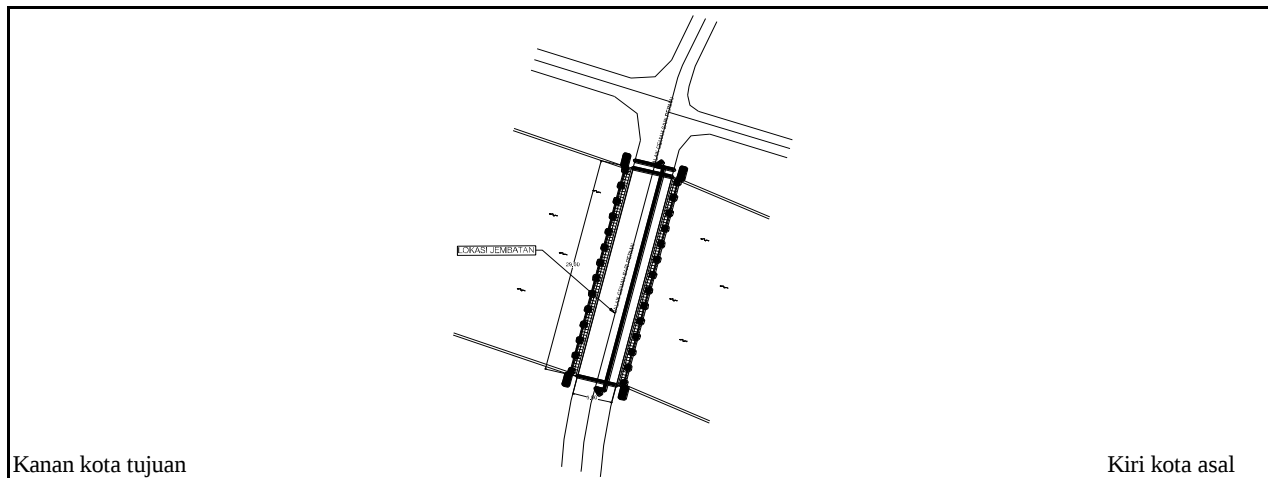
:

BLIBES

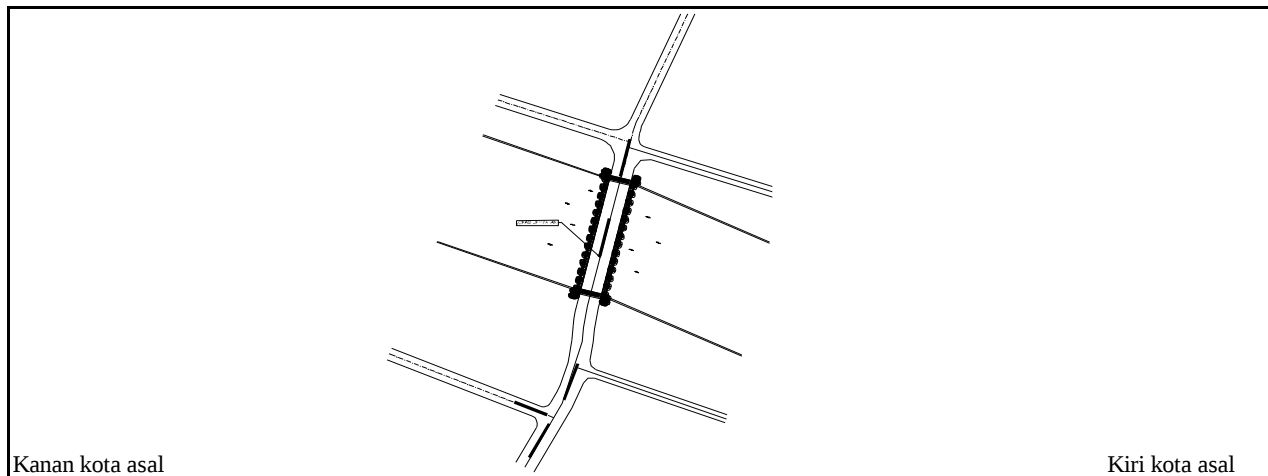
**POTONGAN MEMANJANG**



**TAMPAK ATAS**



**SITUASI**





**PEMERINTAH KOTA SEMARANG**  
**DINAS PEKERJAAN UMUM**

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**TAMPAK MEMANJANG**



**TAMPAK MEMANJANG**



**TAMPAK MELINTANG**



**TAMPAK MELINTANG**

| NOMOR JEMBATAN        | NAMA JEMBATAN | LOKASI (Km) | PANJANG (M) |
|-----------------------|---------------|-------------|-------------|
| KT.33.074.10.0032.001 | BLIBES        | 0+160       | 29.00       |



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**KONDISI BANGUNAN BAWAH**



**KONDISI LAPISAN PERMUKAAN LANTAI**



**KONDISI ALIRAN SUNGAI**



**PAPAN NAMA JEMBATAN / PRASASTI**

| NOMOR JEMBATAN        | NAMA JEMBATAN | LOKASI (Km) | PANJANG (M) |
|-----------------------|---------------|-------------|-------------|
| KT.33.074.10.0032.001 | BLIBES        | 0+160       | 29.00       |



