

COUNCIL WORK SESSION
Tuesday, December 8, 2015, following
the Special Council Meeting
Casper City Hall
Council Meeting Room

AGENDA

1. Utility Rates – Water and Solid Waste (David Hill & Cindie Langston)
2. Transit Plan (Andrew Nelson)
3. Council Election Process
4. Executive Session – Property Acquisition
5. Future Agenda Review
6. Council Around the Table

December 1, 2015

MEMO TO: V. H. McDonald, City Manager

FROM: Andrew Beamer, P.E., Public Services Director
David W. Hill, P.E., Public Utilities Manager 

SUBJECT: Establishing Rates for Retail and Wholesale Water and Sewer Service

Recommendation:

That Council, by resolution, adopts revisions to the current retail and wholesale water and sewer rates, to become effective January 1, 2016 and January 1, 2017 and to rescind Resolution No. 13-311.

Summary:

The Casper Public Utilities Advisory Board at its regular meeting in November met to discuss retail and wholesale water and sewer user rates.

Costs are continuing to rise due to:

- Utility Costs (Electricity and Natural Gas)
- Chemical Costs
- Waterworks and Sewer Material Costs
- Employee Payroll and Benefit Costs
- Costs to meet governmental mandates associated with the Safe Drinking Water Act and the Clean Water Act
- Equipment/Infrastructure replacements at the Wastewater Treatment Plant Fund due to the age of equipment/infrastructure (will affect sewer rate model)

Assumptions made in the forecasted cash flow analysis for the water and sewer funds are as follows:

- 1) A 1.13% rate of growth in Natrona County.
- 2) A 2% rate employee cost of living adjustment each year over the next ten years for personnel expenses.
- 3) A 2% rate of inflation is projected for contractual and 4% for materials and supplies. These assumptions may not cover cost escalation for electricity, natural gas, chemicals, and water and sewer materials in the future which have all been higher than the rate of inflation over the past several years. However for two-year rate models, these assumptions for the rate of inflation for contractual and materials and supplies should suffice.

- 4) A 1.25% return on investments for FY 2014-2023. This may seem aggressive but should suffice for two-year rate models.
- 5) The models represent the most probable volume of water purchased by Casper from the Regional Water System and the most probable volume of Casper wastewater treated by the Regional Wastewater System (RWWS) over the next ten years. It is assumed in the retail sewer cash flow model that approximately 84.98% of the wholesale wastewater operational charges are from Casper. The remainder is from other wholesale users of the RWWS.
- 6) The retail water cash flow model represents that Casper has 5% unaccounted for water throughout the next ten years. Of the purchased water it is assumed that 95% will be resold at retail to customers of Casper. Unaccounted for water represents line leakage, water main breaks, flushing water, fire hydrant use, under registering retail meters, water theft, etc.
- 7) The retail sewer cash flow model represents that Casper has infiltration/inflow in its sewer collection system. The Regional Wastewater Treatment Plant has to treat all flows including infiltration/inflows. Infiltration/inflow represents groundwater leakage into sewer mains and manholes, and inflow into sewer mains and manholes caused by wet weather events, storm drains connected into the sanitary sewer system, and residential/business sump pumps connected into the sanitary sewer system. Infiltration/inflow is a source of selenium.
- 8) The retail water rate model represents 22,299 retail customers as of July 1, 2015. The retail sewer model represents 21,538 sewer customers as of July 1, 2015.
- 9) The water rate model takes into account assumed future Wyoming Water Development Commission (67% grants) for various capital improvement projects. Two additional SRF Loans (one WWTP and one Sewer) are anticipated in the models although additional loans may take place in the future.
- 10) The forecasted water cash flow/rate model assumes a continuing amount of \$1.0 Million of 1% monies annually for water main replacements. The sewer cash flow/rate model includes user charges for the RWWS which will have an influx of \$1.5 M for capital replacements in FY17 and FY18.
- 11) Rates developed by these cash flow/rate models include rate adjustments needed for new and replacement capital facilities in accordance to the Capital Improvement Plan (CIP) for each fund above monies obtained from system development charges, depreciation, reserves, 1% money, and outside grants.
- 12) The sewer rate cash flow model includes increased RWWS operational, debt service, and replacement capital expenses at the Wastewater Treatment Plant (WWTP). Included is the RWWS new debt service associated with FY12 - FY14 Wyoming Clean Water State Revolving Fund loans for major equipment replacements at the

WWTP (Emergency Power Project, Bar Screen Replacement Project, and Biosolids Facility Compost Windrow Turner). Also included are projected increases, each year, for the yearly replacement expenses associated with older equipment/infrastructure replacements at the WWTP. These monies are necessary to replace older equipment, piping, and electrical systems at the WWTP. Much of the WWTP equipment/infrastructure is 30 years or older.

- 13) Future WWTP discharge permit renewals by DEQ/EPA (most likely 2023) may require nutrient removal (phosphorous and nitrogen) and may also require selenium removal. The costs for these improvements will not be included in the RWWS System model or the Sewer rate model until more information is available from regulatory agencies. In FY16, it is planned to retain a consultant to prepare an updated WWTP Facilities Plan to investigate future regulatory requirements, treatment alternatives, costs, and funding possibilities for the selenium/nutrient removal upgrades. This updated Facilities Plan will also investigate expansion of the WWTP to accommodate future growth.
- 14) Rehabilitation of the North Platte Sanitary Sewer is also needed. This concrete sewer (24-inch to 54-inch in size) was installed from 1981-1983, is 8.9 miles in length, and suffers from corrosion from hydrogen sulfide generation. Approximately 25% of the sewer needs rehabilitation by relining and reconstruction of relief structures. The rehabilitation of this sewer (\$8 M) is tentatively scheduled for FY18 in the RWWS model financed from unknown sources (possibly County Consensus monies, unallocated 1% monies, or a CWSRF loan.)
- 15) Sewer service revenues over the last three-four years have been somewhat stagnant while expenditures continue to increase. This is taking place regardless of small rate increases and population growth over the last four years. There is a trend towards lower water usage in the winter months (January through March – non-irrigation season) when monthly sewer bills for the year are calculated. Inside residence water saving devices are having an effect upon water usage in these months. A meter reading cycle of 30 days for each retail account is scheduled sometime during these three months to calculate each account's monthly sewer usage for the next year.
- 16) A portion of the projected wholesale RWWS operational charges from FY16-25 is anticipated to be covered by decreasing sewer fund reserves in order to lessen the amount of retail sewer rate increases from FY16-25. This will have to be re-evaluated on a bi-yearly basis.

The Public Utilities Advisory Board at its November 24, 2015 meeting discussed the proposed rate increases and recommended approval of moderate increases to the retail water rates (3.6% and 3.5% for retail water January 1, 2016 and 2017 respectively) and also moderate sewer rate increases (5.3% and 5.4% for retail sewer for January 1, 2016 and January 1, 2017 respectively).

A summary of the proposed changes follows.

RETAIL WATER SERVICE RATE SCHEDULE

Section 1

January 1, 2016

The existing retail water minimum charge of \$7.42 would increase to \$7.62. The minimum usage volume of 1,500 gallons will remain unchanged. The existing volume charge of \$3.41 per thousand gallons would increase to \$3.54 per thousand gallons.

This would add an additional \$1.50 or 3.6% increase to the average monthly residential customer who uses 11,500 gallons of water per month.

January 1, 2017

The January 1, 2016 retail water minimum charge of \$7.62 would increase to \$7.81. The minimum usage volume of 1,500 gallons will remain unchanged. The existing volume charge of \$3.54 per thousand gallons would increase to \$3.67 per thousand gallons.

This would add an additional \$1.49 or 3.5% increase to the average monthly residential customer who uses 11,500 gallons of water per month.

RETAIL SEWER SERVICE RATE SCHEDULE

Section 1

January 1, 2016

The existing retail sewer rate minimum charge would increase from \$6.99 per month to \$7.31 per month. The minimum usage volume of 2,000 gallons would remain unchanged. The volume rate would increase from \$2.78 per thousand gallons to \$2.94 per thousand gallons.

This would add an additional \$1.04 or 5.3% increase to the average sewer residential customer who uses 6,500 gallons of sewer per month.

January 1, 2017

The January 1, 2016 retail sewer rate minimum charge would increase from \$7.31 per month to \$7.65 per month. The minimum usage volume of 2,000 gallons would remain unchanged. The volume rate would increase from \$2.94 per thousand gallons to \$3.11 per thousand gallons.

This would add an additional \$1.11 or 5.4% increase to the average sewer residential customer who uses 6,500 gallons of sewer per month.

Casper's average retail residential water and sewer bills are very favorable in comparison with other entities in the region. It needs to be emphasized that many of the comparable entities have

utilized other funding sources, such as optional Sixth Cent Capital Facilities Taxes to help finance major upgrades to their water and wastewater systems.

WHOLESALE WATER RATES AND OUTSIDE-CITY RETAIL WATER RATES

In addition, updated wholesale water rates and outside-City retail water rates are also proposed for January 1, 2016 and January 1, 2017 prepared in conformance to the cost of service approach required by Wyoming State Statutes. The projected increase in the wholesale water rate for customers connected to Regional Water transmission lines is from \$1.93 per thousand gallons to \$2.00 per thousand gallons on January 1, 2016 and to \$2.07 per thousand gallons on January 1, 2017. The projected increase in the wholesale water rate for customers connected to Casper Water Transmission Lines is from \$2.77 per thousand gallons to \$2.84 per thousand gallons on January 1, 2016 and to \$2.94 per thousand gallons on January 1, 2017. The cost of wholesale Regional water increased from \$1.52 per thousand gallons to \$1.57 per thousand gallons on July 1, 2015.

SEPTAGE, SUMP AND GREASE WASTE FEES

Domestic septage, non-hazardous industrial sump waste, and grease waste disposal fees at the Wastewater Treatment Plant are recommended for increases on January 1, 2016 and January 1, 2017. The fees are recommended to be increased each year at the average percentage increase of the wholesale wastewater rate increases in the Regional Wastewater System Cash Flow Model. A portion of septage and grease wastes are generated from outside Natrona County and they pay a surcharge of 40%. Casper, as a large WWTP, has an environmental obligation to provide these services for the septage, sump, and grease waste generators; however the citizens of Casper and the other members of the Regional Wastewater System should not be subsidizing these fees. These recommended increases are projected to help the Regional Wastewater System Cash Flow.

Attachments for Council's additional information are as follows:

- Attachment "A" – "Water System Cash Flow/Rate Model FY 2016-2025"
- Attachment "B" – "Water System Capital Improvement Plan – FY 2016-25 – November 2015"
- Attachment "C" – "Regional Wastewater System – Cash Flow FY 2016-25"
- Attachment "D" – "Regional Wastewater System Capital Improvement Plan – FY 2016-2025"
- Attachment "E" – "Sewer System Cash Flow/Rate Model FY 2016-25"
- Attachment "F" – "Sewer System Capital Improvement Plan – FY 2016-2025"
- Attachment "G" – "RWWS Domestic Septage, Industrial Sump Waste, and Grease Waste Cost of Service"
- Attachment "H" – "Water and Sewer Rate Information From Other Entities – November 2015"
- Attachment "I" – "Draft Resolution Adopting And Setting Forth Rates For Wholesale Water Service, Retail Water Service And Sewer Service For The City Of Casper, Wyoming"

ATTACHMENT "A"
CITY OF CASPER PUBLIC UTILITIES WATER SYSTEM
CASH FLOW/RATE MODEL FY 2016-2025
ALTERNATE A

	ACTUAL FISCAL YEAR 14-15 BUDGET	ADJUSTED FISCAL YEAR 15-16 BUDGET	FORECASTED FISCAL YEAR 16-17 BUDGET	FORECASTED FISCAL YEAR 17-18 BUDGET	FORECASTED FISCAL YEAR 18-19 BUDGET	FORECASTED FISCAL YEAR 19-20 BUDGET	FORECASTED FISCAL YEAR 20-21 BUDGET	FORECASTED FISCAL YEAR 21-22 BUDGET	FORECASTED FISCAL YEAR 22-23 BUDGET	FORECASTED FISCAL YEAR 23-24 BUDGET	FORECASTED FISCAL YEAR 24-25 BUDGET
Water Sales											
Residential/Commercial Sales	\$ 8,737,071	\$ 10,124,493	\$ 10,638,251	\$ 11,139,554	\$ 11,680,473	\$ 12,262,175	\$ 12,885,852	\$ 13,522,058	\$ 14,170,998	\$ 14,331,130	\$ 14,493,072
Minimum Charge Sales	\$ 1,975,983	\$ 2,115,507	\$ 2,110,677	\$ 2,188,496	\$ 2,269,904	\$ 2,357,118	\$ 2,450,307	\$ 2,547,472	\$ 2,646,520	\$ 2,711,953	\$ 2,742,598
System Investment Charges	326,755	320,000	323,616	327,273	330,971	334,711	338,493	342,318	346,186	350,098	354,054
Wholesale Charges	231,043	310,057	313,561	317,104	320,687	324,311	327,976	331,682	335,430	339,220	343,053
Total Revenues	11,270,852	12,870,057	13,386,105	13,972,427	14,602,035	15,278,315	16,002,628	16,743,530	17,499,133	17,732,401	17,932,778
Operating Expenses											
Personnel Services w/o Health	1,691,453	1,977,630	2,017,183	2,057,526	2,098,677	2,140,650	2,183,463	2,227,133	2,271,675	2,317,109	2,363,451
Health Insurance	219,706	243,603	253,347	263,481	274,020	284,981	296,380	308,236	320,565	333,388	346,723
Contractual	2,621,746	2,571,046	2,622,467	2,674,916	2,728,415	2,782,983	2,838,643	2,895,415	2,953,324	3,012,390	3,072,638
Materials & Supplies	211,044	251,500	261,560	272,022	282,903	294,219	305,988	318,228	330,957	344,195	357,963
Regional Water Charges	5,004,680	5,631,409	5,865,895	6,110,145	6,364,565	6,629,579	6,905,628	7,193,172	7,492,688	7,804,676	8,129,655
Bad Debt & Claims Expense	3,224	3,321	3,420	3,523	3,629	3,737	3,850	3,965	4,084	4,207	4,333
Depreciation	800,000	800,000	816,000	832,320	848,966	865,946	883,265	900,930	918,949	937,328	956,074
Total Operating Expenses	10,551,853	11,478,508	11,839,872	12,213,934	12,601,175	13,002,096	13,417,217	13,847,078	14,292,241	14,753,292	15,230,837
Operating Income (Loss)	718,999	1,391,549	1,546,233	1,758,493	2,000,860	2,276,219	2,585,411	2,896,452	3,206,892	2,979,110	2,701,941
Non-Operating Revenue/(Expenses)											
Interest Income	74,538	75,000	111,866	108,132	81,854	88,736	86,502	85,159	98,517	106,150	111,053
Debt Service - SRF/WWDC	(755,222)	(755,222)	(755,222)	(755,222)	(755,222)	(755,222)	(755,222)	(755,222)	(755,222)	(755,222)	(755,222)
Pre-Pay Loan Principal - WWDC											
Pre-Pay Loan Principal - DWSRF											
Miscellaneous Revenue	622,414	663,697	671,197	678,781	686,452	694,208	702,053	709,986	718,009	726,123	734,328
Other											
Payment in Lieu of Taxes Fee (PILT)											
Total Nonoper. Rev./Exp.	(58,270)	(16,525)	27,840	31,691	13,083	27,721	33,333	39,923	61,304	77,050	90,159
Total Net Income	\$ 660,729	\$ 1,375,023	\$ 1,574,073	\$ 1,790,184	\$ 2,013,943	\$ 2,303,940	\$ 2,618,743	\$ 2,936,375	\$ 3,268,196	\$ 3,056,160	\$ 2,792,099
Source Of Funds											
Net Income	\$ 660,729	\$ 1,375,023	\$ 1,574,073	\$ 1,790,184	\$ 2,013,943	\$ 2,303,940	\$ 2,618,743	\$ 2,936,375	\$ 3,268,196	\$ 3,056,160	\$ 2,792,099
Reimbursements (SRF/SLIB/1% Monies)	\$ 5,185,000	\$ 3,378,600	\$ 3,412,000	\$ 1,670,768	\$ 1,801,306	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000	\$ 1,000,000
Developer					\$ 892,320						
Depreciation	800,000	800,000	816,000	832,320	848,966	865,946	883,265	900,930	918,949	937,328	956,074
System Investment Charge											
Other											
Total Source of Funds	6,645,729	5,553,623	5,802,073	4,293,272	5,556,535	4,169,886	4,502,008	4,837,305	5,187,144	4,993,487	4,748,174
Use Of Funds											
New Capital Projects	5,643,709	1,193,297	1,380,022	2,050,106	904,415	340,059	868,724	272,000	285,000	285,000	285,000
Replacement Capital Projects	4,563,303	4,886,203	4,826,867	4,466,591	4,239,268	4,163,107	3,896,238	3,651,866	4,177,631	4,177,631	4,177,631
Total Use of Funds	10,207,012	6,079,500	6,206,889	6,516,697	5,143,683	4,503,166	4,764,962	3,923,866	4,462,631	4,462,631	4,462,631
Net Cash Flow	\$ (3,561,283)	\$ (525,877)	\$ (404,816)	\$ (2,223,425)	\$ 412,852	\$ (333,280)	\$ (262,954)	\$ 913,439	\$ 724,513	\$ 530,856	\$ 285,543
Rate / 1,000 Gallons - Jan. 1	\$ 3.41	\$ 3.54	\$ 3.67	\$ 3.80	\$ 3.94	\$ 4.09	\$ 4.25	\$ 4.41	\$ 4.57	\$ 4.57	\$ 4.57
Minimum Charge	\$ 7.42	\$ 7.62	\$ 7.81	\$ 8.01	\$ 8.22	\$ 8.44	\$ 8.68	\$ 8.92	\$ 9.16	\$ 9.16	\$ 9.16
Ave Monthly Residential Bill	\$ 41.52	\$ 43.02	\$ 44.51	\$ 46.01	\$ 47.62	\$ 49.34	\$ 51.18	\$ 53.02	\$ 54.86	\$ 54.86	\$ 54.86
% Rate Increase - Jan. 1 (Act. And Prop.)	1.1%	3.6%	3.5%	3.4%	3.5%	3.6%	3.7%	3.6%	3.5%	0.0%	0.0%
Cash											
Cash/Reserves-Beginning Period	\$12,263,283	\$8,702,000	\$8,176,123	\$7,771,308	\$5,547,882	\$5,960,735	\$5,627,455	\$5,364,501	\$6,277,939	\$7,002,453	\$7,533,309
Cash/Reserves- End of Period	\$8,702,000	\$8,176,123	\$7,771,308	\$5,547,882	\$5,960,735	\$5,627,455	\$5,364,501	\$6,277,939	\$7,002,453	\$7,533,309	\$7,818,852
Balance needed to Fund to Minimum	\$4,743,970	\$4,912,754	\$5,084,631	\$5,259,721	\$5,342,189	\$5,424,657	\$5,603,082	\$5,784,973	\$5,970,460	\$6,159,684	\$6,352,789
Over or (Under) Reserved	\$3,958,030	\$3,263,369	\$2,686,676	\$288,161	\$618,546	\$202,798	(\$238,582)	\$492,967	\$1,031,993	\$1,373,625	\$1,466,062
Cash/Reserves To Minimum Reserve Ratio	1.83	1.66	1.53	1.05	1.12	1.04	0.96	1.09	1.17	1.22	1.23
ESTIMATED RETAIL WATER SALES (1,000 gallons)	3,101,204	3,407,540	3,446,045	3,484,986	3,524,366	3,564,191	3,604,467	3,645,197	3,686,388	3,728,044	3,770,171

ATTACHMENT "B"
CITY OF CASPER WATER SYSTEM
CAPITAL IMPROVEMENT PLAN
FY 2016-25 - NOVEMBER 2015
ALTERNATIVE A

	ACTUAL FISCAL YEAR 14-15 BUDGET	ADJUSTED FISCAL YEAR 15-16 BUDGET	FORECASTED FISCAL YEAR 16-17 BUDGET	FORECASTED FISCAL YEAR 17-18 BUDGET	FORECASTED FISCAL YEAR 18-19 BUDGET	FORECASTED FISCAL YEAR 19-20 BUDGET	FORECASTED FISCAL YEAR 20-21 BUDGET	FORECASTED FISCAL YEAR 21-22 BUDGET	FORECASTED FISCAL YEAR 22-23 BUDGET	FORECASTED FISCAL YEAR 22-23 BUDGET	FORECASTED FISCAL YEAR 22-23 BUDGET	FORECASTED FISCAL YEAR 23-24 BUDGET	FORECASTED FISCAL YEAR 24-25 BUDGET
NEW CAPITAL PROJECTS													
a) Country Club Main (16")					\$379,371								
b) CY Booster Station Replacement													
c) East Second St. Redundant Water Main (12")	\$111,020												
d) Emergency Power - Permanent - Oakcrest Booster Station													
e) Kit Carson Waterline						\$90,059							
f) Mt. Road to Poplar/Poplar - 25th to 29th St. Waterline				\$317,563									
g) Nitrification Control Project			\$11,102										
h) Oakcrest - 14th to 11th (24")				\$101,690									
i) Oak Street Waterline					\$283,044								
j) Oversizing Reimbursement	\$0	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000	\$85,000
k) Poplar - 39th St Waterline (Zone III)													
l) Poplar/CY/15 St. Intersection (24", 20", 16", 12") - WYDOT Project				\$465,353									
m) Ridgecrest Zone II & III Waterline Repl.													
n) Robertson Rd. Waterline Replacement (16") -WYDOT Project													
o) Small Equipment & Projects	\$32,689	\$83,741	\$142,000	\$150,000	\$157,000	\$165,000	\$175,000	\$187,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
p) Southeast Casper Zone III Water System	\$5,500,000												
q) Ten Million Gallon Reservoir Renovations			\$1,141,920										
r) Upper Rock Creek Reservoir Water Rights													
s) Valley Dr./50th St. Waterline							\$608,724						
t) Wolf Creek Rd to Paradise Valley (12"-Zone II)		\$818,376											
u) Wolf Creek Road Waterline (12" - Zone II)				\$930,500									
v) YMCA Zone I/II Water Mains (30" & 8")		\$206,180											
TOTAL NEW CAPITAL PROJECTS	\$5,643,709	\$1,193,297	\$1,380,022	\$2,050,106	\$904,415	\$340,059	\$868,724	\$272,000	\$285,000	\$285,000	\$285,000	\$285,000	\$285,000
REPLACEMENT CAPITAL PROJECTS AND EQUIPMENT REPLACEMENT													
a) Booster Station Renovations	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000	\$45,000
b) Country Club Main (16")													
c) CY Booter Station Replacement						\$816,608							
d) East Second St. Redundant Water Main (12")	\$238,980												
e) Emergency Power - Permanent - Oakcrest Booster Station													
f) Equipment and Vehicles	\$159,467	\$180,500	\$223,850	\$272,250	\$500,000	\$271,000	\$550,000	\$288,000	\$296,000	\$296,000	\$296,000	\$296,000	\$296,000
g) In-House Misc. Replacements	\$250,000	\$260,000	\$364,000	\$379,000	\$398,000	\$410,000	\$422,000	\$435,000	\$448,000	\$448,000	\$448,000	\$448,000	\$448,000
h) Kit Carson Waterline						\$193,861							
i) Miscellaneous Waterline Replacements Project	\$3,799,491	\$1,500,000	\$1,000,000	\$1,500,000	\$1,500,000	\$2,500,000	\$2,500,000	\$2,500,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000	\$3,000,000
j) Mt. Road to Poplar/Poplar - 25th to 29th St. Waterline				\$683,583									
k) Nitrification Control Project			\$23,898										
l) Oakcrest - 14th to 11th (24")				\$218,896									
m) Oak Strret Waterline					\$609,276								
n) Poplar - 39th St Waterline (Zone III)													
o) Poplar/CY/15 St. Intersection (24", 20", 16", 12") - WYDOT Project													
p) PV/Riverwest Service Lines						\$368,500							
q) Ridgecrest Zone II & III Waterline Repl.				\$1,001,712									
r) Robertson Rd. Waterline Replacement (16") -WYDOT Project													
s) SCADA/PLC Replacements		\$50,000	\$350,000										
t) Security Improvments - W & S			\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000	\$25,000
u) Small Equipment & Projects	\$70,365	\$180,259	\$137,039	\$141,150	\$145,384	\$149,746	\$154,238	\$158,866	\$163,631	\$163,631	\$163,631	\$163,631	\$163,631
v) Ten Million Gallon Reservoir Renovations			\$2,458,080										
w) Water Storage Tank Renovations/Repainting		\$465,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
x) Wolf Creek Rd to Paradise Valley (12"-Zone II)		\$1,761,624											
y) YMCA Zone I/II Water Mains (30" & 8")		\$443,820											
TOTAL REPLACEMENT CAPITAL AND EQUIPMENT REPLACEMENT	\$4,563,303	\$4,886,203	\$4,826,867	\$4,466,591	\$4,239,268	\$4,163,107	\$3,896,238	\$3,651,866	\$4,177,631	\$4,177,631	\$4,177,631	\$4,177,631	\$4,177,631
TOTAL NEW AND REPLACEMENT CAPITAL	\$10,207,012	\$6,079,500	\$6,206,889	\$6,516,697	\$5,143,683	\$4,503,166	\$4,764,962	\$3,923,866	\$4,462,631	\$4,462,631	\$4,462,631	\$4,462,631	\$4,462,631

* New Capital represents 31.72% of shared projects. Replacement Capital represents 68.28% of shared projects.

