

CITY OF BETHEL

City Council Meeting Agenda, July 26, 2022 – 6:30 PM

Website: <https://www.cityofbethel.org/council>

Location: Council Chambers, City Hall, 300 Chief Eddie Hoffman Highway, Bethel

Council Members: Mayor Mark Springer, Vice-Mayor Conrad McCormick, Michelle DeWitt,
Perry Barr, Rose Henderson, Eric Whitney, Beth Hessler

Zoom Meeting Link: <https://us06web.zoom.us/j/4888456188?pwd=bkN1dGI4MHpGZ1kwOUVYWU5kd0xhZz09>

Zoom Meeting ID: 488 845 6188

Zoom Meeting Passcode: 13871

Zoom Meeting Conference Line Numbers: 833 548 0276 US Toll-free

833 548 0282 US Toll-free

877 853 5257 US Toll-free

888 475 4499 US Toll-free



1. CALL TO ORDER

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL

4. PEOPLE TO BE HEARD – FIVE MINUTES PER PERSON

4.1.



Written Public Comments can be submitted by opening your phone camera and hovering over this URL code. The link to the submission form will appear. You may also go to www.cityofbethel.org.

5. APPROVAL OF CONSENT AGENDA AND REGULAR AGENDA

6. APPROVAL OF MEETING MINUTES

6.1. *7-12-2022 Regular City Council Meeting

7. REPORTS OF STANDING COMMITTEES

7.1. Committee/Commission Agendas And Draft Meeting Minutes

8. SPECIAL ORDER OF BUSINESS

9. UNFINISHED BUSINESS

9.1. Public Hearing of Budget Ordinance 22-25: Establishing The Fiscal Year 2023 Capital Improvement Plan Budget (City Manager Williams)

9.2. Public Hearing Of Budget Ordinance 22-22(a): Amending The City Of Bethel Fiscal Year 2023 Budget (City Manager Williams)

10. NEW BUSINESS

10.1. *Introduction Of Budget Ordinance 21-26(m): Amending The Fiscal Year 2022 Budget (City Manager Williams)

10.2. *Introduction Of Ordinance 22-26: Submitting To The Qualified Voters Of The City Of Bethel, On

Posted July 20, 2022 at AC Co., Swanson's, City Hall, and the Post Office.

Kevin Morgan, Deputy City Clerk

City Clerk's Office Contact Information: Email cityclerk@cityofbethel.net Phone 907-545-4120

Items noted with an asterisk (*) are consent agenda items, unless removed from the consent agenda they are approved upon the approval of the agenda. Ordinances introduced at this meeting may be set for public hearing at the next regular meeting.

The Council may by unanimous consent, after 12:00 AM Fix the Time to Which To Adjourn until the following day at 6:30 PM

October 4, 2022, A Ballot Proposition Initiated Through Alcohol Local Option Petition (Mayor Springer)

- 10.3. *Introduction Of Ordinance 22-27: Amending The Official Land Use Map Of Bethel By Adopting A General Use Zoning Designation To Land Owned By Jeannine Faulkner Consisting Of A 2.32-Acre Property Located At 2000 Bia Road; Tract A, Plat 83-42BS; Section 11, Township 8N, Range 72W, Seward Meridian, In The Bethel Recording District (Planning Commission)
- 10.4. *Resolution 22-07: Request For Variance To Federal Motor Carrier Safety Administration Regulations So That Alaskans Can Complete Some Or All Commercial Driver's License Requirements In Bethel And Other Rural Areas Of Alaska (City Manager Williams)
- 10.5. AM 22-21: Accepting The Resignation Of Vice-Mayor CJ McCormick Effective October 11, 2022 And Directing The City Clerk To Place The One-Year Term Seat On The City Of Bethel Regular Election Ballot (Mayor Springer)
- 10.6. *IM 22-15 Business License and Sales Tax compliance (City Manager Williams)

11. REPORTS

- 11.1. Mayor's Report
- 11.2. City Manager's Report
- 11.3. Clerk's Report

12. COUNCIL MEMBER COMMENTS

13. EXECUTIVE SESSION

14. ADJOURNMENT

Posted July 20, 2022 at AC Co., Swanson's, City Hall, and the Post Office.

Kevin Morgan, Deputy City Clerk

City Clerk's Office Contact Information: Email cityclerk@cityofbethel.net Phone 907-545-4120

Items noted with an asterisk (*) are consent agenda items, unless removed from the consent agenda they are approved upon the approval of the agenda. Ordinances introduced at this meeting may be set for public hearing at the next regular meeting.

The Council may by unanimous consent, after 12:00 AM Fix the Time to Which To Adjourn until the following day at 6:30 PM

1. CALL TO ORDER

A Regular Meeting of the Bethel City Council was held on July 12, 2022 at 6:30 p.m., in the Council Chambers, Bethel, Alaska.

Mayor Springer called the meeting to order at 6:30 p.m.

2. PLEDGE OF ALLEGIANCE

3. ROLL CALL

Comprising a quorum of the Council, the following members were present:
City Council Member Eric Whitney City Council Member Beth Hessler City Council Member Rose Henderson City Council Member Michelle DeWitt City Council Member Perry Barr Mayor Mark Springer
Members Absent:
Vice-Mayor Conrad McCormick
Also in attendance were the following:
City Manager Peter Williams, City Clerk Lori Strickler, City Attorney Libby Bakalar (telephonically)

4. PEOPLE TO BE HEARD – Five minutes per person

No one present to be heard.

Item 4.1. - Written Public Comments

Cynthia Andrecheck, Bethel resident- Opposed to Ordinance 22-23.

5. APPROVAL OF CONSENT AGENDA AND REGULAR AGENDA

Main Motion: Approve the Regular and Consent Agenda.

Moved by:	Beth Hessler
Seconded by:	Rose Henderson
In favor:	Perry Barr, Mark Springer, Michelle DeWitt, Rose Henderson, Eric Whitney, Beth Hessler
Opposed:	None
Results:	Motion Carries

6. APPROVAL OF MEETING MINUTES

Item 6.1. - *6-28-2022 Regular City Council Meeting
Passed on the consent agenda.

Item 6.2. - *6-30-2022 Special City Council Meeting
Passed on the consent agenda.

7. REPORTS OF STANDING COMMITTEES

Item 7.1. - Committee/Commission Agendas And Draft Meeting Minutes

Port Commission, Council Member Hessler- A meeting has not been held since the last meeting.

Planning Commission, Council Member Henderson- The next meeting is scheduled for Thursday, July 12.

Community Action Grant Committee, Council Member Barr- A meeting was held to review applications. The Council will be reviewing an Action Memorandum recommending the distribution of grant funds. Encouraged people to apply for the grant.

Community Parks and Recreation Committee, Council Member DeWitt- The Committee discussed the Kids Vote/Art Program, upcoming goals of the body, and the feasibility study for the expansion of the YK Fitness Center.

Finance Committee, Council Member Whitney- A meeting has not been held since the last Meeting.

Public Works Committee, Mayor Springer- There are vacancies on the Committee, please apply.

Public Safety and Transportation Commission- No one available to provide the report.

8. SPECIAL ORDER OF BUSINESS

9. UNFINISHED BUSINESS

Item 9.1. - Public Hearing Of Ordinance 22-23: Amending Bethel Municipal Code 4.16.160 Sales Tax Exemptions And Limitations, Subsection Y, Transportation (City Manager Williams)

*Mayor Springer opened the Public Hearing.
Cindy Andercheck provided written public comment.
Mayor Springer closed the Public Hearing.*

Motion to adopt was made on the June 28th Regular City Council Meeting by Council Member Whitney and seconded by Council Member DeWitt.

Moved by:	Eric Whitney
Seconded by:	Michelle DeWitt
In favor:	Perry Barr, Mark Springer, Michelle DeWitt, Rose Henderson, Eric Whitney, Beth Hessler
Opposed:	None
Results:	Motion Carries

Motion to allow the memo provided by the City Attorney on air travel a public record.

Moved by:	Rose Henderson
Seconded by:	Perry Barr
In favor:	None
Opposed:	Perry Barr, Mark Springer, Michelle DeWitt, Rose Henderson, Eric Whitney, Beth Hessler
Results:	Motion Fails

Motion to allow the release of the legal memo with the content related to specific businesses to be removed and have the scope be limited to the ordinance presented and to be included in the packet material.

Moved by:	Eric Whitney
Seconded by:	Perry Barr
In favor:	Perry Barr, Mark Springer, Michelle DeWitt, Rose Henderson, Eric Whitney, Beth Hessler
Opposed:	None
Results:	Motion Carries

Motion to suspend the rules to hear from the Finance Director.

Moved by:	Rose Henderson
Seconded by:	Michelle DeWitt
In favor:	Perry Barr, Mark Springer, Michelle DeWitt, Rose Henderson, Eric Whitney, Beth Hessler
Opposed:	None
Results:	Motion Carries

Motion to postpone.

Moved by:	Eric Whitney
Seconded by:	Perry Barr
In favor:	Perry Barr, Mark Springer, Beth Hessler
Opposed:	Michelle DeWitt, Rose Henderson, Eric Whitney

Results: | Motion Fails

Item 9.2. - Public Hearing Of Ordinance 22-24: Submitting To The Qualified Voters Of The City Of Bethel, On October 4, 2022, A Ballot Proposition Initiated Through Petition: Bethel Municipal Code 8.06.010 Mask Mandates (Mayor Springer)

Mayor Springer opened the Public Hearing.

No one present to be heard.

Mayor Springer closed the Public Hearing.

Main Motion: Adopt Ordinance 22-24.

