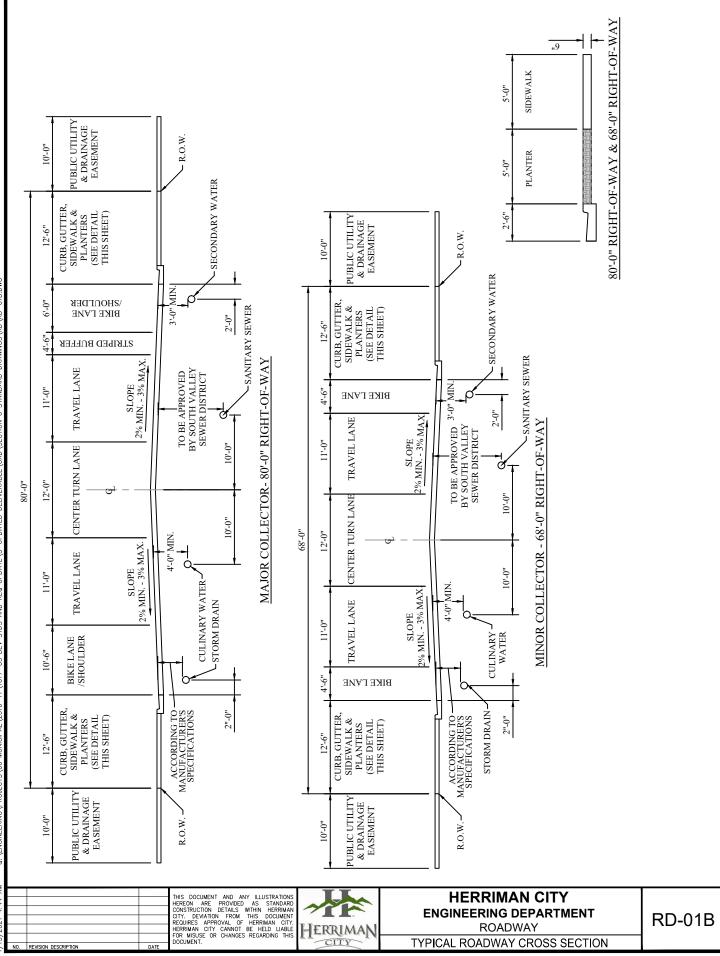
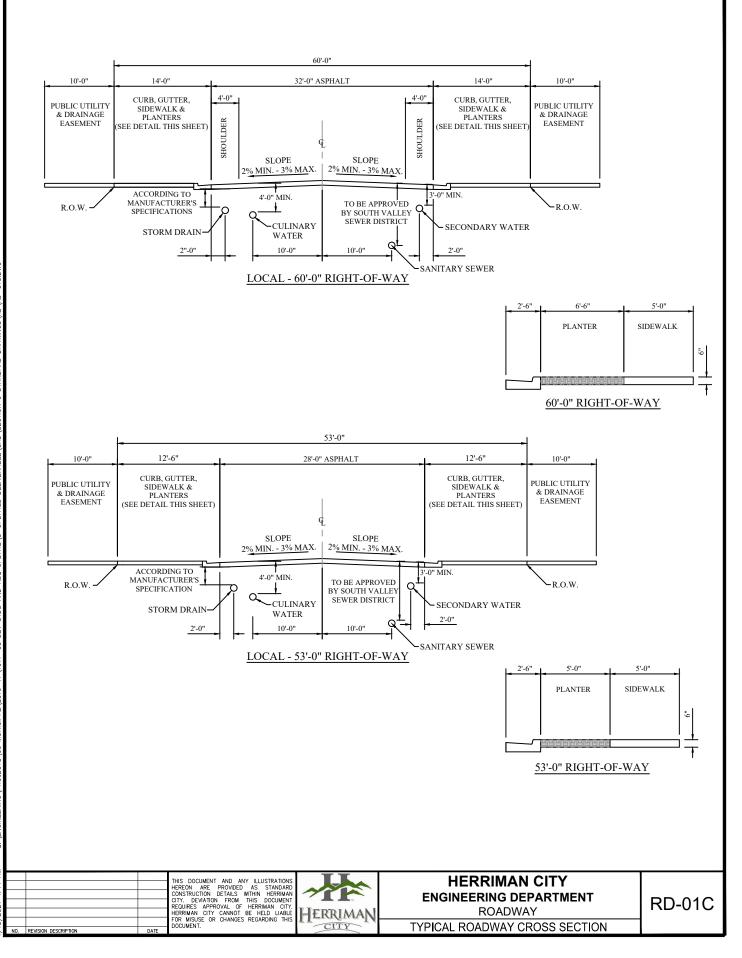


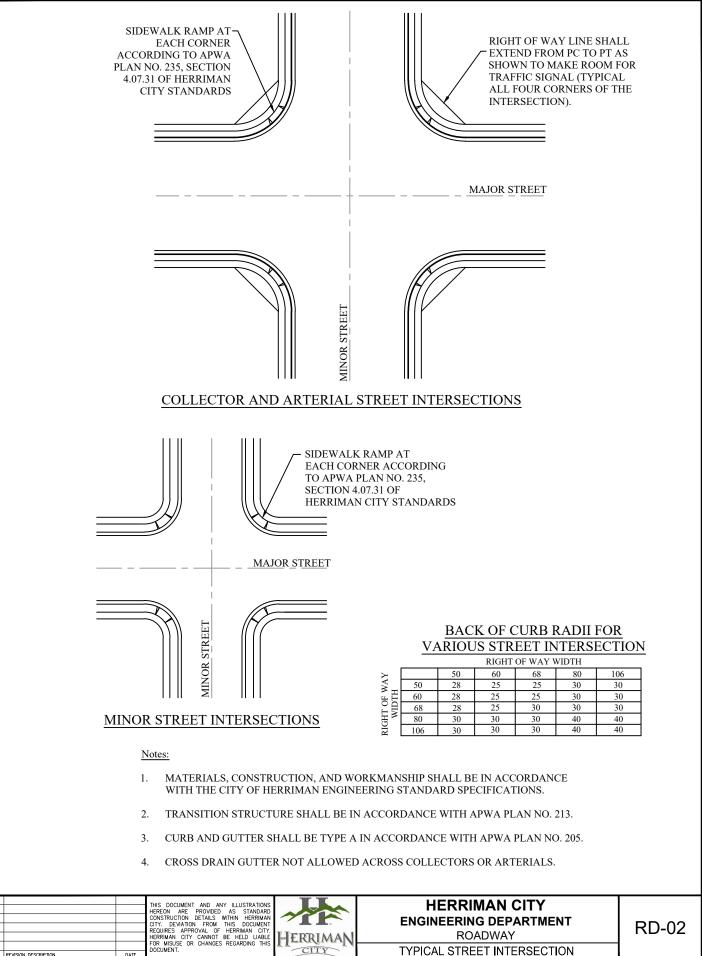
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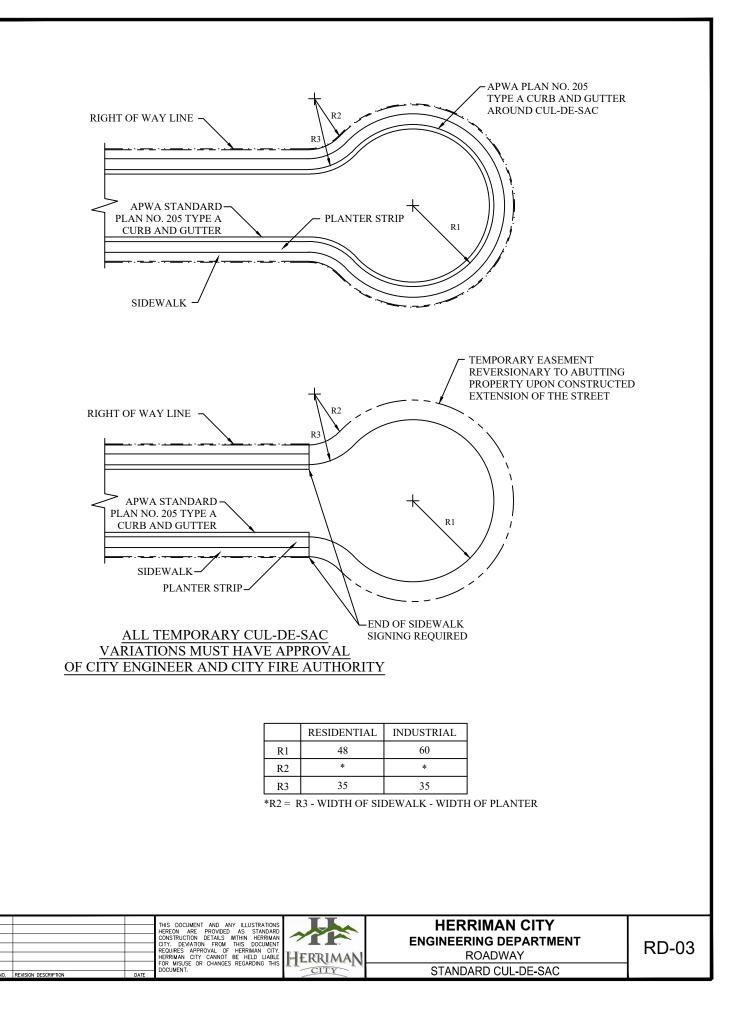
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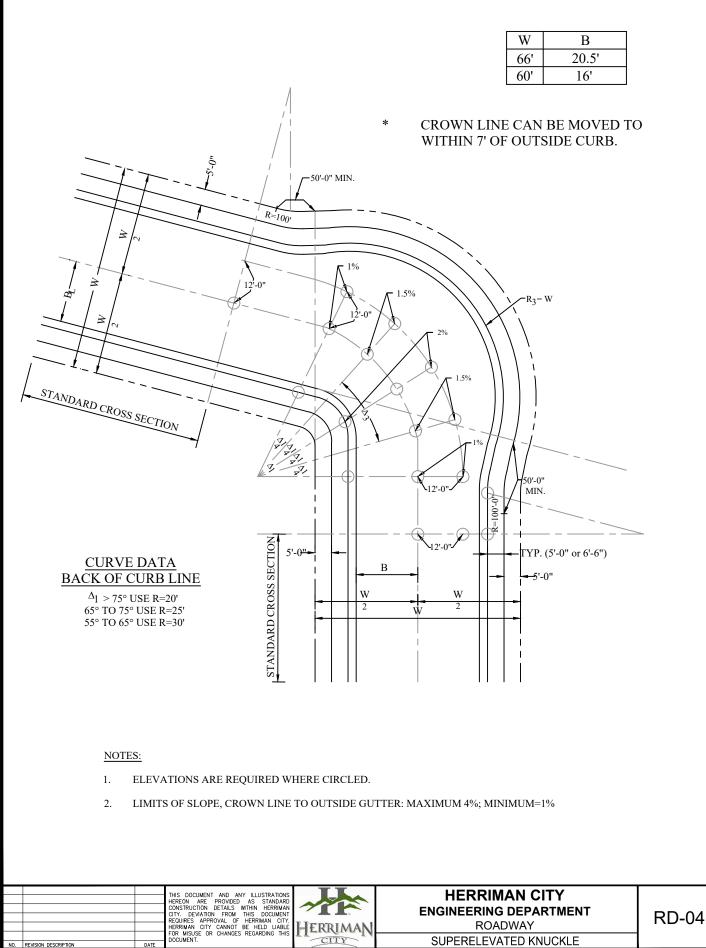
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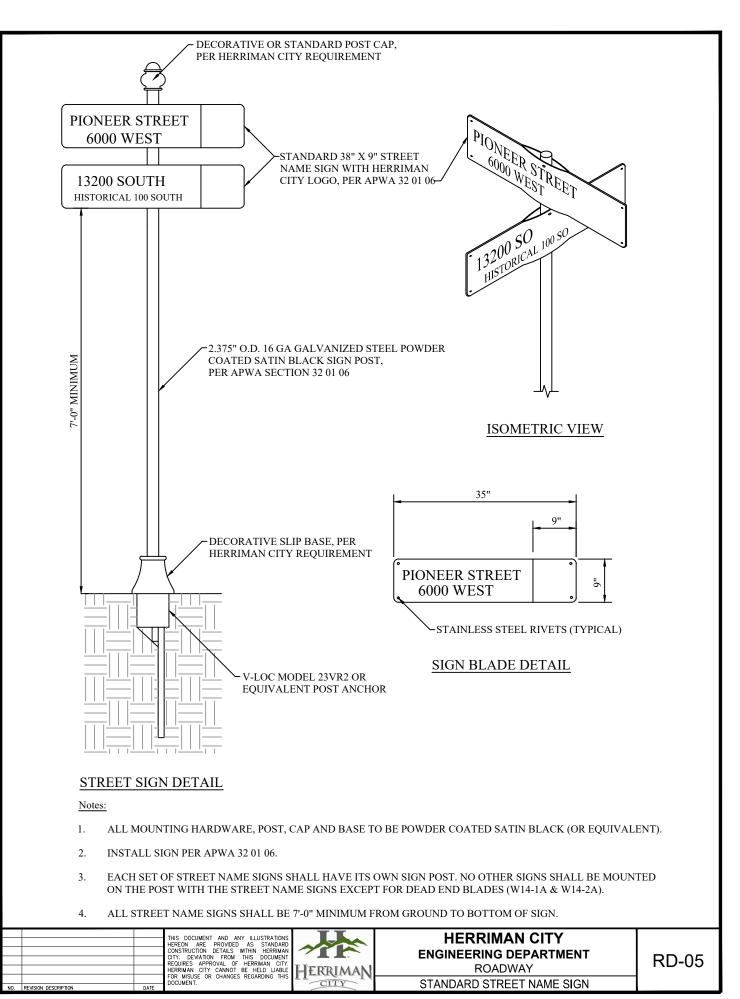