** Developer only financed projects are not included.

ATTACHMENT "D"
CITY OF CASPER REGIONAL WASTEWATER SYSTEM
CAPITAL IMPROVEMENT PLAN
FY 2016-2025
ALTERNATIVE A

	ACTUAL FISCAL YEAR 14-15 BUDGET	ADJUSTED FISCAL YEAR 15-16 BUDGET	FORECASTED FISCAL YEAR 16-17 BUDGET	FORECASTED FISCAL YEAR 17-18 BUDGET	FORECASTED FISCAL YEAR 18-19 BUDGET	FORECASTED FISCAL YEAR 19-20 BUDGET	FORECASTED FISCAL YEAR 20-21 BUDGET	FORECASTED FISCAL YEAR 21-22 BUDGET	FORECASTED FISCAL YEAR 22-23 BUDGET	FORECASTED FISCAL YEAR 23-24 BUDGET	FORECASTED FISCAL YEAR 24-25 BUDGET	OPTIONAL
NEW CAPITAL PROJECTS												
a) Bar Nunn Interceptor Sewer Relocation (WYDOT)					1,500,000							
b) Bar Screen Replacement				90,000								
c) Biosolids/Yardwaste Co-Composting Facility		330,000							600,000			
d) Compost Windrow Turner (Biosolids/Yardwaste Facility)			1,050,000									
e) Dempsey Acres Interceptor Sewer & Lift Station												
f) Digester Bldg. Boiler												
g) Digester - Floating Cover Replacements												
h) Emergency Power Project												
i) Enegy Sustainability Study												
j) Large Equipment & Buildings	87,965	189,600	110,232	95,220	95,232	110,232	80,232	102,732	95,232	80,232	110,232	
k) MCC Replacements				300,000								
l) Mechanical Sludge Dewatering - Add Centrifuge												
m) NCCD - BMP - Selenium Control		15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	15,000	
n) North Platte River - Sandbar Removal		60,000										
o) NPSS Corrosion Study												
p) NPSS Chemical Feed Facility (corrosion control)	48,000		225,000									
q) NPSS Intereptor Rehabilitation				2,100,000								
r) PLC/SCADA/Remote Monitoring Upgrades		210,000						63,750	37,500	37,500		
s) Roof Replacements	24,000		24,000		24,000							
t) Secondary Clarifier Mechanism Replacement						90,000	90,000					
u) Secondary Piping Upgrades								450,000	450,000	450,000	450,000	
v) Security Enhancements	6,192	13,500	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	9,000	
w) Small Equipment & Vehicles	54,843	65,250	83,950	109,950	82,050	94,350	101,250	64,050	41,550	50,850	44,850	
x) WWTP Improvements - Selenium/Nutrient Removal		90,000										20,000,000
y) WWTP Yard Piping Repl./Rehab.		165,000										
TOTAL NEW CAPITAL PROJECTS	\$221,000	\$1,138,350	\$1,517,182	\$2,719,170	\$1,725,282	\$318,582	\$319,482	\$704,532	\$1,248,282	\$642,582	\$629,082	\$20,000,000
REPLACEMENT CAPITAL PROJECTS AND EQUIPMENT REPLACEMENT												
a) Bar Nunn Interceptor Sewer Relocation (WYDOT)												
b) Bar Screen Replacement												
c) Biosolids Storage/Composting Facility												
d) Compost Windrow Turner (Biosolids/Yardwaste Facility)												
e) Digester Bldg. Boiler				210,000								
f) Digester - Floating Cover Replacements		770,000							1,400,000			
g) Emergency Power Project			2,450,000									
h) Enegy Sustainability Study												
i) Large Equipment & Buildings	205,253	442,400	257,208	222,180	222,208	257,208	187,208	239,708	222,208	187,208	257,208	
j) MCC Replacements				700,000								
k) Mechanical Sludge Dewatering - Replace Centrifuge						1,250,000						
l) NCCD - BMP - Selenium Control		35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	
m) North Platte River - Sandbar Removal		140,000										
n) NPSS Corrosion Study												
o) NPSS Chemical Feed Facility (corrosion control)	112,000		525,000									
p) NPSS Intereptor Rehabilitation				5,900,000								
q) PLC/SCADA/Remote Monitoring Upgrades		490,000						148,750	87,500	87,500		
r) Roof Replacements	56,000		60,000	50,000	56,000			56,000				
s) Secondary Clarifier Mechanism Replacement						210,000	210,000					
t) Secondary Piping Upgrades								1,050,000	1,050,000	1,050,000	1,050,000	
u) Security Enhancements	14,449	31,500	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	21,000	
v) Small Equipment & Vehicles	128,017	152,250	195,650	256,550	191,450	220,150	236,250	149,450	96,950	118,650	104,650	
w) WWTP Improvements - Selenium/Nutrient Removal		210,000										40,000,000
x) WWTP Yard Piping Repl./Rehab.		385,000										
TOTAL REPLACEMENT CAPITAL AND EQUIPMENT REPLACEMENT	\$515,719	\$2,656,150	\$3,543,858	\$7,394,730	\$525,658	\$1,993,358	\$745,458	\$1,643,908	\$2,912,658	\$1,499,358	\$1,467,858	\$40,000,000
TOTAL NEW AND REPLACEMENT CAPITAL	\$736,719	\$3,794,500	\$5,061,040	\$10,113,900	\$2,250,940	\$2,311,940	\$1,064,940	\$2,348,440	\$4,160,940	\$2,141,940	\$2,096,940	\$60,000,000

* Several Projects are listed in both New and Replacement Capital Projects. These projects will provide service to both new and existing customers of the Regional Wastewater System. The project costs are proportioned out on roughly a 30% new/70% replacement (existing customer) basis in accordance to the 2007 System Investment Charge Study.

ATTACHMENT "E"
CITY OF CASPER PUBLIC UTILITIES SEWER SYSTEM
FISCAL YEAR 2016-2025
ALTERNATE A

	ACTUAL FISCAL YEAR 14-15 BUDGET	ADJUSTED FISCAL YEAR 15-16 BUDGET	FORECASTED FISCAL YEAR 16-17 BUDGET	FORECASTED FISCAL YEAR 17-18 BUDGET	FORECASTED FISCAL YEAR 18-19 BUDGET	FORECASTED FISCAL YEAR 19-20 BUDGET	FORECASTED FISCAL YEAR 20-21 BUDGET	FORECASTED FISCAL YEAR 21-22 BUDGET	FORECASTED FISCAL YEAR 22-23 BUDGET	FORECASTED FISCAL YEAR 23-24 BUDGET	FORECASTED FISCAL YEAR 24-25 BUDGET
Sewer Sales											
Residential/Commercial Sales	\$ 3,045,623	\$ 3,175,481	\$ 3,305,715	\$ 3,536,559	\$ 3,783,069	\$ 4,045,693	\$ 4,324,886	\$ 4,621,116	\$ 4,934,860	\$ 5,289,601	\$ 5,663,359
Minimum Charge Sales	\$ 1,747,163	\$ 1,868,842	\$ 1,977,189	\$ 2,093,092	\$ 2,216,769	\$ 2,348,442	\$ 2,488,337	\$ 2,636,686	\$ 2,793,725	\$ 2,965,415	\$ 3,152,196
System Investment Charges	77,248	80,000	80,904	81,818	82,743	83,678	84,623	85,580	86,547	87,525	88,514
RWWS Administration Revenue	212,017	267,750	273,105	278,567	284,138	289,821	295,618	301,530	307,561	313,712	319,986
Total Revenues	5,082,051	5,392,073	5,636,913	5,990,037	6,366,720	6,767,634	7,193,464	7,644,912	8,122,692	8,656,252	9,224,054
Operating Expenses											
Personnel Services w/o Health	446,718	600,419	612,427	624,676	637,169	649,913	662,911	676,169	689,693	703,487	717,556
Health Insurance	65,160	84,310	87,682	91,190	94,837	98,631	102,576	106,679	110,946	115,384	119,999
Contractual	566,658	673,008	686,468	700,198	714,201	728,486	743,055	757,916	773,075	788,536	804,307
Materials & Supplies	45,475	43,400	45,136	46,941	48,819	50,772	52,803	54,915	57,111	59,396	61,772
Regional Wastewater	3,015,425	3,606,297	3,869,921	4,081,062	4,297,436	4,495,715	4,695,268	4,901,063	5,100,956	5,350,643	5,601,860
Bad Debt & Claims Expense	949	1,000	1,020	1,040	1,061	1,082	1,104	1,126	1,149	1,172	1,195
Depreciation	479,000	479,000	488,580	498,352	508,319	518,485	528,855	539,432	550,220	561,225	572,449
Total Operating Expenses Not Including Sewer PILT	4,619,385	5,487,434	5,791,235	6,043,458	6,301,843	6,543,083	6,786,572	7,037,301	7,283,151	7,579,842	7,879,139
Operating Income (Loss)	462,666	(95,361)	(154,321)	(53,421)	64,877	224,550	406,892	607,611	839,541	1,076,411	1,344,916
Non-Operating Revenue/(Expenses)											
Interest Income	37,709	30,000	55,228	36,222	35,579	27,673	40,796	25,791	28,139	28,952	38,129
Debt Service - SRF								(218,333)	(178,333)	(178,333)	(178,333)
Pre-Pay Loan Principal											
Miscellaneous Revenue	10,309	10,000	10,113	10,227	10,343	10,460	10,578	10,697	10,818	10,941	11,064
Other											
Payment in Lieu of Taxes Fee (PILT)											
Total Nonoper. Rev./Exp.	48,018	40,000	65,341	46,449	45,922	38,132	51,374	(181,844)	(139,375)	(138,441)	(129,140)
Total Net Income	\$ 510,684	\$ (55,361)	\$ (88,980)	\$ (6,972)	\$ 110,798	\$ 262,683	\$ 458,266	\$ 425,767	\$ 700,166	\$ 937,970	\$ 1,215,776
Source Of Funds											
Net Income	\$ 510,684	\$ (55,361)	\$ (88,980)	\$ (6,972)	\$ 110,798	\$ 262,683	\$ 458,266	\$ 425,767	\$ 700,166	\$ 937,970	\$ 1,215,776
Reimbursements (SRF/SLIB/1% /Developer)			160,000			2,800,000					
WWTP Replacement Reserves											
Depreciation	479,000	479,000	488,580	498,352	508,319	518,485	528,855	539,432	550,220	561,225	572,449
System Investment Charge											
Other (TBD)											
Total Source of Funds	989,684	423,639	559,600	491,380	619,117	3,581,168	987,121	965,199	1,250,386	1,499,195	1,788,225
Use Of Funds											
New Capital Projects	86,821	39,725	694,550	58,450	190,750	714,854	698,011	113,171	213,335	113,501	218,671
Replacement Capital Projects	715,981	733,775	1,435,950	543,550	1,140,700	1,907,586	1,589,878	780,175	1,090,479	785,788	891,104
Total Use of Funds	802,802	773,500	2,130,500	602,000	1,331,450	2,622,440	2,287,889	893,347	1,303,814	899,290	1,109,776
Net Cash Flow	\$ 186,882	\$ (349,861)	\$ (1,570,900)	\$ (110,620)	\$ (712,333)	\$ 958,728	\$ (1,300,768)	\$ 71,852	\$ (53,427)	\$ 599,905	\$ 678,449
Rate / 1,000 Gallons - Jan. 1	\$2.78	\$2.94	\$3.11	\$3.29	\$3.48	\$3.68	\$3.89	\$4.11	\$4.34	\$4.60	\$4.87
Minimum Charge	\$6.99	\$7.31	\$7.65	\$8.01	\$8.39	\$8.79	\$9.21	\$9.65	\$10.11	\$10.63	\$11.17
Ave Monthly Residential Bill	\$19.50	\$20.54	\$21.65	\$22.82	\$24.05	\$25.35	\$26.72	\$28.15	\$29.64	\$31.33	\$33.09
% Rate Increase - Jan. 1	8.3%	5.3%	5.4%	5.4%	5.4%	5.4%	5.4%	5.4%	5.3%	5.7%	5.6%
Cash											
Cash/Reserves-Beginning Period	\$4,658,368	\$4,845,250	\$4,495,389	\$2,924,488	\$2,813,868	\$2,101,535	\$3,060,263	\$1,759,495	\$1,831,348	\$1,777,920	\$2,377,826
Cash/Reserves- End of Period	\$4,845,250	\$4,495,389	\$2,924,488	\$2,813,868	\$2,101,535	\$3,060,263	\$1,759,495	\$1,831,348	\$1,777,920	\$2,377,826	\$3,056,275
Balance needed to Fund to Minimum	\$1,462,754	\$1,536,304	\$1,596,912	\$1,659,012	\$1,716,775	\$1,775,049	\$1,835,081	\$1,893,841	\$1,965,257	\$2,037,269	\$2,115,206
Over or (Under) Reserved	\$3,382,495	\$2,959,084	\$1,327,576	\$1,154,857	\$384,761	\$1,285,214	(\$75,586)	(\$62,494)	(\$187,337)	\$340,556	\$941,069
Cash/Reserves to Minimum Reserves	3.31	2.93	1.83	1.70	1.22	1.72	0.96	0.97	0.90	1.17	1.44
ACTUAL / ESTIMATED RETAIL SEWER BILLED (1,000 gallons)	1,739,307	1,758,961	1,591,591	1,609,576	1,627,764	1,646,158	1,664,760	1,683,571	1,702,596	1,721,835	1,741,292

ATTACHMENT "F"
CITY OF CASPER SEWER SYSTEM
CAPITAL IMPROVEMENT PLAN
FISCAL YEAR 2016-2025

	ACTUAL FISCAL YEAR 14-15 BUDGET	ADJUSTED FISCAL YEAR 15-16 BUDGET	FORECASTED FISCAL YEAR 16-17 BUDGET	FORECASTED FISCAL YEAR 17-18 BUDGET	FORECASTED FISCAL YEAR 18-19 BUDGET	FORECASTED FISCAL YEAR 19-20 BUDGET	FORECASTED FISCAL YEAR 20-21 BUDGET	FORECASTED FISCAL YEAR 21-22 BUDGET	FORECASTED FISCAL YEAR 22-23 BUDGET	FORECASTED FISCAL YEAR 23-24 BUDGET	FORECASTED FISCAL YEAR 24-25 BUDGET	FORECASTED FISCAL YEAR 25-26 BUDGET	OPTIONAL
NEW CAPITAL PROJECTS													
a) Brookview Drive Sewer Upsizing			297,500										
b) Collins Drive Relief Sewer													
c) Casper-Alcova Road Relief Sewer*			160,000										
d) Equipment and Vehicles	33,715		122,500	15,750	105,000	35,000	130,000	35,000	135,000	35,000	140,000	35,000	
e) Glendale Relief Sewer					43,750								
f) Miscellaneous Relief Sewers	35,000	0	0		0	35,000	35,000	35,000	35,000	35,000	35,000	35,000	
g) NOWCAP (Walsh Dr.) Relief Sewer													
h) Oversizing Reimbursement	3,908	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	35,000	
i) Pineview & 12th St. Relief Sewer						112,000							
j) River Park Lift Station & Interceptor Upgrade			75,000										
k) Small Equipment & Projects	14,198	4,725	4,550	7,700	7,000	7,854	8,011	8,171	8,335	8,501	8,671	8,845	
l) Sage Creek Improvements (WWTP Area)						490,000	490,000						
m) Vehicle Storage Garage													175,000
TOTAL NEW CAPITAL PROJECTS	\$86,821	\$39,725	\$694,550	\$58,450	\$190,750	\$714,854	\$698,011	\$113,171	\$213,335	\$113,501	\$218,671	\$113,845	\$175,000
REPLACEMENT CAPITAL PROJECTS AND EQUIPMENT REPLACEMENT													
a) Begonia Lift Station/Force Main Renovations		200,000											
b) Brookview Drive Sewer Upsizing			552,500										
c) Collins Drive Relief Sewer					250,000								
d) Durbin & Collins Relief Sewer	110,000												
e) Equipment and Vehicles	62,613		275,000	29,250	195,000	275,000	65,000	65,000	275,000	70,000	75,000	285,000	
f) Glendale Relief Sewer					81,250								
g) Lift Station Renovations		25,000											
h) Miscellaneous Relief Sewers			100,000		100,000		100,000		100,000		100,000		
i) Miscellaneous Sewer Main Repl/Renovations	517,000	500,000	500,000	500,000	500,000	500,000	500,000	700,000	700,000	700,000	700,000	500,000	
k) Pineview & 12th St. Relief Sewer						208,000							500,000
l) Poplar St Bridge Reconstructon													
m) Security Improvements													
n) Sage Creek Improvements (WWTP Area)						910,000	910,000						
o) Small Equipment & Projects	26,368	8,775	8,450	14,300	14,450	14,586	14,878	15,175	15,479	15,788	16,104	16,104	325,000
p) Vehicle Storage Garage													
TOTAL REPLACEMENT CAPITAL AND EQUIPMENT REPLACEMENT	\$715,981	\$733,775	\$1,435,950	\$543,550	\$1,140,700	\$1,907,586	\$1,589,878	\$780,175	\$1,090,479	\$785,788	\$891,104	\$801,104	\$825,000
TOTAL NEW AND REPLACEMENT CAPITAL	\$802,802	\$773,500	\$2,130,500	\$602,000	\$1,331,450	\$2,622,440	\$2,287,889	\$893,347	\$1,303,814	\$899,290	\$1,109,776	\$914,949	\$1,000,000

* To be constructed by Developer

** New Capital represents 35% of shared project. Replacement capital represents 65% of shared projects.

ATTACHMENT "G"
REGIONAL WASTEWATER SYSTEM
DOMESTIC SEPTAGE, INDUSTRIAL SUMP WASTE,
AND GREASE WASTE COST OF SERVICE
JANUARY 1, 2016 and JANUARY 1, 2017

NOVEMBER 2015

TYPE OF WASTE	EXISTING VOLUME CHARGE January 1, 2015 Cost Per 1,000 gallons	PROPOSED VOLUME CHARGE January 1, 2016 Cost Per 1,000 gallons	PROPOSED VOLUME CHARGE January 1, 2017 Cost Per 1,000 gallons
DOMESTIC SEPTAGE WASTE	\$170.75	\$181.65	\$193.25
INDUSTRIAL SUMP WASTE	\$272.60	\$290.01	\$308.52
GREASE WASTE	\$272.60	\$290.01	\$308.52

** Proposed rates are adjusted by average of RWWS Projected Wholesale Sewer Rate Increases.

**ATTACHMENT “H”
WATER AND SEWER RATE INFORMATION
FROM OTHER ENTITIES
November 2015**

Rate Comparison – Monthly – Inside City

	Water 11,500 Gallons	Sewer 6,500 Gallons	TOTAL Water and Sewer
Billings	41.59	33.42	75.01
Cheyenne	54.67	27.36	82.03
Cody	52.90	22.10	75.00
Evanston	26.77	14.71	41.48
Evansville	35.65	19.27	54.92
Ft. Collins	43.25	37.20	80.45
Gillette	46.43	23.80	70.23
Green River	39.04	16.94	55.98
Lander	54.84	22.15	76.99
Laramie	71.57	33.78	105.35
Midwest/Edgerton	41.00	7.35 – 5.55	48.35 – 46.55
Mills	30.80	14.55	45.35
Pioneer Water & Sewer District	64.87	-	64.87
Rawlins	37.00	14.00	51.00
Riverton	44.55	28.54	73.09
Rock Springs	58.82	35.28	94.10
Sheridan	36.68	31.08	67.76
Wardwell Water & Sewer District	44.82	14.07	58.89
Casper (Existing)	41.52	19.50	61.02
Casper (Proposed – January 1, 2016)	43.02 (3.6%)	20.54 (5.3%)	63.56 (4.1%)
Casper (Proposed – January 1, 2017)	44.51 (3.5%)	21.65 (5.4%)	66.16 (4.0%)

Average monthly residential use in the City of Casper is 11,500 gallons of water and 6,500 gallons of sewer.

ATTACHMENT "I"

RESOLUTION NO. _____

A RESOLUTION ADOPTING AND SETTING FORTH RATES FOR WHOLESALE WATER SERVICE, RETAIL WATER SERVICE, AND SEWER SERVICE FOR THE CITY OF CASPER, WYOMING, AND RESCINDING RESOLUTION ~~41-333~~ 13-311.

WHEREAS, the City of Casper is desirous of changing the fees for wholesale water service, retail water service, and sewer service to appropriately recover the costs involved.

NOW THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE CITY OF CASPER, WYOMING: That Resolution No. ~~41-333~~ 13-311 is hereby rescinded, and the following service rate schedules are hereby adopted, effective January 1, ~~2014~~ 2016, and January 1, ~~2015~~ 2017.

WHOLESALE WATER SERVICE RATES SCHEDULE

Section 1. That on and after the date of January 1, ~~2014~~ 2016, the following wholesale water rates shall be in full force and effect.

- A. For water used by other water districts, water companies, homeowners' associations and water user associations serving not less than the equivalent of twenty ¾" water connections, connected to the Central Wyoming Regional Water System transmission lines and having a wholesale water contract with the City of Casper, the basic rate shall be ~~One Dollar and Eighty Seven Cents (\$1.87)~~ TWO DOLLARS AND NO CENTS (\$2.00) per thousand gallons subject to minimum charges, load factors, or other conditions as specified in the wholesale contract.
- B. For water used by other water districts, water companies, homeowners' associations and water user associations serving not less than the equivalent of twenty ¾" water connections, connected to the City of Casper water transmission lines and having a wholesale water contract with the City of Casper, the basic rate shall be ~~Two Dollars and Sixty Seven Cents (\$2.67)~~ TWO DOLLARS AND EIGHTY-FOUR CENTS (\$2.84) per thousand gallons subject to minimum charges, load factors, or other conditions as specified in the wholesale contract.

Section 2. That on and after the date of January 1, ~~2015~~ 2017, the following wholesale water rates shall be in full force and effect.

- A. For water used by other water districts, water companies, homeowners' associations and water user associations serving not less than the equivalent of twenty ¾" water connections, connected to the Central Wyoming Regional Water System transmission lines and having a wholesale water contract with the City of Casper, the basic rate shall

be ~~One Dollar and Ninety Three Cents (\$1.93)~~ TWO DOLLARS AND SEVEN CENTS (\$2.07) per thousand gallons subject to minimum charges, load factors, or other conditions as specified in the wholesale contract.

- B. For water used by other water districts, water companies, homeowners' associations and water user associations serving not less than the equivalent of twenty ¾" water connections, connected to the City of Casper water transmission lines and having a wholesale water contract with the City of Casper, the basic rate shall be ~~Two Dollars and Seventy Seven Cents (\$2.77)~~ TWO DOLLARS AND NINETY-FOUR CENTS (\$2.94) per thousand gallons subject to minimum charges, load factors, or other conditions as specified in the wholesale contract.

RETAIL WATER SERVICE RATES SCHEDULE

Section 1. That on and after the date of January 1, ~~2014~~ 2016, the following water rates shall be in full force and effect.

- A. For water used within the City limits of the City of Casper, a minimum charge of ~~Seven Dollars and Thirty Six Cents (\$7.36)~~ SEVEN DOLLARS AND SIXTY-TWO CENTS (\$7.62) shall be made and collected for the first one thousand five hundred gallons of water used during each monthly period of the year and on which there shall be no discount, and ~~Three Dollars and Thirty Seven Cents (\$3.37)~~ THREE DOLLARS AND FIFTY-FOUR CENTS (\$3.54) per thousand gallons for each and every thousand gallons consumed in a month thereafter.
- B. For water used outside the City limits of the City of Casper, a minimum charge of ~~Eight Dollars and Eighty Six Cents (\$8.86)~~ NINE DOLLARS AND FORTY-TWO CENTS (\$9.42) shall be made and collected for the first one thousand five hundred gallons of water used, during each monthly period of the year and on which there shall be no discount, and ~~Four Dollars and Thirty Eight Cents (\$4.38)~~ FOUR DOLLARS AND SEVENTY-FIVE CENTS (\$4.75) per thousand gallons thereafter.

