

APPENDIX I-F

REGIONAL ROUTES IN LEMOORE
(See Figure 4-6 for Urban Functional Classifications)

Bush Street
Cinnamon Drive
E. "D" Street
Hanford Armona Road
18th /Lemoore Avenue
19th Avenue

BUSH STREET

From: SR 41
To: E. "D" Street
Survey Date: 9/03

| SEGMENT: Segment Length: | SR 41 to 19th Ave. .5 mi. | 19th Ave. to Olive St. .4 mi. | Olive St. to 18th Ave. .6 mi. | 18th Ave. to E. "D" St. .75 mi. |
|------------------------------------|--|--|--|--|
| <u>ROAD CONDITIONS</u> | | | | |
| Lanes/Lane Width | 2/11' left turn lanes | 4/12' | 4/10' | 2/11-12' |
| Paved Shoulder Width | 0-10' | 9'/Parking | 8'/Parking | 0-9'/Parking |
| Pavement Distress | None | None | None | None |
| Type | | | | |
| Extent: % of Roadway | | | | |
| Severity | | | | |
| Striping/Reflector Condition | | | | |
| Center | Good | Good | Good | Good |
| Sides | Good | Good | Good | None |
| Other | | | | |
| <u>TRAFFIC FACTORS*</u> | | | | |
| Average Daily Travel | | | | |
| Year 2000 | (98) 2,800 | (91) 6,498 | (91) 7,473 | (94) 1,720 |
| Year 2035 | 17,592 | 8,097 | 11,085 | 7,083 |
| % Trucks in ADT | 2% | < 10% | < 10% | 2% |
| Present Service Level | C | C | C | C |
| Present Peak Hour Volume | 295 | 206 | 315 | 238 |
| Peak Hour Capacity | 1,450 | 2,672 | 2,672 | 1,450 |
| Hour Volume/Hour Capacity | .20 | .08 | .12 | .16 |

Source: City of Lemoore; KCAG

* See discussion under "Inventory of Countywide Regional Routes."

BUSH STREET

SYSTEM CONTINUITY (Highway Sphere of Influence): Bush Street joins SR 41 with Houston Avenue (West "D" Street) and so carries commercial as well as residential traffic.

DISCUSSION:

With respect to traffic service, Bush Street adequately serves its demands. Continue regular maintenance program.

| CANDIDATE IMPROVEMENTS | | |
|-----------------------------|--------|----------------|
| Description | Timing | Cost (\$1,000) |
| Overlay: | | |
| From 19 ½ Ave. to 19th Ave. | 2019 | \$125 |
| From Lemoore Ave. to D St. | 2028 | \$165 |

CINNAMON DRIVE

From: SR 41
To: Fox Street
Survey Date: 9/03

| SEGMENT: Segment Length: | SR 41 to Liberty Dr. .5 mi. | Liberty Dr. to Hill St. 1 mi. | Hill St. to Fox St. .1 mi. |
|------------------------------------|--|--|---|
| <u>ROAD CONDITIONS</u> | | | |
| Lanes/Lane Width | 2/12' | 2/12' | 2/12' |
| Paved Shoulder Width | 1-3' | 1-2' | 1-2' |
| Pavement Distress | | | |
| Type | Base Failures | Base Failures | Base Failures |
| Extent: % of Roadway | < 50% | < 50% | <25% |
| Severity | Extreme | Moderate | Moderate |
| Striping/Reflector Condition | | | |
| Center | Fair | Good | Good |
| Sides | Fair | Fair | Good |
| Other | | | |
| <u>TRAFFIC FACTORS*</u> | | | |
| Average Daily Travel | | | |
| Year 1994 | (97) 2,461 | (92) 3,527 | 2,160 |
| Year 2035 | 7,117 | 6,686 | 5,894 |
| % Trucks in ADT | 4% | 6% | 4% |
| Present Service Level | B | B | B |
| Present Peak Hour Volume | 288 | 238 | 351 |
| Peak Hour Capacity | 2,100 | 2,060 | 2,100 |
| Hour Volume/Hour Capacity | .12 | .12 | .17 |

Source: City of Lemoore; KCAG

* See discussion under "Inventory of Countywide Regional Routes."

CINNAMON DRIVE - Cont'd.

