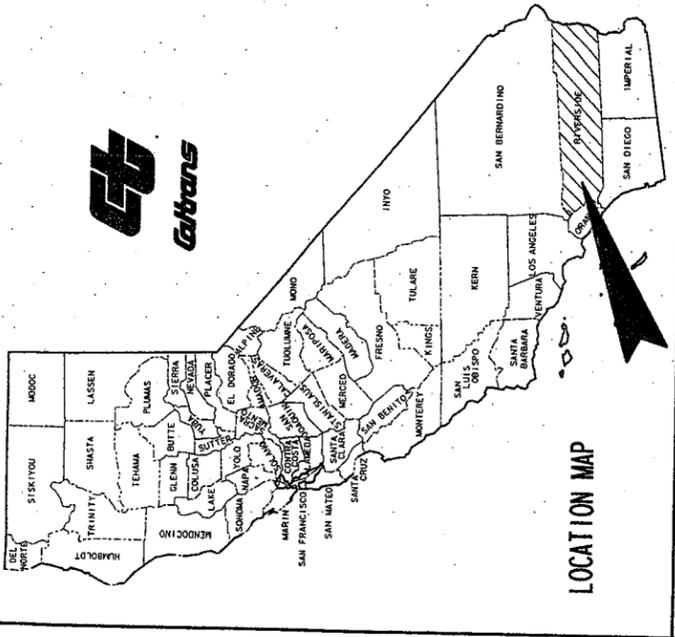
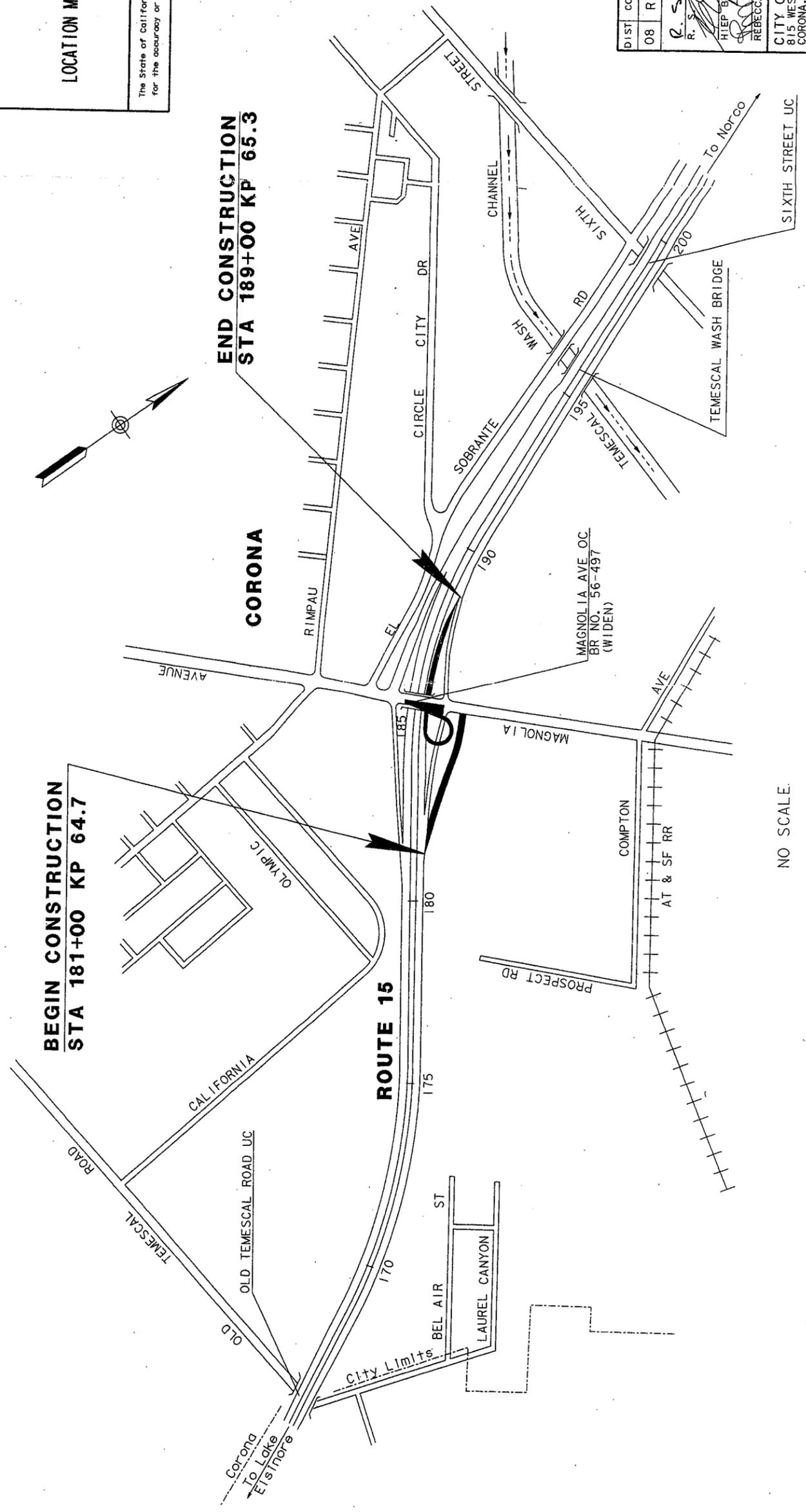


