

نظام دراسة التأثيرات المرورية مركز النقل المتكامل

Traffic Impact Study Integrated Transport Planning





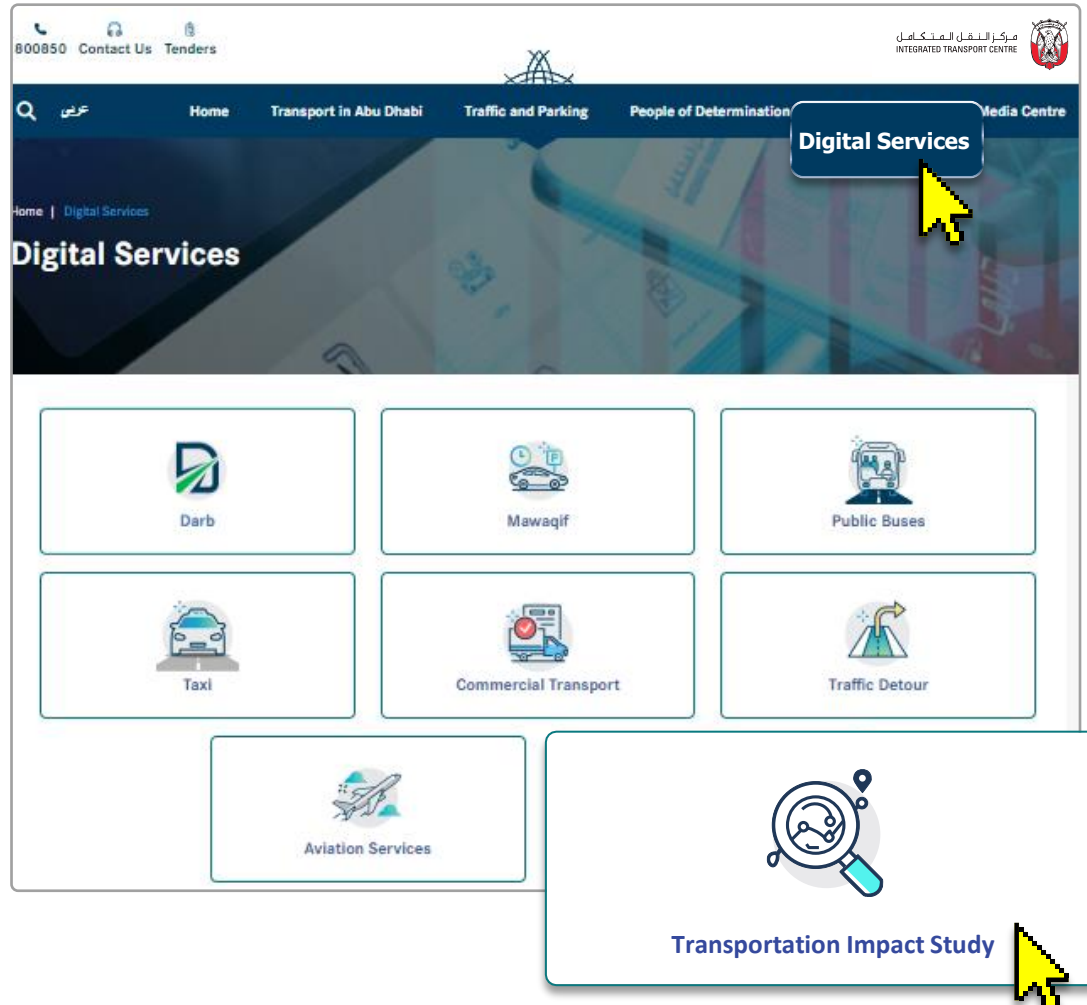
User Registration

تسجيل المستخدم

- ارسال طلب فتح حساب على البريد الالكتروني tis.system@itc.gov.ae
- سيتم ارسال بريد الكتروني بالوثائق المطلوبة للتسجيل
- سيتم ارسال اسم المستخدم وكلمة السر بعد مراجعة البيانات
- بالإمكان الدخول على النظام من خلال الموقع الرسمي لمركز النقل المتكامل تحت الخدمات الرقمية

- Send request to open new account to tis.system@itc.gov.ae
- We will send an Email with the required documents
- After documents review will send Username & Password
- You can access TIS online through ITC website Digital services







مركز النقل المتكامل
INTEGRATED TRANSPORT CENTRE

Integrated Transportation Planning – Online Services



LOGIN

Enter User Name &
Password and press Login

Transportation Impact Study

Thank you for your interest in using the
Transportation Impact Study Online Service.