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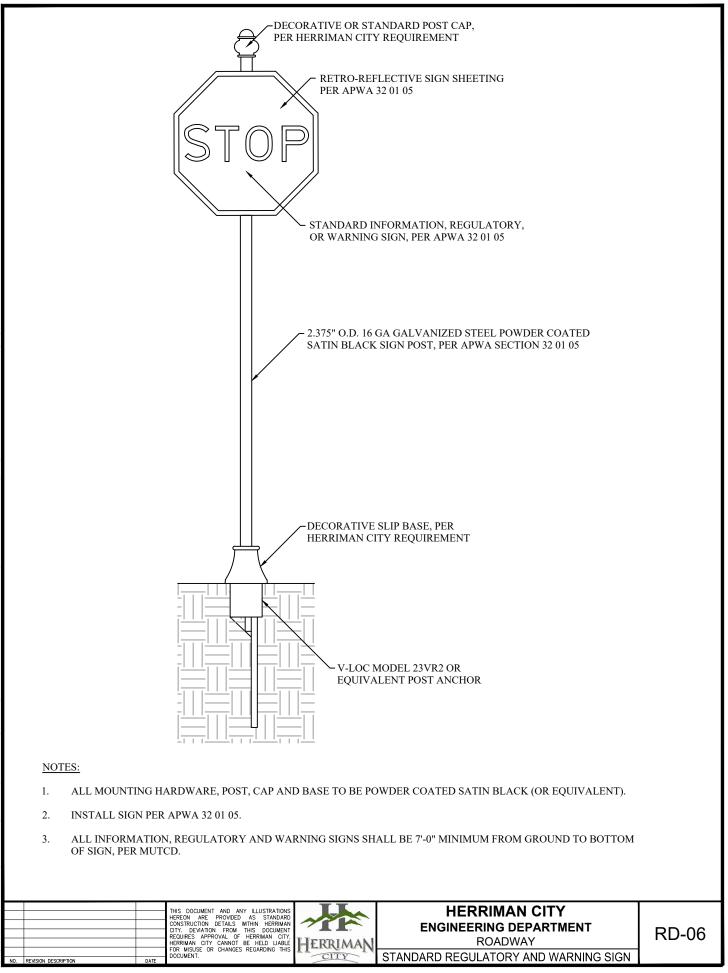
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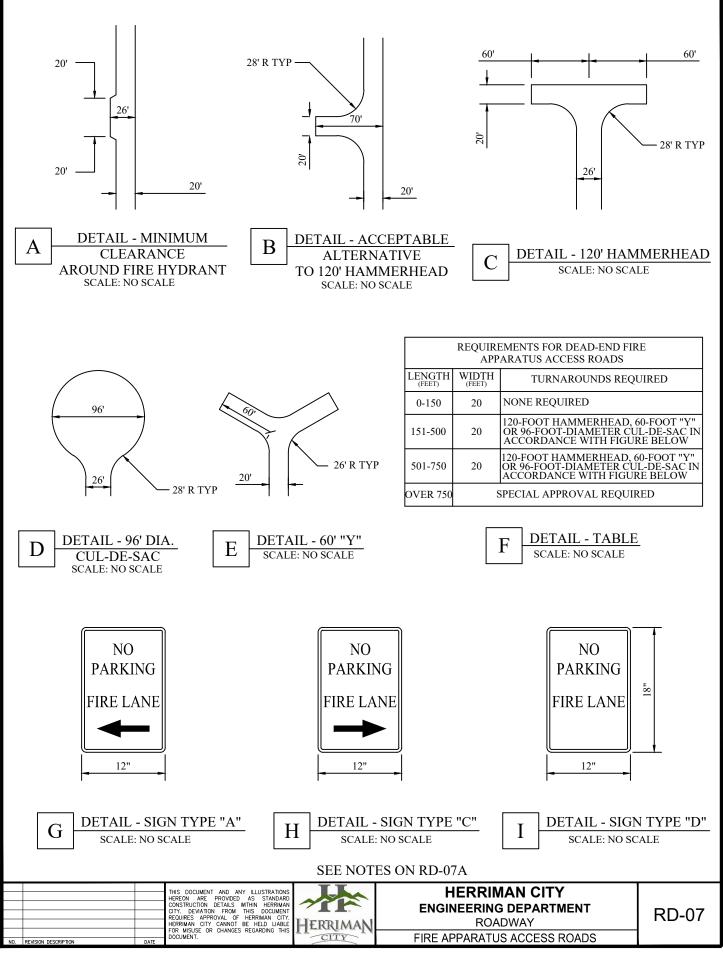






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## NOTES:

- 1. FIRE APPARATUS ACCESS ROADS SHALL BE IN ACCORDANCE WITH THIS DETAIL AND ALL OTHER APPLICABLE REQUIREMENTS OF THE INTERNATIONAL FIRE CODE.
