

# PORTFOLIO



**CHATCHANON OUNCHAROEN**

Bachelor's Degree in Engineering (Civil Engineering)

King Mongkut's Institute of Technology Ladkrabang



# CHATCHANON OUNCHAROEN

## CIVIL ENGINEER

**Address:** 39/25 Butsarin Village, Soi Butsarin 4, Phrayasuren 40 Rd., Sam Wa Tawan Tok, Khlong Sam Wa, Bangkok 10510

**Mobile Phone No:** 089-874-0470

**Email Address:** chatchanon.oun@gmail.com

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## CAREER OBJECTIVE

I graduated with a bachelor's degree of civil engineering and would like to use my knowledge and skills in the field as well as learn from the experienced experts to always improve my abilities and to benefit the organization.

## ADDITIONAL SKILLS

- TOEIC Score : 550
- Fluent in using Microsoft Office, AutoCAD, Autodesk Revit, ETABS, MIDAS CIVIL
- Licenses: Driver and rider's licenses

## EDUCATION

### Bachelor's Degree of Engineering in Civil Engineering

2017-2020

King Mongkut's Institute of Technology Ladkrabang

GPA 3.31 (Second Class Honors)

### High School in Science and Mathematics

2014-2016

Ayutthaya Witthayalai School

## SPECIAL PROJECT

**Study on Structural Behaviors of Continuous Span Precast Segmental Box Girder when Increasing The Number of Sky Train Carriages.** This research was study by using Finite Element to analyzed behaviors of stress in concrete, prestressing tendons, reinforcement and deflection in Segmental Box Girder Bridge and compare with allowable values from standard of AASHTO LRFD.

## QUALIFICATION

- Working well with others.
- Eager to learn new things.
- Enthusiastic worker
- Be able to work under pressure.

## WORK EXPERIENCE

1 June – 31 July 2020

### Department of Civil Engineering, KMITL

Trained under supervision of advisor due to Covid -19

- planned the construction of park and ride building
- designed prestressed concrete bridges using computer programs

## ACTIVITY AND TRAINING

23 December 2019 – 1 January 2020

### Ban Wang Sema (Phinit Anusorn), Chaiyaphum

In charge of construction of kindergarten building in the 29th Engineering-Nursing Camp

3 – 7 June 2019

### Thai Obayashi Training Center

Theoretical and Practical Training in Academic Camp Project  
“Thai Obayashi – AMEICC - AOTS Summer Program 2019”

## REFERENCE

### Asst.Prof.Dr.Atavit Sujaritpong

Assistant Professor of Civil Engineering, KMITL

Tel. 062-2596-6461

### Mr.Wareeyot Thiradulkul

Civil Engineer 3, Airports of Thailand

Tel. 065-969-4746

Summer Training  
Department of Civil Engineering  
KMITL  
1 June – 31 July 2020

# SITE VISIT : KRUNGSRI RAMA 3 TOWER RIITA CO.,LTD.







29<sup>th</sup> Engineering - Nursing Camp  
Ban Wang Sema (Phinit Anusorn)  
Chaiyaphum

23 December 2019 – 1 January 2020

# Construction of Kindergarten Building

## 29<sup>th</sup> Engineering-Nursing Camp











Thai Obayashi-AMEICC-AOTS  
Summer Program 2019  
Thai Obayashi Training Center  
3 – 7 June 2019