Section 2. That on and after the date of January 1, ~~2015~~ 2017, the following water rates shall be in full force and effect.

- A. For water used within the City limits of the City of Casper, a minimum charge of ~~Seven Dollars and Forty Two Cents (\$7.42)~~ SEVEN DOLLARS AND EIGHTY-ONE CENTS (\$7.81) shall be made and collected for the first one thousand five hundred gallons of water used during each monthly period of the year and on which there shall be no discount, and ~~Three Dollars and Forty One Cents (\$3.41)~~ THREE DOLLARS AND SIXTY-SEVEN CENTS (\$3.67) per thousand gallons for each and every thousand gallons consumed in a month thereafter.
- B. For water used outside the City limits of the City of Casper, a minimum charge of ~~Eight Dollars and Ninety Nine Cents (\$8.99)~~ NINE DOLLARS AND SIXTY-NINE CENTS (\$9.69) shall be made and collected for the first one thousand five hundred gallons of

water used, during each monthly period of the year and on which there shall be no discount, and ~~Four Dollars and Forty Six Cents (\$4.46)~~ FOUR DOLLARS AND NINETY-THREE CENTS (\$4.93) per thousand gallons thereafter.

SEWER SERVICE RATE SCHEDULE

Section 1. That on and after the date of January 1, ~~2014~~ 2016, the following sewer rates shall be in full force and effect.

- A. For sewer used within the City limits of the City of Casper, a minimum charge of ~~Six Dollars and Fifty Three Cents (\$6.53)~~ SEVEN DOLLARS AND THIRTY-ONE CENTS (\$7.31) shall be made and collected for the first two thousand gallons of sewer used during each monthly period of the year and on which there shall be no discount, and ~~Two Dollars and Fifty Five Cents (\$2.55)~~ TWO DOLLARS AND NINETY-FOUR CENTS (\$2.94) per thousand gallons for each and every thousand gallons consumed in excess of the first two thousand gallons per month.

The sewer bill shall be based on winter water usage for residential and commercial customers.

Retail residential sewer use only (non-water):

~~\$17.26~~ \$20.54 per month – first unit in building.

~~\$11.63~~ \$13.84 per month – each additional unit in building.

Retail commercial sewer use only (non-water):

To be set by individual contract.

Retail outside-City sewer customers:

Retail outside-City rates are identical to inside-City rates.

- B. User Charge System – The user charge system will be a surcharge to those customers having sewage of abnormally high strength. This charge will recover the costs of service attributable to the quantity of BOD and suspended solids in excess of normal strength sewage. The surcharge will apply when either BOD or suspended solids concentration exceeds 200 or 250 ppm respectively.

EXCESSIVE SEWAGE STRENGTH SURCHARGE FORMULA

Where:

$$S = V_s \times 8.34 [(\$0.222015 \text{ } 0.253633) (BOD - 200) + (\$0.165129 \text{ } 0.190243) (SS - 250)]$$

S = Surcharge in dollars

Vs = Sewage volume in million gallons

8.34 = Pounds per gallon of water

~~\$0.222015~~ 0.253633 = Unit charge for BOD in dollars per pound

BOD = BOD strength index in parts per million by weight

- 200 = Allowed BOD strength in parts per million by weight
- ~~\$0.165129~~ 0.190243 = Unit charge for suspended solids in dollars per pound
- SS = Suspended solids strength index in parts per million by weight
- 250 = Allowed SS strength in parts per million by weight

C. Domestic Septage Service – for use of the domestic septage receiving facility, located at the Sam E. Hobbs Regional Wastewater Treatment facility.

INSIDE COUNTY SERVICE

~~\$154.03~~ \$181.65 per 1,000 gallons

The septage service charge shall be based upon the actual volume of septage discharged at the Wastewater Treatment Plant.

ALL OUTSIDE NATRONA COUNTY DOMESTIC SEPTAGE SHALL HAVE A 40% SURCHARGE ADDED.

D. Non-hazardous Industrial Sump Waste Service – for use of the industrial waste facility, located at the Sam E. Hobbs Regional Wastewater Treatment facility.

INSIDE COUNTY SERVICE

~~\$245.92~~ \$290.01 per 1,000 gallons

Plus additional outside laboratory testing if required.

The non-hazardous industrial sump waste service charge shall be prorated in 250 gallon increments after the initial charge for a minimum of 1,000 gallons.

NON-HAZARDOUS INDUSTRIAL SUMP WASTE SHALL NOT BE ACCEPTED FROM OUTSIDE NATRONA COUNTY.

E. Grease Waste Service – for use of grease waste facilities located at the Sam E. Hobbs Regional Wastewater Treatment Facility.

INSIDE-COUNTY SERVICE

~~\$245.92~~ \$290.01 per 1,000 gallons

The grease waste charge shall be based upon the actual volume of grease waste discharged at the wastewater treatment plant.

ALL OUTSIDE-NATRONA COUNTY GREASE WASTE SHALL HAVE A 40% SURCHARGE ADDED.

SECTION 2. That on and after the date of January 1, ~~2015~~ 2017, the following sewer rates shall be in full force and effect.

- A. For sewer used within the City limits of the City of Casper, a minimum charge of ~~Six Dollars and Ninety Nine Cents (\$6.99)~~ SEVEN DOLLARS AND SIXTY-FIVE CENTS (\$7.65) shall be made and collected for the first two thousand gallons of sewer used during each monthly period of the year and on which there shall be no discount, and ~~Two Dollars and Seventy Eight Cents (\$2.78)~~ THREE DOLLARS AND ELEVEN CENTS (\$3.11) per thousand gallons for each and every thousand gallons consumed in excess of the first two thousand gallons per month.

The sewer bill shall be based on winter water usage for residential and commercial customers.

Retail residential sewer use only (non-water):

~~\$18.69~~ \$21.65 per month – first unit in building.

~~\$12.60~~ \$14.59 per month – each additional unit in building.

Retail commercial sewer use only (non-water):

To be set by individual contract.

Retail outside-city sewer customers:

Retail outside-City rates are identical to inside-City rates.

- B. User charge system – the user charge system will be a surcharge to those customers having sewage of abnormally high strength. This charge will recover the costs of service attributable to the quantity of BOD and suspended solids in excess of normal strength sewage. The surcharge will apply when either BOD or suspended solids concentration exceeds 200 or 250 ppm respectively.

EXCESSIVE SEWAGE STRENGTH SURCHARGE FORMULA

WHERE:

S = VS X 8.34 [~~(\$0.238422~~ \$0.269814) (BOD – 200) + (~~\$0.178834~~ \$0.20238) (SS – 250)]

S = Surcharge in dollars

VS = Sewage volume in million gallons

8.34 = Pounds per gallon of water

~~\$0.238422~~ \$0.269814 = Unit charge for BOD in dollars per pound

BOD = BOD strength index in parts per million by weight

200 = Allowed BOD strength in parts per million by weight

~~\$0.178834~~ \$0.20238 = Unit charge for suspended solids in dollars per pound

SS = Suspended solids strength index in parts per million by weight

250 = Allowed SS strength in parts per million by weight

- C. Domestic Septage Service – for use of the domestic septage receiving facility, located at the Sam E. Hobbs Regional Wastewater Treatment Facility.

INSIDE-COUNTY SERVICE

~~\$170.75~~ \$193.25 per 1,000 gallons

The septage service charge shall be based upon the actual volume of septage discharged at the wastewater treatment plant.

ALL OUTSIDE-NATRONA COUNTY DOMESTIC SEPTAGE SHALL HAVE A 40% SURCHARGE ADDED.

- D. Non-Hazardous Industrial Sump Waste Service – for use of the industrial waste facility, located at the Sam E. Hobbs Regional Wastewater Treatment Facility.

INSIDE-COUNTY SERVICE

~~\$272.60~~ \$308.52 per 1,000 gallons

Plus additional outside laboratory testing if required.

The non-hazardous industrial sump waste service charge shall be prorated in 250 gallon increments after the initial charge for a minimum of 1,000 gallons.

NON-HAZARDOUS INDUSTRIAL SUMP WASTE SHALL NOT BE ACCEPTED FROM OUTSIDE NATRONA COUNTY.

- E. Grease Waste Service – for use of grease waste facilities located at the Sam E. Hobbs Regional Wastewater Treatment Facility.

INSIDE-COUNTY SERVICE

~~\$272.60~~ \$308.52 per 1,000 gallons

The grease waste charge shall be based upon the actual volume of grease waste discharged at the wastewater treatment plant.

ALL OUTSIDE NATRONA COUNTY GREASE WASTE SHALL HAVE A 40% SURCHARGE ADDED.

PASSED, APPROVED, AND ADOPTED this ____ day of _____, 2015.

APPROVED AS TO FORM:

ATTEST:

CITY OF CASPER, WYOMING
A Municipal Corporation

Tracey L. Belser
City Clerk

Charlie Powell
Mayor

DRAFT

December 8, 2015

MEMO TO: V.H. McDonald, City Manager

FROM: Andrew Beamer, Public Services Director
Cynthia M. Langston, Solid Waste Division Manager

SUBJECT: Establishing New Resolution for Residential and Commercial Solid Waste Collection, Recycling and Disposal at the Casper Solid Waste Facility and rescinding Resolution No. 14-198 pertaining to establishing rates for residential and Commercial Solid Waste Collection, Recycling and Disposal at the Casper Solid Waste Facility.

Recommendation:

That Council, by resolution, adopt revisions to the current residential and commercial solid waste collection, recycling, and disposal fees at the Casper Solid Waste Facility, to become effective January 1, 2016 and January 1, 2017, and rescind Resolution No. 14-198.

Summary:

Staff and the Council Solid Waste Advisory Committee met on November 25, 2015 to discuss user rates for commercial trash collection, residential trash collection, and balefill tipping fees. During this meeting, continued increasing costs for refuse collection and balefill operations were discussed. The continued increases are due to rising costs in:

- ✓ Truck & heavy equipment (high cost of steel & updated air emission systems & hybrids)
- ✓ Electricity and natural gas
- ✓ Employee payroll & benefits (step increases & health insurance)
- ✓ Higher costs of construction and contractual work

This memorandum outlines the cash flow assumptions made for refuse collection and balefill funds as well as provides a recommendation from staff to the Council Solid Waste Advisory Committee on how to fund the required capital improvements and rising operational costs. The forecasted cash flow assumptions for the next ten (10) years for city of Casper's balefill and refuse collection enterprise funds include:

1. A 1.13% rate of growth in Natrona County.
2. A 2.00% rate of inflation for operation and maintenance expenses and employee cost of living adjustments each year for the next ten years. Operation and maintenance expenses include electricity, natural gas, and trucks/heavy equipment.
3. A 4.00% rate of inflation per year for rising employee health insurance costs.
4. A 4% rate of inflation per year for materials and supplies.
5. A 1.25% return on investment for Fiscal Year (FY) 2016 through FY 2028.
6. 18,430 residential refuse collection accounts for the city of Casper in FY 2014-2015.

7. Loan payments on approximately \$2.1 million from the State Revolving Fund for construction of the first lined landfill cell in 2009. The loan is a 20 year loan at 2.5% interest.
8. Loan payments on approximately \$6.1 million from the State Revolving Fund for renovation of the 1983 baler building in fiscal year 2016. Note: there are no reserves in the balefill fund for renovations to the baler building.
9. Groundwater cleanup costs will be paid by the State of Wyoming through the State Revolving Fund and Landfill Remediation HB065. The associated Landfill Gas Control & Collection System (GCCS) construction is planned for fiscal year 2016. Note: there are no reserves in the balefill fund for any future groundwater contamination projects. Groundwater contamination is from the old unlined landfill.
10. Rate adjustments needed for new and replacement capital equipment and facilities with the cash flow assumptions listed above. The Balefill and Refuse Collection Rate Model Plans with the associated capital plans are as reflected in provided attachments.

After discussing funding scenarios for capital improvement and various cash flow assumptions with the Solid Waste Advisory Committee, staff recommends that Council:

1. increase the balefill tipping fee from \$46 per ton to \$47 per ton (2.17% increase) effective January 1, 2016
2. borrow money from the State Revolving Fund for renovations to the baler building in fiscal year 2016
3. increase the monthly residential trash collection fee by \$0.20 (1.35% increase) effective January 1, 2016 and by \$0.20 (1.33% increase) effective January 1, 2017.
4. increase commercial trash collection by an average of 1.5% effective January 1, 2016 and 1.5% effective January 1, 2017.

In addition to rate increases, staff has included a number of new charges within the attached rate resolution, Appendix A. A summary of the proposed changes follows:

Residential Collection Summary:

(Refer to proposed new rate resolution, Appendix A)

Paragraph A.1. Residential Weekly Collection Pickup Service Fees

A 1.35% and 1.33% residential collection increase for Casper residents is proposed over the next two (2) years. The monthly residential rate increases from \$14.80 to \$15.00 effective January 1, 2016 and from \$15.00 to \$15.20 effective January 1, 2017. The residential fee includes automated weekly collection and disposal (cost of baling and burying) of no more than 100 gallons of garbage. Additionally, every resident receives 22 extra collection service days, household hazardous waste disposal services, composting and recycling programs, and one free balefill pass per month as part of this monthly fee.

Paragraph A.5. “On Call” Collection Fees

The fees associated with residential, on-call metal bins have been raised. This service provides residential customers with the option of having a commercial on-call metal trash container placed at their residence for items such as remodeling, spring cleaning, etc.

Paragraph B.1. Commercial Weekly Collection Pickup Fees

The monthly rates for weekly pickup of commercial trash containers sizes one, two, three, four, six, and eight yards are raised as reflected in rate tables presented in Attachment A rate resolution. These increases represent raised commercial rates by an average of 1.5% effective January 1, 2016 and 1.5% effective January 1, 2017.

Paragraph B.3. Additional Requested Pickup Fees

An additional fee is established for additional pickups of commercial containers placed for weekly service pickup. The current fee is raised to recover the actual costs to collect the container. The cost of gasoline and wear and tear on the collection truck is the same for all container sizes and a minimum of \$44.00 per trip is needed to recover the actual costs.

Paragraph B.8. Public/Private School Solid Waste

Schools have historically received a 25% reduction of the commercial solid waste fees found in Section B.1 due to the decreases in waste during school breaks. However, in recent years, waste reductions have not been significant on an annual basis. Wording has changed to clarify a 25% reduction in rates may apply.

Paragraph D.1.a. and c.

The current tipping fee for most solid waste delivered to the Casper Solid Waste Facility is \$46.00 per ton. A 30% surcharge fee applies to customer outside Natrona County with the exception of communities with solid waste agreements. Staff recommends raising this fee to \$47.00 per ton on January 1, 2016. This new fee will assist in covering the costs associated with replacement capital (such as baler building upgrades and equipment replacement) and future capital construction of lined cells and closing full cells.

Paragraph D.1.d.

By fall of 2016, construction to expand the compost yard by five (5) acres will be complete. Part of the expansion includes a fenced, gated controlled drop off yard for commercial customers to use 24 hours per day, 7 days per week (aka 24/7). Commercial customers will be provided an access card for the gate and informed

if any material other than yard waste is dropped off; they will lose their privileges to the 24/7 yard. The fenced, gated drop off area will have lighting and a camera. This new area was constructed in an effort to reduce wait times for all customers.

With this new service, city staff will no longer be able to charge for grass coming into the compost yard via the scale house; therefore, a monthly service fee for the 24/7 drop off yard of \$50 per month replaces the \$10 per load fee.

Paragraph D.2.d

The current tipping fees for friable asbestos and other special wastes requiring special handling as required by WDEQ in our landfill permit has an established rate of \$85 per ton. To be competitive with other landfill disposal rates for large quantities of friable asbestos (more than five 55-gallon containers), the rate for needs to be \$55 per ton; therefore, a new large quantity friable asbestos rate is created.

Staff recommends that these fees become effective on January 1, 2016 and January 1, 2017 as noted. Appendices B (Refuse Collection Rate Model Plan and Capital Summary) and C (Balefill Rate Model Plan and Capital Summary) are attached for Council's review.

A resolution is prepared for Council's consideration and is included as Appendix A.

APPENDIX A

RESOLUTION NO. 15- ____

A RESOLUTION ESTABLISHING RATES FOR RESIDENTIAL AND COMMERCIAL SOLID WASTE COLLECTION, RECYCLING AND DISPOSAL AT THE CASPER REGIONAL SOLID WASTE FACILITY, AND RESCINDING RESOLUTION NO. 14-198.

NOW, THEREFORE, BE IT RESOLVED BY THE GOVERNING BODY OF THE CITY OF CASPER, WYOMING; That the following rates are hereby established for the collection, recycling and disposal of garbage, recyclables and refuse effective January 1, 2016 except where noted otherwise..

A. RESIDENTIAL SOLID WASTE COLLECTION SERVICES

1. Single-Family Resident and Multi-Family
 - a. Garbage Collection \$15.00 Monthly (Per Unit Charge)
\$15.20 Monthly (Per Unit Charge)
Effective January 1, 2017
2. Additional Requested Pickup Services \$12.00 Per 90 Gallon Container
\$36.00 Per 300 Gallon Container
3. Extra Collection
 - a. Three Large Items Included in A.1.
 - b. Each Additional Minute of Collection \$10.00
4. Special Collection \$50.00 Minimum Charge
 - a. First Five Minutes Included
 - b. Each Additional Minute of Collection \$10.00

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5. Residential "On Call" Metal Bin

See Following Table

a.
Effective July 1, 2016

Bin Size	Delivery and Removal	One Normal MSW Dump	Construction Waste (Heavy or Dense)
2 Cubic Yard	\$30	\$47	\$63
3 Cubic Yard	\$30	\$47	\$74
4 Cubic Yard	\$30	\$58	\$85
6 Cubic Yard	\$30	\$63	\$105
8 Cubic Yard	\$30	\$81	\$115

Effective January 1, 2017

Bin Size	Delivery and Removal	One Normal MSW Dump	Construction Waste (Heavy or Dense)
2 Cubic Yard	\$30	\$48	\$64
3 Cubic Yard	\$30	\$48	\$75
4 Cubic Yard	\$30	\$59	\$86
6 Cubic Yard	\$30	\$64	\$107
8 Cubic Yard	\$30	\$82	\$117

b. Container Rental After Two Weeks Of Non-Use, or Container Removed Before Two Weeks of Non-Use \$5.00 Per Day
No Charge

6. Special Permits \$4.00 Monthly

7. Residential Penalty Fees

a. Habitual Late Set Out \$15.00

b. Extremely Dense or Heavy Waste* \$20.00 Per 90-100 Gallon Container
* concrete, dirt, sand, sludge, or \$60.00 Per 300 Gallon Container
garbage contents weighing more \$75.00 Per 400 Gallon Container
than 500 pounds

The City Manager or his/her designee shall impose a fee of \$15.00, \$30.00 or \$100.00 per incident for residential or commercial customers not complying with City regulations defined in Sections 8.32.040(a) and 8.32.050 of the Casper Municipal Code, in addition to any other charges otherwise due the City by residential customers.

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B. COMMERCIAL SOLID WASTE COLLECTION SERVICES

1. Commercial Collection Tables*

Effective January 1, 2016

Number of Trash Pickup Services Per Week	1 Yard Bin Monthly Charges	2 Yard Bin Monthly Charges	3 Yard Bin Monthly Charges	4 Yard Bin Monthly Charges	6 Yard Bin Monthly Charges	8 Yard Bin Monthly Charges	90 Gallon Bin Monthly Charges	200 Gallon Bin Monthly Charges	300 Gallon Bin Monthly Charges	400 Gallon Bin Monthly Charges
One	\$49	\$65	\$80	\$99	\$132	\$171	\$16	\$32	\$49	\$65
Two	\$98	\$130	\$160	\$198	\$264	\$341	\$32	\$65	\$97	\$130
Three	\$147	\$195	\$240	\$297	\$397	\$512	\$49	\$97	\$146	\$195
Four	\$196	\$260	\$321	\$397	\$529	\$682	\$65	\$130	\$195	\$260
Five	\$246	\$325	\$400	\$495	\$661	\$853	\$81	\$162	\$244	\$325
Six	\$294	\$390	\$480	\$587	\$793	\$1023	\$97	\$195	\$292	\$390

*If commercial customer provides trash container, a 7% reduction is applied to the rate.

NOTE: The monthly charges are linear for each bin size; therefore, charges for multiple bins are multiplied by the number of bins.

Effective January 1, 2017

Number of Trash Pickup Services Per Week	1 Yard Bin Monthly Charges	2 Yard Bin Monthly Charges	3 Yard Bin Monthly Charges	4 Yard Bin Monthly Charges	6 Yard Bin Monthly Charges	8 Yard Bin Monthly Charges	90 Gallon Bin Monthly Charges	200 Gallon Bin Monthly Charges	300 Gallon Bin Monthly Charges	400 Gallon Bin Monthly Charges
One	\$50	\$66	\$82	\$100	\$134	\$174	\$16	\$32	\$50	\$66
Two	\$99	\$132	\$162	\$201	\$268	\$346	\$32	\$66	\$98	\$132
Three	\$149	\$198	\$244	\$301	\$403	\$520	\$50	\$98	\$148	\$198
Four	\$199	\$264	\$326	\$403	\$537	\$692	\$66	\$132	\$198	\$264
Five	\$250	\$330	\$406	\$502	\$671	\$866	\$82	\$164	\$248	\$330
Six	\$298	\$396	\$487	\$596	\$805	\$1038	\$98	\$198	\$296	\$396

*If commercial customer provides trash container, a 7% reduction is applied to the rate.

Commercial Collection Tables*

2. Special Collection \$50.00 Minimum Charge
 - a. First Five Minutes Included
 - b. Each Additional Minute of Collection \$10.00

3. Additional Requested Collection (must provide request for additional collection by 10:00 a.m., one day prior to requested date)

See Following Table

Effective January 1, 2016

Bin Size	Delivery and Removal	One Normal MSW Dump	Construction Waste (Heavy or Dense)
2 Cubic Yard	\$30	\$47	\$63
3 Cubic Yard	\$30	\$47	\$74
4 Cubic Yard	\$30	\$58	\$85
6 Cubic Yard	\$30	\$63	\$105
8 Cubic Yard	\$30	\$81	\$115

Effective January 1, 2017

Bin Size	Delivery and Removal	One Normal MSW Dump	Construction Waste (Heavy or Dense)
2 Cubic Yard	\$30	\$48	\$64
3 Cubic Yard	\$30	\$48	\$75
4 Cubic Yard	\$30	\$59	\$86
6 Cubic Yard	\$30	\$64	\$107
8 Cubic Yard	\$30	\$82	\$117

4. Commercial "On Call" Metal Bin See A.5.a., Residential "On Call" Metal Bin
5. Overfilled Bins \$ 10.00 Per Yard
6. Commercial Penalty Fees
- a. Habitual Customer Call Backs \$ 15.00
- b. Extremely Dense or heavy Waste* Double Fees
 *concrete, dirt, sand, sludge or garbage contents weighing more than 500 pounds
7. Roll Off Container Services
- a. Delivery Fee \$ 65.00

D. DISPOSAL CHARGES AT CASPER REGIONAL SOLID WASTE FACILITY

1. Municipal Solid Waste (MSW) Disposal Charges for residents of Natrona County. See Table Below. NOTE: An additional 30% fee will be assessed for individuals residing outside of Natrona County, with the exception of those individuals residing within jurisdictions having written agreements with the City of Casper.

a.

	Natrona County Residents and Other Residents Residing Within Jurisdictions Having Written Agreements with the City of Casper	Outside-Natrona County Residents
Residential Garbage	\$47.00 Per Ton Effective 1/1/16	\$61.00 Per Ton Effective 1/1/16
Automobile	\$5.00 Per Automobile	\$6.50 Per Automobile
10-Foot OR LESS Pickup Bed Quantity	\$15.00 Per Bed	\$19.50 Per Bed
Chlorofluorocarbon (CFC) Containing Appliances	\$30.00 Per Item (If Doors on Appliance) \$25.00 Per Item (If Doors Removed From Appliance)	\$39.00 Per Item (If Doors on Appliance) \$32.50 Per Item (If Doors Removed From Appliance)
Passenger Cars and Pickup Tires	\$3.00 Per Tire (Limit Four)	\$3.90 Per Tire (Limit Four)
Heavy Truck Tires or Semi Tires	\$6.00 Per Tire (Limit Four)	\$7.80 Per Tire (Limit Four)
Tires Larger Than 10 Inches in Width and 22 Inches in Diameter	\$2.00 Per Pound	\$2.60 Per Pound
Electronics	No Charge	No Charge
Fluorescent Bulbs	No Charge	No Charge

b. Residential Garbage Exceptions

Water Bill Punch Pass	Included in Monthly Rate	N/A
Household Hazardous Waste	No Charge	No Charge
Clean Yard or Green Waste	No Charge	No Charge
Clean Metals or Appliances	No Charge (Non CFC)	No Charge (Non CFC)

The City Manager or his/her designee shall impose a fee of \$15.00 per load, in addition to any other charges otherwise due the City by residential customers transporting unsecured loads, as defined in Sections 8.40.100(a) and 8.32.140(f) of the Casper Municipal Code, to the solid waste facility. Upon payment of the additional \$15.00 fee for unsecured loads, the City may, based upon available supplies, provide such user a tarp, mess cord, or other device to prevent material from blowing or otherwise falling out of any such vehicle.

c.

