

Vault

City of Brookings
WORKSHOP Agenda

CITY COUNCIL

Monday, October 4, 2010, 4:00pm

City Hall Council Chambers, 898 Elk Drive, Brookings, OR 97415

A. Call to Order

B. Roll Call

C. Topics	Page
1. General Engineering Standards and Specifications*	2
2. Major Street Maintenance	3
a. Five-year program list of projects	4
b. Project descriptions	5
3. Construction Noise	10
4. Marina Heights Rail	12

D. Council Member Requests for Workshop Topics

E. Adjournment

*This document is available for viewing at www.brookings.or.us, and at City Hall.

All public City meetings are held in accessible locations. Auxiliary aids will be provided upon request with advance notification. Please contact 469-1102 if you have any questions regarding this notice.



City of Brookings

Draft General Engineering Standards and Specifications

Council members are encouraged to review the document and bring their notes to the workshop. The City Engineer will be in attendance to respond to Council questions and suggestions.

The full document may be viewed on the home page of the City's website at www.brookings.or.us, under "New/Special Interest." A copy is also available for public review at City Hall.

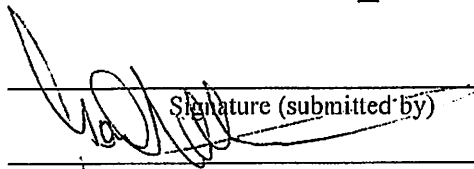
An additional copy of the document is available in the City Manager's office for Council review and check-out.

CITY OF BROOKINGS

Council WORKSHOP Report

Workshop Date: October 4, 2010

Originating Dept: City Manager/PW


Signature (submitted by)

City Manager Approval

Subject: Major Maintenance Program - Streets

Background/Discussion:

The City contracted for the preparation of a Pavement Management System (PMS) in 2008-09. As a part of that study the condition of all City streets was evaluated. A priority list of streets needing major maintenance was established, and a criterion was established for further refinement of this list.

During the 2010-11 budget deliberations, the City Council directed that the staff develop a five year program for street major maintenance, which would involve an expenditure of approximately \$250,000 annually in street rehabilitation, major maintenance or reconstruction.

Staff has reviewed the priority list and evaluation criteria contained in the PMS with the City Engineer and has developed a five year program of work. The City Engineer has developed a description and cost estimate for each of the projects proposed for the first year of the program.

Attachment(s): 1) Five-year program list of projects
2) Project descriptions

Major Maintenance Project List

Year	Name	From	To	Cost	Subtotal/ Year
1	Valley Street	Hillside Drive	Chetco Avenue	78,000	
1	Truman Lane	Barclay Lane	culdesac	6,400	
1	Ross Road	Elk Drive	Chetco Avenue	53,000	
1	Alder Street	Pine Street	Redwood Street	15,000	
1	Ransom Avenue	Chetco Avenue	Pioneer	97,000	
				<i>Subtotal</i>	\$ 249,400
2	5 th Street	Elk Drive	Easy Street	157,489	
2	Fir Street	Oak Street	Old County Road	148,000	
				<i>Subtotal</i>	\$ 305,489
3	Old County Road	Pacific Avenue	Rosichelli Lane	176,000	
3	Seascape Court	Tanbark Road	culdesac	12,705	
3	Woodland	Del Norte	culdesac	13,660	
3	Memory Lane	Railroad Street	Tanbark Road	57,617	
				<i>Subtotal</i>	\$ 259,982
4	Sandy Lane	Macklyn Cove Drive	culdesac	42,118	
4	Mill Beach Road	Allen Lane	Macklyn Cove Dr	2,745	
4	7 th Street	Pioneer Lane	Meadow Lane	21,627	
4	Richard Street	Easy Street	Richard Street	6,974	
4	Easy Manor Drive	Easy Street	Easy Street	80,355	
4	Hub Street	Arnold Lane	culdesac	7,470	
				<i>Subtotal</i>	\$ 161,289
5	Hassett Street	Pioneer	Seventh Street	221,000	
				<i>Subtotal</i>	\$ 221,000

26-Jul-10

Project Number 1332 of the Pavement Management System study, (2008-2009). Valley Street is located in a residential area, and has low traffic volumes. The street exhibits surface raveling, major alligator cracking and has complete pavement failure in some places. This preliminary estimate is based on a complete Type 1 Reconstruction, salvaging the the subgrade and providing 4-inch depth of AC Pavement.



Preliminary Cost Estimate

F:\dyer-parIV\projects\145 Brookings\145.00A Streets\2010-2011 Street Projects\2010-2011 Street Program

26-Jul-10

26-Jul-10

Approximate Width: 28 ft.

No.	Description	Quantity	Unit	Unit Cost	Item Cost
1	Construction Facilities And Temporary Controls	1	LS	\$4,000.00	\$4,000
2	Demolition and Site Preparation	1	LS	\$2,000.00	\$2,000
3	Foundation Stabilization	10	SY	\$30.00	\$300
4	Reconstruct Area, Type 1	100	SY	\$15.00	\$1,500
5	Aggregate Base	5	Ton	\$55.00	\$275
6	AC Pavement Grinding	370	SY	\$3.00	\$1,110
7	Paving Fabric	1,100	SY	\$8.00	\$8,800
8	AC Pavement	152	Ton	\$130.00	\$19,760
Total Cost					\$38,000
<u>Preliminary Engineering</u>					
	Administration			3%	\$1,000
	Engineering Design & Construction Services			20%	\$8,000
	Constr. Contingencies			15%	\$6,000
Total Project					\$53,000

City of Brookings - 2010-2011 Street Projects
Ransom Avenue from Pioneer to Chetco

26-Jul-10

Project Description:

Project Numbers 1272 through 1283 of the Pavement Management System study, (2008-2009). Ransom Avenue is located in a residential area, and has moderate traffic volumes. The street exhibits surface raveling / distress, and has some pavement areas require reconstruction prior to a micro-surface application.