# WORKSHOP

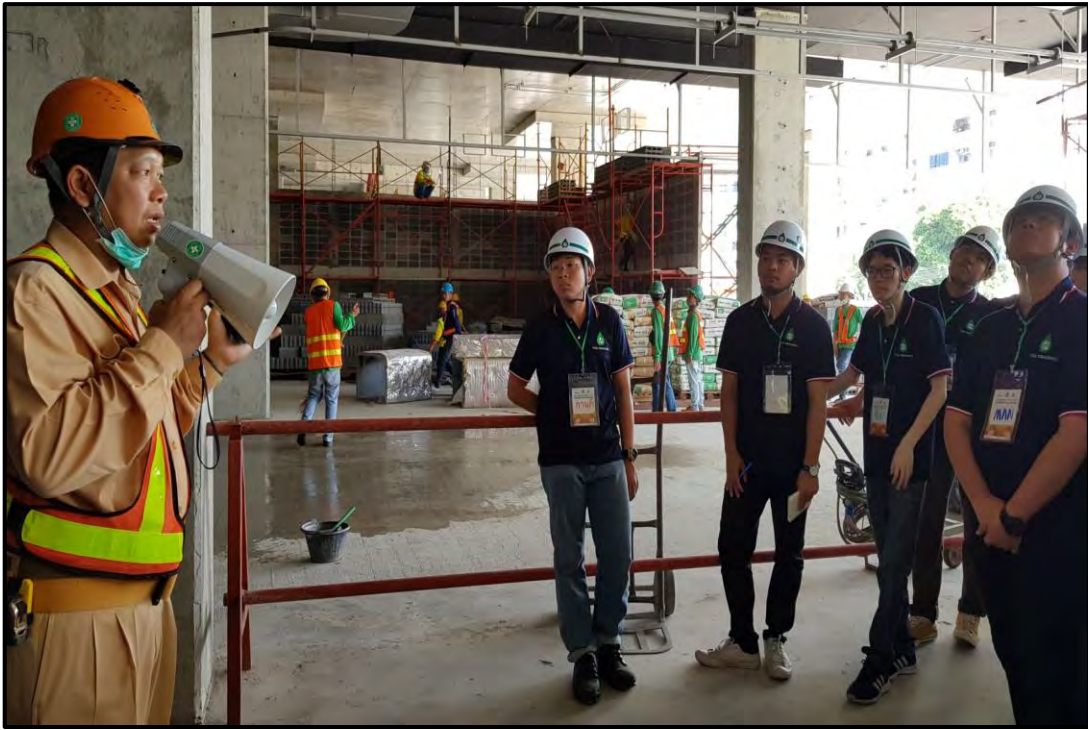
## THAI OBAYASHI TRAINING CENTER







SITE VISIT : THE PARQ  
THAI OBAYASHI CORP., LTD.