	Natrona County	Outside-Natrona County Businesses
Commercial Municipal Solid Waste Garbage	\$47.00 Per Ton	\$61.00 Per Ton
	Effective 1/1/16	Effective 1/1/16
8-Foot Pickup Bed Quantity	\$15.00 Per Bed	\$19.50 Per Bed
Chlorofluorocarbon (CFC) Containing Appliances	\$30.00 Per Item (If Doors on Appliance) \$25.00 Per Item (If Doors Removed From Appliance)	\$39.00 Per Item (If Doors on Appliance) \$32.50 Per Item (If Doors Removed From Appliance)
Passenger Cars and Pickup Tires	\$3.00 Per Tire (Limit Four)	\$3.90 Per Tire (Limit Four)
Heavy Truck Tires or Semi Tires	\$6.00 Per Tire (Limit Four)	\$7.80 Per Tire (Limit Four)
Tires Larger Than 10 Inches in Width and 22 Inches in Diameter	\$2.00 Per Pound	\$2.60 Per Pound

Electronics	\$0.40 Per Pound	\$.52 Per Pound
Fluorescent Light Bulbs	\$1.00 Per Bulb	\$1.30 Per Bulb

d. Commercial Garbage Exceptions

Clean Yard or Green Waste Other Than Grass (Check-in at Scale House)	No Charge	No Charge
Clean Yard or Green Waste (Check-in at 24/7 Compost Yard)	\$50 per Month	\$65 per Month
Grass (Check-in at Scale House)	\$10 Per Truck Load	\$13 Per Truck Load
Clean Metals or Appliances	No Charge (Non CFC)	No Charge (Non CFC)

The City Manager or his/her designee shall impose a fee of \$50.00 per load, in addition to any other charges otherwise due the City by commercial customers transporting unsecured loads, as defined in Sections 8.40.100(a) and 8.32.140(f) of the Casper Municipal Code, to the solid waste facility.

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2. Other Solid Waste

- a. Minimum Charge – Unless Specified \$ 55.00 Per Ton
- b. Waste Used as Alternate Daily Cover (ADC) or Clean Untreated Wood \$ 26.00 Per Ton
- c. Petroleum Contaminated Soils with TPH DRO/GRO 8015 Test Results \$ 55.00 Per Ton*
 *After 1000 tons disposed per project a reduced rate of \$27.50 may apply.
 - 0-10,000 PPM TPH No Lab Surcharge
 - 10,000-15,000 PPM TPH \$250.00 Lab Surcharge, Plus Any Required Additional Laboratory or Disposal Costs Over the Surcharge
 - 15,000- PPM TPH \$500.00 Lab Surcharge, Plus Any Required Additional Laboratory or Disposal Costs Over the Surcharge

NOTE: Laboratory Work Must be From a Local EPA-Certified Laboratory

- d. Friable Asbestos or Other Waste Requiring Special Handling \$85.00 Per Ton*
 *After five (5) 55-gallon drums disposed per project a reduced rate of \$55.00 may apply.
- e. Trailers or Mobile Homes Too Large for Scale \$ 1,500 Minimum Additional Special Handling or Cell Development Fee May Apply
- f. Inert Waste (Construction and Demolition Waste that cannot be Baled) \$26 Per Ton Unlined Landfill Cell
- g. Mixed Wastes \$96 Per Ton

E. CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR (CESQG) HAZARDOUS WASTE

Rates will cover actual disposal costs. Disposal costs vary with market pricing and a current rate sheet will be available at the City’s solid waste facility.

F. ADOPT-A-STREET PROGRAM

Fees Waived

Certificates may be issued by the Solid Waste Division in cooperation with the Casper Adopt-A-Street Program. The Adopt-A-Street Program is operated by Keep Casper Beautiful in conjunction with the Casper Area Chamber of Commerce.

G. NON PROFIT THRIFT STORES

B.7. Fees Apply, with
B.7.c. Fees Waived
D.1.c. Fees Apply, with
Electronic Fees
Waived

H. COMPOST YARD PRODUCTS

Compost Yard Product	Description	Retail Price Per Cubic Yard or Per 5-gal	Wholesale Price Per Cubic Yard*
4" Natural Mulch	Single Ground Tree Branches or Clean Wood	\$12.50	\$8.50
4" Natural Mulch 5 Gallons	Single Ground Tree Branches or Clean Wood in reusable 5-gallon bucket.	\$0.35	Not Available
2" Natural Mulch	Double Ground Tree Branches or Clean Wood	\$16.50	\$12.50
2" Natural Mulch 5 Gallons	Double Ground Tree Branches or Clean Wood in reusable 5-gallon bucket.	\$0.50	Not Available
Natural Fine Mulch	Wood Fines from screened double ground tree branches or clean wood	\$9.00	\$6.00
Natural Fine Mulch 5 Gallons	Wood Fines from screened double ground tree branches or clean wood in a reusable 5-gallon bucket.	\$0.75	Not Available
Colored Mulch	Double Ground Tree Branches or Clean Wood that has been Dyed Red, Black, Gold, Brown or other color.	\$35.00	\$30.00
Colored Mulch 5 Gallons	Double Ground Tree Branches or Clean Wood that has been Dyed Red, Black, Gold, Brown or other color in reusable 5-gallon bucket.	\$1.00	Not Available
Compost	Composted Yard Waste	\$20.00	\$18.00
Compost 5 Gallons	Composted Yard Waste in reusable 5-gallon bucket.	\$1.00	Not Available
Screened Top Soil	Sod dirt or top soil that has been through a 1/2" screen.	\$25.00	Not Available
Amended Top Soil	A combination of top soil, sand, fine mulch and compost	\$35.00	Not Available
Wood Pallet		\$0.25 each	\$0.25 ea
5-gallon Bucket	A 5-gallon bucket with no lid to carry product	\$4.00 each**	Not Available
Loading	Loading of material to customer vehicle.	\$10 per load	Not Available

*Commercial company pre-ordered purchases only.

**Price for 5-gallon bucket may vary with market costs.

Natrona County residents may receive one free yard of any natural mulch product or compost with receipt for one yard of yard waste material (except grass) brought to the scale house (receipt must be within one year of the time they collect the natural mulch product or compost). Loading Fee with this program is \$15 per Load.

BE IT FURTHER RESOLVED: That Resolution No. 14-198 pertaining to fees for the collection, disposal or recycling of solid waste is hereby rescinded.

APPROVED AS TO FORM:

PASSED, APPROVED, AND ADOPTED this ____ day of _____, 2015.

ATTEST:

CITY OF CASPER, WYOMING
A Municipal Corporation:

Tracey Belser
City Clerk

Charlie Powell
Mayor

**CITY OF CASPER SOLID WASTE DIVISION
REFUSE COLLECTION RATE MODEL PLAN
Dec-15**

	ACTUALS '15	BUDGET '16	FORECASTED '17	FORECASTED '18	FORECASTED '19	FORECASTED '20	FORECASTED '21	FORECASTED '22	FORECASTED '23	FORECASTED '24	FORECASTED '25	FORECASTED '26	FORECASTED '27	FORECASTED '28
Sanitation Revenue														
Residential Charges	\$3,692,522	\$3,687,560	\$3,743,616	\$3,812,916	\$3,882,962	\$3,902,419	\$3,922,129	\$3,942,095	\$3,962,320	\$3,982,809	\$4,003,564	\$4,024,588	\$4,045,886	\$4,067,461
Commercial Charges	2,224,168	2,254,965	2,332,686	2,390,536	2,449,874	2,510,739	2,573,169	2,637,207	2,702,895	2,770,274	2,839,391	2,910,289	2,983,017	3,057,621
Recycling Commodity Revenue	78,004	101,500	101,500	101,500	101,500	101,500	101,500	101,500	101,500	101,500	101,500	101,500	101,500	101,500
Administrative Fees & Other	35,152	73,700	74,533	75,375	76,227	77,088	77,959	78,840	79,731	80,632	81,543	82,465	83,396	84,339
Total Revenues	\$5,951,842	\$6,016,225	\$6,150,835	\$6,278,828	\$6,409,063	\$6,490,246	\$6,573,257	\$6,658,142	\$6,744,946	\$6,833,715	\$6,924,498	\$7,017,342	\$7,112,299	\$7,209,421
Operating Expenses														
Personnel Services	\$1,412,187	\$1,468,825	\$1,638,201	\$1,670,965	\$1,704,384	\$1,738,472	\$1,773,241	\$1,808,706	\$1,844,880	\$1,881,778	\$1,919,414	\$1,957,802	\$1,996,958	\$2,036,897
Health Insurance	139,846	145,440	151,258	157,308	163,600	170,144	176,950	184,028	191,389	199,045	207,006	215,287	223,898	232,854
Contractual Services	1,020,983	1,229,277	1,196,851	1,220,788	1,245,204	1,270,108	1,295,510	1,321,421	1,347,849	1,374,806	1,402,302	1,430,348	1,458,955	1,488,134
Balefill Contractual	2,116,913	1,978,951	2,030,429	2,050,207	2,103,460	2,124,187	2,179,270	2,200,983	2,257,957	2,280,692	2,339,618	2,363,415	2,424,355	2,449,254
N. Platte River Revival	21,624	22,056	22,498	22,948	23,407	23,875	24,352	24,839	25,336	25,843	26,360	26,887	27,424	27,973
Materials & Supplies	32,548	33,524	34,530	35,566	36,633	37,732	38,864	40,029	41,230	42,467	43,741	45,054	46,405	47,797
Depreciation	592,012	648,760	724,288	763,401	802,180	828,800	827,588	849,152	878,970	911,714	940,989	968,780	954,140	962,569
Total Expenses	\$5,336,112	\$5,526,832	\$5,798,054	\$5,921,182	\$6,078,867	\$6,193,318	\$6,315,775	\$6,429,159	\$6,587,612	\$6,716,345	\$6,879,429	\$7,007,571	\$7,132,135	\$7,245,478
Operating Income/(Loss)	\$615,729	\$489,392	\$352,780	\$357,645	\$330,196	\$296,928	\$257,482	\$228,984	\$157,334	\$117,370	\$45,068	\$9,771	(\$19,836)	(\$36,058)
Nonoperating Revenues / (Expenses)														
Interest Income	\$22,572	\$19,407	\$50,968	\$89,758	\$100,002	\$113,574	\$124,664	\$136,818	\$149,990	\$171,777	\$189,603	\$205,739	\$224,069	\$247,355
Bad Debt Expense/Investment Gains/Other	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)	(20,000)
River Revival	39,250	15,750	15,750	15,750	15,750	15,750	15,750	15,750	15,750	15,750	15,750	15,750	15,750	15,750
Other (carry over-encumbrances)	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Reserve Transfer/Expense	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Nonoper. Rev./Exp.	\$41,822	\$15,157	\$46,718	\$85,508	\$95,752	\$109,324	\$120,414	\$132,568	\$145,740	\$167,527	\$185,353	\$201,489	\$219,819	\$243,105
Total Net Income	\$657,551	\$504,549	\$399,498	\$443,154	\$425,948	\$406,252	\$377,896	\$361,552	\$303,074	\$284,898	\$230,421	\$211,260	\$199,984	\$207,048
Source Of Funds														
Net Income	\$657,551	\$504,549	\$399,498	\$443,154	\$425,948	\$406,252	\$377,896	\$361,552	\$303,074	\$284,898	\$230,421	\$211,260	\$199,984	\$207,048
Depreciation	592,012	648,760	724,288	763,401	802,180	828,800	827,588	849,152	878,970	911,714	940,989	968,780	954,140	962,569
Other														
Total Sources	\$1,249,563	\$1,153,309	\$1,123,786	\$1,206,554	\$1,228,128	\$1,235,053	\$1,205,484	\$1,210,704	\$1,182,044	\$1,196,612	\$1,171,410	\$1,180,040	\$1,154,123	\$1,169,617
Use Of Funds														
Capital Projects-New	\$2,457,581	\$532,350	\$1,846,000	\$81,696	\$105,429	\$93,201	\$94,015	\$86,872	\$87,775	\$98,726	\$159,728	\$100,784	\$1,101,896	\$103,068
Capital Projects-Replacement	845,277	601,600	956,400	1,025,008	1,083,692	1,022,456	826,402	830,534	1,119,756	734,070	1,098,281	1,062,992	917,808	1,137,732
Total Use of Funds	\$3,302,858	\$1,133,950	\$2,802,400	\$1,106,704	\$1,189,121	\$1,115,657	\$920,417	\$917,406	\$1,207,530	\$832,796	\$1,258,009	\$1,163,776	\$2,019,704	\$1,240,800
Net Sanitation Capital Expenses	(\$2,053,295)	\$19,359	(\$1,678,614)	\$99,850	\$39,007	\$119,396	\$285,067	\$293,298	(\$25,486)	\$363,816	(\$86,599)	\$16,264	(\$865,581)	(\$71,183)
Net Cash Flow	(\$2,053,295)	\$19,359	(\$1,678,614)	\$99,850	\$39,007	\$119,396	\$285,067	\$293,298	(\$25,486)	\$363,816	(\$86,599)	\$16,264	(\$865,581)	(\$71,183)
Cash-Beginning Period	\$4,827,780	\$2,979,380	\$2,998,739	\$1,320,125	\$1,419,975	\$1,458,982	\$1,578,378	\$1,863,445	\$2,156,743	\$2,131,257	\$2,495,073	\$2,408,474	\$2,424,738	\$1,559,157
Cash- End Of Period	\$2,979,380	\$2,998,739	\$1,320,125	\$1,419,975	\$1,458,982	\$1,578,378	\$1,863,445	\$2,156,743	\$2,131,257	\$2,495,073	\$2,408,474	\$2,424,738	\$1,559,157	\$1,487,974
% Increase Needed	1.03%	1.02%	1.35%	1.33%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
Needed Residential Rates	\$14.65	\$14.80	\$15.00	\$15.20	\$15.20	\$15.20	\$15.20	\$15.20	\$15.20	\$15.20	\$15.20	\$15.20	\$15.20	\$15.20
Average Commercial Rate Increase (Decrease)	2.00%	2.00%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%	1.50%
Recommend Min Reserves	\$1,226,987	\$1,307,919	\$1,388,014	\$1,414,168	\$1,449,698	\$1,475,959	\$1,508,269	\$1,532,247	\$1,569,334	\$1,592,148	\$1,630,356	\$1,658,368	\$1,709,153	\$1,739,555

CITY OF CASPER-SOLID WASTE DIVISION
 LONG TERM CAPITAL IMPROVEMENT PLAN
 REFUSE COLLECTION - 2015 SUMMARY

	FORCASTED FISCAL YEAR 2016	FORCASTED FISCAL YEAR 2017	FORCASTED FISCAL YEAR 2018	FORCASTED FISCAL YEAR 2019	FORCASTED FISCAL YEAR 2020	FORCASTED FISCAL YEAR 2021	FORCASTED FISCAL YEAR 2022	FORCASTED FISCAL YEAR 2023	FORCASTED FISCAL YEAR 2024	FORCASTED FISCAL YEAR 2025	FORCASTED FISCAL YEAR 2026	FORCASTED FISCAL YEAR 2027	FORCASTED FISCAL YEAR 2028
CITY OF CASPER SANITATION													
1) NEW CAPITAL													
Residential	\$437,350	\$1,778,000	\$13,696	\$34,429	\$15,201	\$16,015	\$16,872	\$17,775	\$18,726	\$79,728	\$20,784	\$521,896	\$23,068
Commercial	\$95,000	\$68,000	\$68,000	\$71,000	\$78,000	\$78,000	\$70,000	\$70,000	\$80,000	\$80,000	\$80,000	\$580,000	\$80,000
TOTAL NEW CAPITAL	\$532,350	\$1,846,000	\$81,696	\$105,429	\$93,201	\$94,015	\$86,872	\$87,775	\$98,726	\$159,728	\$100,784	\$1,101,896	\$103,068
2) REPLACEMENT CAPITAL													
Residential	\$534,500	\$882,700	\$374,608	\$621,592	\$378,656	\$385,802	\$388,034	\$1,025,356	\$667,770	\$400,281	\$592,892	\$410,608	\$413,432
Commercial	\$67,100	\$73,700	\$650,400	\$462,100	\$643,800	\$440,600	\$442,500	\$94,400	\$66,300	\$698,000	\$470,100	\$507,200	\$724,300
TOTAL REPLACEMENT CAPITAL	\$601,600	\$956,400	\$1,025,008	\$1,083,692	\$1,022,456	\$826,402	\$830,534	\$1,119,756	\$734,070	\$1,098,281	\$1,062,992	\$917,808	\$1,137,732
NEW AND REPLACEMENT CAPITAL													
Residential	\$971,850	\$2,660,700	\$388,304	\$656,021	\$393,857	\$401,817	\$404,906	\$1,043,130	\$686,496	\$480,009	\$613,676	\$932,504	\$436,500
Commercial	\$162,100	\$141,700	\$718,400	\$533,100	\$721,800	\$518,600	\$512,500	\$164,400	\$146,300	\$778,000	\$550,100	\$1,087,200	\$804,300
TOTAL NEW AND REPLACEMENT CAPITAL	\$1,133,950	\$2,802,400	\$1,106,704	\$1,189,121	\$1,115,657	\$920,417	\$917,406	\$1,207,530	\$832,796	\$1,258,009	\$1,163,776	\$2,019,704	\$1,240,800

CITY OF CASPER SOLID WASTE DIVISION BALEFILL RATE MODEL PLAN Nov-15														
	BUDGET FY15	BUDGET FY16	FORECASTED FY17	FORECASTED FY18	FORECASTED FY19	FORECASTED FY20	FORECASTED FY21	FORECASTED FY22	FORECASTED FY23	FORECASTED FY24	FORECASTED FY25	FORECASTED FY26	FORECASTED FY27	FORECASTED FY28
Income:														
City Refuse Collection Revenue	\$1,960,087	\$1,978,951	\$2,030,429	\$2,050,207	\$2,103,460	\$2,124,187	\$2,179,270	\$2,200,983	\$2,257,957	\$2,280,692	\$2,339,618	\$2,363,415	\$2,424,355	\$2,449,254
Administrative/Management Fees	158,500	158,500	158,500	158,500	158,500	158,500	158,500	158,500	158,500	158,500	158,500	158,500	158,500	158,500
Private Haulers Revenue	4,405,549	4,349,549	4,445,322	4,445,322	4,541,095	4,541,095	4,636,868	4,636,868	4,732,640	4,732,640	4,828,413	4,828,413	4,924,186	4,924,186
Miscellaneous Fees & Charges	217,686	219,863	222,062	224,283	226,525	228,791	231,079	233,389	235,723	238,080	240,461	242,866	245,295	247,747
Interest Income & Gain/Loss on Sale of Investments	28,900	28,900	28,900	28,900	28,900	28,900	28,900	28,900	28,900	28,900	28,900	28,900	28,900	28,900
WDEQ GRANT for Groundwater Cleanup	2,227,500													
COMMUNITY AGREEMENT CAPITAL BUY-IN PAYMENTS	191,905	191,905	87,200	87,200										
SLIB SRF Loan for Baler Bldg Expansion		6,126,000												
PILT- Franchise Fees (Transfer Inn)	271,490	271,490	271,490	271,490	271,490	271,490	271,490	271,490	271,490	271,490	271,490	271,490	271,490	271,490
Total Revenues	\$9,461,618	\$13,325,158	\$7,243,903	\$7,265,902	\$7,329,970	\$7,352,962	\$7,506,106	\$7,530,130	\$7,685,210	\$7,710,303	\$7,867,382	\$7,893,584	\$8,052,725	\$8,080,077
Expenses:														
Personnel Services	1,533,339	1,564,006	1,680,286	1,713,892	1,748,170	1,783,133	1,818,796	1,855,172	1,892,275	1,930,120	1,968,723	2,008,097	2,048,259	2,089,224
Health Insurance	201,430	209,488	217,867	226,582	235,645	245,071	254,874	265,069	275,671	286,698	298,166	310,093	322,496	335,396
Contractual Services	1,539,674	1,570,467	1,728,285	1,792,315	1,858,804	1,927,849	1,999,550	2,074,010	2,151,339	2,231,648	2,315,054	2,401,679	2,491,650	2,585,098
Materials & Supplies	752,078	782,161	804,785	828,141	852,254	877,151	902,860	929,411	956,832	985,154	1,014,411	1,044,635	1,075,861	1,108,124
Depreciation	495,939	675,935	764,171	819,162	874,629	907,779	952,193	1,000,074	1,051,205	1,106,460	1,166,160	1,230,493	1,299,793	1,374,066
Bad Debt Expense	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000	10,000
Total Reserve Accrual Expense	970,000	1,050,000	650,000	650,000	680,000	680,000	680,000	680,000	680,000	680,000	680,000	680,000	680,000	680,000
New Landfill Accrual	800,000	800,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000	400,000
Closure/Postclosure Expense Accrual	170,000	250,000	250,000	250,000	280,000	280,000	280,000	280,000	280,000	280,000	280,000	280,000	280,000	280,000
Total Debt Interest Expense	41,101	191,838	183,290	174,527	165,546	156,340	146,904	137,232	127,318	117,156	106,740	10,041	6,776	3,430
Interest Expense - Debt Service - SRF SLIB Loan Baler Bldg	32,404	153,225	147,227	141,078	134,776	128,317	121,696	114,909	107,953	100,823	93,515	0	0	0
Interest Expense - Debt Service - SRF Loan for Landfill	8,697	38,613	36,063	33,449	30,769	28,023	25,208	22,322	19,365	16,333	13,226	10,041	6,776	3,430
Capital Projects - New	3,439,900	2,412,000	2,285,000	580,000	450,000	60,000	0	115,000	65,000	0	65,000	300,000	200,000	75,000
Capital Projects - Replacement	1,170,500	7,062,500	741,000	1,131,000	744,500	701,000	866,000	896,000	761,000	519,600	511,000	446,000	721,000	416,000
Capital Projects - New Landfill	2,200,000	0	0	0	0	0	0	0	0	0	1,900,000	0	0	2,550,000
Debt Service - All Principal Payments	99,525	341,946	350,495	359,257	368,239	377,445	386,881	396,553	406,467	416,628	427,044	523,744	527,008	530,355
Closure/Postclosure Expenses	0	0	0	2,422,300	0	0	0	0	0	1,453,500	0	0	582,440	0
PILT Franchise Fees	\$271,490	\$271,490	\$271,490	\$271,490	\$271,490	\$271,490	\$271,490	\$271,490	\$271,490	\$271,490	\$271,490	\$271,490	\$271,490	\$271,490
Total Expenses	\$12,724,977	\$16,141,831	\$9,686,668	\$10,978,666	\$8,259,276	\$7,791,258	\$8,139,548	\$8,410,010	\$8,426,597	\$9,650,455	\$10,432,788	\$8,949,272	\$9,928,774	\$11,509,184
Total Net Income	(\$3,263,360)	(\$2,816,673)	(\$2,442,765)	(\$3,712,764)	(\$929,307)	(\$438,296)	(\$633,441)	(\$879,880)	(\$741,386)	(\$1,940,151)	(\$2,565,406)	(\$1,055,688)	(\$1,876,049)	(\$3,429,106)
Net Cash Flow	(1,797,420.44)	(1,090,738.34)	(1,028,594.22)	(2,243,601.81)	625,322.36	943,483.53	848,751.91	580,194.18	767,818.91	(511,691.87)	(1,020,246.40)	567,805.35	(204,255.67)	(1,894,040.07)
Cash Balance														
Cash (Restricted & Unrestricted)- Beginning of Period	6,854,438.68	6,071,924.24	4,981,185.90	3,952,591.68	1,708,989.87	2,334,312.24	3,277,795.77	4,126,547.67	4,706,741.86	5,474,560.77	4,962,868.90	3,942,622.49	4,510,427.84	4,306,172.17
Cash (Restricted & Unrestricted)- End of Period	6,071,924.24	4,981,185.90	3,952,591.68	1,708,989.87	2,334,312.24	3,277,795.77	4,126,547.67	4,706,741.86	5,474,560.77	4,962,868.90	3,942,622.49	4,510,427.84	4,306,172.17	2,412,132.11
% Rate Increase	2.22%	0.00%	2.17%	0.00%	2.13%	0.00%	2.08%	0.00%	2.04%	0.00%	2.00%	0.00%	1.96%	0.00%
Per Ton Charge	\$ 46.00	\$ 46.00	\$ 47.00	\$ 47.00	\$ 48.00	\$ 48.00	\$ 49.00	\$ 49.00	\$ 50.00	\$ 50.00	\$ 51.00	\$ 51.00	\$ 52.00	\$ 52.00
Rec Minimum Unrestricted Cash Reserve	\$1,597,665	\$1,752,529	\$1,860,637	\$1,940,597	\$1,976,615	\$2,009,730	\$2,043,955	\$2,081,766	\$2,117,181	\$2,172,170	\$2,234,149	\$2,270,242	\$2,318,256	\$2,392,715

