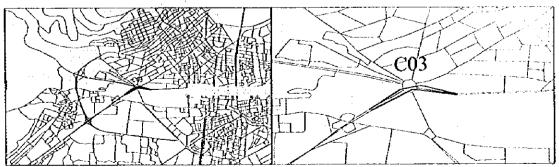
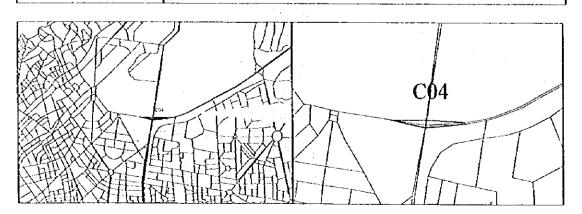
Project File		Al Umawiyeen Square				
Existing Condition		This intersection is underpasses connected mainly between Shukri Al     Quwatli and Fayez Mansoor.				
Objective		- To insure the direct connection between city center and west suburbs.				
		- To decrease the traffic congestion				
		-	and the buildings are overlooked on it.			
Segment			Total			
Location	From					
	To					
Length (met	<u> </u>	350				
Fraffic Volume	Year	2020				
Hame volume	P, Car	36,192				
	Taxi	31,888				
	M. Bus	10,708				
	Truck	2,708				
		81,592				
Work Item	Tota	61,392				
		- Studying changing the levels of I	Barada riverbed in the square.			
		- Changing the network and the op				
			ting the retaining walls and the covering			
			achieving the wide inclination are			
		- Correcting the directions of the ti	raffic movement according to the study			
		prepared for this reason.				
		Meters.	cet from the general staff around 10			
Economic Cost		150.0				
Financial Cost		247.5				
Engineering		29.7				
Right-of-Way		0.0				
Total (million S.F		277.2				
Implementation	From	2001	2 Years			
	To	2003				
Economic Return	B/C					
Remarks			through the Inner island for the square			
		without cement covering, and the decreasing the cost.	a userui tor annig, ugnung ano			
			e northern section from the Shukri Quwa			
8		that joined at present to the gene				

-



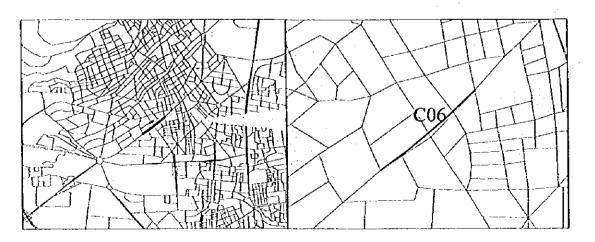
ROJECT PRO	HUC			Pre	ject No.: CO	
Project File		Al Fayha' Square				
Existing Condition		- Intersection is situated near Russian Embassy.				
		- It is underpass with two-way on the extension of 6 Tishreen - Omar Ibn AI				
			nes for each direction.			
Objective			ng the traffic currents		en and Athawi	
			Mc congestion toward			
			ic from-to city towards	s Tora river street	that required	
		extension.	under an Oline Alexandre and			
			ough traffic than local			
		• To provide the regi	llar movement for ped	estrian inrough ti		
Segment		 			Total	
	From To					
			· · · · · · · · · · · · · · · · · · ·			
Length (mete		250		• •• -• •		
Traffic Volume	Year P. Car	2020				
	r. Car Taxi	12,940				
	Taxi M. Bus	11,272				
	m dus Trick	4,004				
	Total	29,368		·		
Work Item	Totar	29,308	·····			
WOIK HEAU						
					1	
		- Changing the poly	orks, installations and	the necced nines	in intersection	
		area.	orks, instantions and	the passed pipes	in intersection	
			Southern parapet for Fa	ayha' Stadium 5 s	neters northerly	
			ing walls and covering			
		- Reviewing intersec	tions and traffic signa	ls.		
		- Providing superfic	iality passages for ped-	estrian.		
Economic Cost		100.0				
Financial Cost		165,0				
Engineering		19.8	ļ			
Right-of-Way		0.0				
Total (million S.P)		184.8				
	From	2017			2 Years	
Implementation						
	To B/C	2019				



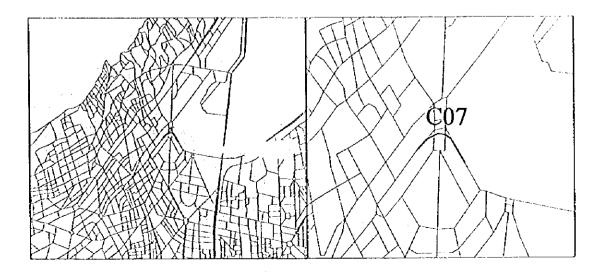
PROJECT PRO Project File		Project No.: C05					
Existing Conditio	n	<ul> <li>Intersection is underpass with two-direction on the extension of Abu Baker Al Siddiq and Mujtaheed.</li> <li>Two lanes for each direction.</li> </ul>					
Objective		<ul> <li>To provide the continuity of movement on the arterial of Inner Ring Road.</li> <li>To separate the through traffic than the local movement.</li> <li>To provide regular movement for pedestrian.</li> <li>To decrease the pollution especially for Mujtaheed Hospital.</li> </ul>					
Segment	•				1	Total	
Location	From To						
Length (me	ter)	210		·	[		
Traffic Volume	Year	2020					
	P. Car	11,988		· · · · · · · · · · · · · · · · · · ·		·····	
	Taxi	10,588					
	M. Bus	3,772					
	Truck	1,020					
	Total	27,368					
Work Item							
			installations and				
			recting the under				
		-	ersections for the				
		• Providing tral for services	fic movement wi	th two-way from	n the west sid	de of hospital	
			islands and chan	alization			
			traffic movemen		nd Mujtahee	d hospital for	
Economic Cost		84.0					
Financial Cost		138.6					
Engineering		16.6					
Right-of-Way		0.0					
Total (million S.I	·	155.2					
Implementation	From To	2011				2 Years	
Economic Return	B/C	I		L		······································	
Remarks		1					



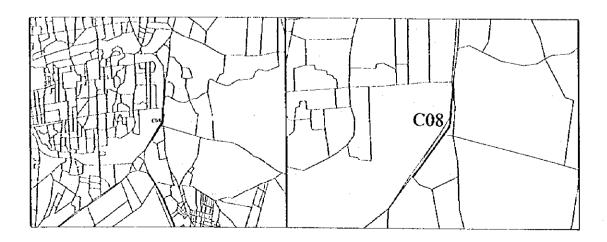
Project File		Al Mahdi Ibn Barakch and Al Jalaa' Intersee					
Existing Condition		- It is underpass with one-way and with two lanes from Al Mahdi Bin Barakah to Omar Bin Abdul Aziz through Al Jalaa' Street.					
Objective		<ul> <li>To provide the continuity of movement fro south city</li> <li>To separate the through traffic from local n</li> <li>To decrease the pollution and delay</li> </ul>					
Segment	· · · · · · · · · · · · · · · · · · ·		Total				
Location	From						
	То						
Length (met	er)	210					
Traffic Volume	Year	2020					
	P. Car	0					
	Taxi	0					
	M. Bus	0					
	Truck	0					
Total		0					
Work Item							
		- Changing the installations and network in	the intersecting area.				
		- Digging and crecting underpass.					
		- Reviewing the intersections.					
		<ul> <li>Constructing islands and canalization.</li> <li>Providing movement with two-directions i building.</li> </ul>	n front of Vice President's				
Economic Cost		42.0					
Financial Cost		69.3					
Engineering		8.3					
Right-of-Way		0.0					
Total (million S.P)		77.6	·				
Implementation	From	2012	2 Year				
	То	2014					
Economic Return	B/C						
Remarks		1					



Project Name		Hittin Square Underpass					
Existing Condition		<ul> <li>It is underpass with one-way, two lanes from Omar Bin Al Khatab to Oqbah Bin Naffaa' through Hittin square.</li> </ul>					
Objective		<ul> <li>To provide the Umawiyeen</li> <li>To separate th</li> <li>To decrease th</li> </ul>	e through tra	flic from loc	from Omar Ibn A al movement.	l Khatab to	
Segment					1	Total	
Location	From						
	То						
	(meter)	200				200	
Traffic Volume	Year	2020					
	P. Car	10,472					
	Taxi	9,134					
	M. Bus	3,236					
	Truck	950					
Work Item	Total	23,792					
work nem							
						ļ	
		- Studying rive	rbed within i	ntersecting a	rca.	l	
		- Changing the					
		- Constructing	the underpas	s under the ri	iverbed.		
		- Reorganizing	the square as	nd intersection	ons.		
Economic Cost		40.0				40.0	
Financial Cost		66.0				66.	
Engineering		7.9				7.9	
Right-of-Way		0.0				0.0	
Total (million S.)		73.9				73.9	
Implementation	From	2007					
Economic Return	To n B/C	2009					
Remarks			1		L	l	



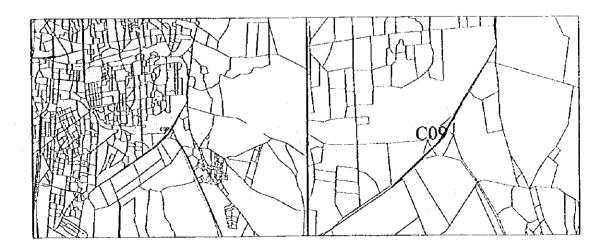
Project File		Bab Sharki Square				
Existing Condition	1	- It is underpass with two lanes, one-way from the airport ring road to Al Sheikh Raslan.				
Objective		- To separate the through traffic from the l	ocal movement.			
		- To decrease the congestion on the square	especially for left movement			
		- To organize the pedestrian movement				
		- To decrease the pollution.				
Segment			Total			
location	From					
	То					
Length (met	.cr)	300				
Fraffic Volume	Year	2020				
	P. car	19,314				
	Taxi	15,992				
	M. Bus	5,892				
	Truck	2,274				
	Total	43,472				
Work Item		······································				
		- Changing the installations and networks	in the intersecting area			
		- Digging the underpass and constructing				
		- Organizing ring road above the intersect	ing area			
Economic Cost		60.0				
Financial Cost		99.0				
Engineering		11.9				
Right-of-Way		0.0				
Total (million S.F	)	110.9				
Implementation	From	2001	2 Years			
	То	2003				
Economic Return	B/C					
Remarks	_1	- The underpass alignment should be mod	ified according to the study is			
		reserved by the governorate, taking into c	onsideration the path of road			
		between Sheikh Raslan and Bab Sharqi is	supposed to widen.			



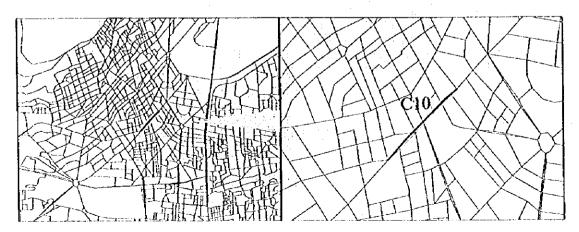
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Project No.: C09

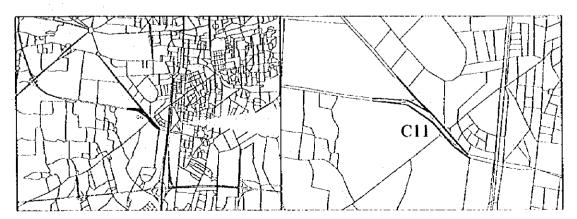
Project File			Hassan Al Kharat Square										
Existing Condition	_	- It is underpass with one-way, two lanes form Ibn Assaker to Bab Sharqi											
Objective		<ul> <li>To provide the continuity of movement on the Inner Ring Road.</li> <li>To separate between the through traffic and local movement.</li> <li>To decrease the delay and pollution.</li> </ul>											
							Segment						Total
							Location	From					
	То												
Length (mete	er)	225											
Traffic Volume	Year	2020											
	P. Car	16,138											
	Taxi	13,702											
	M. Bus	5,554											
	Truck	1,860											
	Total	37,254											
Work Item	- <b>L</b>			······									
		- Changing the	installations and	networks in inte	ersecting area								
		- Constructing	underpass										
		- Reorganizing	the square.										
			movement direct										
			pedestrian under		eterinary school	and							
			ablishment Airp	ort Street.									
Economic Cost		45.0			Ì								
Financial Cost		74.3											
Engincering		8.9											
Right-of-Way		0.0											
Total (million S.P		83.2											
Implementation	From	2017		]		2 Years							
	To	2019											
Economic Return	B/C		L	<u> </u>									
Remarks													



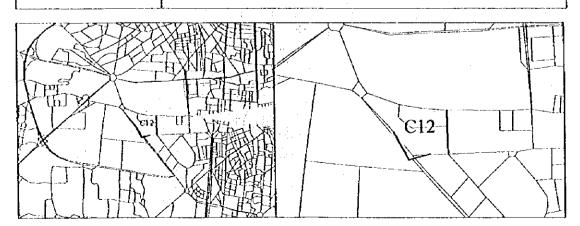
roject File		8 March (Arnon	s Square)		·		
Existing Condition		<ul> <li>It is cars underpass with two lanes, one-way from Mahdi Bin Barakah to Shahbander through 8 March, which it's supposed constructing cars parking under park(capacity 400 cars)</li> </ul>					
		<ul> <li>To provide the continuity of movement from Uniawiyeen to north-east city.</li> <li>To separate the through traffic from local movement.</li> </ul>					
		<ul> <li>To separate the</li> <li>To decrease the</li> </ul>	-		cal movem	ent.	
Segment				·	1		Total
Location	From	·····					
	То						
.cngth (me	ter)	300					
fraffic Volume	Year	2020					
P	P. Car	0					
	Taxi	0					
	M. Bus	0					
	Truck	0					
	Total	0					
Work Item							
		- Changing the					
		- Reviewing wi - Constructing t					ingundar
		- Constructing park.	ne underpa	s in the righ	t of sugges	icu cars park	mg anaci
		- Intersection st	udy and fin	ding ring ro.	nd to conne	ct the streets	connected th
1		square.	·	0 0			
		- Providing ped	estrian pass	age.			
Economic Cost		60.0					
Financial Cost		99.0					
Engineering		11.9		1			
Right-of-Way		0.0				<b>-</b>	
L	illion S.P						
Implementation	From	2011					ars
Economic Return	To 1 B/C	2013					
Remarks	I B/C					l	



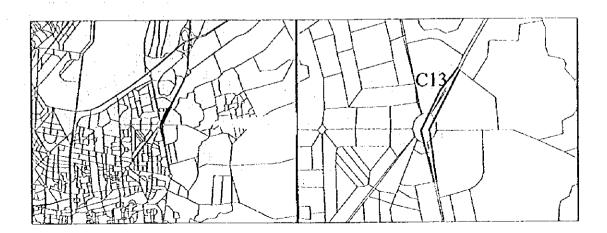
Project File		17 April and Kafer Susseh Square				
Existing Condition		<ul> <li>It connects between 17 April and Abu Baker Al Siddiq till Kafer Susseh Square by underpass with two-way and two lanes in each direction.</li> <li>It is possible providing exit from the underpass from the side of Kafer Susseh to Abu Baker Al Siddiq.</li> </ul>				
Objective		<ul> <li>To provide the continuity of movement of with 17 April.</li> <li>To separate between the passing movement</li> <li>To decrease the traffic congestion and pole</li> </ul>	nt and local movement.			
Segment			Total			
Location	From To					
Length (met	er)	450				
Fraffic Volume	Year	2020				
	P. Car	15,152				
	Taxi	13,000				
	M. Bus	4,916				
	Truck	1,388				
	Total	34,456				
Work Item						
		<ul> <li>Changing the installations and networks a location.</li> <li>Digging and constructing the underpass.</li> <li>Providing exit from the underpass to Bass</li> </ul>	el Assad square.			
		- Reorganizing the intersection for local me	ovement.			
		- Finding appropriate cars parking.				
Economic Cost		180.0				
Financial Cost		297.0				
Engineering		35.6				
Right-of-Way		0.0				
Total (million S.P	)  From	332.6	2 Years			
Implementation	To	2012	2 1 cars			
Economic Return	B/C	2014				
Remarks		l	<u>l</u>			



Baker As Siddie - To cancel the - To decrease II - To provide the two directions.	with two lanes a q to Ali Bin Abi through traffic in ne delay and polle continuity of move a fluidity of move	Tateb. Palestine street in ition in the zone. ovement on the A	near university co Abu Baker As Sid	lleges.
- To cancel the - To decrease th - To provide the two directions. - To provide the 200 2020 10,764 9,102 3,278	through traffic in ac delay and polle c continuity of mo	Palestine street in tion in the zone. ovement on the A	Abu Baker As Sid	diq with
- To decrease th - To provide the two directions. - To provide the 200 2020 10,764 9,102 5, 3,278	e delay and pollu continuity of me	ition in the zone. ovement on the A	Abu Baker As Sid	diq with
- To provide the two directions. - To provide the 200 2020 10,764 9,102 3,278	e continuity of mo	ovement on the A	Abu Baker As Sid	Total
two directions. - To provide the 200 2020 10,764 9,102 3,278	•			Total
200 2020 10,764 9,102 3,278				
2020 10,764 9,102 5 3,278				
2020 10,764 9,102 5 3,278				20
2020 10,764 9,102 5 3,278				20
2020 10,764 9,102 5 3,278			· · · · · · · · · · · · · · · · · · ·	-
10,764 9,102 5 3,278			1	-L
9,102 3,278				1
3.278		1		
840				
- f				
23,994				
- Changing the	installations and	networks in the	ground in intersec	ting area
				0
· · · ·	locate median is	land on Abu Bak	er As Siddiq and	Ali Bin
	the intercecting	163		
	·····	1	T	
66.0				
7.9				
0.0				
				2 Year
2012			_	
		·		_ <b>_</b> ]
		affic movement o	on Palestine stree	t when
-	<ul> <li>Digging and</li> <li>Reviewing to Abi Tateb.</li> <li>Reorganizing</li> <li>Providing the Changing the 66.0 7.9 0.0</li> <li>73.9 2010 2012</li> <li>Reviewing the</li> </ul>	<ul> <li>Digging and crecting the under</li> <li>Reviewing to locate median is Abi Tateb.</li> <li>Reorganizing the intersecting a</li> <li>Providing the pedestrian move</li> <li>Changing the directions of traffections of traffections</li> <li>40.0</li> <li>66.0</li> <li>7.9</li> <li>0.0</li> <li>73.9</li> <li>2010</li> <li>2012</li> </ul>	<ul> <li>Digging and crecting the underpass.</li> <li>Reviewing to locate median island on Abu Bak Abi Tateb.</li> <li>Reorganizing the intersecting area.</li> <li>Providing the pedestrian movement.</li> <li>Changing the directions of traffic movement.</li> <li>40.0</li> <li>66.0</li> <li>7.9</li> <li>0.0</li> <li>73.9</li> <li>2010</li> <li>2012</li> <li>Reviewing the directions of traffic movement of traffic movement.</li> </ul>	Reviewing to locate median island on Abu Baker As Siddiq and Abi Tateb.     Reorganizing the intersecting area.     Providing the pedestrian movement.     Changing the directions of traffic movement.     40.0     66.0     7.9     0.0     73.9     2010     2012     exviewing the directions of traffic movement on Palestine stree



Project No.: C13 Abbasiyeen Square Project File - It is underpass with two-ways and two lanes for each direction **Existing Condition** - It connects Fares Al Khuri street and Nasira. - To decrease the traffic congestion on the square. Objective To provide the continuity of main movement through underpass To separate the through traffic and local movement. To decrease the pollution and delay. Total Segment From Location To 270 Length (meter) 2020 Traffic Volume Year Р. Саг 0 Taxi 0 0 M. Bus Truck 0 Ò Total Work Item Changing the installations and ground network in intersecting area. Digging and crecting underpass. Keeping the median island in Fares Khuri street. Facilitating the pedestrian's movement. Economic Cost 108.0 178.2 Financial Cost Engineering 21.4 0.0 Right-of-Way Total (million S.P) 199.6 2 Years 2019 Implementation From То 2021 Economic Return B/C - The underpass can be opened in the inner island of the square. Remarks It is preferred choosing the path of underpass in Fares Al Khuri Street to avoid removing the existing trees in the median island at present.