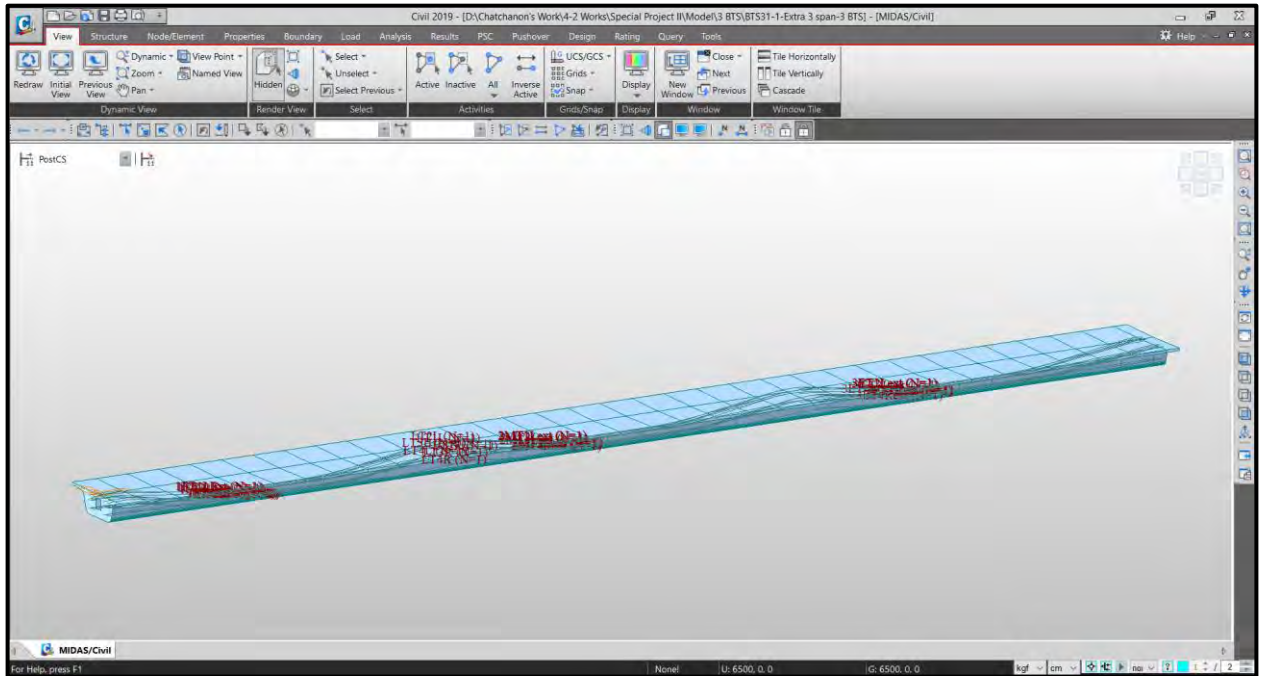


SITE VISIT : O-NES TOWER  
THAI OBAYASHI CORP., LTD.