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---

**FORM DETAIL JEMBATAN**  
**Ruas Jalan**  
**GEMAHSARI PERMAI**

**NO JEMBATAN : KT.33.074.10.0032.001**  
**NAMA JEMBATAN : BLIBES**  
**TAHUN ANGGARAN : 2024**



**PEMERINTAH KOTA SEMARANG**  
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SISTEM  
MANAJEMEN  
JEMBATAN



## LAPORAN PEMERIKSAAN DETAIL JEMBATAN

No. Jembatan Ruas Jalan Kabupaten dan Kota

|    |   |   |   |   |   |   |   |   |   |   |   |   |   |   |  |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|
| KT | 3 | 3 | 0 | 7 | 4 | 1 | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 1 |  |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|--|

|                                  |                                        |           |      |            |    |                                      |  |  |  |  |
|----------------------------------|----------------------------------------|-----------|------|------------|----|--------------------------------------|--|--|--|--|
| Nama Jembatan                    | BLIBES                                 |           |      |            |    | Propinsi / Kabupaten / Kota Semarang |  |  |  |  |
| Lokasi Jembatan                  | Koordinat Awal :                       | -7.015033 | LS   | 110.465216 | BT | Dari (Kota Asal/Km.No) : SMG         |  |  |  |  |
|                                  | Koordinat Akhir :                      | -7.015033 | LS   | 110.465216 | BT | Km. (Jarak dari kota asal) : 0+160   |  |  |  |  |
| Tanggal Pemeriksaan<br>18/5/2024 | Nama Pemeriksa / NIP<br>GENDUT SUMANTO |           |      |            |    | Tahun Pembangunan                    |  |  |  |  |
|                                  |                                        |           |      |            |    | 2016                                 |  |  |  |  |
| Nilai Traffic :                  | 0,275755                               | LHR :     | 1161 | Tahun :    |    | 2019                                 |  |  |  |  |

### USULAN PEMERIKSAAN KHUSUS

|                                      |    |       |
|--------------------------------------|----|-------|
| Apakah tindakan darurat disarankan ? | Ya | Tidak |
|--------------------------------------|----|-------|

Elemen elemen yang memerlukan Pemeriksaan Khusus

| Elemen |        | Lokasi |   |   |   | Alasan untuk melakukan pemeriksaan khusus |
|--------|--------|--------|---|---|---|-------------------------------------------|
| Kode   | Uraian | A/P/B  | X | Y | Z |                                           |
|        |        |        |   |   |   |                                           |
|        |        |        |   |   |   |                                           |
|        |        |        |   |   |   |                                           |
|        |        |        |   |   |   |                                           |
|        |        |        |   |   |   |                                           |
|        |        |        |   |   |   |                                           |

### TINDAKAN DARURAT

|                                      |    |       |
|--------------------------------------|----|-------|
| Apakah tindakan darurat disarankan ? | Ya | Tidak |
|--------------------------------------|----|-------|

Elemen elemen yang memerlukan Tindakan Darurat

| Elemen |        | Lokasi |   |   |   | Alasan untuk melakukan pemeriksaan khusus |
|--------|--------|--------|---|---|---|-------------------------------------------|
| Kode   | Uraian | A/P/B  | X | Y | Z |                                           |
|        |        |        |   |   |   |                                           |
|        |        |        |   |   |   |                                           |
|        |        |        |   |   |   |                                           |
|        |        |        |   |   |   |                                           |
|        |        |        |   |   |   |                                           |
|        |        |        |   |   |   |                                           |

Hanya untuk keperluan kantor

|                                                                |                       |
|----------------------------------------------------------------|-----------------------|
| Tanggal memasukkan Data Pemeriksaan Inventarisasi<br>25/5/2024 | Oleh :<br>WAHYU DWI S |
|----------------------------------------------------------------|-----------------------|

LAPORAN PEMERIKSAAN MENDETAIL JEMBATAN

DAFTAR KERUSAKAN UNTUK LEVEL 3-5

| No. Jembatan | KT | 3 | 3 | 0 | 7 | 4 | 1 | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 1 |
|--------------|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
|--------------|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