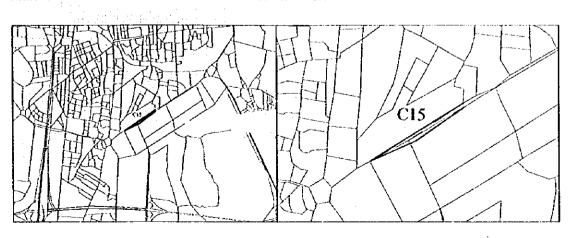
PROJECT	DROEHE
PROJECT	PROPERT

PROJECT_PR Project File		Project No.: C14 Bab Mussalla Square				
Existing Condition		- It is underpass with two-ways and two lanes for each direction connecting				
Along condition		between Mujtaheed street and Ibn Assaker street through Bab Mussalla				
		square.	<i>8</i>			
Objective		- To provide the continuity of movement on	the Inner Ring Road.			
2		- To separate between through traffic and lo	-			
		- To decrease the traffic congestion on the se	juare.			
		- To decrease the delay and pollution.	-			
Segment			Total			
Location	From	·				
	То					
Length (m	eter)	230				
Traffic Volume	Year	2020				
Thanke Foldine	P. Car	40,420				
	Taxi	35,868				
	M. Bus	13,068				
	Tnick	3,724				
	Total	93,080				
Work Item						
WORK IICHI						
		Changing the installations and sound ast				
		<ul> <li>Changing the installations and ground network underpass.</li> </ul>	Nork in the location of			
		- Digging and constructing underpass.				
1		- Modifying the movement on the square.				
		- Canceling the cars stop on the square.				
1		- Organizing the pedestrian movement.				
Economic Cost		91.7				
Financial Cost		151.3				
Engineering		18.2				
Right-of-Way		0.0				
Total (million S	D)	169.4				
Implementation		2001	2 Year			
inspictation		2001	Z Tças			
L'aspennis Detu		2003				
Economic Retur	m p/c					
Remarks		- Requiring returning the traffic on Ibn Ass.				
		reversing the direction of movement on C Assaker, making a part of entrance overlo				
		with two-way.	white the square towards zailita			
		- Underpass can be opened in part is situate	d within the inner island for the			
1						



Project No.: C15

xisting Condition       - It is underpass with two-way and two lanes for each direction in the Assaker in the intersecting area with extension AI Qads Street that directing to the north side of Ibn Assaker street towards AI -Beit Street.         bjective       - To provide the connection between south and north of the City - To provide the connection between south and north of the City - To decrease the traffic congestion in intersecting area. - To control the pedestrian movement.         cgment       - To tool the pedestrian movement.         cgment       - To a 230         craftic Volume       Year         P. Car       32,316         Taxi       28,512         M. Bus       10,632         Track       3,112         Total       74,572         Vork Item       - Changing the installations in the intersecting area.         - Digging and creeting the underpass.       - Demolition about 8 old shops and stalls.         - Reorganizing the traffic movement and intersection.       - Passing through small park.         - Controlling the island and canalization.       - Passing through small park.         - Controlling the island and canalization.       2 Years         Bight-of-Way       0.0         Total       72.01         Total       72.01         Total       72.01         Passing through small park.       - Controlling the islan	Project File		Ibn Assaker and Al Quds Intersection					
bijective       to the north side of Ibn Assaker street towards A1 -Beit Street.         >bijective       - To provide the continuity of movement on the Inner Ring Road.         - To provide the connection between south and north of the City       - To decrease the traffic congestion in intersecting area.         - To control the pedestrian movement.       - To total         cocation       From To       - To control the pedestrian movement.         cocation       Prom To       - To all         P. Car       32.316	Existing Condition	1						
bjcctive       - To provide the continuity of movement on the Inner Ring Road.         - To provide the connection between south and north of the City         - To control the pedestrian movement.         cgment			Assaker in the intersecting area with extension AI Quds Street that directing					
- To provide the connection between south and north of the City         - To decrease the traffic congestion in intersecting area.         - To control the pedestrian movement.         cegnent       Total         cocation       From         To       230         raffic Volume       Year         P. Car       32,316         Taxi       28,512         M. Bus       10,632         Truck       3,112         Total       74,572         Vork Item       - Changing the installations in the intersecting area.         Digging and erecting the underpass.       - Demolition about 8 old shops and stalls.         - Reorganizing the traffic movement and intersection.       - Passing through small park.         - Controlling the island and canalization.       - Controlling the island and canalization.         Economic Cost       92.0         Financial Cost       151.8         Bright-of-Way       0.0         Total       70.0         Implementation       From         Total       2017         Total       70.0         Implementation       B/C								
<ul> <li>To decrease the traffic congestion in intersecting area.</li> <li>To control the pedestrian movement.</li> <li>Total</li> <li>ocation</li> <li>From To</li> <li>congth (meter)</li> <li>230</li> <li>Taffic Volume</li> <li>Year</li> <li>2020</li> <li>P. Car</li> <li>32,316</li> <li>Taxi</li> <li>28,512</li> <li>M. Bus</li> <li>10,632</li> <li>Truck</li> <li>3,112</li> <li>Total</li> <li>74,572</li> <li>Vork Item</li> <li>Changing the installations in the intersecting area.</li> <li>Digging and erecting the underpass.</li> <li>Demolition about 8 old shops and stalls.</li> <li>Reorganizing the traffic movement and intersection.</li> <li>Passing through small park.</li> <li>Controlling the island and canalization.</li> <li>Controllin</li></ul>	Objective			•		+		
- To control the pedestrian movement. cegment To Total Total ocation From To 230 cength (meter) 230 Yatlie Volume Year 2020 P. Car 32,316 Taxi 28,512 M. Bus 10,632 Truck 3,112 Total 74,572 Vork Item - Changing the installations in the intersecting area. - Digging and erecting the underpass. - Demolition about 8 old shops and stalls. - Reorganizing the traffic movement and intersection. - Passing through small park. - Controlling the island and canalization. Economic Cost 92.0 Financial Cost 151.8 Engineering 18.2 Right-of-Way 0.0 Fotat (million S.P) 170.0 Economic Return B/C							City	
cgment       Total         .ocation       From To         .cength       (meter)         230       230         'raffic Volume       Year         P. Car       32,316         Taxi       28,512         M. Bus       10,632         Truck       3,112         Total       74,572         Vork Item       - Changing the installations in the intersecting area.         - Digging and creeting the underpass.         - Demolition about 8 old shops and stalls.         - Reorganizing the traffic movement and intersection.         - Passing through small park.         - Controlling the island and canalization.         Economic Cost       92.0         Financial Cost       151.8         Engineering       18.2         Right-of-Way       0.0         Total       770.0         Implementation       From         To       2019			•			ecting area.		
cocation       From To       From To         rength       (meter)       230         'rattic Volume       Year       2020         P. Car       32,316         Taxi       28,512         M. Bus       10,632         Truck       3,112         Total       74,572         Vork Item       - Changing the installations in the intersecting area.         - Digging and creeting the underpass.         - Demolition about 8 old shops and stalls.         - Reorganizing the traffic movement and intersection.         - Passing through small park.         - Controlling the island and canalization.         Economic Cost       92.0         Financial Cost       151.8         Engineering       18.2         Right-of-Way       0.0         Cotat (million S.P)       170.0         Implementation       From       2017         To       2019       2			- To control the pe	destrian mov	ement.			
To       230         cength (meter)       230         Yaffie Volume       Year       2020         P. Car       32,316         Taxi       28,512         M. Bus       10,632         Tnick       3,112         Total       74,572         Vork Item       - Changing the installations in the intersecting area.         - Digging and creeting the underpass.         - Demolition about 8 old shops and stalls.         - Reorganizing the traffic movement and intersection.         - Passing through small park.         - Controlling the island and canalization.         Economic Cost       92.0         Financial Cost       151.8         Engineering       18.2         Right-of-Way       0.0         Total (million S.P)       170.0         Implementation       From 2017         To       2019		· · · · · · · · · · · · · · · · · · ·					Total	
cength (netter)       230         'raffic Volume       Year       2020         P. Car       32,316         Taxi       28,512         M. Bus       10,632         Track       3,112         Total       74,572         Vork Item       - Changing the installations in the intersecting area.         Digging and creeting the underpass.         - Demolition about 8 old shops and stalls.         - Reorganizing the traffic movement and intersection.         - Passing through small park.         - Controlling the island and canalization.         Economic Cost       92.0         Financial Cost       151.8         Engineering       18.2         Right-of-Way       0.0         Total (million S.P)       170.0         Implementation       From         Z019       2 Years	Location					1		
Year       2020         Yaffic Volume       Year       2020         P. Car       32,316         Taxi       28,512         M. Bus       10,632         Truck       3,112         Total       74,572         Vork Item       - Changing the installations in the intersecting area.         - Digging and crecting the underpass.         - Denolition about 8 old shops and stalls.         - Reorganizing the traffic movement and intersection.         - Passing through small park.         - Controlling the island and canalization.         Economic Cost       92.0         Financial Cost       151.8         Engineering       18.2         Right-of-Way       0.0         From       2017         To       2019         Economic Return       B/C								
P. Car       32,316         Taxi       28,512         M. Bus       10,632         Tnick       3,112         Total       74,572         Vork Item       - Changing the installations in the intersecting area.         - Digging and erceting the underpass.         - Demolition about 8 old shops and stalls.         - Reorganizing the traffic movement and intersection.         - Passing through small park.         - Controlling the island and canalization.         Economic Cost       92.0         Financial Cost       151.8         Engineering       18.2         Right-of-Way       0.0         Total (million S.P)       170.0         Implementation       From       2017         To       2019			1					
Taxi       28,512         M. Bus       10,632         Truck       3,112         Total       74,572         Vork Item       - Changing the installations in the intersecting area.         - Digging and erecting the underpass.         - Demolition about 8 old shops and stalls.         - Reorganizing the traffic movement and intersection.         - Passing through small park.         - Controlling the island and canalization.         Economic Cost       92.0         Financial Cost       151.8         Engineering       18.2         Right-of-Way       0.0         Total (million S.P)       170.0         Implementation       From         Zotal       2 Years         To       2019	Traffic Volume		I I					
M. Bus       10,632         Truck       3,112         Total       74,572         Vork Item       - Changing the installations in the intersecting area.         Digging and crecting the underpass.         Demolition about 8 old shops and stalls.         Reorganizing the traffic movement and intersection.         Passing through small park.         Controlling the island and canalization.         Economic Cost       92.0         Financial Cost       151.8         Engineering       18.2         Right-of-Way       0.0         From       2017         To       2019         Economic Return       B/C			· · ·					
Track       3,112         Total       74,572         Work Item       - Changing the installations in the intersecting area.         - Oigging and crecting the underpass.         - Denolition about 8 old shops and stalls.         - Reorganizing the traffic movement and intersection.         - Passing through small park.         - Controlling the island and canalization.         Economic Cost       92.0         Financial Cost       151.8         Engineering       18.2         Right-of-Way       0.0         Induction S.P)       170.0         Implementation       From         Economic Return       B/C		1						
Total       74,572         Work Item       - Changing the installations in the intersecting area.         - Digging and crecting the underpass.       - Demolition about 8 old shops and stalls.         - Reorganizing the traffic movement and intersection.       - Passing through small park.         - Controlling the island and canalization.         Economic Cost       92.0         Financial Cost       151.8         Engineering       18.2         Right-of-Way       0.0         Intelling from       2017         Total (million S.P)       170.0         Implementation       From         Economic Return       B/C		M. Bus						
Work Item       - Changing the installations in the intersecting area.         - Digging and crecting the underpass.         - Demolition about 8 old shops and stalls.         - Reorganizing the traffic movement and intersection.         - Passing through small park.         - Controlling the island and canalization.         Economic Cost       92.0         Financial Cost       151.8         Engineering       18.2         Right-of-Way       0.0         Fotal (million S.P)       170.0         Implementation       From       2017         To       2019         Economic Return       B/C       151.8								
- Changing the installations in the intersecting area.         - Digging and erecting the underpass.         - Demolition about 8 old shops and stalls.         - Reorganizing the traffic movement and intersection.         - Passing through small park.         - Controlling the island and canalization.         Economic Cost         Financial Cost         Engineering         Right-of-Way         Ootal (million S.P)         Itom         2 Years         To         2019         Economic Return		Total	74,572					
<ul> <li>Digging and erecting the underpass.</li> <li>Demolition about 8 old shops and stalls.</li> <li>Reorganizing the traffic movement and intersection.</li> <li>Passing through small park.</li> <li>Controlling the island and canalization.</li> <li>Economic Cost</li> <li>Post 151.8</li> <li>Engineering</li> <li>Right-of-Way</li> <li>Total (million S.P)</li> <li>Trom 2017</li> <li>To 2019</li> <li>Economic Return</li> <li>B/C</li> </ul>	Work Item							
<ul> <li>Digging and erecting the underpass.</li> <li>Demolition about 8 old shops and stalls.</li> <li>Reorganizing the traffic movement and intersection.</li> <li>Passing through small park.</li> <li>Controlling the island and canalization.</li> <li>Economic Cost</li> <li>Post 151.8</li> <li>Engineering</li> <li>Right-of-Way</li> <li>Total (million S.P)</li> <li>Trom 2017</li> <li>To 2019</li> <li>Economic Return</li> <li>B/C</li> </ul>								
<ul> <li>Digging and erecting the underpass.</li> <li>Demolition about 8 old shops and stalls.</li> <li>Reorganizing the traffic movement and intersection.</li> <li>Passing through small park.</li> <li>Controlling the island and canalization.</li> <li>Economic Cost</li> <li>Post 151.8</li> <li>Engineering</li> <li>Right-of-Way</li> <li>Total (million S.P)</li> <li>Trom 2017</li> <li>To 2019</li> <li>Economic Return</li> <li>B/C</li> </ul>			· · ·					
- Demolition about 8 old shops and stalls.         - Reorganizing the traffic movement and intersection.         - Passing through small park.         - Controlling the island and canalization.         Economic Cost       92.0         Financial Cost       151.8         Engineering       18.2         Right-of-Way       0.0         Total (million S.P)       170.0         Implementation       From         Z017       70         To       2019         Economic Return       B/C			- Changing the ins	stallations in (	the intersecti	ng area.		
• Reorganizing the traffic movement and intersection.         • Passing through small park.         • Controlling the island and canalization.         Economic Cost       92.0         Financial Cost       151.8         Engineering       18.2         Right-of-Way       0.0         Fotat (million S.P)       170.0         Implementation       From       2017         To       2019         Economic Return       B/C				×				
<ul> <li>Passing through small park.</li> <li>Controlling the island and canalization.</li> <li>Economic Cost</li> <li>Financial Cost</li> <li>I51.8</li> <li>Engineering</li> <li>Right-of-Way</li> <li>0.0</li> <li>Fotat (million S.P)</li> <li>Inplementation</li> <li>From 2017</li> <li>To 2019</li> <li>Economic Return</li> <li>B/C</li> </ul>				-				
- Controlling the island and canalization.         Economic Cost       92.0         Financial Cost       151.8         Engineering       18.2         Right-of-Way       0.0         Fotal (million S.P)       170.0         Implementation       From       2017         To       2019         Economic Return       B/C					ment and in	tersection.		
Economic Cost     92.0       Financial Cost     151.8       Engineering     18.2       Right-of-Way     0.0       Total (million S.P)     170.0       Implementation     From       To     2017       To     2019       Economic Return     B/C								
Financial Cost     151.8       Engineering     18.2       Right-of-Way     0.0       Total (million S.P)     170.0       Implementation     From       To     2017       To     2019       Economic Return     B/C								
Engineering     18.2       Right-of-Way     0.0       Fotat (million S.P)     170.0       Implementation     From       2017     2019       To     2019       Economic Return     B/C								
Right-of-Way     0.0       Fotal (million S.P)     170.0       Implementation     From     2017       To     2019       Economic Return     B/C								
Fotal (million S.P)170.0ImplementationFrom2017To20192019Economic ReturnB/C1000	•							
Implementation From 2017 To 2019 Economic Return B/C	Right-of-Way							
To     2019       Economic Return     B/C								
Economic Return B/C	Implementation						2 Years	
			2019					
Remarks		B/C						
	Remarks							
	· · · · · ·	· · · · ·			···			