Approximate Length: 5,400 ft.

Approximate Width: 30 ft.

Preliminary Cost Estimate

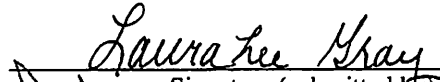
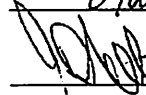
No.	Description	Quantity	Unit	Unit Cost	Item Cost
1	Construction Facilities And Temporary Controls	1	LS	\$7,000.00	\$7,000
2	Demolition and Site Preparation	1	LS	\$3,000.00	\$3,000
3	Foundation Stabilization	10	SY	\$30.00	\$300
4	Reconstruct Area, Type 1	300	SY	\$15.00	\$4,500
5	Aggregate Base	20	Ton	\$55.00	\$1,100
6	AC Pavement	47	Ton	\$130.00	\$6,110
7	AC Micro-surfacing, Type II	18,000	SY	\$2.00	\$36,000
8	Painted Stripe	5,400	LF	\$2.00	\$10,800
9	Thermoplastic Stop Bar	300	LF	\$5.00	\$1,500
Total Cost					\$70,300
<u>Preliminary Engineering</u>					
	Administration			3%	\$2,000
	Engineering Design & Construction Services			20%	\$14,100
	Constr. Contingencies			15%	\$10,600
Total Project					\$97,000

CITY OF BROOKINGS

COUNCIL WORKSHOP REPORT

Meeting Date: October 04, 2010

Originating Dept: Building


Signature (submitted by)

City Manager Approval

Subject: Additions to BMC 8.15.80, Noise prevention

Background/Discussion:

Currently there are no rules governing hours of construction. Over the years an informal guideline has existed whereby the Building Official would respond to a complaint and make the determination whether or not the hours being worked were reasonable. There have been instances of complaints from the public and the Building Official has no mechanism for enforcement or guidelines for reasonable hours. The results of a survey conducted through the Oregon City/County Management Association showed the following results from the Cities that responded:

- Two limit construction to between 7:00 a.m. – 7:00 p.m. with one restricting weekend and holiday construction to 8:00 a.m. – 7:00 p.m.
- Three limit construction to between 7:00 a.m. – 6: p.m.
- One limits construction to 7:00 a.m. – 8:00 p.m. on weekdays and 9:00 a.m. – 6:00 p.m. on weekends, extension of time is one hour later in the evening during daylight savings time.
- Three limit construction to between 7:00 a.m. – 10:00 p.m.

Additionally, in a previous workshop the Mayor expressed concern that the noise prevention language could be used to negatively impact lawfully operating manufacturing or industrial businesses.

Staff reviewed language from the noise regulations enacted by several other Oregon cities.

Suggested language:

8.15.080 A. It shall be unlawful for any person to create, assist in creating, permit, continue, or permit the continuation of any unreasonably loud, disturbing, or unnecessary noise; and further, no person shall conduct or maintain any condition, activity, operation, vocation or avocation which causes unreasonably offensive noise to either the neighborhood or the public at large. *In the case of noise that is generated due to an activity that is permitted within the zone, specifically in the case of industrial or manufacturing zones, such noise shall not be deemed unreasonably offensive.*

8.15.080 B (5) *Any person who operates powered construction equipment, erects, constructs, demolishes, excavates for, alters or repairs any building, structure, roadway or utility within the city in such a manner as to cause noise to be received beyond the boundaries of the property on which the construction work is occurring shall comply with the following:*

- A. No construction work shall be performed before 7 a.m. or after 10 p.m.*
- B. Provided, however, that in case of urgent necessity, permission may be granted by the City Manager for construction activities to occur during otherwise proscribed hours*

CITY OF BROOKINGS TRAFFIC SAFETY COMMITTEE



09/02/10

Mr. Milliman,

On July 28th, 2010 the Traffic Safety committee voted unanimously to recommend guardrail be installed on Marina Heights Road. The committee acknowledged the potentially high costs for installing the guardrail and therefore chose to put forth for council's review, two options:

- A. Install continuous guardrail on Marina Heights Road along the length of the roadway beginning north of the first left-hand corner and continuing to a point north of the second left-hand corner.
- B. Install limited guardrail on and near the two corners identified as the most critical.

Attached to this memo are rough representations of the guardrail options discussed by the Traffic Safety Committee identified as "A" and "B."

Thank you for your consideration,

Lieutenant Donny Dotson
Traffic Safety Committee Chair

City of Brookings
Marina Heights Drive - Guardrail

Aug. 22, 2010.

No.	Description	Quantity	Unit	Unit Cost	Item Cost
1	Construction Facilities And Temporary Controls	All	LS	\$5,000.00	\$5,000
2	Site Preparation	All	LS	\$2,000.00	\$2,000
3	Guardrail - steel posts	550	LF	\$65.00	\$35,750
4	Guardrail Terminals - Nonflared	2	Each	\$3,000.00	\$6,000
Total Construction Cost					\$48,750
Engineering					\$9,750
Contingency					\$8,775
Legal & Administration					\$1,463
Total Project Cost					\$68,738

Notes

1. Due to steep dropoffs adjacent to existing roadway, lengthened posts will be required in certain location



Imagery Date: Jun 28, 2005

42°03'48.57" N 124°16'33.85" W elev 0 ft

©2010 Europa Technologies
Image State of Oregon
©2010 Google

Google

OPTION "A"
OPTION "B"