- ✓ This initiative is also in line with ITC's strategy to provide services that are up to the highest international standards.
- ✓ This Service is for the exclusive use of the consultants prequalified and approved by ITC.
- ✓ Please use the login details provided by the ITC to access the system.
- ✓ For more information on this service, and in case you have any suggestions or comments, please feel free to contact us on the below email :

E-mail: tis.system@itc.gov.ae

Login

Username *

Password *

Login

[Forgot your Password?](#)

مركز النقل المتكامل
INTEGRATED TRANSPORT CENTRE



Reset password

User Id *:

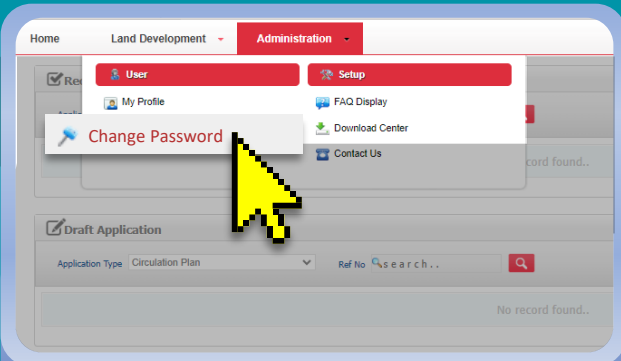
Email Id *:

Reset

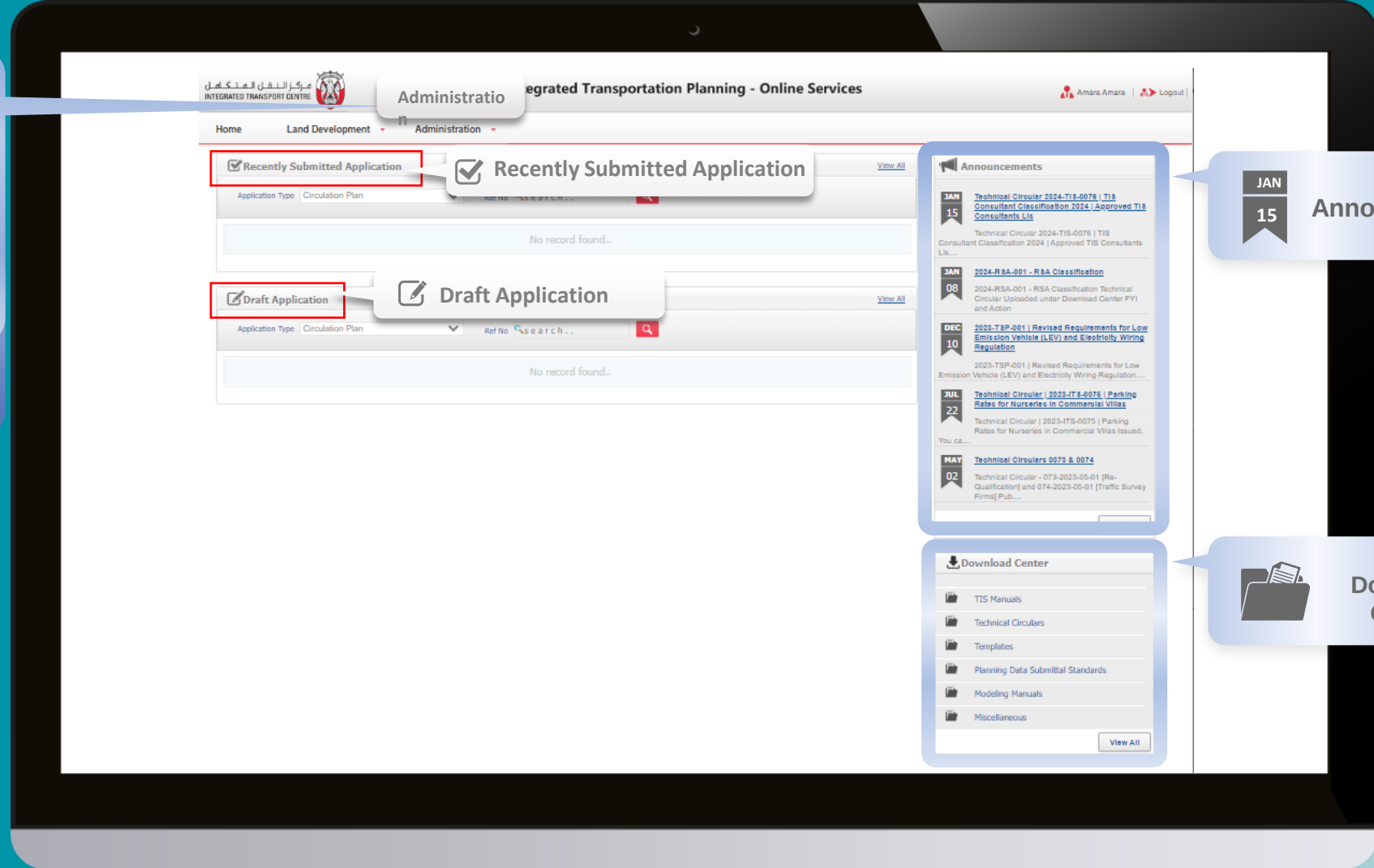
[Forgot your Password?](#)