PROJECT PRO Project Name	<u>EUTE</u>	Bassel Al Assad Square Underpass	Project No.: C16				
Existing Condition		- It is underpass with two lanes and one-way from Abu Baker As Siddiq to Al Mazzeh through Bassel Al Assad Square to provide the left-turn.					
Objective		To provide fast access to heavy left-turn t					
Jojeene		• To separate between the main movements					
		• To separate between the main movements • To decrease the traffic congestion on the					
		- To organize the pedestrian movement.	square.				
		- To organize the pedestrian movement.					
Segment	T		Total				
Location	From						
	То						
Length (met	er)	250	250				
Fraffic Volume	Year	2020					
	P. Car	11,880					
	Taxi	9,682					
	M. Bus	3,632					
	Truck	868					
	Total	26,062					
Work Item:							
Underpass Constr	action	250					
		- Studying the path of the rail way and its I	evels.				
		- Studying the possibility of providing car					
		- Reorganizing the square and islands /can					
		- Providing at-grade passage for pedestrian					
		- Restudying the directions of the moveme					
Economic Cost		50.0	50.0				
Financial Cost		82.5	82.5				
		9.9					
Engineering			9.9				
Right-of-Way		0.0	0.0				
Total (million S.F		92.4	92.4				
Implementation	From	2017					
	То	2019	·				
Economic Return	B/C						
Remarks		- It's supposed constructing Cars parking u					
		consideration this parking through the stu	idy and executing the suggested				
		underpass					
		- It is desired canceling the entry and exit	of cars and from-to square				
		towards the Campus of civil facultics.					
		<ul> <li>Entry and exist can be through Palestine directions.</li> </ul>	street after reversing the				
	7	KART HK W	TT-				
	$\geq 1$	4×L×HEAD					
AL LI			$\mathbf{X}$				
	3-44 C	HXIVI C	$\langle \rangle$				
STIT C		FINA	<u>C16</u>				
ALTINT	B	cie una cienta de la companya					
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1891-1 /							
	6						
100-100							
B-X							

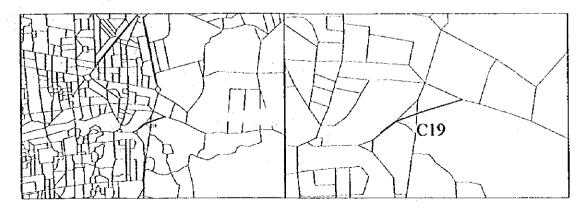
Project File		Al Mowassat Square					
Existing Condition	1	<ul> <li>It is underpass with two-ways and two lanes for each directions located on the extension of the Inner Ring Road when intersecting with Mazzeh road and extension of Palestine.</li> </ul>					
Objective		- To provide the co	ntinuity of m	ovement on	the Inner Ring	Road.	
-		- To separate betwe	en the throug	gh traffic and	llocal moveme	nt.	
		- To decrease the d	elay and the	pollution.			
Segment						Total	
Location	From			1			
	То						
Length (me	ter)	300					
Traffic Volume	Year	2020					
	P. Car	7,244					
	Taxi	6,060					
	M. Bos	2,144				1	
	Truck	728					
	Total	16,176					
Work Item							
		- Changing the inst	allations und	lerground in t	he location of u	inderpass	
		- Digging and creck		-			
		<ul> <li>Modifying the dir</li> </ul>			ent.		
		- Organizing the pa					
		<ul> <li>Taking into consi</li> </ul>			passing the squ	are.	
		- Canceling the car	s parking on	the square.			
Economic Cost		120.0					
Financial Cost		198.0					
Engineering		23.8					
Right-of-Way		0.0					
Total (million S.P)		221.8		<b> </b>			
Implementation	From	2019				2 Years	
	To	2021		ļ			
Economic Return	B/C		· · · · · · · · · · · · · · · · · · ·		<b>I</b>		
Remarks		- It's preferred to re					
		square to make exit and entry Mowassat Hospital from the southern side for the hospital not from the square.					



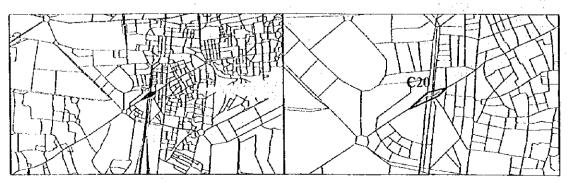
Project File		Sheikh Raslan - Bilal Square				
Existing Condition		<ul> <li>It is underpass with two-ways and two lanes for each direction through AI Sheikh Raslan Square and Bila Square.</li> </ul>				
Objective		- To provide the			the Inner Ri	ng Road.
	i	- To separate the				•
		- To decrease the	e delay and j	ollution		
Segment				]	· · · · · · · · · · · · · · · · · · ·	Total
Location	From					
	То					
Length (mete	r)	450			-	
Traffic Volume	Year	2020				
	P. Car	20,032				
	Taxi	16,648				
	M. Bus	6.100				
	Truck	2,332				
	Total	45,112				
		<ul> <li>Changing the p the Al Attayq A</li> <li>Changing the p</li> <li>Changing the p</li> <li>Digging and co</li> <li>Reorganizing to</li> </ul>	Area. sewerage sar iverbed pass onstructing t	illary passing the sing the second seco	e intersectin d organizing	g arca. its path
Economic Cost		180.0				T
Financial Cost		297.0				
Engineering		35.6				1
Right-of-Way		0.0				
Total		332.6				
Implementation	From	2011				2 Years
	To	2013				
Economic Return	B/C				1	
Remarks		<ul> <li>Studying al-gr cars parking po centers existing</li> </ul>	ermitted nea	ent, bus-stop of r the establishm	public transp ents and gov	ort vehicles ar ernmental



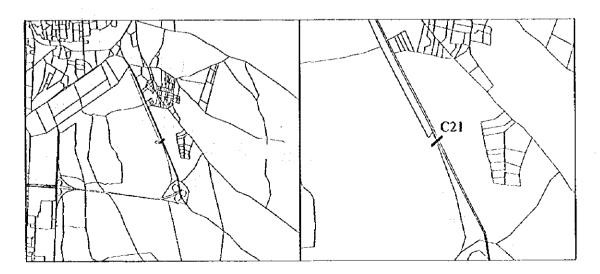
PROJECT PRO	FILE	Project No.: C19					
Project File		Sheikh Raslan-Zablatani Overpass					
Existing Condition		<ul> <li>It directs from the inside of the Old City to Zablatani and above the street that is passed by Sewerage sanitary channel and partly above the part specified for constructing the hotel.</li> <li>It is one-ways with two lanes.</li> </ul>					
Objective		<ul> <li>To Facilitate the discharge from inside the Old City and North Wall Street to Zablatani to Southern Bypass.</li> <li>To separate between the through traffic and local movements.</li> <li>To decrease the delay and pollution.</li> </ul>					
Segment	· . <u> </u>		Total				
Location	From To						
Length (meto	त्र)	400					
Traffic Volume	Year						
	P. Car	0					
	Taxi	0					
	M. Bus	0					
	Trick	0					
	Total	0					
Work Item							
		- Studying the path of sewerage sanitary c					
		- Studying the riverbed and constructing it					
		<ul> <li>Installing the bases and bridge in the mid</li> </ul>					
		- Keeping the local movement neighboring					
		- Constructing pavements and organizing	-				
		- Reviewing the surface intersection under	the bridge.				
Economic Cost		80.0					
Financial Cost		132.0 15.8					
Engineering Right-of-Way		0.0					
Total (million S.P)		147.8					
Implementation	From	2011	3 Years				
Implementation	То	2014					
Economic Return	B/C						
Remarks		- This Overpass will allow facilitating the	exit from Old City.				



ROJECT PROP roject File		Project No.: C20           Bab Sereeja Bridge over South Entrance				
Existing Condition		- It is concrete cover for part of underpass is desired to construct on the				
Existing Continuon		extension of So			uesned to constru	ict on the
					with superficial	other
		movements			· · · · · · · · · · · · · · · · · · ·	
		- It is connecting	between Bab S	erecja zone t	owards Abn Mou	issa Al Asha'i
					ies for each direc	
Dbjective					ecja zone towards	
		6 · · · · · · · · · · · · · · · · · · ·	<b>-</b>		through the brid	
		- To decrease the	-			<b>.</b>
			• •		and local moven	ent ·
Segment						Total
	From					
	То			1		
ength (mete		50				
······································	<u>+)</u> Year					
	P. Car	10,704				
	r. Car Taxi			5		
	Taxi M. Bus	12,268				
	M. Dus Truck	4,704				
		2,252				
	Total	29,928		<b>_</b>		
Work Item						
					bit Al Ansari and	
					Ihman Bin Afan.	
				coordination	with the mention	ca tunnei.
		- Moving the pat				
		- Reorganizing t				
			ation Islands It	or the at-grad	e movement and	peceesinan
Economic Cost		passages.				
Financial Cost		33.0				
Engineering		4.0				
Right-of-Way		0,0				
Total (million S.P)		37.0			<b></b>	
Implementation	From	2014				2
mprementation	То	2014				2 years
Economic Return	B/C	2010				
Economic Keium	D/C	1		1	1	



PROJECT PROFILE		At Tabbaalch Bridge over Airport Highway					
Existing Conditio		- Bridge passes the international airport road with two-ways and two lanes					
EXisting Contation		for each direction.	on road with two-ways and two nates				
Objective							
Segment	· · · · · · · · · · · · · · · · · · ·		Total				
Location	From To						
Length (nk	ter)	150	150				
Traffic Volume	Year	2020					
	P. Car	3,480					
	Taxi	4,192					
	M. Bus	1,508					
	Truck	508					
	Total	9,688					
Work Item							
		- Studying the location accurately to					
		- Constructing the columns and brid	•				
		<ul> <li>Studying the traffic connecting with road.</li> </ul>	th the bridge and international airport				
Economic Cost		60.0	60.				
Financial Cost		99.0	99.				
Engineering		11.9	11.				
Right-of-Way		0.0	0.				
Total (million SP)		110.9	110.				
Implementation	From	2017					
	То	2019					
Economic Return	ι B/C						
Remarks							



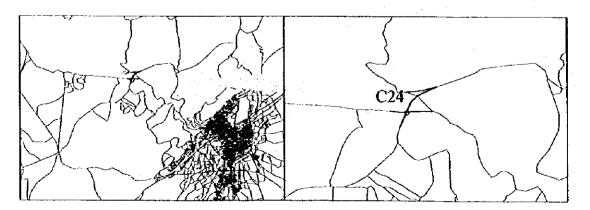
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		Victoria Bridge	Extension			t No.: C22	
Project File Existing Condition	 <b>\</b>						
saisting contaitor	•	- It is situated with two-ways and two lanes for each direction. - It is required to extend towards Al Thawra above Youssef Al Azmeh street					
				arjch and Youssel			
				ditional side ram			
Objective						ш <u>і</u> ў	
Jojective				oussef Al Azmet	i street.		
				ilable at present.			
				ugh traffic and loo			
		- To provide th	e continuity of	movement, increa	sing of discharg	e and	
		decreasing the					
		- 10 organize u	le pedestrian m	ovement,			
Segment						Total	
Location	From						
	То						
Length (me	ler)	100					
Iraffic Volume	Year	2020					
	P. Car	24,336					
	Taxi	29,608		1			
	M. Bus	9,252				-	
	Truck	2,420					
	Total	65.616			····		
Work Item		0.0,010					
work nem							
				bridge and crecti	· <u> </u>	L	
		Azmeh street,	in this case, it's	current bridge and	extending it ov	er Youssel	
			ncrete). any case is avai	lability additiona	ascending ram	after Youssef	
		- Definitely in Azmeh toward	ncrete). any case is avai		ascending ram	after Youssef	
Economia Cost		- Definitely in Azmeh toward towards east.	ncrete). any case is avai	lability additiona	ascending ram	after Youssel	
		- Definitely in Azmen toward towards east. 40.0	ncrete). any case is avai	lability additiona	ascending ram	after Youssel	
Financial Cost		- Definitely in Azmeh toward towards east. 40.0 66.0	ncrete). any case is avai	lability additiona	ascending ram	after Youssel	
Financial Cost Engineering		- Definitely in Azmeh toward towards east. 40.0 66.0 7.9	nerete). any case is avai s west, and add	lability additiona	ascending ram	after Youssel	
Financial Cost Engineering Right-of-Way		- Definitely in Azmeh toward towards east 40.0 66.0 7.9 0.0	nerete). any case is avai s west, and add	lability additiona	ascending ram	after Youssel	
Financial Cost Engincering Right-of-Way Total (Million S.I		- Definitely in Azmeh toward towards east. 40.0 66.0 7.9 0.0 73.9	nerete). any case is avai s west, and add	lability additiona	ascending ram	o after Youssef oussef Azmeh	
Financial Cost Engincering Right-of-Way Total (Million S.I	From	- Definitely in Azmeh toward towards east. 40.0 66.0 7.9 0.0 73.9 2007	nerete). any case is avai s west, and add	lability additiona	ascending ram	after Youssef	
Financial Cost Engincering Right-of-Way Total (Million S.I Implementation	From To	- Definitely in Azmeh toward towards east. 40.0 66.0 7.9 0.0 73.9	nerete). any case is avai s west, and add	lability additiona	ascending ram	o after Youssel oussef Azmeh	
Financial Cost Engineering Right-of-Way Total (Million S.I Implementation Economic Return	From To	- Definitely in Azmeh toward towards east. 40.0 66.0 7.9 0.0 73.9 2007 2009	ncrete). any case is avain s west, and add	lability additiona itional descending	l ascending ramp 3 ramp before Ye	o after Youssef oussef Azmeh 2 years	
Economic Cost Financial Cost Engincering Right-of-Way Total (Million S. I Implementation Economic Return Remarks	From To	- Definitely in Azmeh toward towards east 40.0 66.0 7.9 0.0 73.9 2007 2009 - The right dec	ncrete). any case is avain s west, and add	lability additiona itional descending	l ascending ramp g ramp before Ye	2 years	
Financial Cost Engineering Right-of-Way Total (Million S.I Implementation Economic Return	From To	- Definitely in Azmeh toward towards east. 40.0 66.0 7.9 0.0 73.9 2007 2009 - The right dec and partly den	ncrete). any case is avain s west, and add s west, and add s west, and add s west, and add s west, and def	lability additional itional descending	l ascending ramp g ramp before Ye tudy to declare to ve bridge (metal	2 years he complete or Cement).	
Financial Cost Engincering Right-of-Way Total (Million S.I Implementation Economic Return	From To	- Definitely in Azmeh toward towards east. 40.0 66.0 7.9 0.0 73.9 2007 2009 - The right dec and partly den - At-grade inte	ncrete). any case is avain s west, and add s west, a w	lability additional itional descending after feasibility s ining the alternati ffic movement di	l ascending ramp g ramp before Ye tudy to declare to ve bridge (metal	2 years he complete or Cement).	
Financial Cost Engineering Right-of-Way Total (Million S.I Implementation Economic Return	From To	- Definitely in Azmeh toward towards east. 40.0 66.0 7.9 0.0 73.9 2007 2009 - The right dec and partly den - At-grade into period of mo	ncrete). any case is avain s west, and add s west, and the s west, a w	lability additional itional descending after feasibility s ining the alternati ffic movement di ige.	ascending ramp gramp before Ye study to declare to ve bridge (metal rections must be	2 years he complete or Cement). studied in	
Financial Cost Engincering Right-of-Way Total (Million S.I Implementation Economic Return	From To	- Definitely in Azmeh toward towards east. 40.0 66.0 7.9 0.0 73.9 2007 2009 - The right dec and partly den - At-grade into period of nuc - Youssef Al-/	nerete). any case is avain s west, and add s west, and d west, a west,	lability additional itional descending after feasibility s ining the alternati ffic movement di	ascending ramp gramp before Ye study to declare to ve bridge (metal rections must be	2 years he complete or Cement). studied in	
Financial Cost Engincering Right-of-Way Total (Million S.I Implementation Economic Return	From To	- Definitely in Azmeh toward towards east. 40.0 66.0 7.9 0.0 73.9 2007 2009 - The right dec and partly den - At-grade into period of nuc - Youssef Al-/	ncrete). any case is avain s west, and add s west, and the s west, a w	lability additional itional descending after feasibility s ining the alternati ffic movement di ige.	ascending ramp gramp before Ye study to declare to ve bridge (metal rections must be	2 years he complete or Cement). studied in	
Financial Cost Engineering Right-of-Way Total (Million S.I Implementation Economic Return	From To	- Definitely in Azmeh toward towards east. 40.0 66.0 7.9 0.0 73.9 2007 2009 - The right dec and partly den - At-grade into period of nuc - Youssef Al-/	nerete). any case is avain s west, and add s west, and d west, a west,	lability additional itional descending after feasibility s ining the alternati ffic movement di ige.	ascending ramp gramp before Ye study to declare to ve bridge (metal rections must be	2 years he complete or Cement). studied in	

PROJECT PROFILE		Project No.: C23						
Project File		Underpass Ramps South of New Daraa Highway						
Existing Condition		- It is ramps exit-entry fr	om executed underp	asses under the S	outhern			
		Entrance Road. - Ramps path passes thro	vah rardam inform	al building araa				
<u></u>								
Objective		<ul> <li>To provide operating the between the Southern I</li> </ul>	e movement infoug	n underpass for c	onnecting			
		- To cancel the at-grade of		ing actas.				
		- To organize the pedestr						
Segment				······································	Total			
Location	From							
	То							
Length (met	.1	300						
Fraffic Volume	Year	2020						
	P. Car	1,104						
	Taxi	1,618						
	M. Bus	596						
	Tnick	136						
	Total	3,454						
Work Item								
		<ul> <li>Acquiring and demoliti</li> </ul>	ion random building	;\$.				
		- Connecting with the ur	nderpasses					
		- Executing the ramps.						
		<ul> <li>Studying the pedestriar</li> </ul>	i movement.					
Economic Cost		60.0						
Financial Cost		99.0						
Engineering		11,9			ł			
Right-of-Way		0.0						
Total (million S.P)		110.9						
Implementation	From	2006			2 years			
	То	2008						
Economic Return	B/C		<u>l</u>					
Remarks								



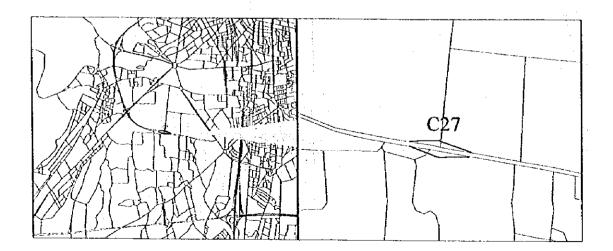
Project File		I/C of North Bypass with	1 Beinit Road		ject No.: C2	
Existing Condition		- Interchange is situated on the intersection of extension of the northern with Old Beinit Road in Saharah area, it's bridge with two-ways, three lanes for each direction connected with ramps of complete Clavier interchange and one lane for each ramp.				
Objective		- To provide the continu	ity of main moveme	ent without cross	ing.	
		- To facilitate the movin			· ·	
		- To cancel the at-grade	-		1	
		- To cancel the traffic sig	<b>v</b> .			
Segment		I	T	····	fotal	
Location	From					
	To					
Length (met	cr)	1000				
Traffic Volume	Year	2020				
	P. Car	354	****			
	Taxi	314		1		
	M. Bus	178				
	Truck	56				
	Total	905				
Work Item	·	· · · · · · · · · · · · · · · · · · ·				
			:			
		- Studying the paths and location for bridge.			-	
		- Constructing- ramps in		connection point	<b>S</b> .	
		- Restudying the intersec				
<b>_</b>		<ul> <li>Connecting with Barac</li> </ul>	h river Valley Road	1		
Economic Cost		100.0				
Financial Cost		165.0				
Engineering		19.8				
Right-of-Way		0.0				
Total		184.8				
Implementation	From	2005			2 years	
Uconomia Data	To	2007			·····	
Economic Return	B/C			L		
Remarks		- It must survey the land	I topographical and	studying the pos	sibility of	
		operating the interchan Road - Old Beirut Roa	ige beiween Darada	vancy Road -N	onnem Bypass	

