

APPENDIX

APPENDIX 6.1 LEGAL DESCRIPTION

LEGAL DESCRIPTION

Tentative Parcel Map No. 15247

Dominguez Technology Centre - Phase One Specific Plan

That portion of the 611.05 acre tract of land in Rancho San Pedro, in the City of Carson, County of Los Angeles, State of California, allotted to Maria De Los Reyes Dominguez by Decree of Partition of a portion of said Rancho, entered in Case No. 3284 of the Superior Court of said County, described as follows:

Commencing at a point on the southerly line of said 611.05 tract, said point being distant along said southerly line North 87°58'51" East 2370.00 feet from the intersection of southerly line with the centerline of Central Avenue, as said centerline is shown on County Surveyor's Map No. 8588, on file in the office of the County Engineer of said County; thence North 4°03'09" West 40.00 feet to the True Point of Beginning of this description; thence North 2°01'09" West 600.00 feet; thence North 49°49'44" West 175.46 feet; thence North 2°01'09" West 480.00 feet; thence North 87°58'51" East 274.53 feet; thence South 49°49'44" East 42.04 feet to the beginning of a tangent curve concave northerly and have a radius of 310 feet; thence southeasterly and easterly along said curve through a central angle of 40°16'16" an arc distance of 217.89 feet; thence North 89°54'00" East 954.53 feet; thence North 87°59'27" East 180.10 feet; thence North 89°54'00" East 177.91 feet to the beginning of a tangent curve concave northwesterly and having a radius of 27 feet, said curve being tangent at its northerly terminus with a line which is parallel with and 17.00 feet westerly, measured at right angles, from the easterly line of Parcel 5, as shown on map filed in Book 53, pages 37 and 38 of Record of Surveys, in the office of the County Recorder of said County; thence northeasterly along said curve through a central angle of 93°57'09" an arc distance of 44.27 feet to said northerly terminus; thence North 85°56'51" East 17.00 feet to said easterly line; thence along said easterly line South 4°03'09" East 820.76 feet to a point on said line which is North 4°03'09" West 300 feet from the said southerly line of said 611.05 acre tract; thence South 85°56'51" West 17.00 feet; thence South 4°03'09" East 242.37 feet to a point which is North 4°03'09" West 17.00 feet from a line which is parallel with 40.00 feet northerly, measured at right angles, from said southerly line; thence South 41°57'56" West 23.61 feet to a point on said last mentioned parallel line, said point being distant along said parallel line South 87°58'51" West 17.00 feet said line which is parallel with and 17.00 feet westerly of said easterly line of Parcel 5; thence along aforementioned parallel line South 87°58'51" West 1734.60 feet to the True Point of Beginning of this description.

May 7, 1986 RC/ckd/RD J.N. 2610-19

APPENDIX 6.2 ENVIRONMENTAL INFORMATION AND CHECKLIST FORM



CITY OF CARSON

DEPARTMENT OF COMMUNITY DEVELOPMENT

ENVIRONMENTAL INFORMATION AND CHECKLIST FORM (INITIAL STUDY)

Not all projects or actions will necessitate the preparation of an Environmental Impact Report (EIR). In order to determine whether any significant environmental effects could result from the proposed project/action, the following information and checklist form must be completed by the applicant and submitted to the City's Department of Community Development for review.

As soon as possible, the Department will determine whether the proposal will require an EIR and will notify the applicant accordingly.

CHECK AP	OPRIATE BOXES	
□ Conditional Use Permit No	☐ Tentative Tract Map No	
□ Variance No.	XXX Parcel Map No. 15247	-
Zone Change No	xxx Other (specify) _Specific Plan	· · <u> </u>
☐ General Plan Amendment No		*****************
PL Date Submitted May 9, 1986	SE TYPE	
Date Oddimined	Subdivision Map	
-	and lot number(s) and nearest street intersection)	
	ilmington Avenues	
	Page 5 & 6 Parcel(s)	
	x.)	
	Telephone (213) 537-	
	City Carson Zip 90	
Legal Owner (if different from above):	,	
Name (same as above)	Telephone	
	City Zip	
Report Prepared by <u>John McKenna & Asso</u> c	ates Telephone (714) 661-	0639
	City Irvine Zip 92	
List and describe any other related permits are those required by city, regional, state or federal controls.	other public approvals required for this project incl	uding
	(FCC) license for microwave communi	

Ti no si (r	nis prology ubsequ presen	oje Cent ent tly nt	relationship between this project and a larger project or series of projects, if any? ct represents the first increment of the 300-acre Dominguez Techtre presently within the jurisdiction of the City of Carson. The development of later stages of this master planned business park zoned ML-Manufacturing Light) will also be subject to the resoft a Specific Plan.
3.	TYPE O	F PF	ROJECT. Briefly describe the project; then fill in the appropriate sections A through D below,
Tł	ne_pro	ject	t consists of a Specific Plan and a subdivision map to permit the
đ€	evelop	men	t of office, research & development and certain other related
"t	11-tec	h"	light industrial uses in a carefully designed 42-acre business
ρo	nerio	q o	a campus-like setting. The development will be implemented over f several years in accordance with the plans, guidelines and
re	gulat	ion	s established through the Specific Plan process.
			The state of the s

	A. NA	A Re	esidential; Zone (Attach plans, if applicable)
	1.		Single Family Dwellings
		а	Number of dwelling units
		b.	Acreage or square footage of site
		C.	Density (dwelling units per acre)
		d.	Average size of lots (in sq. ft.)
		e.	Average lot coverage (in sq. ft.)
		f.	Total open space (in sq. ft.)
			Height and number of stories
		h.	Off-street parking:
			Number of spaces
			Average size of stall Carport, Open, or Garage
			Above Grade,At Grade, orBelow Grade
		i.	Recreational areas (types and square feet in each)
		••	Theoreal on a square for in out of
		j.	Demographics:
		•	Approximate total number of adults
			Approximate total number of children
			Population density (population per acre)
		k.	List available utilities to the site:
			Trans 1/2 4 1/2 F.P. 2 Visited and terminal and retrieve 1 temporary and
	2.		Multiple family dwellings, including duplexes (number)
			Number of dwelling units
	•		Acreage or square footage of site
			Density (dwelling units per acre)
			Average size of lots (in sq. ft.)
		€. f	Total open space (in sq. ft.)
		ı.	Height and number of stories
			Off-street parking:
			Number of spaces
			Average size of stall
			Carport,Open, orGarage
			Above Grade At Grade or Below Grade
		i.	Recreational areas (types and square feet in each)
		j.	Demographics:
			Approximate total number of adults
			Approximate total number of children
		L	Population density (population per acre)
		A.	LIST GYGRADIC CHRISTS TO THE SHE.

1. 2.	Acreage or square footage of site
3.	Lot coverage (in sq. ft.)
4. 5.	Height and number of stories
Э.	Off-street parking: Number of spaces
	Average size of stall
	Carport,Open, orGarage
6.	Above Grade, At Grade, or Below Grade List available utilities to the site
xx	Industrial; Zone ML (Attach plans, if applicable)
1. 2.	Acreage or square footage of site 42.5 acres (approx.) Type (manufacturing, refining, etc.), number of establishments and square footage in each a. office: 712,000 SF (total); 6 bldgs. @ 100,000 SF each, 1 bldg. @ 112,000 SF
	b. office/research & development: 70,000 SF (total); 1 bldq.
	c. receiving & storage: 10,000 SF (total); 1 bldg.
3.	Lot coverage (in sq. ft.) 400,000 SF
4.	Height and number of stories 2 story/35ft; 3 story/50feet
5. 6.	Number of employees on the largest shift
•	Number of spaces 3 190
	Average size of stall 8.5 x 18 (std.): 8 x 15 (compact): 14 x 19 (handi Carport, X Open, or Garage caped
	Above Grade, _X At Grade, orBelow Grade
7.	List available utilities to the site water, sewer, electrical, natural gas,
	telephone, storm drain
N/A	Public, Institutional, Quasi-Public; Zone(Attach plans if applicable)
1.	Acreage or square footage of site
2.	Type (e.g. hospital, rest home, utility company, etc.), number of establishments, and square footage in each
3 .	Lot coverage (in sq. ft.)
4.	Height and number of stories
5 .	Off-street parking: Number of spaces
	Average size of stall
	Carport,Open, orGarage
	- Carport, 1- Charles
6.	Above Grade, At Grade, or Below Grade List available utilities to the site

4.	What is the proposed scheduling for this project? Ilpon project a ments in the existing structure (Bldg. A), and sit of Bldgs. B&D will be started. Bldgs. A&D are expoccupancy-by Jan., 1987 and Bldg. B by July, 1987. structed and ready for occupancy by Jan., 1988. Tiget will be developed over a two-to-seven year person.	e work a ected to Bldg. he remai	nd const be ready C will be nder of t	for .
	stages as outlined below.			
5.	What is the anticipated incremental development for this project? Phase A: 312,000 SF of office (3 bldgs.); 10,000	SF of re	ceiving (storage
	(1 bldq.) Phase B: 200,000 SF of office (2 bldqs.); timefra	me: 2-5	years	
	Phase C: 200,000 SF of office (2 bldqs.); 70,000 (1 bldq.); timeframe: 3-7 years	SF of of	fice/R&D	
6.	If the project involves a variance, conditional use, or rezoning application why the application is required. $\frac{N/A}{}$			

	VIRONMENTAL SETTING (Note: Questions 7 and 8 must be answere	·		
7.	On a separate page, describe the project site as it exists before the p topography, soil stability, plants and animals, and any cultural, historica existing structures on the site, and the use of the structures. Attach photopolaroid photos will be accepted. (Please refer to Chapter 2)	or scenic a	spects. Des	cribe any pshots or
8.	On a separate page, describe the surrounding properties, including informany cultural, historical or scenic aspects. Indicate the type of land use intensity of land use (one-family, apartment houses, shops, frontage, set-development (height, frontage, set-back, rear yard, etc.). Attach photograpolaroid photos will be accepted. (Please refer to Chapter Specific Plan.)	e (residention back, rear y aphs of the	al, commerc ard, etc.) an vicinity. Sna	ial, etc.), d scale of pshots or
9.	GENERAL: (For each "yes" and "maybe" response please attach an a response.)	idditional s	heet explair	ing your
		YES	MAYBE	NO_
	Will the proposal result in public controversy or objection?		***************************************	X
	 b. Has an environmental impact report already been prepared or is one under preparation for any portion or phase of the project? 	х		
	c. Other than no project at all, are there any less environmentally offensive alternatives to the project?			X
	d. Would the project have a significantly beneficial effect upon the	· ·		***************************************

			YES	WAARE	NO_
	e.	Could existing environmental conditions (social, economic or physical) subject the project to any potentially adverse effects?		***************************************	
10.	EA	ARTH. Will the proposal result in:			
	a.	unstable earth conditions or in changes in geologic substructures?	***************************************	WAS COMPANY OF THE STREET,	X
	b.	disruptions, displacements, com- paction or overcovering of the soil?	X	angan majir b Thirthing in mine	*************************************
	C.	change in topography or ground sur- face relief features?	X	***************************************	***************************************
	d.	grading, blasting, excavating or drilling of more than 5,000 cubic yards of earth?	x	***************************************	************
	е.	the destruction, covering or modi- fication of any unique geologic or physical features?		***************************************	X
	f.	any increase in wind or water erosion of soils, either on or off the site?	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		x_
	g.	changes in deposition or erosion which may modify the channel of a river or stream?	444 - E144 -	*********************	X
	h.	exposure of people or property to geo- logic hazards such as earthquakes, landslides, mudslides, ground failure, or similar hazards?		total substitute to the	X
11.	ΑT	TMOSPHERE. Will the proposal result in:			
	a.	substantial air emissions or deterio- ration of ambient air quality?			X
	b.	the creation of objectionable odors?			X
	c.	alteration of air movement, moisture or temperature, or any change in climate, either locally or regionally?	WCQ-Quarter and a state of the		X
	d.	the emission of radiation, electronic transmission, vibration into the atmosphere?	<u>x</u>		televisia respectations
12.	W	ATER. Will the proposal result in:	. ,		
	a.	changes in currents, or the course or direction of water movements, in either marine or fresh waters?	Ware de communer en caración	*****	<u> </u>
	b.	changes in absorption rates, drain- age patterns, or the rate and amount of surface water runoff?	X		
	C.	alterations to the course of flow of flood waters?		Managarity designation of the second	X_

			YES	MAYBE	NO
	d.	change in the amount of surface water in any water body?	~		_X
	e.	discharge into surface waters, or in any alteration of surface water quality, including but not limited to temperature, dissolved oxygen or turbidity?			<u> </u>
	f.	alteration of the direction or rate of flow of ground waters?			_X
	g.	change in the quantity of ground waters, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?			_X
	h.	substantial reduction in the amount of water otherwise available for public water supplies?	4,434-4,444		_X
	i.	exposure of people or property to water-related hazards such as flooding?		and the second s	<u> </u>
	j.	significant changes in the temperature, flow, or chemical content of surface thermal springs?		******	-X
13.	PL	ANT LIFE. Will the proposal result in:			
	a.	change in the diversity of species, or number of any species of plants (including trees, shrubs, grass, crops, microflora and aquatic plants)?	<u> </u>	· ·	500 00 00 00 00 00 00 00 00 00 00 00 00
	b.	reduction of the numbers of any unique, rare or endangered species of plants?	Manager 19 - 19 - 19 - 19 - 19 - 19 - 19 - 19	******************	<u>x</u>
	C.	introduction of new species of plants into an area, or in a barrier to the normal replenishment of existing species?	X	**************************************	Market Str. April 2000 policy (m.
	d.	reduction in acreage of any agri- cultural crop?		And the second s	Х
14.	AN	IIMAL LIFE. Will the proposal result in:			
	a.	change in the diversity of species, or numbers of any species of animals (birds, land animals including reptiles, fish and shellfish, benthic organisms, insects or microfauna)?		<u>x</u>	
	b.	reduction of the numbers of any unique, rare or endangerd species of animals?	****************	With Marks on the state of the state of	<u>X</u>
	C.	introduction of new species of animals into an area, or result in a barrier to the migration or movement of animals?			_X
	d.	deterioration to existing fish or wildlife habitat?			_X

		YES	MAYBE	NO
15.	NOISE. Will the proposal result in:			
	a. increases in existing noise levels?	X	***************************************	
	 exposure of people to severe noise levels? 	******************	-	X_
16.	LIGHT AND GLARE. Will the proposal produce new light or glare?	X		
17.	LAND USE. Will the proposal result in a substantial alteration of the present or planned land use of an area?		*****	X_
18.	RESOURCES. Will the proposal result in:			
	a. increase in the rate of use of any natural resources?		44-14-14-14-14-14-14-14-14-14-14-14-14-1	X
	b. substantial depletion of any non- renewable natural resource?	***************************************	****	<u>X</u>
	c. change in natural or man-made features unique to the project area?	tour disrepation de la constitución de la constituc	***************************************	X
19.	RISK OF UPSET. Does the proposal involve:			
	 a risk of an explosion or the release of hazardous substances (including, but not limited to, oil, pesticides, chemicals or radiation) in the event of an accident or upset conditions? 			X
	b. use of disposal of potentially hazardous materials, such as toxic substances, flammables, or explosives?	SEA A-1-10-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	Militario de la companio de la comp	X
	c. possible interference with an emergency response plan or an emergency evacuation plan?			X
20.	POPULATION. Will the proposal alter the location, distribution, displacement, density, or growth rate of the human population of an area?		_X ·	
21.	HOUSING. Will the proposal affect existing housing, or create a demand for additional housing?		_X	-
22.	TRANSPORTATION/CIRCULATION. Will the proposal result in:			
	a. generation of substantial addi- tional vehicular movement?	X		***************************************
	 effects on existing parking facilities, or demand for new parking? 	***************************************	**************	X
	c. substantial impact upon existing transportation systems?	And the second second second	X	ent-officered attitude de mar
	d. alterations to present patterns of circulation or movement of people and/or goods?	-	-	X
	e. alterations to waterborne, rail or air traffic?	Marie Control of the		<u> </u>
	f. other governmental services?		Mer description and the second	X

		YES	MAYBE	NO .
23	B. PUBLIC SERVICES. Will the proposal have an effect upon, or result in a need for new or altered governmental services in any of the following:			
	a. fire protection?		X	
	b. police protection?			X
	c. schools?			X
	d. parks or other recreational facilities?			X
	e. maintenance of public facilities, including roads?		_x	
	f. other governmental services?	****		<u> </u>
24	ENERGY. Will the proposal result in:			
	use of substantial amounts of fuel or energy?			X
	 b. substantial increase in demand upon exisiting sources of energy, or require the development of new sources of energy? 	State of the state	**************************************	x
25.	UTILITIES. Will the proposal result in a need for new systems, or substantial alterations to the following utilities:			
	a. power or natural gas?			x
	b. communications systems?	***************************************		X
	c. water?		****	X
	d. sewer or septic tanks?	X		
	e. storm water drainage?			X
	f. solid waste and disposal?		-	X
26 .	HUMAN HEALTH. Will the proposal result in:			
	a. creation of any health hazard or potential health hazards?	Mark the state of	de-	<u>X</u>
	 b. exposure of people to potential health hazards? 	#Northern Agency agency		X
27.	AESTHETICS. Will the proposal result in the obstruction of any scenic view or vista open to the public, or will the proposal result in the creation of an aesthetically offensive site open to public view?			X
28.	RECREATION. Will the proposal result in an impact upon the quality or quantity of existing natural, ecological, scenic, or recreational opportunities or resources?			
		***************************************		X

			YES	MAYBE	NO
29.	CI	ULTURAL RESOURCES.			
	a.	Will the proposal result in the alteration of or the destruction of a prehistoric or archeological site?			X
	b.	Will the proposal result in adverse physical or aesthetic effects on a prehistoric building, structure, or object?			<u>x</u>
	C.	Does the proposal have the potential to cause a physical change which would affect unique ethnic cultural values?			X
	d.	Will the proposal restrict existing religious or sacred uses within the potential impact area?			X
30 .	MA	ANDATORY FINDINGS OF SIGNIFICANCE.			
	a.	Does the project have the potential to degrade the quality of the environment, substantially reduce the habitat of a fish or wildlife species, cause a fish or wildlife population to drop below self-sustaining levels, threaten to eliminate a plant or animal community, reduce the number or restrict the range of a rare or endangered plant or animal or eliminate important examples of the major periods of California history or prehistory?			X
	b.	Does the project have the potential to achieve short-term, to the disadvantage of long-term environmental goals? (A short-term impact on the environment is one which occurs in a relatively brief, definitive period of time while long-term impacts will endure well into the future.)		Pääsiläväridekkiina	X
	C.	Does the project have impacts which are individually limited, but cumulatively considerable? (A project may impact on two or more separate sources where the impact on each resource is relatively small, but where the effect of the total of those impacts on the environment is significant.)			X
	d.	Does the project have environmental effect which will cause substantial adverse effect on human beings, either directly or indirectly?			X
data i	and nfoi	ICATION: I hereby certify that the statements furn information required for this initial evaluation to rmation presented are true and correct to the be	the best of my ability, and the	it the facts, star f.	esent the lements,

CITY OF CARSON

DEPARTMENT OF COMMUNITY DEVELOPMENT

LEAD AGENCY

ANALYSIS AND DETERMINATION OF THE ENVIRONMENTAL INFORMATION AND CHECKLIST FORM (Initial Study)

ANALYSIS (see other side)

DETER	MINATION
On the	basis of this initial evaluation:
· · · · · ·	I find the proposed project COULD NOT have a significant effect on the environment, is exemp from CEQA requirements, and a CATEGORICAL EXEMPTION will be prepared.
****	I find the proposed project COULD NOT have a significant effect on the environment, and a NEGATIVE DELCARATION will be prepared.
-	I find that although the proposed project could have a significant effect on the environment there will not be a significant effect in this case because the mitigation measures described or the attached sheet have been added to the project. A NEGATIVE DECLARATION WILL BE PREPARED.
енде обо техноромогра	I find the proposed project MAY have a significant effect on the environment, and an ENVIRON MENTAL IMPACT REPORT is required.
Date	By By COMMUNITY DEVELOPMENT DEPARTMENT
	COMMONITY DEVELOPMENT DEPARTMENT
	Filing Fee: \$50
	Planning Division Use Only
	Filed19,
	Fee \$
	Receipt No.
	Ву

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CITY OF CARSON INITIAL STUDY Attachment 1

GENERAL

9.b An Environmental Impact Report (State Clearing House No. 80072309) was certified for the comprehensive update and amendment of the City of Carson General Plan in December 1981. That General Plan amendment action included a change in the Land Use Element designation for the subject site to the present Light Industrial classification.

EARTH

- 10.b Implementation of the proposed project will require onsite grading operations, involving excavation and fill, in order to create level surfaces for structures and acceptable gradients for streets, drives, parking areas, walkways, etc. Grading for site development will result in the alteration of the existing ground surface. Approximately 180,000 cubic yards of earth will be moved.
- 10.c See response to 10.b, above.
- 10.d See response to 10.b, above.

ATMOSPHERE

11.d The proposed project will involve the use of a roof-mounted antenna for microwave communication (reception and transmission). The microwave communications system will be subject to the licensing and operational regulations of the Federal Communications Commission.