Moved by:	Eric Whitney
Seconded by:	Perry Barr
In favor:	Perry Barr, Mark Springer, Michelle DeWitt, Rose Henderson, Eric Whitney, Beth Hessler
Opposed:	None
Results:	Motion Carries

Item 9.3. - Public Hearing Of Budget Ordinance 21-26(l): Amending The City Of Bethel Fiscal Year 2022 Budget (City Manager Williams)

Mayor Springer opened the Public Hearing.

No one present to be heard.

Mayor Springer closed the Public Hearing.

Main Motion: Adopt Budget Ordinance 21-26(l).

Moved by:	Perry Barr
Seconded by:	Beth Hessler
In favor:	Perry Barr, Mark Springer, Michelle DeWitt, Rose Henderson, Eric Whitney, Beth Hessler
Opposed:	None
Results:	Motion Carries

Item 9.4. - *Introduction of Budget Ordinance 22-25: Establishing The Fiscal Year 2023 Capital Improvement Plan Budget (City Manager Williams)

Passed on the consent agenda.

10. NEW BUSINESS

Item 10.1. - *Introduction Of Budget Ordinance 22-22(a): Amending The City Of Bethel Fiscal Year 2023 Budget (City Manager Williams)

Passed on the consent agenda.

Item 10.2. - AM 22-19: Authorize And Direct City Administration To Issue Checks Totaling \$28,500 To Year 5, Quarter 2 Community Action Grant (CAG) Awardees Based On The Recommendation Of The Community Action Grant Committee (City Manager Williams)

Main Motion: Approve AM 22-19.

Moved by:	Perry Barr
Seconded by:	Rose Henderson
In favor:	Perry Barr, Mark Springer, Michelle DeWitt, Rose Henderson, Eric Whitney, Beth Hessler
Opposed:	None
Results:	Motion Carries

Item 10.3. - AM 22-20: Authorizing Travel For Vice-Mayor To Attend Alaska Municipal League Summer Conference August 10-12, 2022 (Mayor Springer)

Main Motion: Approve AM 22-20.

Moved by:	Beth Hessler
Seconded by:	Perry Barr
In favor:	Perry Barr, Mark Springer, Michelle DeWitt, Rose Henderson, Eric Whitney, Beth Hessler
Opposed:	None
Results:	Motion Carries

Item 10.4. - *IM 22-13: Presentation Of The City's Water & Sewer Services Expenditures Compared To Budget From July 1, 2021, To June 30, 2022- Utilities Maintenance -Water & Wastewater Activity Report (City Manager Williams)

Passed on the consent agenda.

Item 10.5. - *IM 22-14: City's Healthy And Equitable Communities Grant For COVID-19 Response And Mitigation Activities From The Alaska Department Of Health And Social Services Contains \$13,500 In Funding Meant To Decrease Health Equity For Homeless Populations (City Manager Williams)

Passed on the consent agenda.

11. REPORTS

Item 11.1. - Mayor's Report

Item 11.2. - City Manager's Report

Item 11.3. - Clerk's Report

12. COUNCIL MEMBER COMMENTS

Mayor Springer- The January 6th hearings are a once in a lifetime event. COVID is still a threat. The river looks like it is coming back up; be careful out there.

Council Member DeWitt- No comment.

Council Member Barr- Bethel Family Clinic is having a hot dog give-away tomorrow.

Council Member Henderson-Thanked the Police Department for providing the numbers of warnings/citations for 4-wheelers. Proud of the Police Department for making an effort to connect with the youth in the community.

Council Member Whitney- No comment.

Council Member Hessler- Enjoyed the 4th of July. Thanked all those who contributed to the event. Spoke about vandalism in the community. Inspire yourself and your children to have pride in your town.

13. EXECUTIVE SESSION

14. ADJOURNMENT

Main Motion: Adjournment.

Moved by:	Rose Henderson
Seconded by:	Perry Barr
In favor:	Perry Barr, Mark Springer, Michelle DeWitt, Rose Henderson, Eric Whitney, Beth Hessler
Opposed:	None
Results:	Motion Carries

Meeting ended at 7:54 p.m.

Mark Springer, Mayor

ATTEST:

Lori Strickler, City Clerk



CITY OF BETHEL
PUBLIC WORKS COMMITTEE
WEDNESDAY, JULY 20, 2022, 5:30 PM

LOCATION: 300 CHIEF EDDIE HOFFMAN HIGHWAY

JOIN ZOOM MEETING: [HTTPS://US06WEB.ZOOM.US/J/83051385613?PWD=UZZINWZOV0ZWNKXLUNP3BKEYOUJXDZ09](https://us06web.zoom.us/j/83051385613?pwd=UZZINWZOV0ZWNKXLUNP3BKEYOUJXDZ09)

888 475 4499 US TOLL-FREE 833 548 0276 US TOLL-FREE

833 548 0282 US TOLL-FREE 877 853 5257 US TOLL-FREE

MEETING ID: 830 5138 5613 PASSCODE: 605375

MEMBERS

Ryan Butte
Alyssa Leary
Fritz Charles
Mark Springer, Council Rep.

STAFF

Bill Arnold, Ex Officio Member
pwadmin@cityofbethel.net
907-543-3110

I. CALL TO ORDER

II. ROLL CALL

III. PEOPLE TO BE HEARD – FIVE MINUTES PER PERSON

IV. APPROVAL OF AGENDA

V. APPROVAL OF MEETING MINUTES

- A. October 20, 2021 Regular Meeting
- B. November 17, 2021 Meeting Minutes
- C. December 15, 2021 Meeting Minutes
- D. January 19, 2022 Regular Meeting Minutes
- E. February 16, 2022 Regular Meeting Minutes
- F. March 16, 2022 Regular Meeting Minutes
- G. April 20, 2022 Regular Meeting
- H. May 18, 2022 Regular Meeting

VI. UNFINISHED BUSINESS

- A. Amending BMC 08.12.020 and 08.12.030, Related to Plastic Bags And Disposable Food Service Ware
- B. Follow Up On Recommendation For Code Enforcer Position
- C. Election Of Vice-Chair
- D. Election Of Chair
- E. Evaluation Of Committees 2022 Goals, Tasks And Priorities
- F. Declaration Of Vacancy - Two Seats Due To Member Resignations
- G. Explanation Of Possible Amendments To Bethel Municipal Code To Clarify Ownership Of Piped Water Service Lines

Posted July 14, 2022 at City Hall, AC Co., Swanson's, and the Post Office.

Name, Ex-Officio Staff

H. Reveiw Of Fiscal Year 2023 Proposed Budget

I. Bethel Comprehensive Plan Update-Committee Review And Input

VII. NEW BUSINESS

VIII. EX OFFICIO REPORT

A. Monthly Department Head Operational Reports

IX. MEMBER COMMENTS

X. ADJOURNMENT

Posted July 14, 2022 at City Hall, AC Co., Swanson's, and the Post Office.

Name, Ex-Officio Staff



CITY OF BETHEL

PLANNING COMMISSION MEETING

Thursday July 14, 2022, 6:30 p.m.

LOCATION: City Hall Council Chamber/or virtual via Zoom

ADDRESS: **300 CHIEF EDDIE HOFFMAN HIGHWAY**

COMMISSION MEMBERS:

Kathy Hanson, *Chair*
Lorin Bradbury, *Vice-Chair*
Alex Wasierski
Shadi Rabi

Stanley Hoffman Jr.
Jessica Schroeder
Haley Hanson, *Alternate*
Greg Morgan, *Alternate*
Rose Henderson, *Council Rep.*

STAFF:

PLANNING DIRECTOR: Ted Meyer
ADMIN ASST.: Pauline Boratko
EMAIL: planning@cityofbethel.net
PHONE: 907-543-5301
WEBSITE: www.cityofbethel.org

Join Zoom Meeting

<https://zoom.us/join>

Meeting ID: 863 4603 4837

Passcode: 221221

Dial by Location

253 215 8782 US (Tacoma)	301 715 8592 US (DC)	833 548 0276 US Toll-free	877 853 5257 US Toll-free
346 248 7799 US (Houston)	312 626 6799 US (Chicago)	833 548 0282 US Toll-free	888 475 4499 US Toll-free
669 900 9128 US (San Jose)	646 558 8656 US (New York)		

- I. **CALL TO ORDER:**
- II. **ROLL CALL:**
- III. **PEOPLE TO BE HEARD:** 5-minute time limit per person
- IV. **APPROVAL OF AGENDA:**
- V. **APPROVAL OF THE MINUTES:**
 - A. June 9, 2022- regular meeting
- VI. **SPECIAL ORDER OF BUSINESS:**
- VII. **UNFINISHED BUSINESS:**
- VIII. **NEW BUSINESS:**
 - A. **PUBLIC HEARING:** Purpose: Findings and recommendations for a Conditional Use Permit for a licensed, pre-existing, non-conforming Bed & Breakfast Homestay. Location: 131 Torgerson Square
Applicant/Property Owner: Rebecca Contreras
 - B. **PUBLIC HEARING:** Purpose: Findings and recommendations for a Conditional Use Permit for a licensed, pre-existing, non-conforming Bed & Breakfast Homestay. Location: 235 Mission Lake Drive
Applicant/Property Owner: Job Hale
 - C. **Discussion:** LKSD Ayaprun School Traffic Mitigation Study
- IX. **EX OFFICIO MEMBER REPORTS:**
- X. **COMMISSION MEMBER COMMENTS:**
- XI. **ADJOURNMENT:**

Posted July 8, 2022 at City Hall, AC Co., Swanson's, and the Post Office.


Name, Ex-Officio Staff

City of Bethel, Alaska

Planning Commission

July 14, 2022

Regular Meeting

Bethel, Alaska

I. CALL TO ORDER:

A regular meeting of the Planning Commission was held virtually via Zoom and in person at the City Hall Council Chambers in Bethel, Alaska July 14, 2022. The Chair of Commission, Kathy Hanson called the meeting to order at 6:32 PM.

