

BINTANG PRADITA JAYA

Surakarta, Central Java | Phone: 08991009564 | Email: bintangpraditajaya.30@gmail.com

https://www.linkedin.com/in/bintang-pradita-jaya-b57568219/

SUMMARY

Final year Civil Engineering Student of Sepuluh Nopember Institute of Technology. Hard worker and fast learner, interested in civil construction. Able to use several civil engineering software, like AutoCAD, SAP 2000, ETABS, Tekla Structure, and Revit Autodesk. Able to work as a team and individually also able to work under pressure and easily adapt to new environments.

EDUCATION

Sebelas Maret University – Surakarta, Central Java

Jul 2018 - Jul 2021

Associate Degree in Civil Engineering (A.Md.T.) - GPA 3.69/4.00 (Cumlaude)

Final Project: Performance Evaluation of The Four Signalized Intersection of Jenderal Ahmad Yani – Kapten Piere Tendean – Tagore Street (Terminal Tirtonadi) Surakarta

Sepuluh Nopember Institute of Technology – Surabaya, East Java

Aug 2022 - Present

Bachelor of Applied Science in Civil Engineering (S.Tr.T.) – GPA 3.59/4.00

Thesis: Evaluation and Maintenance of Flexible Pavement of The National Road on The Surabaya – Mojokerto Section KM 33,8 – KM 38,4 and KM 41,8 – KM 44,2 KM Using Pavement Condition Index (PCI) Method and Bina Marga Method

PROFESIONAL EXPERIENCES

PT ERICSSON INDONESIA - Jakarta

Mar 2022 - Jun 2022

Integration Engineer - Indosat Ooredo Hutchison Jabodetabek Project Contract

• Involved in integrating telecommunication signals on BTS towers at the new site and generating reports after integration, also participated in weekly meetings regarding project progress and future plans

DINAS PEKERJAAN UMUM & PENATAAN RUANG – Sragen, Central Java

Civil Engineer Intern – Field Supervisor at Pucuk Bejing Bridge Project

Internship

• In charge of supervising 2 foremen and 20+ workers in executing projects according to the Detailed Engineering Design (DED)

ORGANIZATIONAL & VOLUNTEER EXPERIENCES

Semar Solid Team UNS – Civil Engineering UNS Competition Team *Head of Asphalt Division*

Jan 2020 - Dec 2020

• Led a team of 5 people in the division tasked with facilitating, guiding, and directing 200+ students interested in asphalt and transportation innovation competitions

Fondasi Days 2021 – Civil Engineering National Competition held by UNS Aug 2020 – Mar 2021 Coordinator of Public Relations

• Led a team of 6 staff in charge of licensing with relevant stakeholders and publishing with 20+ media partners, while also ensuring that staff performance can achieve targets

HIMPUNAN MAHASISWA – Himpunan Mahasiswa Diploma Sipil UNS

Staff of External Relation Department (2020)

Jan 2019 – Dec 2020

• In charge of establishing relationships with 10+ external organizations at the faculty level and on a regional scale, communicating with campus institutions regarding campus bureaucracy, and also building good relations with alumni

Staff of Talent Department (2019)

• Responsible for developing the potential of 200+ student human resources in the development of interests and talents

SKILLS

- Microsoft Office (Word, Excel, Powepoint,)
- Microsoft Project
- AutoCAD
- Tekla Structure (Beginner)
- Revit (Beginner)
- SAP 2000 (Beginner)
- ETABS (Beginner)

- English (TOEIC: 635, TEFL: 477)
- Leadership
- Problem Solving
- Communication
- Public Speaking
- Analytical Thinking

ACHIEVEMENT

2nd Winner National Concrete Innovation Competition

Oct 2019

Civil Engineering National Competition held by Bangka Belitung University

• 2nd place in the lightweight concrete innovation competition using waste materials, defeating 10+ teams from 4+ provinces

Associate Degree Final Project

(2021)

Performance Evaluation of The Four Signalized Intersection of Jenderal Ahmad Yani - Kapten Piere Tendean - Tagore Stree t (Terminal Tirtonadi) Surakarta

