



City of Roseville

Phone 783-9151
316 Vernon Street
Roseville, California
95678

August 31, 1973

Mr. Rex Bronson, Chief
Flood Plain Management
Sacramento District Corps of Engineers
650 Capitol Mall
Sacramento, California 95814

RE: Flood Plain Information - Roseville Area.

Dear Sir:

The City of Roseville Flood Plain Committee met Monday, August 20th and discussed the Flood Plain Information Report on Dry Creek and Tributaries, prepared by your office. The City Public Works Department transposed information from your office onto aerial photos indicating the areas of flooding for a 50 and 100 year event. After some discussion, the committee made the following decisions.

1. That a 100 year event be utilized, which would be the standard project flood in the report.
2. That damage be reduced by utilizing preventive measures, principally in the form of a zoning ordinance defining a floodway fringe and a primary floodway.
3. That no development be allowed within the primary floodway.
4. That the secondary zone of floodway fringe be utilized for greenbelt, agricultural, parks and recreational uses or if development is allowed, it would be evaluated on an individual basis and not appreciably raise the level of the 100 year event, with each encroachment into the secondary zone to be evaluated on an individual basis, keeping in mind cumulative effects.
5. "Appreciable raise" was suggested as 1/10th of a foot; however, no final recommendation was made, as it was felt that "appreciable" would depend upon the individual case under consideration.
6. That the creek channels remain in existing state and those that had been recently reworked allowed to go back into a more natural condition. The committee is opposed to the concept of widening and dredging the creek channels or removal of significant vegetation unless required for "remedial purposes".
7. That the existing land uses in the floodway fringe be considered as the allowable development for the purpose of defining the primary and secondary floodways.

The committee requests the following information based upon the above criteria:

1. Definition from the Corps of Engineers on a map of significant scale to define the primary floodway and the secondary floodway fringe.
2. Recommend corrective measures to prevent the flooding of existing developed residential areas, in particular three locations (a) Dry Creek from Folsom Rd. upstream to Sta. 81, (b) Cirby Creek from Sta. 4 to Sta. 5.4, (c) Linda Creek from Strap Ravine upstream to Sta. 12+75.

There has been a considerable amount of modification on Dry Creek upstream from the approximate Sta. 81. This department has supplied your office with additional cross sections and profiles of the creek in this area. Would you please evaluate the effects of this development and the intermediate regional flood levels.

The Public Works Department anticipates complete development in the secondary floodway levels on Cirby Creek from Sta. 7 thru Sta. 8. The anticipated channel would be graded to an earthline trapezoidal form. What size should this trapezoidal channel be in order not to cause flooding of Coloma Way near Sta. 8 or flooding of Oakridge Drive at Sta. 9, nor the developments between Sta. 8 and Sta. 9. On Linda Creek, the Public Works Department anticipates, in order to prevent flooding of developed houses and lots between Sta. 10 and Sta. 12, that a trapezoidal channel with a levee system may be required. Another possibility would be raising of the principal streets and construction of the housing floors above flood level.

The committee is very anxious to begin reviews of the zoning regulations with a target of adoption of regulations in November of 1973. Therefore, the return from your organization of the primary floodway and secondary floodway is of prime importance and we would request this information at your earliest opportunity. The other information, while of particular concern to the Public Works Department and the committee, would not affect the timing of the scheduling of the various committees, hearings and reviews that must be accomplished between now and November.

Thank you very much for your consideration in this matter.

Respectfully,


Frederick L. Barnett,
Director of Public Works