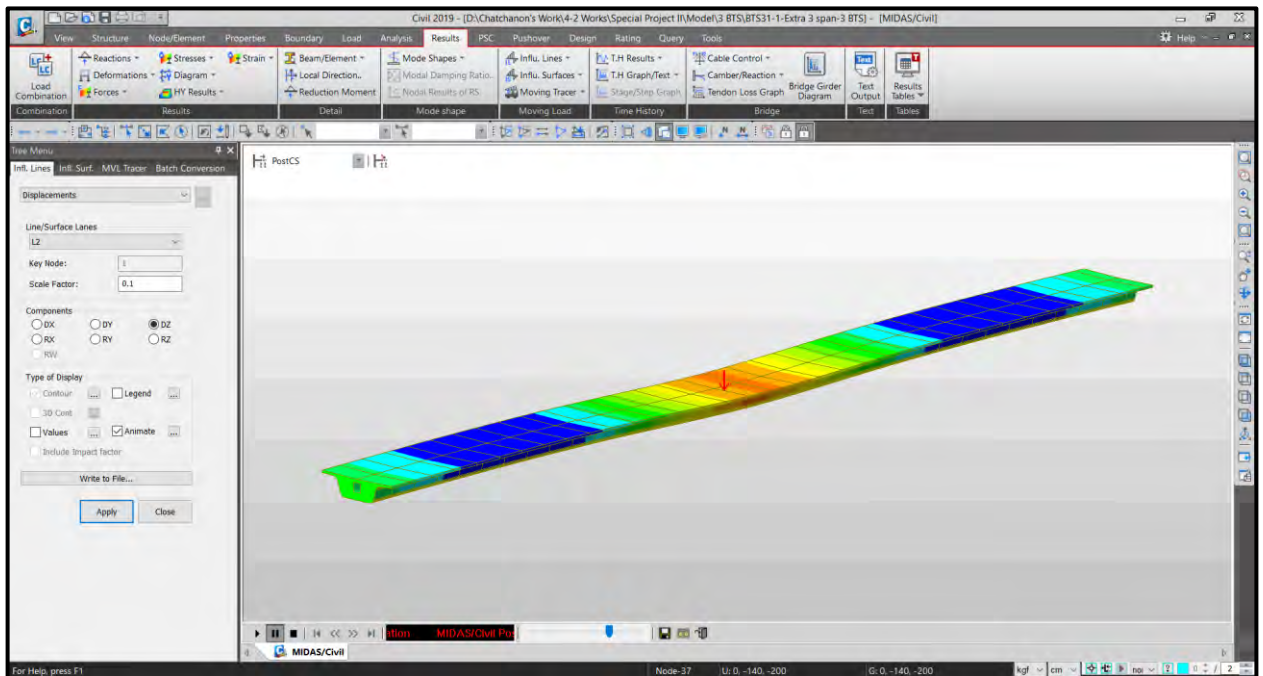


## SPACIAL PROJECT

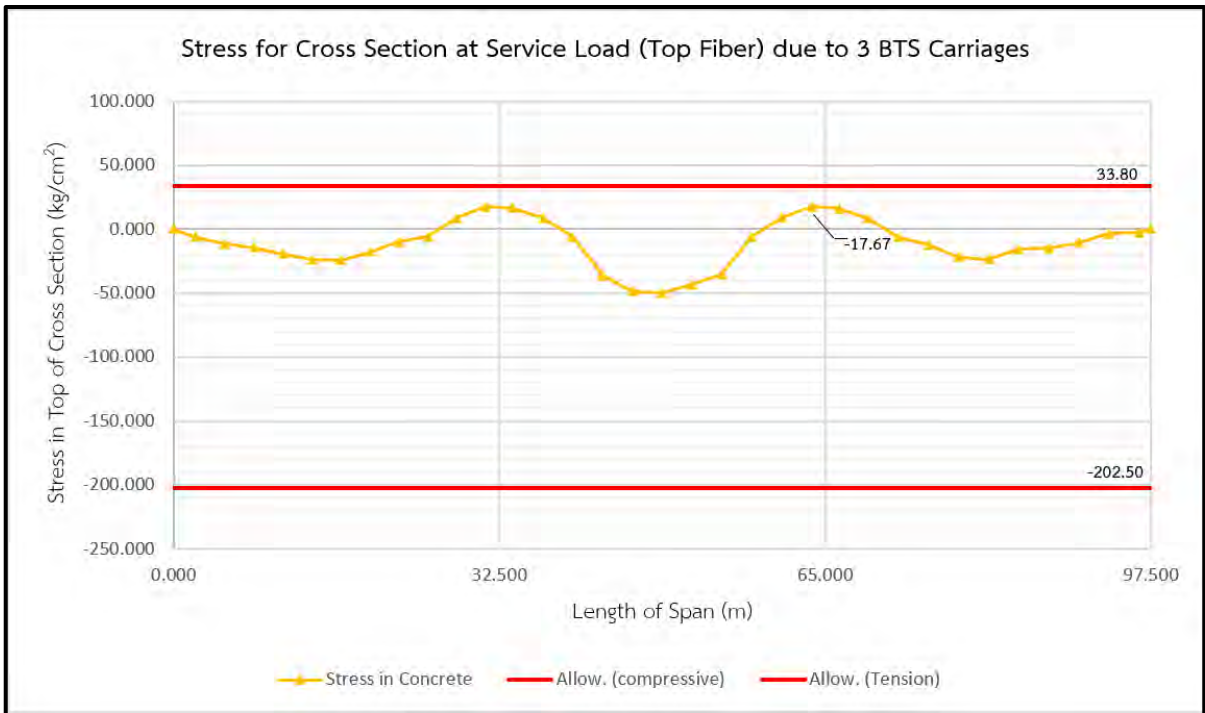
Study on Structural Behaviors of Continuous Span  
Precast Segmental Box Girder  
when Increasing The Number of Sky Train Carriages