CITY OF CASPER SOLID WASTE DIVISION
LONG TERM CAPITAL IMPROVEMENT PLAN
BALEFILL FACILITY
Nov-15

	BUDGET FY16	FORECASTED FY17	FORECASTED FY18	FORECASTED FY19	FORECASTED FY20	FORECASTED FY21	FORECASTED FY22	FORECASTED FY23	FORECASTED FY24	FORECASTED FY25	FORECASTED FY26	FORECASTED FY27	FORECASTED FY28
CITY OF CASPER BALEFILL FACILITY													
1) NEW CAPITAL PROJECTS													
<i>NEW LANDFILL CELL</i>													
Landfill Gas Collection & Control System (GCCS)										\$1,900,000			\$2,550,000
Prefab Electronics Bldg	\$125,000	\$165,000											
Landfill Fencing													
Biosolids Composting Equipment Building	\$275,000				\$60,000					\$65,000			
NMOC Gas Collection							\$40,000					\$50,000	
New Landfill Permit Renewal and Construction Drawings			\$30,000										
Transfer Station Permit Renewal							\$75,000		\$65,000				
Title V Air Permit Renewal		\$35,000											\$75,000
Giger Counters for Entrance Scale				\$150,000									
Construction of Sixth Bay at Landfill Equipment Bldg													
Compost Yard Improvements & Expansion	\$1,500,000												
Compost Yard Fire Prevention Improvements		\$200,000											
Material Recovery Facility		\$1,500,000											
GPS System for Spraper, Road Grader, Dozer & Tracksteer		\$235,000	\$50,000	\$50,000									
TOTAL NEW CAPITAL PROJECTS	\$1,900,000	\$2,135,000	\$80,000	\$200,000	\$60,000	\$0	\$115,000	\$65,000	\$0	\$1,965,000	\$0	\$125,000	\$2,550,000
2) NEW CAPITAL EQUIPMENT													
Incinerator for Infectious Wastes		\$50,000										\$75,000	\$75,000
Solvent & Antifreez Recycler			\$50,000										
Hydroseeder & Silo											\$300,000		
Used Landfill C&D Compactor													
Used Backup Loader & Scraper	\$500,000												
Portable Variable Sign	\$12,000												
Landfill Fencing Bucket Truck		\$35,000											
C&D Grinder & Tire Shredder			\$450,000	\$250,000									
Portable Litter Fences		\$65,000											
TOTAL NEW CAPITAL EQUIPMENT	\$512,000	\$150,000	\$500,000	\$250,000	\$0	\$0	\$0	\$0	\$0	\$0	\$300,000	\$75,000	\$75,000
TOTAL --- NEW CAPITAL	\$2,412,000	\$2,285,000	\$580,000	\$450,000	\$60,000	\$0	\$115,000	\$65,000	\$0	\$1,965,000	\$300,000	\$200,000	\$2,625,000
3) CAPITAL EQUIPMENT REPLACEMENT													
FORKLIFTS	\$45,000	\$45,000					\$95,000						95,000
COMPOST TURNER													
GRADER					\$300,000								
DOZER D6				\$320,000									
SCRAPER			\$500,000										
PICKUPS	\$25,000			\$30,000			35,000	300,000					
LITTER TRUCK								\$35,000					
TANDEM-AXLE DUMP TRUCK	\$195,000									95,000			
BALE TRAILERS												210,000	
COMPOST GRINDER									450,000				
BALER EQUIPMENT MTN REPLACEMENT	\$300,000	\$250,000	\$250,000	\$75,000	\$50,000	50,000	80,000	50,000	50,000	80,000	80,000	80,000	80,000
BALER MAYFRAN CONVEYOR REBUILD													
COMPUTERS/CAMERAS/ETC. REPLACEMENT	\$11,500	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000	\$6,000
PAINT CRUSHER			\$50,000										
ENVIROBALE BAGGING SYSTEM/SOUTH BALER													
YARDWASTE LOADER BUCKET		\$35,000						45,000					
COMPOST SCREEN													
TRACKSTER							75,000						
WATER TRUCK						165,000							
LOADER	\$340,000	\$320,000	\$320,000		\$320,000	320,000	320,000	320,000		325,000	325,000	325,000	325,000
HAUL TRUCKS				\$300,000									
EXCAVATOR		\$65,000				225,000		375,000					
LANDFILL COMPACTOR													
POWER WASHER				\$8,500						8,600			
800 mgHZ Radios/Cameras/Computers	\$20,000	\$20,000	\$5,000	\$5,000	\$25,000	\$5,000	\$5,000	\$5,000	\$5,000	\$5,000	35,000	\$5,000	\$5,000
TOTAL CAPITAL EQUIPMENT REPLACEMENT	\$936,500	\$741,000	\$1,131,000	\$744,500	\$701,000	\$866,000	\$896,000	\$761,000	\$519,600	\$511,000	\$446,000	\$721,000	\$416,000
4) CAPITAL REPLACEMENT PROJECTS													
<i>CASPER REGIONAL LANDFILL CLOSURE</i>													
			\$2,422,300						1,453,500			582,440	
<i>BALER BLDG IMPROVEMENTS & EXPANSION</i>													
	\$6,126,000												
TOTAL REPLACEMENT CAPITAL PROJECTS	\$6,126,000	\$0	\$2,422,300	\$0	\$0	\$0	\$0	\$0	\$1,453,500	\$0	\$0	\$582,440	\$0
TOTAL --- REPLACEMENT CAPITAL	\$7,062,500	\$741,000	\$3,553,300	\$744,500	\$701,000	\$866,000	\$896,000	\$761,000	\$1,973,100	\$511,000	\$446,000	\$1,303,440	\$416,000
TOTAL CAPITAL COSTS	\$9,474,500	\$3,026,000	\$4,133,300	\$1,194,500	\$761,000	\$866,000	\$1,011,000	\$826,000	\$1,973,100	\$2,476,000	\$746,000	\$1,503,440	\$3,041,000

December 2, 2015

MEMO TO: V.H. McDonald, City Manager

FROM: Liz Becher, Community Development Director *LB*
Andrew Nelson, Metropolitan Planning Organization Manager *AN*

SUBJECT: Transit discussions at December 8 Work Session

Recommendation:

No action required at this time.

Summary:

The “2015 Council Goals and Objectives” identified two projects relating to public transit. They are:

1. Enhance public transit services in the downtown core through
 - a. Creating a more efficient route system
 - b. Implementing a trolley route in partnership with the Casper Area Convention and Visitors’ Bureau (CACVB)

The purpose of our presentations at this work session is to update Council on staff’s efforts to achieve these goals.

Transit Development Plan (TDP) – approximately 30 minutes

Since April of this year, consultants from the transportation group of KLJ Engineering have completed a series of evaluations for the Casper area transit program. This has included over fifty hours spent on board the buses, distribution and analysis of surveys, multiple public meetings, review of current vehicles and equipment, the design of new potential transit routes, and a review of the organizational structure of the transit program.

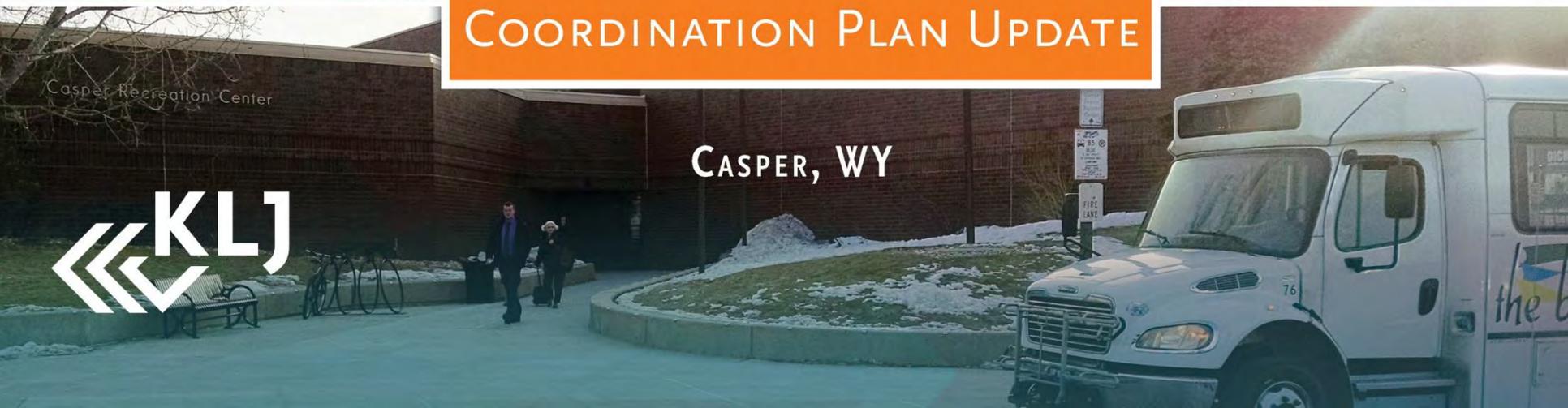
Consultants from KLJ will be in attendance to present their findings and recommendations.

Downtown Trolley Concept – approximately 30 minutes

Staff has discussed this project at a conceptual level with CVB on multiple occasions. City staff will discuss with Council how the TDP informs the trolley concept and the next steps to achieve this goal.



TRANSIT DEVELOPMENT AND
COORDINATION PLAN UPDATE



Casper Recreation Center

CASPER, WY

NO STOPPING
ANYTIME
FIRE LANE

the b

Tonight's Information



- Rider Survey
- Community Survey
- Ridership Data
- Next Steps

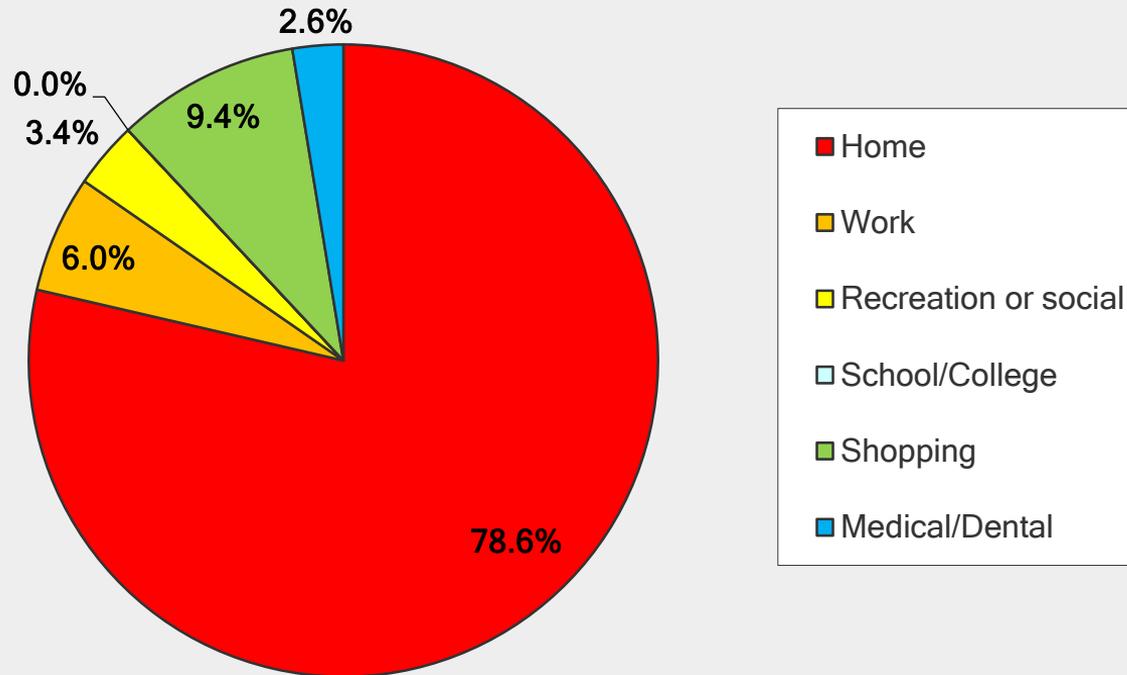


Rider Survey

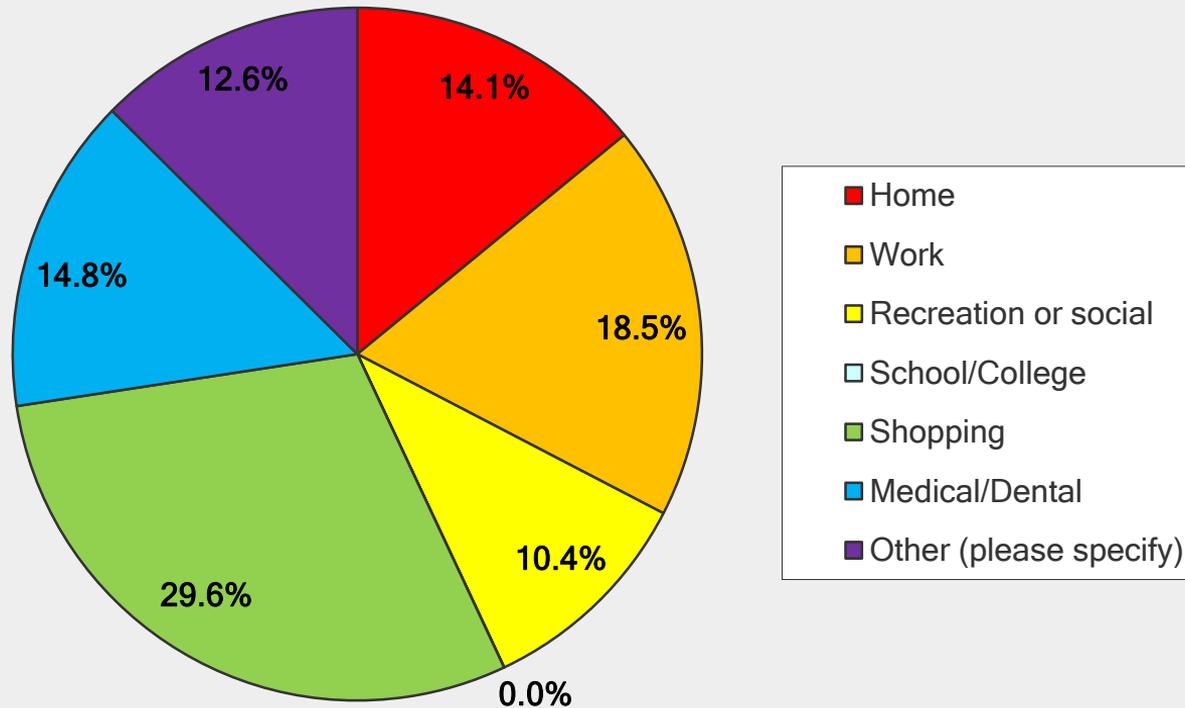


- We had 138 riders complete surveys the first week of August
- Special Thanks for the AARP Volunteers
- The average age of riders surveyed was 46.7 years old (Helena 46)
- The youngest was 15, the oldest was 86
- 16.9% were age 65 or greater
- 45% are employed

Where were/are you coming from?

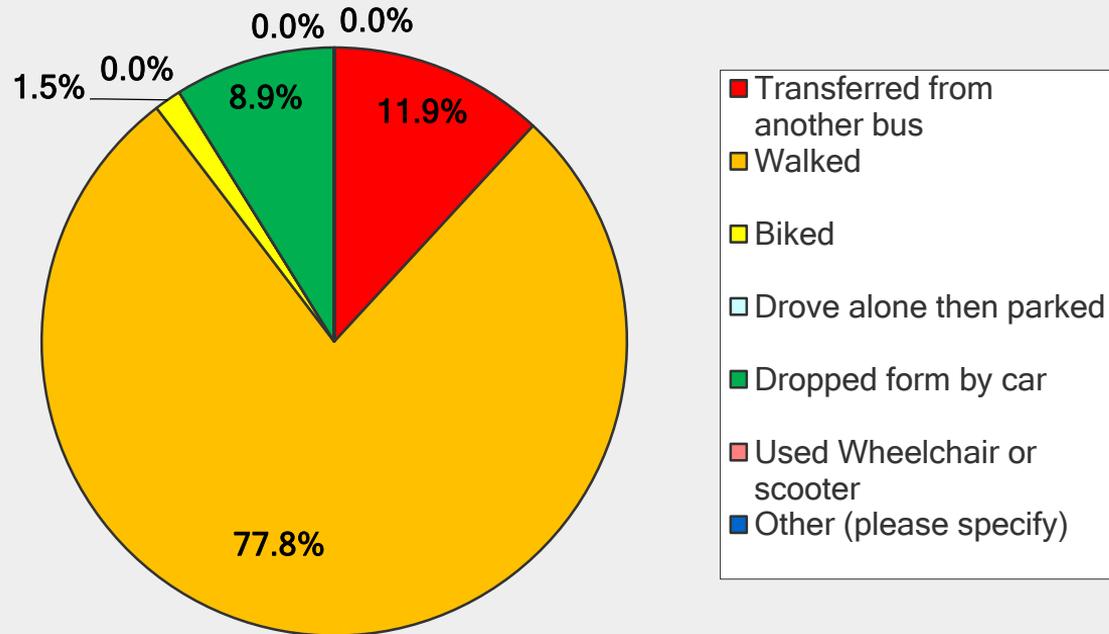


Where were/are you going to?

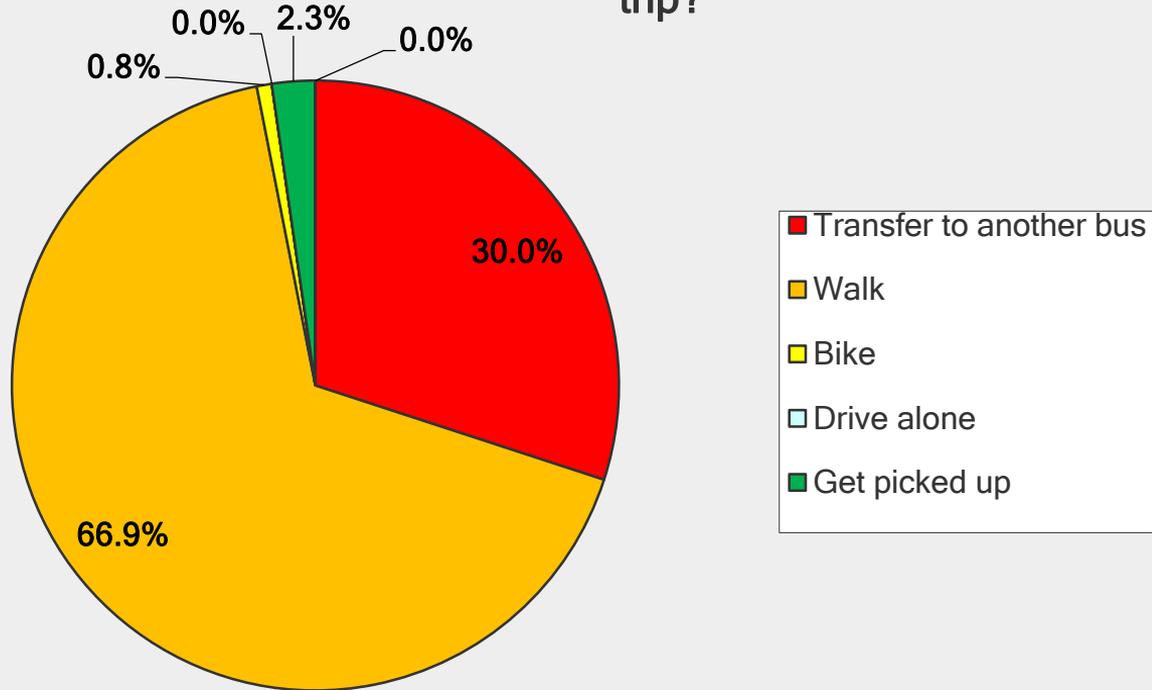


- An average of 6 minutes walking

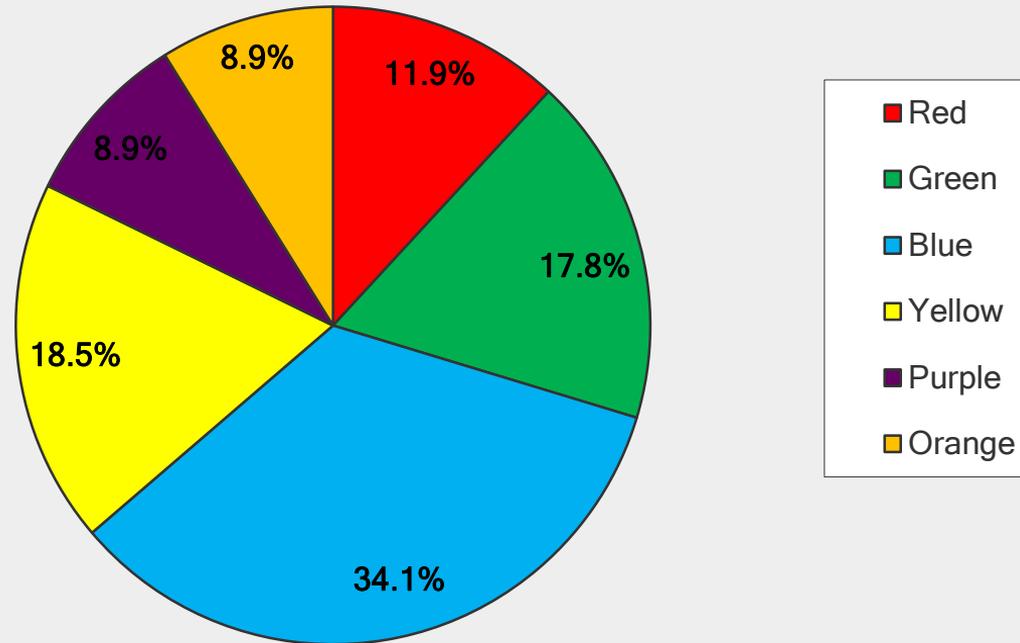
How did you get to the bus stop to board the bus?



How did/will you go from the bus to the end of your trip?



What bus route did you take?