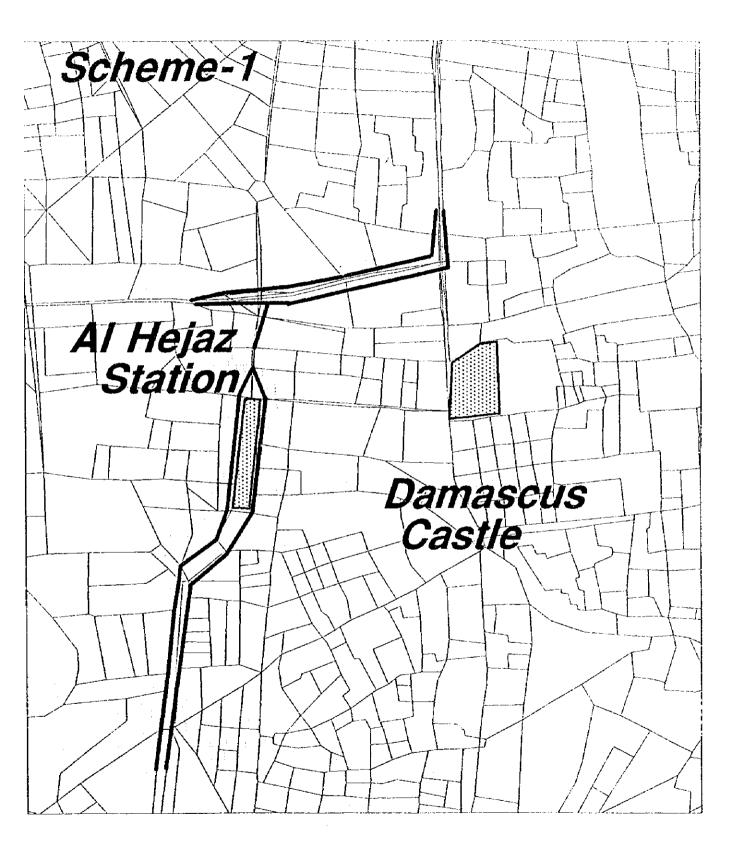


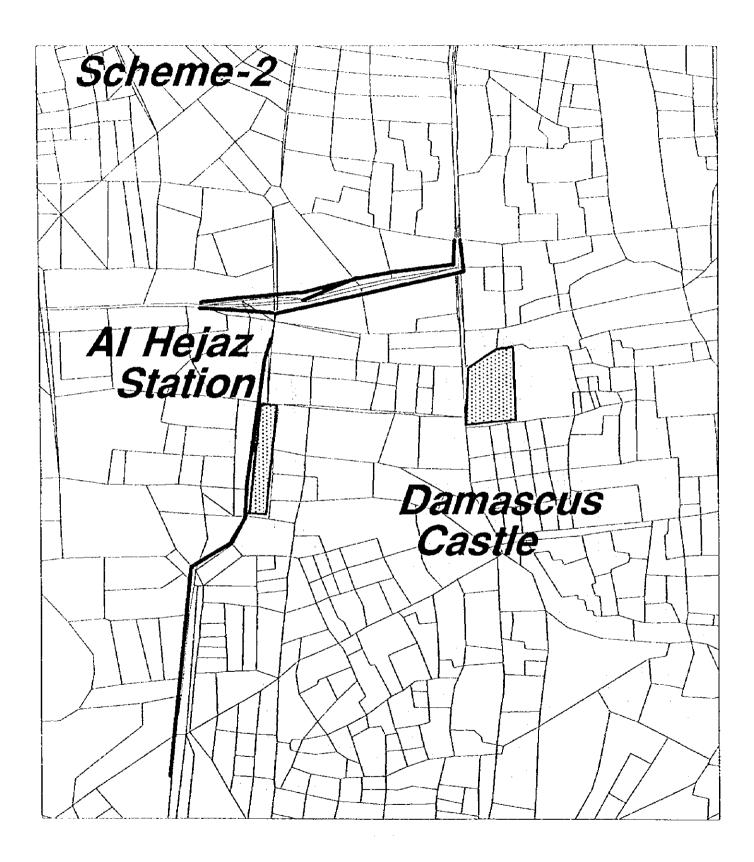
PROJECT PRO Project File		6 th Tishreen-Hamadani Overpass				
Existing Condition		- It's bridge on the path of 6 Tishreen with two-way and two traffic lanes for				
		each direction in the intersection area with S extension northerly.	ciyf Adawla Al Hamadani and its			
Objective		- To provide the continuity of movement on	6 Tishreen Street.			
		- To separate between the through traffic and				
		- To connect Abassiveen area and Rukn Al I				
		- To decrease the pollution and delay.	-			
Segment			Total			
Location	From					
	То					
Length (meto	 cr)	200	20			
Traffic Volume	Year	2020				
	P. Car	11,424				
	Taxi	13,100				
	M. Bus	4,760				
	Truck	2,036				
	Total	31,320				
Work Item						
		- Constructing the columns and bridge.				
		- Studying the at-grade movement on the int				
		<ul> <li>Constructing canalization islands and pede</li> </ul>	strian passages.			
Economic Cost		80.0				
Financial Cost		132.0				
Engineering		15.0				
Right-of-Way		0.0				
Total	<b></b>	147.8				
Implementation	From	2016	2 Years			
	То	2018				
Economic Return	B/C					
Remarks		<ul> <li>Changing the suggested overpass to under keeping the existing pedestrian overpass a</li> </ul>				

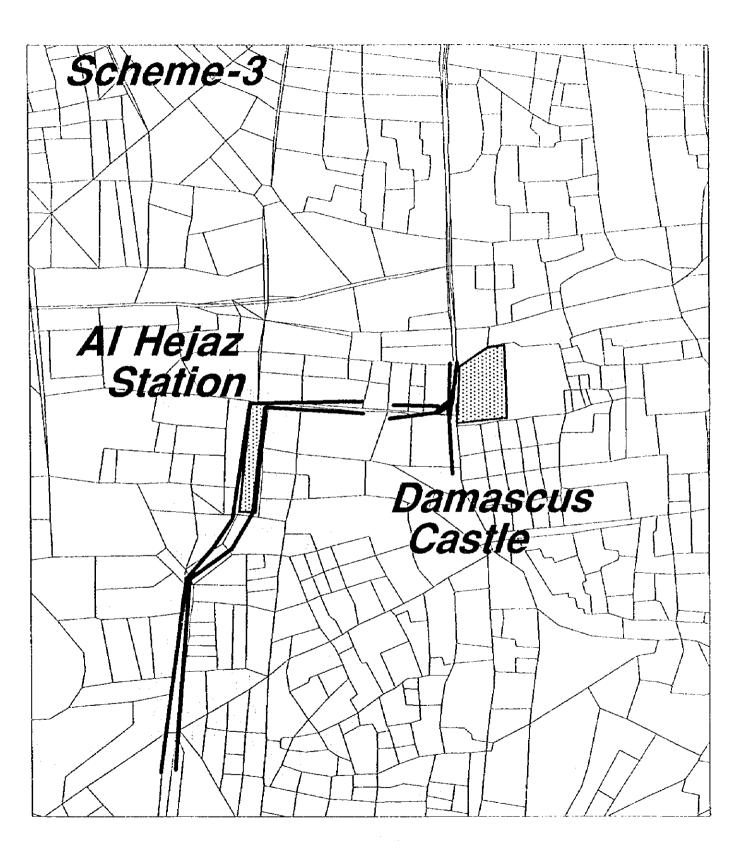


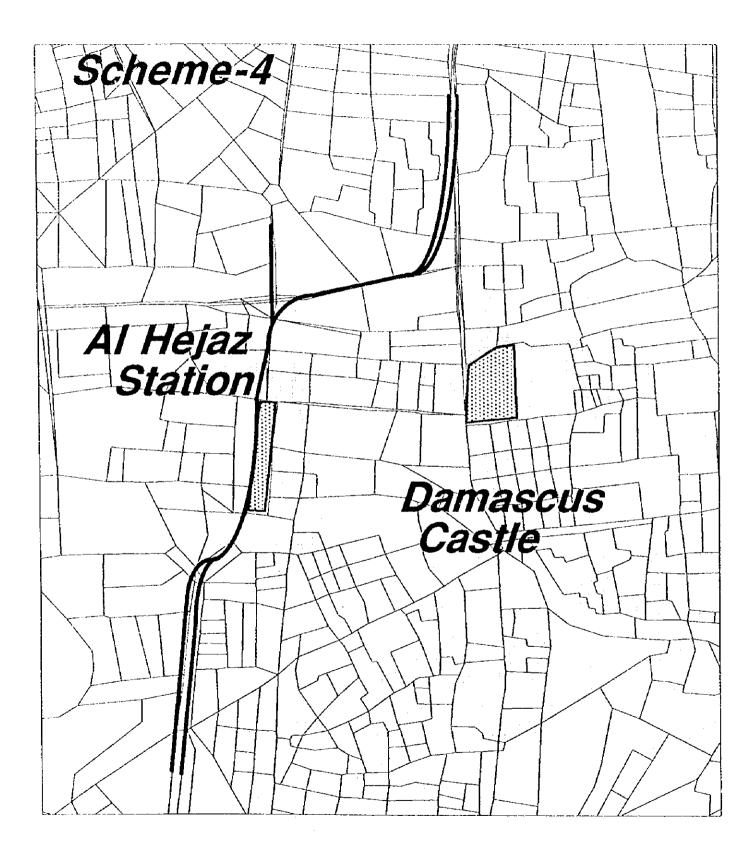
		6th May - 17 April Underpass					
Existing Condition		- It's underpass with two-ways and two lanes for each direction under the path of 17 April Road in the crossing area with 6 May Street.					
Objective					n the Inner Ring		
		- To provide the	connection b	ctween the n	orth and south of	interchange.	
		- To decrease th				·	
Segment				· · · · · · · · · · · · · · · · · · ·		Total	
Location	From To						
Length (met	er)	200					
Fraffic Volume	Year	2020	<i></i>				
	P. Car	0	· • • • • • • • • • • • • • • • •				
	Taxi	0					
	M. Bus	0			1		
	Truck	0					
	Total	0			·		
Work Item	· L				··		
		1					
		- Moving the ne	tworks and in	stallations.	L	\_ L	
		- Digging and C	onstructing th	e underpass.			
		- Executing ram					
		- Reorganizing	the intersectio	ns.			
Economic Cost		80.0					
Financial Cost		132.0					
Engineering		15.0					
Right-of-Way		0.0					
Total	<b></b>	147.8					
Implementation	From	2014				2 year	
	To	2016					
Economic Return	8/C						
Remarks							

