

DAFTAR ISI

PERNYATAAN AUTENTISITAS.....	Error! Bookmark not defined.
LEMBAR PERSETUJUAN	Error! Bookmark not defined.
LEMBAR PENGESAHAN.....	Error! Bookmark not defined.
KATA PENGANTAR.....	Error! Bookmark not defined.
ABSTRAK.....	Error! Bookmark not defined.
DAFTAR ISI.....	i
DAFTAR GAMBAR.....	Error! Bookmark not defined.
DAFTAR SIMBOL.....	Error! Bookmark not defined.
DAFTAR NOTASI	Error! Bookmark not defined.
HURUF YUNANI	Error! Bookmark not defined.
SIMBOL MATEMATIS.....	Error! Bookmark not defined.
BAB I.....	Error! Bookmark not defined.
PENDAHULUAN	Error! Bookmark not defined.
1.1 Latar Belakang	Error! Bookmark not defined.
1.2 Rumusan Masalah.....	Error! Bookmark not defined.
1.3 Batasan Masalah.....	Error! Bookmark not defined.
1.4 Tujuan Penelitian.....	Error! Bookmark not defined.
1.5 Manfaat Penelitian.....	Error! Bookmark not defined.
BAB II	Error! Bookmark not defined.
TINJAUAN PUSTAKA.....	Error! Bookmark not defined.
2.1 Tinjauan Umum.....	Error! Bookmark not defined.
2.2 Gambaran Umum Kabupaten Sampang.....	Error! Bookmark not defined.
2.3 Profil Jalan Makbul.....	Error! Bookmark not defined.
2.4 Kriteria Desain Jembatan Menurut Direktorat Bina Teknik dalam Pasal Pokok-pokok Perencanaan	Error! Bookmark not defined.
2.5 Sistem Pelat Dua Arah (<i>Two Way Slab System</i>).....	Error! Bookmark not defined.
2.5.1 Metode Perencanaan Langsung (<i>Direct Design Method/DDM</i>).....	Error! Bookmark not defined.

2.5.2	Metode Portal Ekuivalen (<i>Equivalent Frame Method/EFM</i>) ..	Error! Bookmark not defined.
2.6	Pembebanan Jembatan Menurut RSNI T-02-2005	Error! Bookmark not defined.
2.7	Aksi dan Beban Tetap.....	Error! Bookmark not defined.
2.7.1	Berat Sendiri.....	Error! Bookmark not defined.
2.7.2	Beban Mati Tambahan/Utilitas	Error! Bookmark not defined.
2.7.3	Pengaruh Penyusutan dan Rangkak.	Error! Bookmark not defined.
2.7.4	Tekanan Tanah	Error! Bookmark not defined.
2.7.5	Pengaruh Tetap Pelaksanaan.....	Error! Bookmark not defined.
2.8	Beban Lalu Lintas.....	Error! Bookmark not defined.
2.8.1	Beban Lajur "D"	Error! Bookmark not defined.
2.8.2	Pembebanan Truk "T".....	Error! Bookmark not defined.
2.8.3	Faktor Beban Dinamis	Error! Bookmark not defined.
2.9	Gaya Rem.....	Error! Bookmark not defined.
2.10	Gaya Sentrifugal.....	Error! Bookmark not defined.
2.11	Aksi Lingkungan	Error! Bookmark not defined.
2.11.1	Pengaruh Temperatur/Suhu.....	Error! Bookmark not defined.
2.11.2	Beban Angin.....	Error! Bookmark not defined.
2.11.3	Pengaruh Gempa	Error! Bookmark not defined.
BAB III.....		Error! Bookmark not defined.
METODOLOGI PENELITIAN.....		Error! Bookmark not defined.
3.1	Rancangan Penelitian.....	Error! Bookmark not defined.
3.1.1	Variabel Bebas (Faktor).....	Error! Bookmark not defined.
3.1.2	Variabel Terikat (Respon).....	Error! Bookmark not defined.
3.1.3	Variabel Tetap	Error! Bookmark not defined.
3.2	Data Lapangan (Jalan Makbul)	Error! Bookmark not defined.
3.2.1	Data Geometri	Error! Bookmark not defined.
3.2.2	Data Topografi	Error! Bookmark not defined.
3.2.3	Data Hidrologi.....	Error! Bookmark not defined.