II. ROLL CALL:

Compromising a quorum of the Commission, the following members were present for roll call: Kathy Hanson, Lorin Bradbury, Alex Wasierski, Haley Hanson, Greg Morgan and Council Rep. Rose Henderson.

Excused Absence: Shadi Rabi

Unexcused Absence: Stanley Hoffman Jr, Haley Hanson, Jessica Schroeder

Also Present: Ted Meyer, City Planner; Pauline Boratko, Recorder

III. PEOPLE TO BE HEARD: no one wished to be heard

IV. APPROVAL OF THE AGENDA:

MOVED:	Lorin Bradbury	Motion to approve the agenda.
SECONDED:	Rose Henderson	
VOTE ON MOTION	Unanimous	

V. APPROVAL OF THE MINUTES:

MOVED:	Lorin Bradbury	Motion to approve regular meeting minutes from June 9, 2022.
SECONDED:	Alex Wasierski	
VOTE ON MOTION	Unanimous	

VI. SPECIAL ORDER OF BUSINESS:

VII. UNFINISHED BUSINESS:

VIII. NEW BUSINESS:

- A. PUBLIC HEARING:** Purpose: Findings and recommendations for Conditional Use Permit for a licensed, pre-existing Bed & Breakfast Homestay. Location: 131 Torgerson Square.
Applicant/Property Owner: Rebecca Contreras

Chair of the Commission Kathy Hanson opened the public hearing.

The Chair asked members of the Commission to disclose any conflicts of interest or Ex Parte Communications they may have had on the action before them.

Testimony by Interested Parties:

Ted Meyer, City Planner gave his report.

Owner and applicant Rebecca Contreras gave her introduction

People to be heard: Robert Lekander: Voiced his concerns about the road access, and the amount of bed and breakfast in the residential zone, and oppose the CUP.

Rebecca Contreras commented on her behalf

City Planner, Ted Meyer: no comment

Deliberation took place amongst commissioners.

<i>Moved:</i>	<i>Lorin Bradbury</i>	<i>Motion to approve the Conditional Use Permit with the condition of Fire Chiefs recommendation to modify the distance between the vertical slats of the guardrail steps at the front entrance of the house to the required 4 inches.</i>
<i>SECONDED:</i>	<i>Alex Wasierski</i>	
<i>VOTE ON MOTION</i>	<i>6-yes; 0-no; unanimous</i>	

Lorin Bradbury excused himself from the meeting at 7:35pm

3 minute meeting intermission at 7:38pm, Meeting resumed at 7:41pm

- B. PUBLIC HEARING:** Findings and recommendations for Conditional Use Permit for a licensed, pre-existing Bed & Breakfast Homestay. Location: 235 Mission Lake Drive.
Applicant/Property Owner: Job Hale

The Chair asked members of the Commission to disclose any conflicts of interest or Ex Parte Communications they may have had on the action before them.

Testimony by Interested Parties:

Ted Meyer, City Planner gave his report.

Owner and applicant Job Hale chose not to give an introduction

People to be heard: no one wished to be heard

City Planner Ted Meyer no closing comment

Job Hale- no closing comment.

<i>Moved:</i>	<i>Alex Wasierski</i>	<i>Motion to approve Conditional Use Permit for Rebecca Contreras to continue operation of the Bed & Breakfast homestay.</i>
<i>SECONDED:</i>	<i>Rose Henderson</i>	
<i>VOTE ON MOTION</i>	<i>5-yes; 0-no; motion passes</i>	

Chair of the Commission Kathy Hanson, closed the public hearing.

- C. Discussion: LKSD Ayaprun School Traffic Mitigation Study: City Planner gave an update on the schools traffic study.

IX. PLANNER'S REPORT: Ted Meyer gave his report.

X. COMMISSIONER'S COMMENTS:

K. Hanson- no comment

A. Wasierski- no comment

H. Hanson- no comment

R. Henderson- Thank you Ted and Pauline for all your work that goes into the meeting packet.

G. Morgan- no comment

X. ADJOURNMENT:

MOVED:	Rose Henderson	Motion to adjourn the meeting.
SECONDED:	Haley Handon	
VOTE ON MOTION	Unanimous	

With no further business the meeting adjourned at 8:21 pm

APPROVED THIS ____ DAY OF _____, 2022

Kathy Hanson, Chair

ATTEST: Pauline Boratko, Recorder



CITY OF BETHEL

FINANCE COMMITTEE

MONDAY, JULY 25, 2022, 6:30 PM

LOCATION: COUNCIL CHAMBERS, 300 STATE CHIEF EDDIE HOFFMAN HIGHWAY

Zoom Instructions:

[HTTPS://ZOOM.US/J/99674371849?PWD=NWTUNURHC1EVOE15DUVONFJ3NKNP.UT09](https://zoom.us/j/99674371849?pwd=NWTUNURHC1EVOE15DUVONFJ3NKNP.UT09)

MEETING ID: 996 7437 1849

PASSCODE: 507255

MEMBERS

Carol Ann Willard, Chair
Robert Rey, Vice Chair
David Trantham Jr.
John Hamilton
Farah Sears
Vacancy
Eric Whitney, Council Rep.

STAFF

Duane Wright, Ex Officio Member
Xavier Mason, Ex Officio Member
Alexandra Batchelor, Ex Officio Member
finance@cityofbethel.net
907-543-1381

I. CALL TO ORDER

II. ROLL CALL

III. PEOPLE TO BE HEARD – FIVE MINUTES PER PERSON

IV. APPROVAL OF AGENDA

A. 07/25/2022

V. APPROVAL OF MEETING MINUTES

A. 05/23/2022

B. 06/27/2022

VI. NEW BUSINESS

- A. Declaration of Vacancy
- B. Business Licenses - B.M.C. 5.04
- C. Sales Tax Compliance – B.M.C. 4.16

VII. EX OFFICIO REPORT

VIII. MEMBER COMMENTS

IX. ADJOURNMENT

We are accepting written testimony from the public for each of our public meetings. The deadline to submit your written testimony will be 4:00 pm the day of the meeting. Please send written testimony to abatchelor@cityofbethel.net

Anonymous submissions will not be accepted.

Introduced by: City Manager Peter Williams
Introduction Date: June 30, 2022
Public Hearing: July 12, 2022
Action:
Vote:

CITY OF BETHEL, ALASKA
ORDINANCE # 22-25

**AN ORDINANCE ESTABLISHING A CITY OF BETHEL BUDGET FOR FISCAL YEAR 2023
BEGINNING JULY 1, 2022 ENDING JUNE 30, 2023**

Be it Ordained by the City Council of Bethel as follows:

Section 1. That Ordinance, a non-code ordinance, establishes a City of Bethel Capital Improvement Budget for fiscal year 2023.

Section 2. That money shall be appropriate from the City's funds for capital expenditures.

GENERAL FUND

General Fund - Capital Expenditures

IT Services	\$	160,000	
Fire	\$	505,248	
Police	\$	826,400	
Streets and Roads	\$	1,575,000	
Property Maintenance	\$	300,000	
TOTAL GENERAL FUND - CAPITAL EXPENDITURES	\$	3,366,648	\$ -

Capital Improvement- Enterprise Funds

Yukon-Kuskokwim Aquatic Health & Safety Center	\$	58,000	
Solid Waste	\$	530,000	
Water & Sewer	\$	775,390	
Municipal Docks	\$	1,626,452	
Bethel Transit	\$	86,000	
American Rescue Plan Act (Grant Funding)	\$	1,500,000	
TOTAL CAPITAL PROJECTS- Enterprise Funds	\$	4,575,842	\$ -

Section 3. That the FY 2023 Capital Improvement Budget is adopted for a period for one (1) year.

ENACTED THIS 12 DAY OF JULY 2022, BY A VOTE OF ___ IN FAVOR AND ___ OPPOSED.

Mark Springer, Mayor

ATTEST:

Lori Strickler, City Clerk



FY 2023

CAPITAL IMPROVMENT PLAN

July 1, 2022 - June 30, 2023



CITY OF BETHEL

P.O. Box 1388 Bethel, Alaska 99559
Phone 907-543-2047
Fax 907-543-1393

April 1, 2022

Bethel City Council
P.O. Box 1388
Bethel, Alaska 99559

Dear, Mayor Springer, Vice Mayor McCormick, and Council Members:

The intent of this plan is to provide an overview of the capital improvements that would be best suit this organization for the 2023 fiscal year. Externally, if fulfilled the capital improvement would empower our employees to improve services provided to the citizens of Bethel. Internally, I think that these improvements will boost employee morale and maybe even be attract future personnel.

Though the FY22 General Fund Revenues have significantly exceeded our Expenditures, due in part to strong sales tax revenues. In my opinion, the greatest challenge within the Capital Improvement Plan is the expenses that are proposed from the Municipal Dock Fund. The purpose of this Capital Improvement Plan is to guide us all in deciding what is needed and what can be funded in the 2023 Fiscal Year.

This Capital Improvement Plan is structured the following:

- Buildings & Infrastructure Inventory;
- Rolling Stock;
- Services
- Continued Capital Improvements (Carryovers); and then
- Proposed Capital Improvements

The remainder of this letter will provide a brief context for some the peripheral components that are included in the Capital Improvement Plan, beginning with the inventory of the City's buildings and infrastructure, road improvements, rolling stock, and then services.

Buildings and Infrastructure – General Fund

Public Work's Building

We used the insured value for reference to determine the value. The cost of a new structure was reported to be between seven hundred and a thousand dollars per sq. ft. the public Work's building is in poor shape. We have a structural report that determined to repair what we have, would cost about \$7,000,000. The problem with rehabbing the

building is that it would not add floor space needed for all our Water and Sewer Trucks. A new building would cost approximately over \$25,000,000.