- In case you forgot your Password
Press the link & enter required data
A new password will be sent to your email





You can change your password from Administration Tap





Integrated Transportation Planning – Online Services

Home

Land Development ▼

Administration ▼

Create New Application

On-going Applications

Draft List

 New Circulation Plan

 New Completion Certificate

Circulation Plan List

 Completion Certificate List

 Circulation Plan

 Completion Certificate

 Draft Application

Application Type Circulation Plan ▼

Ref No



Start new Circulation Plan Application

To start new CP application



New Circulation Plan



Enter Developer Information



All fields must be filled in with an asterisk (*) symbol

مركز النقل المتكامل
INTEGRATED TRANSPORT CENTRE

Integrated Transportation Planning

Home Land Development Administration

Circulation Plan Application

Architect Amara *

Application Submission ☒ New ☐ Re-Submit

Consultant Info

Post Box: Abu Dhabi

Phone: 026566571

Mobile: 0566526067

Email: Haitham-amara@hotmail.com

Developer Information

Project Information Land Use Information Trip Generation and Parking Information Document Attachments

Developer Name *

Developer Contact Person *

Phone *

Mobile *

Fax *

Email *

Address *

P.O. Box *

*Mandatory Information Required

Submit Save Draft

You can save application as Draft
Before submitting the application

Integrated Transportation Planning - Online Services

Home Land Development Administration

Circulation Plan Application

Architect: Amara

Application Submission: ☒ New ☐ Re-Submit

Consultant Info:
Post Box: Abu Dhabi
Phone: 026566571
Mobile: 0568526067
Email: Haitham-amara@hotmail.com

Developer Information Project Information Land Use Information Trip Generation and Parking Information Document Attachments

Owner Name *

Project Name *

Project Type: Commercial Grid *

Project Location: Region * Zone *
Sector * Plot Number *

Project Opening Date: [Calendar Icon]

Approved by: * Approval Status: *

Land Use/Concept Details: Approval Reference Number: Authority Contact Person:

Project Description:

Located within an approved TMP: ☒ Yes ☐ No

Master Plan Name *

*Mandatory Information Required

Submit Save Draft



Enter Project Data



All fields must be filled in with an asterisk (*) symbol

You can save application as Draft Before submitting the application



مركز النقل المتكامل
INTEGRATED TRANSPORT CENTRE

Integrated Transportation Planning - Online Services

Amara Amara Logout

Home Land Development Administration

Circulation Plan Application

Architect

Amara

Application Submission

☒ New ☐ Re-Submit

Consultant Info

Post Box: Abu Dhabi

Phone: 026566571

Mobile: 0566528067

Email: Haitham-amara@hotmail.com

Developer Information Project Information **Land Use Information** Generation and Parking Information Document Attachments