From: Fox Street
To: Hanford Armona Road
Survey Date: 9/03

| SEGMENT: Segment Length: | Fox St. to Lemoore Ave. .45 mi. | Lemoore Ave. to Carla Dr. .5 mi. | Carla Dr. to Hanford Armona Rd. .4 mi. |
|------------------------------------|--|---|---|
| <u>ROAD CONDITIONS</u> | | | |
| Lanes/Lane Width | 2/12' | 2/12' | 2/12' |
| Paved Shoulder Width | 1-2' | 1-2' | Parking |
| Pavement Distress | | | |
| Type | Base Failures | None | Base Failures |
| Extent: % of Roadway | < 50% | | 75% |
| Severity | Moderate | | Extreme |
| Striping/Reflector Condition | | | |
| Center | Fair | Fair | Fair |
| Sides | None | None | None |
| Other | | | |
| <u>TRAFFIC FACTORS*</u> | | | |
| Average Daily Travel | | | |
| Year 1994 | 2,375 | (98) 1,432 | (92) 1,787 |
| Year 2035 | 4,385 | 3,898 | 2,880 |
| % Trucks in ADT | 4% | 6% | 1% |
| Present Service Level | A | A | A |
| Present Peak Hour Volume | 222 | 160 | 178 |
| Peak Hour Capacity | 1,816 | 1,920 | 2,060 |
| Hour Volume/Hour Capacity | .12 | .08 | .09 |

Source: City of Lemoore; KCAG

* See discussion under "Inventory of Countywide Regional Routes."

CINNAMON DRIVE

SYSTEM CONTINUITY (Highway Sphere of Influence): Cinnamon Drive links 18th Avenue with State Route 41, and primarily serves residential and industrial traffic. This road was formerly named "Hume Avenue" between Lemoore Avenue and SR 41.

DISCUSSION:

This is the main east-west truck route serving Lemoore's industrial district. Efforts are needed to repair damaged areas of Cinnamon Drive in order to extend the life of this important thoroughfare. City staff anticipates increases in truck use over this road, especially by oversize trucks.

| CANDIDATE IMPROVEMENTS | | |
|--|--------|----------------|
| Description | Timing | Cost (\$1,000) |
| AC Overlay: Basil St. to Daphne Ln. | 2021 | \$120 |

EAST "D" STREET

From: 18th Avenue
To: 17th Avenue
Survey Date: 9/03

| SEGMENT: Segment Length: | Lemoore Ave. to Smith Ave. .3 mi. | Smith Ave. to 17th Ave. .8 mi. |
|------------------------------------|--|---|
| <u>ROAD CONDITIONS</u> | | |
| Lanes/Lane Width | 4/11' left turn lanes | 2/12' |
| Paved Shoulder Width | 9'/Parking | 4' |
| Pavement Distress | None | None |
| Type | | |
| Extent: % of Roadway | | |
| Severity | | |
| Striping/Reflector Condition | | |
| Center | Good | Good |
| Sides | Good | Good |
| Other | | |
| <u>TRAFFIC FACTORS*</u> | | |
| Average Daily Travel | | |
| Year 1996 | 5,790 | (11) 2,344 |
| Year 2010 | 7,789 | 10,427 |
| % Trucks in ADT | < 10% | 31% |
| Present Service Level | B | C |
| Present Peak Hour Volume | 549 | 567 |
| Peak Hour Capacity | 1,900 | 1,843 |
| Hour Volume/Hour Capacity | .29 | .30 |

Source: City of Lemoore; KCAG

* See discussion under "Inventory of Countywide Regional Routes."

EAST "D" STREET

SYSTEM CONTINUITY (Highway Sphere of Influence): East "D" Street channels automobile traffic between Lemoore's downtown retail area and Houston Avenue and SR 198. This road serves as the main westbound freeway exit from SR 198 to downtown Lemoore and is a designated truck route to E. Bush Street.