PERFORMANCE EVALUATION OF THE FOUR SIGNALIZED INTERSECTION OF JENDERAL AHMAD YANI - KAPTEN PIERE TENDEAN - TAGORE STREET (TERMINAL TIRTONADI) SURAKARTA

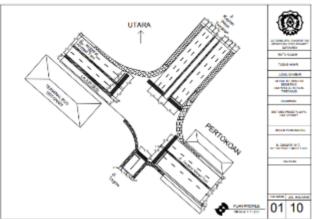
FINAL PROJECT

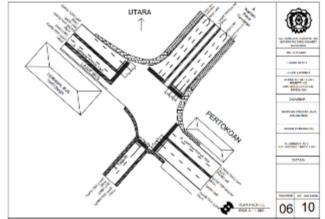
Written to Fulfill a Requirement for Obtaining an Associate Expert Degree (A.Md) in Vocational School Civil Engineering Undergraduate Study Program Sebelas Maret University, Surakarta



BINTANG PRADITA JAYA NIM. 18218007

CIVIL ENGINEERING UNDERGRADUATE STUDY PROGRAM VOCATIONAL SCHOOL SEBELAS MARET UNIVERSITY SURKARTA 2021

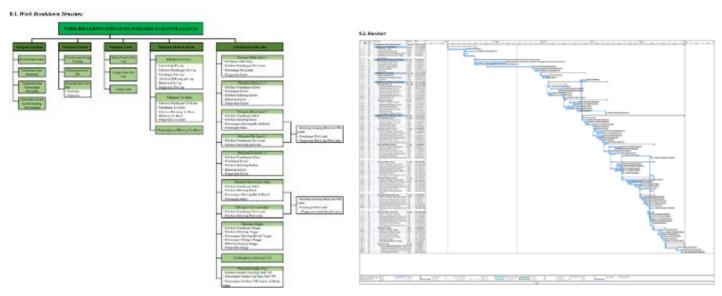




	Tabel 5.4 Tim	e Sc.	hedi	ıle i	Reset	ting !	Fasc	Siny	al dan	Per	ngeca	tan	Mar	ka J	alan																																		
				_		Dwasi	7.11																						3	121																			
Na.	No. Uraian Fekerjaan		Salam Salam		Harga Salum Peke		Total Harga		Bobot		llari Ke-																																						
					(Rp) (1			Rpi	(%)		1			2				3		4				5			\perp			6					7				8										
DIVE	SEL CONTON																																																
1	Mehisasi & Denobiisasi	1	ls.	Rp 1	34.90	2	Rp	1361590	- 1	66 023	80,235 (0	35 0,23			Ш	\perp	Ш			Ш	\perp			\perp		Ш	\perp		Ш				Ш		\perp			\perp	\Box		\perp	\perp						0,3	8 0,238 0,23
1	Administrasi & Dokumentasi	1	ls.	Ro	750,000	8	Rp	750,000	0	99 OG	ejn,nej (r	0,00	SCORE D	016 0,00	0,016 0,	D6 0,0	60016	0,006 0,	nej du	6 0,016	UK 0,	06 0,06	Q(46 <mark>0)</mark>	116 1,016	UH Q	15 0,016	NJ 16 (Q)	nejojne	0,016 0	orejoure	0,016 (),	пејци	IJH6	0,006 0,0	116 0,016	0,015	0,006 0,0	#16 <mark>00</mark> 1	6[006	0,016 0	016 0,01	16 DOTE	(p.8)	0,016 0	ŲT6 QO	s 0,016	0016	015 0,1 17	60,016 0,00
1	Papan Nama Proyek	1	Ls.	Rp	300,000	1	Rp	300.000	0	136 005	Sphra (t	KZ 0,05	((0520)	B2 1,8						П						\Box							П							_	_								
DIVE	SI 2. SURVEY												П		П	Т				П																		4											
1	Survey Data Lulu - Lintas	1	Ls	Rp I	200,000	1	Rρ	1200.000	- 1	,45			04820	82 1,48			П			П						П											\neg										\Box	\top	
2	Survey Goometrik	1	Ls	Βp	410,000	- 1	Rρ	40,000	0	HØ 0.16	a ques qu	65	П	Т	П	Т	П		Т	П	Т	\Box		П		П	Т	Т	П	Т	П	Т		-	T	П		Т	П	П	Т	\Box	П	Т	\neg	П	\top	Т	
