

CARSON CITY STORM DRAINAGE ADVISORY COMMITTEE
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A regular meeting of the Carson City Storm Drainage Advisory Committee was held at 5:30 p.m. on Monday, February 8, 1999 in the City Hall Capitol Conference Room, 201 North Carson Street, Carson City, Nevada.

PRESENT: Chairperson Jay Aldean
Vice Chairperson Howard Anderson
James Bawden
Robert Hildebrand
Susan Oakwood
Delacy Perry
Russell Plume

STAFF: Mahmood Azad, Development Services Manager
Kathleen King, Recording Secretary
(SDAC 02/08/99; 1-0001)

NOTE: Unless otherwise indicated, each item was introduced by Chairperson Aldean. A tape recording of these proceedings is on file in the Clerk-Recorder's Office. This tape is available for review and inspection during normal business hours.

A. CALL TO ORDER, ROLL CALL AND DETERMINATION OF QUORUM - Chairperson Aldean called the meeting to order at 5:36 p.m. A roll call was taken and a quorum was present.

B. APPROVAL OF MINUTES (1-0002) - Member Bawden moved to approve the minutes of the January 11, 1999 meeting. Vice Chairperson Anderson seconded the motion. Motion carried 7-0-0-0.

C. MODIFICATION OF AGENDA (1-0012) - Member Oakwood discussed limiting the meetings to two hours. Discussion ensued with regard to the agenda items. Committee consensus was to defer item F-3 to a future meeting date.

D. PUBLIC COMMENT (1-0054) - Mel Copperthwaite discussed the recurring problem of flooding on his property due to diversion of water flows from Vicee Canyon. Discussion ensued regarding the location of Mr. Copperthwaite's property, the history of flooding and water diversion in the area, and the measures taken by Mr. Copperthwaite to remedy the problem. Jenny Thomas, a neighbor of Mr. Copperthwaite, was also present at the meeting and concurred with the problems he is experiencing. Mr. Azad made arrangements with Mr. Copperthwaite to visit his property within the next two days. (1-0889) Tony Marangi reported flooding occurring east of Lompa Lane between Highway 50 and Sherman Lane. Chairperson Aldean will drive by this area on his way home from the meeting. (1-1725) Mr. Marangi explained flooding is occurring in the areas south and east of the airport because of water flow diversions, in addition to the subsurface water problems in these areas.

E. DISCLOSURES (1-0016) - None.

F. PUBLIC HEARINGS (1-0142)

F-1. DISCUSSION AND POSSIBLE ACTION REGARDING PRESENTATION OF PRELIMINARY DRAFTS OF LEVEL OF PROTECTION DESIGN CRITERIA (1-1737) -

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Member Bawden suggested deferring this item until a future meeting. Mr. Azad distributed, to the Committee members and to the Clerk, a draft memorandum revising the January 6, 1999 memorandum.

F-2. DISCUSSION AND POSSIBLE ACTION REGARDING THE PROPOSED PROCESS FOR PUBLIC COMMENTS RECEIVED PERTAINING TO THE DRAFT STORM DRAINAGE MASTER PLAN. (1-0899) - Mr. Azad distributed, to the Committee members and to the Clerk, Randy Bowling's February 1, 1999 letter. Mr. Bowling discussed the importance of each Committee member's involvement in receiving public input and the types of groups to target. Mr. Aldean discussed a proposed process for receiving public input, including developing drainage criteria, the format of public presentations, Committee member involvement, media coverage, and submission of a proposed criteria package to the Board of Supervisors. Discussion ensued with regard to Mr. Bowling's recommendations and receiving input from the Board of Supervisors. Mr. Azad advised that a storm drainage report is scheduled to be given to the Board of Supervisors at their meeting on Thursday, March 18. Mr. Bowling discussed the general public's knowledge and understanding of storm drainage issues, and a process of receiving input from the public and then establishing criteria. Discussion ensued with regard to types of questions to be asked the public in order to establish criteria, citizen issues, meeting with small groups, agendizing this item as the sole focus of the next meeting, and identifying a goal for said meeting. Member Oakwood moved that the next meeting focus solely on Mr. Bowling's February 1, 1999 letter. Member Plume seconded the motion. Discussion ensued with regard to utilizing the Nevada Appeal for publication of an article outlined by the Committee and inviting a representative of the Nevada Appeal to attend the next meeting. Chairperson Aldean called for a vote on the pending motion. Motion carried 7-0-0-0.

F-3. DISCUSSION AND POSSIBLE ACTION REGARDING THE STATUS OF THE STORM DRAINAGE MASTER PLAN AND THE HIGHWAY 395 CARSON CITY FREEWAY (1-0031) - Committee consensus was to defer this item to a future meeting.