City Hall

We have finished remodeling City Hall, which needed some repairs and improvements.

Misc.

There are a few buildings on the list that we do not own or does not exist, but the information that this Capital Improvement Project Plan provides may prove to be useful.

Road Improvements – General Fund

Not all the roads that the city is responsible for is on this list. The roads that are listed are the ones that are most frequently traveled upon. The gravel that we use last about five years depending on how often they are traveled on. Erosion can be a big factor when determining how often a road is resurfaced. This year we are requesting \$600,000 for the Streets & Roads Department.

Rolling Stock

The proposed Capital Expenditures list is separated between the Enterprise Funds and General Funds. This list includes light-duty, pickup trucks, and heavy-duty equipment. Heavy duty equipment has a vast range of what it could be. Last year, we were fortunate to purchase a shredder to prolong the life of the landfill, other expenses could be graders, water trucks, and other specialized vehicles such as a contractor. Almost all the equipment is factory built and can take a significant amount of time between the date of purchase and its arrival to Bethel.

The list regarding the *General Fund* expenditures may be difficult to prioritize due to the funds available. Most of the items are one-time purchases that will not need to be funded again for several years, which can give the fund time to replenish those expenses. We do need the gravel for the roads.

Services

The *Comprehensive Plan* is an Organizational Goal that will need funding if we want to complete that. The *Connectivity* service is a big concern if we continue as is. In the past, departments have experienced what it is like not to be able to use the organization's network due to the number of employees using it at the same time. Documenting ownership and boundaries of the roads will become important as we improve the roads.

The idea behind this plan was to discuss the choices we have and determine what we feel is important to fund.

Thank you,

Peter A. Williams

Peter A. Williams

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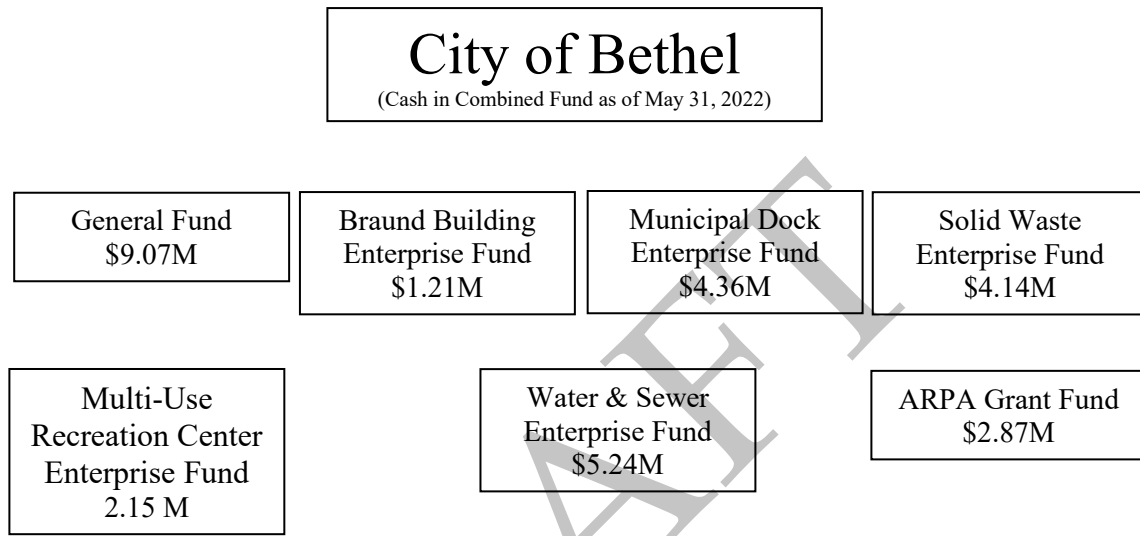
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Retention Pond Documentation 161

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City of Bethel Visual Fund Summary

The following is a visual representation of the City of Bethel's fund balances. The city of Bethel has the following funds: General Fund, Braund Building Enterprise Fund, Public Transit Enterprise Fund, Municipal Dock Enterprise Fund, Solid Waste Enterprise Fund, Multi-Use Recreation Center Enterprise Fund, Water and Sewer Enterprise Fund, and the American Rescue Plan Act (ARPA) Grant Fund.



The way we measure the Public Transportation Fund is an enterprise fund; however, little bit different from the other funds because it is paid for in its entirety via grants. For this Fund, we focus on reporting expenses, and they are as follows:

Public Transportation Fund
As of May 31, 2022, costs for services and personnel totaled to \$735,667



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Buildings & Infrastructure Asset Inventory

BUILDINGS & INFRASTRUCTURE ASSET INVENTORY

Building Description	Physical Location	Year Built	Sq. Ft.	APEI Building Value	& Other Structures	Replacement Cost
Fire Station	320 State Hwy	1982	9912	\$6,106,300		\$8,425,200
Float System Handwalls (8)	Boat Harbor	2004	3600		\$400,000	\$3,060,000
Ridgecrest Well	900 Ridgecrest	1999	NA			\$350,000
Housing Lift Station	133 Akakeek St.	1979	86	\$86		\$73,100
Kilbuck Lift Station	5th & Main St.	1994	86	\$86		\$73,100
Ridgecrest Water Tank 423,000 gal.	900 Ridgecrest	2000	2124	\$2,124	\$2,881,830	\$1,805,400
Water Tank 60,000 gal.	204 State Hwy	1980	200	\$200	\$60,000	\$170,000
Water Treatment	900 Ridgecrest	1970	3245	\$3,245		\$2,758,250
Water Treatment Facility	235 Akiak St.	2001	4600	\$4,600		\$3,910,000
Bus Barn	503 State Hwy	1980	1000	\$1,000		\$850,000
City Hall	300 State Hwy	1976	7384	\$7,384		\$6,276,400
Youth Center	519 Mission Drive	1982	3929	\$3,929		\$3,339,650
Utilities Maintenance Shop	1290 Ridgecrest	1983	1700	\$1,700		\$1,445,000
Public Works Building	1155 Ridgecrest	1983	35040	\$35,040		\$29,784,000
Recycle Building	1270 Ridgecrest	2000	2800	\$2,800		\$2,380,000
Generator	308 State Hwy	2007	160	\$160		\$136,000
Dog Pound	1125 Ridgecrest	1986	185	\$185		\$157,250
Public Works Building Generator	1155 Ridgecrest	1970s	160	\$160	\$5,000	\$136,000
Fire Dept./Training	1157 Ridgecrest	1981	98	\$98		\$83,300
Ridgecrest Lift Station	832A Ridgecrest	2004	624	\$624	\$1,589,010	\$530,400
Landfill Building	1300 Ridgecrest	2013	240	\$240		\$204,000
Law Center (Remodeled)	204 State Hwy	2000	28820	\$28,820		\$24,497,000
Quonset Building Warehouse	400 Stand Oil Rd.	1972	5200	\$5,200		\$4,420,000
Water Tank 500,000 Gallons	235 Akiak St.	2006	3236	\$3,236	\$2,853,300	\$2,750,600
Police Department Building #1	157 Salmonberry	2013	7884	\$7,884		\$6,701,400
Police Department Building #2	157 Salmonberry	2013	4320	\$4,320		\$3,672,000
Wind Turbine at Fitness Ctr.	267 Akiachak St.	2014	NA		\$1,333,800	N/A
Transit Building	370A Fourth Ave.	1978	2800	\$2,800		\$2,380,000
Storage/Shop Warehouse	251 East Ave.	1987	1800	\$1,800		\$1,530,000
YK Fitness Center	267 Akiachak St.	2014	23164	\$23,164		\$19,689,400
(Q-2) Lift Station	2400 State Hwy	2017	884	\$884		\$751,400
Port Operations Building	919 Front St.	2017	1900	\$1,900		\$1,615,000
Utility Main. Bldg. & Attached Shop	311 Fourth Ave.	Late 1970s	1620	\$1,620		\$137,000
Warehouse	310 Fourth Ave.	1985	2000	\$2,000		\$1,700,000
Warehouse	City Dock	Late 1970s	4800	\$4,800		\$4,080,000



Rolling Stock Asset Inventory

**GENERAL FUND
EQUIPMENT & LIGHT DUTY
ROLLING STOCK ASSET INVENTORY**

GENERAL FUND EQUIPMENT ROLLING STOCK

GL Code	Department	Year	Make	Model	Value
100-60	Fire Department	2005	Honda	TFX-650 4X4 Generator	\$5,000
General Fund Equipment Rolling Stock Sub-Total					\$5,000

GENERAL FUND LIGHT DUTY ROLLING STOCKS

GL Code	Department	Year	Make	Model	Value
100-60	Fire Department	1999	Ford	F-450	\$197,000
100-60	Fire Department	1999	Ford	F-450	\$197,000
100-60	Fire Department	2017	Dodge	RAM 4500 HD Ambulance	\$214,834
100-61	Police Department	2006	Ford	F-150	\$21,547
100-61	Police Department	2007	Ford	Expedition	\$8,500
100-61	Police Department	2007	Ford	Expedition	\$0
100-61	Police Department	2009	Dodge	RAM 1500	\$23,976
100-61	Police Department	2013	Ford	Explorer	\$20,000
100-61	Police Department	2015	Ford	F-150	\$40,039
100-61	Police Department	2017	Ford	F-250	\$33,009
100-61	Police Department	2017	Ford	Expedition	\$42,329
100-61	Police Department	2017	Ford	Expedition	\$41,206
100-61	Police Department	2019	Ford	Expedition	\$96,872
100-61	Police Department	2019	Ford	Expedition	\$43,764
100-61	Police Department	2019	Ford	Expedition	\$96,872
100-61	Police Department	2021	Ford	Expedition	\$43,189
100-65	Public Works	2001	Ford	Excursion XLT	\$18,000
100-65	Public Works	2003	Ford	Ranger	\$0
100-65	Public Works	2012	Ford	F-150	\$25,725
100-65	Public Works	2012	Ford	F-150	\$25,725
100-65	Public Works	2006	GMC	Sierra 2500	\$0
100-66	Streets & Roads	2012	Ford	F-250	\$20,703
100-66	Streets & Roads	2012	Ford	F-250	\$20,703
100-70	Property Maintenance	2013	Chevrolet	Silverado 2500	\$20,000
General Fund Light Duty Rolling Stock Sub-Total					\$1,250,993