DIVES	SI 3. PEKERJAAN RESETTING	FASE SI	NEXI.																												_																		
1	Set-Up & Programming APILL	1	simple;	Rp 2	415,227	- 1	Rp :	2.416.227	2	91			П		П					П										_															041	6 0,416	0.416	416 0,41	6 0,416 0,41
DIVE	SI 4. PEKERJAAN PENGECAT/	NOLAR	KA JAL	AN &	ZEBRA ()	1082																																											
1	Pemberahan Marka John Lano	291,58	m2	Rp	108.171	6	Rp 3	150.600	38	014					1906 0	96 13	660506	0906 0	306 0,90	6 1,966	Ļ906 O.S	906 1,906	1,906 03	06 1,306	1,906 0,9	6 197	Sep 13	0 0,50	0,906 0	906)1,906	0,906 0,9	96 [1506	1,906	0,906 0,9	060506	1,906	0,506 0,5	906 090	16 (19)6	0,906 0	906 (5)	0906	0,906	0,906 0	,906				
2	Pengcatan Solid Line	134,56	m2	Rp	19400)	3	Rp 2	131.64	25	500					1,190 1,	191 <mark>1,1</mark> 5	11 1,191	1,191 1,	191 1,19	1,51	,191 1,1	1,190	1,191 1,1	51 1,191	119	A[1,50	U91 U	91 1,191	1,151																				
3	Pengeratan Zebra Crisis	125,78	m2	Rρ	15000	3	Rp 1	9,592,977	23	.56					П	Т	П		Т	П	Т		_			\Box			I,	מוו(מו	1,122 1,1	22 1,122	1,122	1,122 1,1	122 I.J.22	1,122	IJ22 IJ	122 LJ2	22 1,122	1,122	122 1,12	2 1,122	IJZ	1,122	J22		\Box	\top	
4	Pengecatan David Litra	30,24	m2	Ro	154,000	- 1	Rp -	1/29,075	5	(0)	П	\top	П	\top	П	Т	П	Т	т	П	_	$\overline{}$		П	LIKE OF	06 U.XCG	L909 (L9	IE 0,88	0,803	\top	П	Т	П	Т	Т	П	\neg	\top	П	П	Т	\Box	П	Т	\top	П	\top	\top	\Box
											П	\top	П	\top	П	\top	П		_		\top	\Box		П		П	\neg		П		П		П	\neg	\top	П		\top	П	П	\top	\Box	П	\neg		П	\top	\top	
	RENCANA						Rp 8	296.08	1	100	П	\top	П	Т	П					П	\top	П		П		П	\neg		П			Т	П	\neg	Т	П		\top	П		Т	\Box	П	\neg		П	\top	\top	
									UNLAH%	0.46	80,465 ()	68 036	0.550 0.	90 159	CHI	nt)21	3 2113	2113 2	113 211	3 2.113	113 2	13/2.113	2113 21	13 2113	2516 25	15 2916	2516 25	2516	29162	04/2/40	2044 21	141214	2,044	2044 23	144 204	2644	2344 23	84 204	204	2844 2	064 264	4 200	2344	2,844 2	344 043	8 0.03	0.63 0	423 0.66	8 0,668 0,66
							\vdash		KUMULATE	% (F	O 159 L	Al U	228	81 13	50	5 9	0 11.81	1332 1	13 [8]	5 2026	237 24	UB 35/0	38.71 30	52 32 94	15.05 %	7 4168		51 5148				51615																	69,33 100
		_	_	_	_		_	_		-			-	-		-	-		_			-					-	-			-	-		-				1.00			-	1000	-	7	744	-		_	100