WATER

12.b The proposed project will include the construction of buildings and impervious surfaces such as streets, parking lots, walkways, etc., which will result in an increase in the amount of surface water runoff. This increased runoff has been anticipated in the Los Angeles County Flood Control District's master planning for the area. The existing downstream facilities, which will receive the storm water runoff from the project, have been designed and constructed to accommodate adequately the increased flows at build-out of the development.

PLANT LIFE

13.a The proposed project, when implemented, will include extensive landscaping of all open, unpaved areas. The introduced landscape will be comprised of a

great number of ornamental plants (including trees, shrubs, vines and ground covers) enriching the diversity of existing plant species. Most of the plant materials will be new to the site itself, but are common to much of the suburban landscape palette of the surrounding area.

13.c See response to 13.a, above.

ANIMAL LIFE

14.a The introduction of a significant number of trees and shrubs in the project's landscape may result in an increase in the diversity of species and/or numbers of any species of animals (especially birds) due to a more diversified habitat which provides greater opportunity for nesting sites, cover and food.

NOISE

The proposed project will result in an increase in both short-term and long-term noise levels. Short-term noise levels will be increased as a result of onsite grading and construction activities during the development phases of the project. These activities will be confined to the hours between 7:00 a.m. and 7:00 p.m. Long-term noise level increases will result from the increased volume of traffic in the area generated by the project's employees. A traffic analysis conducted for the project concludes that the distribution of the increased vehicle trips is such that the traffic impacts on University Avenue and Wilmington Avenue south of University Avenue are not significant. Therefore, the noise level impacts on the most noise-sensitive adjacent uses, the existing residential neighborhood south and west of the University Avenue/Wilmington Avenue intersection, are not considered significant. The existing block wall which currently separates the residential area from these two arterials provides an ideal sound barrier and serves to mitigate existing and future noise impacts.

LIGHT AND GLARE

16. The proposed project will include lighting for streets and parking areas for security and safety purposes. All lighting will be designed and placed so as to confine all direct rays to the premises.

POPULATION

20. The initial phase of the project will provide new facilities for the relocation of the future tenant's existing labor force from the current site within the South Bay area. The later phases may result in the creation of new jobs which might be filled by residents of the local Carson area. These potential new employment opportunities may result in an increase in the population and housing growth rates for the City of Carson.

21. The potential for employment growth in the later phases of the project may create a demand for additional housing in the local area.

TRANSPORTATION/CIRCULATION

- 22.a According to the traffic analysis conducted for the proposed project, the Average Daily Trips (ADT) of the surrounding roadway network are expected to be increased by 7.700 (±) ADT over existing volumes at the completion of the project. Please refer to the traffic study for a complete discussion of the project's impacts and the measures which have been incorporated in the project design to mitigate those impacts.
- 22.c The proposed project will have impacts on the existing transportation system which might be viewed as substantial. The traffic study has identified those potential impacts and recommended certain improvements as mitigation measures. Those improvements have been incorporated in the project design to ensure that the future transportation system is capable of handling the ultimate traffic from the project at build-out.

PUBLIC SERVICES

- 23.a The proposed project will place additional structures, equipment and people in the area. This will increase the demand for fire and paramedic services in the area and may result in the need for additional fire department personnel and/or equipment in order to maintain present levels of service.
- 23.e The possible addition of public streets in the future may increase the demand for maintenance.

UTILITIES

25.d The latter phases of the project will require the construction of a new sewer line to extend from the southwesterly portion of the site and connecting with a future trunk line lateral in Del Amo Boulevard. The future trunk line would be constructed by the Los Angeles County Sanitation District, while the sewer line connection to the site (to be located in Central Avenue and University Avenue) would be the responsibility of the developer.

APPENDIX 6.3 NOTICE OF DETERMINATION

(TO BE INCLUDED AT A I

APPENDIX 6.4 TRAFFIC STUDY

TRAFFIC IMPACT REPORT FOR THE DOMINGUEZ TECHNOLOGY CENTER SPECIFIC PLAN

Prepared for:

DOMINGUEZ PROPERTIES

Prepared by:

Crain & Associates
2007 Sawtelle Boulevard
Los Angeles, California 90025
(213) 473-6508

EXECUTIVE SUMMARY

The proposed project under consideration will consist of a 40-acre industrial/R & D park with a total building floor area of approximately 770,000 gross square feet. Up to 2,500 workers may ultimately be employed at the project site. The development is planned for the northwest corner of Wilmington Avenue and University Drive in the City of Carson. When developed, the project is estimated to generate 924 vehicle trips during the AM and PM peak hours. Access to the project will be provided via Glenn Curtis Street, a private road which intersects Wilmington Avenue north of University Drive.

Analysis of the proposed industrial park development shows that the project will add incremental volumes of traffic to the existing street system serving the study area. This study shows that project traffic generation and impacts to the adjacent street system will be moderate, and require the implementation of the following project mitigation measures.

- o The intersection of Glenn Curtiss Street and Wilmington Avenue should be signalized concurrently with the completion and occupation of the first buildings of the planned development. Based on estimated project traffic, signal warrants at this intersection will be satisfied. (See Appendix A).
- o Glenn Curtiss Street should be designed and constructed to industrial collector specifications. In general, this requires a roadway width of 64 feet in an 80-foot right-of-way. This measure will provide for the eventual traffic volumes at the site as development continues.

- o All interior streets should be designed to allow for future dedication to the City of Carson, if needed. This implies the reservation of a 64-foot minimum right-of-way and required setbacks along any such street.
- o The developer will initiate and complete a long-range traffic study and plan for the remaining 260-acre parcel. This plan will address the impacts of the cumulative use of the site. The substantial traffic volumes expected to be generated by the development of the total project indicate that a thorough access and circulation plan will be necessary.
- o <u>Tranportation Action Program</u>. As part of the project, a transportation action program should be developed to encourage building employees to participate in ride-sharing and other traffic reduction measures. The program could consist of, but not be limited to, the following:
 - Make carpool information available to employees and encourage formation of carpools/vanpools. In addition, carpool matching facilities of Commuter/Computer, Inc., the regional carpool matching agency, should be utilized.
 - A preferential parking program for carpool employees should be implemented as a part of the program, thereby encouraging carpooling among employees.
 - Transit schedules, maps and other transit information should be made available to employees and others who would be travelling to and from the proposed project.

- Flexible work schedules should be offered to employees at the project. Flexible scheduling allows employees to travel to and from the project during off-peak periods. The prospective tenant of the project currently encourages flex-time and offers it to their employees.

Implementation of the above measures will further reduce the projects' traffic impacts.

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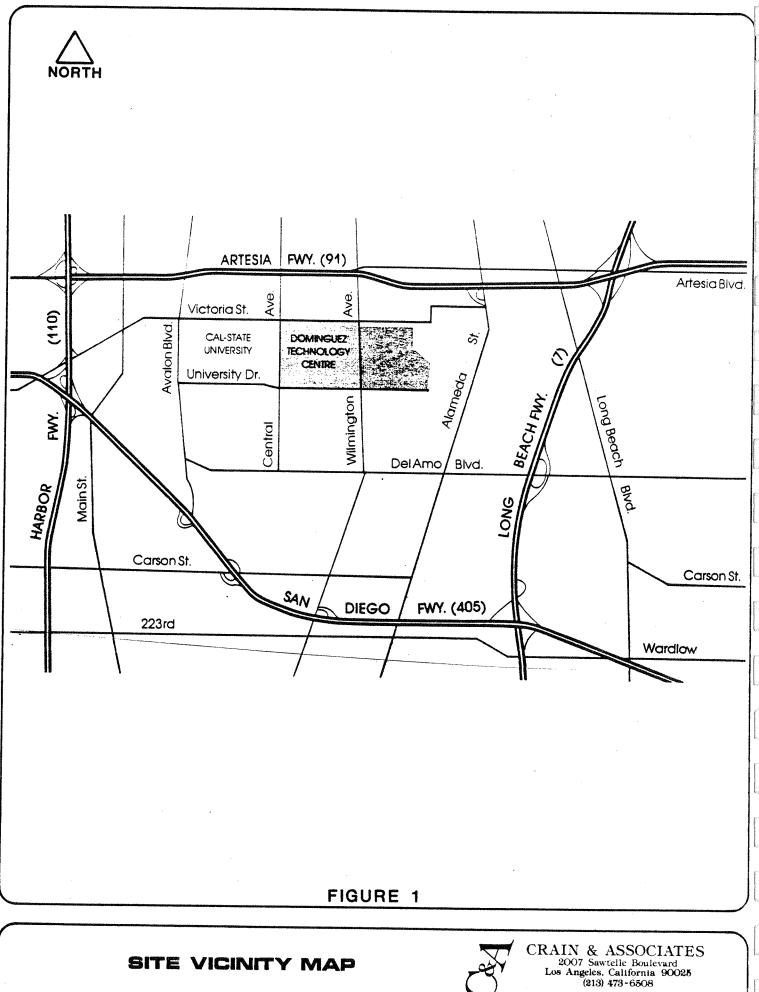
INTRODUCTION

Dominguez Properties plans to develop an industrial/R & D park on the northwest corner of Wilmington Avenue and University Drive in the City of Carson (See Site Vicinity Map, Figure 1). As part of the Specific Plan for the property, Crain & Associates has been asked to conduct this traffic study to analyze the project and to assess the impact of the proposed project on the surrounding street system.

This report documents results of an analysis of existing conditions as well as projected traffic conditions after completion of the proposed project. At the request of the Carson Department of Public Works, particular attention has been given to studying the impact of project traffic at the intersections of:

- o Central Avenue and Westbound Artesia Freeway Ramps
- o Central Avenue and Eastbound Artesia Freeway Ramps
- o Central Avenue and Victoria Street
- o Central Avenue and University Drive
- o Wilmington Avenue and Westbound Artesia Freeway Ramps
- o Wilmington Avenue and Eastbound Artesia Freeway Ramps
- o Wilmington Avenue and Victoria Street
- o Wilmington Avenue and University Drive
- o Wilmington Avenue and Del Amo Boulevard
- o Wilmington Avenue and Glenn Curtiss Street
- o Avalon Boulevard and University Drive

Cumulative traffic impacts have also been addressed, based on expected continued growth on the study area street systems.





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PROJECT DESCRIPTION

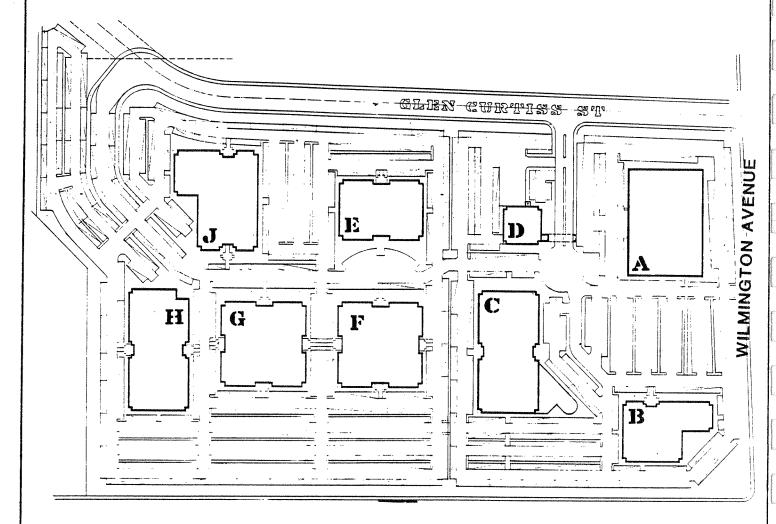
The project under consideration consists of a 40-acre industrial park totalling 770,000 gross square feet of building area. The project is located on the northwest corner of Wilmington Avenue and University Drive in the City of Carson.

Parking for the proposed project will be located adjacent to the nine proposed buildings and will provide approximately 3,000 parking spaces.

Access to the project is to be provided via Glenn Curtiss Street, a private road which intersects Wilmington Avenue, north of University Drive. The proposed project is shown on the site plan (see Figure 2).

The 40-acre project under consideration is the first phase of development of a total program for 300 acres in the City of Carson. The remaining 260 acres are to be developed over a 10 to 12-year period, as market demand warrants. All of the eventual development on the Dominguez Properties parcels is expected to be industrial/R & D park use, although the total square footage of the buildings on the 260-acre parcel is not certain at this time. The phasing and description of the total Dominguez Properties program is summarized in Table 1.





UNIVERSITY DRIVE

FIGURE 2

SITE PLAN



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Table 1 Project Description and Phasing

Development Phase	Description	Location
I.	40 acre Industrial Park 777,000 GSF building area	North side of University Drive, west of Wilmington Avenue
II.	260 acre Industrial Park	West side of Wilmington Avenue, between Victoria Street and University Drive

This traffic report primarily addresses the impacts of the first (40-acre) phase of development. The estimated traffic generation of the remaining 260-acre parcel is addressed in this report, and a detailed assessment of the long-range impacts of the total development is currently in preparation as a separate document.

ENVIRONMENTAL SETTING

The Carson street system is composed of a grid of major and secondary highways and local streets. This grid system is generally based on one-mile spacing between major highways.

The Artesia Freeway (State Route 91) runs in an east-west direction approximately one-and-one-half miles north of the project site. The San Diego and Harbor Freeways also provide regional access to the Carson area. Access to the Artesia Freeway from the local street system is provided at less than one mile spacing. In the vicinity of the proposed project, the closest access points to the Artesia Freeway are at Wilmington Avenue, Central Avenue and Avalon Boulevard.

Streets and Highways

One of the most important streets in this area, both in terms of existing traffic needs and in terms of access for the proposed project, is Wilmington Avenue. Wilmington Avenue is a north-south major highway in the Carson-Wilmington area. Near the proposed project, Wilmington Avenue provides for two lanes of traffic in each direction, with separate left-turn lanes at important intersections. Wilmington Avenue is improved to a 84-foot roadway in the vicinity of University Drive. North of the project site, Wilmington Avenue narrows to a width of approximately 60-65 feet.

University Drive is a four-lane secondary highway and is 64 feet wide, curb-to-curb, west of Wilmington Avenue. At its intersection with Wilmington Avenue, University Drive provides two through traffic lanes plus exclusive left and right-turn lanes.

Central Avenue is a north-south major highway in the vicinity of the proposed project. This roadway is 80 feet wide curb-to-curb south of University Drive and 84 feet wide north of Victoria Street. Central Avenue is not completed between University Drive and Victoria Street.

Avalon Boulevard is an important north-south major highway, with continuity from San Pedro to south-central Los Angeles. Avalon Boulevard provides for three lanes of traffic in each direction, with left-turn channelization at the more important intersections.

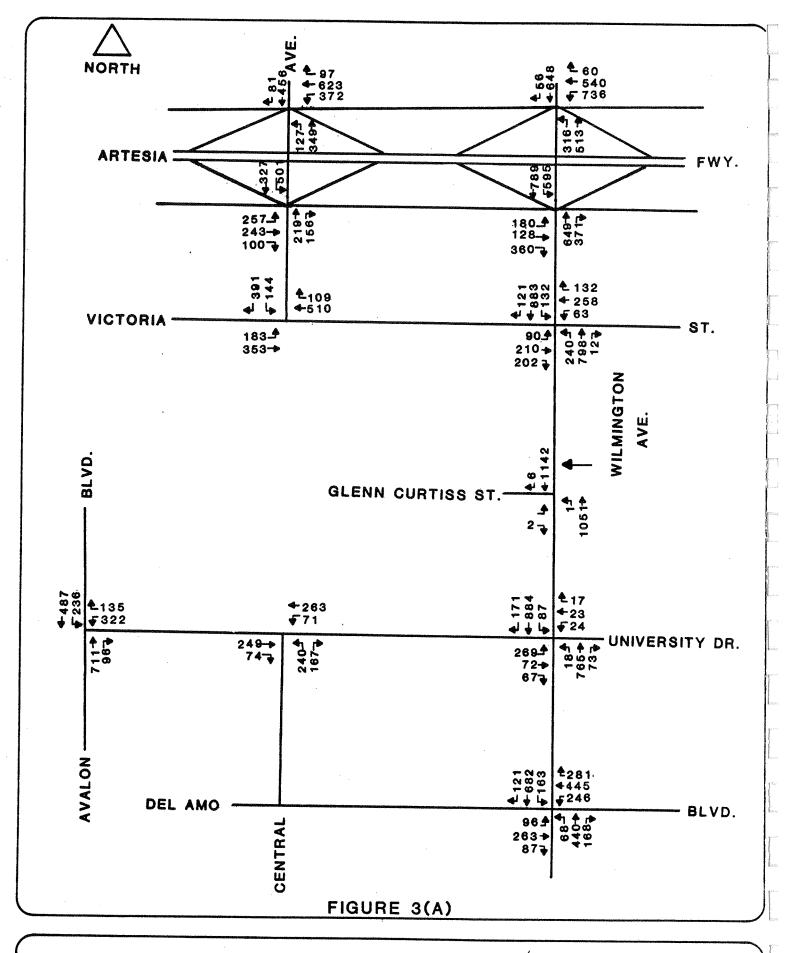
Victoria Street is a major highway in the vicinity of the proposed project. This east-west oriented street is developed to a width of 80-feet west of Central Avenue and approximately 60-feet east of Central Avenue. At its intersection with Wilmington Avenue, Victoria Street provides one through lane, one left-turn lane and one right-turn lane in each direction.

Glenn Curtiss Street is the project access road. This private street is to be constructed to secondary highway specification, and will provide two left-turn lanes and one right-turn lane at its "tee" intersection with Wilmington Avenue.

Existing Traffic Volumes

Existing traffic counts, provided by the City of Carson, along the local street system, were reviewed. These counts and counts conducted by Crain & Associates were used in the analysis of traffic conditions near the project site. These traffic counts also provide the basis for projections of future traffic discussed later in this report. Field surveys of the street system were made by Crain & Associates to obtain additional traffic system data.

Existing 1986 AM and PM peak hour traffic patterns are summarized in Figure 4.



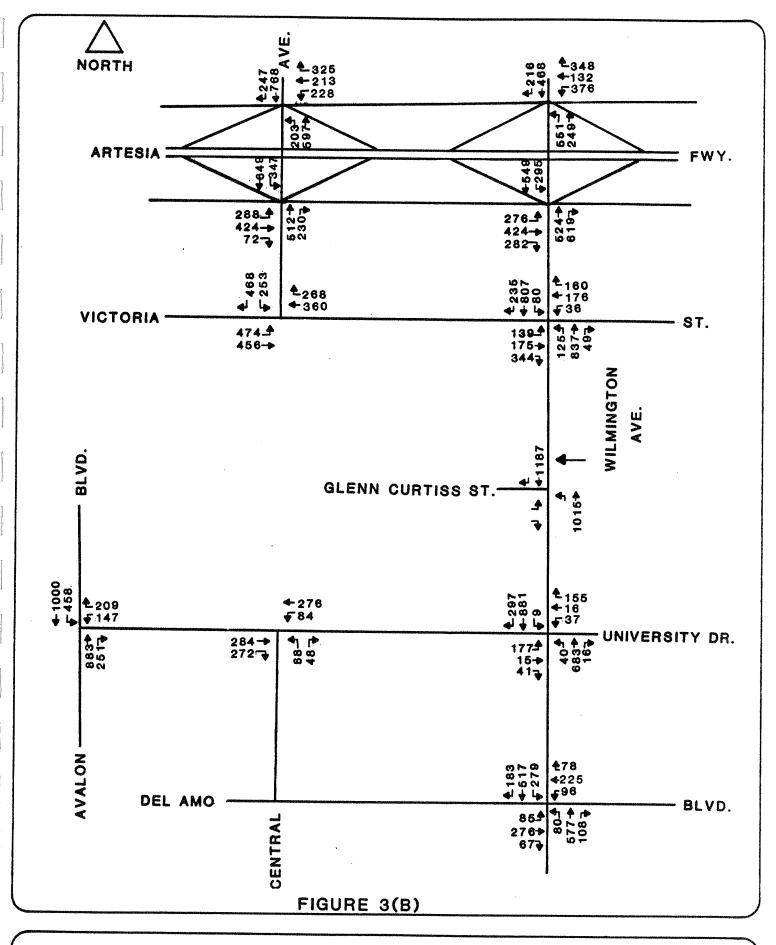
EXISTING (1986) TRAFFIC VOLUMES AM PEAK HOUR



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EXISTING (1986) TRAFFIC VOLUMES PM PEAK HOUR

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Analysis of Existing Conditions

Detailed analyses of existing traffic conditions were performed at the following eleven intersections:

- o Central Avenue and Westbound Artesia Freeway Ramps
- o Central Avenue and Eastbound Artesia Freeway Ramps
- o Central Avenue and Victoria Street
- o Central Avenue and University Drive
- o Wilmington Avenue and Westbound Artesia Freeway Ramps
- o Wilmington Avenue and Eastbound Artesia Freeway Ramps
- o Wilmington Avenue and Victoria Street
- o Wilmington Avenue and University Drive
- o Wilmington Avenue and Del Amo Boulevard
- o Wilmington Avenue and Glenn Curtiss Street
- o Avalon Boulevard and University Drive

The traffic analysis was performed through the use of established traffic engineering techniques. The new traffic counts described earlier were utilized so as to reflect any recent changes in traffic demand patterns.

Other data pertaining to intersection geometrics, parking related curb restrictions, and signal operations were obtained through field surveys of the study locations.