ENTERPRISE FUNDS EQUIPMENT & LIGHT DUTY ROLLING STOCK ASSET INVENTORY

MUNICIPAL DOCK LIGHT DUTY ROLLING STOCKS

GL Code	Department	Year	Make	Model	Value
520-50	Municipal Dock	1997	Ford	Louisville	\$117,000
520-50	Municipal Dock	2001	Ford	F-250	\$13,000
520-50	Municipal Dock	2006	GMC	Sierra	\$0
520-50	Municipal Dock	2007	GMC	Sierra	\$7,000
520-50	Municipal Dock	2013	Ford	F-150	\$17,500
520-50	Municipal Dock	2021	Ford	F-350	\$60,238
Municipal Dock Fund Light Duty Rolling Stock Sub-Total					\$214,738

SOLID WASTE LIGHT DUTY ROLLING STOCKS

500-71	Landfill	2020	Ford	F-250	\$38,342
Solid Waste Fund Light Duty Rolling Stock Sub-Total					\$38,342

WATER & SEWER UTILITY FUND LIGHT DUTY ROLLING STOCKS

510-81	Water/Sewer	2020	Ford	F-250	\$38,342
Water & Sewer Utility Fund Light Duty Rolling Stock Sub-Total					\$38,342

Enterprise Funds Total Equipment & Light Duty Rolling Stocks					\$291,422
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GENERAL FUND HEAVY DUTY ROLLING STOCK ASSET INVENTORY

FIRE DEPARTMENT HEAVY DUTY ROLLING STOCKS

GL Code	Department	Year	Make	Model	Value
100-60	Fire Department	2017	Ascendant 107	Pierce	\$879,000
100-60	Fire Department	2022	Hughes Fire Equip	Fire Apparatus Class A Pumper	\$759,647
Fire Department Heavy Duty Rolling Stock Sub-Total					\$759,647

STREETS & ROADS HEAVY DUTY ROLLING STOCKS

GL Code	Department	Year	Make	Model	Value
100-66	Streets & Roads	1984	Caterpillar	140-G Grader	\$75,000
100-66	Streets & Roads	1989	International	SD100-D Compactor	\$35,000
100-66	Streets & Roads	1991	Peterbuilt	Dump Truck	\$65,000
100-66	Streets & Roads	1991	International	Flatbed Boom Truck	\$23,125
100-66	Streets & Roads	1992	Caterpillar	966-F Loader	\$80,000
100-66	Streets & Roads	1992	Caterpillar	D3-C Dozer	\$60,000
100-66	Streets & Roads	1992	Caterpillar	D8-N Dozer	\$240,000
100-66	Streets & Roads	1996	Caterpillar	953-B Grader	\$100,000
100-66	Streets & Roads	1999	John Deere	450-H Tractor	\$60,000
100-66	Streets & Roads	2001	Caterpillar	950-G Loader	\$150,000
100-66	Streets & Roads	2004	Caterpillar	163-H Grader	\$200,000
100-66	Streets & Roads	2006	International	7400 Dump Truck	\$60,000
100-66	Streets & Roads	2006	International	7400 SBA 6X4 Dump Truck	\$60,000
100-66	Streets & Roads	2009	Caterpillar	160-M AWD Grader	\$240,000
100-66	Streets & Roads	2012	Caterpillar	324-E Excavator	\$240,000
100-66	Streets & Roads	2014	International	WorkStar 7400 Sander	\$136,610
100-66	Streets & Roads	2014	International	Workstar 7400	\$110,000
100-66	Streets & Roads	2019	Caterpillar	972-M Loader	\$381,218
100-66	Streets & Roads	2019	Mack	Granite Watering Truck	\$226,832
100-66	Streets & Roads	2020	Caterpillar	160 Grader	\$460,046
100-66	Streets & Roads	2022	Kenworth	Dump Truck	\$176,291
100-66	Streets & Roads	2022	Kenworth	Dump Truck	\$176,291
Streets & Roads Heavy Duty Rolling Stock Sub-Total					\$3,355,413

PUBLIC WORKS HEAVY DUTY ROLLING STOCKS

GL Code	Department	Year	Make	Model	Value
100-70	Public Works	2013	John Deere	3320 Compact Utility Pack	\$44,000
Public Works Heavy Duty Rolling Stock Sub-Total					\$44,000

Total Heavy Duty Rolling Stocks for General Fund	\$4,159,060
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ENTERPRISE FUNDS HEAVY DUTY ROLLING STOCK ASSET INVENTORY

SOLID WASTE HEAVY DUTY ROLLING STOCKS

GL Code	Department	Year	Make	Model	Value
500-71	Landfill	2004	Caterpillar	816 F Compactor	\$282,574
500-71	Landfill	2010	Mack	CXU513 Semi Truck	\$32,000
500-71	Landfill	2013	Mack	600 MRU Garbage Truck	\$223,580
500-71	Landfill	2018	Mack	600 MRU Garbage Truck	\$307,969
500-71	Landfill	2019	Mack	600 MRU Garbage Truck	\$340,000
500-71	Landfill	2019	Caterpillar	950M Front End Loader 265534	\$265,534
500-71	Landfill		Hammel	VB 950 DK Shredder	\$789,900
Solid Waste Heavy Duty Rolling Stock Sub-Total					\$1,451,657

WATER & SEWER HEAVY DUTY ROLLING STOCKS

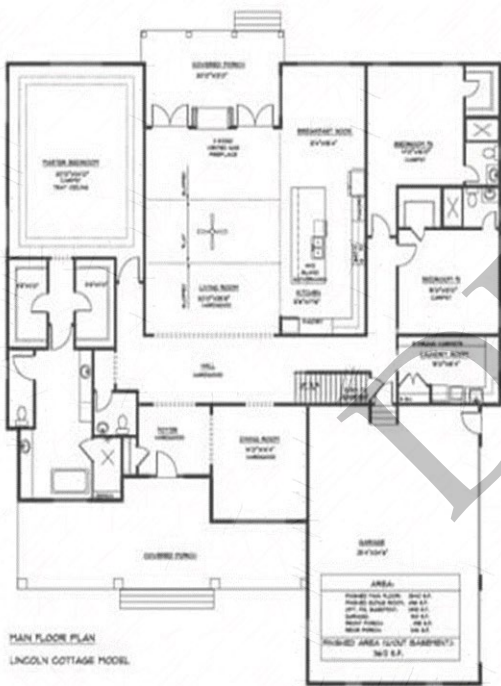
GL Code	Department	Year	Make	Model	Value
510-81	Hauled Water	2018	Mack	GU-713	\$245,000
510-81	Hauled Water	2019	Kenworth	T4 Series	\$266,232
510-81	Hauled Water	2020	Kenworth	T4 Series	\$258,986
510-81	Hauled Water	2020	Kenworth	T4 Series	\$258,986
510-81	Hauled Water	2020	Kenworth	T4 Series	\$258,986
510-81	Hauled Water	2020	Kenworth	T4 Series	\$258,986
510-81	Hauled Water	2020	Kenworth	T4 Series	\$258,986
510-85	Hauled Sewer	2017	Mack	GU-713	\$245,000
510-85	Hauled Sewer	2017	Mack	GU-713	\$245,000
510-85	Hauled Sewer	2019	Kenworth	T4 Series	\$179,202
510-85	Hauled Sewer	2019	Kenworth	T4 Series	\$179,202
510-85	Hauled Sewer	2019	Kenworth	T4 Series	\$179,202
510-85	Hauled Sewer	2019	Kenworth	T4 Series	\$179,202
510-85	Hauled Sewer	2019	Kenworth	T4 Series	\$179,202
Water & Sewer Heavy Duty Rolling Stock Sub-Total					\$3,192,172

MUNICIPAL DOCKS HEAVY DUTY ROLLING STOCKS

GL Code	Department	Year	Make	Model	Value
520-50	Municipal Dock	1980	John Deere	350D Wide Track	\$20,000
520-50	Municipal Dock	1992	Caterpillar	950-E Loader	\$180,000
520-50	Municipal Dock	2006	Caterpillar	D-5 Loader	\$125,000
520-50	Municipal Dock	2019	Bobcat	Mini Excavator	\$83,812
520-50	Municipal Dock	2017	Caterpillar	950M Loader	\$400,000
520-50	Municipal Dock		Skytrack	Squirtboom Forklift	\$50,000
Municipal Docks Heavy Duty Rolling Stock Sub-Total					\$858,812

Total Heavy Duty Rolling Stocks for all Enterprise Funds

\$5,502,641



Continued Projects

‘Carryovers’

PRE-APPROVED CARRYOVERS

100	General Fund
400	Multi-Use Recreation Center Enterprise Fund
500	Solid Waste Enterprise Fund
510	Water & Sewer Utility Enterprise Fund
520	Municipal Dock Enterprise Fund
530	Braund Building Enterprise Fund

GENERAL FUND APPROVED CARRYOVERS (FUND 100)