STATE OF CALIFORNIA  
 DEPARTMENT OF TRANSPORTATION  
 GEOMETRIC APPROVAL DRAWINGS ON  
**STATE HIGHWAY**  
 IN RIVERSIDE COUNTY  
 IN CORONA  
 AT THE MAGNOLIA AVENUE INTERCHANGE

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	RIV	15	64.7/65.3	1	6



The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.



NO SCALE.

DIST	COUNTY	ROUTE	KILOMETER POST TOTAL PROJECT	SHEET NO.	TOTAL SHEETS
08	RIV	15	64.7/65.3	1	6

R. S. C. P. 6-24-2002  
 R. S. C. P. RECOMMENDED DATE  
 HIEP BUI APPROVAL DATE 7/20/02  
 REBECCA MOWRY CONCURRED DATE

CITY OF CORONA  
 815 WEST SIXTH STREET  
 CORONA, CA 91720

SC ENGINEERING  
 14318 CALIFORNIA AVE SUITE 104  
 VICTORVILLE, CA 92392

EA 452200

**Table 1**  
**ADT for the Project Study Area For Year 2025**

ALL Vehicles						TRUCKS *		
Roadway Segment			Length	Year 2025		Truck % *	Year 2025	
Roadway	from	To	Miles	No Build	Build		No Build	Build
I-15	South project limit (PM 40.0)	North Project limit (40.7)	0.7	231,400	231,400	5.6%	13,000	13,000
Magnolia Ave	West of I-15			51,600	51,600	2.0%	1,000	1,000
Magnolia Ave	East of I-15			53,700	53,700	5.0%	2,700	2,700

(Source for Traffic Volumes: City of Corona Traffic Model by Meyer Mohaddas & Associates and Caltrans Traffic Data)

Notes:

1. year 2025 is the "build out" year for hte City of Corona Traffic Model that was used for traffic volumes.
2. Truck percentage on I-15 Freeway is based upon Caltrans Traffic Counts at PM 41.5
3. Truck percentage on Magnolia is based upon City of Corona Traffic counts
4. "No build" and "build" traffic volumes are the same. The Project Report completed in 2003 did not show a difference in the volumes for these two conditions.