The methodology used in this study for the analysis and evaluation of the traffic operations at each of the study intersections is based on the procedures outlined in the Highway Capacity Manual. In the discussion of Critical Movement Analysis (CMA) for signalized intersections, procedures are

developed for determining operating characteristics of an intersection in terms of the "Level of Service" provided for different levels of traffic volume and other variables, such as the number of signal phases. The term "Level of Service" describes the quality of traffic flow. Levels of Service A to C operate quite well. Level C normally is taken as a design level in urban areas outside a regional core. Level D typically is the level for which a metropolitan area street system is designed. Level E represents volumes at or near the capacity of the highway which will result in possible stoppages of momentary duration and occassional unstable flow. Level F occurs when a facility is overloaded and is characterized by stop-and-go traffic, with possible stoppages of long duration.

A determination of the Level of Service at an intersection, where traffic volumes are known or have been projected, can be obtained through a summation of the critical lane volumes at that intersection. A critical lane volume is the highest hourly vehicular demand that must be accommodated in each lane during a given signal phase. Once the sum of critical lane volumes has been determined, the values indicated in Table 2 can be used to determine the applicable Level of Service.

Table 2
Critical Volume Ranges*
for Determining Levels of Service

	Maximum Su	m of Critical	Volumes (VPH)
Level of	Two	Three	Four or
Service	Phase	Phase	More Phases
A	900	855	825
В	1,050	1,000	965
C	1,200	1,140	1,100
D	1,350	1,275	1,225
E	1,500	1,425	1,375
F	8999 data data mas usas]	not applicable	

^{*} For planning applications only, i.e., not appropriate for operations and design applications.

Capacity is defined herein to represent the maximum total hourly volume of vehicles in the critical lanes which has a reasonable expectation of passing through an intersection under prevailing roadway and traffic conditions. For planning purposes, capacity equates to the maximum value for Level of Service E, as indicated in Table 2.

The Critical Movement Analysis values are determined by dividing the sum of critical lane volumes by the appropriate capacity value for the type of signal control present or proposed at the study locations. Thus, the Level of Service corresponding to a range of CMA values is shown in Table 3.

Table 3
Level of Service
As a Function of CMA Values

Level of Services	Range of CMA Values
A	< 0.60
В	0.60 - 0.70
C	0.70 - 0.80
D	0.80 - 0.90
E	0.90 - 1.00
F	> 1.00

By applying the above analysis procedure to the designated study intersections, the Critical Movement Analysis (CMA) value and the corresponding Levels of Service (LOS) can be determined.

The results of the critical lane analysis are shown in Table 4. These values indicate that most the streets in the vicinity of the proposed project are operating at acceptable Levels of Service. The most critical intersection is that of Wilmington Avenue and the eastbound Artesia Freeway ramps. During the AM and PM peak traffic periods, this intersection is currently operating at Level of Service E. The intersection of Central Avenue and Victoria Street is operating at Level of Service D during the PM peak hour. the intersection of Wilmington Avenue and the westbound Artesia Freeway ramps operates at Level of Service D during the AM peak hour. The other study intersections are operating at Level of Service C or better, during both the AM and PM peak hours.

Table 4
Existing 1986 Critical Movement Analysis Summary

Intersection	AM Peak CMA	LOS	PM Peak CMA	Hour
Central Avenue and Westbound Artesia Freeway Ramps	0.69	В	0.64	В
Central Avenue and Eastbound Artesia Freeway Ramps	0.64	В	0.63	В
Central Avenue and Victoria Street	0.72	С	0.87	D
Central Avenue and University Drive	0.29	A	0.28	A
Wilmington Avenue and Westbound Artesia Freeway Ramps	0.83	D	0.80	C
Wilmington Avenue and Eastbound Artesia Freeway Ramps	0.93	E	0.94	Ē
Wilmington Avenue and Victoria Street	0.69	В	0.61	В
Wilmington Avenue and University Drive	0.53	A	0.57	A
Wilmington Avenue and Del Amo Boulevard	0.52	A	0.53	A
Wilmington Avenue and Glenn Curtiss Street	0.38	Α	0.40	Α
Avalon Boulevard and University Drive	0.56	A	0.68	В

PROJECT TRAFFIC

The primary emphasis of this report is to determine and document traffic impacts of the proposed project on the adjacent street system. The following section describes the methodology used and the results of the calculations for the traffic expected to be generated by the proposed 770,000 GSF industrial park.

Traffic Generation

Traffic generating characteristics of industrial parks have been surveyed and documented in studies of actual past experience. The San Diego Association of Governments (SANDAG), in cooperation with Caltrans, has recently completed an extensive study of the trip generation characteristics of industrial/R & D parks in the Southern California context.

In terms of the mix of tenant firms, types of use and density of development, the SANDAG/Caltrans study sample is similar to the proposed Dominguez Properties development. The trip generation rates derived in the SANDAG study are somewhat higher than the nationwide rates recommended by the Institute of Transportation Engineers (ITE). The SANDAG trip generation rates were used in the analysis of the Dominguez Properties project, in order to provide a conservative, "worst-case" appraisal of potential project traffic generation. The trip generation rates which were used for the estimation of project-induced traffic are shown in Table 5.

Table 5
Trip Generation Rates

Description	Daily Trips	AM Peal	k Hour OUT	PM Peak IN	Hour OUT
Industrial Park					
Trips per 1,000 GSF	10.00	0.96	0.24	0.24	0.96
Trips per acre	130.00	14.56	3.64	3.90	15.60

Applying these trip generation rates to the 770,000 GSF project under consideration, and the subsequent long-range development phases yields the following estimates of potential trip generation:

Table 6
Specific Plan Traffic Generation

Description	Daily	AM Peak	Hour	PM Peak	Hour
	Trips	IN	OUT	<u>IN</u>	OUT
770,000 GSF Industrial Park (40 acres)	7,700	739	185	185	739

Table 7
Estimated Traffic Generation for Subsequent
Development Phases

<u>Description</u>	Daily Trips	AM Peak IN	Hour OUT	PM Peak <u>IN</u>	Hour OUT
260-acre Industrial Park	33,800	3,786	946	1,104	1,134

Trip Distribution

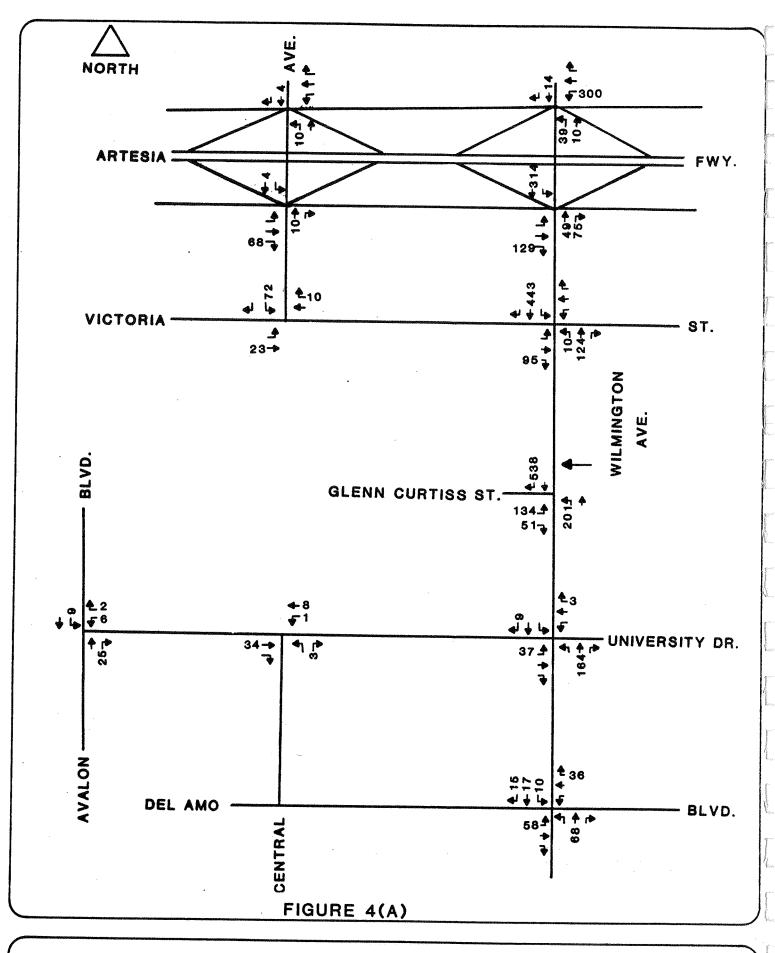
Determination of the geographic distribution of project generated trips was based on data provided by the City of Carson. The traffic directional distribution was developed as a part of the City's Amendment to its Redevelopment Plan. In addition, turning movement data was reviewed to determine the percentage trip distributions at intersections near the project site. From these combined sources, project trip distributions were developed. The percent split of trips, by direction, is summarized in Table 8.

Table 8 Directional Distribution

- 19.9% To the north and west via the Harbor and San Diego Freeways and Artesia Boulevard.
- 21.3% To the north and east via the Long Beach and Artesia Freeways.
- 19.3% To the south and east via the San Diego and Long Beach Freeways and Pacific Coast Highway.
- 6.8% To the south and west via the Harbor Freeway and Pacific Coast Highway.
- 5.5% To arterial streets to the north.
- 12.9% To arterial streets to the west.
- 5.4% To arterial streets to the south.
- 5.2% To arterial streets to the east.
- 3.7% Internal to the City of Carson.

Traffic Assignment

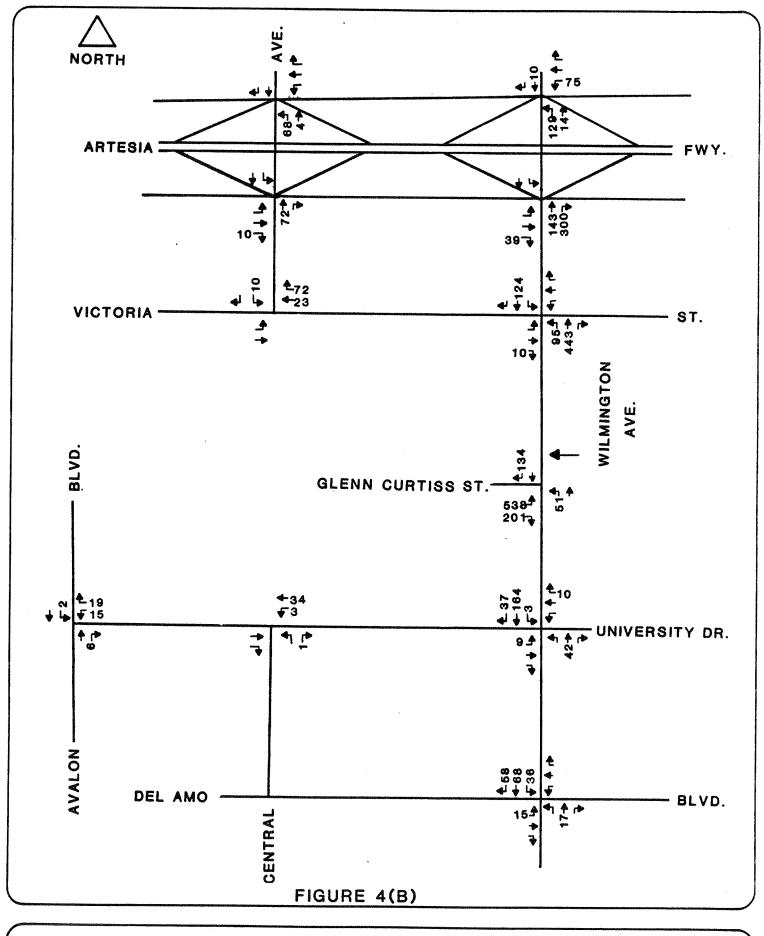
The assignment of traffic to the street and highway system was accomplished in two steps. Using the project traffic generation values and directional distribution percentages discussed previously, the number of inbound and outbound trips in each direction was calculated for the AM and PM peak hours. These trips were assigned to specific routes serving the project area. The results of the traffic assignment provide the necessary level of detail to conduct the traffic analysis. Results of the AM and PM peak hour traffic assignments are shown in Figure 4.



PROJECT TRAFFIC VOLUMES AM PEAK HOUR



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PROJECT TRAFFIC VOLUMES PM PEAK HOUR



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FUTURE TRAFFIC CONDITIONS

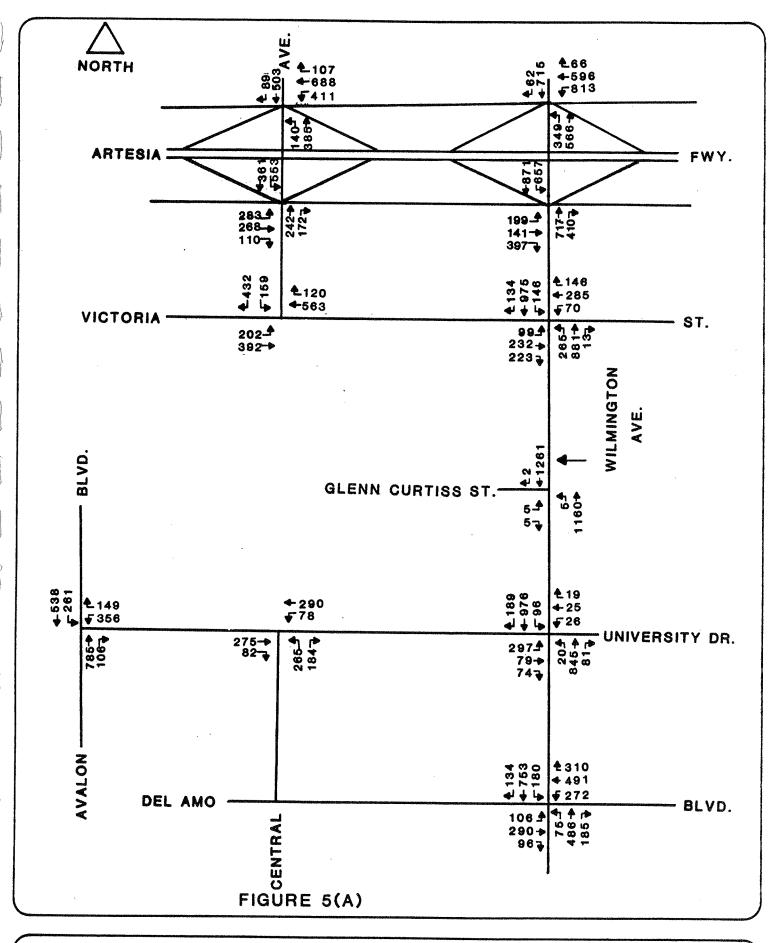
In order to approximate future (1991) traffic conditions in the project vicinity, an annual traffic growth rate of 2.0 percent was applied to the existing traffic volumes at the study intersections. 1991 was chosen as the planning horizon year because it is likely that all of the Specific Plan's 770,000 GSF of building area will be occupied at that time. Information supplied by the developer suggests that little, if any, of the remaining 260 acres of subsequent development will be occupied by 1991.

Based on the preceding assumptions, the AM and PM peak hour traffic volumes for the 1991 "no-project" condition are shown in Figure 5. The resulting peak hour traffic estimates form the basis for "benchmark" values for determining project traffic impacts on the street system.

Highway System Improvements

As development in the project vicinity continues, some highway system improvements will be needed. Victoria Street between Central Avenue and Wilmington Avenue should be completed to major highway specifications. Similarly, Wilmington Avenue to the north of the project should be improved to a full 84-foot width. Eventually, Central Avenue will be connected between University Drive and Victoria Street. All of these system improvements would substantially increase roadway capacity in the project vicinity.

The timing of the roadway improvements described above is closely tied to the on going development in the area, and should be phased in as needed. However, it has been assumed, for purposes of this study, that the study intersections will have capacity similar to today's street system.



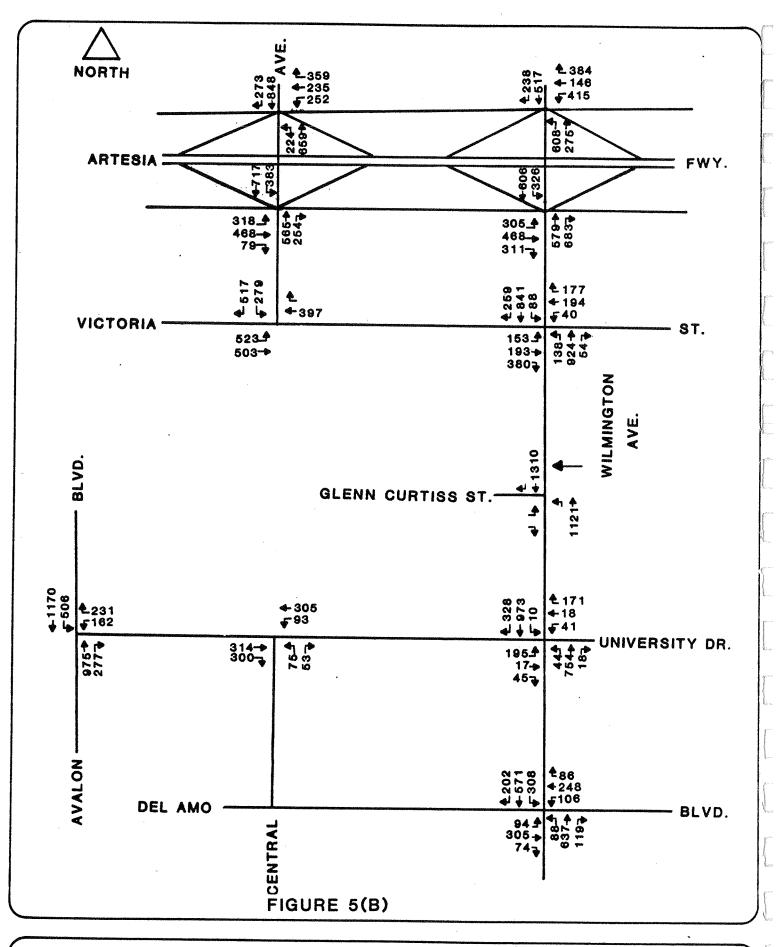
FUTURE (1991) TRAFFIC VOLUMES AM PEAK HOUR



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FUTURE (1991) TRAFFIC VOLUMES
PM PEAK HOUR



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Analysis of Future Traffic Conditions (With and Without Project)

The analysis of future conditions in the project area was performed using the same critical lane analysis procedures described previously in this report.

For the "no-project" condition, the future roadway system capacity was considered to be essentially the same as current roadway conditions.

Traffic volumes for the analysis were developed as follows:

- o As described earlier in the report, future-year benchmark traffic volumes for the no-project condition were determined by combining the area traffic growth with new traffic generated by related projects.
- o Traffic volumes generated by the project were then combined with these benchmark volumes to form the basis for the "project" traffic analysis and to determine traffic impacts directly attributable to the proposed development.

The results of the critical lane analysis of the future traffic conditions at the nine study intersections are summarized in Table 9. A review of the CMA values indicates that future (1991) traffic conditions at the major arterial intersections analyzed in this study are not expected to be critically impacted from new traffic generated by the proposed development. As this analysis indicates, the intersections of Wilmington Avenue and the Artesia Freeway ramps will continue to be the most critical intersections in this portion of the Carson-Wilmington area. The eastbound ramps at Wilmington Avenue are expected to operate at Level of Service E without project traffic and could operate at Level of Service F with project traffic. Wilmington

Avenue and Victoria Street will also be operating at Level of Service E in the future. The largest net impact (+0.17) due to project traffic will occur at the intersection of Wilmington Avenue and the eastbound Artesia Freeway ramps the PM peak hour.