GL Code	Department	Description	Approved Carryovers	Balance Remaining	Status
100-53-9693	Finance Department	Kiosk Annual Fees	20,000	20,000	In-Progress
100-54-9694	Planning Department	Comprehensive Plan	150,000	147,663	In-Progress
100-54-9695	Planning Department	Road Ownership Determination	40,000	40,000	In-Progress
100-55-9694	Information Technology	Server Room Air Conditioner	10,000	10,000	In-Progress
100-55-9695	Information Technology	Building Mapping/Floor Plans	40,000	27,603	Complete
100-55-9696	Information Technology	Air Conditioner for Servers	50,000	50,000	In-Progress
100-60-6890	Fire Department	Ladder Truck Lease Shared Line Item Title 'Capital Expenditures'	150,000	197,191	In-Progress
100-60-9697	Fire Department	Ford Expedition Command Vehicle	65,000	7,974	Complete
100-61-6891	Police Department	Vehicle Shared Line Item Title, 'Vehicles'	56,500	123,378	In-Progress
100-61-6891	Police Department	Ford Explorer Shared Line Item Title, 'Vehicles'	65,000	123,378	In-Progress
100-65-6893	Administration	City Shop Floor	40,000	40,000	Complete
100-65-6335	Public Works	Community Wide Piped Water/Sewer	173,785	173,785	In-Progress
100-66-9694	Streets & Roads	Caterpillar 420 Backhoe	170,413	170,413	In-Progress
100-66-9702	Streets & Roads	Installation of 36" Culvert	163,710	27,073	In-Progress
100-66-9703	Streets & Roads	STIP Match for Gravel on Roads	1,095,004	1,095,004	In-Progress
100-66-9704	Streets & Roads	3 Kenworth Dump Trucks	546,873	186,380	In-Progress
100-66-9705	Streets & Roads	Caterpillar Shear	268,682	174,010	In-Progress
100-66-9705	Streets & Roads	Mulching Head Attachment	39,409	39,409	In-Progress
100-66-9706	Streets & Roads	Henje Hi-Gate	12,093	732	In-Progress
100-66-9705	Streets & Roads	972 Loader Snow Bucket	48,579	44,003	In-Progress
100-66-9708	Streets & Roads	Bus Barn Improvements	500,000	110,416	In-Progress
100-66-9772	Streets & Roads	Culverts 18"	15,000	6,884	In-Progress
100-70-6242	Property Maintenance	Boardwalk Lighting Project	43,373	43,373	In-Progress
100-70-9596	Property Maintenance	Fire Suppression & Inspection	20,000	7,313	In-Progress
100-70-9696	Property Maintenance	Two 3/4 Ton Pick Up Trucks	52,000	106,832	In-Progress
100-70-9697	Property Maintenance	City Hall Improvements	1,493,915	436,236	Complete
100-70-9698	Property Maintenance	Scissor Lift	18,138	18,138	In-Progress
100-70-9699	Property Maintenance	John Deere 5 Series	100,000	100,000	In-Progress
Total Carryover Expenditures			\$5,447,474	\$3,527,188	

**YUKON-KUSKOKWIM REGIONAL HEALTH & AQUATIC
SAFETY TRAINING CENTER CARRYOVERS
(FUND 400)**

GL Code	Department	Description	Approved Carryovers	Balance Remaining	Status
400-50-9691	YKAHSC	Feasibility Study	75,000	21,928	In-Progress
400-50-9692	YKAHSC	Repairs	1,032,939	784,230	In-Progress
Total Carryover Expenditures			1,107,939	806,159	

**SOLID WASTE FUND CARRYOVERS
(FUND 500)**

GL Code	Department	Description	Approved Carryovers	Balance Remaining	Status
500-70-9693	Hauled Refuse	Refuse Truck	425,000	285,850	Complete
500-70-9694	Hauled Refuse	Kenworth T440 Single Axle Rear Load	\$170,336	170,336	In-Progress
500-71-9695	Landfill	Hammel VB 950 DK Shredder	\$940,000	150,100	Complete
Total Carryover Expenditures			\$1,535,336	\$606,286	

WATER & SEWER ENTERPRISE FUND CARRYOVERS (FUND 510)

GL Code	Department	Description	Approved Carryovers	Balance Remaining	Status
510-81-9695	Hauled Water	Fleet Management Software/ Tablets	75,000	75,000	In-Progress
510-81-9696	Hauled Water	Radio Base Station Upgrade	9,500	9,500	In-Progress
510-82-9691*	Piped Water	Water Main Extension/ Fill Port	74,905	(9,362)	In-Progress
510-83-9773	Bethel Heights Water Treatment Plant	Site Improvements-Capital	27,094	27,094	In-Progress
510-83-6890	Bethel Heights Water Treatment Plant	SCADA System	80,000	80,000	In-Progress
		Shared Line Item Title 'Capital Expenditures'			
510-84-6890	City-Sub Water Treatment Plant	SCADA System	80,000	96,500	In-Progress
		Shared Line Item Title 'Capital Expenditures'			
510-85-9693	Hauled Sewer	Fleet Management Software/ Tablets	75,000	75,000	In-Progress
510-85-9694	Hauled Sewer	Caterpillar Angle Broom	10,482	10,482	In-Progress
510-85-9696	Hauled Sewer	Radio Base Station Upgrade	9,500	9,500	In-Progress
510-86-6890	Piped Sewer	SCADA System	57,137	57,137	In-Progress
		Line Item Title 'Piped Sewer Capital'			
510-86-9693	Piped Sewer	Herman Nelson Heater	68,000	68,000	In-Progress
510-86-9694	Piped Sewer	3/4 Ton Pick-Up Truck	61,000	61,000	In-Progress
510-87-9692	Sewer Lagoon	Terramac RT9-T4 Marooka	299,465	299,465	In-Progress
Total Carryover Expenditures			\$927,083	\$859,316	

MUNICIPAL DOCK ENTERPRISE FUND CARRYOVERS (FUND 520)

GL Code	Department	Description	Approved Carryovers	Balance Remaining	Status
520-50-6890	Municipal Dock	Hydro Seeder Line Item Titled 'Capital Expenditures'	30,000	30,000	In-Progress
520-50-6121*	Municipal Dock	Municipal Dock Gravel	\$160,000	3,133	In-Progress
520-50-9700	Municipal Dock	3/4 Ton Pick-Up Truck	\$65,000	4,762	Complete
520-50-9701	Municipal Dock	Drop Deck Trailer	\$26,069	13,931	In-Progress
Total Carryover Expenditures			\$281,069	\$51,826	

*As of FY23, the line-item Municipal Dock Gravel is no longer categorized as a Capital Expenditure

BETHEL TRANSIT SYSTEM ENTERPRISE FUND CARRYOVERS (FUND 560)

GL Code	Department	Description	Approved Carryovers	Balance Remaining	Status
560-50-9691	Bethel Public Transit	Bus Shelters	23,505	23,505	In-Progress
560-50-9692	Bethel Public Transit	Pressure Washer	9,350	9,350	In-Progress
Total Carryover Expenditures			\$32,855	\$32,855	

BRAUND BUILDING ENTERPRISE FUND CARRYOVERS (FUND 530)

GL Code	Department	Description	Approved Carryovers	Balance Remaining	Status
530-55-9694	Leased Court Complex	Water Service for Fire Suppression in shared Line Item titled, 'Generator Repair'	300,000	241,685	In-Progress
530-55-9694	Leased Court Complex	Generator Repair for Fire Suppression	575,000	552,661	In-Progress
Total Carryover Expenditures			\$300,000	\$794,347	



Proposed Capital Expenditures

CITY OF BETHEL PROPOSED CAPITAL EXPENDITURES

100	General Fund
500	Solid Waste Enterprise Fund
510	Water & Sewer Utility Enterprise Fund
520	Municipal Dock Enterprise Fund
530	Braund Building Enterprise Fund
560	Bethel Transit System Enterprise Fund

**GENERAL FUND
PROPOSED CAPITAL EXPENDITURES
(FUND 100)**

GL Code	Department	Description	FY23 Proposed Budget
100-55	IT Department	Connectivity Services	\$100,000
		One Vehicle	\$60,000
	IT Department Sub-Total		\$160,000
100-60	Fire Department	Fire Training System	505,248
		Fire Department Sub-Total	505,248
	100-61	Police Department	Dog Pound
Property Lease			\$26,400
Police Department Sub-Total		\$826,400	
100-66	Streets & Roads Department	D3 Cat Dozer Model: LGP	\$175,000
		Cat Compactor Model	\$210,000
		Gravel for Road Improvement	\$600,000
		Culverts	\$100,000
		Guard Rails & Posts	\$100,000
		Simon Retention Pond	\$350,000
		Freight for Dump Trucks	\$40,000
		Streets& Roads Department Sub-Total	
	100-70	Property Maintenance Department	Rehabilitating Public Parks
Boardwalk Lighting Project			\$200,000
Property Maintenance Department Sub-Total		\$300,000	
General Fund Beginning Balance			\$9,076,056
General Fund Total Expenditures			\$3,366,648
General Fund Remaining Balance			\$5,709,408

**YUKON-KUSKOKWIM REGIONAL HEALTH & AQUATIC
SAFETY TRAINING CENTER
PROPOSED CAPITAL EXPENDITURES
(400)**

GL Code	Department	Description	Proposed Budget
400-50-9691	YKAHSC	Feasibility Study	\$58,000
YKAHSC Enterprise Fund Beginning Balance			\$2,156,392
Total Capital Expenditures			\$58,000
YKAHSC Remaining Balance			\$2,098,392

**SOLID WASTE ENTERPRISE
PROPOSED CAPITAL EXPENDITURES
(500)**

GL Code	Department	Description	Proposed Budget
500-71	Landfill	CAT Excavator Model	\$530,000
Solid Waste Enterprise Fund Beginning Balance			\$4,142,926
Total Capital Expenditures			\$530,000
Solid Waste Enterprise Fund Remaining Balance			\$3,612,926