EVALUASI ELEMEN

| Elemen |                                  | Elemen |                                       | Elemen |                                                                        | Kerusakan |                     | Lokasi |  | Level 5       |   |   |   |   | Level 4       |   |   |   |    |   |   |   |   |   |
|--------|----------------------------------|--------|---------------------------------------|--------|------------------------------------------------------------------------|-----------|---------------------|--------|--|---------------|---|---|---|---|---------------|---|---|---|----|---|---|---|---|---|
| Kode   | Uraian Level 2<br>(pilihan)      | Kode   | Uraian Level 3<br>(pilihan)           | Kode   | Uraian<br>(pilihan)                                                    | Kode      | Uraian<br>(pilihan) |        |  | Nilai Kondisi |   |   |   |   | Nilai Kondisi |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       |        |                                                                        |           |                     |        |  | A/P/B         | X | Y | Z | S | R             | K | F | P | NK | S | R | K | F | P |
| 2.100  | Jalan Pendekat                   | 3.110  | Perkerasan Jalan Pendekat             | 4.111  | Perkerasan Fleksibel Jalan Pendekat                                    |           |                     |        |  |               |   |   | 0 | 0 | 0             | 0 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 |
|        |                                  |        |                                       | 4.112  | Perkerasan Kaku Jalan Pendekat                                         |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.113  | Pelat Injak                                                            |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.114  | Sleeper Slab                                                           |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.115  | Drainase Perkerasan                                                    |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.121  | Tanah Timbunan                                                         |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  | 3.120  | Tanah Timbunan                        | 4.122  | Timbunan Ringan                                                        |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.123  | Geosintetik                                                            |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.124  | Drainase Tanah Timbunan                                                |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  | 3.130  | Struktur Penahan Tanah Jalan Pendekat | 4.131  | Dinding Penahan Tanah                                                  |           |                     |        |  |               |   |   |   | 0 | 0             | 0 | 0 | 0 | 0  | 0 | 0 | 0 | 0 | 0 |
|        |                                  |        |                                       | 4.132  | Tanah Bertulang/Mechanically Stabilized Earth (MSE)                    |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.133  | Drainase Struktur Penahan Tanah                                        |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.134  | Soil nailing                                                           |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  | 3.140  | Pengaman lalu - lintas                | 4.141  | Tiang Pengaman Jalan Pendekat                                          |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.142  | Pagar Pengaman/Guardrail Jalan Pendekat                                |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
| 2.200  | Aliran Sungai                    | 3.210  | Aliran Sungai                         | 4.211  | tebing sungai                                                          |           |                     |        |  |               |   |   | 0 | 1 | 0             | 0 | 0 | 1 | 0  | 1 | 0 | 0 | 0 |   |
|        |                                  |        |                                       | 4.212  | aliran air utama                                                       |           |                     |        |  |               |   | 0 | 1 | 0 | 0             | 0 | 1 | 0 | 1  | 0 | 0 | 0 |   |   |
|        |                                  |        |                                       | 4.213  | daerah gerangan banjir                                                 |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  | 3.220  | Bangunan Pengaman                     | 4.221  | Pengaman Aliran Sungai                                                 |           |                     |        |  |               |   | 0 | 1 | 0 | 0             | 0 | 1 | 0 | 1  | 0 | 0 | 0 |   |   |
|        |                                  |        |                                       | 4.222  | Pengaman Tebing Sungai                                                 |           |                     |        |  |               |   | 0 | 1 | 0 | 0             | 0 | 1 | 0 | 1  | 0 | 0 | 0 |   |   |
|        |                                  |        |                                       | 4.223  | Pengaman Bangunan Bawah                                                |           |                     |        |  |               |   | 0 | 1 | 0 | 0             | 0 | 1 | 0 | 1  | 0 | 0 | 0 |   |   |
|        |                                  |        |                                       | 4.224  | Perkuatan bangunan Pengaman                                            |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.311  | Fondasi Tiang                                                          |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
| 2.300  | Bangunan Bawah                   | 3.310  | Pondasi                               | 4.312  | Fondasi Sumuran                                                        |           |                     |        |  |               |   | 0 | 0 | 0 | 0             | 0 | 0 | 0 | 0  | 0 | 0 |   |   |   |
|        |                                  |        |                                       | 4.313  | Fondasi Langsung                                                       |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.314  | Pondasi Balok Pelengkung                                               |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.315  | Sambungan Fondasi dan Lainnya                                          |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.316  | Perkuatan Fondasi                                                      |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.317  | Struktur jembatan apung                                                |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  | 3.320  | Kepala Jembatan/Pilar                 | 4.321  | Balok Fondasi                                                          |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.322  | Dinding kepala jembatan / pilar                                        |           |                     |        |  |               |   | 0 | 0 | 0 | 0             | 0 | 0 | 0 | 0  | 0 | 0 | 0 |   |   |
|        |                                  |        |                                       | 4.323  | Balok Kepala Jembatan/Pilar                                            |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.324  | Struktur pengaku                                                       |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.325  | Sambungan kepala jembatan / pilar                                      |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.326  | Perkuatan bangunan bawah                                               |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
| 4.327  | Drainase Kepala jembatan / pilar |        |                                       |        |                                                                        |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
| 2.400  | Bangunan Atas                    | 3.410  | Sistem Gelagar                        | 4.411  | Gelagar utama                                                          |           |                     |        |  |               |   |   | 0 | 0 | 0             | 0 | 0 | 0 | 0  | 0 | 0 |   |   |   |
|        |                                  |        |                                       | 4.412  | Diaphragma                                                             |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.413  | Pengaku gelagar baja                                                   |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.414  | Perkuatan gelagar                                                      |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.415  | Sambungan gelagar                                                      |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.416  | Drainase Gelagar                                                       |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  | 3.420  | Jembatan Pelat                        | 4.421  | pelat beton bertulang                                                  |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.422  | Pelat beton pracetak uratekan                                          |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.423  | Kabel prategang melintang                                              |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.424  | Shear key (sambungan antar pelat beton pracetak pratekan - flat slab.) |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.425  | Perkuatan Jembatan Pelat                                               |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.426  | Drainase Jembatan Pelat                                                |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  | 3.430  | Pelengkung                            | 4.431  | Pelengkung                                                             |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.432  | Dinding pelengkung                                                     |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.433  | Perkuatan pelengkung                                                   |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  |        |                                       | 4.434  | Drainase Pelengkung                                                    |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
| 3.440  | Balok Pelengkung                 | 4.441  | balok pelengkung                      |        |                                                                        |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |
|        |                                  | 4.442  | Pengaku Balok Pelengkung              |        |                                                                        |           |                     |        |  |               |   |   |   |   |               |   |   |   |    |   |   |   |   |   |

