Regional Transportation Model Phase II

2030 Model Presentation to the Planning Commission
July 19, 2006

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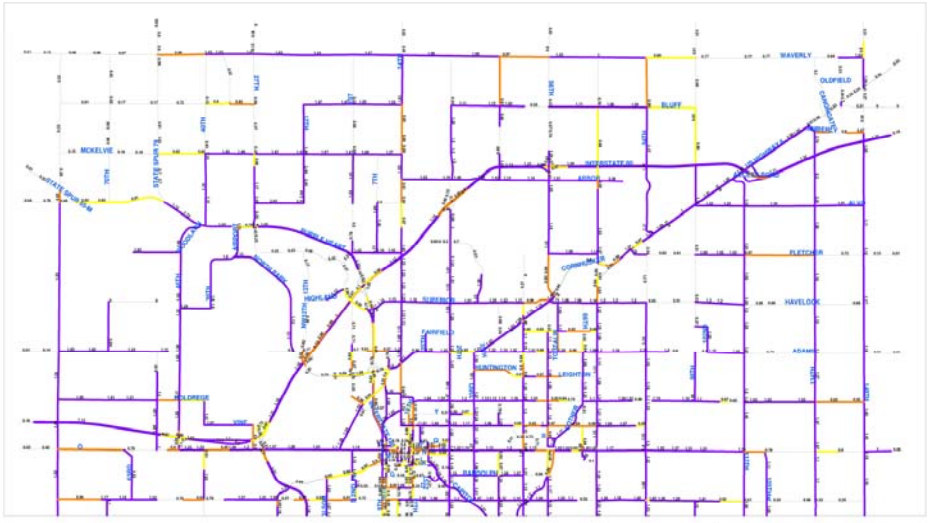
Olsson Associates

Summary

	2004 Calibrated Model		2030 Land Use on 2004 Network		2030 LRTP Alternative Network 12 PCR a	
LOS	**Mileage**	**% Distribution**	**Mileage**	**% Distribution**	**Mileage**	**% Distribution**
A	879.0	78.24	466.6	41.54	820.0	68.29
B	131.4	11.70	90.9	8.09	124.8	10.39
C	45.4	4.04	47.1	4.20	74.8	6.23
D	24.2	2.16	60.2	5.36	72.7	6.05
E	20.0	1.78	62.0	5.52	45.9	3.82
F	23.4	2.09	396.6	35.30	62.6	5.21
Total	**1,123.4**	**100.00**	**1,123.4**	**100.00**	**1,200.7**	100.00
FUNCLASS	**VMT**	**VHT**	**VMT**	**VHT**	**VMT**	**VHT**
Collector	142,482	5,313	379,340	23,025	182,598	6,734
Interstate/freeway	770,415	12,105	1,461,092	53,501	2,327,872	41,811
Major Arterial	739,133	17,909	1,336,097	47,706	2,097,039	50,450
Major Collector County	113,908	2,097	537,771	12,889	156,293	2,915
Major Collector State	20,016	364	78,453	1,775	36,995	673
Minor Arterial	2,083,068	58,723	4,192,691	200,791	3,286,243	91,415
Minor Collector	9,455	191	42,721	1,523	32,862	661
Others	57,029	1,161	291,187	180,238	109,950	2,528
Principal Arterial (Div)	860,717	19,556	1,516,147	51,435	1,161,473	28,832
Ramps	69,717	2,168	112,198	4,344	139,850	4,516
Total	**4,865,940**	**119,587**	**9,947,697**	**577,227**	**9,531,175**	**230,535**
	Number of Veh. Trips	Ave. Trip Time (min)	Number of Veh. Trips	Ave. Trip Time (min)	Number of Veh. Trips	Ave. Trip Time (min)
	906,526	7.9	1,430,109	24.2	1,430,109	9.7

2030 No-Build Scenario



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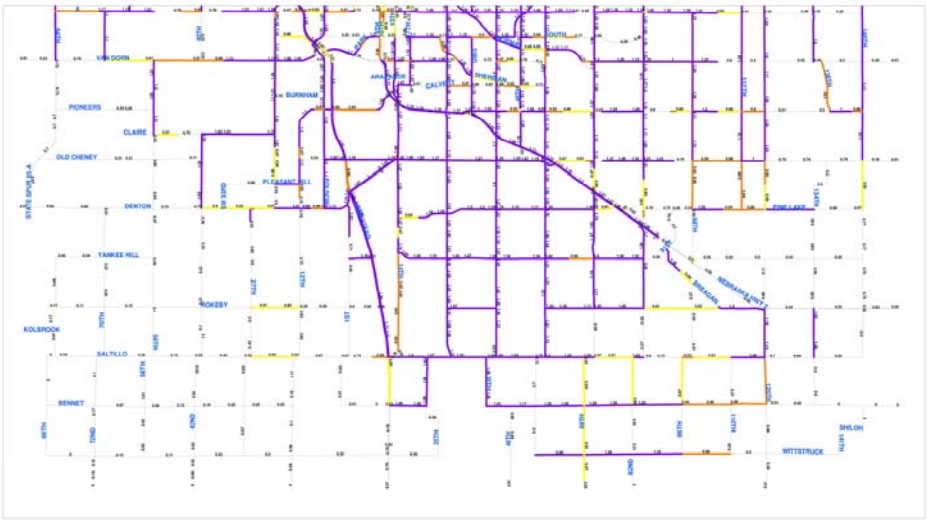
2030 No-Build Scenario