**Table 2**  
**ADT for the Project Study Area For Year 2008 (Estimated year open to traffic)**

ALL Vehicles						TRUCKS *		
Roadway Segment			Length	Year 2008		Truck % *	Year 2008	
Roadway	from	To	Miles	No Build	Build		No Build	Build
I-15	South project limit (PM 40.0)	North Project limit (40.7)	0.7	188,200	188,200	5.6%	10,600	10,600
Magnolia Ave	West of I-15			38,800	38,800	2.0%	800	800
Magnolia Ave	East of I-15			40,000	40,000	5.0%	2,000	2,000

(Source for Traffic Volumes: City of Corona Traffic Model by Meyer Mohaddas & Associates and Caltrans Traffic Data)

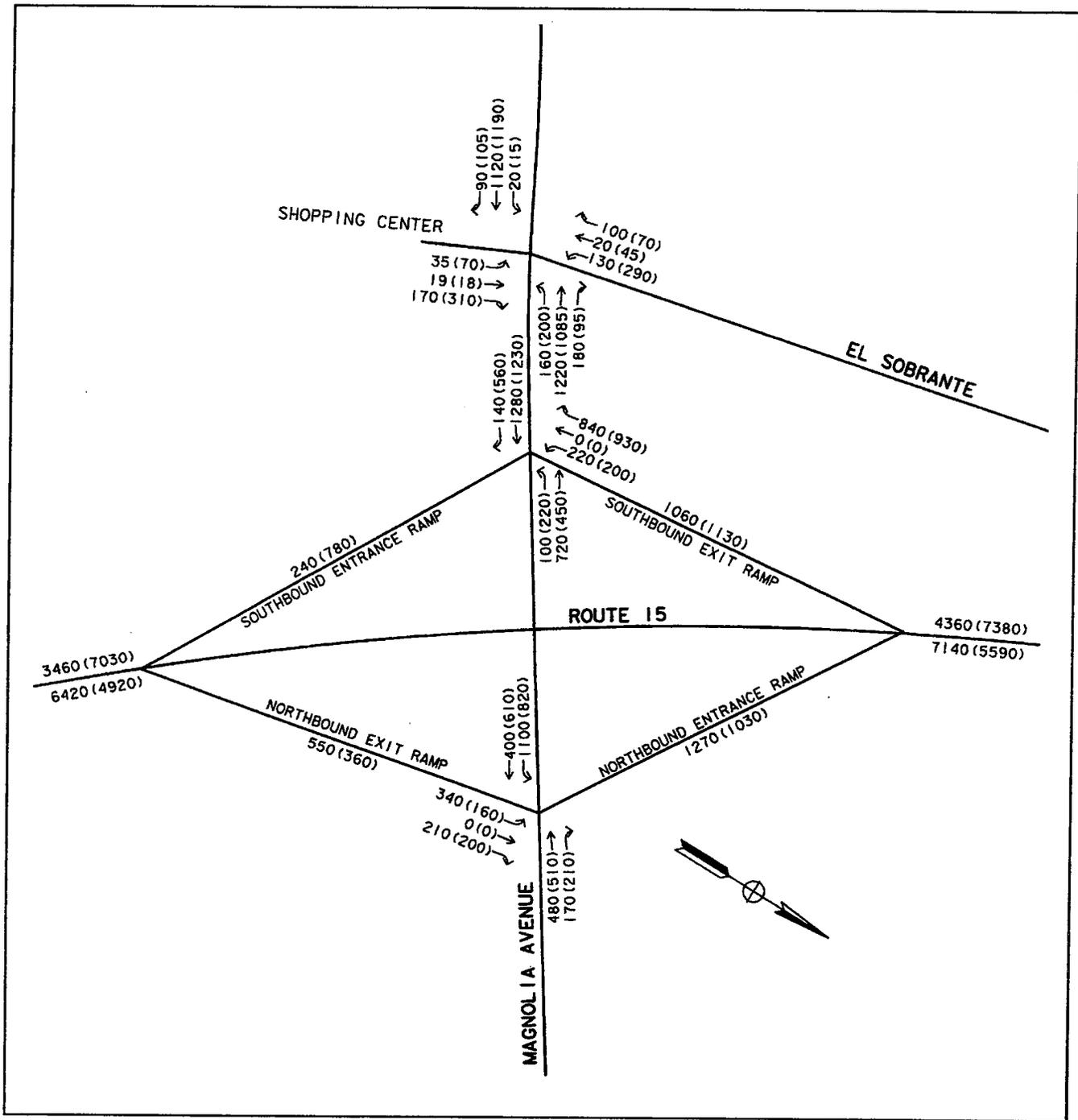
Notes:

1. year 2008 is the anticipated "open to traffic" Year.
2. Truck percentage on I-15 Freeway is based upon Caltrans Traffic Counts at PM 41.5
3. Truck percentage on Magnolia is based upon City of Corona Traffic counts
4. "No build" and "build" traffic volumes are the same. The Project Report completed in 2003 did not show a difference in the volumes for these two conditions.