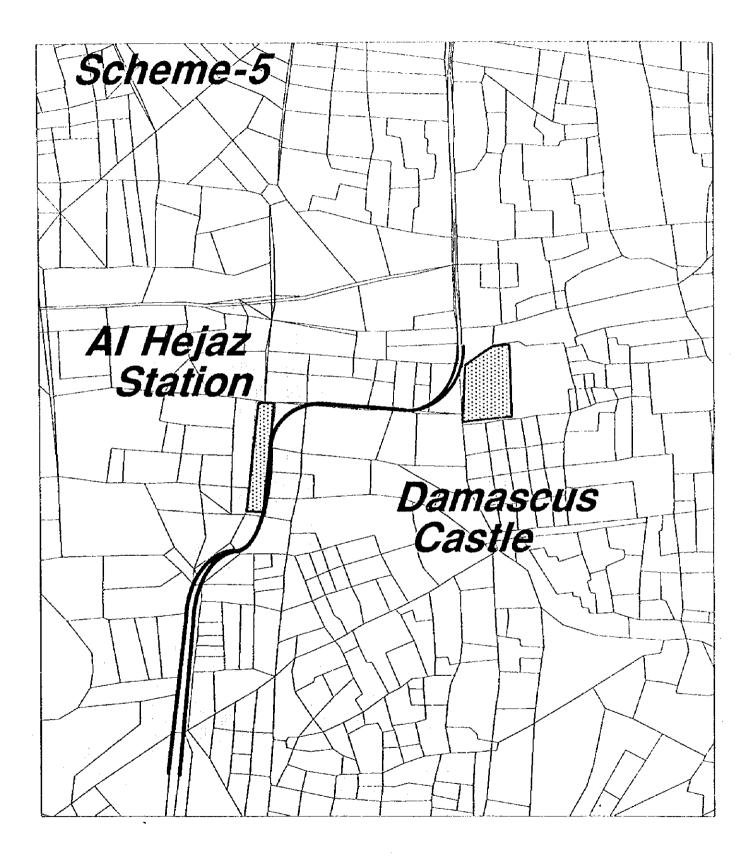


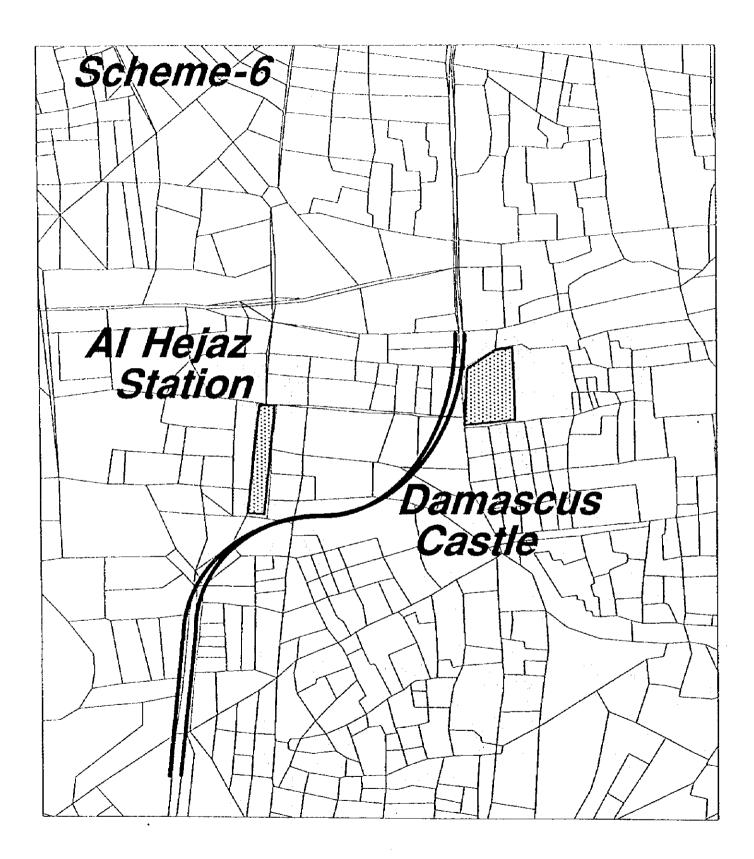


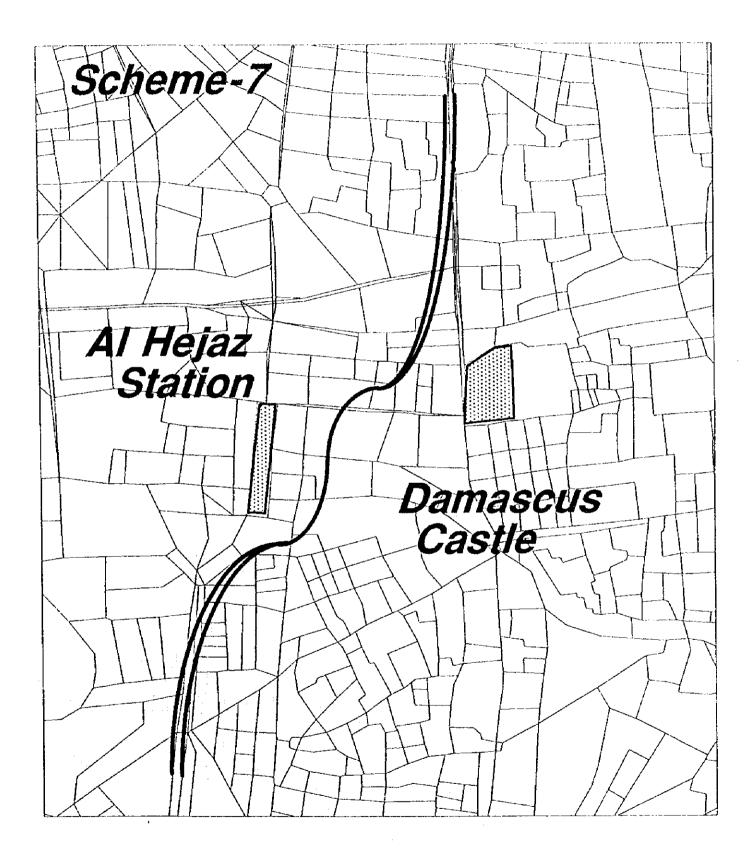




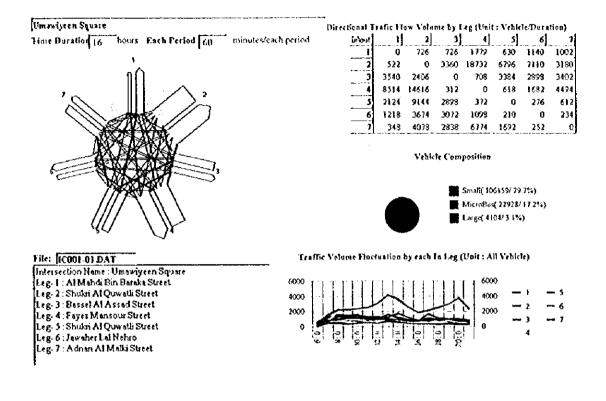


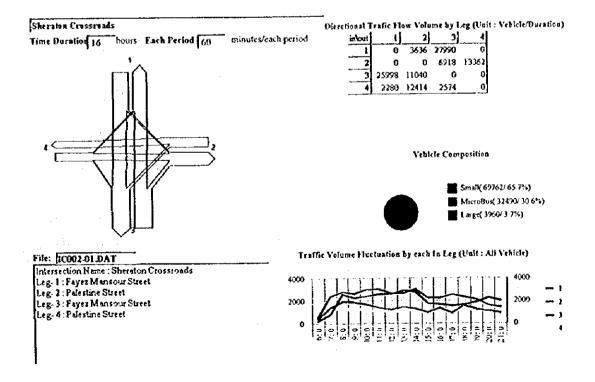


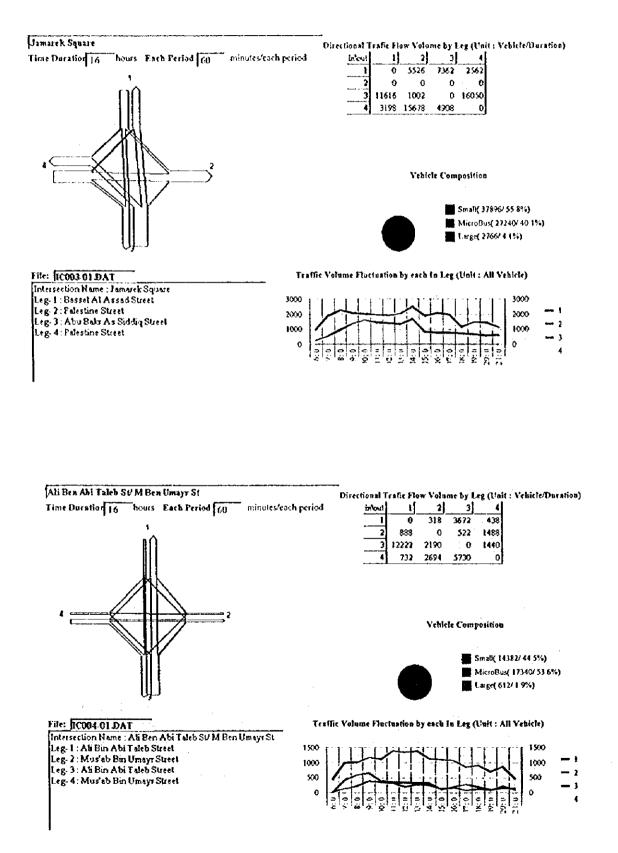


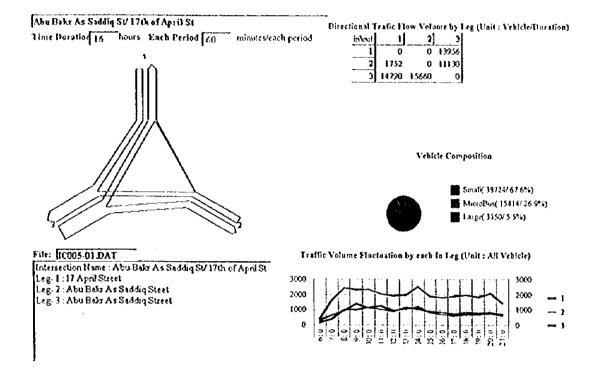


# - Traffic Volume in Intersection



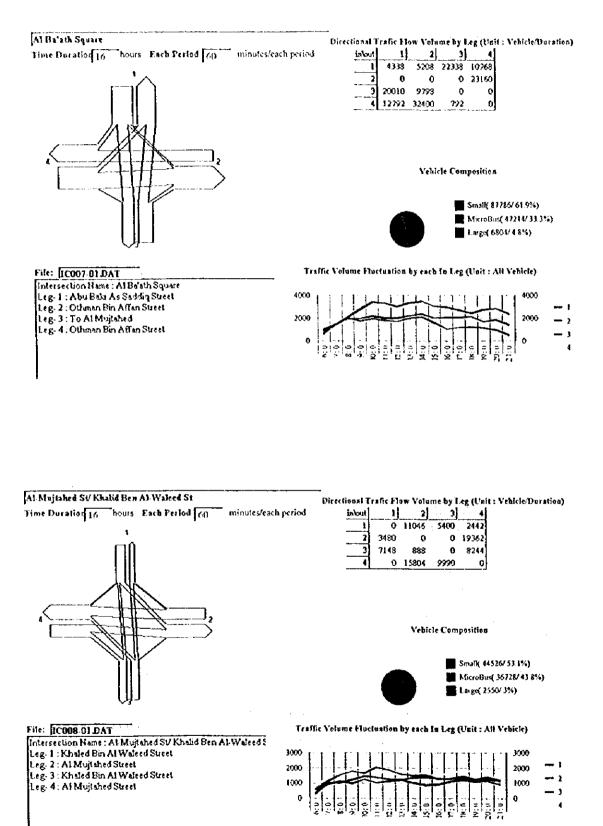


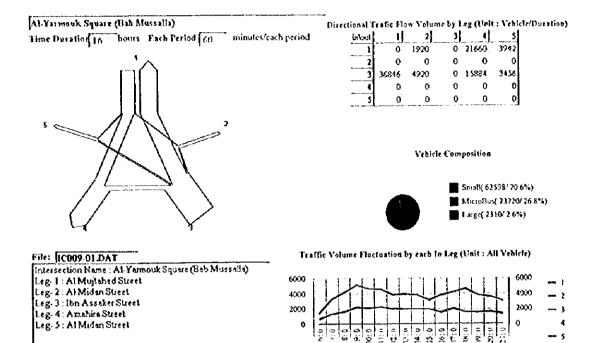


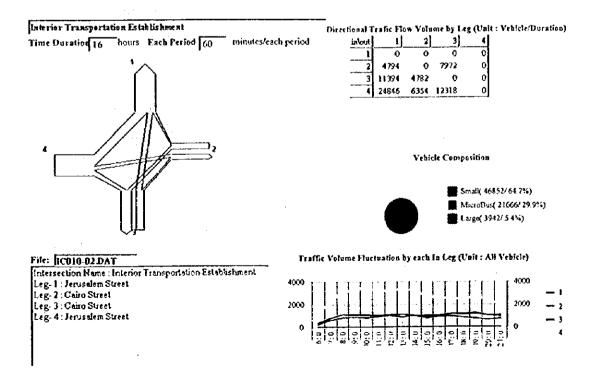


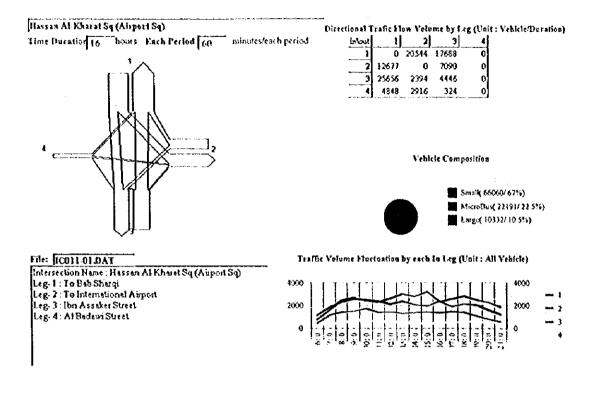
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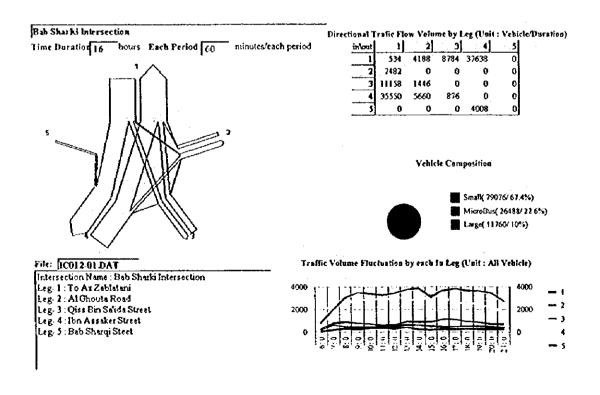
Dawar Kafi Susseh Square (Qana)	Directional Trafic Flow Volume by Leg (Unit : Vehicle/Duri
Time Duration 16 hours Each Period 60 minutes/each peri	d intent 1 2 3 4 5
<b>9</b>	1 0 342 6594 936 2034
1	2 1698 0 5742 2514 2490
10	3 8388 384 876 1465 22409
	4 1974 474 3618 0 1338
	5 1650 432 21712 1872 528
	Vebicle Composition Small( 54499/ 60 9%) MicroBus( 31570/ 35 3%) Large( 3402/ 3 8%)
File: 10006-01 DAT	raffic Volume Fluctuation by each In Leg (Unit : AB Vebicle)
Intersection Name : Dewar Kaft Susseh Square (Qane) Leg. 1 : Sa'ad Bin Ubaida St to Tistureen Sports Complex 300 Leg. 2 : Abu Mussa Al Asha'ari Street 200 Leg. 3 : Abu Bakt As Saddig Street 100 Leg. 4 : Abdullah Bin Rawaha Street 100	2000

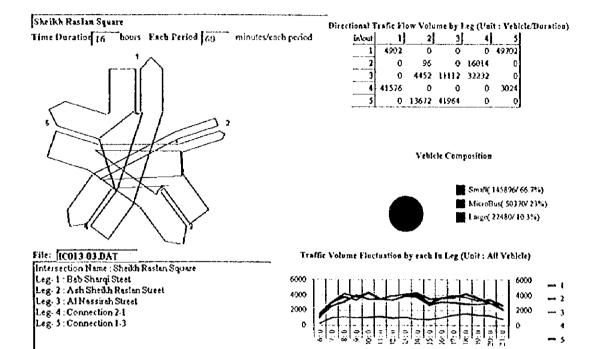


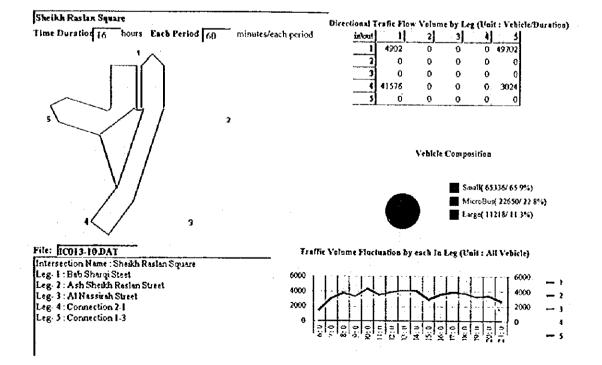


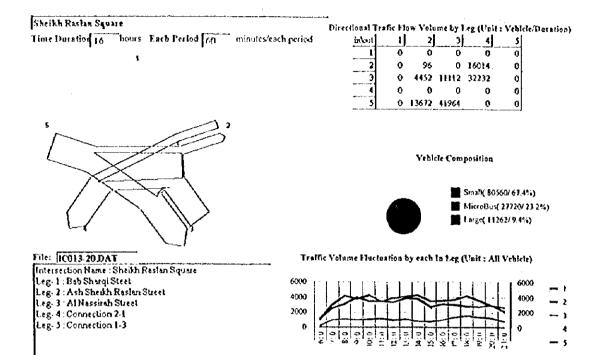


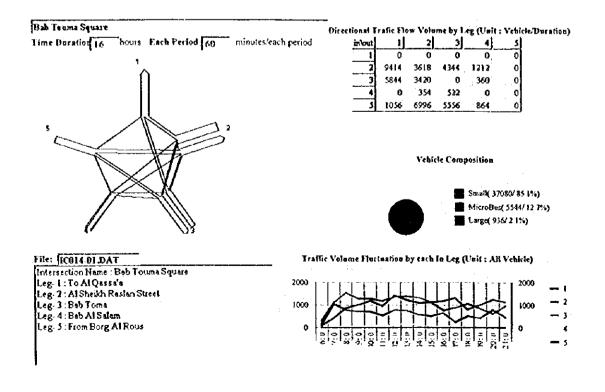


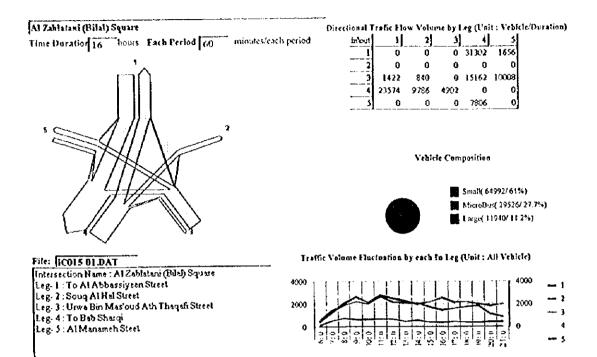


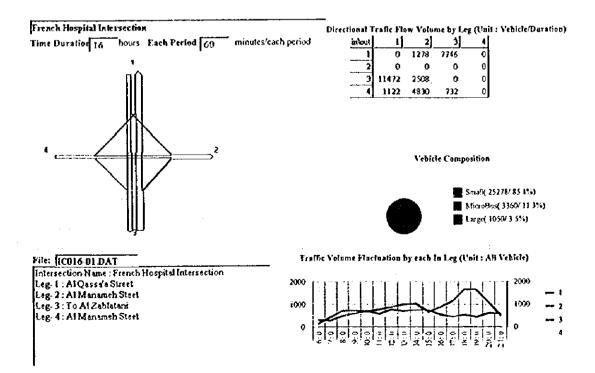


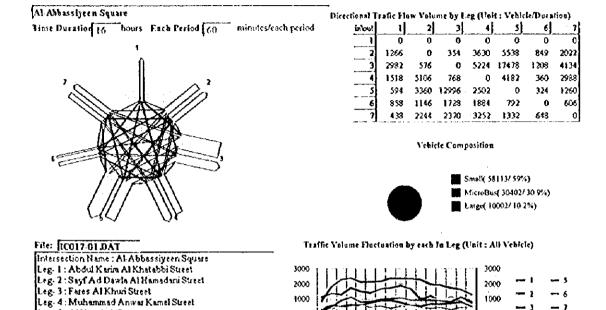










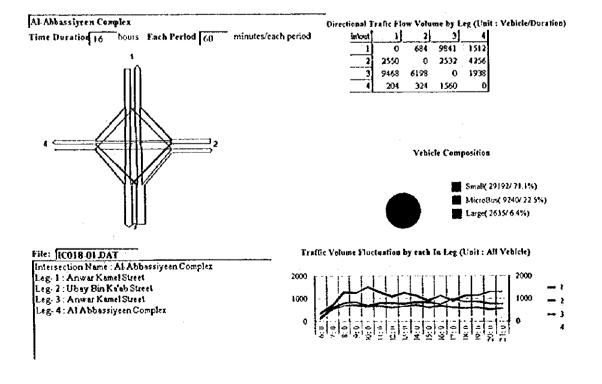


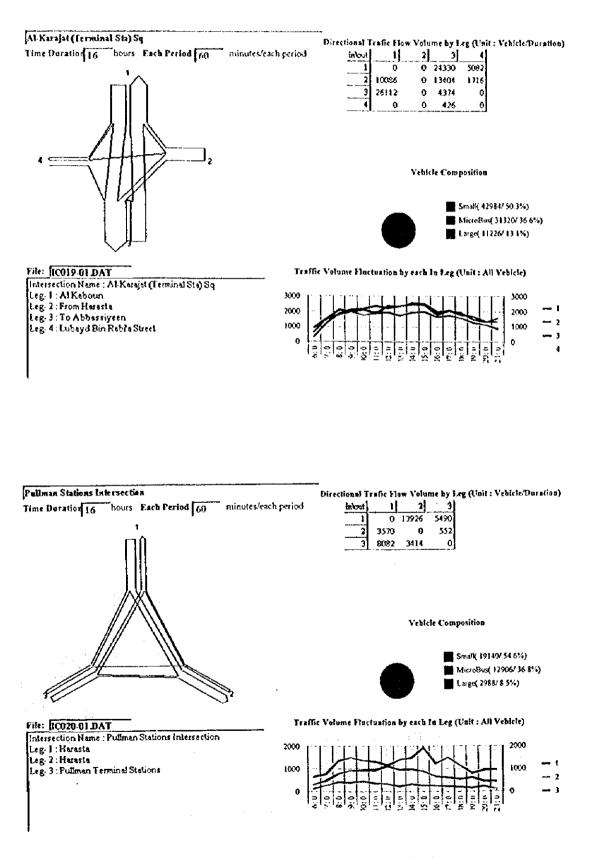
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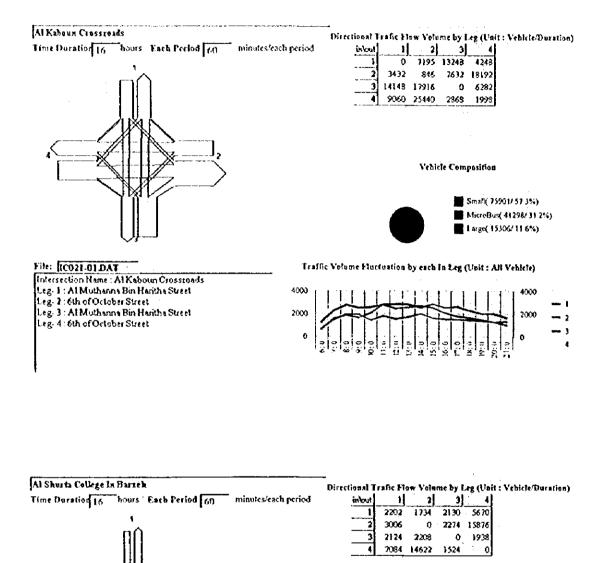
Leg. J : Al Nessirah Street

Leg. 6 : Al Akhtal Suret Leg. 7 : Aleppo Suret





A3-11

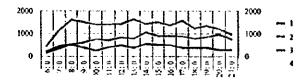


Vebicle Composition



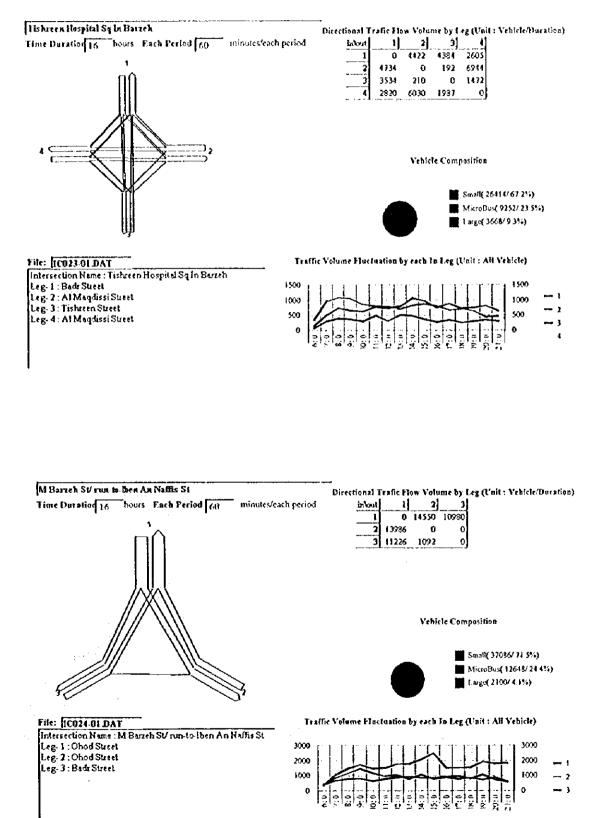
Small( 38712761 2%)
 MicroBus( 189247 30 3%)
 Large( 52567 8.4%)