| LEVEL 3 |                                             | Nilai Kondisi |   |   |   |   |    |
|---------|---------------------------------------------|---------------|---|---|---|---|----|
| Kode    | Elemen                                      | S             | R | K | F | P | NK |
| 3.110   | Perkerasan Jalan Pendekat                   | 0             | 0 | 0 | 0 | 0 | -  |
| 3.120   | Tanah Timbunan                              |               |   |   |   |   | -  |
| 3.130   | Struktur Penahan Tanah Jalan Pendekat       | 0             | 0 | 0 | 0 | 0 | -  |
| 3.140   | Pengaman lalu-lintas                        |               |   |   |   |   | -  |
| 3.210   | Aliran Sungai                               | 0             | 1 | 0 | 0 | 0 | 1  |
| 3.220   | Bangunan Pengaman                           | 0             | 1 | 0 | 0 | 0 | 1  |
| 3.310   | Fondasi                                     | 0             | 0 | 0 | 0 | 0 | -  |
| 3.320   | Kepala Jembatan/Pilar                       | 0             | 0 | 0 | 0 | 0 | -  |
| 3.410   | Sistem Gelagar                              | 0             | 0 | 0 | 0 | 0 | -  |
| 3.420   | Jembatan Pelat                              |               |   |   |   |   | -  |
| 3.430   | Pelengkung                                  |               |   |   |   |   | -  |
| 3.440   | Balok Pelengkung                            |               |   |   |   |   | -  |
| 3.450   | Rangka                                      |               |   |   |   |   | -  |
| 3.460   | Jembatan Beruji Kabel (Cable-Stayed)        |               |   |   |   |   | -  |
| 3.470   | Jembatan Gantung                            |               |   |   |   |   | -  |
| 3.480   | Pilon                                       |               |   |   |   |   | -  |
| 3.490   | Gelagar Boks                                |               |   |   |   |   | -  |
| 3.500   | Sistem Lantai                               | 0             | 0 | 0 | 0 | 0 | -  |
| 3.600   | Sambungan / Siar muai                       | 0             | 0 | 0 | 0 | 0 | -  |
| 3.610   | Perletakan                                  | 0             | 0 | 0 | 0 | 0 | -  |
| 3.620   | Pengaman Pengguna Jalan                     | 0             | 0 | 0 | 0 | 0 | -  |
| 3.630   | Perlengkapan Aerodinamik Jembatan           |               |   |   |   |   | -  |
| 3.710   | Perlengkapan Umum                           | 0             | 0 | 0 | 0 | 0 | -  |
| 3.720   | Penerangan                                  |               |   |   |   |   | -  |
| 3.730   | Utilitas                                    |               |   |   |   |   | -  |
| 3.740   | Pengaman struktur dan lingkungan            |               |   |   |   |   | -  |
| 3.750   | SMKS (Sistem Monitoring Kesehatan Jembatan) |               |   |   |   |   | -  |
| 3.760   | Perlengkapan Jembatan Gerak/movable bridge  |               |   |   |   |   | -  |
| 3.770   | Fasilitas Pemeriksaan Tetap                 |               |   |   |   |   | -  |
| 3.810   | Tanah di dalam struktur Gorong-gorong       |               |   |   |   |   | -  |
| 3.820   | Gorong - gorong persegi Boks                |               |   |   |   |   | -  |
| 3.830   | Gorong- gorong pipa                         |               |   |   |   |   | -  |
| 3.840   | Gorong - gorong Pelengkung Baja Gelombang   |               |   |   |   |   | -  |
| 3.850   | Struktur Pendukung Gorong-gorong            |               |   |   |   |   | -  |
| 3.860   | Perkuatan gorong - gorong                   |               |   |   |   |   | -  |
| 3.910   | Lintasan dengan perkerasan                  |               |   |   |   |   | -  |
| 3.920   | Lintasan alam (tanpa perkerasan)            |               |   |   |   |   | -  |
| 3.930   | Lintasan dengan struktur semi - permanen    |               |   |   |   |   | -  |

| LEVEL 2 |                         | Nilai Kondisi |   |   |   |   |    |
|---------|-------------------------|---------------|---|---|---|---|----|
| Kode    | Elemen                  | S             | R | K | F | P | NK |
| 2.100   | Jalan Pendekat          |               |   |   |   |   | -  |
| 2.200   | Aliran Sungai           | 0             | 1 | 0 | 0 | 0 | 1  |
| 2.300   | Bangunan Bawah          | 0             | 0 | 0 | 0 | 0 | -  |
| 2.400   | Bangunan Atas           | 0             | 0 | 0 | 0 | 0 | -  |
| 2.700   | Perlengkapan            |               |   |   |   |   | -  |
| 2.800   | Gorong-gorong           |               |   |   |   |   | -  |
| 2.900   | Struktur Lintasan Basah |               |   |   |   |   | -  |