DISCUSSION:

With respect to traffic service, East "D" Street adequately serves its demands. Continue regular maintenance program.

| CANDIDATE IMPROVEMENTS | | |
|---|---------------|-----------------------|
| Description | Timing | Cost (\$1,000) |
| AC Overlay: From Lemoore Ave. to Smith St. | 2026 | \$50 |

HANFORD-ARMONA ROAD

From: SR 41
To: 17th Avenue
Survey Date: 9/03

| SEGMENT: Segment Length: | SR 41 to 19th Ave. .5 mi. | 19th Ave. to 18th Ave. 1 mi. | 18th Ave. to 17th Ave. 1 mi. |
|------------------------------------|--|---|---|
| <u>ROAD CONDITIONS</u> | | | |
| Lanes/Lane Width | 4/12' | 4/12' | 4/12' |
| Paved Shoulder Width | 0-2' | 0-2' | 6' |
| Pavement Distress | Fatigue | Fatigue | Fatigue |
| Type | Cracking | Cracking | Cracking |
| Extent: % of Roadway | < 10% | < 25% | < 10% |
| Severity | Slight | Slight | Slight |
| Striping/Reflector Condition | | | |
| Center | Good | Good | Good |
| Sides | Fair | Good | Good |
| Other | | | |
| <u>TRAFFIC FACTORS*</u> | | | |
| Average Daily Travel | | | |
| Year 1995 | 7,982 | 7,982 | (91) 4,437 |
| Year 2020 | 16,497 | 11,855 | 10,229 |
| % Trucks in ADT | 2% | 2% | 10% |
| Present Service Level | B | B | B |
| Present Peak Hour Volume | 442 | 442 | 424 |
| Peak Hour Capacity | 1,860 | 1,860 | 1,672 |
| Hour Volume/Hour Capacity | .24 | .24 | .25 |

Source: City of Lemoore; KCAG

* See discussion under "Inventory of Countywide Regional Routes."

HANFORD ARMONA ROAD

SYSTEM CONTINUITY (Highway Sphere of Influence): Hanford Armona Road is generally a county-maintained collector linking Hanford, Armona and Lemoore. In the Lemoore urban area, this road serves residential and commercial traffic.

DISCUSSION:

At present, this road adequately serves its demands. As Lemoore continues to grow, this road has become a major east-west arterial and was widened to four lanes to accommodate traffic for new commercial and residential development. Continue regular maintenance program.

| CANDIDATE IMPROVEMENTS | | |
|----------------------------------|--------|----------------|
| Description | Timing | Cost (\$1,000) |
| Overlay: | | |
| From Lemoore Ave. to Liberty Dr. | 2030 | \$200 |
| From Liberty Dr. to 19th Ave. | 2031 | \$175 |
| From 19th Ave. to SR 41 | 2032 | \$200 |

18TH / LEMOORE AVENUE

From: SR 198
To: Glendale
Survey Date: 5/04

| SEGMENT: Segment Length: | SR 198 to Bush St. .5 mi. | Bush St. to UPRR Xing .4 mi. | UPRR Xing to Club Dr. .5 mi. | Club Dr. to Glendale Ave. .6 mi. |
|------------------------------------|--|---|---|---|
| <u>ROAD CONDITIONS</u> | | | | |
| Lanes/Lane Width | 4/12' | 4/10' | 4/12' left turn lanes | 4/12' |
| Paved Shoulder Width | 8' | 8'/Parking | 0-8' | 8'/Parking |
| Pavement Distress | None | | None | None |
| Type | | Cracking | | |
| Extent: % of Roadway | | < 10% | | |
| Severity | | Slight | | |
| Striping/Reflector Condition | | | | |
| Center | Good | Fair | Good | Good |
| Sides | Good | Good | Good | Good |
| Other | | | | |
| <u>TRAFFIC FACTORS*</u> | | | | |
| Average Daily Travel | | | | |
| Year 1991 | 6,632 | (95) 8,465 | 12,400 | (92) 11,383 |
| Year 2035 | 23,820 | 15,642 | 15,939 | 7,495 |
| % Trucks in ADT | 10% | 3% | 10% | 5% |
| Present Service Level | B | B | B | B |
| Present Peak Hour Volume | 326 | 408 | 124 | 316 |
| Peak Hour Capacity | 2,470 | 2,470 | 2,940 | 2,470 |
| Hour Volume/Hour Capacity | .13 | .17 | .04 | .13 |

Source: City of Lemoore; KCAG

* See discussion under "Inventory of Countywide Regional Routes."

18TH/LEMOORE AVENUE

SYSTEM CONTINUITY (Highway Sphere of Influence): 18th Avenue is Lemoore's principal arterial. It channels traffic into the city from SR 198 and Lacey Boulevard, and carries both automobile and truck traffic between Lemoore's high-use destinations.