Trip Generation and Parking Rates Manual used :

Group	Category	Sub Class	Value	Variables
Commercial Group	Shopping Malls/Centres	Regional Shopping Centre/ Mail	All Areas	

*Mandatory Information Required

Submit Save Draft Next

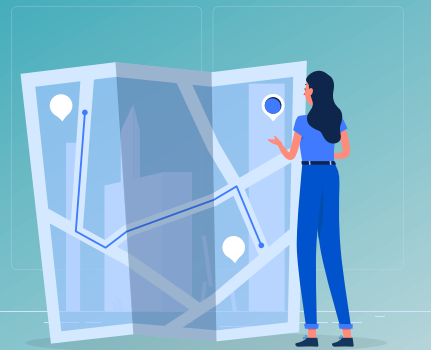


Enter Project Land-use Data



Land use data must be entered as approved by the Department of Municipal Affairs and Transport

The data will be compared, and if there is discrepancy, the application will be returned to verify the data





مركز النقل المتكامل

INTEGRATED TRANSPORT CENTRE

Integrated Transportation Planning - Online Services

Amara Amara | Logout

Home

Land Development

Administration

Circulation Plan Application

Architect

Amara

Application Submission

New

Re-Submit

Consultant Info

Post Box: Abu Dhabi

Phone: 028566571

Mobile: 0566526067

Email: Halitham-amara@hotmail.com

Developer Information

Project Information

Land Use Information

Generation and Parking Information

Document Attachments

Trip Generation and Parking Rates Manual used :

Abu Dhabi Trip Generation and

Group	Category	Class	Sub Class	Value	Variables
Residential Group	Apartments	Two Bedrooms Apartment	AD-CBD	16	No. of Units

No	Group	Category	Class	Sub Class	Value	Delete
1.	Residential Group	Apartments	Two Bedrooms Apartment	AD-CBD	16	
2.	Commercial Group	Shopping Malls/Centres	On-street Shopping	AD-CBD	200	
3.	Residential Group	Apartments	Studio and One Bedroom Apartment	AD-CBD	16	
4.	Office Group	Non-Government Offices	Multi-User Office Building	AD-CBD	300	

*Mandatory Information Required

Submit

Save Draft

Next

Enter Project Land-use Data



Land use data must be entered as approved by the Department of Municipal Affairs and Transport

The data will be compared, and if there is discrepancy, the application will be returned to verify the data



Circulation Plan Application

Architect: Amara

Application Submission: ☒ New ☐ Re-Submit

Consultant Info:

Post Box: Abu Dhabi

Phone: 026566571

Mobile: 0509526067

Email: Haitham-amara@hotmail.com

Developer Information Project Information Land Use Information **Trip Generation and Prking** Attachments

Inform

Load Data*

Press load Data
System will calculate
Requirements Automatically



Total Trip Generation Summary												Total Parking Demand			
Weekday						Weekend						Type of Parking	Demand (ADTGM)	Demand (Others)	Total
In (ADTGM)	Out (ADTGM)	In (Others)	Out (Others)	Total		In (ADTGM)	Out (ADTGM)	In (Others)	Out (Others)	Total					
Morning Peak(AM)	0	0	0	0	0	Morning Peak(AM)	0	0	0	0	0	Car Parking	0	0	0
Noon Peak	0	0	0	0	0	Noon Peak	0	0	0	0	0	Employees/Residence	0	0	0
Evening Peak(PM)	0	0	0	0	0	Evening Peak(PM)	0	0	0	0	0	Car Parking-visitor	0	0	0
Peak Hour Generator	0	0	0	0	0	Peak Hour Generator	0	0	0	0	0	Parking-Truck/Bus	0	0	0
												Application Fees			

Trips generated by the project

Highest peak during weekdays will be used

Weekday					
In (ADTGM)	Out (ADTGM)	In (Others)	Out (Others)	Total	
Morning Peak(AM)	11	22	0	0	33
Noon Peak	25	22	0	0	47
Evening Peak(PM)	30	34	0	0	64
Peak Hour Generator	36	32	0	0	68