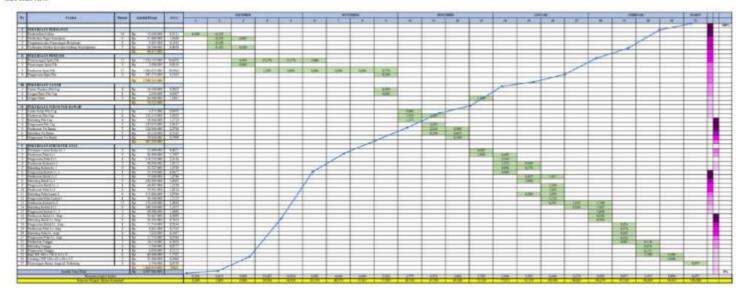
Project Management Task (2022)

Cost and scheduling for 2 story building using Microsoft Excel and Microsoft Project

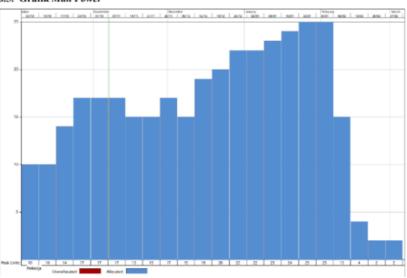




8.3. Kurva S



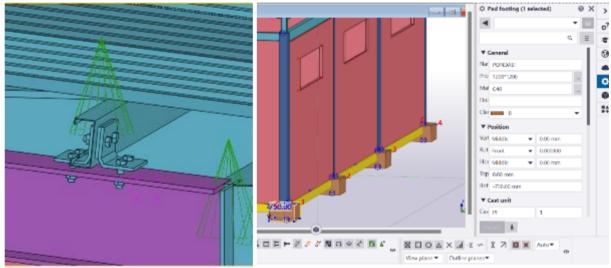
8.5. Grafik Man Power

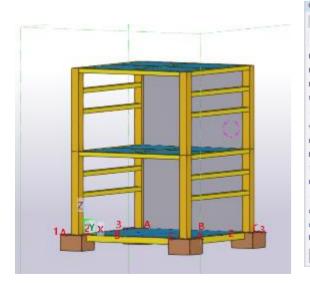


Tekla Structure 3D Modeling Task (2023)

