

**THOROUGHFARE PLAN LEGEND**

- (PBD) PRINCIPAL 6 LANE DIVIDED (120' R.O.W.)
- (PAD) MINOR ARTERIAL 4 LANE (80' R.O.W.)
- (ASU) MINOR ARTERIAL/COMM. COLLECTOR 5 LANE (80' R.O.W.)
- (CAL) COMMERCIAL COLLECTOR 4 LANE (70' R.O.W.)
- (CSU) RESIDENTIAL COLLECTOR (80' R.O.W.)
- CITY COLLECTOR ROAD
- FUTURE ROADWAY EXTENSION
- APPROX. CITY LIMIT LINE

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\* LANE AND WIDTHS SHOWN FOR ALL OTHER ROADS AND LOCAL ROADS (80' R.O.W.)



# CITY OF LAVON THOROUGHFARE SYSTEM MAP

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ADAMS ENGINEERING, INC.  
 10000 W. 10TH STREET, SUITE 100  
 FORT WORTH, TEXAS 76132  
 TEL: 817.335.7777 FAX: 817.335.7778



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## City of Lavon Roadway Classification

### **Principal Arterials 120' R.O.W. (P6D) –**

This six-lane divided section is intended to carry as many as 45-50,000 vehicles per day. They serve through traffic and are designed to operate at relatively high speeds between 40 and 50 miles per hour. Access should be limited and median openings should be at least 600 feet apart. Wider parkways may be desirable to provide for hike and bike trails. Right of way should be flared to 130 feet at intersections with other arterial streets to allow for dual left turn lanes.

### **Minor Arterials 90' R.O.W. (P4D) –**

This four-lane divided section is intended to can carry between 25-30,000 vehicles per day. They serve through and local traffic and are designed to operate at moderate speeds between 35 and 45 miles per hour. Access should be some what limited with median openings at least 450 feet apart. Right of way should be flared to 100 feet at intersections with other arterial streets to allow for dual left turn lanes.

### **Minor Arterial / Commercial Collectors 90' R.O.W. (P5U) –**

This five-lane undivided section is similar to the Minor Arterial except with more local property access. Should be used where adequate access to business drives and city streets cannot be provided with a divided roadway.

### **Commercial Collectors 70' R.O.W. (C4U) –**

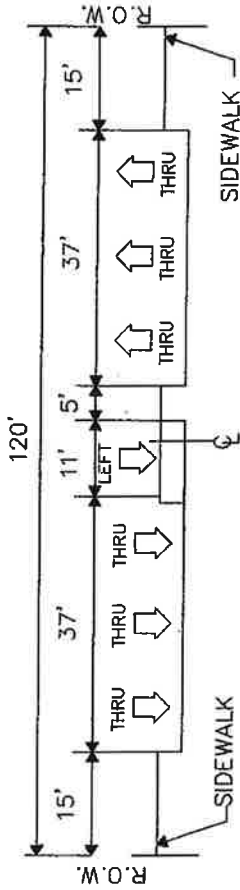
This four-lane undivided section is intended to serve commercial areas with numerous driveways. Commercial Collectors should not be used in areas that are expected to carry high volumes of through traffic as left turn conflicts will cause significant operational problems.

### **Residential Collectors 60' R.O.W. (C2U) –**

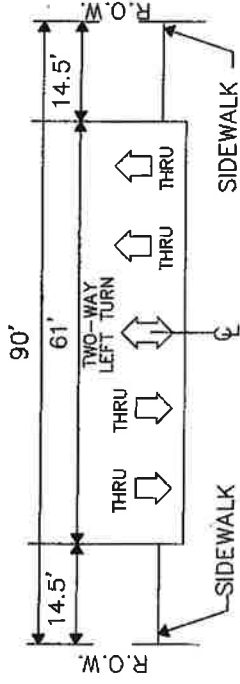
This two-lane undivided section is intended to serve residential areas. They collect traffic from local streets and connect to Arterials. The section can be striped for two through lanes with parking on allowed on both sides or as a three lane sections if frequent intersections generate significant left turn volumes.

Exhibit B

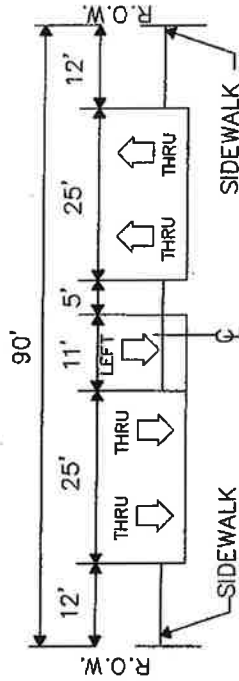
**PRINCIPAL ARTERIAL - P6D**



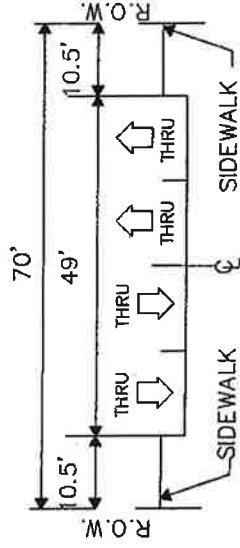
**MINOR ARTERIAL/COMMERCIAL COLLECTOR - P5U**



**MINOR ARTERIAL - P4D**



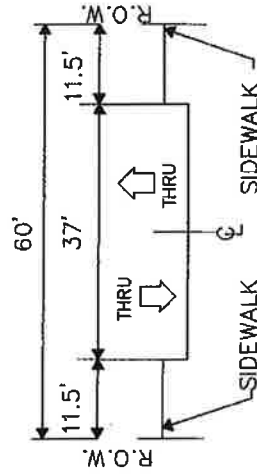
**COMMERCIAL COLLECTOR - C4U**



NOTE:

ALL DIMENSIONS SHOWN ARE MEASURED BACK-OF-CURB TO BACK-OF-CURB.

**RESIDENTIAL COLLECTOR - C2U**



# CITY OF LAVON RECOMMENDED STANDARD ROADWAY CROSS SECTIONS

\* SEE NCTCOG "THOROUGHFARE PLANNING AND DESIGN GUIDELINES" FOR GEOMETRIC DESIGN GUIDELINES.



City of Lavon Engineering