Table 9
Future 1991 Critical Movement Analysis Summary
With and Without Project

	AM Pea				ak Hour		
	Without Project		With Proje		oject		
Intersection	CMA	LOS	CMA	LOS	IMPACT		
Central Avenue and Westbound Artesia Freeway Ramps	0.76	C	0.77	С	(+0.01)		
Central Avenue and Eastbound Artesia Freeway Ramps	0.71	C	0.71	С	(N.C.)		
Central Avenue and Victoria Street	0.80	С	0.80	С	(N.C.)		
Central Avenue and University Drive	0.32	A	0.33	A	(+0.01)		
Wilmington Avenue and Westbound Artesia Freeway Ramps	0.91	E	0.96	E	(+0.05)		
Wilmington Avenue and Eastbound Artesia Freeway Ramps	0.91	E	1.03	F	(+0.12)		
Wilmington Avenue and Victoria Street	0.76	С	0.91	E	(+0.15)		
Wilmington Avenue and University Drive	0.59	A	0.67	В	(+0.08)		
Wilmington Avenue and Del Amo Boulevard	0.58	A	0.65	В	(+0.07)		
Wilmington Avenue and Glenn Curtiss Street	0.43	A	0.61	В	(+0.18)		
Avalon Boulevard and University Drive	0.62	В	0.63	В	(+0.01)		

Table 9 (continued) Future 1991 Critical Movement Analysis Summary With and Without Project

PM Peak Hour With Project Without Project Intersection **CMA** LOS CMA LOS IMPACT Central Avenue and Westbound Artesia 0.71 . . C 0.75 С (+0.04)Freeway Ramps Central Avenue and Eastbound Artesia В 0.72 С (+0.03)0.69 Freeway Ramps Central Avenue and Victoria Street 0.96 E 0.97 (+0.01)0.31 (N.C.) Central Avenue and University Drive 0.31 Α Α Wilmington Avenue and Westbound 0.88 0.97 E (+0.09)Artesia Freeway Ramps Wilmington Avenue and Eastbound 0.94 F (+0.17)E 1.11 Artesia Freeway Ramps Wilmington Avenue and 0.62 В 0.75 С (+0.13)Victoria Street Wilmington Avenue and 0.63 B 0.69 В (+0.06)University Drive Wilmington Avenue and 0.59 0.62 (+0.03)Del Amo Boulevard Wilmington Avenue and 0.44 0.67 (+0.23)Glenn Curtiss Street Avalon Boulevard and 0.76 0.75 С С (+0.01)University Drive

MITIGATION MEASURES

It is recommend that the following measures be considered for implementation as part of the Dominguez Properties Specific Plan, as a means of reducing project related traffic impacts:

- o The intersection of Glenn Curtiss Street and Wilmington Avenue should be signalized concurrently with the completion and occupation of the first buildings of the planned development. Based on estimated project traffic, signal warrants at this intersection will be satisfied. (See Appendix A).
- o Glenn Curtiss Street should be designed and constructed to industrial collector street specifications. In general, this requires a roadway width of 64 feet in an 80-foot right-of-way. This measure will provide for the eventual traffic volumes at the site as development continues.
- o All interior streets should be designed to allow for future dedication to the City of Carson, if needed. This implies the reservation of a 64-foot minimum right-of-way and required setbacks along any such street.
- o The developer will initiate and complete a long-range traffic study and plan for the remaining 260-acre parcel. This plan will address the impacts of the cumulative use of the site. The substantial traffic volumes expected to be generated by the development of the total project indicate that a thorough access and circulation plan will be necessary.

- transportation Action Program. As part of the project, a transportation action program should be developed to encourage building employees to participate in ride-sharing and other traffic reduction measures. The program could consist of, but not be limited to, the following:
 - Make carpool information available to employees and encourage formation of carpools/vanpools. In addition, carpool matching facilities of Commuter/Computer, Inc., the regional carpool matching agency, should be utilized.
 - A preferential parking program for carpool employees should be implemented as a part of the program, thereby encouraging carpooling among employees.
 - Transit schedules, maps and other transit information should be made available to employees and others who would be travelling to and from the proposed project.
 - Flexible work schedules should be offered to employees at the project. Flexible scheduling allows employees to travel to and from the project during off-peak periods. The prospective tenant of the project currently encourages flex-time and offers it to their employees.

Implementation of the above measures will further reduce the projects traffic impacts.

Appendix A

Traffic Signal Warrants

Figure 9-1C

TRAFFIC SIGNAL WARRANTS

(Based on Estimated Average Daily Traffic - See Note 2)

URBANRURAL	Minimum Requirements EADT			
1. Minimum Vehicular				
Satisfied Not Satisfied	Vehicles per day on major street (total of both		E .	street approach
Number of lanes for moving traffic on each approach	approaches)		(one direction	n only)
Major Street Minor Street	Urban Rural		Urban	Rural
1	8,000	5,600	2,400	1,680
2 or more	9,600	6,720	2,400	1,680
or more	9,600	6,720	3, 200	2,240
2 or more	8,000	5,600	3,200	2,240
2. Interruption of Continuous Traffic	Vehicles	u dav an maiar	V-L: -!	l 1: 1
SatisfiedNot Satisfied	Vehicles per day on major street (total of both approaches)		Vehicles per day on higher— volume minor-street approach (one direction only)	
lumber of lanes for moving traffic on each approach				TO COMPANY OF THE STREET OF TH
Aajor Street Minor Street	Urban	Rural	Urban	Rural
1	12,000	8,400	1,200	850
or more	14,400	10,080	1,200	850
or more 2 or more	14,400	10.080	1,600	1,120
2 or more	12,000	8,400	1,600	1,120
. Combination				
Satisfied — Not Satisfied — —	2 Warrants		2 Warrants	
No see a				
No one warrant satisfied but following warrants fulfilled 80% or more				
IVIIITY OV/0 OF MOTE emanatemanian apparatura	1		I	

NOTE:

- 1. Left turn movements from the major street may be included with minor street volumes if a separate signal phase is to be provided for the left-turn movement.
- 2. To be used only for NEW INTERSECTIONS or other locations where actual traffic volumes cannot be counted.





Appendix B

Critical Movement Analysis (CMA)
Calculation Sheets

INTERSECTION: W/B ARTESIA FWY. RAMPS AND CENTRAL AVE. DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: EXISTING (1985)

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 372 0 127 0	INPUT \ THROUGH 623 0 349 456	VOLUMES RIGHT 97 O O 81	TOTAL 1092 0 476 537
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 2 0 1	NUMBER THROUGH 1 0 2 2	OF LANES RIGHT ONLY 1 O O 1	TOTAL 4 0 3 3

		ASSIGNED LAN	IE VOLUMES	
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	RIGHT ONLY
1-WESTBOUND	205	N/A	623	97
2-EASTBOUND	N/A	0	1 LANE	N/A
3-NORTHBOUND	127	N/A	175	N/A
4-SOUTHBOUND	N/A	228	228	81

EAST-WEST CRITICAL VOLUMES: 623 NORTH-SOUTH CRITICAL VOLUMES: 355

THE SUM OF CRITICAL VOLUMES: 978

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.686

INTERSECTION: W/B ARTESIA FWY. RAMPS AND CENTRAL AVE. DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR CASE: FUTURE (1991) WITHOUT PROJECT

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 411 0 140	THROUGH 688 0 385	OLUMES RIGHT 107 O O	TOTAL 1206 0 525
APPROACH	O LEFT ONLY	503 NUMBER : THROUGH	0F LANES	
1-WESTBOUND		1	RIGHT ONLY	TOTAL 4
2-EASTBOUND	O	0	Ō	ó
3-NORTHBOUND	1	يسمر مشع	O	3
4-SOUTHBOUND	0	2	1	
		ASSIGNED LA	NE VOLUMES	
APPROACH 1-WESTBOUND	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	RIGHT ONLY
2-EASTBOUND	226	N/A	688	107
3-NORTHBOUND	N/A 140	0	1 LANE	N/A
4-SOUTHBOUND	N/A	N/A 252	193	N/A
	147 17	شه است	252	89
EAST-WEST CRI				

NORTH-SOUTH CRITICAL VOLUMES: 392

THE SUM OF CRITICAL VOLUMES: 1080

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.758

INTERSECTION: W/B ARTESIA FWY. RAMPS AND CENTRAL AVE. DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: FUTURE	(1991)	WITH	PROJECT
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APPROACH	LEFT	THROUGH	OLUMES RIGHT	TOTAL
1-WESTBOUND	411	688	107	1206
2-EASTBOUND	O	0	O	Q
3-NORTHBOUND	150	385	0	535
4-SOUTHBOUND	٥	507	89	596
	No. 100 500 100 310 100 100 100 100 100 100 100 1	NUMBER	OF LANES	model storm names among accord septed deleted Ambala Combine Salacti (albana)
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	2	1	1	4
2-EASTBOUND	O	0	Q.	0
3-NORTHBOUND	1	2	0	-2
4-SOUTHBOUND	0	2	1	3
	nesse stelle water valen stelle taken taken katas states states and	ASSIGNED LA	NE VOLUMES	name these states stated from swins terms drops before some
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	RIGHT ONLY
1-WESTBOUND	226	N/A	488	107
2-EASTBOUND	N/A	0	1 LANE	N/A
3-NORTHBOUND	150	NZA	193	N/A
4-SOUTHBOUND	N/A	254	254	89
EAST-WEST CRI		6: 488		

THE SUM OF CRITICAL VOLUMES: 1092

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.766

INTERSECTION: W/B ARTESIA FWY. RAMPS AND CENTRAL AVE. DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: EXISTING (1985)

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 228 0 203 0	INPUT V THROUGH 213 0 597 768	OLUMES RIGHT 325 0 0 247	TOTAL 766 0 800 1015
		NUMBER	OF LANES	
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	2	1	1	4
2-EASTBOUND	Ö	<u>O</u>	0	O
3-NORTHBOUND 4-SOUTHBOUND	1	2	O	
4-900 LEGOND	, O	2	1	3
	***************************************	ASSIGNED LA	NE VOLUMES	tion when ever seem when more than seem appear when
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	
1-WESTBOUND	125	N/A	213	325
2-EASTBOUND	N/A	O	1 LANE	NZA
3-NORTHBOUND	203	N/A	299	NZA
4-SOUTHBOUND	N/A	384	384	247

EAST-WEST CRITICAL VOLUMES: 325 NORTH-SOUTH CRITICAL VOLUMES: 587

THE SUM OF CRITICAL VOLUMES: 912

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.640

INTERSECTION: W/B ARTESIA FWY. RAMPS AND CENTRAL AVE. DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITHOUT PROJECT

ICU VALUE: 0.707

APPROACH	LEFT	THROUGH	OLUMES RIGHT	TOTAL
1-WESTBOUND	252	235	359	846
2-EASTBOUND	Q	O	0	O
3-NORTHBOUND	224	659	0	883
4-SOUTHBOUND	0	848	273	1121
		NIMDED	OF LANES	
APPROACH	LEFT ONLY		RIGHT ONLY	
1-WESTBOUND	2	1		TOTAL
2-EASTBOUND	O O		1	4
3-NORTHBOUND	1	0	٥	<u> </u>
4-SOUTHBOUND	O	2	O .	
Though Lone+	Q	2	1	3
		ASSIGNED LA	NE VOLUMES	
APPROACH	LEFT ONLY			
1-WESTBOUND	139	N/A	235	359
2-EASTBOUND	N/A	0	1 LANE	N/A
3-NORTHBOUND	224	N/A	330	N/A
4-SOUTHBOUND	N/A	424	424	273
	*			
EAST-WEST CRI	TICAL VOLUMES:	χ Ξ Φ		
	RITICAL VOLUME			
THE SUM OF CR	ITICAL VOLUMES	1007		
NUMBER OF SIG	NAL PHASES: 3			

INTERSECTION: W/B ARTESIA FWY. RAMPS AND CENTRAL AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 252 0 292 0	INPUT THROUGH 235 0 663 848	VOLUMES RIGHT 359 0 0 273	TOTAL 846 0 955 1121
AFPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 2 0 1	NUMBER THROUGH 1 0 2 2	OF LANES	TOTAL 4 0 3 3
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 139 N/A 292 N/A	ASSIGNED L THRU & LEFT N/A O N/A 424	ANE VOLUMES THRU(& RIGHT) 235 1 LANE 332 424	RIGHT ONLY 359 N/A N/A 273

EAST-WEST CRITICAL VOLUMES: 359
NORTH-SOUTH CRITICAL VOLUMES: 716

THE SUM OF CRITICAL VOLUMES: 1075

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.754

INTERSECTION: E/B ARTESIA FWY. RAMPS AND CENTRAL AVE. DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: EXISTING (1985)

	91100 17100 01000 MIN 10100 MIN 10100 MIN 1	INFUT	VOLUMES	\$ 10,000 00000 bries 1,000 10011 00011 orang 20151 actual
APPROACH	LEFT	THROUGH	RIGHT	TOTAL
1-WESTBOUND	O	. O	0	Ö
2-EASTBOUND	257	243	100	400
3-NORTHBOUND	Ö	219	156	375
4-SOUTHBOUND	501	327	Q	828

NUMBER OF LANES	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
APPROACH LEFT ONLY THROUGH RIGHT ONLY	TOTAL
1-WESTBOUND O O	0
2-EASTBOUND 1 2 o	Š
3-NORTHBOUND 0 2 1	3
4-SOUTHBOUND 1 2	3

		ASSIGNED LAN	E VOLUMES	
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	
1-WESTBOUND	N/A	O	1 LANE	N/A
2-EASTBOUND	257	N/A	172	N/A
3-NORTHBOUND	N/A	110	110	156
4-SOUTHBOUND	501	N/A	164	N/A

EAST-WEST CRITICAL VOLUMES: 257 NORTH-SOUTH CRITICAL VOLUMES: 657

THE SUM OF CRITICAL VOLUMES: 914

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.641

INTERSECTION: E/B ARTESIA FWY. RAMPS AND CENTRAL AVE. DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: FUTURE (1991) WITHOUT PROJECT

APPROACH	LEFT	THROUGH	OLUMES	
1-WESTBOUND	Ö	O '	RIGHT	TOTAL
2-EASTBOUND	283	248	0	O
3-NORTHBOUND	Ü)		110	661
4-SOUTHBOUND	-	242	172	414
4-200 LUBUGIAD	553	361	, o	914
•		NUMBER I	TYT I ABITTO	•
APPROACH	LEFT ONLY	THROUGH	DF LANES	
1-WESTBOUND	O 014E 1		RIGHT ONLY	TOTAL
2-EASTBOUND	1	Ö	O	Ö
3-NORTHBOUND	O T	2	O ·	
4-SOUTHBOUND	-	2	1	3
42001 H000ND	1	2	O	3
		ASSIGNED LA	NE VOLUMES	
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	
1-WESTBOUND	NZA	Ö	1 LANE	N/A
2-EASTBOUND	283	N/A	189	N/A
3-NORTHBOUND	N/A	121	121	172
4-SOUTHBOUND	553	N/A	181	
	teen, you, ,om.	117 [7]	101	NZA
	Diseas coroni annos igripos cornes indepen agricos			
EAST-WEST CRI	TICAL VOLUMES	283		

EAST-WEST CRITICAL VOLUMES: 283
NORTH-SOUTH CRITICAL VOLUMES: 725

THE SUM OF CRITICAL VOLUMES: 1008

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.707

INTERSECTION: E/B ARTESIA FWY. RAMPS AND CENTRAL AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

	LEFT	THROUGH	RIGHT	TOTAL
1-WESTBOUND 2-EASTBOUND	O	0	<u></u>	O
3-NORTHBOUND	28 3 0	268 252	178	729
4-SOUTHBOUND	553	202 365	172	424
, coo mount	ᆔᆔ	ატე	O .	918
		NUMBER	OF LANES	
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	0	O	0	0
2-EASTBOUND	1	2	O	3
3-NORTHBOUND	O	2	1	3
4-SOUTHBOUND	1.	2	0	: <u></u> '
		ASSIGNED LA	NE VOLUMES	talla enson stata sacra saçon karas piras piero sacra sacra sacra
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	
1-WESTBOUND	N/A	O	1 LANE	N/A
2-EASTBOUND	283	N/A	223	N/A
3-NORTHBOUND	NZA	126	126	172
4-SOUTHBOUND	553	NZA	183	N/A
EAST-WEST CRI NORTH-SOUTH C				

THE SUM OF CRITICAL VOLUMES: 1008

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.707

INTERSECTION: E/B ARTESIA FWY. RAMPS AND CENTRAL AVE. DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: EXISTING (1985)

APPROACH	LEFT		OLUMES	
1-WESTBOUND	Ö	THROUGH	RIGHT	TOTAL
2-EASTBOUND	288	O 4734	<u></u>	0
3-NORTHBOUND	200 ()	424	72	784
4-SOUTHBOUND	347	512	230	742
	· 4+ /	649	O	996
	***************************************	NUMBER	DF LANES	more come other bridg dripp before people pades above badge come
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	O	O	o 1	0
2-EASTBOUND	1	2	0	
3-NORTHBOUND	O	2	1	3
4-SOUTHBOUND	1	2	0	3
		ASSIGNED LAN	NE VOLUMES	****** ***** ***** ***** ***** ***** ****
APPROACH	LEFT ONLY	THRU & LEFT		
1-WESTBOUND	N/A	0	1 LANE	N/A
2-EASTBOUND	288	N/A	248	NZA
3-NORTHBOUND	N/A	256	256	230
4-SOUTHBOUND	347	N/A	325	N/A
EAST-WEST CRI	TICAL VOLUMES:	288		
NORTH-COUTH C	RITICAL VOLUME	S: 603		

THE SUM OF CRITICAL VOLUMES: 891

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.625

INTERSECTION: E/B ARTESIA FWY. RAMPS AND CENTRAL AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITHOUT PROJECT

ICU VALUE: 0.690

APFROACH			DLUMES	
1-WESTBOUND	CET!	THROUGH	RIGHT	TOTAL
2-EASTBOUND	318	0	Q ————————————————————————————————————	0
3-NORTHBOUND		468	79	845
4-SOUTHBOUND	383	565	254	819
T OOD III OOD T	သထသ	717	O	1100
		k 11 1454 m. pm m		
APPENACH	LEFT ONLY		DF LANES	
1-WESTBOUND	O		RIGHT ONLY	
2-EASTBOUND	1	0	Ö	ੁ
3-NORTHBOUND	Ô	2 2	0	<u> </u>
4-SOUTHBOUND	1	<u>~</u> 2	1 O	3
, 00011100140	1	<u>~</u>	ξ_)	<u></u>
	***** ***** ***** ***** ***** ***** ****	ASSIGNED LAM	NE VOLUMES	***************************************
APPROACH	LEFT ONLY		THRU(& RIGHT)	
1-WESTBOUND	N/A	0		N/A
2-EASTBOUND	318	N/A	274	N/A
3-NORTHBOUND	N/A	283	283	254
4-SOUTHBOUND	383	NZA	357	NZA
EAST-WEST CRI	 TICAL YOLUMES:	318		
	RITICAL VOLUME			
THE SUM OF CR	ITICAL VOLUMES	3: 984		
NUMBER OF SIG	NAL PHASES: 3			

INTERSECTION: E/B ARTESIA FWY. RAMPS AND CENTRAL AVE. DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

		, , , , , , , , , , , , , , , , , , ,		
APPROACH		INFUI ↓ THROUGH	OLUMES RIGHT	TOTAL
1-WESTBOUND	Ö	0	Ö	1 CJ (1 HL.
2-EASTBOUND	318	468	69 69	875
3-NORTHBOUND	O	637	254	891
4-SOUTHBOUND	383	717	0	1100
		-		
	anne field irea comp party total data come about about veste total co	NUMBER	OF LANES	
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	O	O	O	O
2-EASTBOUND	1	2	O	-3
3-NORTHBOUND	O	2	1	
4-SOUTHBOUND	1	2	O	3 3
25 Jun., par., pari, pare, ps. 2445 5		ASSIGNED LA	NE VOLUMES	
APPROACH		THRU & LEFT	THRU(% RIGHT)	RIGHT ONLY
1-WESTBOUND	N/A	O	1 LANE	N/A
	318	N/A	279	N/A
3-NORTHBOUND	N/A	319	319	254
4-SOUTHROUND	383	N/A	359	N/A
EAST-WEST CRI	TICAL VOLUMES:	318		
	RITICAL VOLUMES			
THE SUM OF CR	ITICAL VOLUMES:	1020		

ICU VALUE: 0.715

INTERSECTION CAP. LEVEL OF SERVICE:

-

NUMBER OF SIGNAL PHASES: 3

INTERSECTION: VICTORIA ST. AND CENTRAL AVE.