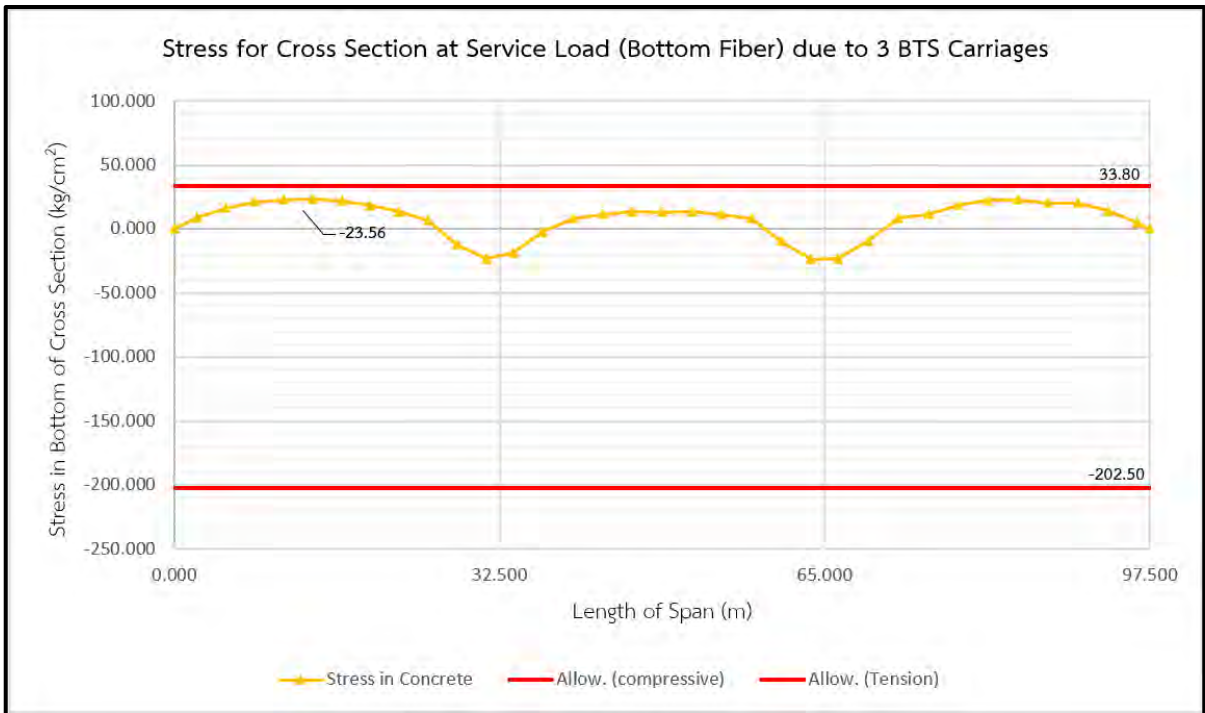
Bridge Structure Model with Prestressing Tendons Profile