- 2. ACCESS AND LOADING. FACILITIES, BUILDINGS OR PORTIONS OF BUILDINGS HEREAFTER CONSTRUCTED SHALL BE ACCESSIBLE TO FIRE DEPARTMENT APPARATUS BY THE WAY OF AN APPROVED ALL-WEATHER MAINTAINABLE ACCESS ROAD WITH ASPHALT, OR CONCRETE CAPABLE OF SUPPORTING THE IMPOSED LOAD OF FIRE APPARATUS WEIGHING AT LEAST 75,000 POUNDS. ACCESS ROADS SHALL HAVE A MINIMUM CLEAR WIDTH OF 20 FEET AND A MINIMUM CLEAR HEIGHT OF 13 FEET 6 INCHES.
- 3. ACCESS ROAD WIDTH WITH A HYDRANT. WHERE A FIRE HYDRANT IS LOCATED ON A FIRE APPARATUS ACCESS ROAD, THE MINIMUM ROAD WIDTH SHALL BE 26 FEET.
- 4. GRADE. FIRE APPARATUS ACCESS ROADS SHALL NOT EXCEED 10% IN GRADE. EXCEPTION: GRADES STEEPER THAN 10% AS APPROVED BY FIRE CODE OFFICIAL.
- 5. TURNING RADIUS. THE MINIMUM TURNING RADIUS SHALL BE 28 FOOT INSIDE DIAMETER AND 48 FOOT OUTSIDE DIAMETER FOR FIRE APPARATUS ACCESS ROADS.
- 6. DEAD ENDS. DEAD END FIRE APPARATUS ACCESS ROADS IN EXCESS OF 150 FEET SHALL BE PROVIDED WITH WIDTH AND TURNAROUND PROVISIONS IN ACCORDANCE WITH TABLE DETAIL F.
- 7. BRIDGES AND ELEVATED SURFACES. BRIDGES AND ELEVATED SURFACES MUST BE CONSTRUCTED AND MAINTAINED IN ACCORDANCE WITH AASHTO STANDARD SPECIFICATION FOR HIGHWAY BRIDGES AND DESIGNED TO CARRY THE LOADS OF FIRE APPARATUS (75,000 POUNDS).