INTERSECTION CAP. LEVEL OF SERVICE: C

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: EXISTING (1985)

Ammmoamu	ADDES AGU				
APPROACH	LEFT	THROUGH	RIGHT	· · · · · · · · · · · · · · · · ·	
1-WESTBOUND	()	510	109	619	
2-EASTBOUND	183	353	0	536	
3-NORTHBOUND	*	O	O	O	
4-SOUTHBOUND	144	0	391	535	
		NUMBER	OF LANES		
APPROACH			RIGHT ONLY	TOTAL	
1-WESTBOUND	Q	1	1	23 alii	
2-EASTBOUND	1	1	0	2	
3-NORTHBOUND	Q	0	Ō	Ō	
4-SOUTHBOUND	1	O	1	2	
•	***************************************	ACCIONED IA	NE VOLUMES		
APPROACH		THRU & LEFT			
1-WESTROUND			1 LANE		
2-EASTBOUND	183	N/A	i LHME SSS	109	
3-NORTHBOUND	N/A	0		N/A	
4-SOUTHBOUND	144	N/A	1 LANE O	N/A	
, and the alite	# -11	147 H	Q	391	
FAST-WEST CET	TICAL VOLUMES:	4 (DT			
	RITICAL VOLUME				
(4m/1/11 0m0111 0	17 T T T T T T T T T T T T T T T T T T T	10: .71			
THE SUM OF CR	ITICAL VOLUMES	3: 1084			
NUMBER OF SIG	NAL PHASES: 2				
ICU VALUE: O.	723				

INTERSECTION: VICTORIA ST. AND CENTRAL AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: FUTURE (1991) WITHOUT PROJECT

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND	LEFT 0 202 0	THROUGH 563 390 0	OLUMES RIGHT 120 O	TOTAL 683 592 0	
4-SOUTHBOUND	159	0	432	591	
APPROACH	NUMBER OF LANES				
1-WESTBOUND	LEFT ONLY O	THROUGH	RIGHT ONLY	TOTAL 2	
2-EASTBOUND	1	1	O	2	
3-NORTHBOUND	0	O	Ö	Ō	
4-SOUTHBOUND	1	0	. 1	2	
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY N/A 202 N/A 159	ASSIGNED LA THRU & LEFT 563 N/A O N/A	NE VOLUMES THRU(& RIGHT) 1 LANE 390 1 LANE 0	RIGHT ONLY 120 N/A N/A 432	

EAST-WEST CRITICAL VOLUMES: 765 NORTH-SOUTH CRITICAL VOLUMES: 432

THE SUM OF CRITICAL VOLUMES: 1197

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.798

INTERSECTION: VICTORIA ST. AND CENTRAL AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

		97 K. 1977 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	"N. Likap" (")	
APPROACH	LEFT	THROUGH	OLUMES RIGHT	TOTAL
1-WESTBOUND	Ö	563	130	
2-EASTBOUND	202	413	0	693 4.5
3-NORTHBOUND	()	0	o o	615
4-SOUTHBOUND	23 Î	Ö	432	0 -
The territory of the territory of the	.ii) d.	Ų.	4.54	6 63
		NIMBER (OF LANES	
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	() »	1	1	2
2-EASTBOUND	1	1	Ō	
3-NORTHBOUND	0	ō	Õ	Ó
4-SOUTHBOUND	1	Ö	1	2
		ASSIGNED LAM	NE VOLUMES	
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	RIGHT ONLY
1-WESTBOUND	N/A	563	1 LANE	130
2-EASTBOUND	202	N/A	413	N/A
3-NORTHBOUND	N/A	0	1 LANE	NZA
4-SOUTHBOUND	231	N/A	0	432
THE STATE SAME AND SAME SAME SAME SAME SAME AND SAME AND SAME SAME SAME				
EAST-WEST CRI	TICAL VOLUMES:	765		
	RITICAL VOLUME			
THE SUM OF CR	ITICAL VOLUMES	3: 1197		

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.798

INTERSECTION: VICTORIA ST. AND CENTRAL AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: EXISTING (1985)

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 0 474 0 253	INPUT V THROUGH 360 456 O	OLUMES RIGHT 268 O O 468	TOTAL 628 930 0 721
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 0 1 0 1	NUMBER THROUGH 1 1 0	OF LANES RIGHT ONLY 1 O O 1	TOTAL , 2 2 0 2
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY N/A 474 N/A 253	ASSIGNED LA THRU & LEFT 360 N/A O N/A	NE VOLUMES THRU(& RIGHT) 1 LANE 456 1 LANE 0	RIGHT ONLY 268 N/A N/A 468

EAST-WEST CRITICAL VOLUMES: 834 NORTH-SOUTH CRITICAL VOLUMES: 468

THE SUM OF CRITICAL VOLUMES: 1302

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.868

INTERSECTION: VICTORIA ST. AND CENTRAL AVE.

INTERSECTION CAP. LEVEL OF SERVICE: E

DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITHOUT PROJECT

ICU VALUE: 0.958

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 0 523	INPUT V THROUGH 397 503 0 0	OLUMES RIGHT 270 O O 517	TOTAL 667 1026 0 796
		NUMBER	OF LANES	and bond propy dated comes years doors yings used asked seem
APPROACH	LEFT ONLY	THROUGH		TOTAL
1-WESTBOUND	0	1	1	2 mg 1 7 1 mm
2-EASTBOUND	1	1.	Ō	<u> </u>
3-NORTHBOUND	O	O	Ö	Ō
4-SOUTHBOUND	1	O	1	2
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY N/A 523 N/A 279	ASSIGNED LA THRU & LEFT 397 N/A O N/A		
EAST-WEST CRI NORTH-SOUTH C				
THE SUM OF CR	ITICAL VOLUME	S: 1437		
NUMBER OF SIG	NAL PHASES: 2			
#				

INTERSECTION: VICTORIA ST. AND CENTRAL AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

APPROACH	LEFT	INFUT V	RIGHT	TOTAL
1-WESTBOUND	O	420	72	492
2-EASTBOUND	523	503	0	1025
3-NORTHBOUND	()	Ò	()	0
4-SOUTHBOUND	289	0	517	806
		NUMBER	OF LANES	Mark made raise blass take down down most dues while case
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	0	i	1	
2-EASTBOUND	1	1.	O	2
3-NORTHBOUND	O	O	O	Ō
4-SOUTHBOUND	1	O	1	2
	······································	ASSIGNED LA	NE VOLUMES	thing white from these there were state though about these
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	RIGHT ONLY
1-WESTBOUND	N/A	420	1 LANE	72
2-EASTBOUND	523	N/A	503	N/A
3-NORTHBOUND	N/A	O	1 LANE	N/A
4-SOUTHBOUND	289	N/A	0	517

EAST-WEST CRITICAL VOLUMES: 943 NORTH-SOUTH CRITICAL VOLUMES: 517

THE SUM OF CRITICAL VOLUMES: 1460

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.973

INTERSECTION CAP. LEVEL OF SERVICE: E

INTERSECTION: UNIVERSITY DR. AND CENTRAL AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: EXISTING (1985)

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 71 0 240 0	INPUT V THROUGH 263 249 0 0	DLUMES RIGHT O 74 167 O	TOTAL 334 323 407 0
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 1 O 1 O	NUMBER (THROUGH 2 2 0 0	DF LANES RIGHT ONLY O 1 1 0	TOTAL 3 3 2 0
APPROACH . 1-WESTBOUND	LEFT ONLY	ASSIGNED LAI THRU & LEFT N/A	NE VOLUMES THRU(& RIGHT) 132	RIGHT ONLY N/A

1-WESTBOUND	71	N/A	132	N/A
2-EASTBOUND	NZA	125	125	74
3-NORTHBOUND	240	N/A	0	167
4-SOUTHBOUND	N/A	O.	1 LANE	NZA

EAST-WEST CRITICAL VOLUMES: 196
NORTH-SOUTH CRITICAL VOLUMES: 240

THE SUM OF CRITICAL VOLUMES: 436

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.290

INTERSECTION CAP. LEVEL OF SERVICE: A

NAME AND PARTY AND PARTY.

INTERSECTION: UNIVERSITY DR. AND CENTRAL AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: FUTURE (1991) WITHOUT PROJECT

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 78 0 265 0	INPUT V THROUGH 290 275 0 0	OLUMES RIGHT 0 82 184 0	TOTAL 368 357 449 0
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 1 0 1 0	NUMBER THROUGH 2 2 0 0	OF LANES————————————————————————————————————	TOTAL 3 3 2 0
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 78 N/A 265 N/A	ASSIGNED LA THRU & LEFT N/A 138 N/A O	NE VOLUMES THRU(& RIGHT) 145 138 O 1 LANE	RIGHT ONLY N/A 82 184 N/A

EAST-WEST CRITICAL VOLUMES: 216
NORTH-SOUTH CRITICAL VOLUMES: 265

THE SUM OF CRITICAL VOLUMES: 481

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.320

INTERSECTION CAP. LEVEL OF SERVICE: A

INTERSECTION: UNIVERSITY DR. AND CENTRAL AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

		وروا و الموادي و الموادي	- 1 1 1 1 1 mm mm	
APPROACH		INPUT VO		
1-WESTBOUND	LEFT 79	THROUGH	RIGHT	TOTAL
2-EASTBOUND	/ 7 O	298	0	377
3-NORTHBOUND	•	309	82	391
4-SOUTHBOUND		O O	187	452
" OUD TILLUTIAD	0	Ü	O .	O
O momentum o en la			OF LANES	them tares rates at the states depart to the opposit coding which about
APPROACH		THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND 2-EASTBOUND	1	2	Q	3
3-NORTHBOUND	0	2	1	3
4-SOUTHBOUND	1	. 0	1	2
UMODAN I OCC+	O	0	0	O
	**** **** **** **** **** **** **** **** ****		NE VOLUMES	
APPROACH	· · · · · · · · · · · · · · · · · · ·	THRU & LEFT		RIGHT ONLY
1-WESTBOUND	79	N/A	149	N/A
2-EASTBOUND	N/A	155	155	82
3-NORTHBOUND	265	NZA	Ö	187
4-SOUTHBOUND	N/A	Ö	1 LANE	N/A
	TICAL VOLUMES			
	RITICAL VOLUM			
THE SUM OF CR	CITICAL VOLUME	S: 499		
NUMBER OF STE	MAI BUAGES, S			

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.332

INTERSECTION CAP. LEVEL OF SERVICE: A

INTERSECTION: UNIVERSITY DR. AND CENTRAL AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: EXISTING (1985)

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND		INPUT V THROUGH 276 284 0 0	OLUMES RIGHT O 272 48 O	TOTAL 360 556 116
AFPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 1 0 1 0	NUMBER (THROUGH 2 2 0 0	OF LANES RIGHT ONLY 0 1 1 0	TOTAL 3 3 2 2
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 84 N/A 68 N/A	ASSIGNED LAI THRU & LEFT N/A 142 N/A O	NE VOLUMES THRU(& RIGHT) 138 142 0 1 LANE	RIGHT ONLY N/A 272 48 N/A
NORTH-SOUTH C	 TICAL VOLUMES: RITICAL VOLUME ITICAL VOLUMES	S: 68		

ICU VALUE: 0.283

INTERSECTION CAP. LEVEL OF SERVICE: A

plant report totall details across course course frame course detail details colore co

NUMBER OF SIGNAL PHASES: 2

INTERSECTION: UNIVERSITY DR. AND CENTRAL AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITHOUT PROJECT

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 93 0 75 0	INPUT V THROUGH 305 314 0 0	OLUMES RIGHT O 300 53 O	TOTAL 398 614 128 0
AFPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 1 0 1 0	NUMBER THROUGH 2 2 0 0	OF LANES————— RIGHT ONLY O 1 1	TOTAL 3 3 2 0
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 93 N/A 75 N/A	ASSIGNED LA THRU & LEFT N/A 157 N/A O	NE VOLUMES THRU(& RIGHT) 153 157 O 1 LANE	

EAST-WEST CRITICAL VOLUMES: 393 NORTH-SOUTH CRITICAL VOLUMES: 75

THE SUM OF CRITICAL VOLUMES: 468

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.312

INTERSECTION CAP. LEVEL OF SERVICE : A

INTERSECTION: UNIVERSITY DR. AND CENTRAL AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

		T 5: 11" 1 3 "p" 5 1.	P ^m S. I. Had p ^m p ^m	
APPROACH	LEFT	THROUGH	OLUMES RIGHT	TOTAL
1-WESTBOUND	96	339	0	435
2-EASTBOUND	O	314	300	614
3-NORTHBOUND	75	O	54	129
4-SOUTHBOUND	0	0	Ö	ó
	Ment made area made made made and outside only to the print	NUMBER	OF LANES	Providence backs stated victor \$2000 Market Proper Moore \$2000 Allers Advances
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	1	2	0	3
2-EASTBOUND	0	2	1	3
3-NORTHBOUND	1	0	1	
4-SOUTHBOUND	O	0	Ō	ō
			NE VOLUMES	
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	RIGHT ONLY
1-WESTBOUND	96	N/A	170	N/A
	N/A	157	157	300
3-NORTHBOUND	75	N/A	O	54
4-SOUTHBOUND	N/A	0	1 LANE	N/A

EAST-WEST CRI NORTH-SOUTH C				
THE SUM OF CR	ITICAL VOLUMES	3: 471		

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.314

INTERSECTION CAP. LEVEL OF SERVICE :

INTERSECTION: W/B ARTESIA FWY. RAMPS AND WILMINGTON AVE. DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: EXISTING (1986)

ICU VALUE: 0.828

INTERSECTION CAP. LEVEL OF SERVICE: D

		INPUT V	OLUMES	
APPROACH	LEFT	THROUGH	RIGHT	TOTAL
1-WESTBOUND	734	540	6 0	1336
2-EASTBOUND	O	O	0	O
3-NORTHBOUND	316	513	0	829
4-SOUTHBOUND	O	648	5 €	704
		NUMBER (DF LANES	
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	رسور مند	1	1.	4
2-EASTBOUND	Ö	O	O	O
3-NORTHBOUND	1	2	Ö	3
4-SOUTHBOUND	0	2	1 .	3
		ASSIGNED LA	VE VOLUMES	Mann other botto redat data; above talge gales come games
APPROACH	LEFT ONLY	THRU & LEFT	THRU(% RIGHT)	RIGHT ONLY
1-WESTBOUND	405	N/A	540	దం
2-EASTBOUND	N/A	0	1 LANE	N/A
3-NORTHBOUND	316	N/A	257	N/A
4-SOUTHBOUND	N/A	324	324	56
				•
	TICAL VOLUMES			
NORTH-SOUTH C	RITICAL VOLUM	ES: 640		
THE SUM OF CR	ITICAL VOLUME	5: 1180		
NUMBER OF SIG	NAL PHASES: 3			

INTERSECTION: W/B ARTESIA FWY. RAMPS AND WILMINGTON AVE. DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR CASE: FUTURE (1991) WITHOUT PROJECT

	\$1000 000°4 80'000 \$1000 00000 mice toppe comes named manual	TNEUTT U	OLUMES	
APPROACH	LEFT		RIGHT	
1-WESTBOUND	813	596	66	1475
2-EASTBOUND	O	Q	0	0
3-NORTHBOUND	349	566	Ō	915
4-SOUTHBOUND	0	715	62	777
		NUMBER	OF LANES	
APPROACH	LEFT ONLY		RIGHT ONLY	
1-WESTBOUND	2	1	1	4
2-EASTBOUND	Ö	ō	Ô	Ö
3-NORTHBOUND	1		Ŏ	ž
4-SOUTHBOUND	Ö	2	1	
	Trees notes cand stock direct county risks direct prints dates from count or	ASSIGNED LA	NE VOLUMES	
APPROACH	LEFT ONLY		THRU(& RIGHT)	
1-WESTBOUND		N/A	596	66
2-EASTBOUND				00 N/A
3-NORTHBOUND		N/A	283	N/A
4-SOUTHBOUND	N/A	358	358	62
			Total Total	(m) .f.,
THESE WINES AND WHILE AND ADDRESS AND ADDRESS ASSESS ASSESS AND ADDRESS AND AD	from Marie Divin State Monte house same			
	TICAL VOLUMES:			
NORTH-SOUTH C	RITICAL VOLUME	IS: 707		
THE SUM OF CR	ITICAL VOLUMES	3: 1303		
NUMBER OF SIG	NAL PHASES: 3			

ICU VALUE: 0.914

INTERSECTION CAP. LEVEL OF SERVICE : E

INTERSECTION: W/B ARTESIA FWY. RAMPS AND WILMINGTON AVE. DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

APPROACH	LEFT	INPUT V(THROUGH	DLUMES RIGHT	TOTAL
1-WESTBOUND	1113	596	66	1775
2-EASTBOUND	O	0	O O	1770
3-NORTHBOUND	388	57	Ô	445
4-SOUTHBOUND	O	729	62	791
	#407 1000 data and and one and and and and and and and and	NIMBEE (OF LANES	
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	2	1	1	4
2-EASTBOUND	0	ō	Ō	Ó
3-NORTHBOUND	1		Ô	3
4-SOUTHBOUND	0	2	1	
	these areas where about those more never when drive order dyna diplot topic,	ASSIGNED LA	NE VOLUMES	ander come takke open ander wood bluer width voken jumps
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	RIGHT ONLY
1-WESTBOUND	612	N/A	596	66
2-EASTBOUND	N/A	O.	1 LANE	N/A
3-NORTHBOUND	388	N/A	29	NZA
4-SOUTHBOUND	N/A	365	345	62
EAST-WEST CRI				
NORTH-SOUTH CF	RITICAL VOLUME	ES: 753		

THE SUM OF CRITICAL VOLUMES: 1365

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.958

INTERSECTION CAP. LEVEL OF SERVICE: E

INTERSECTION: W/B ARTESIA FWY. RAMPS AND WILMINGTON AVE. DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: EXISTING (1985)

		T b tem, 1 1 1 1	777.1 . 1.11.4 PPF 679	
APPROACH	LEFT	INPUT V THROUGH	OLUMES RIGHT	TOTAL
1-WESTBOUND	376	132	348	856
2-EASTBOUND	O	Ó	Ō	0
3-NORTHBOUND	551	249	0	800
4-SOUTHBOUND	O	468	216	684
		NIMBER	OF LANES	
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	2	1	1	4
2-EASTBOUND	0	0	Ō	Ó
3-NORTHBOUND	1	2	Ö -	
4-SOUTHBOUND	O	2	1	
		ASSIGNED LA	NE VOLUMES	
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	RIGHT ON V
1-WESTBOUND	207	N/A	132	348
2-EASTBOUND	N/A	O.	1 LANE	N/A
3-NORTHBOUND	551	N/A	125	N/A
4-SOUTHBOUND	N/A	234	234	216
**** All the live was done one case and year the case was				
EAST-WEST ORT	TICAL VOLUMES:	348		
	RITICAL VOLUME			•
_		The state of the s		

THE SUM OF CRITICAL VOLUMES: 1133

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.795

INTERSECTION CAP. LEVEL OF SERVICE :

INTERSECTION: W/B ARTESIA FWY. RAMPS AND WILMINGTON AVE. DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITHOUT PROJECT

ICU VALUE: 0.878

INTERSECTION CAP. LEVEL OF SERVICE: D

APPROACH	LEFT	INPUT VI THROUGH	DLUMES RIGHT	
1-WESTBOUND	415	146	384	945
2-EASTBOUND	0	Ö	0	7~U
3-NORTHBOUND	608	275	Ö	883
4-SOUTHBOUND	Ō	517	2 38	755
		<i>(</i>	Shape ".u." "Luid	<i>,</i>
		NUMBER (OF LANES	Direct about these there were these these about these serves there have
APPROACH			RIGHT ONLY	TOTAL
1-WESTBOUND	2	1	1	4
2-EASTBOUND	Q	Ō	Ō	ó
3-NORTHBOUND		Ž	Ō	3
4-SOUTHBOUND	O	2	1	<u></u>
		ASSTANTD LA	NE VOLUMES	
APPROACH			THRU(% RIGHT)	
1-WESTBOUND	228	NIZA	146	
2-EASTBOUND		Ö	1 LANE	384
3-NORTHBOUND		N/A	138	NZA
4-SOUTHBOUND	N/A	259	259	N/A
the state state of the Later State State 5 of Aug.	147 14	7 سند شد	al ul 7	218
THE PART ARENO WHILE SINGS COME COME SHOULD SHOUL SHOULD WANT WANT GOOD GOOD	STABLE STATES STATES STATES OF CASE ARTISTS SPINIST			
EAST-WEST CRI	TICAL VOLUMES:	384		
NORTH-SOUTH C	RITICAL VOLUME	S: 867		
THE SUM OF CR	ITICAL VOLUMES	1251		
NUMBER OF SIG	NAL PHASES: 3			

INTERSECTION: W/B ARTESIA FWY. RAMPS AND WILMINGTON AVE. DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

	LEFT	THROUGH	RIGHT	TOTAL
1-WESTBOUND	490	146	384	1020
2-EASTBOUND	O	Ō	Ö	10±0 0
3-NORTHBOUND	737	289	ō	1026
4-SOUTHBOUND	0	527	238	765
	**************************************	NIMEER	OF LANES	
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	2	1	1	4
2-EASTBOUND	Ö	Ō	Ō	т , О
3-NORTHBOUND	1	Ž	ŏ	3
4-SOUTHBOUND	Ō	2	1	3
		ASSIGNED LA	NE VOLUMES	
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	
1-WESTBOUND	270	N/A	146	384
2-EASTBOUND	N/A	0	1 LANE	N/A
3-NORTHBOUND	737	N/A	145	N/A
4-SOUTHBOUND	N/A	264	264	238

EAST-WEST CRITICAL VOLUMES: 384
NORTH-SOUTH CRITICAL VOLUMES: 1001

THE SUM OF CRITICAL VOLUMES: 1385

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.972

INTERSECTION CAP. LEVEL OF SERVICE : E

INTERSECTION: E/B ARTESIA FWY. RAMPS AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: EXISTING (1985)

		INPUT V	OLUMES	***************************************
APPROACH	LEFT	THROUGH	RIGHT	TOTAL
1-WESTBOUND	O	O	0	O
2-EASTBOUND	180	128	360	668
3-NORTHBOUND	O	649	371	1020
4-SOUTHBOUND	595	789	0	1384
	**** **** **** **** **** **** **** ****	NIMBEE	OF LANES	
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	0	0	0	()
2-EASTBOUND	2	1	i	4
3-NORTHBOUND	ō	eriy din	1	
4-SOUTHBOUND	1	. 2	ō	3
		ASSIGNED LA	NE VOLUMES	
APPROACH	LEFT ONLY	THRU & LEFT		
1-WESTBOUND	N/A	Ö	1 LANE	N/A
2-EASTBOUND	99	N/A	128	360
3-NORTHBOUND	NZA	325	325	371
4-SOUTHBOUND	595	N/A	395	N/A
FAST_MEST COT	 TICAL VOLUMES	TE COS		
	RITICAL VOLUMES	·		