| LEVEL 1 |          | Nilai Kondisi |   |   |   |   |    |
|---------|----------|---------------|---|---|---|---|----|
| Kode    | Elemen   | S             | R | K | F | P | NK |
| 1.000   | Jembatan | 0             | 0 | 0 | 0 | 0 | -  |

| Elemen |                                              | Elemen                                            |                                             | Elemen                                                 |                                       | Kerusakan                        |                     | Lokasi |       |   | Level 5 |   |   |   |   | Level 4 |   |    |   |   |   |   |   |    |   |
|--------|----------------------------------------------|---------------------------------------------------|---------------------------------------------|--------------------------------------------------------|---------------------------------------|----------------------------------|---------------------|--------|-------|---|---------|---|---|---|---|---------|---|----|---|---|---|---|---|----|---|
| Kode   | Uraian Level 2<br>(pilihan)                  | Kode                                              | Uraian Level 3<br>(pilihan)                 | Kode                                                   | Uraian<br>(pilihan)                   | Kode                             | Uraian<br>(pilihan) |        | A/P/B | X | Y       | Z | S | R | K | F       | P | NK | S | R | K | F | P | NK |   |
|        |                                              |                                                   |                                             | 4.443                                                  | Sambungan Balok Pelengkung            |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              |                                                   |                                             | 4.444                                                  | Balok Pelengkung Rangka Baja          |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              |                                                   |                                             | 4.445                                                  | Pengantungan Rangka Baja              |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              |                                                   |                                             | 4.446                                                  | Perkuatan Balok Pelengkung            |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.447                                             | Drainase Balok Pelengkung                   |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 3.450                                             | Rangka                                      | 4.451                                                  | Rangka Jembatan Panel                 |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.451                                             |                                             | Rangka Jembatan Panel                                  |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.452                                             |                                             | Sambungan Rangka Jembatan Panel                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.453                                             |                                             | Struktur Rangka                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.454                                             |                                             | Pengaku Rangka                                         |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.455                                             |                                             | Sambungan Rangka Baja                                  |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.456                                             |                                             | Perkuatan Jembatan Rangka                              |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.457                                             |                                             | Drainase Rangka                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 3.460                                             | Jembatan - Beruji - Kabel<br>(Cable-stayed) | 4.461                                                  | Sistem Kabel Jembatan-Beruji-Kabel    |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.462                                             |                                             | Sistem Penahan Kabel Jembatan-beruji-kabel             |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.463                                             |                                             | Gelagar Melintang Jembatan Beruji Kabel (Cable stayed) |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.464                                             |                                             | Perkuatan Jembatan Beruji Kabel (Cable stayed)         |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 3.470                                             | Jembatan Gantung                            | 4.471                                                  | Sistem Kabel Jembatan Gantung         |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.472                                             |                                             | Batang Penggantung Jembatan Gantung                    |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.473                                             |                                             | Pengaku Jembatan Gantung                               |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.474                                             |                                             | Sistem penahan Kabel Jembatan Gantung                  |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.475                                             |                                             | Perkuatan Jembatan Gantung                             |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.486                                             |                                             | sadel pylon                                            |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.487                                             |                                             | balok melintang                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.488                                             |                                             | ikatan angin bawah                                     |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.489                                             |                                             | gantung/ sambungan                                     |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 3.480                                             | Pilon                                       | 4.481                                                  | Struktur Pilon                        |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.482                                             |                                             | Penahan Kabel di Pilon                                 |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.483                                             |                                             | Pilon Baja                                             |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.484                                             |                                             | Sambungan Pilon Baja                                   |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.485                                             |                                             | Perkuatan Pilon                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.486                                             |                                             | Drainase pilon                                         |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 3.490                                             | Gelagar Boks                                | 4.491                                                  | Struktur Gelagar Boks                 |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.492                                             |                                             | Pengaku gelagar boks                                   |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.493                                             |                                             | Sambungan Gelagar Boks                                 |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.494                                             |                                             | Prategang Eksternal dalam gelagar boks                 |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.495                                             |                                             | Perkuatan gelagar boks                                 |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.496                                             |                                             | Drainase Gelagar Boks                                  |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 3.500                                             |                                             | Sistem Lantai                                          | 4.511                                 | Struktur Lantai                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.512                                             | Pemangga Sistem Lantai                      |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   | 0 | 0       | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0  | 0 |
|        |                                              | 4.513                                             | Trottoir dan kerb                           |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   | 0 | 0       | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0  | 0 |
|        |                                              | 4.514                                             | Lapis Permukaan Sistem Lantai               |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   | 0 | 0       | 0 | 0  | 0 | 0 | 0 | 0 | 0 | 0  | 0 |
|        |                                              | 4.515                                             | Perkuatan Sistem Lantai                     |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.516                                             | Link Slab                                   |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 4.517                                             | Drainase Lantai                             |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              | 3.600                                             | Sambungan/Siar Muai                         | 4.601                                                  | Sambungan/Siar Muai Baja (tipe ganda) |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
| 4.602  | Sambungan/Siar Muai Baja Siku Profil Terbuka |                                                   |                                             |                                                        |                                       |                                  |                     |        |       |   |         |   | 0 | 0 | 0 | 0       | 0 | 0  | 0 | 0 | 0 | 0 | 0 |    |   |
| 3.610  | Landasan/Perletakan                          | 4.611                                             | Landasan                                    |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
| 4.612  |                                              | Poredam Pasif/Damping Struktur                    |                                             |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
| 4.613  |                                              | Poredam Aktif Struktur                            |                                             |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
| 4.614  |                                              | Pendukung landasan                                |                                             |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
| 4.615  |                                              | Penahan pergerakan landasan                       |                                             |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
| 4.616  |                                              | Ikatan / Perletakan Lainnya                       |                                             |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
| 3.620  | Pengaman Pengguna Jalan                      | 4.621                                             | Struktur Sandaran Railing                   |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
| 4.622  |                                              | Struktur tembok                                   |                                             |                                                        |                                       |                                  |                     |        |       |   |         |   | 0 | 0 | 0 | 0       | 0 | 0  | 0 | 0 | 0 | 0 |   |    |   |
| 4.623  |                                              | Pembatas lainnya                                  |                                             |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
| 3.630  | Perlengkapan Aerodinamik Jembatan            | 4.631                                             | Perlengkapan Aerodinamik Bangunan Atas      |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
| 4.632  |                                              | Perlengkapan Aerodinamik Permukaan Kabel Jembatan |                                             |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
| 4.633  |                                              | Wind Barrier                                      |                                             |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
| 2.700  |                                              | Perlengkapan                                      | 3.710                                       | Perlengkapan Umum                                      | 4.711                                 | Perangkat Pengendali Lalu Lintas |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
| 4.712  | Penanda Jembatan                             |                                                   |                                             |                                                        |                                       |                                  |                     |        |       |   |         |   |   | 0 | 0 | 0       | 0 | 0  | 0 | 0 | 0 | 0 |   |    |   |
| 4.713  | Penunjang Perlengkapan                       |                                                   |                                             |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
| 4.714  | Struktur Penutup Jembatan                    |                                                   |                                             |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
| 4.715  | Pendukung sandaran / median                  |                                                   |                                             |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
| 4.721  | Sistem penerangan                            |                                                   |                                             |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
| 3.720  | Penerangan                                   |                                                   | 4.721                                       | Sistem penerangan                                      |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              |                                                   |                                             |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              |                                                   |                                             |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |
|        |                                              |                                                   |                                             |                                                        |                                       |                                  |                     |        |       |   |         |   |   |   |   |         |   |    |   |   |   |   |   |    |   |