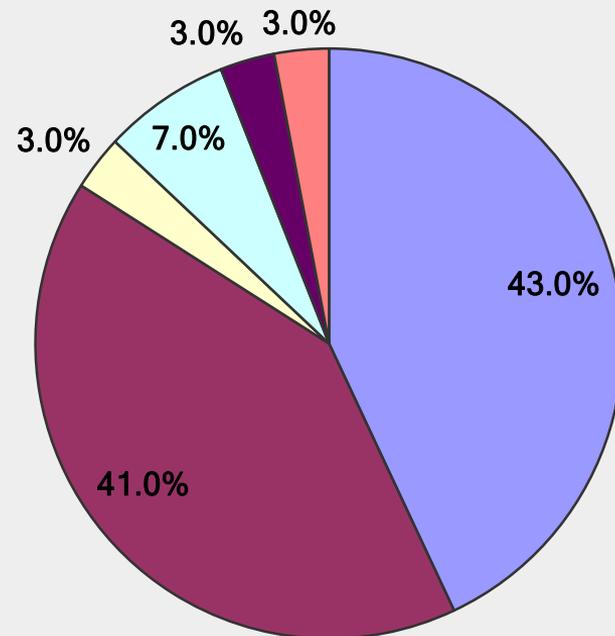
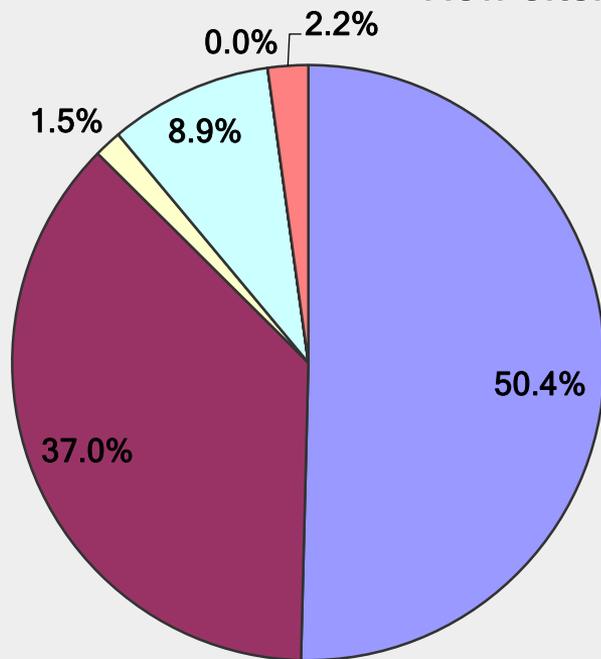
Rider Survey



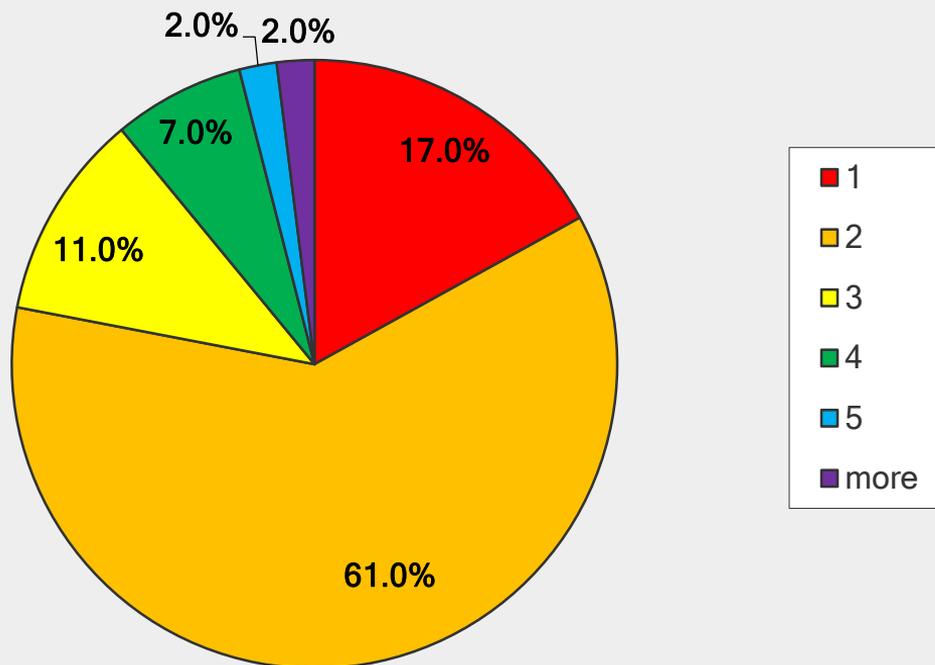
2015

2010

How often do you ride The Bus?



How many times do you ride The Bus per day?



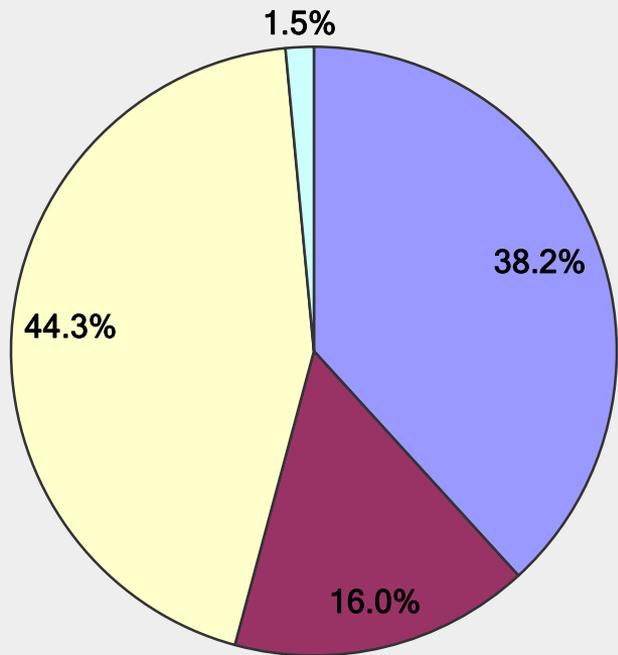
Rider Survey



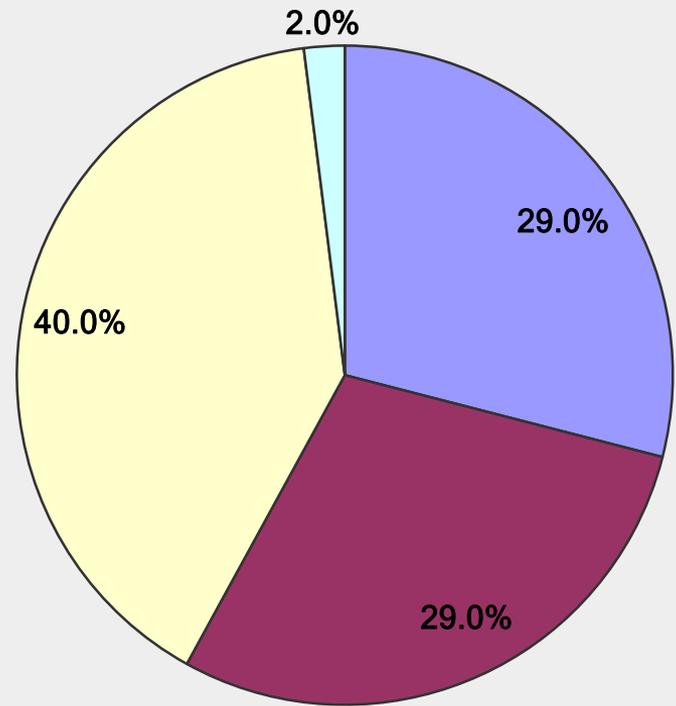
2015

2010

How long have you been riding The Bus?



- Less than 1 year
- 1 to 2 years
- More than 2 years
- First time



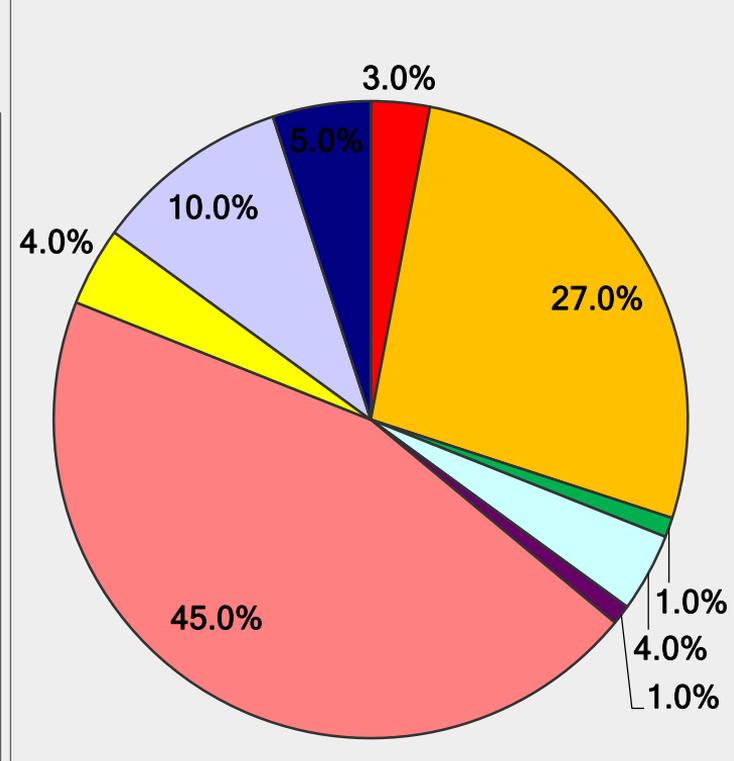
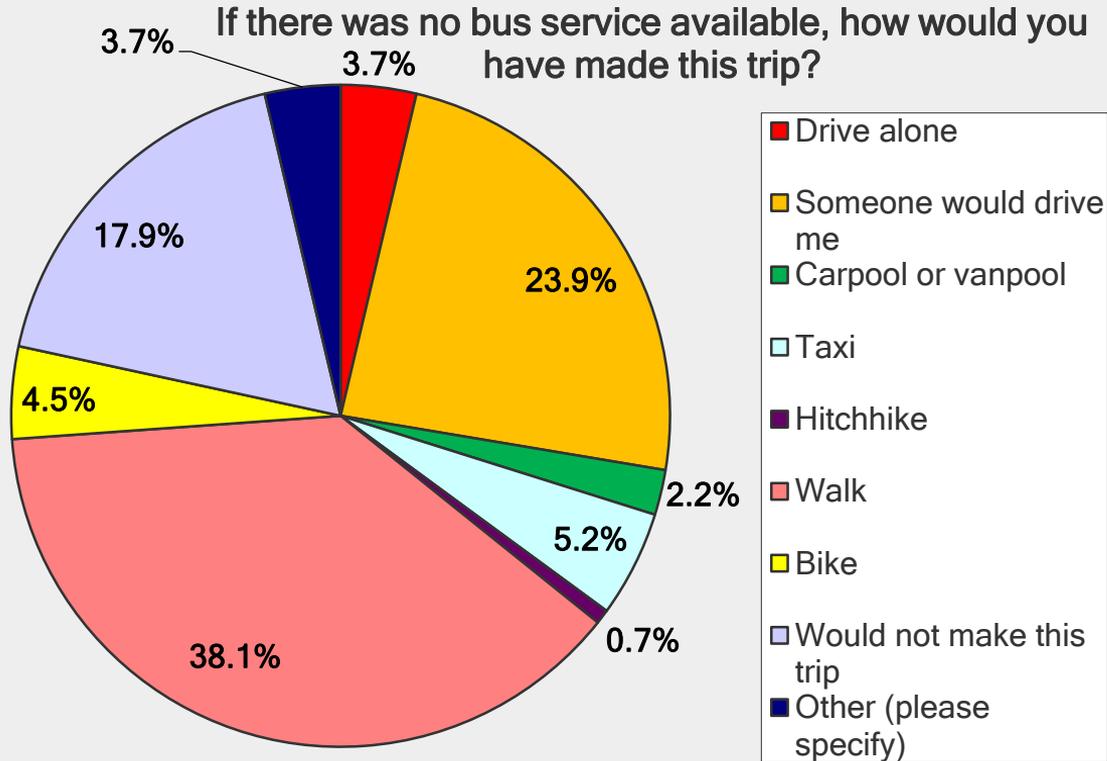
Rider Survey



2015

2010

If there was no bus service available, how would you have made this trip?

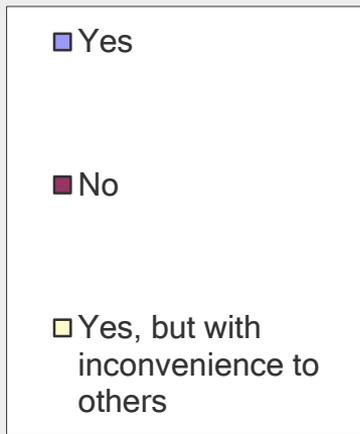
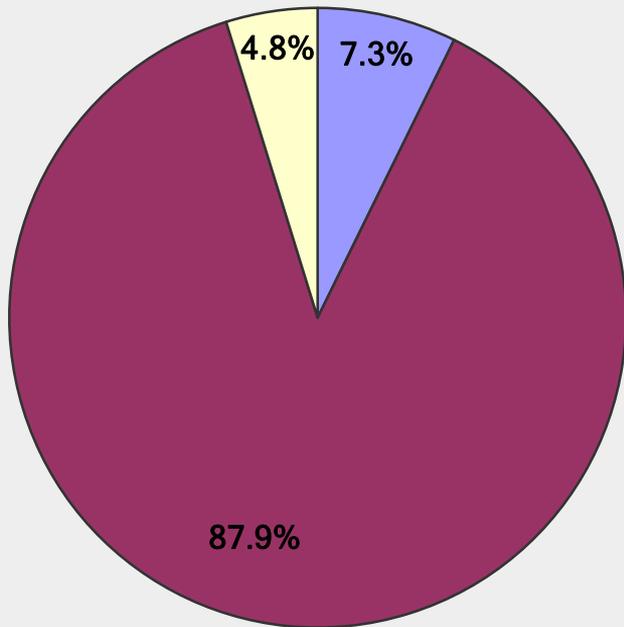


Rider Survey

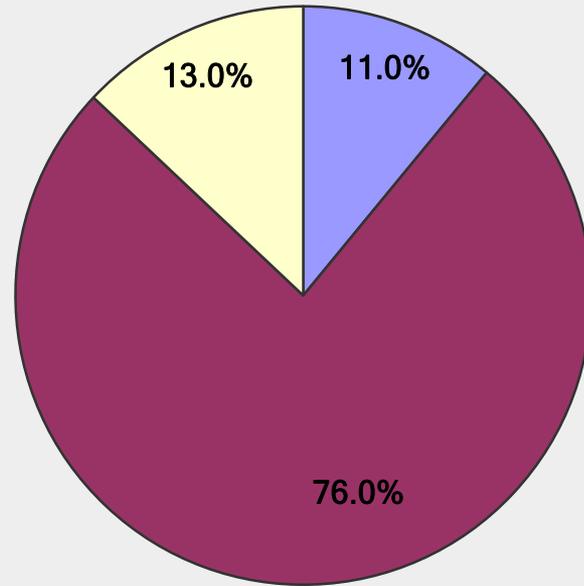


2015

Was a car available to you for this particular trip?



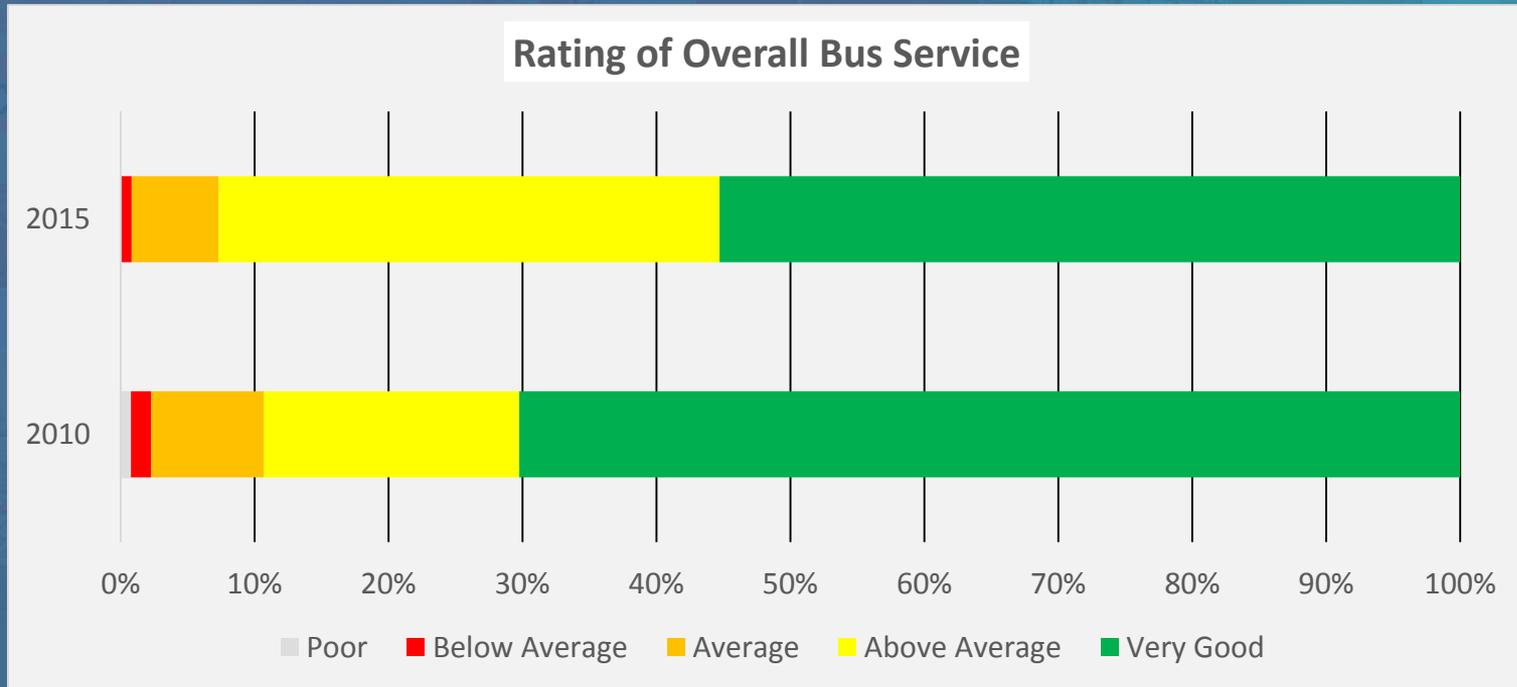
2010



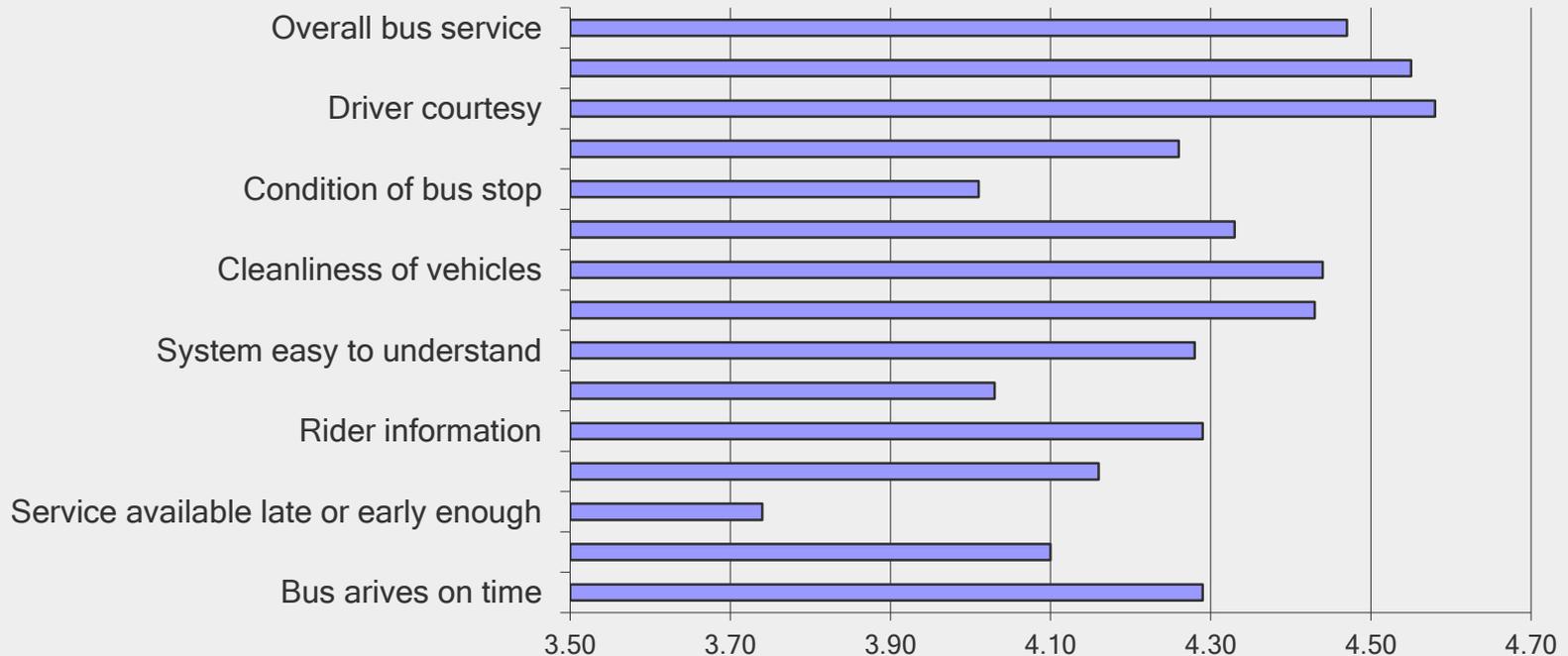
Rider Survey



- 4.56 average in 2010 down slightly to 4.47 average in 2015



Please rate the following items about The Bus:



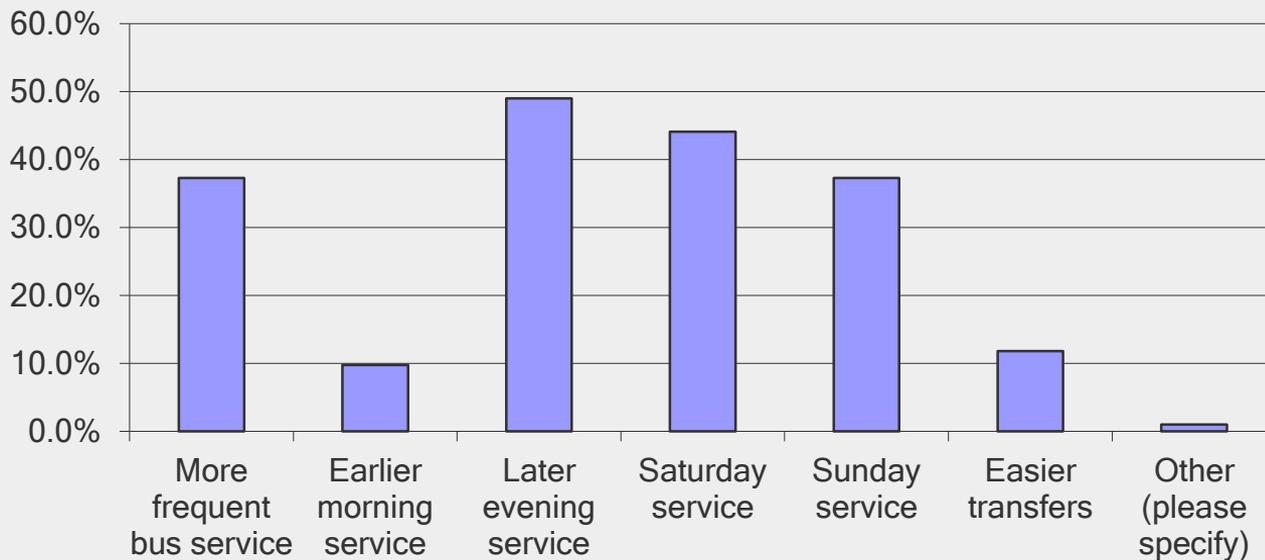
Rider Survey



- Where would you like The Bus to go that it doesn't go?

- Airport (7)
 - Bar Nunn (5)
 - DMV (3)
 - A and Beverly (3)
 - Church on Sunday (3)
-
- Wyoming Blvd, Wells Fargo, Events Center, Post Office
 - Target, Home Depot

What improvements would help you choose to ride The Bus more often?