3.3	Prosedur Penelitian	Error! Bookmark not defined.
3.3.1	Desain dan Perencanaan Struktur <i>Pile Slab</i>	Error! Bookmark not defined.
3.3.2	Analisis Mekanika Teknik	Error! Bookmark not defined.
3.3.3	Perhitungan Rencana Anggaran Biaya	Error! Bookmark not defined.
3.4	Diagram Alir Penelitian	Error! Bookmark not defined.
BAB IV		Error! Bookmark not defined.
ANALISIS DAN PEMBAHASAN		Error! Bookmark not defined.
4.1	Geometri <i>Pile Slab</i>	Error! Bookmark not defined.
4.1.1	Penentuan Geometris <i>Pile Slab</i> untuk Segmen Pelat 8 m dan Diameter Tiang 0,5 m	Error! Bookmark not defined.
4.1.2	Penentuan Baris Kolom untuk Portal pada Segmen Pelat 8 m dan Diameter Tiang 0,5 m	Error! Bookmark not defined.
4.2	Mutu-mutu Bahan dan Berat Jenis	Error! Bookmark not defined.
4.3	Perhitungan Portal Ekuivalen	Error! Bookmark not defined.
4.3.1	Penentuan Lebar Jalur Kolom (l_{jk}) dan Lebar Panel (l_{jp})	Error! Bookmark not defined.
4.3.2	Analisis Kekakuan Lentur Kolom Ekuivalen (K_{ek})	Error! Bookmark not defined.
4.4	Analisis Pembebanan	Error! Bookmark not defined.
4.4.1	Analisis Pembebanan Portal Melintang K H E B untuk Segmen Pelat 8 m dan Diameter Pilar 0,5 m	Error! Bookmark not defined.
A.	Berat Sendiri (M_S)	Error! Bookmark not defined.
B.	Beban Mati Tambahan (M_A)	Error! Bookmark not defined.
C.	Beban Truk "T" (T_T)	Error! Bookmark not defined.
D.	Pengaruh Temperatur (E_T)	Error! Bookmark not defined.
E.	Beban-beban yang Berkenaan dengan Trotoar	Error! Bookmark not defined.

4.4.2	Analisis Pembebanan Portal Memanjang G H I untuk Segmen Pelat 8 m dan Diameter Pilar 0,5 m.....	Error! Bookmark not defined.
A.	Berat Sendiri (M_S).....	Error! Bookmark not defined.
B.	Beban Mati Tambahan (M_A).....	Error! Bookmark not defined.
C.	Beban Truk "T" (T_T).....	Error! Bookmark not defined.
D.	Pengaruh Temperatur (E_T).....	Error! Bookmark not defined.
4.5	Hasil Analisis	Error! Bookmark not defined.
4.6	Perhitungan Kebutuhan Tulangan Pelat.....	Error! Bookmark not defined.
4.6.1	Kebutuhan Tulangan Portal Melintang K H E	Error! Bookmark not defined.
4.6.2	Kebutuhan Tulangan Portal Memanjang G H I	Error! Bookmark not defined.
4.6.3	Rekapitulasi Kebutuhan Tulangan Seluruh Portal	Error! Bookmark not defined.
4.6.4	Contoh Penggambaran Model Penulangan	Error! Bookmark not defined.
4.7	Perhitungan Volume Pekerjaan Beton Bertulang	Error! Bookmark not defined.
4.7.1	Analisis Volume Kebutuhan Besi Tulangan BJ 39 Ulir untuk Pelat dengan Panjang Segmen 8 m dan Diameter Pilar 0,5 m	Error! Bookmark not defined.
4.7.2	Analisis Volume Kebutuhan Beton Mutu Sedang K 350 untuk Pelat dengan Panjang Segmen 8 m dan Diameter Pilar 0,5 m	Error! Bookmark not defined.
4.8	Biaya Konstruksi	Error! Bookmark not defined.
BAB V.....		Error! Bookmark not defined.
SIMPULAN DAN SARAN		Error! Bookmark not defined.
5.1	Simpulan	Error! Bookmark not defined.
5.2	Saran	Error! Bookmark not defined.
DAFTAR PUSTAKA.....		Error! Bookmark not defined.
LAMPIRAN A		Error! Bookmark not defined.

LAMPIRAN B Error! Bookmark not defined.