Load Data*

Weekend					
In (ADTGM)	Out (ADTGM)	In (Others)	Out (Others)	Total	
Morning Peak(AM)	12	13	0	0	25
Noon Peak	25	20	0	0	45
Evening Peak(PM)	29	33	0	0	62
Peak Hour Generator	29	33	0	0	62

Parking Demand



Total Parking Demand			
Type of Parking	Demand (ADTGM)	Demand (Others)	Total
Car Parking	37	0	37
Employees/Residence	11	0	11
Car Parking-visitor	0	0	0
Parking-Truck/Bus	0	0	0
Application Fees			

*Please click Load Data to show the Trip Generation and Parking Rates

Next Save Draft and N



Calculating Project
Requirements

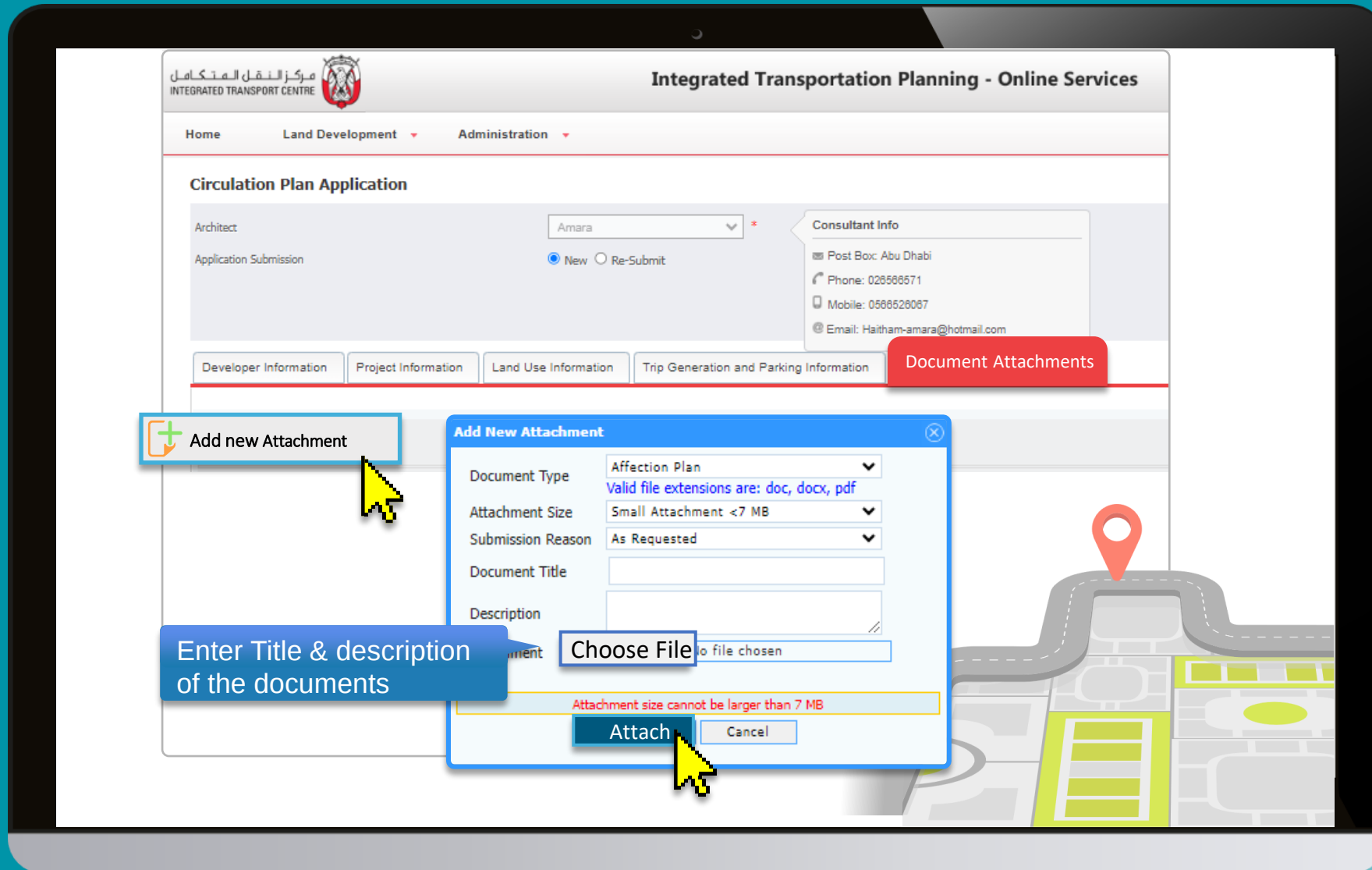




Upload Project Documents

Required Documents

1. Affection Plan
2. Appointment Letter
3. Project Description Letter
4. Location Plan Drawing
5. Parking & Circulation Drawing