Modeling simple steel and concrete buildings using Tekla Structure



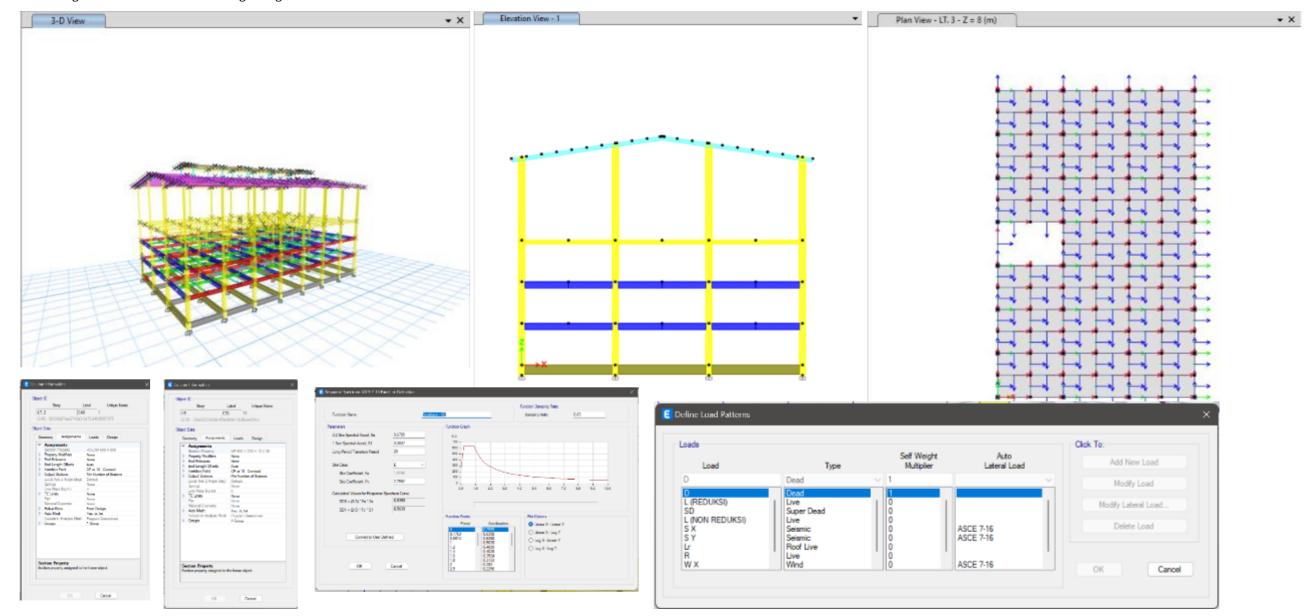






Concrete & Steel Building Design (2023)

Modeling concrete and steel building using Etabs

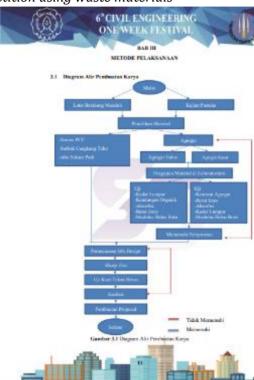


2nd Winner National Concrete Innovation Competition

(2019)

The lightweight concrete innovation competition using waste materials





4.3 Perhitungan Mix Design

Mix Design kami berdasarkan SNI 03-2834-2000 yang disesuaikan dengan hasil pengujian yang sudah kami lakukan yang akan ditampilkan dalam bentuk tabel 4.6

Tabel 4.6 Mix Design Beton Inovasi \geq 25 MPa

			ibel 4.0 Mix De	angar areaton an	- L			
	M	aterial		Presentase	1 m ³	7 Mold	6 Mold	Satuan
FAS			Air		168	6,23	5,34	L
0,4	Semen	420	Semen PCC	75%	315	11,68	10,01	Kg
		kg	Serbuk Cangkang Telur	10%	42	1,55	1,33	Kg
			Abu Sekam Padi	15%	63	2,33	2,02	Kg
Slump	Agregat	47%	Pasir	20%	143,84	5,33	4,57	Kg
6±2	Halus		Hebel	80%	281,05	8,20	7,03	Kg
	Agregat Kasar	53%	Genteng	100%	748,66	27,76	23,79	Kg
	Sika	Viscoo	rete 1003	0,6%	1,971	0,073	0,062	L
	SikaCir	n Conc	rete Additive	0,75%	1,971	0,073	0,062	L
		_						

Tabel 4.8 Reneana Anggaran Biaya.

Material	Harga		Beton I	novasi	Beton N	Convensional				
	Satuan		Komposisi	Harga	Komposisi	Harga				
Air	Rp.100	1	168	Rp.16.800	225	Rp. 22.500				
Semen PCC	Rp.1200	kg	315	Rp. 378.000	420	Rp. 504.000				
Serbuk Cangkang	Rp.300	kg	42	Rp. 12.600		-				
Telur										
Abu Sekam Padi	Rp.300	kg	63	Rp. 18.900		-				
Pasir	Rp.257.142	m ³	0,089	Rp. 22.886	0,527	Rp.135.514				
Hebel	Rp.50.000	m ²	0,234	Rp.11.700		-				
Genteng	Rp.50.000	m³	0,599	Rp.29.950		-				
Kerikil	Rp.220.000	m³	-		0,680	Rp. 149.600				
Sika Viscocrete 1003	Rp.75.000	1	1,97	Rp.147.750	1,97	Rp. 147.750				
SikaCim Concrete	Rp.40.900	1	1,97	Rp. 80.573	1,97	Rp. 80.573				
Additive										
Tot	al	Rp. 719.159 Rp. 1.039.937								
Perhanding	pan Harga	Rp. 320.778								



Ministry of Education, Culture, Research, and Technology Institut Teknologi Sepuluh Nopember

