Meeting
Lower Red River Watershed Management Board
January 27, 1981 Agricultural Research Center, U. of M., Crookston, Minn.

The Lower Red River Watershed Management Board met on January 27, 1981, at 10:00 a.m.
at the Agricultural Research Center, U. of M., Crookston, Minn.

President Don Ogaard called the meeting to order.

Members present were:

Don Ogaard Roger Ward Clifford Trangsrud
Dan Wilkens Paul Brekken Harley Younggren

Also present were:

Dan Thul - Coordinator - Lower Red River Watershed Management Board
Charles Anderson - Engineer - Red Lake Watershed District
Roland Gullickson - Chairman - Sand Hill Watershed District

Chairman Ogaard welcomed a new member to our Board from the Red Lake Watershed
District, Paul Brekken, 312 Golf Terrace, Crookston, Minn.

Minutes of the Dec. 12, 1980 meeting were read and approved.

Manager Wilkens motioned and Manager Quern seconded and duly passed to accept the
Treasurers report. A copy of which is attached.

The following officers were duly elected for 1981:

President - Don Ogaard Vice
Extra - Iner Quern Treasurer
- Roger Ward Secretary
- Harley Younggren

Manager Brekken motioned, Manager Wilkens seconded and duly passed to establish
mileage for 1981 at 19 cents per mile.

Chairman Ogaard stated that he would prepare the 1980 annual report.

After a discussion, Manager Quern motioned and Manager Brekken seconded and duly
passed that the Lower Red River Watershed Management Board would take out a
$1,000,000.00 umbrella liability insurance policy with a premium of $400.00.
The following project progress reports were given:

**Sand Hill**

Sand Hill #1. - The original estimated cost was $423,000.00. Costs now will be a total of $475,000.00.

One item was a court order requiring the District to establish an escrow account in the amount of $25,000.00 to keep the beaver out of the project area.

Total project costs as presented:

- Construction cost - bid amount: $183,132.55
- Design engineering: $45,000.00
- Aerial mapping: $12,000.00
- Soils investigation: $4,411.70
- Construction engineering: $25,000.00
- Right of way: $127,670.65
- Escrow account (beavers): $25,000.00
- Allowance for clay borrow: $15,000.00
- Administration and legal: $15,000.00
- Contingencies: $22,785.10
- Total: $475,000.00

After discussion a motion by Manager Wilkens, seconded by Manager Quern, was duly passed that L.C.M.R. accept one half the increase and the Lower Red River Watershed Management Board accept the other half.

Current funding would then be:

- L.C.M.R.: $237,500.00
- Sand Hill: $19,000.00
- Lower Red River Watershed: $218,500.00
- Total: $475,000.00

Upon motion by Manager Ward, seconded by Manager Quern and duly passed, the balance of $117,500.00 will be expended upon receipt of bid or billing.

**Verdell Olson Dam Project #2** - Has been completed except for the seeding, which has been paid for.
Lower Red River Watershed Management Board  
Committee Minutes Page 3

Total costs were:

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Construction</td>
<td>11,229.00</td>
</tr>
<tr>
<td>Engineering</td>
<td>7,723.50</td>
</tr>
<tr>
<td>Surveying, mapping and soils</td>
<td>6,225.00</td>
</tr>
<tr>
<td>Right of way-</td>
<td>40.00</td>
</tr>
<tr>
<td>Crop Damage</td>
<td>100.00</td>
</tr>
<tr>
<td>Touch up</td>
<td>80.00</td>
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</table>

Total: 25,397.50

Final fundings

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>L.C.M.R.</td>
<td>12,698.75</td>
</tr>
<tr>
<td>Lower Red</td>
<td>10,159.00</td>
</tr>
<tr>
<td>Sand Hill</td>
<td>2,539.75</td>
</tr>
</tbody>
</table>

Total: 25,397.50

Upon motion by Manager Wilkens, seconded by Manager Brekken and passed to pay share of final funding as listed.

Highway 59 - Project #3 - Would have 1,208 acres in a permanent lake with 4,000 ac./ft. of flood storage. It has a drainage area of 106 square miles.

A guess on construction costs was $700,000.00 and total project costs of $1,000,000.00.

Estimated funding would then be:

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>State funds</td>
<td>500,000.00</td>
</tr>
<tr>
<td>Lower Red</td>
<td>250,000.00</td>
</tr>
<tr>
<td>L.C.M.R.</td>
<td>250,000.00</td>
</tr>
</tbody>
</table>

After discussion, Band Hill was advised to proceed with planning and to try and maximize flood storage.

Red Lake

Moose River - Would be a gated structure project that would have 28,000 ac./ft. of storage and would probably cost $2,200,000.00. Red Lake would like to proceed with preliminary engineering, but have spent $50 - 60,000.00 on it now. Soil investigation is next with an estimated cost of $20 - 25,000.00.

Upon motion by Manager Brekken, seconded by Manager Quern to fund Red Lake up to 25,000.00 for pre construction engineering was duly pa

Two River

Nereson - Soil borings haven't been done yet, but expect it to be done in February.
Twin Lakes - The landowners are being contacted to find out their reaction to the proposed project.

Middle River - Snake
May have some proposals ready in March.

Roseau River
Engineers will make their presentation to the Roseau River Board in February. Information will then be relayed to the Lower Red meeting in March.

Wild Rice
North Branch - Spring Creek - A multi purpose dam. Will present proposal in March.

Flom #8 - Will be back in March for decision as to whether to fund the project or not.

Upon motion by Manager Wilkens, seconded by Manager Brekken and duly passed to pay Robert Goff Assoc. $50.00.

Charles Anderson presented Ron Adrians’ position on what an engineering firm should for us in evaluating various projects throughout the Red River Basin.

The next meeting will be held Monday, March 9, 1981 at 9:00 a.m. at the Agriculture Research Center on the U. of M. Campus in Crookston, Minnesota. The business meeting will be held in the morning and a meeting with the engineering firms will be held in the afternoon.

A motion to adjourn was duly made, seconded and passed.

Respectfully Submitted,

Harley Younggren
Secretary