| LEVEL 3 |        | Nilai<br>Kondisi |   |   |   |   |    |
|---------|--------|------------------|---|---|---|---|----|
| Kode    | Elemen | S                | R | K | F | P | NK |

| Elemen |                          | Elemen |                                               | Elemen |                                                    | Kerusakan |                  | Lokasi        |   | Level 5 |   |   |               |   | Level 4 |   |    |   |   |   |   |   |    |  |  |  |
|--------|--------------------------|--------|-----------------------------------------------|--------|----------------------------------------------------|-----------|------------------|---------------|---|---------|---|---|---------------|---|---------|---|----|---|---|---|---|---|----|--|--|--|
| Kode   | Uraian Level 2 (pilihan) | Kode   | Uraian Level 3 (pilihan)                      | Kode   | Uraian (pilihan)                                   | Kode      | Uraian (pilihan) | Nilai Kondisi |   |         |   |   | Nilai Kondisi |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               |        |                                                    |           |                  | A/P/B         | X | Y       | Z | S | R             | K | F       | P | NK | S | R | K | F | P | NK |  |  |  |
|        |                          | 3,730  | Utilitas                                      | 4,722  | Struktur Tiang Pengaman                            |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,723  | Pembiang Penerangan                                |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,731  | Utilitas Kabel Listrik                             |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,732  | Utilitas Pipa Air Minum                            |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,733  | Utilitas Kabel Telekomunikasi                      |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 7,734  | Utilitas Pipa Air Kotor                            |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,735  | Utilitas Pipa Pembawa Bahan Energi lainnya         |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 7,736  | Sambungan utilitas                                 |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,737  | Dudukan utilitas                                   |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          | 3,740  | Pengaman Struktur dan Jalan Lingkungan        | 4,741  | Perangkat Pengendali Kelembaban                    |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,742  | Perangkat Penangkal Petir                          |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,743  | Perangkat Perlindungan Korosi dan Biota Laut       |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,744  | Lubang Ventilasi                                   |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,745  | Penutup Lubang Ventilasi                           |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          | 3,750  | SMKS (Sistem Monitoring Kesehatan Jembatan)   | 4,751  | Sensor Struktur                                    |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,752  | Perangkat Pengukur Beban Kendaraan                 |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,753  | Sensor pengukur Beban Kendaraan                    |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,754  | Pendukung lainnya                                  |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          | 3,760  | Perlengkapan Jembatan Gerak / moveable bridge | 4,755  | Perangkat Pemalut Data                             |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,761  | Sistem penggerak fungsional                        |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,762  | Sistem Elektrik                                    |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,763  | Sistem Hidrolik                                    |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          | 3,770  | Fasilitas Pemeriksaan Tetap                   | 4,764  | Sistem Mekanis                                     |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,771  | Tangga / Platform Pemeriksaan                      |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,772  | Lubang Masuk (gelagar, kolom)                      |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,773  | Traveler                                           |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               |        |                                                    |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
| 2.800  | gorong - gorong          | 3,810  | Tanah di dalam struktur Gorong - gorong       | 4,811  | Tanah timbunan di atas gorong - gorong             |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,812  | Tanah dasar di bawah struktur gorong - gorong      |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               |        |                                                    |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          | 3,820  | Gorong - gorong Persegi Boks                  | 4,821  | Dinding Tegak                                      |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,822  | Pelat Bawah                                        |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,823  | Pelat Atas                                         |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,824  | Drainase Gorong - gorong Persegi Boks              |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          | 3,830  | Gorong - gorong Pipa                          | 4,831  | Dinding penahan tanah timbunan                     |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,832  | Drainase Gorong - gorong Pipa                      |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               |        |                                                    |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,841  | Pelat Baja Gelombang                               |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        | Gorong - gorong Pelengkung Baja Gelombang     | 4,842  | Sambungan / Baut pengikat Fondasi / Pelat Beton    |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,843  | Dudukan Pelengkung Baja Gelombang                  |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,844  | Drainase Gorong gorong Pelengkung Baja Bergeombang |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          | 3,850  | Struktur Pendukung Gorong - gorong            | 4,851  | Tembok Sayap                                       |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,852  | Tembok Kepala (Head wall) Gorong-gorong            |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,853  | Tembok Bawah (Drop wall) Gorong-gorong             |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,854  | Apron                                              |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          | 3,860  | Perkuatan Gorong - gorong                     | 4,861  | Perkuatan dengan Lapisan Beton Tambahan            |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,862  | Perkuatan dengan FRP                               |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          |        |                                               | 4,863  | Perkuatan dengan Lapisan Baja Tambahan             |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
| 2.900  | Struktur Lintasan B      | 3,910  | Lintasan dengan Perkerasan                    |        |                                                    |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          | 3,920  | Lintasan Alam (tanpa perkerasan)              |        |                                                    |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |
|        |                          | 3,930  | Lintasan dengan struktur semi - permanen      |        |                                                    |           |                  |               |   |         |   |   |               |   |         |   |    |   |   |   |   |   |    |  |  |  |

| LEVEL 3 |        | Nilai Kondisi |   |   |   |    |
|---------|--------|---------------|---|---|---|----|
| Kode    | Elemen | S             | R | K | F | NK |



**PEMERINTAH KOTA SEMARANG**  
**DINAS PEKERJAAN UMUM**

JL. MADUKORO RAYA NO. 7, TELP. (024) 76433969, FAX. (024) 76433969 KOTA SEMARANG

**NO. JEMBATAN**

:

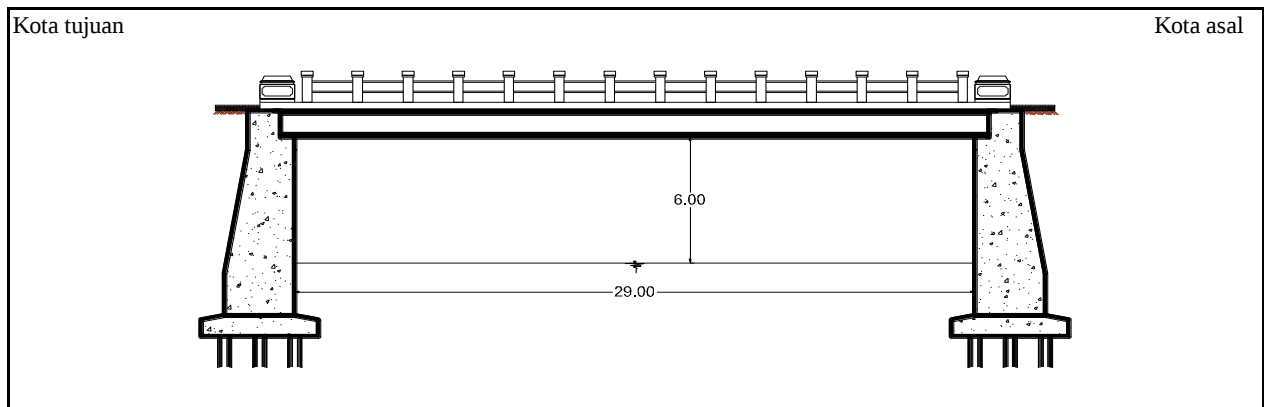
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|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| KT | 3 | 3 | 0 | 7 | 4 | 1 | 0 | 0 | 0 | 3 | 2 | 0 | 0 | 1 | 0 |
|----|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