DISCUSSION:

With respect to traffic service, 18th Ave. adequately serves its demands. Continue regular maintenance program.

| CANDIDATE IMPROVEMENTS | | |
|-------------------------------|---------------|-----------------------|
| Description | Timing | Cost (\$1,000) |
| Overlay: | | |
| From SR 198 to Bush St. | 2034 | \$200 |
| From UPRR to Cinnamon Dr. | 2035 | \$200 |

19TH AVENUE

From: SR 198
To: D Street
Survey Date: 9/03

| SEGMENT: Segment Length: | SR 198 to Cedar Ln. .4 mi. | Cedar Ln. to Bush Ave. .3 mi. | Bush Ave. to "D" St. .2 mi. |
|--------------------------------|----------------------------------|-------------------------------------|-----------------------------------|
| <u>ROAD CONDITIONS</u> | | | |
| Lanes/Lane Width | 2/11-12' | 2/12' | 2/9-10' |
| Paved Shoulder Width | 0-12'/Parking | 8'/Parking | 0' |
| Pavement Distress | Fatigue | Fatigue | None |
| Type | Cracking | Cracking | |
| Extent: % of Roadway | < 25% | < 10% | |
| Severity | Moderate | Slight | |
| Striping/Reflector Condition | | | |
| Center | Good | Good | Good |
| Sides | None | None | None |
| Other | | | |
| <u>TRAFFIC FACTORS*</u> | | | |
| Average Daily Travel | | | |
| Year 1992 | 2,829 | (98) 4,827 | 3,282 |
| Year 2035 | 9,099 | 6,843 | 7,579 |
| % Trucks in ADT | < 10% | 4% | < 10% |
| Present Service Level | A | A | A |
| Present Peak Hour Volume | 177 | 347 | 162 |
| Peak Hour Capacity | 1,786 | 1,980 | 1,425 |
| Hour Volume/Hour Capacity | .10 | .18 | .11 |

Source: City of Lemoore; KCAG

* See discussion under "Inventory of Countywide Regional Routes."

19TH AVENUE - Cont'd.

From: D Street
 To: Hanford Armona Road
 Survey Date: 9/03

| SEGMENT: Segment Length: | D St. to Cinnamon Dr. .3 mi. | Cinnamon Dr. to Hanford Armona Rd. .5 mi. |
|------------------------------|------------------------------------|---|
| <u>ROAD CONDITIONS</u> | | |
| Lanes/Lane Width | 2/12' | 2/12' |
| Paved Shoulder Width | 0' | 0' |
| Pavement Distress | None | None |
| Type | | |
| Extent: % of Roadway | | |
| Severity | | |
| Striping/Reflector Condition | | |
| Center | Good | Good |
| Sides | None | None |
| Other | | |
| <u>TRAFFIC FACTORS*</u> | | |
| Average Daily Travel | | |
| Year 1992 | 2,570 | (15) 3,535 |
| Year 2035 | 7,678 | 4,255 |
| % Trucks in ADT | < 10% | 5% |
| Present Service Level | A | A |
| Present Peak Hour Volume | 123 | 331 |
| Peak Hour Capacity | 1,670 | 1,670 |
| Hour Volume/Hour Capacity | .07 | .08 |

Source: City of Lemoore; KCAG

* See discussion under "Inventory of Countywide Regional Routes."

19TH AVENUE

SYSTEM CONTINUITY (Highway Sphere of Influence): 19th Avenue is emerging as a major arterial in Lemoore. It serves a rapidly developing residential area south of Bush Street. New development along 19th Avenue including a highway commercial area, a regional shopping center, a large industrial area, and the Lemoore Campus of the West Hills Junior College has increased the amount of traffic on this facility. With plans for an interchange at SR 198, 19th Avenue may become Lemoore’s major access point for the southwestern part of the city.

DISCUSSION:

With respect to traffic service, 19th Ave. adequately serves its demands. Construction of an interchange at SR 198 was completed in 2015. Continue regular maintenance program.

| CANDIDATE IMPROVEMENTS | | |
|--|---------------|-----------------------|
| Description | Timing | Cost (\$1,000) |
| Overlay: From Bush St. to Cedar Ln. | 2018 | \$100 |