Frequently Asked Questions



As a developer, you are about to start developing your own Plot. Below are some frequently asked information and questions:

1. Why do I need a traffic study for my project?

- It is required to conduct a traffic study for all development projects in the Emirate of Abu Dhabi in accordance with Executive Council Resolution No. 13 of 2011 regarding the traffic impact of urban projects. Article 3.1 stipulates that a traffic impact study must be conducted and approved by the department before issuing any building permit.
- This study aims to evaluate the traffic condition of the roads and infrastructure leading to the project and ensure the safety and smooth traffic in the emirate.

2. What is the desired benefit for me as a developer from providing parking and improving the roads leading to my project?

- Constructing parking and roads surrounding the project according to the approved technical specifications increases the attractiveness of the project, ease of access by its users or visitors and improves their experience, which supports the success and sustainability of the project in the long term and enhances and supports the transportation infrastructure in the emirate.

3. How to register on the traffic studies system?

- You can register on the traffic studies system for engineering and architectural consulting offices by requesting a new account on the email tis.system@itc.gov.ae.
- After reviewing and approving the application, the username and password will be sent.

4. In what system can requests for traffic studies be submitted?

- All requests for traffic studies are submitted through the electronic system "Traffic Studies System, Traffic Impact Study System" Integrated Transport Center <https://itc.gov.ae/ar-ae>



5. What are the documents required to open a traffic study application?

- The initial documents required are:
 - Land ownership certificate.
 - Power of attorney letter to the consultant from the developer.
 - Proposed land use or land use confirmation letter for projects within a development area.
 - Fill out the basic information via the electronic system “Traffic Studies System”.

6. What types of traffic studies are required for my project?

- For small, medium and large development projects, there are three types of studies:
 - Circulation Plan (CP)
 - Traffic Impact Study (TIS)
 - Transport Master Plan Study – (TMP)

7. How can I determine the correct Application type?

- The type of Application is determined based on the number of trips generated by the project proposed land uses. After determining the type of project, the number of trips is calculated using the approved Trip Generation & parking rates Manual in the Emirate of Abu Dhabi based on the highest number of trips during peak hours on weekdays in both directions:
 - Circulation Plan (CP) for projects generating less than 100 trips per hour.
 - Traffic Impact Study (TIS) for projects that generate from 100 to 2,500 trips per hour.
 - Transportation Master Plan (TMP) for projects generating more than 2,500 trips per hour.



8. How do I determine the correct land-use type to calculate number of trips generated?

- The correct land-use can be determined from Trip Generation and parking rates Manual in the Emirate of Abu Dhabi, which includes examples of each land use and its equivalent correct use.

9. Who is authorized to submit applications for traffic studies?

- Applications are submitted by the consultant appointed on behalf of the developer:
- If the project generates less than 100 trips per hour (CP), it can be submitted by an architectural consultant or traffic consultant approved by the Integrated Transportation Center.
- If the project generates more than 100 trips per hour (TIS), it can be submitted by only a traffic consultant certified by the Integrated Transportation Center.
- If the project generates more than 2,500 trips per hour (TMP), only an ITC-certified traffic consultant must be appointed.

10. What are the government fees for traffic studies?

- Review Fees vary based on the type of application in accordance with Executive Council Resolution No. 13 of 2011:
- Circulation plans (CP) for projects that generate less than 100 trips per hour: AED 1,000.
- Traffic Impact Study (TIS) for projects generating more than 100 trips per hour: AED 5,000 + 1 AED per trip for the use of traffic model, and AED 7,500 + AED 1 per trip for the traffic impact review fee.
- Transportation Master Plan Study (TMP) for projects generating more than 2,500 trips per hour: Hourly: AED 5000 + 1 AED per trip for use of traffic model, and AED 7,500 + 1 AED per trip for traffic impact review fees.
- Renewal of (CP), (TIS), (TMP) transactions: 1,000 AED.