Global language Center

To Whom it may concern

This is to certify that

Name : Bintang Pradita Jaya

Registration Number : 2035221094

Institution : Dipl. 4 Civil Infrastructure Engineering

took the ITS EFL Test administered by Global Language Center - ITS on 27 September 2023 with the following results:

Listening Comprehension : 48
Grammar : 44
Reading Comprehension : 51
Total Score : 477

Score Range 310 - 677

Serial number : T/3234/IT2.IV.3.2.5/TU.00.08/2023

Date of issuance : October 05, 2023 Valid for 2 years from the test date

Not to be photocopied



Director

Ervin Nurhayati, S.T., M.T., Ph.D NPP. 1980201712041



LISTENING AND READING OFFICIAL INSTITUTIONAL SCORE REPORT



°PT International Test Center-TOEIG Center Indonesia, Plaza Sentral, 17th Floor, Jl. Jend Sudirman, Kay 47, Jakarta, Indonesia,

(ES) CopyRoht © 2015 by Educational Testing Service. All rights reserved. ETS, the ETS logos, and TOEIC arp registered trademarks of Educational Testing Service.

This score report is intended for use only by the institution which sponsored the test administration.

Delach Here

LISTENING

Your scaled score is between 300 and 400. Test takers who score around 300 typically have the following strengths.

- . They can sometimes infer the central idea, purpose, and basic context of short spoken exchanges, especially when the vocabulary is not difficult
- They can understand the central idea, purpose, and basic context of extended spoken texts when this information is supported by repetition or paraphrase.
- . They can understand details in short spoken exchanges when easy or medium-level vocabulary is used
- . They can understand details in extended spoken texts when the information is supported by repetition and when the requested information comes at the beginning or end of the spoken text.
- · They can understand details when the information is slightly paraphrased.

To see weaknesses typical of test takers who score around 300, see the *Proficiency Description Table. I your performance is closer to 400, you should also review the descriptors for test takers who score around 400.

READING

Your scaled score is between 250 and 350. Test takers who score around 250 typically have the following strengths:

- They can make simple inferences based on a limited amount of text.
- They can locate the correct answer to a factual question when the language of the text malches the information that is required. They can sometimes answer a factual question when the answer is a simp paraphrase of the information in the text.
- They can sometimes connect information within one or two sentences.
- They can understand easy vocabulary, and they can sometimes understand medium-level vocabulary
- They can understand common, rule-based grammatical structures. They can make correct grammatical choices, even when other features of language, such as difficult vocabulary or the need to connect

To see weaknesses typical of test takers who score around 250, see the *Proficiency Description Table. If your performance is closer to 350, you should also review the descriptors for test takers who score around 350.

ABILITIES MEASURED	PERCENT CORRECT OF ABILITIES MEASURED Your Percentage
	0%

ABILITIES MEASURED	PERCENT CORRECT OF ABILITIES MEASURED Your Percentage
	0%

Can infer gist purpose and basic context based on information that is explicitly stated in short spoken texts	0% 66
Can infer gist, purpose and basic context based on information that is explicitly stated in extended spoken texts	0% 86
Can understand details in short spoken texts	75
Can understand details in extended spoken texts	0% 62

Can make inferences based on information in written texts	0%	100%
Can locate and understand specific information in written texts	0% 64	100%
Can connect information across multiple sentences in a single written text and across texts	0%	100%
Can understand vocabulary in written texts	0%	100%
Can understand grammar in written texts	0%	100%

^{*} Proficiency Description Table can be found on our web site, www.ets.org/toeic

HOW TO READ YOUR SCORE REPORT:

Percent Correct of Abilities Measured:

Percentage of items you answered correctly on this test form for each one of the Abilities Measured. Your performance on questions testing these abilities cannot be compared to the performance of test-takers who take other forms or to your own performance on other test forms

Note: TOEIC scores more than two years old cannot be reported or validated

(E) Copyright © 2015 by Educational Testing Service. All rights reserved. ETS, the ETS logos, and TOEIC are registered trademarks of Educational Testing Service.

136849-70171 • S619R150 • Printed in U.S.A. 784192