F-4. DISCUSSION AND POSSIBLE ACTION REGARDING STORMWATER FLOWS FROM THE RETENTION BASIN LOCATED NEAR WINNIE LANE AND WESTERN NEVADA COMMUNITY COLLEGE AND THE GOAL OF PLACING STORM DRAINAGE OVERFLOW INTO A PIPE SYSTEM (1-0185) - Vice Chairperson Anderson discussed the history of drainage reconstruction in the area of the Community College, which resulted in diversion of water through Mr. Copperthwaite's area and on through Ash Canyon. The proposed drainage system for the retention basin should not only have a continuous outflow, but any overflow should be pumped out with the normal flow in order to maintain the retention qualities of the basin. A pipe system would route the flow through the Silver Oak development rather than diverting it to the basin that handles the water from Ash Canyon. Mr. Azad distributed, to the Committee members and to the Clerk, a proposed Vicee Detention Basin map and discussed the same. The City has contracted with WRC for design and construction of the detention basin. WRC specializes in drainage design. Mr. Azad and Mr. St. John met with representatives from WRC on January 18 to discuss an alternative for the outflow from the detention basin. WRC is preparing a proposal at this time. Discussion ensued with regard to the proposed discharge route from Vicee Canyon. The choices for the

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water outflow route will be multiple and include Winnie Lane, which is a State road, and College Parkway. Winnie Lane could handle a large box culvert to divert water from 25-year storms, but a decision must be made where to route the water once it reaches Carson Street. The flow control structure design for the detention basin will be critical with regard to moving the water through Winnie Lane without flooding the hospital. Discussion ensued with regard to the history of water flows from Vicee Canyon, the lack of flooding in the sand pit area until the diversion from the Silver Oak development, responsibility for changing water flows, the City's involvement in providing a solution to the problem, and "credit" given to the City by NDOT. Mr. Azad explained a detention basin built by the City benefits NDOT because the requirements for State structures then become smaller. Discussion ensued with regard to drainage criteria and the City's level of service. Member Hildebrand suggested drafting a resolution that the City pursue receiving credit for the water that has been removed from the proposed NDOT drainage facility. Discussion ensued with regard to the same and Member Hildebrand moved that the City pursue receiving credit for mitigating the outflow of water which will no longer be transported through the NDOT proposed drainage facility due to the Vicee Canyon detention. Discussion ensued with regard to the existing five-year pipe under Winnie Lane, the drainage engineering study, presenting the draft resolution to the Board of Supervisors, and the time frame for negotiations with NDOT. Chairperson Aldean amended Member Hildebrand's motion to include language that the resolution apply to ongoing negotiations with NDOT so that any credit is then given to the City as part of a full package on the northern half of the bypass. The time limit will then be established by the conclusion of negotiations. Discussion ensued with regard to the possibility of obtaining state highway funds to assist in construction of drainage facilities on Winnie Lane since it is a state roadway. Mr. Azad reported he has nearly completed proposals for water flow routes from the Timberline/Combs Canyon area. Once this is complete, the outflows will go through Silver Oak instead of Vicee Canyon. Discussion ensued with regard to alternative routes for water flows such as College Parkway, Broadleaf Lane and Arrowhead Drive. Mr. Azad explained proposed changes to Arrowhead Drive. Discussion ensued with regard to the design capacity for the Vicee Canyon detention basin. Ed James of the Carson Water Subconservancy District discussed the proposed resolution and the time frame for negotiations with NDOT. Vice Chairperson Anderson seconded the pending motion. Motion carried 7-0-0-0. Chairperson Aldean requested that this draft resolution be presented by Member Hildebrand to the Board of Supervisors at their next meeting. Discussion ensued with regard to a solution to the current problems being experienced by Mr. Copperthwaite, the flood of 1986, and FEMA's standard for determining 100-year storms as related to flood insurance coverage.

G. INTERNAL COMMUNICATIONS AND ADMINISTRATIVE MATTERS (NON-ACTION ITEMS) (1-1765)

G-1. COMMITTEE MEMBER REPORTS (1-1766) - None.

G-2. STAFF REPORTS (1-1769) - Mr. Azad distributed, to the Committee and to the Clerk, a map showing nuisance flooding in Carson City and asked that the Committee members review the same. He will distribute a

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priority list for review by the Committee at a future meeting.

G-3. FUTURE AGENDA ITEMS (1-1780) - Discussion ensued with regard to holding two meetings in March. Committee consensus was to hold a second meeting on March 29 or March 23. Mr. Azad will check the availability of a meeting room.

H. ADJOURNMENT (1-1891) - Member Oakwood moved to adjourn the meeting at 7:25 p.m. Chairperson Aldean seconded the motion. Motion carried 7-0-0.

The February 8, 1999 Minutes of the Carson City Storm Drainage Advisory Committee

ARE SO APPROVED _____, 1999.

JAY ALDEAN, Chairperson