THE SUM OF CRITICAL VOLUMES: 1326

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.931

INTERSECTION CAP. LEVEL OF SERVICE: E

INTERSECTION: E/B ARTESIA FWY. RAMPS AND WILMINGTON AVE. DATE: 05-09-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: FUTURE (1991) WITHOUT PROJECT

	enema quadro consel paccas patricos cudada del maio aprilado paccas produc	INPUT V	OLUMES	nonce pages at the makes reache as the brian pages.
APPROACH	LEFT	THROUGH	RIGHT	TOTAL
1-MESTROUND	Q	O	O	Ö
2-EASTBOUND	199	141	397	7 37
3-NORTHBOUND	Q	717	410	1127
4-SOUTHBOUND	65 7	871	O	1528
	week things cames about these shade when week these cames	NUMBER	OF LANES	
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	O	Ö	0	. 0
2-EASTBOUND	2	1	1	4
3-NORTHBOUND	O.	<u></u>	1	ż
4-SOUTHBOUND	1	2	Ö	<u> </u>
	The state that the state that the base has been about the	ASSIGNED LA	NE VOLLMES	***************************************
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	RIGHT ONLY
1-WESTBOUND	N/A	O	1 LANE	N/A
2-EASTBOUND	109	NZA	141	397
3-NORTHBOUND	N/A	359	359	410
4-SOUTHBOUND	657	NZA	436	N/A

EAST-WEST CRITICAL VOLUMES: 318
NORTH-SOUTH CRITICAL VOLUMES: 985

THE SUM OF CRITICAL VOLUMES: 1303

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.914

INTERSECTION CAP. LEVEL OF SERVICE: E

INTERSECTION: E/B ARTESIA FWY. RAMPS AND WILMINGTON AVE. DATE: 05-09-1986 INITIALS: RRB FERIOD: AM PEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

	there there takes detail these years from about takes about about and	INPUT V	OLUMES			
APPROACH	g proce years sages			TOTAL		
1-WESTBOUND	0 199	O	0	()		
2-EASTBOUND	199	141	524	0 84 4		
Janes Contract of the State of Proceedings of States.	· ·	/ 🗅 🗅	485 O	1251		
4-SOUTHBOUND	6 57	1185	O	1842		
	***************************************	NUMBER	OF LANES	THE STATE SAME SAME SAME STATE SAME MADE SAME MADE SAME SAME		
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL		
1-WESTBOUND	0 2	O	Ö	O		
2-EASTBOUND	2	1	1	4		
3-NORTHBOUND	O . 1	2	1	3		
4-SOUTHBOUND	1	2	O	3		
APPROACH	LEFT ONLY N/A 109 N/A	THRU & LEFT	NE VOLUMES THRU(& RIGHT) 1 LANE 141 383 593	RIGHT ONLY N/A 526 485		
	 TICAL VOLUMES: RITICAL VOLUMES					
THE SUM OF CR	ITICAL VOLUMES:	1466				
NUMBER OF SIGNAL PHASES: 3						
ICU VALUE: 1.029						
INTERSECTION CAP. LEVEL OF SERVICE: F						

INTERSECTION: E/B ARTESIA FWY. RAMPS AND WILMINGTON AVE. DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: EXISTING (1985)

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 0 276 0 295	THROUGH 0 424 524 549	OLUMES RIGHT O 282 619 O	TOTAL 0 782 1143 844
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY O 2 O 1	THROUGH O 1 2	DF LANES	TOTAL 0 4 3 3
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY N/A 152 N/A 295	ASSIGNED LAI THRU & LEFT O N/A 262 N/A	NE VOLUMES THRU(& RIGHT) 1 LANE 424 262 275	

NORTH-SOUTH CRITICAL VOLUMES: 914

THE SUM OF CRITICAL VOLUMES: 1338

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.939

INTERSECTION CAP. LEVEL OF SERVICE: E

INTERSECTION: E/B ARTESIA FWY. RAMPS AND WILMINGTON AVE. DATE: 05-09-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITHOUT PROJECT

		90 h 1800, 1 1 1000 1 1 1		
APPROACH	LEFT	THROUGH	DLUMES RIGHT	TOTAL
1-WESTBOUND	O	(Ĵ)	O	O
2-EASTBOUND	305	448	311	1084
3-NORTHBOUND	Ō	579	683	1252
4-SOUTHBOUND	326	606	0	932
	***************************************	NUMBER	OF LANES	MIT PROD NOM STAND SATAL MAKE THESE SHALL WASHE SHOW MADE
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	O	Ö	0	0
2-EASTBOUND	2	1	1	4
3-NORTHBOUND	0	2	1	3
4-SOUTHBOUND	1	2	O	3
		ASSIGNED LA	NE VOLUMES	
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	RIGHT ONLY
1-WESTBOUND	N/A	O	1 LANE	N/A
2-EASTBOUND	168	N/A	468	311
3-NORTHBOUND	N/A	290	290	683
4-SOUTHBOUND	326	N/A	303	N/A

EAST-WEST CRITICAL VOLUMES: 468
NORTH-SOUTH CRITICAL VOLUMES: 872

THE SUM OF CRITICAL VOLUMES: 1340

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.940

INTERSECTION CAP. LEVEL OF SERVICE: E

INTERSECTION: E/B ARTESIA FWY. RAMPS AND WILMINGTON AVE. DATE: 05-09-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

		T SECOLOTICAL	["]	
APPROACH	LEFT	THROUGH	DLUMES RIGHT	TOTAL
1-WESTBOUND	0	(_)	0	Ö
2-EASTBOUND	305	448	350	1123
3-NORTHBOUND	O	722	983	1705
4-SOUTHBOUND	326	591	0	1017
	most many jets once once once and their case was their	NIMBER I	DF LANES	
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTEQUND	O	0	O O	Ü
2-EASTBOUND	27	1	i	4
3-NORTHBOUND	0	2	1.	
4-SOUTHBOUND	1	$\bar{2}$	Ö	<u></u> 3
		-		9
G. ST. Pr. Art. Art. Art. Art. Art. Art. Art. Ar			VE VOLUMES	
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	RIGHT ONLY
1-WESTBOUND	NZA	0	1 LANE	N/A
2-EASTBOUND	1 68	N/A	468	350
3-NORTHBOUND	N/A	361	361	983
4-SOUTHBOUND	326	N/A	346	N/A
EAST-WEST CRI	TICAL VOLUMES	: 468	·	
NORTH-SOUTH C				

THE SUM OF CRITICAL VOLUMES: 1580

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 1.109

INTERSECTION CAP. LEVEL OF SERVICE: F

INTERSECTION: VICTORIA ST. AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: EXISTING (1985)

		TNEIT V	DLUMES	eller Blev seiste serve flever taken stocka happa
APPROACH	LEFT	THROUGH	RIGHT	TOTAL
1-WESTBOUND	4 3	258	132	453
2-EASTBOUND	90	210	202	502
3-NORTHBOUND	240	798	12	1050
4-SOUTHBOUND	132	883	121	1136
		NUMBER (DF LANES	name takan inkan inkan antah kalap masa sama sama sama sama
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	1	1.	1	3
2-EASTBOUND	1	1	1	Š
3-NORTHBOUND	1	7-7 22	1	4
4-SOUTHBOUND	1	22	1	4
	***************************************	ASSIGNED LA	NE VOLUMES	
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	
1-WESTBOUND	63	N/A	258	132
2-EASTBOUND	90	N/A	210	202
3-NORTHBOUND	240	N/A	399	1.2
4-SOUTHBOUND	132	N/A	442	121
EAST-WEST CRI	 TICAL VOLUMES	: 348		
	RITICAL VOLUM			

THE SUM OF CRITICAL VOLUMES: 1030

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.686

INTERSECTION CAP. LEVEL OF SERVICE: B

INTERSECTION: VICTORIA ST. AND WILMINGTON AVE.

DATE: 05-09-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: FUTURE (1991) WITHOUT PROJECT

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 70 99 265 146	INPUT V THROUGH 285 232 881 975	DLUMES RIGHT 146 223 13 146	TOTAL 501 554 1159 1267
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 1 1 1 1	NUMBER (THROUGH 1 1 2 2	OF LANES RIGHT ONLY 1 1 1 1	TOTAL 3 3 4 4
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND		ASSIGNED LAI THRU & LEFT N/A N/A N/A N/A	NE VOLUMES THRU(& RIGHT) 285 232 441 488	

EAST-WEST CRITICAL VOLUMES: 384
NORTH-SOUTH CRITICAL VOLUMES: 753

THE SUM OF CRITICAL VOLUMES: 1137

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.758

INTERSECTION CAP. LEVEL OF SERVICE: C

INTERSECTION: VICTORIA ST. AND WILMINGTON AVE.

INTERSECTION CAP. LEVEL OF SERVICE: E

THE CAME AREA DATE TO THE THREE STATE STATE STATE STATE AREA AREA FROM FROM FROM FROM STATE THE AREA

DATE: 05-09-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

APPROACH	LEFT	INPUT V(THROUGH	OLUMES RIGHT	TOTAL
1-WESTBOUND	70	285	146	501
2-EASTBOUND	99	المال ال المال المال ال	318	649
3-NORTHBOUND	275	1005	13	1293
4-SOUTHBOUND	146	1418	134	1698
	order physic tilnio bildin skidd sekte bangi panya pinap nobba sayda	NUMBER (OF LANES	*** *** *** *** *** *** *** *** *** ***
APPROACH	LEFT ONLY	THROUGH		TOTAL
1-WESTBOUND	1	1	1	<u> </u>
2-EASTBOUND	1	1	1	Z.
3-NORTHBOUND	1 1	2	1	4
4-SOUTHBOUND	1	2	1.	4
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND			NE VOLUMES THRU(& RIGHT) 285 232 503 709	
EAST-WEST CRI	 TICAL VOLUMES	: 394		
NORTH-SOUTH C				
THE SUM OF CR	ITICAL VOLUME	S: 1368		
NUMBER OF SIG	NAL PHASES: 2			
ICU VALUE: O.	912			

INTERSECTION: VICTORIA ST. AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: EXISTING (1985)

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 36 139 125 80	THROUGH 176 175 837 807	DLUMES RIGHT 160 344 49 235	TOTAL 372 658 1011 1122
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 1 1 1		DF LANES———— RIGHT ONLY 1 1 1 1	TOTAL 3 3 4 4
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 36 139 125 80	ASSIGNED LAI THRU & LEFT N/A N/A N/A N/A	NE VOLUMES THRU(& RIGHT) 176 175 419 404	

EAST-WEST CRITICAL VOLUMES: 380
NORTH-SOUTH CRITICAL VOLUMES: 529

THE SUM OF CRITICAL VOLUMES: 909

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.606

INTERSECTION CAP. LEVEL OF SERVICE: B

INTERSECTION: VICTORIA ST. AND WILMINGTON AVE.

DATE: 05-09-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITHOUT PROJECT

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 40 153			TOTAL
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 1 1	NUMBER THROUGH 1 1 2 2	OF LANES————————————————————————————————————	TOTAL 3 3 3 4 4
1-WESTBOUND	LEFT ONLY 40 153 138	THRU & LEFT N/A N/A	NE VOLUMES THRU(& RIGHT) 194 193 462 446	RIGHT ONLY 177
EAST-WEST CRI NORTH-SOUTH C	TICAL VOLUMES: RITICAL VOLUME	347 IS: 584		
THE SUM OF CR	ITICAL VOLUMES	3: 931		
NUMBER OF SIG	NAL PHASES: 2			
ICU VALUE: 0.0	520			
INTERSECTION (DAP. LEVEL OF	SERVICE :	В	

INTERSECTION: VICTORIA ST. AND WILMINGTON AVE.

DATE: 05-09-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

ICU VALUE: 0.749

INTERSECTION CAP. LEVEL OF SERVICE: C

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 40 153 233 88	INPUT V(THROUGH 194 193 1367 1015	DLUMES RIGHT 177 390 54 259	TOTAL 411 736 1654 1362
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 1 1 1	NUMBER (THROUGH 1 1 2 2	OF LANES	TOTAL 3 3 4 4
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 40	ASSIGNED LAM THRU & LEFT N/A N/A N/A N/A	NE VOLUMES THRU(& RIGHT) 194 193 484 508	
EAST-WEST CRI NORTH-SOUTH C	TICAL VOLUMES: RITICAL VOLUME	352 S: 772		
THE SUM OF CR	ITICAL VOLUMES	1124		
NUMBER OF SIG	NAL PHASES: 2			

INTERSECTION: UNIVERSITY DR. AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: EXISTING (1985)

AFPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 24 269 18 87	INPUT VI THROUGH 23 72 765 884	OLUMES RIGHT 17 67 73 171	TOTAL 64 408 856 1142
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 1 1 1 1	NUMBER (THROUGH 2 2 2 2	OF LANES————— RIGHT ONLY 1 1 1	TOTAL 4 4 4 4
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 24 269 18 87	ASSIGNED LAI THRU & LEFT N/A N/A N/A N/A	NE VOLUMES THRU(& RIGHT) 12 36 383 442	RIGHT ONLY 17 67 73 171

EAST-WEST CRITICAL VOLUMES: 286
NORTH-SOUTH CRITICAL VOLUMES: 470

THE SUM OF CRITICAL VOLUMES: 756

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.530

INTERSECTION CAP. LEVEL OF SERVICE: A

INTERSECTION: UNIVERSITY DR. AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: FUTURE (1991) WITHOUT PROJECT

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 26 297 20 96	INPUT V THROUGH 25 79 845 976	OLUMES RIGHT 19 74 81 189	TOTAL 70 450 946 1261
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 1 1 1	NUMBER : THROUGH 2 2 2 2	OF LANES———— RIGHT ONLY 1 1 1 1	TOTAL 4 4 4 4 4
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 26 297 20 96	ASSIGNED LAI THRU & LEFT N/A N/A N/A N/A	NE VOLUMES THRU(& RIGHT) 13 40 423 488	

EAST-WEST CRITICAL VOLUMES: 316
NORTH-SOUTH CRITICAL VOLUMES: 519

THE SUM OF CRITICAL VOLUMES: 835

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.586

INTERSECTION CAF. LEVEL OF SERVICE: A

INTERSECTION: UNIVERSITY DR. AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

		* N.F. (1.7") 14	""\1 1 1 1 1 1 1 1 1 1	
APPROACH	LEFT	THROUGH	DLUMES RIGHT	TOTAL
1-WESTBOUND	26	25	22	73
2-EASTBOUND	334	79	74	487
3-NORTHBOUND	20	1009	81	1110
4-SOUTHBOUND	96	979	198	1273
	trich beide beier stide mine ferm unre vant water state alle place	NIMEER	OF LANES	
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	1	2	1	4
2-EASTBOUND	1	2	1	4
3-NORTHBOUND	1		1	4
4-SOUTHBOUND	1	2	1	4.
			NE VOLUMES	
AFPROACH	LEFT ONLY	THRU & LEFT		RIGHT ONLY
1-WESTBOUND 2-EASTBOUND	26	N/A	13	22
3-NORTHBOUND	334	NZA	40	74
4-SOUTHBOUND	20	N/A	505	81
4-2001 HB00ND	94	N/A	49 0	198
week down these facts place takes store token datal wide state object and	***************************************			
	TICAL VOLUMES:	354		
NORTH-SOUTH C	RITICAL VOLUMES	B: 601		
THE SUM OF CR	ITICAL VOLUMES	957		

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.671

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INTERSECTION CAP. LEVEL OF SERVICE : B

INTERSECTION: UNIVERSITY DR. AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: PM FEAK HOUR

CASE: EXISTING (1985)

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 37 177 40 9	INFUT V THROUGH 16 15 683 881	OLUMES RIGHT 155 41 16 297	TOTAL 208 233 739 1187
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 1 1 1	NUMBER THROUGH 2 2 2 2	OF LANES————— RIGHT ONLY 1 1 1	TOTAL 4 4 4 4
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 37 177 40 9	ASSIGNED LA THRU & LEFT N/A N/A N/A N/A	NE VOLUMES THRU(& RIGHT) 8 8 8 342 441	RIGHT ONLY 155 41 16 297

EAST-WEST CRITICAL VOLUMES: 332
NORTH-SOUTH CRITICAL VOLUMES: 481

THE SUM OF CRITICAL VOLUMES: 813

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.570

INTERSECTION CAP. LEVEL OF SERVICE:

INTERSECTION: UNIVERSITY DR. AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITHOUT PROJECT

APPROACH 1-WESTBOUND	LEFT 41	INPUT V THROUGH 18	RIGHT 171	TOTAL 230
2-EASTBOUND	195	17	45 (257
3-NORTHBOUND	44	754	18	816
4-SOUTHBOUND	10	973	328	1311
	****	NUMBER (DF LANES	Made and then been been made there were been rape with
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	1	2	1	4
2-EASTBOUND	1	2	1	4).
3-NORTHBOUND	1	2	1	4
4-SOUTHBOUND	1	2	1	4
		ASSIGNED LA	NE VOLUMES	MPAN SANS SANS SANS SANS MASS SANS SANS SA
AFFROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	RIGHT ONLY
1-WESTBOUND	41	N/A	9	171
2-EASTBOUND	195	N/A	9	45
3-NORTHBOUND	44	N/A	377	18
4-SOUTHBOUND	10	N/A	487	328
				*
EAST-WEST CRI	TICAL VOLUMES	366 366		

THE SUM OF CRITICAL VOLUMES: 897

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.629

INTERSECTION CAP. LEVEL OF SERVICE: B

INTERSECTION: UNIVERSITY DR. AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB FERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

AFPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 41 204 44 13	THROUGH 18 17 796 1137	OLUMES RIGHT 171 45 18 365	TOTAL 230 266 858 1515
	were appeal to the desire where the court was price to the court was	NUMBER	OF LANES	
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	1	2	1	4
2-EASTBOUND	1.	2	1	. 4
3-NORTHBOUND	1	2	1	4
4-SOUTHBOUND	4	#	1	4
	Mary Chief drifts from Ward Libert many cases labor 30000 60000 con-	ASSIGNED LA	NE VOLUMES	order brief was stage where some trees drops bloom troops
AFFROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	
1-WESTBOUND	41	N/A	9	171
2-EASTBOUND	204	N/A	9	45
3-NORTHBOUND	44	N/A	398	18
4-SOUTHBOUND	. 13	N/A	569	365

EAST-WEST CRI	TICAL VOLUMES	375		
NORTH-SOUTH C	RITICAL VOLUM	ES: 613		

THE SUM OF CRITICAL VOLUMES: 988

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.693

INTERSECTION CAP. LEVEL OF SERVICE :

INTERSECTION: DEL AMO BLVD. AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: EXISTING (1985)

	***** ***** ***** ***** ***** ***** ****	INPUT V	NI IMF9	
APPROACH	LEFT	THROUGH	RIGHT	TOTAL
1-WESTBOUND	246	445	281	972
2-EASTBOUND	96	263	87	446
3-NORTHBOUND	68	440	168	676
4-SOUTHBOUND	163	682	121	966
		NUMBER	DF LANES	7907 1100 MAN SAN SAN SAN SAN SAN SAN SAN SAN SAN S
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	1	2	1	4
2-EASTBOUND	1	2	1	. 4
3-NORTHBOUND	1	2	1	4
4-SOUTHBOUND	1	2	1	4
APPROACH	LEFT ONLY		VE VOLUMES	
1-WESTBOUND	246	THRU & LEFT	THRU(& RIGHT)	
2-EASTBOUND	240 96	N/A	223	281
3-NORTHBOUND	48 48	N/A N/A	132	. 87
4-SOUTHBOUND	163	N/A	220	168
, con Himonia	100	N/A	341	121
AND 2111 1118 AND AND THE				
	TICAL VOLUMES			
NORTH-SOUTH C	RITICAL VOLUM	ES: 409		
THE CUM OF OR	TTTTT			

THE SUM OF CRITICAL VOLUMES: 787

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.524

INTERSECTION CAP. LEVEL OF SERVICE:

INTERSECTION: DEL AMO BLVD. AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: FUTURE (1991) WITHOUT PROJECT

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 272 106 75 180	INPUT VI THROUGH 491 290 486 753	DLUMES RIGHT 310 96 185 134	TOTAL 1073 492 746 1067
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 1 1 1	NUMBER (THROUGH 2 2 2 2	DF LANES————— RIGHT ONLY 1 1 1 1	TOTAL 4 4 4 4
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 272 106 75 180	ASSIGNED LAI THRU & LEFT N/A N/A N/A N/A	NE VOLUMES THRU(& RIGHT) 246 145 243 377	

EAST-WEST CRITICAL VOLUMES: 417
NORTH-SOUTH CRITICAL VOLUMES: 452

THE SUM OF CRITICAL VOLUMES:

869

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.579

INTERSECTION CAP. LEVEL OF SERVICE:

A

INTERSECTION: DEL AMO BLVD. AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

		T N P 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	""]	
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 272 164 75 190	THROUGH 491 290 554 770	DLUMES RIGHT 346 96 185 149	TOTAL 1109 550 814 1109
AFPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 1 1 1	THROUGH 2 2 2 2	OF LANES RIGHT ONLY 1 1 1 1	TOTAL 4 4 4 4 4
	*** *** *** *** *** *** *** *** *** **	ASSIGNED LAM	NE VOLUMES	**** ***** **** **** **** **** ****
APPROACH	LEFT ONLY '	THRU & LEFT	THRU(& RIGHT)	RIGHT ONLY
1-WESTBOUND	272	N/A	246	346
2-EASTBOUND	164	N/A	145	96
3-NORTHBOUND 4-SOUTHBOUND	75	NZA	277	185
dhocan rock	190	N/A	385	149
	TICAL VOLUMES: RITICAL VOLUME			
THE SUM OF CR	ITICAL VOLUMES	3: <i>977</i>		

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.651

INTERSECTION CAP. LEVEL OF SERVICE : B

INTERSECTION: DEL AMO BLVD. AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: EXISTING (1985)