11. Am I required to hire a specialized traffic consultant if my project generates more than 100 trips per hour?

- Yes, a project that generates more than 100 trips per hour requires a comprehensive traffic assessment and a comprehensive traffic study by a certified traffic consultant. The Integrated Transport Center evaluated and approved a number of specialized consultants for this purpose.

12. What are the positive outcomes for me as a developer from appointing a specialized traffic consultant?

- The specialized traffic consultant helps the developer by:
 - Knowledge of traffic studies requirements, which expedites obtaining approvals.
 - Facilitating and following up on government procedures.
 - Providing plans for solutions, proposed traffic circulation and parking, according to required standards.

13. How can I know the number of Parking demand required for my project?

- The number of parking required can be inferred from Trip Generation & parking rates manual in the Emirate of Abu Dhabi, which was approved by the Executive Council Resolution No. 5 of Committee 2010/21.

14. What is the percentage of parking spaces required in my project?

- For projects in development areas: 100% of parking demand must be provided within the plot boundaries.
- For projects outside the development areas: 70% of the parking requirements must be provided within the plot boundaries as a minimum, and pay parking shortage fees for the remaining 30% at the rate of (50,000 AED) or (5,000 AED) for each parking space that is not provided within the plot in accordance with the executive council committee decision No. 6 G 26/2013.



15. What can I do if I cannot provide parking requirements within the plot boundaries?

- For projects in development areas: 100% of parking requirements must be provided within the plot boundaries.
- For projects outside development areas: 70% of the parking requirements must be provided within the plot boundaries as a minimum, and pay parking shortage fees for the remaining 30% in accordance with the executive council committee decision No. 6 G 26/2013.
- Payment of 50,000 dirhams for each parking space that is not provided within the plot boundaries for projects in urban areas.
- Payment of 5,000 dirhams for each parking space that is not provided within the plot boundaries for projects outside urban areas.
- The fees must be paid before the completion certificate is issued.

16. What are the reasons for imposing parking shortage fees?

- The allocated amounts are used to develop transportation infrastructure with the aim of reducing dependence on private cars through:
 - Developing the public transportation network.
 - Developing the road network in the emirate.
 - Improving and increasing parking spaces in the emirate.

17. Can I pay the required amount for parking deficiency fees in installments?

- Yes, the amount can be paid in installments for amounts more than two hundred and fifty thousand AED (250,000 AED) after approval of Legal Affairs Department

18. When should I start paying parking shortage fees?

- Payments must begin upon completion of the project and before obtaining completion certificates from the concerned authorities.



19. Why are some developers required to carry out road improvement works outside the plot boundaries?

- In accordance with Executive Council Resolution No. 13 of 2011 regarding the traffic impacts of urban projects in the Emirate of Abu Dhabi, the developer is responsible for all the required road improvements within the plot boundaries and the roads leading to it:
 - Article 4: The beneficiary is committed to the results of the traffic impact study and any traffic solutions that may be required.
 - Article 5: The beneficiary party is committed to implementing traffic solutions according to the plans and designs approved by the department (Integrated Transport Center) and completing them within the specified time.

20. What are the documents required to issue the Integrated Transport Center approval for the traffic study?

- The consultant must deliver the following:
 - (TIS & TMP) Traffic impact report for the road network leading to the project.
 - (CP & TIS & TMP) parking and circulation plan for the project in PDF, CAD and GIS format.
 - Undertaken letter in case of parking shortage.
 - Traffic study fee payment invoice.

21. Are there any other requirements for the Integrated Transport Center after obtaining the traffic study approval?

- Yes, it is required to submit completion certificate application by the consultant after the completion of construction work, as municipalities require obtaining a completion certificate from the Integrated Transport Center to deliver services.
- Signing the agreement regarding deficiency fees after determining the duration and installment with the legal department in the event of a parking shortage in the project.

شكراً
THANK YOU

