

Item 7b.

Sunfish Lake Engineer's Report for July 1, 2014

By: *Don Sterna, PE, City Engineer*

Date: *June 27, 2014*

1. Engineering Activities Undertaken in the Month of June.

The following Engineer's Report reflects the activities undertaken this past month, along with the anticipated engineering activity for the month of May.

A. Building and Site Reviews: Over the past month we have been involved with eight different site and building plan reviews. Several of the reviews will require follow up in the month of July. We also anticipate additional site reviews in July.

B. Speed Study on Angell Road: From June 9 thru June 20 two traffic tapes were placed across the roadway to gather vehicle speed data. The result showed that on average there are 48 to 56 trips a day during week days which drops to 19 to 23 vehicles a day on the weekend. Speeds within the 85th percentile averaged between 20 MPH to 25 MPH, however there were 2 to 4 vehicles a day on average that speeds increased between 30 to 45 MPH. The highest speed recorded was 45 MPH between 3 to 6 PM occurring on a daily basis which most likely indicates the same person violating the speed. Attached you will find a summary report of the traffic and speed data that was collected.

2. Public Works' Activities Undertaken in the Month of June

No public works activists were under taken during the month of June.

3. Anticipated Engineering and Public Work Activities for the Month of July:

A. 2014 Street Reconstruction Project Update: The preconstruction meeting was held on June 25 with the contractor and he plans on starting work the week of July 14th. Based on this starting date the work is anticipated to be completed by August 15. The following is a brief project schedule for Council information:

- August 5, 2014, Council Calls for Public Assessment Hearing
- September 2, 2014, Public Assessment Hearing
- October 2014, Certify Assessments to County

- B. **2015-2019 CIP Update / 2015 Budget:** A copy of the 2015- 2019 CIP was distributed at the June City Council Meeting for review and comment. I will be incorporating any comments from the Council and preparing the 2015 Public Works / Engineering budget for the August meeting for Council review.
- C. **Cable Guardrail Repair:** There are currently 5 posts that have been damaged over the past year that need repair. The contractor plans on being in the area in July to make the necessary repairs.
- D. **Charlton Road / Sunfish Lake Outlet Maintenance:** As a result of the excessive rain fall this year, more gravel has been washed into the culvert at the 90 degree bend on Charlton Road which is now plugged. As a result of the plugged pipe, water was redirected out the discharge pipe to Sunfish Lake which now is also plugged. The lake level is becoming a concern and with more heavy rains forecasted over the next few days increases the need to clean this storm system out. I have engaged a contractor that specializes in this work to clean the system out as early as July 1st. The anticipated costs range from \$1,800 to \$2,200.

At this time, there are no other planned City engineering activities for the month of July.

The above constitutes the Engineering Report for the City of Sunfish Lake for July 1, 2014.

Respectfully submitted,

WSB & Associates, Inc.



Donald W. Sterna, PE
City Engineer

directional counts AB=Eastbound BA=Westbound

Site Name Angall Rd

Site Attribute speed

File Name K:\Traffic\city of count\sunfish lake\Angall Rd27Jun2014.EC0

DATE	Total	Total	Total	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin	Vbin
		AB	BA	5	10	15	20	25	30	35	40	45	50	55	60	65	70
				10	15	20	25	30	35	40	45	50	55	60	65	70	75
9-Jun-14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10-Jun-14	52	27	25	1	7	17	5	17	4	2	1	0	0	0	0	0	0
11-Jun-14	56	27	29	4	15	16	11	6	2	6	1	1	0	0	0	0	0
12-Jun-14	54	27	27	3	10	18	9	11	3	0	0	0	0	0	0	0	0
13-Jun-14	23	11	12	0	7	7	6	1	1	1	0	0	0	0	0	0	0
14-Jun-14	23	13	10	2	8	4	7	1	0	0	1	0	0	0	0	0	0
15-Jun-14	19	9	10	1	6	4	6	2	0	0	0	0	0	0	0	0	0
16-Jun-14	48	24	24	1	7	17	5	13	2	2	1	0	0	0	0	0	0
17-Jun-14	58	29	29	4	15	16	11	6	2	2	1	1	0	0	0	0	0
18-Jun-14	59	31	28	5	11	15	12	8	2	4	2	0	0	0	0	0	0
19-Jun-14	54	27	27	3	10	18	9	11	3	0	0	0	0	0	0	0	0
20-Jun-14	11	7	4	1	1	2	3	1	2	1	0	0	0	0	0	0	0
TOTALS	457	232	225	25	97	134	84	77	21	18	7	2	0	0	0	0	0

Vbin

75

80

[illegible]