**NAMA JEMBATAN**

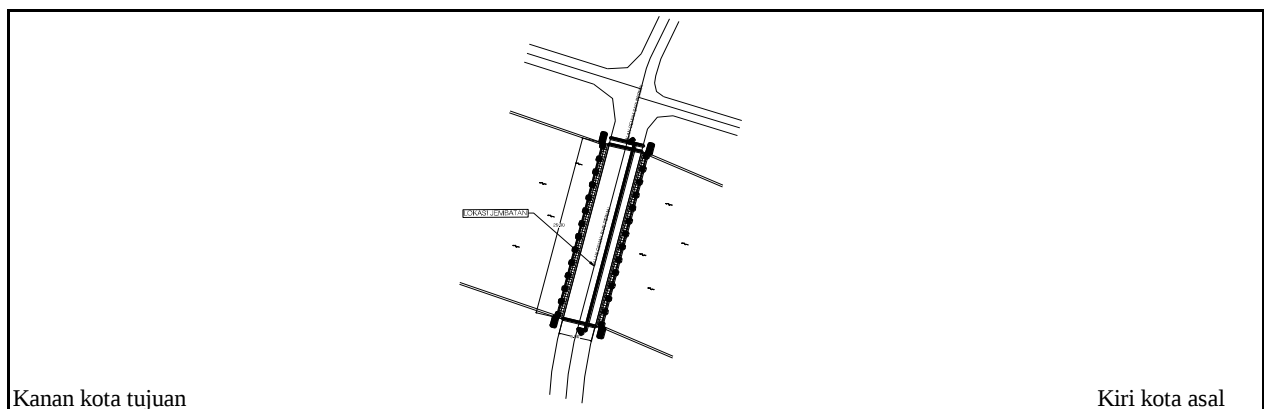
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BLIBES

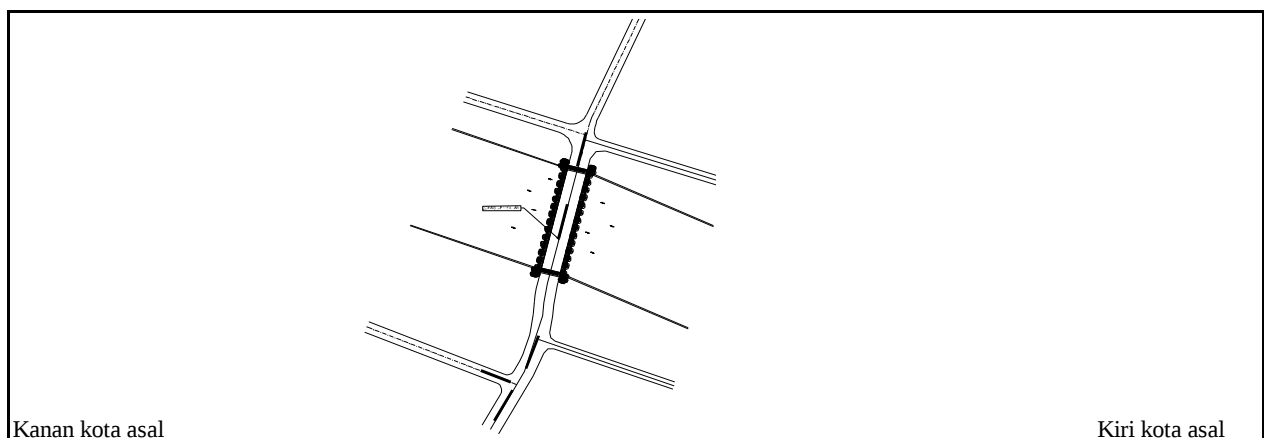
**POTONGAN MEMANJANG**



**TAMPAK ATAS**



**SITUASI**





**PEMERINTAH KOTA SEMARANG**  
**DINAS PEKERJAAN UMUM**

JL. MADUKORO RAYA NO. 7, TELP. (024) 76433969, FAX. (024) 76433969 KOTA SEMARANG



**TAMPAK MEMANJANG**



**TAMPAK MEMANJANG**



**TAMPAK MELINTANG**



**TAMPAK MELINTANG**

| NOMOR JEMBATAN        | NAMA JEMBATAN | LOKASI (Km) | PANJANG (M) |
|-----------------------|---------------|-------------|-------------|
| KT.33.074.10.0032.001 | BLIBES        | 0+160       | 29.00       |



**PEMERINTAH KOTA SEMARANG**  
**DINAS PEKERJAAN UMUM**

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**KONDISI BANGUNAN BAWAH**



**KONDISI LAPISAN PERMUKAAN LANTAI**



**KONDISI ALIRAN SUNGAI**



**PAPAN NAMA JEMBATAN / PRASASTI**

| NOMOR JEMBATAN        | NAMA JEMBATAN | LOKASI (Km) | PANJANG (M) |
|-----------------------|---------------|-------------|-------------|
| KT.33.074.10.0032.001 | BLIBES        | 0+160       | 29.00       |