		TNEUTT !!!	JLUMES	
APPROACH	LEFT	THROUGH	RIGHT	
1-WESTBOUND	96	225	78	TOTAL
2-EASTBOUND	85	276	7 G 6 7	39 9
3-NORTHBOUND	80 80	577		428
4-SOUTHBOUND	279	517	108	765
, mmm () 1 mm () () ()		71/	183	979
	NUMBER OF LANES			
APPROACH	LEFT ONLY	THROUGH		
1-WESTBOUND	1	2	KIOU! OME!	TOTAL
2-EASTBOUND	1	2	4	4
3-NORTHBOUND	1	2	1.	4
4-SOUTHBOUND	.± 1	2	1	4
" and Himonian	Ţ	aŭ.	<u>1</u> .	4
	***************************************	ASSIGNED LA	NE VOLUMES	
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	
1-WESTBOUND	96	N/A	113	78
2-EASTBOUND	85	N/A	138	67
3-NORTHBOUND	80	N/A	289	108
4-SOUTHBOUND	27 9	N/A	259	
	/ /	187 87	<i>≟</i>	183
EAST-WEST CRI	TICAL VOLUMES:	234		•

NORTH-SOUTH CRITICAL VOLUMES: 568

THE SUM OF CRITICAL VOLUMES: 802

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.534

INTERSECTION CAP. LEVEL OF SERVICE :

INTERSECTION: DEL AMO BLVD. AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITHOUT PROJECT

		TNELT LIG	OLUMES	
APPROACH	LEFT	THROUGH	RIGHT	TOTAL
1-WESTBOUND	106	248	86	440
2-EASTBOUND	74	305	74	473
3-NORTHBOUND	88	637	119	844
4-SOUTHBOUND	308	571	202	1081
		NUMBER (DF LANES	terr price drawn redge arous taken space arous facts again again.
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	1	<u>~</u>	1	4
2-EASTBOUND	1	2	1	4
3-NORTHBOUND	1	2	1 .	4
4-SOUTHBOUND	1	· 2	1	4
		ASSIGNED LAM	NE VOLUMES	THE STREET CAMPS AND MOST WHILE WHEN WHEN AND ALL RE COMES AND RE
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	RIGHT ONLY
1-WESTBOUND	106	N/A	124	86
2-EASTBOUND	94	N/A	153	74
3-NORTHBOUND	88	N/A	319	119
4-SOUTHBOUND	3 08	, N/A	286	202
			·	
EAST-WEST CRI	 TICAL VOLUMES	259		

EAST-WEST CRITICAL VOLUMES: 259
NORTH-SOUTH CRITICAL VOLUMES: 627

THE SUM OF CRITICAL VOLUMES: 885

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.590

INTERSECTION CAP. LEVEL OF SERVICE: A

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INTERSECTION: DEL AMO BLVD. AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: PM FEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 106 109 88 344	INPUT V THROUGH 248 305 654 639	DLUMES RIGHT 96 74 119 260	TOTAL 450 488 861 1243
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 1 1 1	NUMBER (THROUGH 2 2 2 2	DF LANES	TOTAL 4 4 4 4 4
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 106 109 88 344	ASSIGNED LAI THRU & LEFT N/A N/A N/A	NE VOLUMES THRU(& RIGHT) 124 153 327 320	

930

EAST-WEST CRITICAL VOLUMES: 259
NORTH-SOUTH CRITICAL VOLUMES: 671

THE SUM OF CRITICAL VOLUMES:

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.620

INTERSECTION CAP. LEVEL OF SERVICE: B

INTERSECTION: GLENN CURTIS ST. AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: EXISTING (1985)

		W. b. 1		
APPROACH	LEFT	THROUGH	OLUMES RIGHT	
1-WESTBOUND	<u> </u>	100000 0		TOTAL
2-EASTBOUND	o O	Ö	<u>o</u>	0
3-NORTHBOUND	1	<u>-</u>	2	رسم مشد رسم معمور رس
4-SOUTHBOUND	Ö	1051	O	1052
T-SOUTHBOOMD	Ç.	1142	<i>£</i> 5	1148
	week their start both what prob date coup shift and speek	NIMEE	OF LANES	
APPROACH	LEFT ONLY		RIGHT ONLY	TOTAL
1-WESTBOUND	()	0	O CIONI CHALL	
2-EASTBOUND	2	0	1	Ö.
3-NORTHBOUND	1.		1.	
4-SOUTHBOUND	<u>.</u> 1	2 2	1.	4
4 - 200 t LEGOND	1	<u></u>	1	4
		ASSIGNED LA	NE VOLUMES	where comes Many course course course anders dodgen course of
APPROACH	LEFT ONLY	THRU & LEFT	THRU(% RIGHT)	RIGHT ONLY
1-WESTBOUND	N/A	()	1 LANE	NZA
2-EASTBOUND	0	N/A	Q	<u></u>
3-NORTHBOUND	1	N/A	526	Ō
4-SOUTHBOUND	O	N/A	571	6
				
EAST-WEST CRI	 TICAL VOLUMES	· 2		
	RITICAL VOLUM			

THE SUM OF CRITICAL VOLUMES: 574

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.383

INTERSECTION CAP. LEVEL OF SERVICE : A

INTERSECTION: GLENN CURTIS ST. AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: FUTURE (1991) WITHOUT PROJECT

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 0 5 5	INPUT V THROUGH 0 0 1160 1261	DLUMES RIGHT 0 5 0 7	TOTAL 0 10 1165 1268
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 0 2 1	NUMBER THROUGH 0 0 2 2	OF LANES———— RIGHT ONLY O 1 1 1	TOTAL 0 3 4 4
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY N/A 3 5	ASSIGNED LAI THRU & LEFT O N/A N/A N/A	NE VOLUMES THRU(& RIGHT) 1 LANE 0 580 631	

EAST-WEST CRITICAL VOLUMES: 5
NORTH-SOUTH CRITICAL VOLUMES: 636

THE SUM OF CRITICAL VOLUMES: 641

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.427

INTERSECTION CAP. LEVEL OF SERVICE : A

INTERSECTION: GLENN CURTIS ST. AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

APPROACH	LEFT		DLUMES RIGHT	
1-WESTBOUND	: , O	Ó	Q	TOTAL O
2-EASTBOUND	139	Ö	56	195
3-NORTHBOUND	206	1160	Ö	1366
4-SOUTHBOUND	Ō	1261	545	1806
	- ,	NUMBER (OF LANES	
AFFROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	0	0	Ö	0
2-EASTBOUND	2	Ö	1	Ī
3-NORTHBOUND	1	2	1	4
4-SOUTHBOUND	1	2	1	4
		ASSIGNED LAM	NE VOLUMES	
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	RIGHT ONLY
1-WESTBOUND	N/A	Q	1 LANE	N/A
2-EASTBOUND	76	N/A	O	54
3-NORTHBOUND	206	N/A	580	O
4-SOUTHBOUND	O	N/A	631	545

NORTH-SOUTH CRITICAL VOLUMES: 837

THE SUM OF CRITICAL VOLUMES: 913

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.609

INTERSECTION CAP. LEVEL OF SERVICE : B

INTERSECTION: GLENN CURTIS ST. AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: EXISTING (1985)

	point vests have arrest arrest error states above above tennes of	INPUT	VOLUMES	***************************************
APPROACH	LEFT	THROUGH	RIGHT	TOTAL
1-WESTBOUND	Q	O	O	0
2-EASTBOUND	Q	0	O	Ö
3-NORTHBOUND	O	1015	0	1015
4-SOUTHBOUND	O	1187	O	1187
		h. 11 34 d gm, pm cm.		
APPROACH	LEFT ONLY		OF LANES	
1-WESTBOUND	CEFT CHLT	THROUGH	RIGHT ONLY	TOTAL
2-EASTBOUND	2	0	O	O
3-NORTHBOUND	<u>*</u>	O	1	3
4-SOUTHBOUND	1	2	1	4
Tribuan i noce	1	2	1	4
		ASSIGNED	ANE VOLUMES	
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	
1-WESTBOUND	N/A	0	1 LANE	
2-EASTBOUND	0	N/A	O CHIVE	N/A
3-NORTHBOUND	Ŏ	N/A	508	<u> </u>
4-SOUTHBOUND	Ŏ	N/A	594	٥
	ŭ.	14/17	J74	O

EAST-WEST CRITICAL VOLUMES: 594

THE SUM OF CRITICAL VOLUMES: 594

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.396

INTERSECTION CAP. LEVEL OF SERVICE: A

INTERSECTION: GLENN CURTIS ST. AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITHOUT PROJECT

APPROACH	LEFT	THROUGH	OLUMES RIGHT	TOTAL
1-WESTBOUND	O	O	O	0
2-EASTBOUND	0	Q	0	Ō
3-NORTHBOUND	O	1121	Ö	1121
4-SOUTHBOUND	0	1310	O	1 310
	000 Miles Chief (1017 Miles 1017 Miles 10 Miles (1007 Miles 1007 Miles 1007 Miles (1007 M	NUMBER	OF LANES	office Miles to the course open to high sites diple system garry delact
AFPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	Ŏ	0	Ů	ō
2-EASTBOUND	2	O	1	3
3-NORTHBOUND	1	,, .et.:-	1	4
4-SOUTHBOUND	1	2	1	4
	Never colour section terms would mining colour colour sector allows based prior	ASSIGNED LA	NE VOLUMES	official strong abbase strong admiral section section assume assume
APPROACH	LEFT ONLY	THRU & LEFT	THRU(% RIGHT)	RIGHT ONLY
1-WESTBOUND	NZA	0	1 LANE	N/A
2-EASTBOUND	O	NZA	O	0
3-NORTHBOUND	()	N/A	561	0
4-SOUTHBOUND	O	N/A	655	O
EAST-WEST CET	TICAL VOLUMES	0		
NORTH-SOUTH C		-		

THE SUM OF CRITICAL VOLUMES: 455

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.437

INTERSECTION CAP. LEVEL OF SERVICE: A

INTERSECTION: GLENN CURTIS ST. AND WILMINGTON AVE.

DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 0 538 51 0	INPUT V THROUGH 0 0 1121 1310	OLUMES	TOTAL 0 739 1172 1444
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY O 2 1	NUMBER THROUGH 0 0 2 2	OF LANES	TOTAL 0 3 4 4
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY N/A 296 51	ASSIGNED LA THRU & LEFT O N/A N/A N/A	NE VOLUMES THRU(& RIGHT) 1 LANE 0 561 655	RIGHT ONLY N/A 201 0 134

EAST-WEST CRITICAL VOLUMES: 296
NORTH-SOUTH CRITICAL VOLUMES: 706

THE SUM OF CRITICAL VOLUMES: 1002

NUMBER OF SIGNAL PHASES: 2

ICU VALUE: 0.668

INTERSECTION CAP. LEVEL OF SERVICE: B

INTERSECTION: UNIVERSITY DR. AND AVALON BLVD.

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: EXISTING (1985)

		INPUT V	mil Liberman	
APPROACH	LEFT	THROUGH	RIGHT	TOTAL
1-WESTBOUND	mar and	()	135	457
2-EASTBOUND	0	ő		40/ ()
3-NORTHBOUND	Ö	711	96	80 <i>7</i>
4-SOUTHBOUND	236	487	Ö	723
		7 (37)	V	e di
			•	
,		NUMBER (DF LANES	**** **** **** **** **** **** **** **** ****
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	1	O	1	2113
2-EASTBOUND	0	O	Ō	Ō
3-NORTHBOUND	O		1	4
4-SOUTHBOUND	1	3	Ö	4
			•	•
	while while terms observe except tends rather makes become name and according	ASSIGNED LA	NE VOLUMES	
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	RIGHT ONLY
1-WESTBOUND	322	N/A	0	135
2-EASTBOUND	N/A	()	1 LANE	N/A
3-NORTHBOUND	N/A	237	237	96
4-SOUTHBOUND	234	NZA	162	N/A
EAST-WEST CRI				
NORTH-SOUTH C	RITICAL VOLUM	ES: 473		

THE SUM OF CRITICAL VOLUMES: 795

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.558

INTERSECTION CAP. LEVEL OF SERVICE: A

INTERSECTION: UNIVERSITY DR. AND AVALON BLVD.

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM FEAK HOUR

CASE: FUTURE (1991) WITHOUT PROJECT

75 pers, pers, pers, pers, pt. pers, p			DLUMES	
APPROACH	LEFT	THROUGH	RIGHT	TOTAL
1-WESTBOUND	356	O	149	505
2-EASTBOUND	O	O	0	O
3-NORTHBOUND	O	785	106	891
4-SOUTHBOUND	261	538	0	799
	same dates there are ever eater about these word lakes made	NIMEER (OF LANES	
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	1	0	1 1	101AL 2
2-EASTBOUND	ō	ŏ	Ó	<u>4</u> 0
3-NORTHBOUND	Ō	3	1	-
4-SOUTHBOUND	1	<u>.</u> 	Ö	4 4
		-	ű.	-4
		ASSIGNED LA	NE VOLUMES	
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	RIGHT ONLY
1-WESTBOUND	354	N/A	0	149
2-EASTBOUND	N/A	O	1 LANE	NZA
3-NORTHBOUND	N/A	262	262	106
4-SOUTHBOUND	261	N/A	179	NZA
EAST-WEST CRI				
NORTH-SOUTH CF	RITICAL VOLUM	ES: 523		
THE SUM OF CR	ITICAL VOLUME	S: 879		

ICU VALUE: 0.617

INTERSECTION CAF. LEVEL OF SERVICE: B

NUMBER OF SIGNAL PHASES: 3

INTERSECTION: UNIVERSITY DR. AND AVALON BLVD.

INTERSECTION CAP. LEVEL OF SERVICE: B

DATE: 05-08-1986 INITIALS: RRB PERIOD: AM PEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT 362 0 0	INPUT VI THROUGH 0 0 785 538	DLUMES RIGHT 151 O 131	TOTAL 513 0 916 808
		NUMBER (OF LANES	COMM AND THE THE STATE STATE STATE STATE STATE STATE STATE STATE
APPROACH	LEFT ONLY		RIGHT ONLY	
1-WESTBOUND 2-EASTBOUND	1 O	O	1	2
3-NORTHBOUND		<u>o</u>	O.	0
4-SOUTHBOUND	1	3 3	1 O	4
,	4)	Ú.	4
1-WESTBOUND	LEFT ONLY 362 N/A N/A	THRU & LEFT	NE VOLUMES THRU(& RIGHT) O 1 LANE 262 179	RIGHT ONLY 151 N/A 131 N/A
	 TICAL VOLUMES: RITICAL VOLUME			
THE SUM OF CR	ITICAL VOLUMES	3: 894		
NUMBER OF SIG	NAL PHASES: 3			
ICU VALUE: 0.	627			

INTERSECTION: UNIVERSITY DR. AND AVALON BLVD.

DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: EXISTING (1985)

	17 207 Milde floor gazes state (2000 state 1500 1500 1500 1500 1500)	INPUT V	OLUMEC	
APPROACH	LEFT	THROUGH	RIGHT	TOTAL
1-WESTBOUND	147	Ö	209	356
2-EASTBOUND	0	Ô	Ó	0.0
3-NORTHBOUND	Q	883	25 i	1134
4-SOUTHBOUND	458	1000	0	1458
		NUMBER	OF LANES	
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL
1-WESTBOUND	1	Q	1	2
2-EASTBOUND	0	Q	0	Ö
3-NORTHBOUND	()	3	i	4
4-SOUTHBOUND	1	3	O	4
	mone many print while many and print burn wing place while print at	ASSIGNED LA	NE VOLUMES	
APPROACH	LEFT ONLY	THRU & LEFT	THRU(& RIGHT)	RIGHT ONL'
1-WESTBOUND	147	N/A	0	209
2-EASTBOUND	N/A	Q	1 LANE	NZA
3-NORTHBOUND	N/A	294	294	251
4-SOUTHBOUND	458	N/A		N/A
EAST-WEST ORT	 TICAL VOLUMES:	: 209		
	RITICAL VOLUME			
THE SUM OF CR	ITICAL VOLUMES	3: 961		

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.675

INTERSECTION CAP. LEVEL OF SERVICE: B

INTERSECTION: UNIVERSITY DR. AND AVALON BLVD.

DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITHOUT PROJECT

	INFUT VOLUMES					
APPROACH		THROUGH		TOTAL		
1-WESTBOUND	162	O	231	393		
2-EASTBOUND		O -	()	Ö		
3-NORTHBOUND		975	277	1252		
4-SOUTHBOUND	506	1170	O	1676		
	THE SEA CAN SELECTION WHEN SHEET THE SEAS CAN AND CAN	NUMBER	OF LANES			
APPRUACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL		
I-MERIRONND	1	0	1	2		
2-EASTBOUND	O	0 3	, O	0		
3-NORTHBOUND	O	3	. O 1	4.		
4-SOUTHBOUND	1	3	0	4		
APPROACH 1-WESTBOUND 2-EASTBOUND 3-NORTHBOUND 4-SOUTHBOUND	LEFT ONLY 162 N/A N/A	THRU & LEFT	NE VOLUMES THRU(& RIGHT) O 1 LANE 325 390	RIGHT ONLY		
	TICAL VOLUMES: RITICAL VOLUMES					
THE SUM OF CRITICAL VOLUMES: 1062						
NUMBER OF SIG	NAL PHASES: 3			v.		
ICU VALUE: 0.745						
INTERSECTION CAF. LEVEL OF SERVICE: C						

INTERSECTION: UNIVERSITY DR. AND AVALON BLVD.

DATE: 05-08-1986 INITIALS: RRB PERIOD: PM PEAK HOUR

CASE: FUTURE (1991) WITH PROJECT

	INPUT VOLUMES				
APPROACH	LEFT	THROUGH	RIGHT	TOTAL	
1-WESTBOUND	177	0	250	427	
2-EASTBOUND	Q	O	O	Ö	
3-NORTHBOUND	O	975	283	1258	
4-SOUTHBOUND	508	1170	O	1678	
	NUMBER OF LANES				
APPROACH	LEFT ONLY	THROUGH	RIGHT ONLY	TOTAL	
1-WESTBOUND	1	Ö	17.4.20111 (21.412)	2	
2-EASTBOUND	Ö	. 0	Ô	Ö	
3-NORTHBOUND	Ó	Š	1	4	
4-SOUTHBOUND	1	3	Ö	4	
		A COM T CONTROL A	h I Province de la companya de la co		
APPROACH	LEFT ONLY		NE VOLUMES		
1-WESTBOUND	177	THRU & LEFT N/A	THRU(% RIGHT)		
2-EASTBOUND	N/A	N/H	()	250	
3-NORTHBOUND	N/A	325	1 LANE 325	NZA	
4-SOUTHBOUND	508	N/A	320 390	283	
	Seed Seed Seed	147 F4	240	N/A	
	-				
EAST-WEST CRI					
NORTH-SOUTH C	RITICAL VOLUM	ES: 833			

THE SUM OF CRITICAL VOLUMES: 1083

NUMBER OF SIGNAL PHASES: 3

ICU VALUE: 0.760

INTERSECTION CAP. LEVEL OF SERVICE:

APPENDIX 6.5 CC&R'S

DECLARATION OF COVENANTS, CONDITIONS AND RESTRICTIONS FOR DOMINGUEZ TECHNOLOGY CENTRE - PHASE 1

THIS DECLARATION is made this ______day.of _______, 1986, by DOMINGUEZ PROPERTIES, A California limited partnership (hereinafter referred to as "Developer").

Article I RECITALS

1.01 Developer is the owner of certain real property in the County of Los Angeles, State of California, more particularly described in Exhibit A attached hereto (the "Land").

1.02 In order to establish a Unified plan for the improvement and development of the "Property" (as defined in Section 2.03(c) below), Developer desires to subject the Property to certain conditions, covenants and restrictions, upon and subject to which all the Property shall be held, improved and conveyed.

Article II GENERAL PROVISIONS

2.01 Establishment of Restrictions

Developer hereby declares that the Property is now held and shall hereafter be held, transferred, sold, leased, conveyed, maintained, and occupied subject to the restrictions herein set forth, each and all of which is and are for, and shall inure to, the benefit of and pass with the Property and each and every part or parcel thereof, and shall apply to and bind any owner, lessee or other occupier or user of the Property or any portion thereof, and the heirs, assignees and successors in interest of

any such owner, lessee, occupier or user.

2.02 Purpose of Restrictions

The purpose of these restrictions is to insure proper development and use of the Property, to protect the owner of each parcel of the Property against such improper development and use of surrounding parcels as will depreciate the value of his parcel, to prevent the erection on the Property of structures built of improper design or materials, to encourage the erection of attactive improvements at appropriate locations, to prevent haphazard and inharmonious improvements, to secure and maintain proper setbacks from streets and adequate free spaces between structures, and in general to provide adequately for a high type and quality of improvement of the Property in accordance with a general plan.