Rider Survey



- Do you have suggestions for improving service on The Bus?
 - ½ hour headways (11)
 - Shelters (10)
 - More/better/fix benches (7)
 - Evening Service (5)
 - No/everything is great (4)
 - Sunday 8-12 service (3)
 - Saturday Service to Mills (3)
 - Better AC (3)
 - Better/Bigger buses (3)
 - More Stops (2)

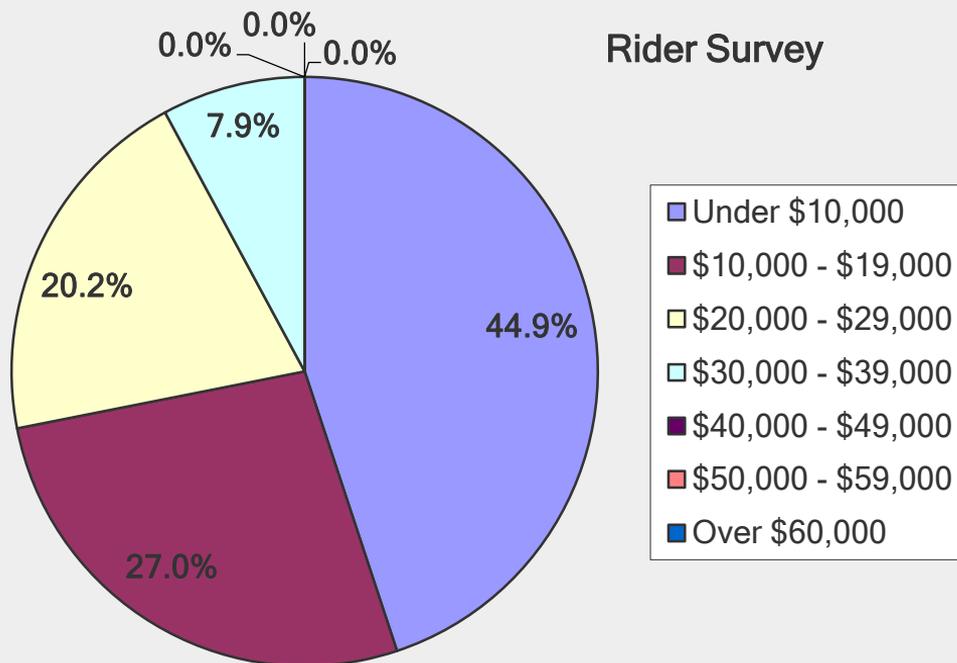
Total Household Income



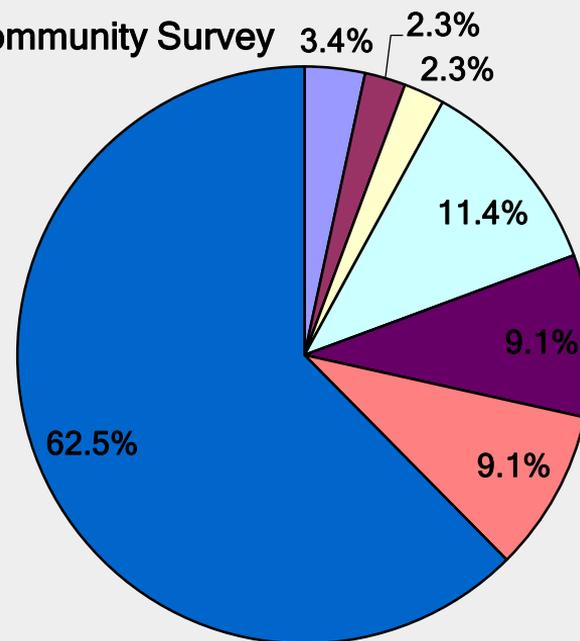
• Average Rider \$14,100

Average Community \$57,900

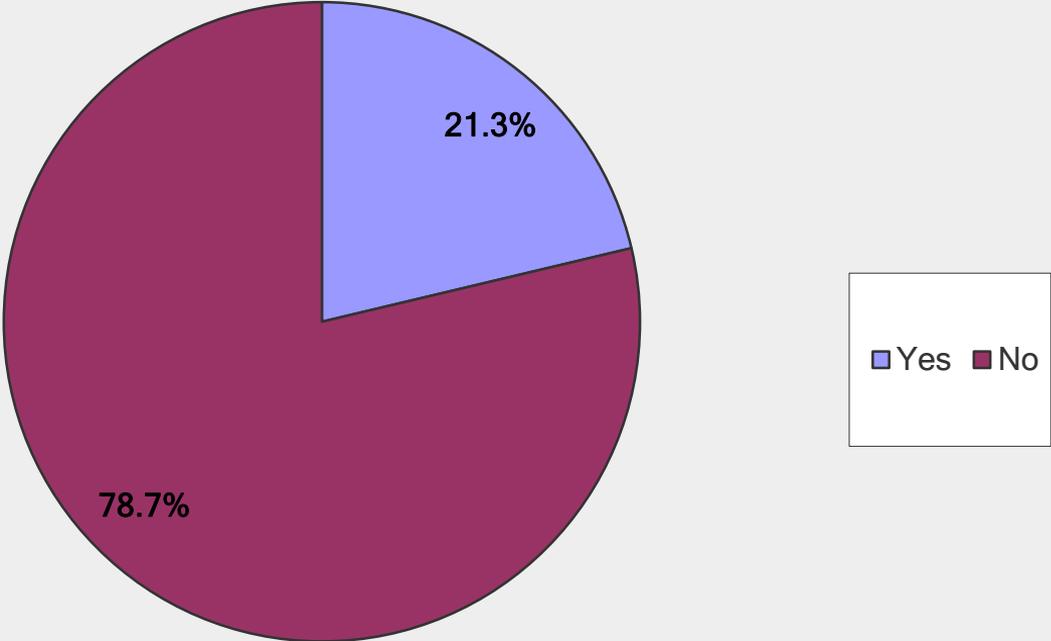
Rider Survey



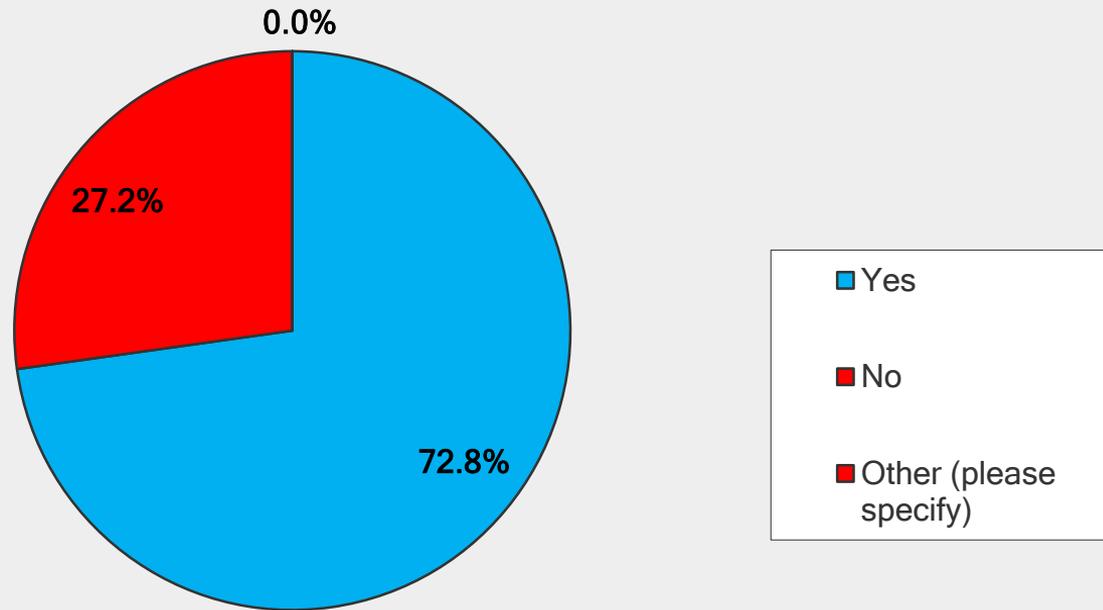
Community Survey



Have you used CATC or The Bus in the past year?



Do you know the difference between CATC and The Bus?



Please indicate whether you agree or disagree with the following statements:

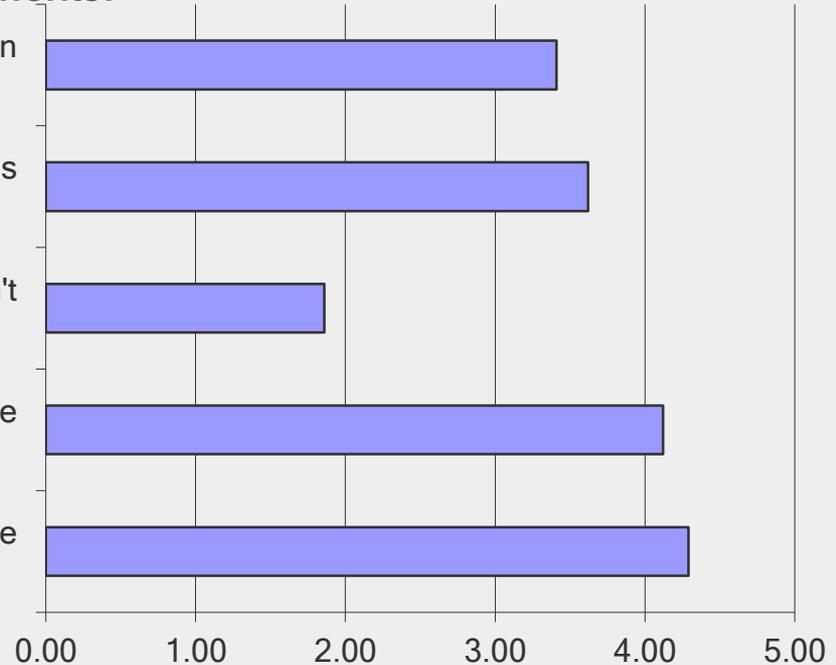
Local bus service has not kept pace with the changes in the Casper area.

More public funds should be provided to improve bus service.

Bus service should be oriented only to people who don't have a car available.

A good bus system in Casper is beneficial to the environment.

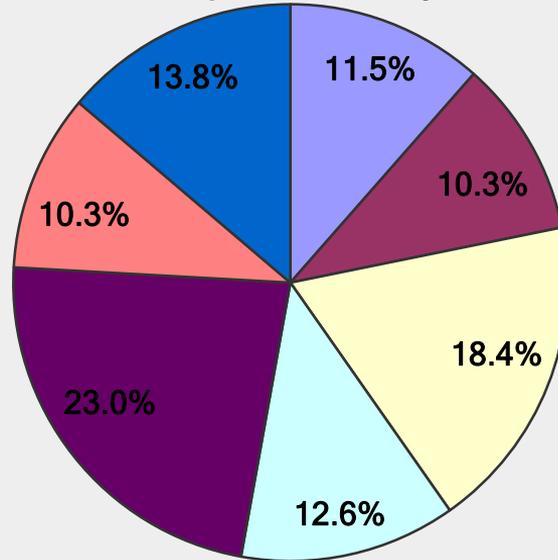
A bus system is essential to the well-being of people within the community it serves.



Community Survey



How much would you be willing to pay per ride for an improved bus system with better service?

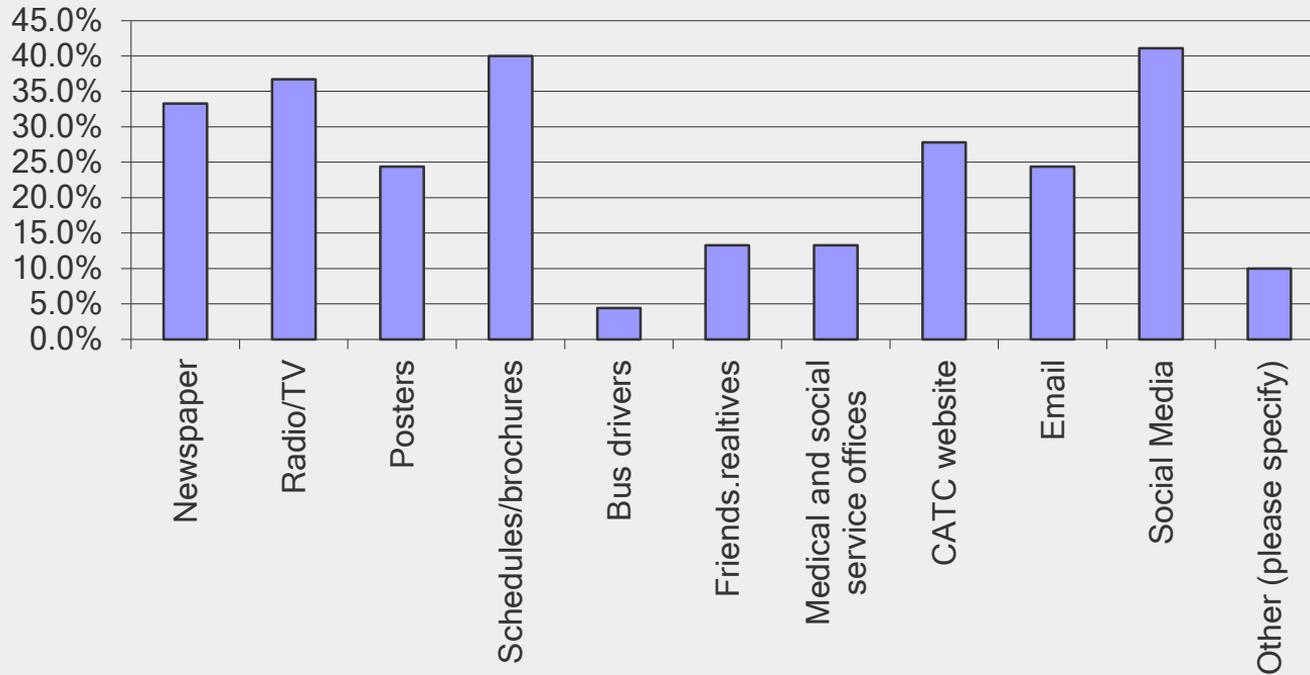


- Zero
- \$0.50
- \$1.00
- \$1.50
- \$2.00
- \$2.50
- Other (please specify)

Community Survey



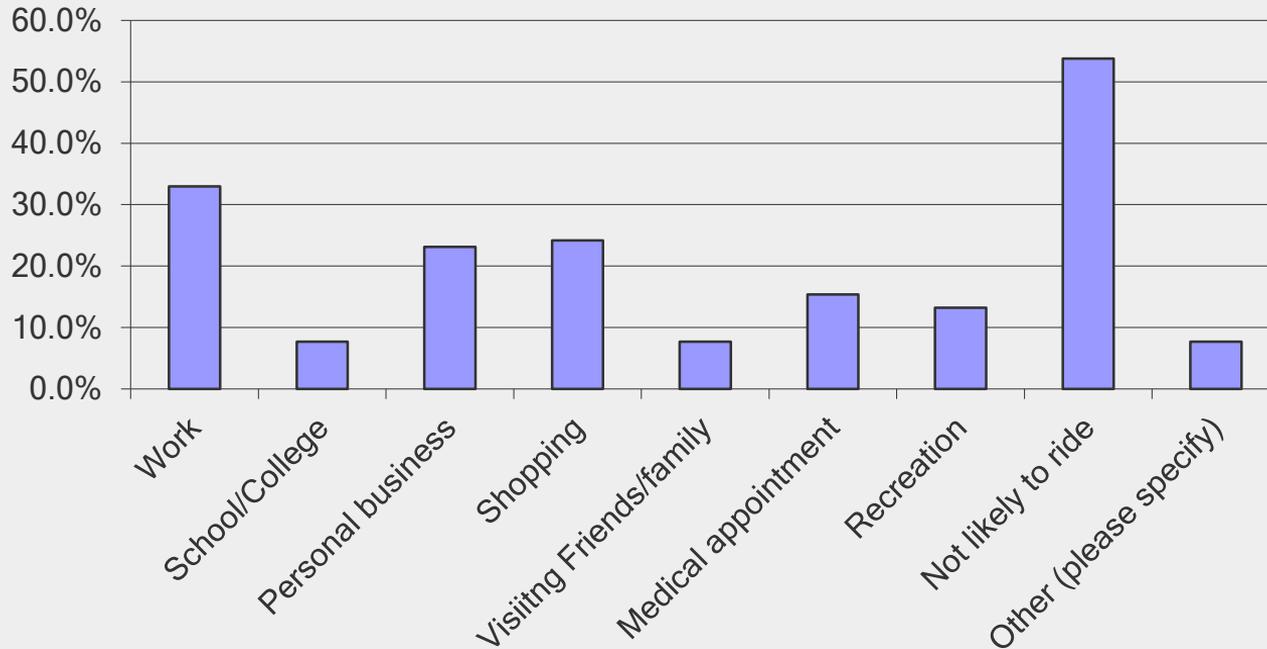
What is a good way for CATC to reach you?



Community Survey



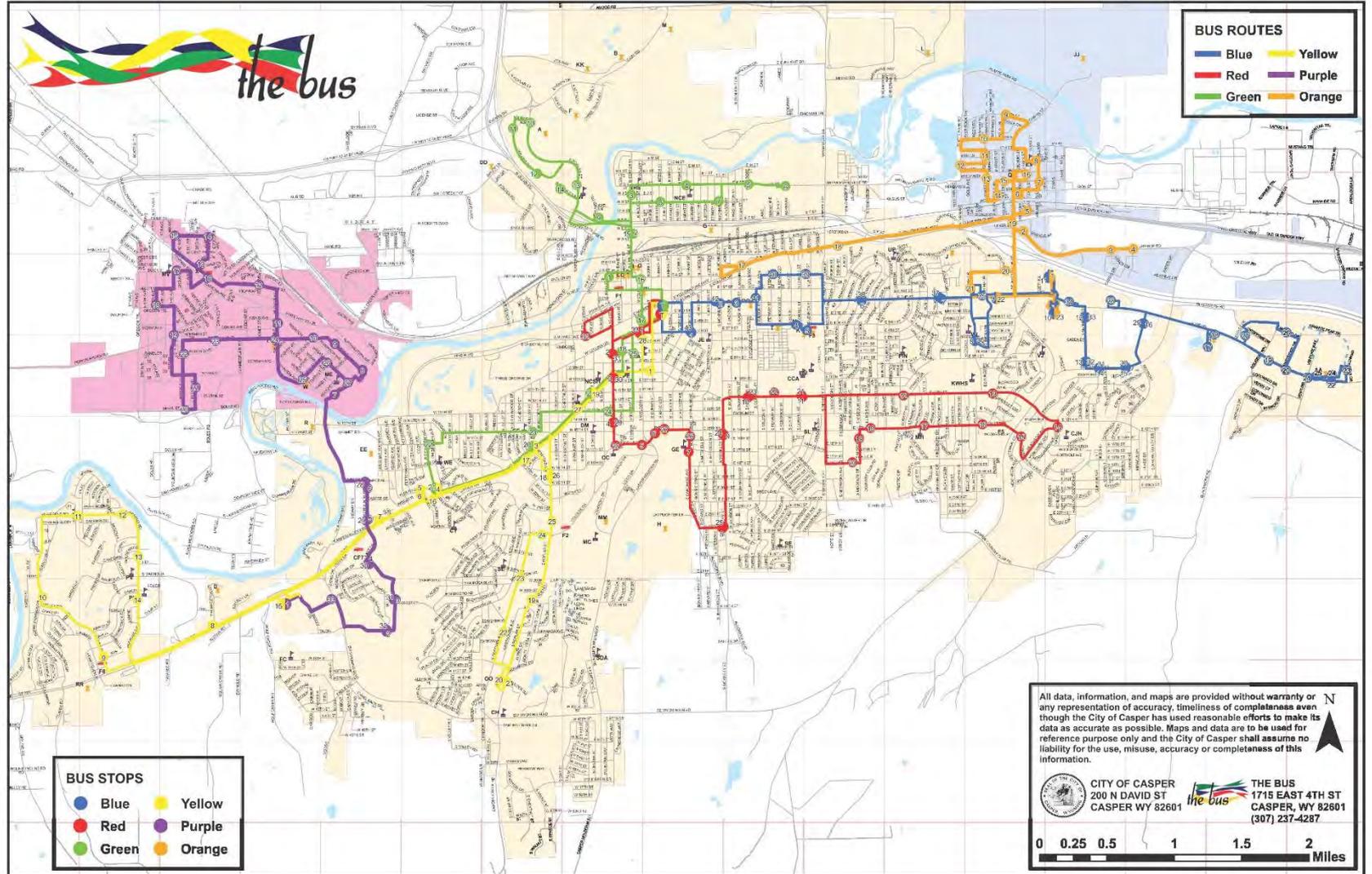
For what purpose are you most likely to use The Bus?





BUS ROUTES

— Blue	— Yellow
— Red	— Purple
— Green	— Orange



BUS STOPS

● Blue	● Yellow
● Red	● Purple
● Green	● Orange

All data, information, and maps are provided without warranty or any representation of accuracy, timeliness of completeness even though the City of Casper has used reasonable efforts to make its data as accurate as possible. Maps and data are to be used for reference purpose only and the City of Casper shall assume no liability for the use, misuse, accuracy or completeness of this information.

N

CITY OF CASPER
 200 N DAVID ST
 CASPER WY 82601

THE BUS
 1715 EAST 4TH ST
 CASPER, WY 82601
 (307) 237-4287

0 0.25 0.5 1 1.5 2
 Miles

Ridership Maps



- Data collected from over 50 hours of rides
- Maps show average daily (not run) boardings (people getting on) and alightings (people getting off) by stop
- The Blue route averages the most riders about 250 per day
- The Purple route the least about 40 per day
- System wide this summer average approximately 700 riders per day
- That equates to about 200,000 per year