- 8. WHERE TWO ACCESS POINTS ARE REQUIRED, THEY SHALL BE PLACED A DISTANCE APART EQUAL TO NOT LESS THAN ONE HALF OF THE LENGTH OF THE MAXIMUM OVERALL DIMENSION OF THE PROPERTY OR AREA TO BE SERVED, MEASURED IN A STRAIGHT LINE BETWEEN ACCESSES.
- 9. FIRE APPARATUS ACCESS ROAD GATES. GATES SECURING THE FIRE APPARATUS ROADS SHALL BE APPROVED BY THE FIRE CODE OFFICIAL AND MUST COMPLY WITH ALL OF THE FOLLOWING CRITERIA:
- 9.A. THE MINIMUM GATE WIDTH SHALL BE 20 FEET FOR A SINGLE GATE, OR 12 FEET FOR A DOUBLE GATE.
- 9.B. GATES SHALL BE OF THE SWINGING OR SLIDING TYPE.
- 9.C. CONSTRUCTION OF GATES SHALL BE OF MATERIAL THAT ALLOW MANUAL OPERATION BY ONE PERSON.
- 9.D. GATE COMPONENTS SHALL BE MAINTAINED IN AN OPERATIVE CONDITION AT ALL TIMES AND REPLACED OR REPAIRED WHEN DEFECTIVE.
- 9.E. ELECTRIC GATES SHALL BE EQUIPPED WITH A MEANS OF OPENING THE GATE BY FIRE DEPARTMENT PERSONAL FOR EMERGENCY ACCESS. EMERGENCY OPENING DEVICES SHALL BE APPROVED BY THE FIRE CODE OFFICIAL.
- 9.F. MANUAL OPENING GATES SHALL NOT BE LOCKED WITH A PADLOCK OR CHAIN AND PADLOCK UNLESS THEY HAVE A KEY BOX CONTAINING THE KEY(S) TO THE LOCK IS INSTALLED AT THE GATE LOCATION.
- 9.G. LOCKING DEVICE SPECIFICATIONS SHALL BE SUBMITTED FOR APPROVAL BY THE FIRE CODE OFFICIAL.
- 10. SIGNS. WHERE REQUIRED BY THE FIRE CODE OFFICIAL, FIRE APPARATUS ACCESS ROADS SHALL BE MARKED WITH PERMANENT "NO PARKING- FIRE LANE" SIGNS COMPLYING WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES 2009 EDITION OR CURRENT EDITION. SIGNS SHALL HAVE A MINIMUM DIMENSION OF 12 INCHES WIDE BY 18 INCHES HIGH AND HAVE RED LETTERS ON A WHITE REFLECTIVE BACKGROUND. SIGNS SHALL BE POSTED ON ONE OR BOTH SIDES OF THE FIRE APPARATUS ROAD AS REQUIRED.
- 10.A. ROADS OR ALLEYS 20 TO 28 FEET WIDE SHALL BE POSTED ON BOTH SIDES AS A FIRE LANE.
- 10.B. ROADS 28 TO 32 FEET WIDE SHALL BE POSTED ON ONE SIDE OF THE ROAD (FIRE HYDRANT SIDE) WITH 150 FOOT SPACING.
- 10.C. ANY QUESTIONS PLEASE CALL FIRE CODE OFFICIAL @ 801-743-7221

			THIS DOCUMENT AND ANY ILLUSTRATIONS HEREON ARE PROVIDED AS STANDARD CONSTRUCTION DETAILS WITHIN HERRIMAN CITY, DEVIATION FROM THIS DOCUMENT REQUIRES APPROVAL OF HERRIMAN CITY HERRIMAN, CITY CANNOT BE HELD LIABLE	HERRIMAN	HERRIMAN CITY ENGINEERING DEPARTMENT ROADWAY	RD-07A
			FOR MISUSE OR CHANGES REGARDING THIS DOCUMENT.	CITY	FIRE APPARATUS ACCESS ROADS	
NO.	REVISION DESCRIPTION	DATE		C.L.I	TINE AFFANATUS ACCESS NOADS	