2.03 Definitions

- (a) "Developer" shall mean DOMINGUEZ PROPERTIES, a California limited partnership.
- (b) "Improvements" shall mean and include buildings, outbuildings, parking areas, loading areas, storage areas, trackage, fences, walls, walkways, hedges, landscaping, mass plantings, poles, signs, and any structures of any type or kind.
- (c) "Property" shall mean the Land, together with any and all Improvements which are now or may hereafter be located on said Land.
- (d) "Site" shall mean a portion of the Land suitable for development and includes all continguous Land under one ownership.
- (e) "Successors or assigns" of Developer shall mean an entity with which Developer shall merge or consolidate, or an entity which acquires the rights, powers and reservations

of Developer pursuant to Section 7.03 of Article VII hereof. "Successors or assigns" of Developer shall not mean an entity which becomes an owner, lessee, or occupant of the Property, or any portion thereof, by virtue of acquiring title or possesory interest in the Property from Developer or its successors in interest.

(f) <u>Buildable Area:</u> The entire legal lot area within the property lines, excluding those portions of the lot which must be reserved <u>for yard spaces</u> and building line setback space. For the purpose of computing the density limitations on total floor area in buildings of any height, the buildable area that would apply to a one-story building on the lot shall be used.

Article III REGULATIONS OF IMPROVEMENTS

3.01 Minimum Setback Lines

No building shall be located nearer to any public street right of way line than twenty-five (25) feet therefrom. No uses shall be made of said setback area except for access driveways, steps and walkways, bikeways, landscaping, and planters, unless specifically approved by Developer in writing. Side and rear setbacks shall be in accordance with applicable zoning and building ordinances. In addition, no building shall be located nearer to the University Drive right of way line than one hundred (100) feet therefrom.

3.02 <u>Completion of Construction</u>

After commencement of construction of any Improvement, the owner thereof shall diligently prosecute the work thereon, to the end that the Improvement shall not remain in a partly finished condition any longer than reasonably necessary for completion thereof, and in no case longer than nine (9) months without prior written approval of Developer.

3.03 Landscaping

- have been placed and every Site to be occupied without placing a building thereon ("Land Site"), including unpaved areas between the curb lines and the building set back lines adjacent thereto, even if such areas are within public rights of way, shall be landscaped with lawn, shrubbery, trees, bushes, or other suitable ground cover according to plans approved as specified herein and maintained thereafter in a clean and well kept condition by all owners, lessees, tenants, or other occupants of the Site or Land Site as provided in Section 10.04 below. Such landscaping shall cover an area of not less than 10% of the total lot area.
- (b) After a building has been placed on a Site or after a Land Site is occupied, the property owner, lessee or occupant shall provide hose bibs, underground sprinkler systems, and automatic water delivery systems to all ground cover, trees, and shrubbery.
- (c) Landscaping shall be installed within thirty (30) days of occupancy or completion of the building, whichever occurs first, and within thirty (30) days of occupancy of Land Site, weather permitting.

3.04 Signs

- (a) All signs which shall be erected shall be for purposes of identification only and not advertising, except as specified in paragraph 3.04(b), and shall have the prior written approval of Developer as to size, location, construction, color and content. No wall painted signs will be permitted.
- (b) No billboards or outdoor advertising signs or leases shall be permitted on the Property; however, Developer may erect a sign or signs on the Property identifying or describing Dominguez Technology Centre,

and/or indicating the availability for sale or lease of any of Developer's buildings or Sites.

- (c) Single identification or logo signs shall be permitted on one side of one building on a Site or on one side of a Land Site, showing only the name and/or product or service of the owner, lessee, or occupant of such Site, except as otherwise permitted with the prior written approval of Developer.
- (d) Products and service signs shall be single faced and confined to the walls of the larger buildings or to secondary structures which are lower than the main building. No part of any such sign shall extend above the roofline of any building. A symbol or device grouped with the sign may be illuminated. No flashing or moving signs are permitted.
- (e) Signs located other than on the main building on a Site shall be subject to the approval of Developer. Employment signs will not be permitted.
- (f) Real estate broker signs advertising any building or Land Site or portion thereof for sublease shall not be permitted.
- (g) A sign or signs, subject to developer's approval of size, location, construction, color, content, and timing for placement and removal, may be erected on the Property on or near a construction site whereon contractors, sub-contractors, architects, financing institutions or others related to the specific project may be identified. Such sign or signs shall be freshly painted when first erected and shall be maintained until removal in an as-new condition.
- (h) All signs shall also meet requirements of the governing building code.

3.05 Parking Areas

- *(a) Adequate offstreet parking shall be provided to accommodate all parking needs for employees, visitors and company vehicles on a Site, so as to eliminate the need for any onstreet parking.
- (b) Parking shall not be permitted between the public street pavement (or curb line) and the building setback line.
- (c) The parking requirements may be modified by Developer as to any particular Site.

3.06 Storage and Loading Areas; Communications Equipment

- (a) No materials, supplies, or equipment shall be stored in any area on a Site except inside an enclosed building, or behind a visual barrier screening such storage to its full height from the view of any street and any side neighbor.
- (b) Front-facing truck loading docks shall not be allowed without the specific approval in writing by Developer in accordance with Article IV.
- (c) Side-facing truck loading docks shall be set back and screened to minimize the view from the street.
- (d) All communications equipment, including but not limited to antennas and similar or related equipment, located at or near ground level shall be screened by a visual barrier from the view of any street or side neighbor, and any such roof-mounted equipment shall be screened to the extent feasible, all as approved by Developer.

3.07 Building Regulations

Any building erected on a Site shall conform to the following construction practices:

- (a) Exterior walls shall be of concrete, brick, masonry, tile, glass or decorative metal construction subject to approval of Developer.
- (b) Exterior walls shall be painted or suitably treated initially in a manner acceptable to Developer and if such treatment is not permanent, repainted or retreated in like manner as often as necessary in order to maintain a clean and well kept appearance.

3.08 Height & Density of Buildings

(a) No building shall be erected, structurally altered or enlarged so as to occupy more than 60 percent of a lot.

Subterranean parking buildings or sturctures, which may extend not higher than 6 feet above Curb Level, may occupy more than 60 percent of a lot.

(b) No building shall be erected or enlarged so as to exceed a floor area ratio of three to one (3:1) nor exceed 50' in height.

Article IV APPROVAL OF PLANS

4.01 Developer Approval Required

No improvement shall be erected, placed, altered, maintained or permitted to remain on the Property or any protion thereof until plans and specifications showing plot layout, all exterior elevations, structural design, materials and colors, parking, signs, and landscaping, and, as applicable, all change orders shall have been submitted to and approved in writing by Developer. Such plans,

specifications and change orders shall be submitted in writing over the signature of the owner or lessee of the Site. If Developer fails either to approve or disapprove such plans, specifications and change orders within thirty (30) days after the same have been submitted in writing to him, it shall be conclusively presumed that Developer has disapproved said plans, specifications and change orders. Upon approval by Developer of plans, specifications and change orders for construction or alteration of any Improvement, a copy of such plans, specifications and change orders as so approved shall be deposited for permanent record with Developer, and a copy of such plans, specifications and change orders bearing the written approval of Developer shall be returned to the owner or lessee making application for approvals.

4.02 Standards For Approval

Approval shall be based, among other things, on adequacy of Site dimensions; soundness and attractiveness of structural and aesthetic design; suitablility of materials to be employed in construction; conformity and harmony of external design with neighboring structures; effect of location and use on Improvements, operations and uses on neighboring Sites; relation of topography, grade and finished ground elevation of the Site being improved to that of neighboring Sites; proper facing of main elevation with respect to nearby streets; and conformity of the plans and specifications to the purpose and general plan and intent of these restrictions. Developer shall not arbitrarily or unreasonably withhold its approval of such plans and specifications.

4.03 Developer Not Liable For Damages

Neither Developer nor its successors or assigns shall be liable in damages to anyone submitting plans to

them for approval, or to any owner or lessee of the Property or any portion thereof, for any reason other than fraud arising out of or in connection with the approval or disapproval or failure to approve any such plans. Every person who submits plans to Developer for approval agrees, by submission of such plans, and every owner or lessee of any of the Property agrees, by acquiring title thereto or interest therin, that he will not bring any action or suit against Developer to recover any such damages.

4.04 Architectural Review

All plans submitted for review by Developer must be prepared by an architect or registered engineer licensed to practice in the State of California.

Article V ENFORCEMENT

5.01 Abatement and Suit

Violation or breach of any restriction herein contained shall give to Developer or any owner of the Property or any portion thereof the right to enter upon the Site on which said violation or breach exists and to summarily abate and remove, at the expense of the owner or lessee thereof, any structure, thing, or condition tha may be or exist thereon contrary to the intent and meaning of the provisions hereof, and/or to prosecute a proceeding at law or in equity against the person or persons who have violated or are attempting to violate any of these restrictions to enjoin or prevent them from doing so, to cause said violation to be remedied or to recover damages for said violations.

5.02 Deemed to Constitute a Nuisance

The result of every action or omission whereby any restriction herein contained is violated in whole or in part, except for variances from such restriction approved by Developer, is hereby declared to be and to constitute a nuisance, and every remedy allowed at law or equity against every such result may be exercised by Developer or by any owner of the Property or any portion thereof.

5.03 Attorney's Fees

In any legal or equitable proceeding for the enforcement or to restrain the violation of this Declaration or any provision hereof, if Developer receives any relief what soever the opposing party or parties shall pay all attorney's fees of and costs incurred by Developer in such proceeding. All remedies provided herein or at law or in equity shall be cumulative and not exclusive.

5.04 Inspection

Developer may from time to time at any reasonable hour or hours enter and inspect the Property or any portion thereof to ascertain compliance herewith.

5.05 Failure to Enforce Not a Waiver of Rights

The failure of Developer or any property owner to enforce any restriction herein contained shall in no event be deemed to be a waiver of the right to do so thereafter nor of the right to enforce any other restriction.

Article VI

REGULATION OF OPERATIONS AND USES

6.01 Permitted Operations and Uses

(a) Unless otherwise specifically prohibited herein, or by applicable zoning ordinances, any industrial or office operation and use will be permitted if it is performed or carried out entirely within a building

that is so designed and constructed that the enclosed operations and uses do not cause or produce a nuisance to adjacent Sites, such as but not limited to vibration, sound, electro-mechanical disturbances and radiation, electro-magnetic disturbance, air or water pollution, dust, or the emission of odorus, toxic or non-toxic matter. An exception shall be made during periods when breakdown in equipment occurs in such a manner as to make it evident that the effect was not reasonably preventable. All direct lighting is to be shielded and confined within property lines.

- (b) "Industrial or office operations and use" shall include, but not be limited to, the following uses:
 - (i) General manufacturing or assembly;
- (ii) Manufacture, research, assembly, testing,
 maintenance and repair of components, devices, equipment,
 parts and systems;
- (iii) Businesses engaged in research and
 development activities;
- (iv) Industries engaged in storage or warehousing;
- (v) Accessory uses and industrial support activities when part of, and related and incidental to, a permitted industrial use;
 - (vi) Headquarters or regional offices;
- (vii) General administrative, professional and business and offices.
 - (viii) Commercial-retail acitivities
- (c) Principally Permitted Uses refers to the predominant acitivity on a site. The fact that a minor operation on a site is one normally considered, properly

located in a district having less restrictive performance requirements, does not preclude its inclusion among the operations of a permitted use on a site requiring more restrictive levels of performance, provided such latter levels of performance are met.

6.02 Prohibited Operations and Uses

In addition to those operations prohibited by applicable zoning ordinances, the following operations and uses shall not be permitted on the Property or any portion thereof: residential; trailer courts; labor camps; junk yards; commercial excavation of building or construction materials; distillation of bones; dumping, disposal, incineration or reduction of garbage, sewage, offal, dead animals or refuse, or trash transfer stations; fat rendering; stockyard or slaughter of animals; refining of petroleum or of its products; keeping or raising animals, livestock or poultry.

6.03 Other Operations and Uses

(a) Operations and uses which are neither specifically prohibited nor specifically authorized by these restrictions may be permitted in a specific case if written detailed operational plans and specifications therefor are submitted to and approved in writing by Developer. Approval or disapproval of such plans and specifications shall be based upon the effect of such operations or uses on other portions of the Property or upon the occupants thereof. If Developer fails either to approve or to disapprove such plans and specifications within thirty (30) days after the same have been submitted to it, it shall be conclusively presumed that Developer has disapproved said plans and specifications.

(b) Neither Developer, nor its successors or assigns, shall be liable in damages to anyone submitting operational plans and specifications to them for approval, or to any owner or lessee of the Property or any portion thereof, by reason of mistake in judgment, negligence or nonfeasance arising out of or in connection with the approval or disapproval or failure to approve any such plans and specifications. Every person who submits operational plans and specifications to Developer for approval agrees, by submission of such plans and specifications, and every owner and lessee of any of the Property agrees, by acquiring title thereto or interest therein, that he will not bring any action or suit against Developer to recover any such damages.

Article VII

TERM, TERMINATION, MODIFICATION AND ASSIGNMENTS
OF DEVELOPER'S RIGHTS AND DUTIES

7.01 Term

This Declaration, every provision hereof and every covenant, condition and restriction contained herein shall continue in full force and effect until December 31, 2040.

7.02 Termination and Modification

This Declaration or any provision hereof, or any covenant, condition or restriction contained herein, may be terminated, extended, modified or amended, as to the whole of the Property or any portion thereof, with the written consent of the owners of eighty-five percent (85%) of the Property, based on the number of gross square feet of the Land owned as compared to the total number of gross square feet of the Land subject to these restrictions; provided, however, that so long as Developer is owner or lessee of at

least ten percent (10%) of the Land, no such termination, extension, modification or amendment shall be effective without the written approval of Developer thereto. No such termination, extension, modification or amendment shall be effective until a proper instrument in writing has been executed and acknowledged and recorded in the office of the County Recorder, Los Angeles County, California.

7.03 Assignments of Developer's Rights and Duties Any and all of the rights, powers and reservations of Developer herein contained may be assigned to any person, corporation, partnership, association or other entity which will assume the duties of Developer pertaining to the particular rights, powers, and reservations assigned, and upon any such person, corporation, partnership, association, or entity evidencing its consent in writing to accept such assignment and assume such duties, he, she or it shall, to the extent of such assignent, have the same rights and powers and be subject to the same obligations and duties as are given to and assumed by Developer herein. The term "Developer" as used herein includes all such assignees and their heirs, successors and assigns. If at any time Developer ceases to exist and has not made such an assignment, a successor Developer may be appointed in the same manner as these restrictions may be terminated, extended, modified or amended under Section 7.02 of this Article VII.

Article VIII REPURCHASE OPTIONS

If, after the expiration of twenty-four (24) months from the date of transfer of title and delivery of a grant deed from Developer to a purchaser for a specific Site within the Property, the purchaser shall not have begun in

good faith the construction of an acceptable building upon said Site, Developer, its successors or assigns, upon thirty (30) days' prior written notice, shall have the option to repurchase the Site from the owner at the original purchase price, receive a grant deed therefor, and enter into possession of said Site. In the event any owner of a Site or Sites lying within the Property shall desire to sell all or any part of any such Site which at the time is less than fifty percent (50%) improved, meaning that Improvements occupy not more than fifty percent (50%) of the gross square footage of such Site, then Developer, its successors or assigns, shall have the prior right and option to purchase the unimproved premises proposed to be sold at the same price per acre paid by the owner for said Site when originally acquired from Developer, its successors or assigns, or at its proposed selling price, whichever is lower, and prior to any sale of such Site, the owner thereof shall notify Developer, its successors or assigns, of his intention to sell, describing the Site or Sites or portion thereof to be sold. Developer, its successors or assigns, shall then have thirty (30) days from the date of receipt of such notice to exercise its option. In the absence of written notification sent by Developer, its successors or assigns, of its election to exercise said option, such owner shall be free to sell such Site or Sites or portion thereof to any person and at any price deemed desirable by such owner, subject however to Section 11.07 of Article XI hereof.

Article IX EASEMENTS

Easements and rights of way are hereby reserved as publicly recorded. Developer, its successors or asigns, retains such further rights of way and easements as may be

necessary or convenient for the purpose of erecting, constructing, maintaining and operating utility services over, across, under and through the Property within the designated setback areas, including wires, poles, pipes and conduits for lighting, power, television, telephone and other communication facilities, gas, water, storm sewers, sanitary sewers, and other utility lines. Easements for railroad tracks and drainage ditches, if required, shall be limited to the rear and side boundaries of a Site only. Developer shall have the right to grant rights of way or easements to others to carry out the foregoing purposes. Upon the laying, repair, maintenance or replacement of any such lines, wires, pipes, conduits or sewers, the Property shall be restored to the same condition it was in prior to the doing of such work.

Article X MAINTENANCE

10.01 All owners, lessees, tenants, or other occupants of buildings or Sites within the Property shall maintain all buildings, fences, driveways, parking lots or other structures located upon said Site in good and sufficient repair and shall keep such premises painted, windows glazed, and otherwise maintain the Site in an aesthetically pleasing manner and in a condition approved by Developer, reasonable wear and tear excepted.

10.02 Any structures, driveway or parking lot damaged by the elements, casualty, or any other cause shall be repaired as promptly as possible.

10.03 Any buildings which become vacant for any reason shall be kept locked and all windows glazed to prevent illegal entry and vandalism.

10.04 At the option of Developer, the landscaped areas on each Site and Land Site may be maintained by a service provided by Developer at each owners, lessees, tenants', or other occupants' sole cost and expense. maintenance service shall function under the jurisdiction and supervision of Devoloper and shall include: lawn mowing; weeding; trimming of ground cover, shubbery and trees; fertilization; irrigation; and replacement of components of landscaping and irrigation systems where necessary. maintenance charge for such service shall be determined by adding to the actual cost of the service applicable to each Site or Land Site an administrative and contingency fee not to exceed ten percent (10%) of the cost of said service. the event Developer does not elect to provide such service, each owner, lessee, tenant, or other occupant shall maintain all landscaping within the areas on or adjacent to a Site or Land Site required to be landscaped pursuant to paragraph 3.03(a) above, keep lawns cut, shrubbery trimmed and replace damaged plantings, all at his or its own expense, in a condition approved by Developer.

delinquency of payment relating to any of the provisions of this Article X, Developer, its successors or assigns, upon prior notification to the owner, shall have the right to enter any Site to eliminate any adverse conditions, or to do anything else necessary to maintain the aesthetic standard of the Property for the common benefit of other property owners therein and the applicable cost, plus collection costs and legals fees, if any, shall be assessed to the owner and shall become a lien upon the property involved, which lien shall be enforceable in the usual manner provided by law.

Article XI MISCELLANEOUS PROVISIONS

11.01 Constructive Notice and Acceptance

Every person who now or hereafter owns or acquires any right, title or interest in or to any portion of the Property is and shall be conclusively deemed to have consented and agreed to every covenant, condition and restriction contained herein, whether or not any reference to this Declaration is contained in the instrument by which such person acquired an interest in said Property.

11.02 Rights of Mortgagees

All restrictions and other provisions herein contained shall be deemed subject and subordinate to all mortgages and deeds of trust now or hereafter placed upon the Property subject to these restrictions or any portion thereof, and none of said restrictions shall supersede or in any way reduce the security of any such mortage or deed of trust; provided, however, that if any portion of the Property is sold through the foreclosure of any mortgage or under the provisions of any deed of trust, any purchaser at such sale and his successors and assigns shall hold any and all Property so purchased subject to all of the restrictions and other provisions of this Declaration.

11.03 Mutuality, Reciprocity, Runs with Land

All restrictions, conditions, covenants and agreements contained herein are made for the direct, mutual and reciprocal benefit of each and every part, parcel and Site of the Property; shall create mutual, equitable servitudes upon each Site in favor of every other Site; shall create reciprocal rights and obligations among the respective owners of all Sites and privity of contract and estate among all grantees of said Sites, their heirs,

successors and assigns; and shall, as to the owner of each Site, his heirs, successors and assigns, operate as covenants running with the land, for the benefit of all other Sites.

11.04 Paragraph Headings

Paragraph headings, where used herein, are inserted for convenience only and are not intended to be a part of this Declaration or in any way to define, limit or describe the scope and intent of the particular paragraphs to which they refer.

11.05 Effect of Invalidation

If any provision of this Declaration is held to be invalid by any court, the invalidity of such provision shall not affect the validity of the remaining provisions hereof.

11.06 Addition of Territory

Developer may at any time or from time to time during the pendency of these restrictions add additional contiguous improved or unimproved land to the Property which is covered by this Declaration, and the covenants contained in this Declaration shall apply to the added land in the same manner as if it were originally covered by this Declaration; and thereafter the rights, powers and responsibilities of the parties to this Declaration with respect to the added land shall be the same as with respect the original Property, and the rights, privileges, duties and liabilities of the owners, lessees and occupants of parcels within the added land shall be the same as in the case of the original Property.

11.07 Lot Splits or Resubdivision of Sites

(a) In the event that a portion of a Site or of two or more contiguous Sites is subdivided or severed in ownership from the remainder of such Site or contiguous Sites, such portion so subdivided or severed, and the

remaining portion of such Site, shall each thereafter be treated for all purposes hereunder as separate Sites for the express purpose of imposing upon and subjecting each of such newly formed Sites to all of these restrictions.

(b) Any such subdivision or severance of any Site or Sites shall be accomplished substantially in accordance with a Parcel Map, Tract Map or similar map or plot plan which, prior to such subdivision or severance, shall be submitted to and approved in writing by Developer as well as local governmental agency having jurisdiction over such matters.

IN WITNESS WHEREOF, the undersigned have executed this Declaration on the date first hereinabove written.

DOMINGUEZ PROPERTIES, a California limited partnership

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