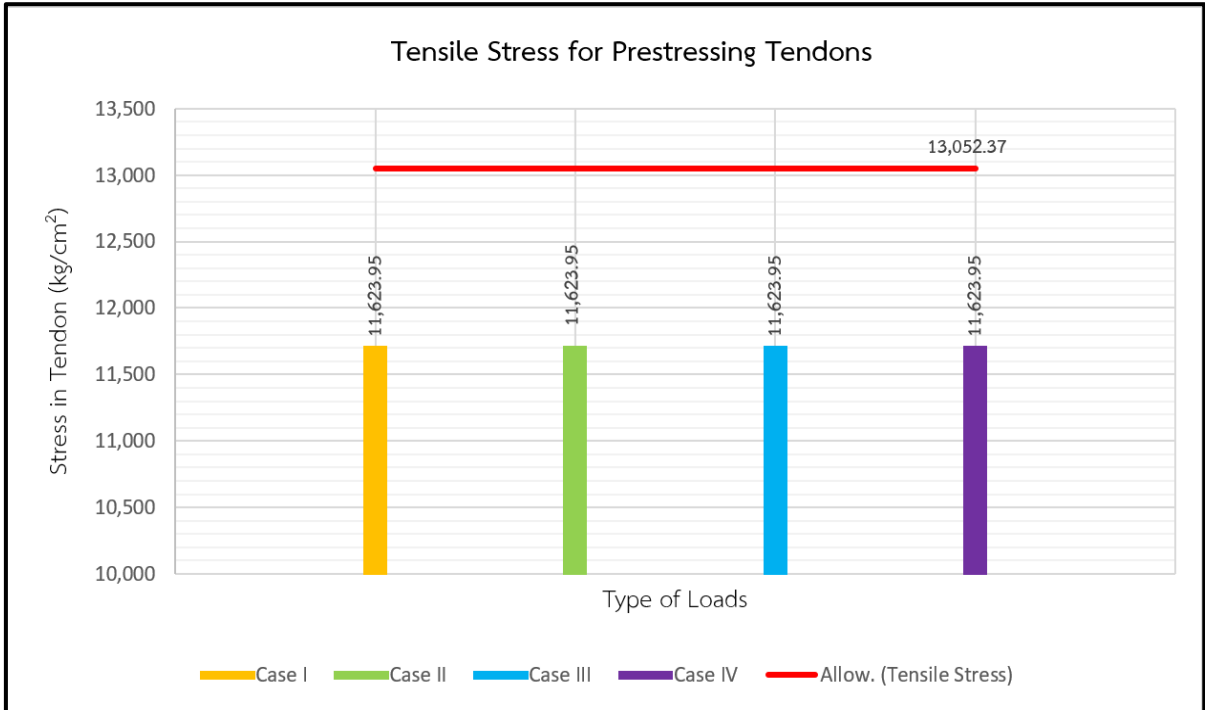
Deflection when Moving Load Analysis



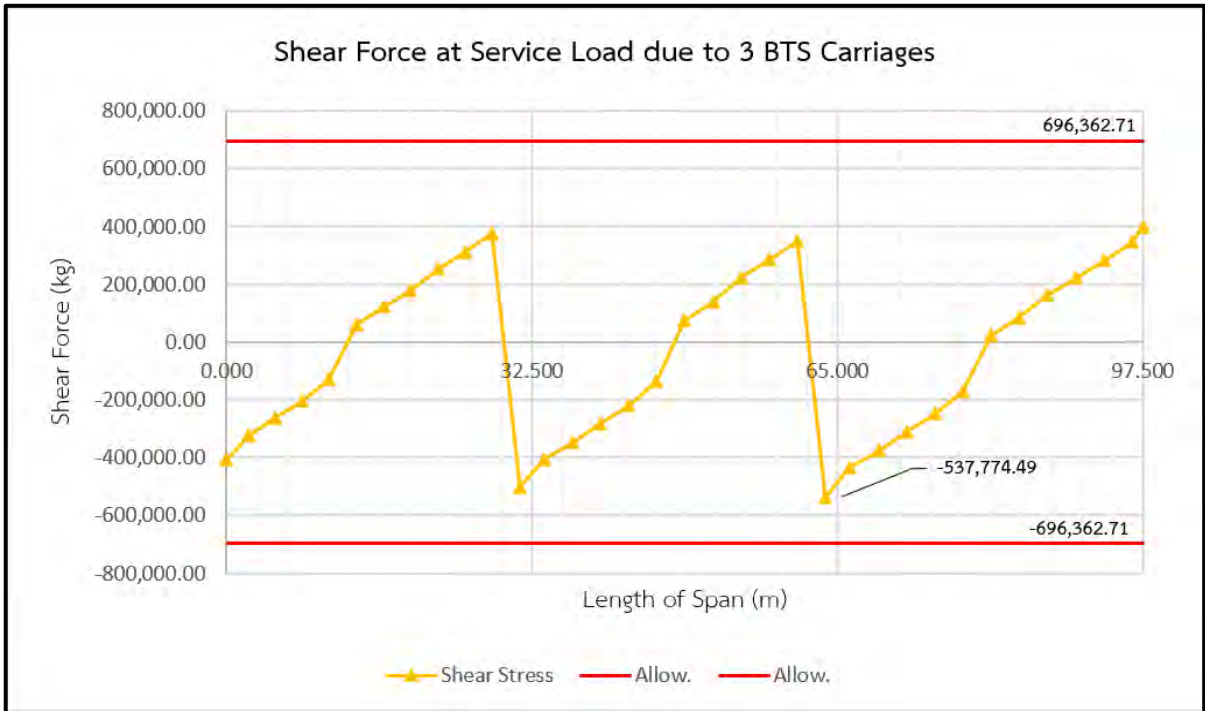
Stress in Concrete at Top Fiber due to Service Load



Stress in Concrete at Bottom Fiber due to Service Load



Tensile Stress in Prestressing Tendons due to Service Load



Shear Force in Section due to Service Load

CERTIFICATE & TRANSCRIPT



LISTENING AND READING TEST  
OFFICIAL INSTITUTIONAL SCORE REPORT

BA 000365



<b>Name</b> CHATCHANON DUNCHARDEN <b>Date of Birth</b> MAY 28, 1998 <b>ID Number</b> 1103702597201 <b>Test Date</b> MARCH 27, 2021 <b>Client</b> KING MONGKUT'S INSTITUTE OF TECHNOLOGY LADKRABANG <b>TOEIC® Services Thailand -- Certified Score Report -- Issued MARCH 30, 2021</b>	<b>LISTENING</b> 330	<b>TOTAL SCORE</b> 550  Report is valid for two years from the test administration date.
	<b>READING</b> 220	



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IN1001-01TH

**LISTENING DESCRIPTION -- 330**

In face-to-face communications, a person at this level should be able to understand...