LEVEL OF SERVICE SUMMARY

Location	LEVEL OF SERVICE (LOS)												
	2001						2025						
	EXISTING			NO BUILD			Alternative 2			Alternative 3			
	AM Peak Period	PM Peak Period	LOS	AM Peak Period	PM Peak Period	LOS	AM Peak Period	PM Peak Period	LOS	AM Peak Period	PM Peak Period	LOS	
V/C, c(f) Delay, or pcpph	V/C, c(f) Delay, or pcpph	LOS	V/C, c(f) Delay, or pcpph	V/C, c(f) Delay, or pcpph	LOS	V/C, c(f) Delay, or pcpph	V/C, c(f) Delay, or pcpph	LOS	V/C, c(f) Delay, or pcpph	V/C, c(f) Delay, or pcpph	LOS		
Magnolia Ave/Northbound Ramp Intersection	12.7	9.9	B	NA	F	NA	NA	F	NA	7.4	B	5.8	B
Magnolia Ave/Southbound Ramp Intersection	31.1	NA	D	NA	F	NA	NA	F	NA	NA	F	NA	F
Magnolia Ave/EI Sobrante Road Intersection	7.7	NA	B	45.7	E	28.2	10.7	B	14.3	10.7	B	14.3	B
NB Exit Ramp / I-15 -- DIVERGE	1955/3010	1553/2307	E/B	2413/3939	F/B	1910/3001	2413/3939	F/B	1910/3001	2413/3939	F/B	1910/3001	E/B
NB Loop Entrance Ramp / I-15 -- MERGE	--	--	--	--	--	--	--	--	--	5101/10848	F/F	3841/8243	F/F
NB Diagonal Entrance Ramp / I-15 -- MERGE	3792/8287	3024/6472	F/F	5410/1196	F/F	4222/8672	4232/11346	F/F	3400/8788	4183/11196	F/F	3361/8672	F/F
SB Entrance Ramp / I-15 -- MERGE	1710/4099	3438/8139	D/B	2208/5036	F/C	4735/10628	2208/5036	F/C	4735/10628	2208/5036	F/C	4735/10628	F/F
SB Exit Ramp / I-15 -- DIVERGE	1075/2044	2017/3460	C/A	1172/2626	C/A	2404/4501	1172/2626	C/A	2404/4501	1172/2626	C/A	2404/4501	F/C
I-15 SB Between Route 91 and Magnolia Ave	0.50	0.87	B	0.66	C	1.13	0.66	C	1.13	0.66	C	1.13	F
I-15 NB Between Route 91 and Magnolia Ave	0.83	0.65	D	1.14	F	0.88	1.14	F	0.88	1.14	F	0.88	E
I-15 NB Between Magnolia Ave and Ontario Ave	0.76	0.58	C	0.99	E	0.75	0.99	C	0.75	0.95	E	0.73	C
I-15 SB Between Magnolia Ave and Ontario Ave	0.42	0.83	B	0.51	B	1.08	0.51	B	1.08	0.51	B	1.08	F

NA Not Attainable  
 V/C Volume/Capacity  
 c(f) Reserve Capacity  
 pcpph Passenger Cars per Hour  
 xxxxx/xxxx Ramp/pcpph Freeway  
 XXX LOS Ramp/LOS Freeway



Legend

555/1265 AM/PM Peak Hour Volumes

**EXISTING TRAFFIC VOLUMES (2001)**  
**MAGNOLIA AVENUE INTERCHANGE**