## Traffic Volume Fluctuation by each In Leg (Unit : All Vehicle)

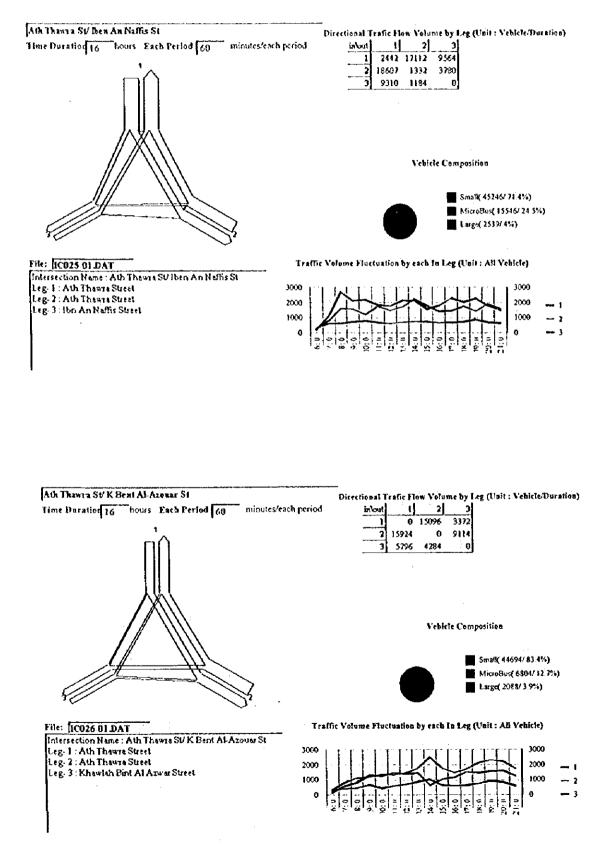


File: IC022-01 DAT

Intersection Name : AI Shurts College In Barzeh Leg. 1 : Uhod Street Leg. 2 : AI Maqdissi Street Leg. 3 : Uhod Street Leg. 4 : AI Muthanna Bin Heritha Street



A3-13



Hitteen Square		Directional T	rafic Flo	n Votu	me by I.	eg (Voit	: Vebici	e/Darstie
Time Duration 16 hours Each Period 60	minutes/each period	intout	1	2	3	4	T 3]	6
			0	666	3858	4330	5679	174
1		2	510	0	2364	1432	3264	208
		3	1626	804	0	666	8922	804
		4]	\$202	2262	822	0	474	468
		5	5784	6576	6365	\$22	390	606
		6	0	972	1428	760	1194	0
				Vehic	le Comp	osition		
						Small( 5	5602/79	2%)
						MicroB	rs( 12618	18%)
U <u>U</u>						Eargo( \$	983/ 2 89	•)
File: [10027-01 DAT	Traff	c Volume Fluci	ination t	ov each i	n Leo (1	init : Al	l Yebick	4
Intersection Name : Hitteen Square				,				
Leg. 1 : Rukn Ad Din Street	2000 -			15 . E. T		1 200	D-	
Leg. 2 : Birniyeh Street		ILLAT	$\top$					
Leg. 3 : Omar Ibn ul Khattab Street	1000		~~	Ser.		100	0 -	1
Leg. 4 : Rukn Ad Din Street		1		<u>=</u> +1	-FFI	2		2 -
Leg. 5 : Okba Bin Nafe' Street	0		= 1 =	~ <u> _</u>		- 0		) —
Leg- 6 : Al Arkoub Stret	10	<u>' '6</u> ' '6' '	<u>е, а</u> ,			I.		

Bader Addin Al-Ghazali Square Time Duration 16 hours Each Period 60 minutes/each period

	1	
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	り人	•
'S	1	~
	$\vdash$	
177	N Y	
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74		
		N
Y		Y

Intersection Name : Bader Addin Al-Gharali Square Leg. 1: Okba Bin Nafe' Street Leg. 2: Muhammad Bin Qasem Ath Thaqafi Street Leg. 3: Abdul Rahman Al Shabbandar Street Leg. 4: Bader Ad Din Al Oharali Square Leg. 4: Bader Ad Din Al Oharali Square

Leg- 5 : Ahmad Bin Hanbal Street

File: [10028-01.DAT

— Direction <b>s</b> I Ti	rafic Elo	w Volum	e by L	rg (Vait	t : Yebi	cle/Duration)
intout	1	2	3	4	5	
1	0	2052	Q	21912	4398	
2	0	0	Ċ	D	a	1
3]	0	7036	0	6582	4976	

0

0

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## Vehicle Compositioa

0

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0

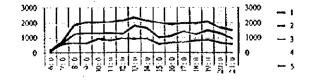
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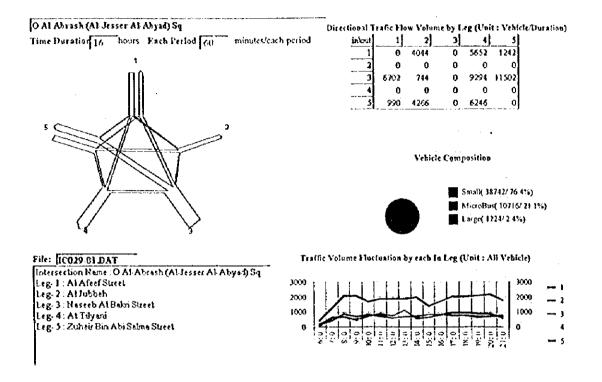


Small( 45312/ 27.4%) MicroBus( 11832/ 20 3%)

## Traffic Volume Fluctuation by each In Leg (Unit : All Vehicle)

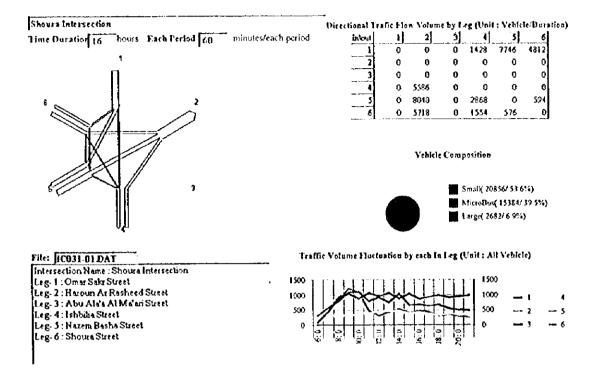


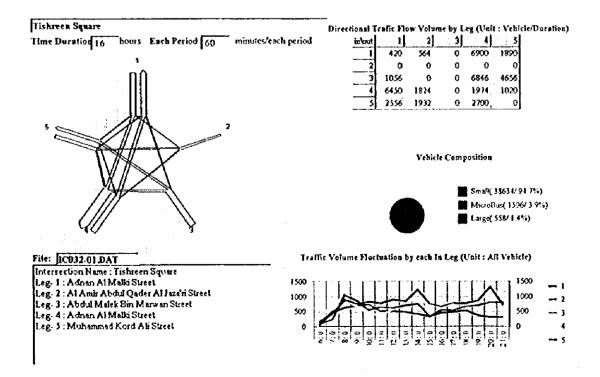
Earge( 1343/2-3%)

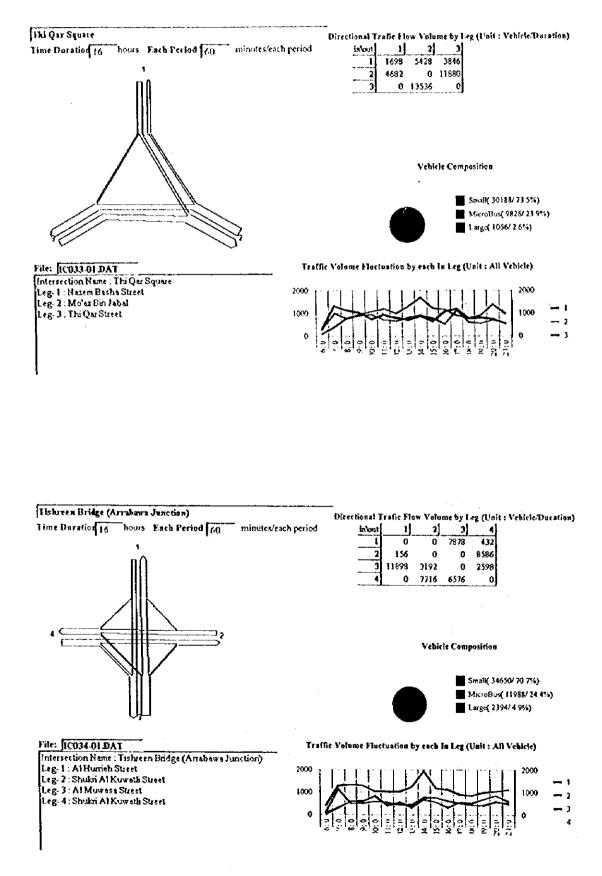


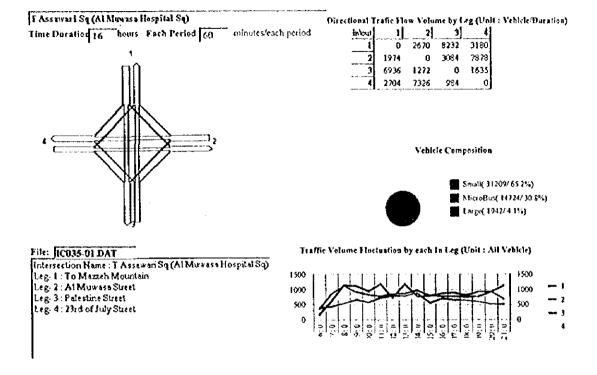
Raudet Abi Al Ala'a Square		Directional Trat	fic Flo	w Volum	e by Ta	eg (Úpit	: Vehic	le/Durati
Fime Duration 16 hours Each Period 60 min	nes/each period	interst	ų	2	3	4	5	6
· · · ·			0	0	0	0	0	0
•		2	0	0	0	2208	5460	2306
		3	0	0	Q	1392	3990	2358
		4	0	2256	Û	• 0	2136	3282
· 0 2		5	0	4032	0	2436	0	192
		6		3246	0	5166	384	]
				Vebicle	Сотр	osition	·	
						Small(	34539/8	4 6%)
						Micro	Bus( 531)	\$ 13%)
Ų						Large(	990/ 2 4	5)
ile: IC030 01 DAT	Treff	c Volume Floctus	itio <b>n b</b>	y cach In	Leg (l	Joit : A	ll Vebici	e)
Intersection Name : Rawdet Abi Al-Ala'a Square Leg: I : Abul Ala' a Al Ma'ari Streel	1000	•	_		· · ·	100	~	
Leg-2: Zuheir Bin Abi Salma Street	2000	スシ	2			100	v	
Leg. 3 : Zyad Bin Abi Sufian Street	500 -		sX.	12	<u>// \</u>	500	-	1
Leg. 4 : Allala'a Street			11	TTT	111	۱		2 -
Leg-5 : Miss Street Leg-6 : Abul Ja'far Al Mansour Street	0 4	0 c =	-	0 0		- 0	-	3 —
Cef. 0 . To a sel a vi matsour Street	ι. Έ	[] [] [] []	닅	0 St	8	i		

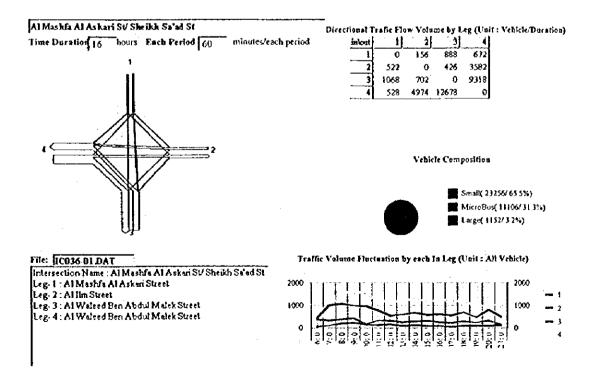
A3-16

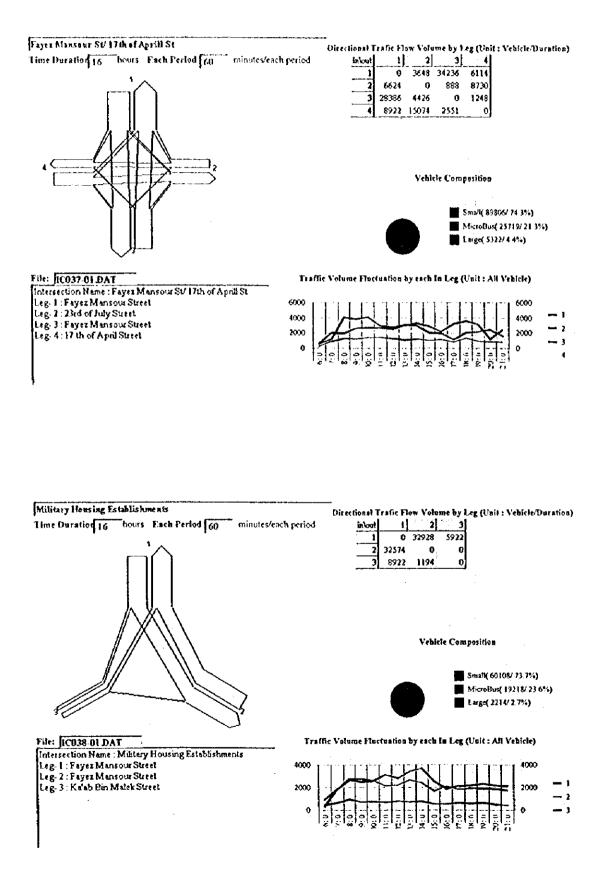


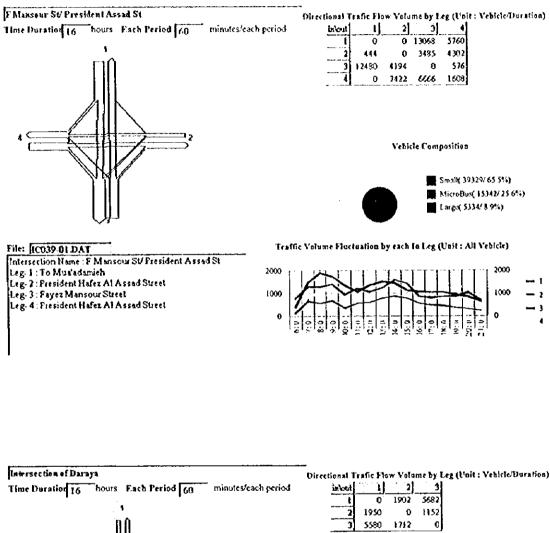




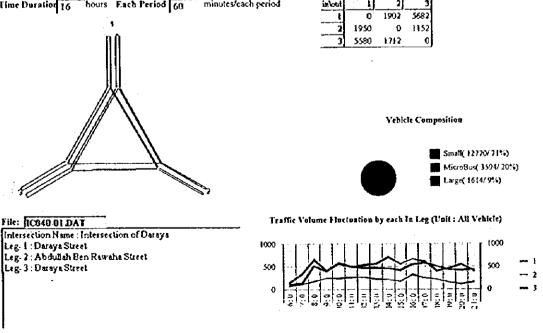


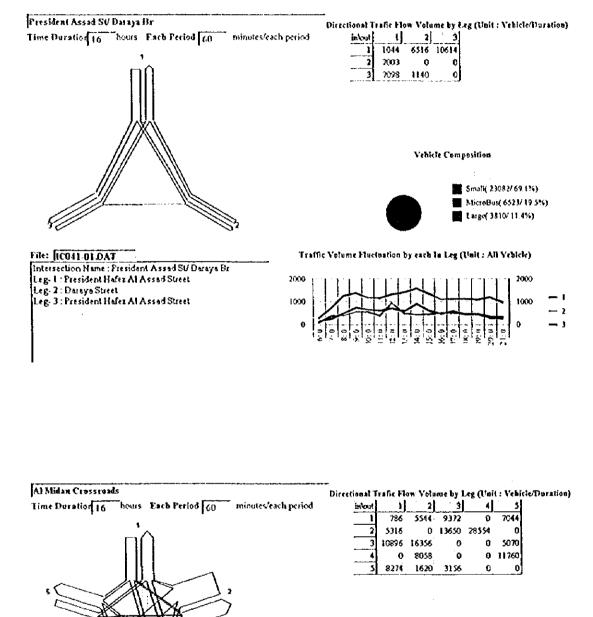






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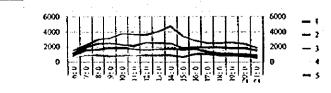


Vehicle Composition



Small( 98364/ 72 6%) MicroBus( 24504/ 18 1%) Large( 12588/ 9.3%)

Traffic Volume Fluctuation by each In Leg (Unit : All Vehicle)



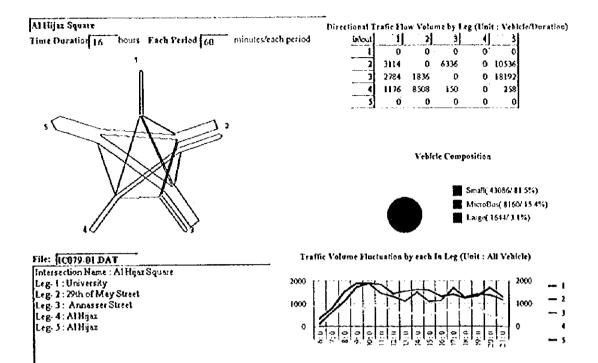
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Intersection Name : Al Midan Crossroads Leg-1 : President Hafez Al Assad Street

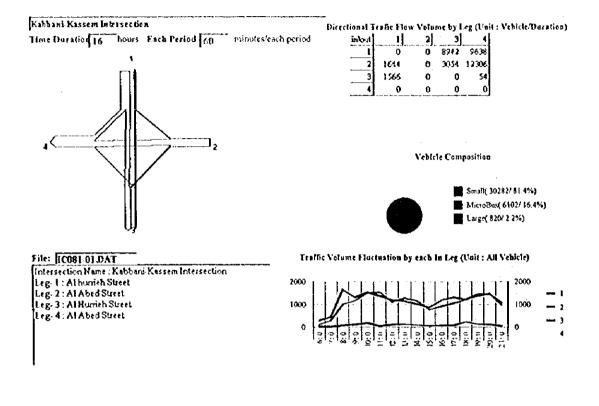
Leg- 3 : President Hafez Al Assad Street

