

LEMBAR PENGESAHAN

TUGAS AKHIR

**PENGARUH LONGSORAN LERENG BUKIT SIMPUR
DAN ALIRAN SUNGAI MANNA TERHADAP
JALAN PAGAR ALAM-BATAS BENGKULU
SUMATERA SELATAN**

Disusun oleh:

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Telah diperiksa dan disetujui oleh :

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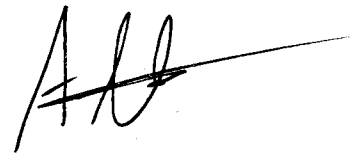
Dosen Pembimbing I



Tanggal : 12-3-2004.

Ir. Akhmad Marzuko, MT

Dosen Pembimbing II



Tanggal : 12.3.2004

MOTTO

- ◆ Ilmu itu lebih baik daripada harta. Ilmu akan menjagamu, sedangkan harta harus engkau jaga. Harta itu akan terkikis habis dan penumpuk harta akan lenyap bersamaan dengan habisnya kekayaan. (Ali bin Abi Thalib r.a)

- ◆ Orang yang berakal adalah yang ingat mati dan tidak pernah melupakan kehidupan. (pepatah)

- ◆ Ilmu ibarat emas, di tempat manapun ia mantap (berharga).

(pepatah)

HALAMAN PERSEMBAHAN

I would like to dedicate this final report to :

My parents..Bapak Sumarsono you're so wonderful and always understood..Ibu Siti Maryam you're so good and make life easy..**My sister**..Mbak Meinar you're my best sister I ever had. I can't thank you enough for continued love, best wishes and all you have done for me. **Zaenal Asikin** family thank you for everything. **Mas Dedy 'bdg'**.. thank you for your spirit.

Jeruk 10 Family..*Bapak and Ibu Sugiarto* thank you for your kindness, *Mas Asran, Mbak Retno, Mbak Titi, Mbak Dewi, De'Rehan, De'Cinta* its great having such along story with you.

My Special Friends (F5)..♥ *Ana, ST~thank you for your private guidance*♥ *Dewi, ST~thank you for 2nd TA studio and 'unic song'*♥ *Fita, ST ~your information so perfectly my finally report* ♥ *Annie (finally. ST)~I'm glad you make a great team and please speak clearly!*
Thank you for your continued friendship.

Civil UII..•Danny 'smg'~gone but not forgotten (disk)•Rima & family~thank you for all the sweet times•Lika~thank you for 4th studio•Philoen~(sod) what about film? Thank you for spending time on my final examination•Saphoy~it's secret •Ari'Maos'~Thank you for 3rd TA studio and 'sin'•Qoqo (sitong)~Thank you for spending time on my final examination and 'crossroad'•Toni~call me 'mbak' •Dani~thank you for your question•Dedy R~thank you for pick me up•Pila~what about fax?•R-van~thank you for supporting me and 'misscall'•Agung 'lupis'~Thank you for spending time on my final

examination ● Ime ~ your dreams come true? ● Ranny ~ thank you for your 'camera' ● Ainun ~ finally 'mimi' ST ● Iyien and Nophiet ~ we're really 'model' ● Oce ~ you're good teacher ● Phaxde ~ thank you for MRSS software ● Piet, Andre Faisal, sulis 'Prety', Heri 'lampung', Dyang, Ipin, Heru, Widi and Repi ~ thank you for sweet journeys ● Yanni ~ thank you for your night praying ● De'Fahmi (arab), Sam, Bambang 'f', Umar, Eka, Ivan, Apre, Guruh, Rini, Novi, Soni and Bembenk thank you for your support ● Wahyu ~ don't forget me ● Sadat ~ Thank you for spending time on my final examination.

S2 Community.. *Mbak Ratih, Mas Anto* thank you for your help. *Haikal, Ami, Surya, Fiza, Mas Iwan, Daus* and *Khalis* thank you for looking for stability Software.

"Wiwit you're my bosom friend thank you for everything" *Lylies* finally I could get 'final examination' thank you for our relationship" *Luvi* you owe me one candle light dinner *"Bambang 'ABG'* the best for you *"De'ical & family* i appreciate all you have done for me *"Selvi 'popeye'* thank you for preparing snack *"Widi* thank you for UPN library card *"Singgih* you're really good bodyguard *"Dedy 'punk'* thank you for 'piano private' *"Mas Ody* better late than never? *"Anderes* thanks for getting me up *"Eno 'amric'* invite me to your 'country' *"Yuwati* thank you for everything *"Dear laundry* community, *Narto* and *Sandy* thank you for supporting me.

Arabian Village.. ★ *Susan* our friendship is very special and will always be ★ *Maria* ★ *Fitriyah* ★ *Evi* ★ *Iman* ★ *Huda* ★ *Lia (java)* ★ *Farhanah* ★ *Manaal*. Thank you for all the time

HALAMAN PERSEMBAHAN

I would like to dedicate this final report to :

Ibu & bapak, I could never repay you for all you've done for me, your love & support is priceless, thanks a million... All my lovely sisters *mba no, mba tie, & mba wie* for your advice, love & support, finally 'your cute little sister' become a ST.. All my great brothers *mz Asran* thanks for giving us sweets '*Rehan & Cinta*' & *mz Kus* for '*dd dita*'... *Big family of Klaten*, thank you I'm so proud to be part of this family. I would like to dedicate this 'TA' to you & *the loving memory of grandma*...

Pak Sumarsono, mba Mei, mz Dedy & all Lina's family thanks for everything & especially *bu Siti Maryam*, you know how grateful I am for all the advice, guidance, love & support, you've been like mum to me..

F5 : *Lina* my sweet exceptional 'TA' friend, we always be mate friend, please be more serious, girl! *Dewi* thanks for 2nd studio, your song & dance, think bout new style :D. *Fita* thanks for 'TA' experiences, you look mature now. *Ana* your support makes this all possible for me, yes we're strong girls as 'baja'.

Sam thanks for everything whether materially or morally, especially 'the comp'. *Rosy'dhana*' my great friend, thanks for helping to pursue my dreams.

Rima thanks for encourage me, now I know how to face a lecturer. *Yuwati* thanks for sharing your experiences, you're a good advicer.

Piloen thanks for 'dunia ndalem', I'm a good artist, aren't I? *Koko* you're really my nice friend, I'm glad to know you. *Ari maos* thanks for 3rd studio & key room. *Nophiet* thanks for your nice friendship, away from you force me to grow up. *Lika* thanks for 4th studio, how do you do? *Winda butil* thanks

KATA PENGANTAR

Assalamu'alaikum wr. wb.

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Tugas Akhir ini disusun untuk melengkapi syarat memperoleh jenjang kesarjanaan Strata 1 (S1) pada Jurusan Teknik Sipil Fakultas Teknik Sipil dan Perencanaan Universitas Islam Indonesia.

Dalam penyusunan Tugas Akhir ini penulis tidak terlepas dari bimbingan dan bantuan beberapa pihak, pada kesempatan ini penulis ingin mengucapkan dan memberikan penghargaan yang setinggi-tingginya kepada :

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Wassalamualaikum wr. wb.

Jogjakarta, Januari 2004

Penulis