- simple questions and statements related to the responsibilities of the job;
- simple questions and answers, and statements made in face-to-face contact;
- present tense form statements or questions;
- limited familiar topics within the scope of personal needs;
- minimum courtesy, travel and safety requirements;
- "what, who, when and where" type questions and statements.

Comprehension vocabulary will likely be limited to topics of immediate needs.

**READING DESCRIPTION -- 220**

A person at this level should be able to read...

- simple texts written using simple language;
- very frequently used grammar and vocabulary;
- familiar task specific vocabulary;
- material written in the present time;
- simple narratives of routine behavior;
- highly predictable descriptions of people, places, or things;
- simple explanations of geography, or directions.

In the workplace a person in this position should be able to read...

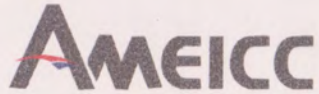
- simple telex messages;
- simple fax messages;
- simple standard office memos.

At this level material will likely have to be reread several times to ensure understanding.

Name: CHATCHANON DUNCHARDEN

Test Date: MARCH 27, 2021





บริษัท นันทวัน จำกัด

เลขที่ AOTS2019/054

THAI OBAYASHI CORPORATION LIMITED

ขอมอบเกียรติบัตรนี้ไว้เพื่อแสดงว่า

นายชัชชานนท์ อุ่นเจริญ

ได้สำเร็จการฝึกอบรมภาคทฤษฎีและภาคปฏิบัติรวม 60 ชั่วโมง

โครงการ ค่ายวิชาการ

THAI OBAYASHI – AMEICC – AOTS SUMMER PROGRAM 2019

ณ THAI OBAYASHI TRAINING CENTER

ให้ไว้ ณ วันที่ 7 มิถุนายน 2562



Chiang Mai University.



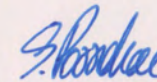
King Mongkut's University of Technology Thonburi.



King Mongkut's University of Technology North Bangkok.



King Mongkut's Institute of Technology Ladkrabang.



พรชัย สิทธิยากรณ์

กรรมการผู้อำนวยการ





# KING MONGKUT'S INSTITUTE OF TECHNOLOGY LADKRABANG

Chalongkrung Road, Ladkrabang, Bangkok 10520, THAILAND

## TRANSCRIPT OF RECORDS

Faculty of Engineering

Name : Mr. Chatchanon OUNCHAROEN

Student ID : 60010217

Date of Birth : May 28, 1998

Degree : Bachelor of Engineering (Second Class Honors)