WATER & SEWER UTILITY ENTERPRISE FUND **PROPOSED CAPITAL EXPENDITURES** **(510)**

GL Code	Department	Description	Proposed Budget
510-81	Hauled Water		
		Kenworth Water Truck	\$300,000
	Hauled Water Department Sub-Total		\$300,000
510-85	Hauled Sewer		
		Kenworth Sewer Truck	\$300,000
		Short Lived Assets	\$182,825
	Hauled Sewer Department Sub-Total		\$182,825
510-86	Piped Sewer		
		SCADA System	\$75,000
		Short Lived Assets	\$182,825
	Piped Sewer Department Sub-Total		\$257,825
510-87	Sewer Lagoon		
		Jetty Loan Principal & Interest	\$34,740
	Sewer Lagoon Department Sub-Total		\$34,740
	Water & Sewer Enterprise Fund Beginning Balance		\$5,240,343
	Total Water & Sewer Utility Fund Capital Expenditures		\$775,390
	Water & Sewer Fund Remaining Balance		\$4,464,953

**MUNICIPAL DOCK
PROPOSED CAPITAL EXPENDITURES
(FUND 520)**

GL Code	Department	Description	Proposed Budget
520-50	Municipal Dock	Road Watering Truck	\$200,000
520-55	Municipal Dock	Ford F-250	\$60,000
520-55	Municipal Dock	Ford F-250	\$60,000
520-55	Municipal Dock	CAT D-5	\$35,000
520-55	Municipal Dock	CAT TL1255	\$271,452
520-55	Small Boat Harbor	Floats	\$1,000,000
Municipal Dock Enterprise Fund Beginning Balance			\$4,362,092
Total Capital Expenditures			\$1,626,452
Municipal Dock Remaining Balance			\$2,735,640

**BETHEL TRANSIT SYSTEM ENTERPRISE FUND
(560)**

GL Code	Department	Description	Proposed Budget
560-50	Bethel Transit System	New Bus	\$86,000
Total Capital Expenditures			\$86,000

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**AMERICAN RESCUE PLAN ACT (ARPA)
PROPOSED GRANT EXPENDITURES
(660)**

GL Code	Benefitting Department(s)	Description	Proposed Budget
660-70	City-Sub Water Treatment Facility	Chemical Building	\$1,500,000
ARPA Grant Beginning Balance			\$2,878,532
Total Capital Expenditures			\$1,500,000
ARPA Grant Remaining Balance			\$1,378,532

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Supplemental Documentation

EXPENDITURES ACCORDING TO FUND WITH SUPPLEMENTAL DOCUMENTATION

100	General Fund
400	Multi-Use Recreation Center Enterprise Fund
500	Solid Waste
510	Water & Sewer Utility Fund
520	Municipal Dock Fund
530	Braund Building Enterprise Fund

**Note: The following images are for illustrative purposes only, they are not, necessarily the exact item that will be purchased*

**GENERAL FUND
INFORMATION TECHNOLOGY SUPPLEMENTAL
DOCUMENTATION OVERVIEW
(100-55)**

GL Code	Department	Description	FY23 Proposed Budget
100-55	Information Technology	Connectivity Services	\$100,000
100-55	Information Technology	One Vehicles	\$60,000
Total Capital Expenditures			\$160,000
Beginning General Fund Balance			\$9,076,056
Ending General Fund Balance			\$8,916,056

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**GENERAL FUND CAPITAL EXPENDITURES SUPPLEMENTAL
DOCUMENTATION
(100-55)**

100-55 Connectivity Services - \$100,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Connectivity Services for \$100,000
Seconded By:		Designated Fund Balance (Account 100-10- 100) Before Purchase:
		\$9,076,056
		Designated Fund Balance (Account 10-39900) After Purchase:
		\$8,976,056
Vote on Motion:		

GENERAL FUND CAPITAL EXPENDITURES SUPPLEMENTAL DOCUMENTATION (100-55)

100-55 Information Technology - One Vehicle \$60,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, One Vehicle for \$60,000
Seconded By:		Designated Fund Balance (Account 100-10-100) Before Purchase:
		\$8,976,056
		Designated Fund Balance (Account 100-10-100) After Purchase:
		\$8,916,056
Vote on Motion:		

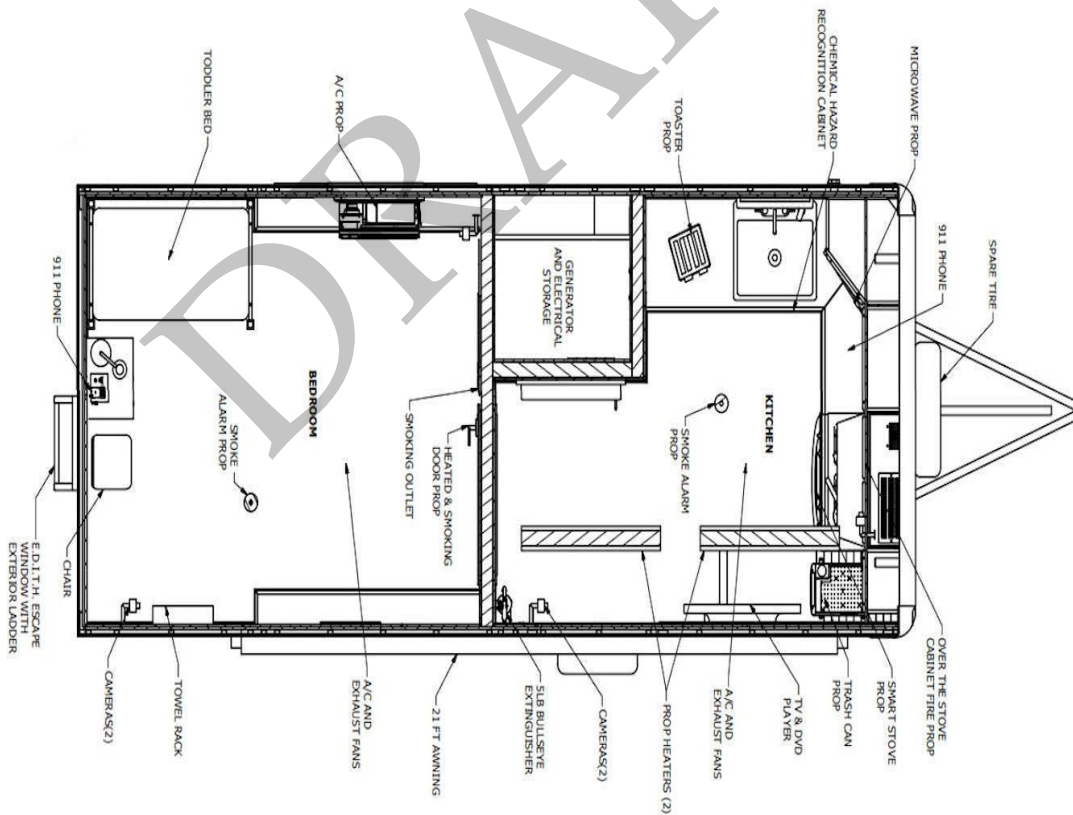


*This image is for illustrative purposes only

GENERAL FUND CAPITAL EXPENDITURES SUPPLEMENTAL DOCUMENTATION (100-60)

100-60 Fire Department - Fire Training System - \$505,248

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Fire Training System for \$505,248
Seconded By:		Designated Fund Balance (Account 100-10-100) Before Purchase:
		\$8,916,056
		Designated Fund Balance (Account 100-10-100) After Purchase:
		\$8,410,808
Vote on Motion:		



*This image is for illustrative purposes only

**GENERAL FUND
POLICE DEPARTMENT SUPPLEMENTAL DOCUMENTATION
OVERVIEW
(100-61)**

GL Code	Department	Description	FY23 Proposed Budget
100-61	Police Department	Dog Pound	\$800,000
100-61	Police Department	Leased Property	\$26,400
Total Capital Expenditures			\$826,400
Beginning General Fund Balance			\$8,410,808
Ending General Fund Balance			\$7,584,408

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GENERAL FUND CAPITAL EXPENDITURES SUPPLEMENTAL DOCUMENTATION (100-61)

100-61 Police Department - Dog Pound - \$800,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Dog Pound for \$800,000
Seconded By:		Designated Fund Balance (Account 100-10-100) Before Purchase:
		\$8,410,808
		Designated Fund Balance (Account 100-10-100) After Purchase:
		\$7,610,808
Vote on Motion:		

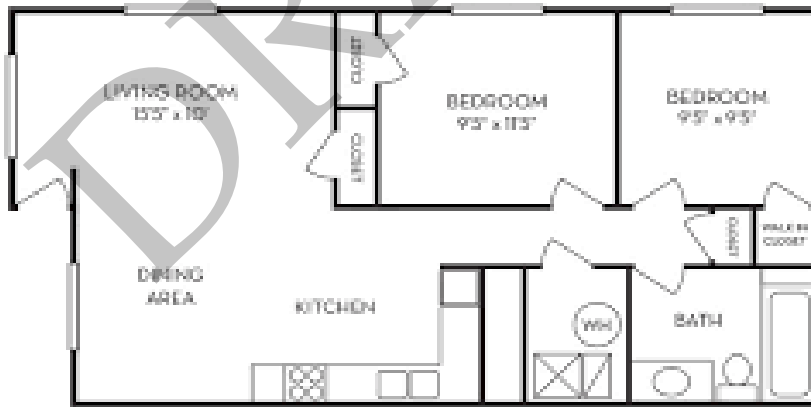


*This image is for illustrative purposes only

GENERAL FUND CAPITAL EXPENDITURES SUPPLEMENTAL DOCUMENTATION (100-61)

100-61 Police Department - Leased Property - \$26,400

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Leased Property for \$26,400
Seconded By:		Designated Fund Balance (Account 100-10-100) Before Purchase:
		\$7,610,808
		Designated Fund Balance (Account 100-10-100) After Purchase:
		\$7,584,408
Vote on Motion:		



