

ORDINANCE NO. 09-265

AN ORDINANCE ADOPTING BOWRON CREEK DRAINAGE BASIN STUDY AND IMPLEMENTING THE NEED FOR IMPACT DRAINAGE STUDIES FOR NEW DEVELOPMENTS THAT WOULD IMPACT BOWRON CREEK.

WHEREAS: The Bowron Creek Drainage Basin Study listed upgrades by project number needed for the City of Lakeside and;

WHEREAS: New developments that would impact Bowron Creek will be required to submit with their Subdivision or Partition plans an impact study and;

WHEREAS: The City Engineer will determine from the impact study the number of improvements the developer will be required to make on the Bowron Creek Drainage Basin by Project Number(s) listed in the study.

THE CITY OF LAKESIDE ORDAINS AS FOLLOWS:

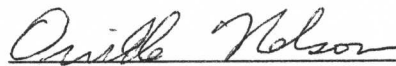
The City adopts the Bowron Creek Basin Drainage Study of April 2005 and Developers that impact Bowron Creek will pay for improvements in the City drainage system with the recommended upgrades determined by the City Engineer.

FIRST READ to the Council the 12th day of February, 2009

PASSED by the council this 12th day of March 2009

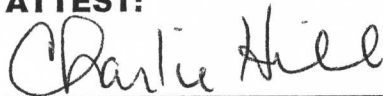
SIGNED by the Mayor this 12th day of March 2009

Effective this 11th day of April 2009



Orville Nelson, Mayor

ATTEST:



Charlie Hill, City Recorder

nile Lake. Tenmile Lake has a mean high water level of approximately 12.21 feet (Mean Sea Level) according to the Division of State Lands.

Project Number 10: Bowron Creek Ditching Improvements-6' Ditch

The second section of ditch improvements begins at approximate station 26+50, where the first section of ditching ended. This section of ditch is to be a minimum of 6 feet wide, with 2:1 sloping sides. The ditch will extend to approximate station 43+00 with a minimum flow line grade of .0025 ft/ft. The overall length of ditch in this section is approximately 1,260 feet, omitting the sections with culvert replacement in this section.

Project Number 11: Bowron Creek Ditching Improvements-4' Ditch

The third section of ditch will begin at approximate station 43+00 and extend the end of Project 1, station 50+00. This section of ditch needs a minimum of a 4-foot wide bottom, with 2:1 sloping sides. The flow line grade shall be a minimum of .005 ft/ft, beginning where the previous section of ditching ended. The overall length of ditch in this section is approximately 640 feet, omitting the sections with culvert replacement in this section.

Improvement Maps are located in Figures 7.3.1 and 7.3.2 at the end of this section. Cost estimates for each project are included in Appendix A.

5 COST ESTIMATES

The summary of costs in the Table 7.5.1 below is the cost of all the recommended projects, that is, the price of a fully urbanized basin that will successfully drain during a 25-year storm event. Included in this cost is the price to relieve present day problems.

TABLE 7.5.1
TOTAL PROJECT COSTS

| Project Number | Description | Cost (Dollars) |
|----------------|---|------------------|
| 1 | Tiara Storm Culvert Project I | \$108,380 |
| 2 | Tiara Storm Culvert Project II | \$20,533 |
| 3 | Rugh Street Improvement | \$11,981 |
| 4 | Stanley Lane Improvements | \$56,448 |
| 5 | Lakeland Estates improvements | \$126,197 |
| 6 | Freelund Ranch Improvements | \$37,121 |
| 7 | COPR Railroad Improvements | \$136,418 |
| 8 | North Lake Campground Improvements | \$11,025 |
| 9 | Bowron Creek Ditch Improvements-10' Ditch | \$58,924 |
| 10 | Bowron Creek Ditch Improvements-6' Ditch | \$51,886 |
| 11 | Bowron Creek Ditch Improvements-4' Ditch | \$24,196 |
| TOTAL | | \$643,108 |

As of 3-18-09

NOT DONE
NOT DONE
Completed
Completed
NOT DONE
Completed
Completed
NOT DONE
Completed
Completed
Completed