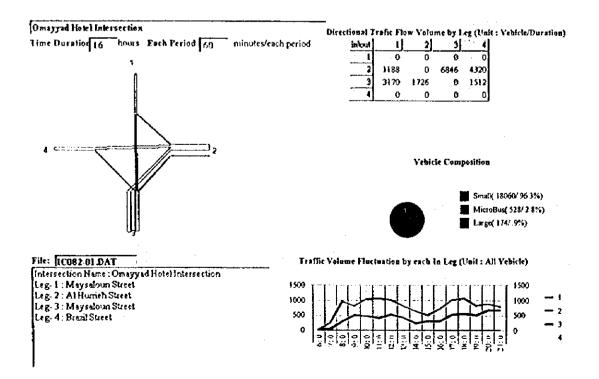
Leg- 2 : Othman Ben Affan Street

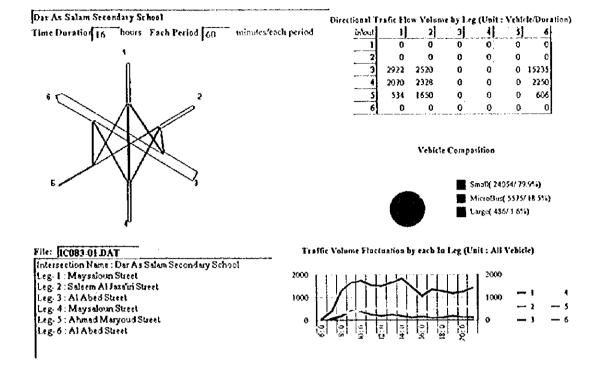
Leg- 4 : Othman Ben Affan Street Leg- 5 : From Al Ashmar Square

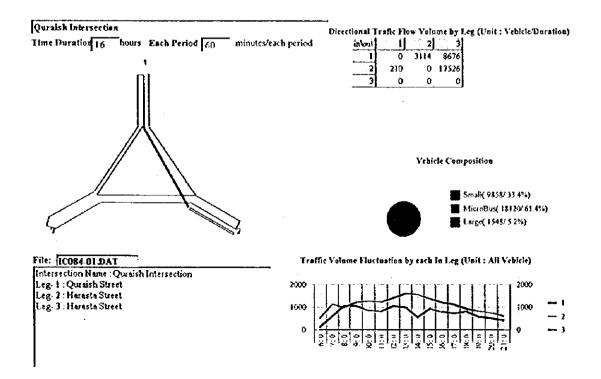


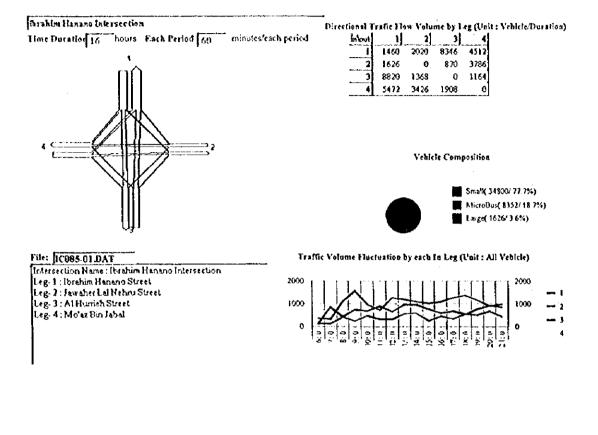
At Tajhiz Downward Street		Directional Tra	fic Ma	w Volum	e by L	eg (Usil	i : Vehicle/	Darstion
Time Duration 16 hours Each Period 60 r	ninutes/each period	intent	<u> </u>		3	4	5	
•		1	0	828	0	9068	468	
' _		2	0	0	0	0	0	
n n n n n n n n n n n n n n n n n n n		3	8	918	0	5556	2154	
		4	0	D	0	0	0	
		5	0	1668	0	4164	0	
°					_			
				Yebicle	Comp	osition		
<u> </u>						Small	( 23692/ 95	1543
							Bes( 684/ 2	-
						-	(468/19%)	
				-				
File: IC080-01.DAT	Traffic	Volume Fluctus	ition b	y each lo	Leg (l	loit : Al	ll Vebicle)	
Intersection Name : At Tajhiz Downward Street	- ^ -							
Leg. 1 : At Diyafah Palace Street	1000		N		سل ا	+	]  icco	- 1
Leg. 2 : An Nemeh Street Leg. 3 : Brazil Street	500	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		S L	1-	1	500	- 2
Leg. 4: At Tajhin Downward Street					77	TN	CI	- 3
Leg. 5 : Brazi Street	0							4 — 5
	-					· ~ 7.	F 4	-

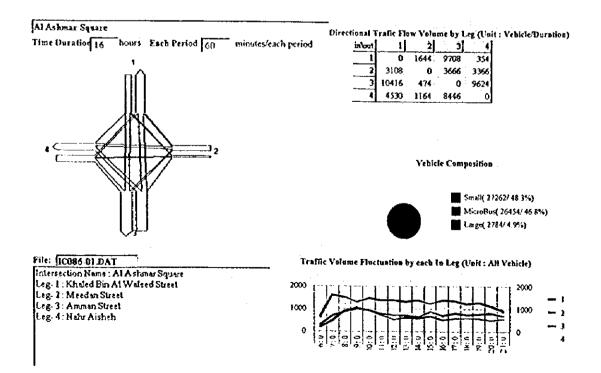


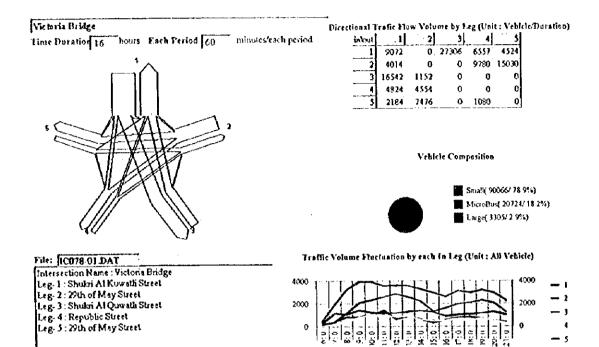












Ashuhada (Al-Marje	k) Square	
Time Duration 16	hours Each Period 60	minutes/each period
(ime Daranoq ]6		
ļ		

Directional Trafic How Volume by Leg (Unit : Vehicle/Duration)

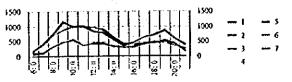
fn\oet]	1	2]		4	<u>``</u> \$	6	1
1	0	0	0	0	0	0	0
2	2958	0	0	ວ່	1554	Ð	1140
3	Û	0	0	O,	0	O	0
. 4	0	0	0	0	0	0,	0
	\$310	0	0	0	2298	0	3096
6	2730	0	0	0	3426	0	3168
7	0	0	0	0	0	0	0

## Vehicle Composition



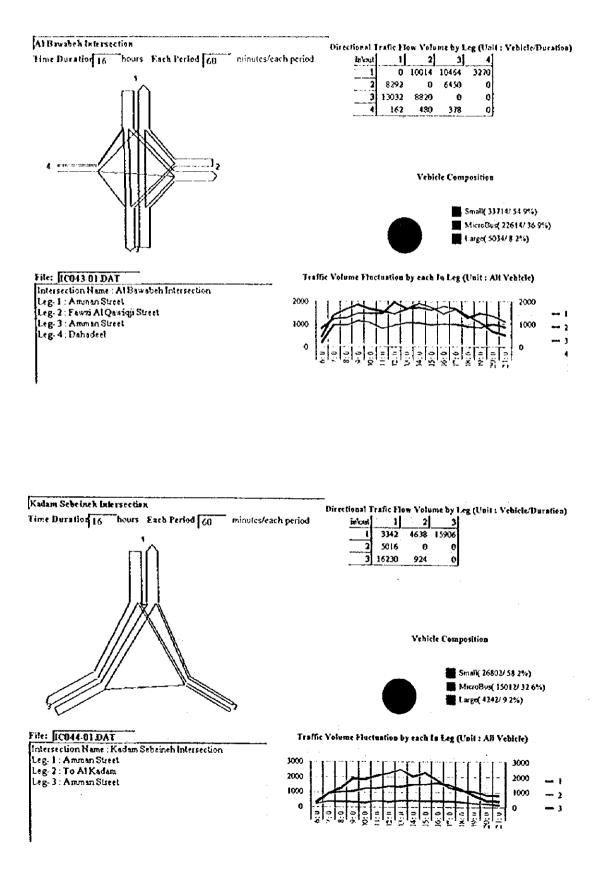
Small( 23754/92 5%) MicroBus( 1182/4 6%) Large( 744/2 5%)

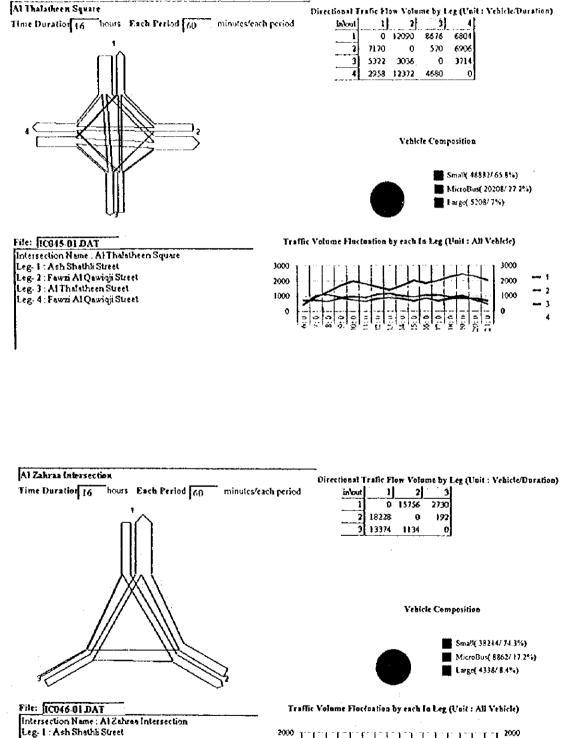
# Traffic Volume Fluctuation by each In Leg (Unit : All Vehicle)

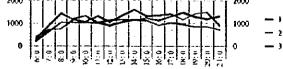


File: IC077-01 DAT
Intersection Name : Ashuhada (Al-Marjeh) Square
Leg- 1 : Independence Steet
Leg-2: Rami Street
Leg- 3 : Damascus Rurel Governorale
Leg- 4 : Euphrates Street
Leg- 5 : Republic Street
Leg- 6 : Republic Street
Leg- 7 : Yousef Al Athme Street
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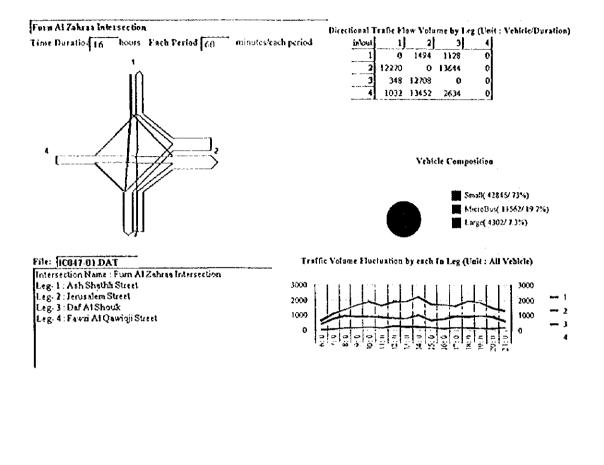


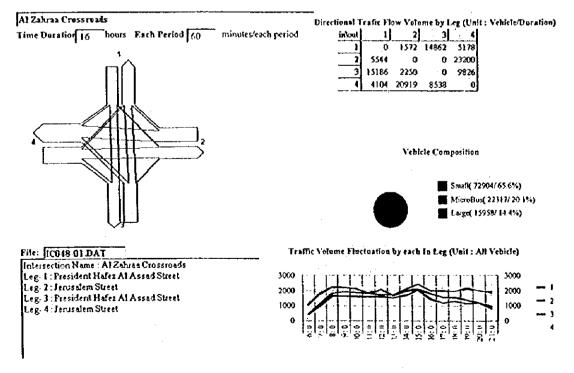


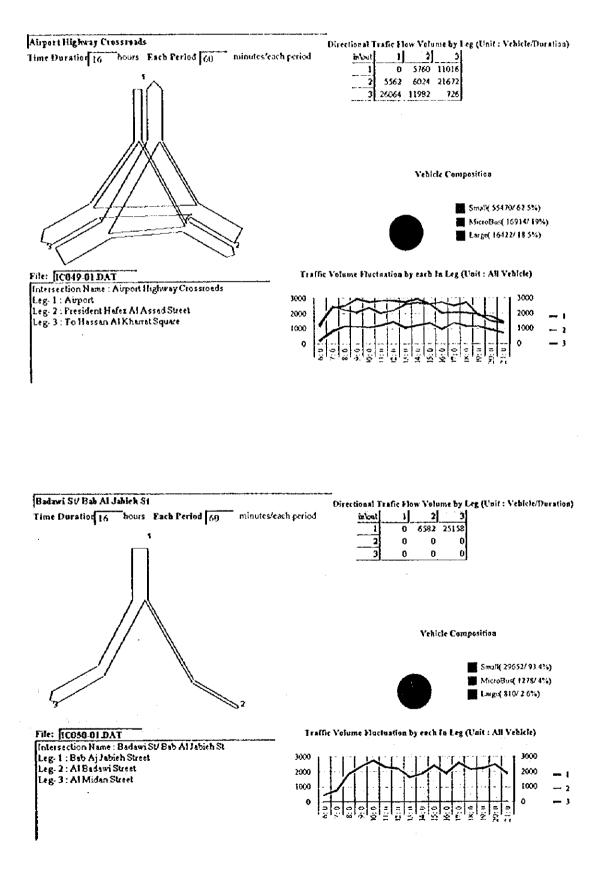


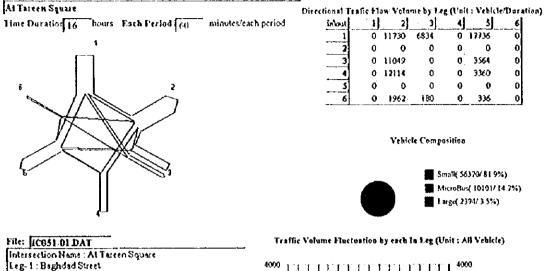
Leg. 2 : Al Zahras Street Leg. 3 : Ash Shathli Street

-

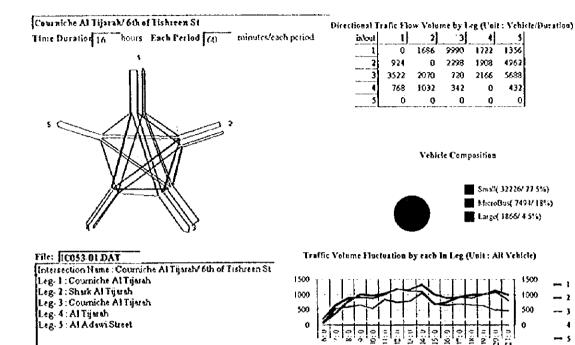








Leg. 1 : Bagnoso Street Leg. 2 : Aleppo Street Leg. 3 : Al Manama Street Leg. 4 : Borj Ar Rouss Leg. 5 : Bab Touma Leg. 6 : King Faysal Street Aleppo St/ Musshed Khater St Directional Trafic Flow Volume by Leg (Unit : Vedicle/Duration) Fime Duration 16 hours Each Period 60 minutes/each period 1 ᆀ 3 in lout 0 14292 0 26766 ò 0 0 0 0 13062 0 3 0 11046 Ð 0 Vehicle Composition 📕 Small( 52464/ 80.5%) MicroBus( 11238/ 17.2%) 📕 Large( 1464/ 2 2%) Traffic Volume Fluctuation by each In Leg (Unit ; All Vehicle) File: IC052-01 DAT Intersection Name : Aleppo SV Murshed Khater St 4000 Leg- 1 : Aleppo Street 4000 Leg. 2 : Murshed Khater Street 2000 Leg. 3 : Al Kandi Street 2000 • 2 Leg. 4 : Aleppo Street ð 0



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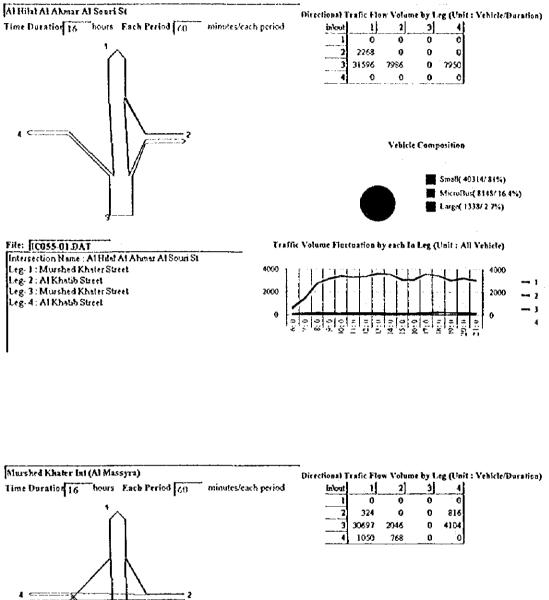
0 0

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200

- s

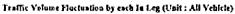
Al, Kossour Square	Directional Trafic Flow Volume by Leg (Usit : Vebicle	Tureba
Time Duration 16 hours Each Period 60 minutes/ea	h period invoit 1 2 3 4 5	
	1 0 4896 0 2892 1342	
	2 0 0 0 2802 223	
	3 0 2022 0 2243 120	
	<u> </u>	
N-A	Vehicle Composition	
$\langle / \times \rangle$	Carrie Composing	
	SmaD( 19882/ 83 2	5
	MicroBus( 3606/ 1)	· ·
	Large( 395/ 1.7%)	,
· · · · · · · · · · · · · · · · · · ·		
File: IC054-01 DAT	Traffic Volume Fluctuation by each in Leg (Unit : All Vebicle)	
Intersection Name : AL Kossour Square	in the second	
Leg. 1 : Ka'ab Bin Zuheir Lane Leg. 2 : Al Kundi Street		' I
Leg. 3 : Abdul Karim Al Khatabbi Street	500	
Leg. 4 : Al Kundi Street		- 3
Leg. 5 : Al Ghassani Street	0	4
		- :