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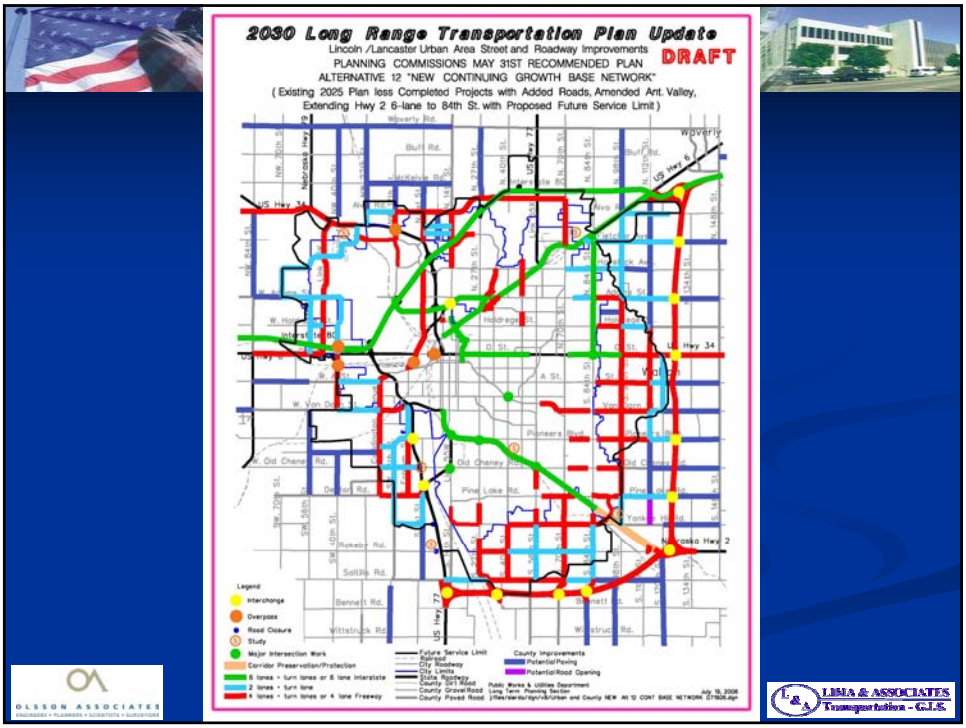
2030 Long Range Transportation Plan Update
Lincoln /Lancaster Urban Area Street and Roadway Improvements
PLANNING COMMISSIONS MAY 31ST RECOMMENDED PLAN
ALTERNATIVE 12 "NEW CONTINUING GROWTH BASE NETWORK"
(Existing 2025 Plan less Completed Projects with Added Roads, Amended Ant. Valley, Extending Hwy 2 6-lane to 84th St. with Proposed Future Service Limit)
DRAFT
Legend
Interchange
Overpass
Road Closure
Study
Major Intersection Work
Corridor Preservation/Protection
6 lanes - turn lanes or 6 lane Interstate
2 lanes - turn lane
4 lanes - turn lanes or 4 lane Freeway
Future Service Limit
Railroad
City Roadway
City Limits
State Roadway
County Dirt Road
County Gravel Road
County Paved Road
County Improvements
Potential Paving
Potential Road Opening
Public Works & Utilities Department
Long Term Planning Section
July 15, 2006
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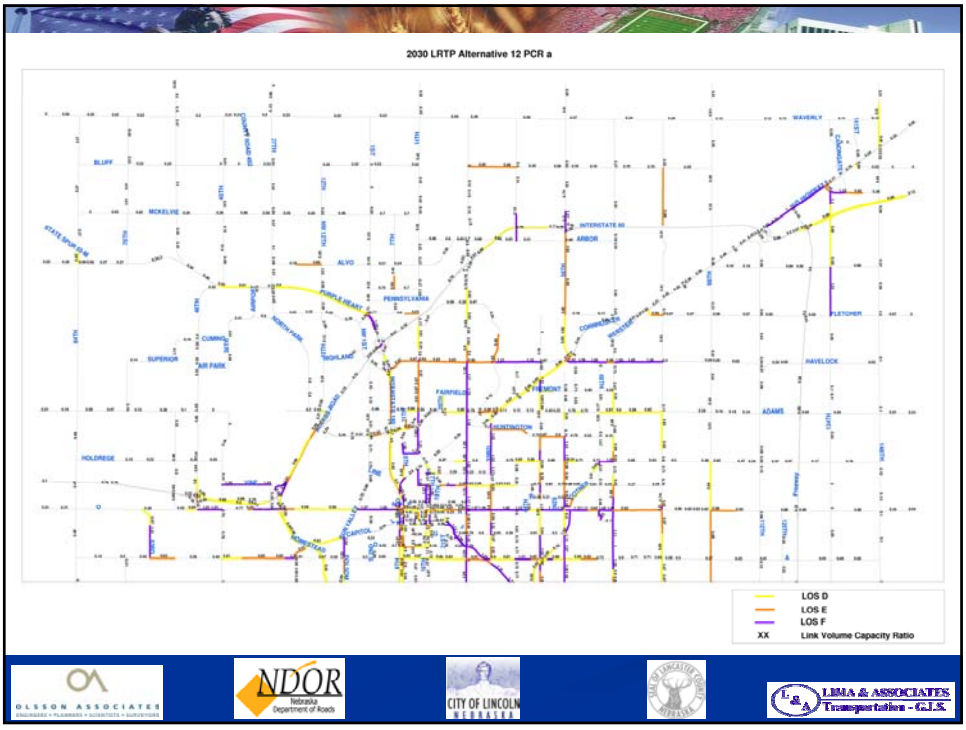
2030 LRTP Alternative 12 PCR a
LOS D
LOS E
LOS F
XX Link Volume Capacity Ratio
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