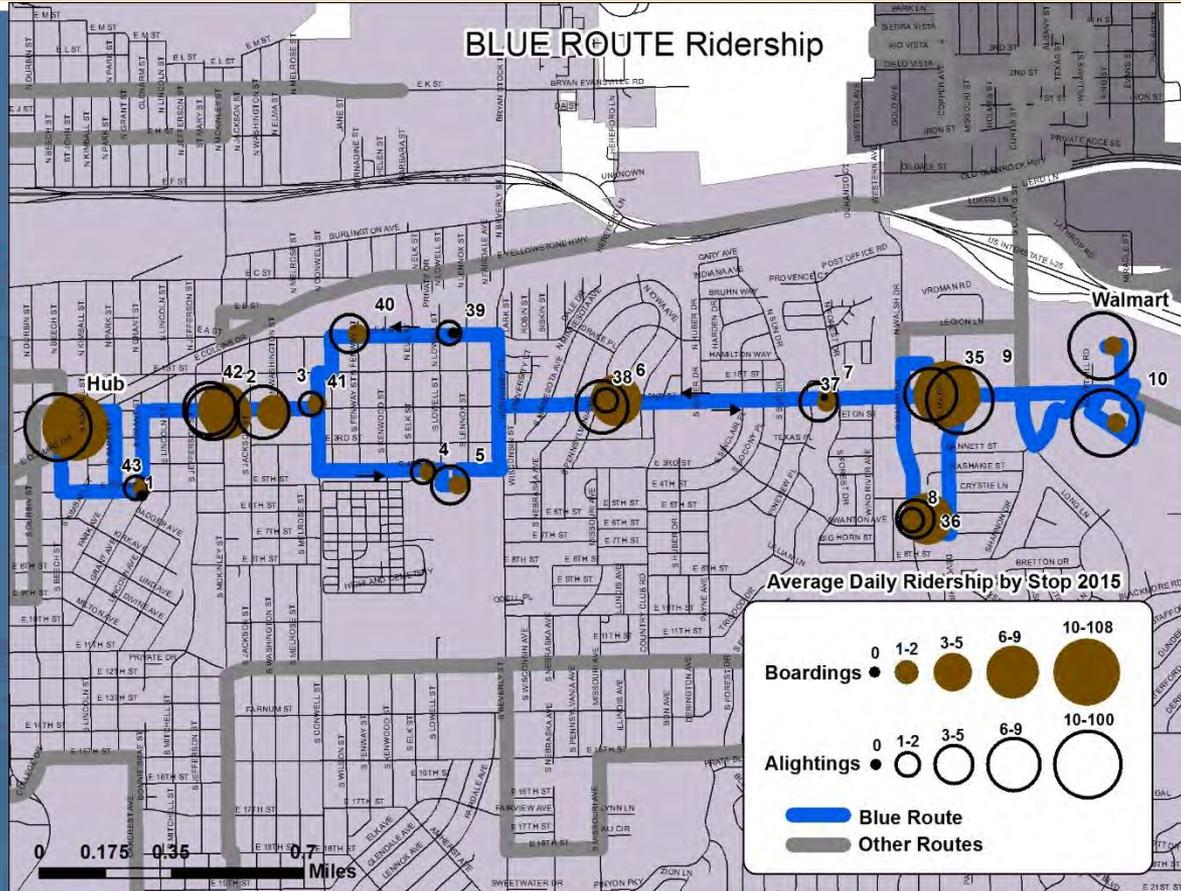
Blue Mainline – Hub to Walmart



Approximately
244 daily trips

22.2 boardings
or alightings
per stop

Average 6.4
riders on the
bus at any
given time



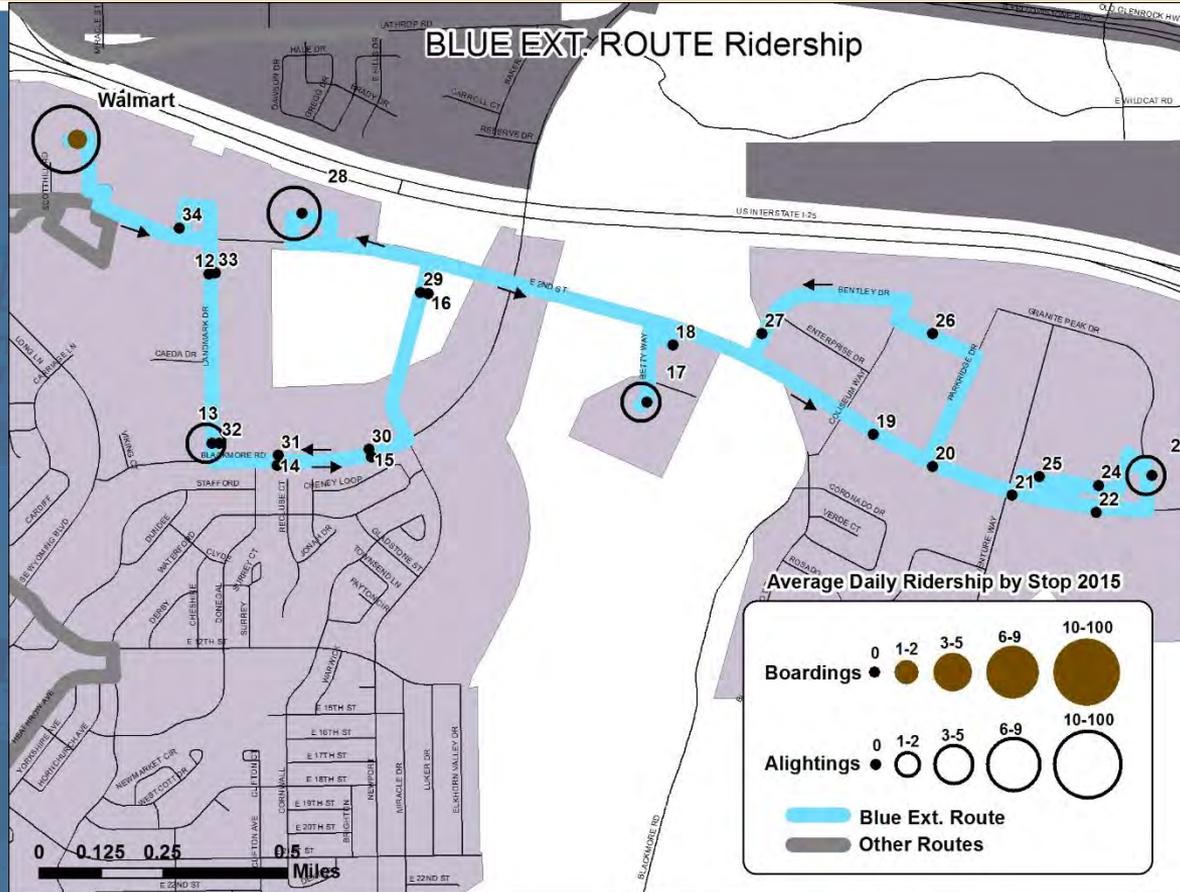
Blue Extension – Walmart East



Approximately
44 daily trips

3.8 boardings
or alightings
per stop

Average 2.0
riders on the
bus at any
given time



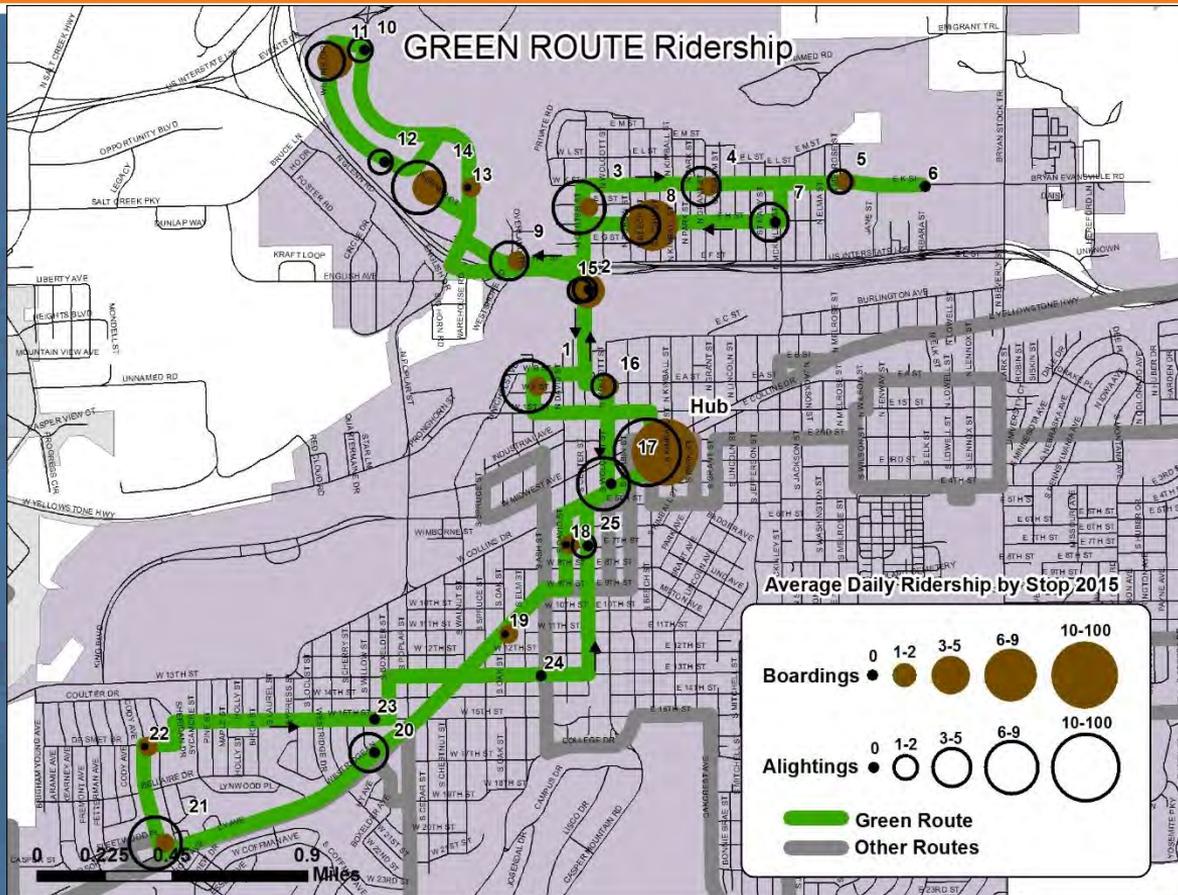
Green



Approximately
110 daily trips

8.5 boardings
or alightings
per stop

Average 4.3
riders on the
bus at any
given time



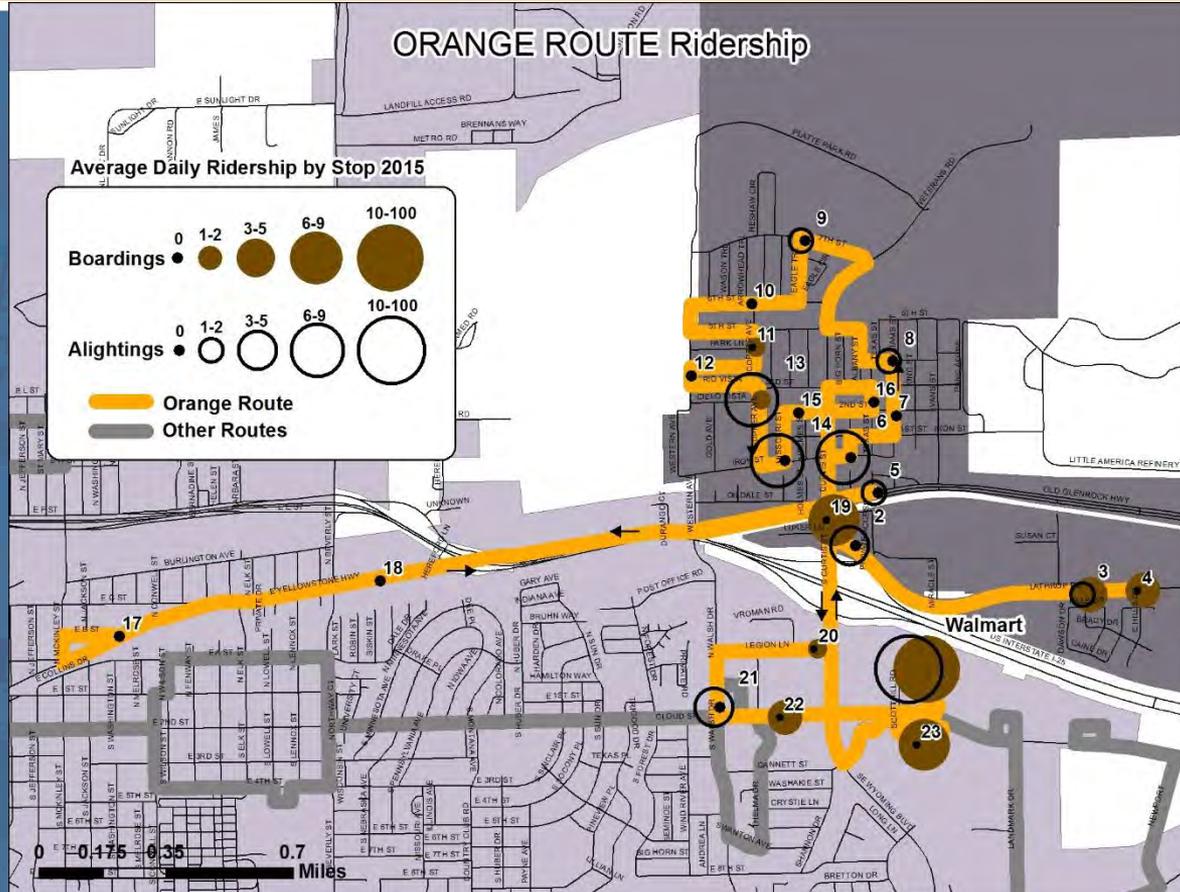
Orange



Approximately
74 daily trips

6.2 boardings
or alightings
per stop

Average 2.7
riders on the
bus at any
given time



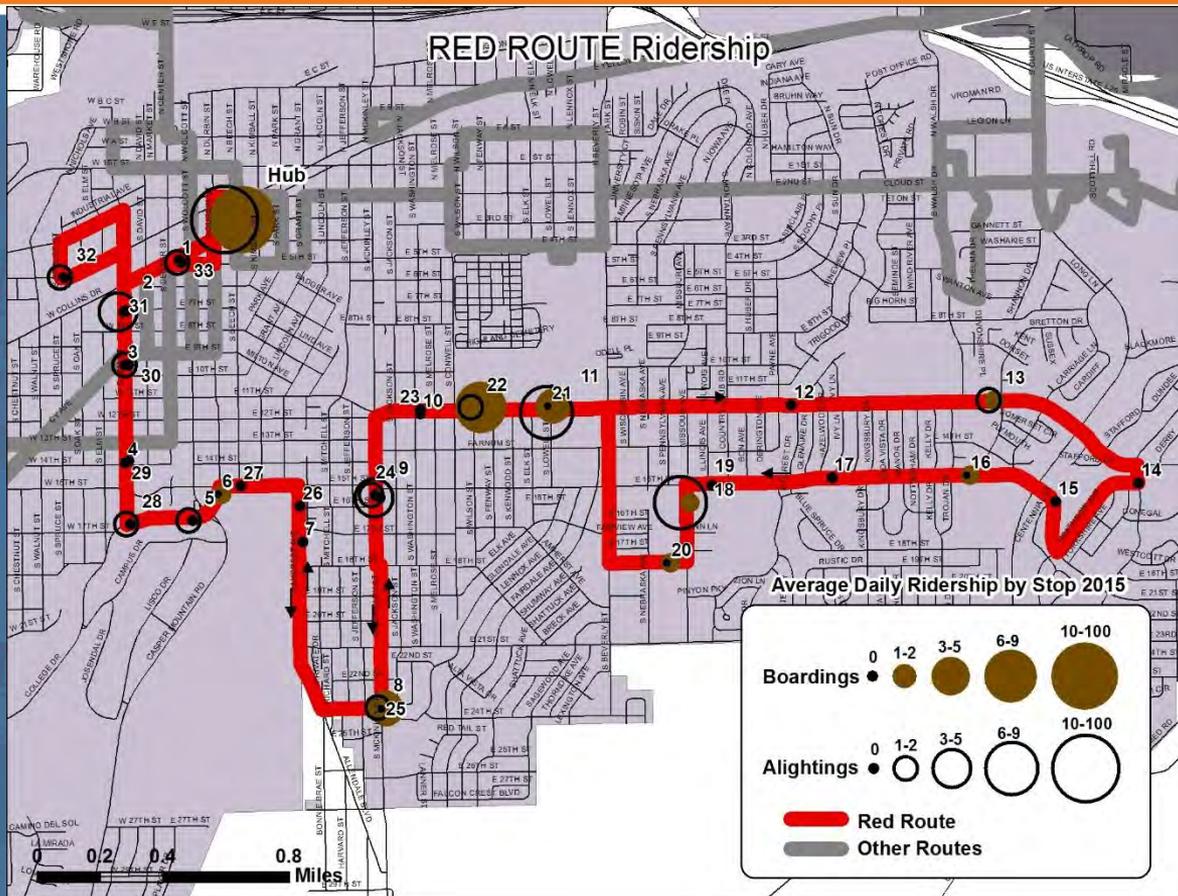
Red



Approximately
81 daily trips

4.8 boardings
or alightings
per stop

Average 3.3
riders on the
bus at any
given time



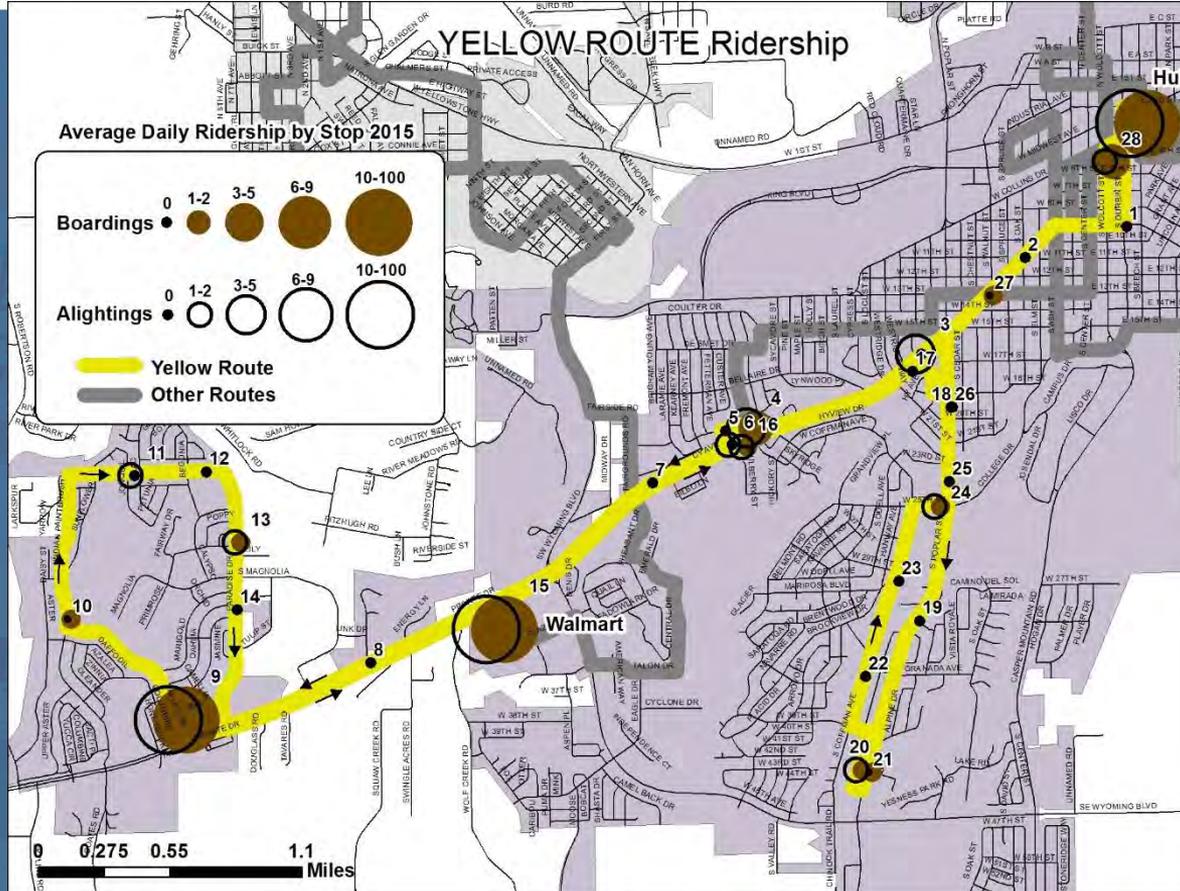
Yellow



Approximately 127 daily trips

8.8 boardings or alightings per stop

Average 5.6 riders on the bus at any given time



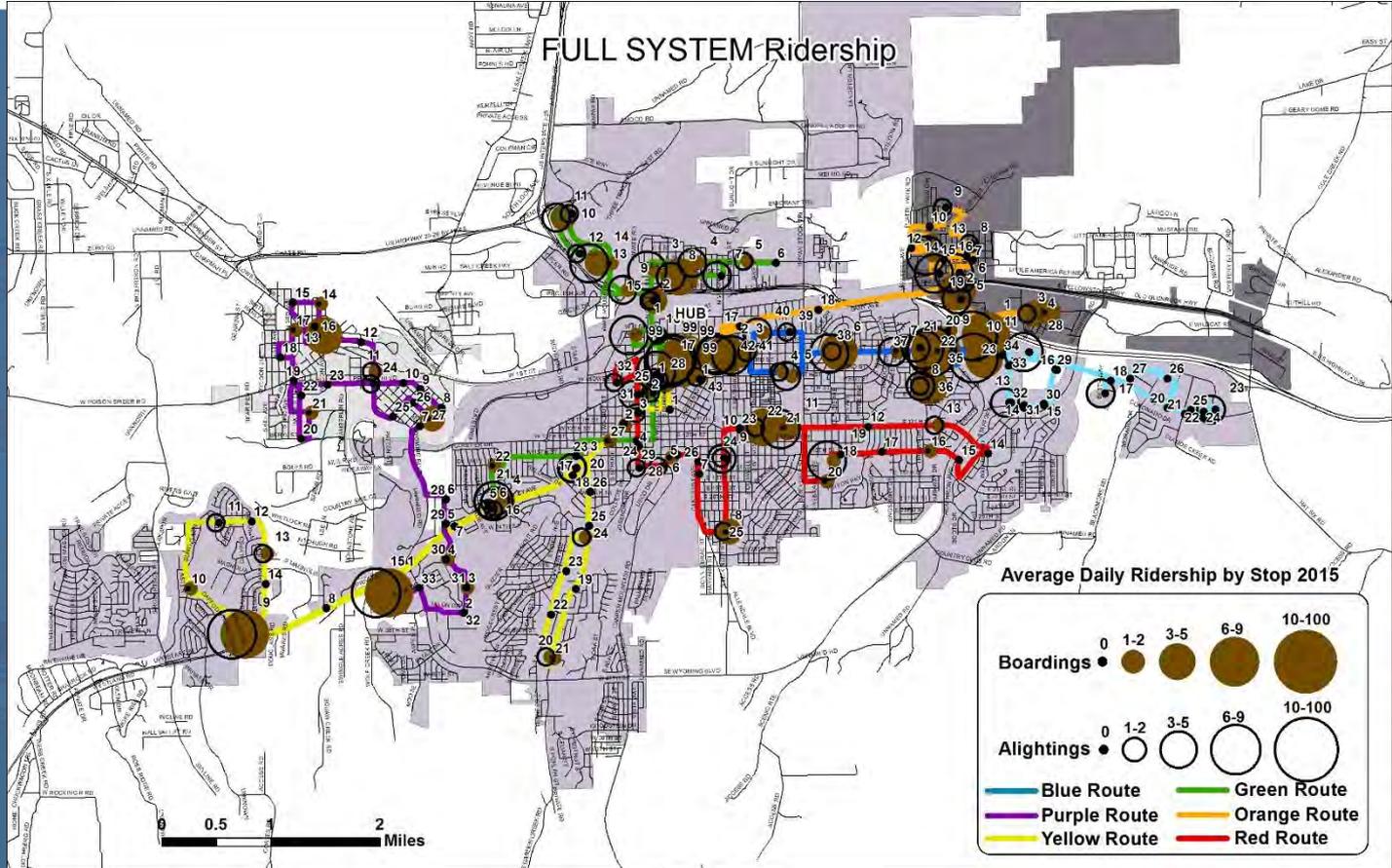
Full System



Approximately 700 daily trips

7.5 boardings or alightings per stop

Average 26.5 riders on the buses at any given time



Operations



- Currently CATC operates as a vendor of transit service to Casper, Evansville and Mills
- Other cities have different transit systems in place for the operation of the buses
 - “City owned”: systems like Cheyenne, Greeley, or Rapid City
 - “Transit Authority”: systems like Rock Springs, Missoula, Great Falls, and Grand Junction.

Operations



System	Advantages	Disadvantages
Vendor	<ul style="list-style-type: none">• Clear mandate• Handles day-to-day business on behalf of City• City-owned buses• Maybe lower cost	<ul style="list-style-type: none">• Contract renewal not guaranteed• Decentralized authority• Limited autonomy• Limited capacity for change
City Owned	<ul style="list-style-type: none">• City budget allows for more direct control• Some synergy with other services e.g. fuel, maintenance, purchasing• City-owned buses	<ul style="list-style-type: none">• City focused: doesn't represent suburbs• May require additional staff and time• Will cost more money
Transit Authority	<ul style="list-style-type: none">• Autonomous organization; can make changes easier• Streamlines grants, planning, and budgeting• "Owns" the system• Could levy transportation dollars• Represents all communities	<ul style="list-style-type: none">• Requires restructuring• May require additional staff• Individual cities have less control

Regional Comparison

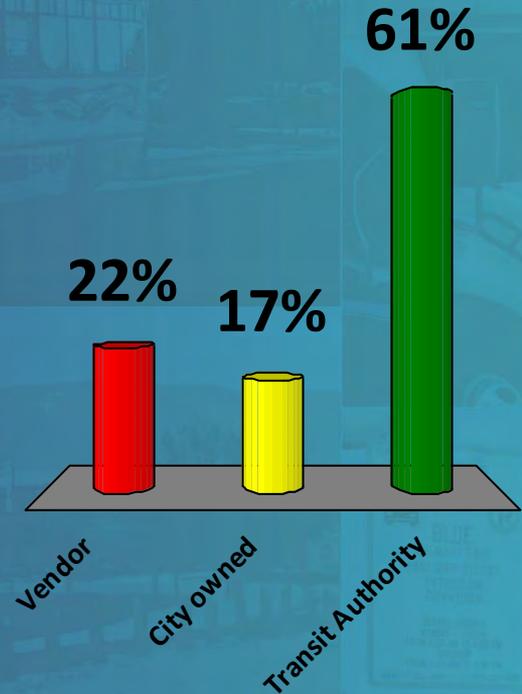


City	Population	Square Miles	Revenue Hours	Trips
Vendor Systems				
Casper	57,561	30	24,563	165,734
City Systems				
Cheyenne	59,466	18	22,333	255,877
Loveland	60,000	30	10,505	135,061
Rapid City	67,956	55	20,328	304,599
Greeley	93,000	17	32,854	525,186
Fort Collins	143,986	54	78,742	2,236,027
Transit Authorities				
Great Falls	63,000	20	33,357	439,266
Missoula	69,999	70	44,630	886,049
Pocatello	81,730	27	22,562	334,124
Idaho Falls	90,733	70	11,345	46,555
Bismarck	94,719	137	44,488	160,582
Logan	95,550	33	52,837	1,978,002
Grand Junction	120,000	66	56,721	974,644

Which system should Casper use?



- A. Vendor
- B. City owned
- C. Transit Authority



Next Steps



- Finalize the Transit Development Plan Update
- Present to MPO, CATC Board, City Council
- Additional Studies
 - Routing Study
 - Marketing/Branding Study
- Potential changes in 1-2 years

Thank You



- Thomas McMurtry
Thomas.mcmurtry@kljeng.com
- Dave Hough
Dave.hough@kljeng.com



December 3, 2015

MEMO TO: V.H. McDonald, City Manager 
FROM: Fleur Tremel, Deputy Assistant City Manager 
Tanya Johnson, Special Projects Coordinator 
SUBJECT: Council Leadership Election Process

Recommendation:

That Council determine potential candidates for 2016 Mayor and Vice-President of Council and inform Tanya Johnson by 5:00 p.m. on Monday, December 21, 2015, or by adding a write-in candidate on the space indicated on the ballot when the straw poll occurs.

Synopsis:

A new Mayor and Vice-President are elected by City Council members each January to serve a one-year term in their respective positions. The *Casper City Council Handbook* details the process by which these positions have historically been selected.

Background:

The Mayor is elected by the City Council from their members. Interested members submit their names as candidates for Mayor and Vice-President of the Council at a special meeting near the end of the calendar year. An informal and non-binding straw poll is taken by secret ballot at that work session. The votes are turned over to the City Attorney and the current Mayor to count and announce the results. Traditionally, the prior year's Vice-President is elected as the new Mayor, but this is not required by any ordinance or other legal instrument. After the vote for Mayor, a second straw poll is taken to elect the Vice-President.

At the first official Council meeting of the New Year, the prior year's Mayor steps aside and the Council formally votes on the new Mayor and Vice-President. Customarily, the Council members selected are those who were selected by the straw poll, and they are elected unanimously.

Council members who would like to be included as a candidate for Mayor or Vice-President of Council, or who would like to nominate another Council member, should email Tanya Johnson by 5:00 p.m. on Monday, December 21, 2015. Ballots will then be prepared; however, any Council member will be able to add a name to the ballot, even after the submission deadline, by

means of a write-in on the blank spaces included, during the straw poll. This straw poll will occur during the work session December 22, 2015. A formal vote will take place on Tuesday, January 5, 2016.