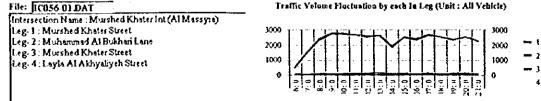


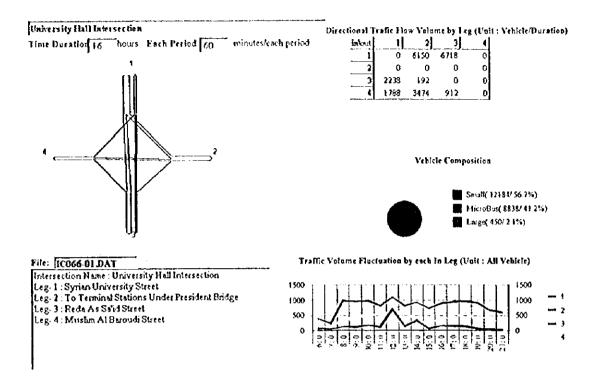


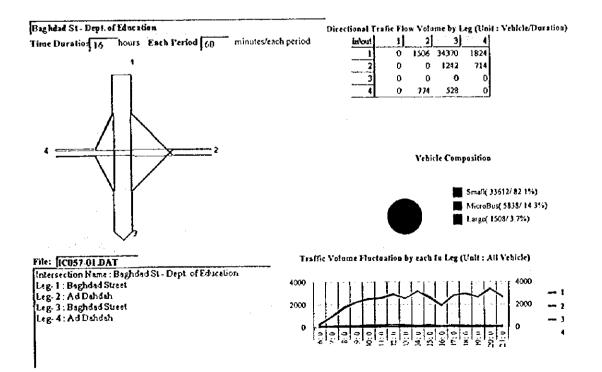


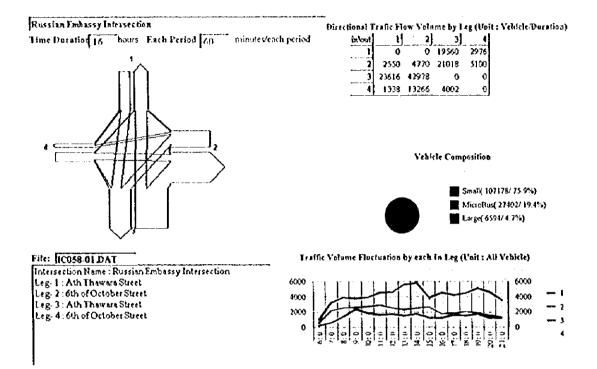
Smali( 30685/ 77.1%) MicroBus( \$256/ 20.7%) Large( 864/ 2 2%)



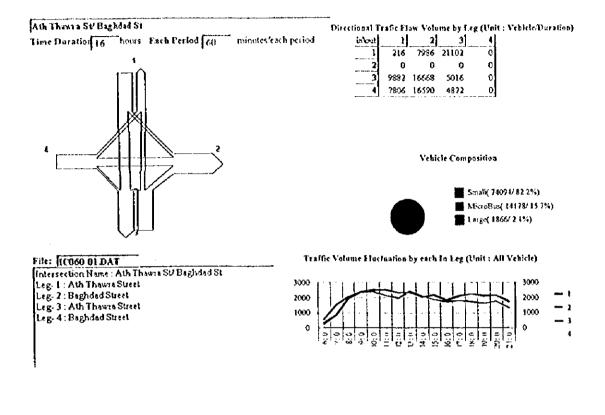


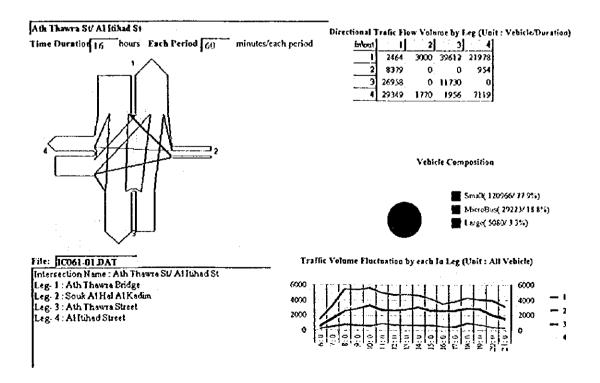


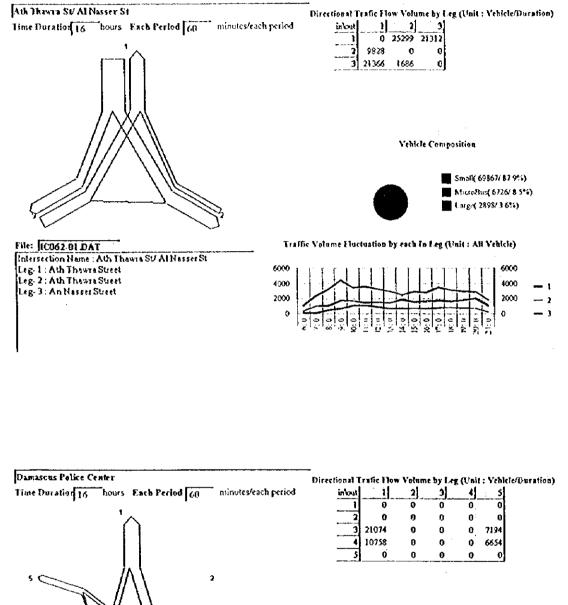




Ath Thawra St/ Murshed Khater St		— Directional Trafic	law Yolan	ne by i	Les (L'ait	• Vebicia	Պուշ	tion
Lime Duration 16 hours Each Period 60 m	ninutes/cach period	in out	2	3		5]	6	· 7
1			) 0	0	0	0	0	• 0
Δ		2 110	6 1	0	0,	0	0	9252
		(	) 0	0	\$058	0	0	37502
		(	18570	0	0	0	0	0
		5 11310	4092	0	2442	0	0	15912
MAS		6 2826	5 5518	0	37174	0	0,	1452
		7 0	0	0	O	0	0	0
s and a second s					Small( 1256 MicroBus( Lærge( 5136	25050/ 10		
Intersection Name : Ath Thawa SV Murshed Khater S	Traffi SL	c Volame Fluctuation	by each is		MicroBus( Læge( 5134	25050/ (0 5/ 3.3%)	i.1%)	
File: ICD59 01 DAT Intersection Name : Ath Thawa SV Murshed Khater S Leg. 1 : Murshed Khater Street	Traffi St 4000	c Volume Fluctuation	by each la		MicroBus( Læge( 5134	25050/ (6 5/ 3.3%) Yebicle)	i.1%)	
Intersection Name : Ath Thawra SV Murshed Khater S Leg. 1 : Murshed Khater Street Leg. 2 : Al Iman Mosque Street	51. 4000	c Volume Fluctuation	by each la		MicroBus( Large( 513) (Unit : Afi	25050/ (6 5/ 3.3%) Yebicle)	i.1%)	- 5
Intersection Name : Ath Thawra SV Murshed Khater S Leg. 1 : Murshed Khater Street Leg. 2 : Al Iman Mosque Street Leg. 3 : Ath Thawra Tunnel	SL	c Volume Fluctuation	by each la		MicroBus( Large( 513) (Unit : Afi	25050/ (6 5/ 3.3%) Yebicle)	i.1%)	- 5
Intersection Name : Ath Thawra SV Murshed Khater S Leg. 1 : Murshed Khater Street Leg. 2 : Allman Mosque Street Leg. 3 : Ath Thawra Tunnel Leg. 4 : Ath Thawra Street	4900 2000	c Volume Fluctuation	by each la		MicroBus( Large( 5134 (Unit : Aff 4000 2000	25050/ (6 5/ 3.3%) Yebicle)	i.1%)	- 5
Intersection Name : Ath Thawra SV Murshed Khater S Leg. 1 : Murshed Khater Street Leg. 2 : Al Iman Mosque Street	51. 4000	c Volume Fluctuation	by each la		MicroBus( Large( 5134 (Unit : Aff	25050/ (6 5/ 3.3%) Yebicle)	i.1%)	- 5 - 6 - 7



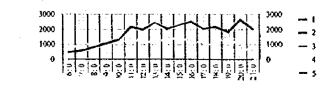




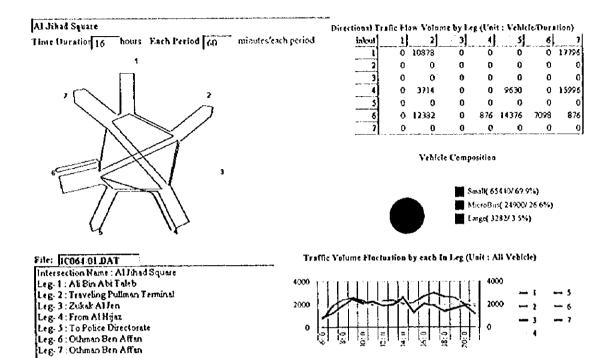
Vehicle Composition

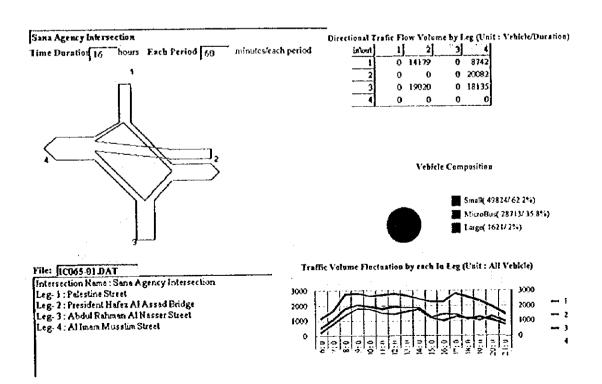


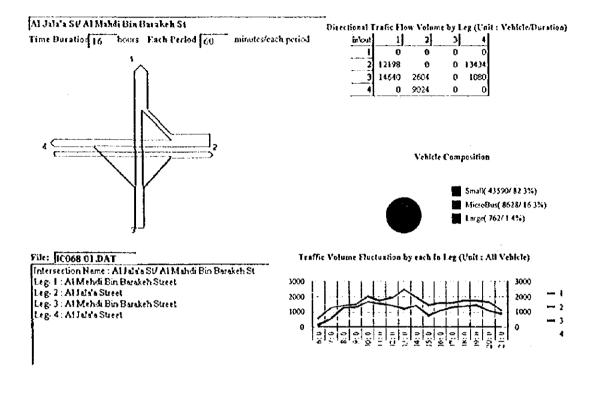
Traffic Volume Fluctuation by each In Leg (Unit : All Vehicle)

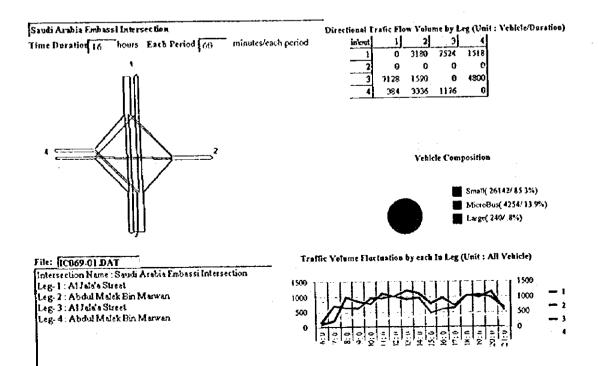


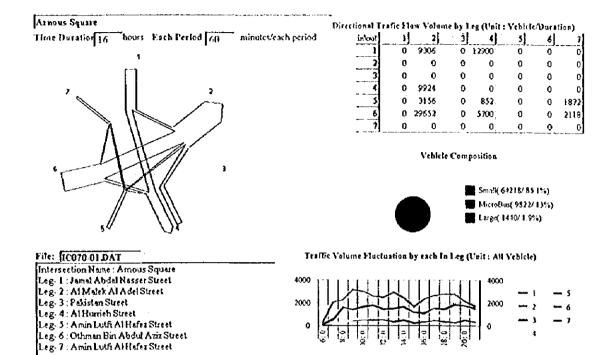
File: [ICO63.01.DAT Intersection Name : Demascus Police Center Leg. 1 : Khaled Ben A1 Waleed Street Leg. 2 : Bøb Senigeh Leg. 3 : Khaled Ben A1 Waleed Street Leg. 4 : Fire Fighting Station Leg. 5 : Police



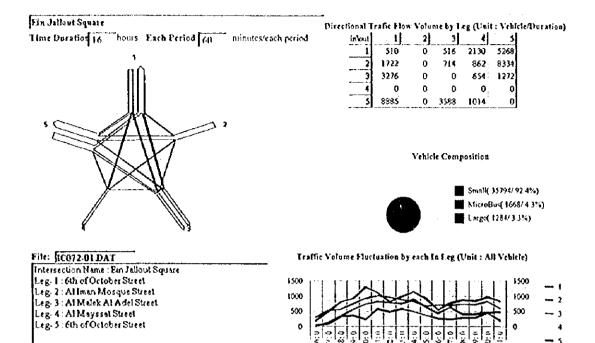




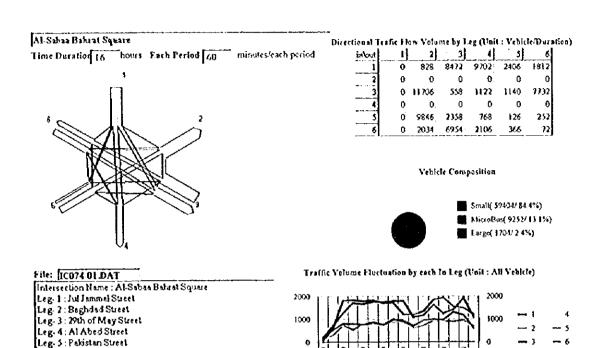




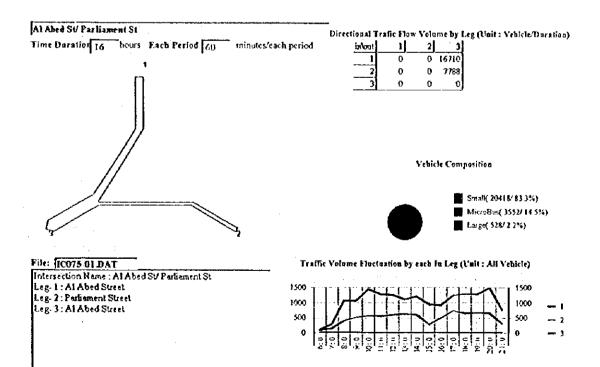
Al Shabbandar Square		Directional T	rafic Flow	r Yolu	me by l	eg (Coit :	Vehic	:le/Dara
ime Duration 16 hours Each Period 60	minutes/each period	intout	1	2	3	4	5	6
			0	0	612	7385	0	672
1		2	552	0	984	1500	0	6480
- <b>n</b> fi		3	0	Ð	0	0	0	0
			\$405	0	1128	0	0	2928
in 12		5	6576	0	11736	1614	0	10968
		6	. 0	0	0	0	0	0
		l						
				Vahle	te Com	nosition		
						hasunan.		
						Small 48	594/ 83	1%)
						MicroBus	( 8970	/153%)
						Large( 97	•	,
Uμ					_	- 6.		
,								
File: 10071-01 DAT	Traffi	c Volume Fluc	tuation by	each	Ja Eeg (	Unit : Aft	Vehic	ile)
Intersection Name : Al Shahbandar Square		1 N						
Leg-1: Rukn Al Din Street	3000 1	การกำกับ (	nacim	1-1-	mir.	FT - 3050		
Leg- 2 : Al Malek Al Adel Street	2000 -	╽╷╎╷┝┿╇╇	1 N	- الما	╘╋	2000	_	
				11		1000		
Leg. 3 : As Sabas Balvat	1000							
Leg. 3 : As Sabaa Bahrat Leg. 4 : Abdul Rahman Ash Shahbandar Street	1000		╤╤╤╪	┿		<b>+-</b> !		
Leg. 3 : As Sabas Balvat	1000					Fo	-	- 3 -

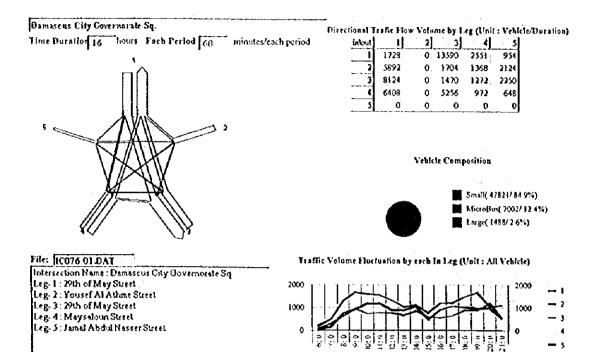


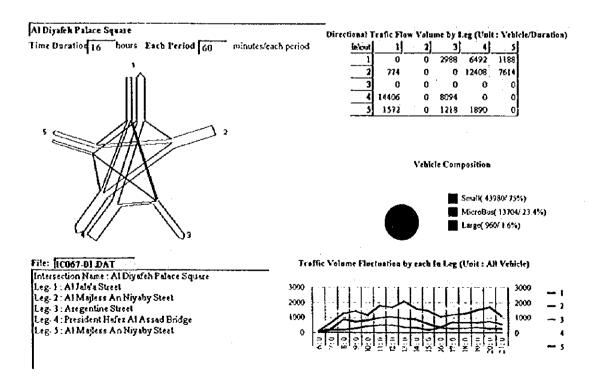
Zaki Al Mahasni (Al Iman Mosque) Sy.	Directional Trafic Flow Volume by Leg (Unit : Vehicle/Duratio
lime Duration 16 hours Each Period 60 min	nutes/each period intent 1 2 3 4 3
· •	1 0 1020 5940 5066 1378
n	2 0 0 0 13456 0
	<u>3</u> 0 966 0 4008 5112
	4 0 13458 6759 1014 5604
	Vehicle Composition Smałł(60354/94 6%) MicroBus(2092/3.3%) Large(1326/2.1%)
File: <u>ICO73 OI DAT</u> Intersection Name . Zaki Al Mahasni (Al Iman Mosque)	Traffic Volume Fluctuation by each in Leg (Unit : All Vebicle)
Leg-1: Zeki Al Atsouz	3000 1 - 1 - 1 - 3 - 1 - 1 - 1 - 1 - 1 - 1 -
Leg- 2: Osama Bin Zaid Street	2000
Leg. 3 ; Allman Mosque Street Leg. 4 ; Osama Bin Zaid Street	1000
Leg. 3 : Jui Jammal Street	
•	



Leg. 6 : Abdul Rahman Al Ghafiqi Street







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