Program : Civil Engineering

Major : -

Date of Admission : August 7, 2017

Date of Graduation : June 14, 2021

Course	Credit	Grade	Course	Credit	Grade
<b>1st Semester, Academic Year 2017</b>			<b>2nd Semester, Academic Year 2019</b>		
01006001 ENGINEERING MATHEMATICS 1	3	A	01096007 PRE-ENGINEERING PROJECT	1	A
01006012 COMPUTER PROGRAMMING	3	D+	01096015 HYDRAULICS LABORATORY	1	A
01006015 ENGINEERING DRAWING	3	B	01096044 HYDRAULICS ENGINEERING	3	B
01006020 GENERAL PHYSICS 1	3	B	01096047 HIGHWAY ENGINEERING LABORATORY	1	A
01006021 GENERAL PHYSICS LABORATORY 1	1	A	01096048 FOUNDATION ENGINEERING AND DESIGN	4	B
01006024 GENERAL CHEMISTRY	3	C	01096055 HIGHWAY ENGINEERING	3	B+
01006028 PRE-ACTIVITIES FOR ENGINEERS	1	A	01096152 ENVIRONMENTAL IMPACT ASSESSMENT	3	A
90595001 FOUNDATION ENGLISH	3	B	90594006 LAW FOR NEW GENERATION	3	A
GPS : 2.87 GPA : 2.87			GPS : 3.55 GPA : 3.22		
<b>2nd Semester, Academic Year 2017</b>			<b>Special Semester, Academic Year 2019</b>		
01006002 ENGINEERING MATHEMATICS 2	3	B+	01006004 INDUSTRIAL TRAINING	0	S
01006010 ENGINEERING MECHANICS	3	A	GPS : - GPA : 3.22		
01006011 ENGINEERING MATERIALS	3	B+	<b>1st Semester, Academic Year 2020</b>		
01006022 GENERAL PHYSICS 2	3	B	01096005 SPECIAL PROJECT 1	3	A
01006023 GENERAL PHYSICS LABORATORY 2	1	B+	01096124 STRUCTURAL DYNAMICS	3	B+
01006025 GENERAL CHEMISTRY LABORATORY	1	C+	01096125 PRESTRESSED CONCRETE DESIGN	3	B
90591001 I LOVE KMITL	2	A	90591009 MEDITATION FOR LIFE DEVELOPMENT	3	A
90591002 SPORTS AND RECREATIONAL ACTIVITIES	1	B+	90592028 TREE DOCTOR	3	A
90595002 ENGLISH FOR COMMUNICATION	3	B+	90595005 WRITING AND SPEAKING IN THE PROFESSIONS	3	B+
GPS : 3.50 GPA : 3.18			GPS : 3.66 GPA : 3.28		
<b>1st Semester, Academic Year 2018</b>			<b>2nd Semester, Academic Year 2020</b>		
01006003 ENGINEERING MATHEMATICS 3	3	A	01096006 SPECIAL PROJECT 2	3	A
01096012 STRENGTH OF MATERIALS	3	C	01096049 BUILDING DESIGN	3	B+
01096013 SURVEYING	3	C+	01096051 CONSTRUCTION ENGINEERING AND MANAGEMENT	3	B+
01096031 CONCRETE TECHNOLOGY	3	A	01096054 TIMBER AND STEEL DESIGN	4	B+
01096050 CIVIL ENGINEERING MATERIALS AND TESTING	3	A	GPS : 3.61 GPA : 3.31		
90591010 MUSIC APPRECIATION	3	B+	Total Credits Earned : 153		
90595003 ENGLISH FOR ACADEMIC PURPOSES	3	B+	Cumulative GPA : 3.31		
GPS : 3.35 GPA : 3.24			----- End of Transcript -----		
<b>2nd Semester, Academic Year 2018</b>					
01096014 HYDRAULICS	3	C+			
01096016 SURVEYING CAMP	1	B+			
01096019 ADVANCED MATHEMATICS FOR CIVIL ENGINEERING	3	C			
01096033 ROUTE SURVEY	3	C+			
01096034 THEORY OF STRUCTURES	3	B+			
01096056 CONSTRUCTION TECHNOLOGY	3	B+			
01096140 ENGINEERING GEOLOGY	3	A			
90592022 THAI ASTROLOGY	3	A			
GPS : 3.15 GPA : 3.22					
<b>1st Semester, Academic Year 2019</b>					
01096035 STRUCTURAL ANALYSIS	3	B			
01096040 SOIL MECHANICS LABORATORY	1	A			
01096046 HYDROLOGY	3	C+			
01096052 REINFORCED CONCRETE DESIGN	4	C+			
01096053 SOIL MECHANICS	3	B			
01096110 CONSTRUCTION ESTIMATION	3	B			
90593015 FUN WITH AI	3	B+			
GPS : 2.95 GPA : 3.16					

Date of Issued : June 29, 2021

Not valid without seal

(Asst.Prof. Dr. Somkiat Wangsiripitak)  
Director  
Office of the Registrar