*This image is for illustrative purposes only

**GENERAL FUND
STREETS & ROADS DEPARTMENT
(100-66)**

GL Code	Department	Description	FY23 Proposed Budget
100-66	Streets & Roads	D3 Cast Dozer Model: LGP	\$175,000
100-66	Streets & Roads	Cat Compactor Model	\$210,000
100-66	Streets & Roads	Gravel for Road Improvement	\$600,000
100-66	Streets & Roads	Culverts	\$100,000
100-66	Streets & Roads	Guard Rails & Posts	\$100,000
100-66	Streets & Roads	Simon Retention Pond	\$350,000
100-66	Streets & Roads	Freight for Dump Trucks	\$40,000
Total Capital Expenditures			\$1,575,000
Beginning General Fund Balance			\$7,584,408
Ending General Fund Balance			\$6,009,408

GENERAL FUND CAPITAL EXPENDITURES SUPPLEMENTAL DOCUMENTATION (100-66)

100-66 Streets & Roads - D3 Cat Dozer Model: LGP \$175,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, D3 Cat Dozer Model: LGP for \$175,000
Seconded By:		Designated Fund Balance (Account 100-10- 100) Before Purchase:
		\$7,584,408
		Designated Fund Balance (Account 10-39900) After Purchase:
		\$7,409,408
Vote on Motion:		



*This image is for illustrative purposes only

**GENERAL FUND CAPITAL EXPENDITURES SUPPLEMENTAL DOCUMENTATION
(100-66)**

100-66 Streets & Roads - Caterpillar Compactor - \$210,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Caterpillar Compactor for \$210,000
Seconded By:		Designated Fund Balance (Account 100-10-100) Before Purchase:
		\$7,409,408
		Designated Fund Balance (Account 100-10-100) After Purchase:
		\$7,199,408
Vote on Motion:		



*This image is for illustrative purposes only

**GENERAL FUND CAPITAL EXPENDITURES SUPPLEMENTAL DOCUMENTATION
(100-66)**

100-66 Streets & Roads - Gravel for Road Improvement \$600,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, D-1 Gravel Maintenance for \$600,000
Seconded By:		Designated Fund Balance (Account 100-10-100) Before Purchase:
		\$7,199,408
		Designated Fund Balance (Account 100-10-100) After Purchase:
		\$6,599,408
Vote on Motion:		



*This image is for illustrative purposes only

**GENERAL FUND
STREETS & ROADS DEPARTMENT SUPPLEMENTAL PAGE
D-1 GRAVEL
(100-66)**

Subdivision	Road	Description	FY2023	FY2024	FY2025	FY2026	Total Amount
City Subdivision							
	Napakiak Drive	Mission too Akiak Drive, 12,135 feet, 754 yards of D-1 gravel, 58 loads at a cost of \$1,360 per load.				\$78,880	\$78,880
	Akiakchak Drive	\$1,360 per load. With an estimated 122 loads of gravel.					
Blueberry Fields							
	Alex Hatley Drive	The road is 1,422 feet and requires an estimated 72 truck loads of D-1 gravel.					
	Cranberry Street	Cranberry Street needs 296 ft/195 yards of gravel. This requires an estimated 195 loads of D-1 gravel.				\$20,400	
Brown's Slough							
	East Avenue	East Avenue is 1900 ft, 11,000ft./ 1235 yards of gravel and requires 195 loads of D-1 gravel.	\$129,200				\$129,200
Tundra Ridge Subdivision							
	Kaigutau Road	Kaigutau Road is 1170 ft. It requires 767 yards of gravel and 59 loads of D-1 gravel.			\$92,480		\$92,480
	Imkuciq Street	Imkuciq Street is 1041 ft. it requires 689 yards of gravel the equivalent of 53 loads of D-1 gravel.				\$72,080	\$72,080
	Makqaria Road (9200 Tundra Ridge)	The part of Makqaria Road that needs gravel is 1151 ft. It requires 754 yards of gravel an estimated 58 loads of D-1 gravel.				\$78,880	\$78,880
	Negqerralria Drive (9300 Tundra Ridge)	The portion of Negqerrrairia Drive that needs gravel is 2926 ft. It requires 1911 yards of gravel, an estimate equivalent of 147 loads of D-1 gravel.					
	Ayaginar Drive (9400 Tundra Ridge)	The portion of Ayaginar Drive that needs gravel is 2926 ft. It requires 1911 yards of gravel, an estimate equivalent of 147 loads of D-1 gravel.	\$199,920				\$199,920

* The City of Bethel owns more roads than are listed. The ones that are listed in the Capital Improvement Project are the major roads per subdivision.

GENERAL FUND STREETS & ROADS DEPARTMENT
D-1 GRAVEL
(100-66)

Subdivision	Road	Description	FY2023	FY2024	FY2025	FY2026	Total Amount
Kasayuli Subdivision							
	Neal Polty Road	The portion of Neal Polty Road that needs gravel is 3,480 ft. It requires 2,262 yards of gravel, an estimate equivalent of 174 loads of D-1 gravel.	\$236,640				\$236,640
	Paul John St	The portion of Paul John Street that needs gravel is 1,087 ft. It requires 715 yards of gravel, an estimate equivalent of 55 loads of D-1 gravel.	\$40,560	\$34,240			\$74,800
	Uqusqak Road (Pintail)	The portion of Uqusqak Rpad that needs gravel is 1,490 ft. It requires 975 yards of gravel, an estimate equivalent of 75 loads of D-1 gravel.		\$102,000			\$102,000
	Isaac Hawk Street	needs gravel is 1,641 ft. It requires 1,079 yards of gravel, an estimate equivalent of 83 loads of D-1 gravel.		\$112,880			\$112,880
	Neqleq Street (Whit Front Goose)	The portion of Neqleq Street that needs gravel is 1,144 ft. It requires 1,040 yards of gravel, an estimate equivalent of 60 loads of D-1 gravel.			\$81,600		\$81,600
	Tuutangayak Street (Canadian Goose)	The portion of Tuutangayak Stret that needs gravel is 1,144 ft. It requires 1040 yards of gravel, an estimate equivalent of 60 loads of D-1 gravel.		\$81,600			\$81,600
	Koyuuk St (Swan)	The portion of Negqerrrairia Drive that needs gravel is 425 ft. It requires 286 yards of gravel, an estimate equivalent of 22 loads of D-1 gravel.				\$29,920	\$29,920
	Nacaullex St. (Emperor Goose)	The portion of Nacaullex Street that needs gravel is 1,144 ft. It requires 800 yards of gravel, an estimate equivalent of 60 loads of D-1 gravel.		\$81,600			\$81,600
	Neqlernag Loop (Black Swan)	The portion of Neqlernag Loop that needs gravel is 1,574 ft. It requires 1000 yards of gravel, an estimate equivalent of 80 loads of D-1 gravel.		\$108,600			\$108,800

GENERAL FUND STREETS & ROADS DEPARTMENT
D-1 GRAVEL
(100-66)

Subdivision	Road	Description	FY2023	FY2024	FY2025	FY2026	Total Amount
Avenues							
	4th Avenue	The portion of 4th Avenue that needs gravel is 2,262 ft. It requires 1,495 yards of gravel, an estimate equivalent of 115 loads of D-1 gravel.				\$156,400	\$156,400
	5th Avenue	The portion of 5th Avenue that needs gravel is 1,546 ft. It requires 977 yards of gravel, an estimate equivalent of 75 loads of D-1 gravel.				\$115,600	\$115,600
	Willow Street	The portion of Willow Street that needs gravel is 1,336 ft. It requires 871 yards of gravel, an estimate equivalent of 67 loads of D-1 gravel.			\$91,120		\$91,120
	6th Avenue	The portion of 6th Avenue that needs gravel is 1,944 ft. It requires 1,300 yards of gravel, an estimate equivalent of 100 loads of D-1 gravel.			\$136,000		\$136,000
	7th Avenue	The portion of 7th Avenue that needs gravel is 2,262 ft. It requires 1,595 yards of gravel, an estimate equivalent of 115 loads of D-1 gravel.			\$156,400		\$156,400

* The City of Bethel owns more roads than are listed. The ones that are listed in the Capital Improvement Project are the major roads per subdivision.

GENERAL FUND CAPITAL EXPENDITURES SUPPLEMENTAL DOCUMENTATION (100-66)

100-66 Streets & Roads - Culverts \$100,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Culverts for \$100,000
Seconded By:		Designated Fund Balance (Account 100-10-100) Before Purchase:
		\$6,599,408
		Designated Fund Balance (Account 100-10-100) After Purchase:
		\$6,499,408
Vote on Motion:		



*This image is for illustrative purposes only

GENERAL FUND CAPITAL EXPENDITURES SUPPLEMENTAL DOCUMENTATION (100-66)

100-66 Streets & Roads - Guard Rails & Posts - \$100,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Guard Rails & Posts for \$100,000
Seconded By:		Designated Fund Balance (Account 100-10-100) Before Purchase:
		\$6,499,408
		Designated Fund Balance (Account 100-10-100) After Purchase:
		\$6,399,408
Vote on Motion:		



*This image is for illustrative purposes only

**GENERAL FUND CAPITAL EXPENDITURES SUPPLEMENTAL DOCUMENTATION
(100-66)**

100-66 Streets & Roads - Simon Retention Pond \$350,000

	Summary of Motion	
Moved By:		Motion to approve Capital Expenditure, Simon Retention Pond for \$350,000
Seconded By:		Designated Fund Balance (Account 100-10-100) Before Purchase:
		\$6,399,408
		Designated Fund Balance (Account 100-10-100) After Purchase:
		\$6,049,408
Vote on Motion:		

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**GENERAL FUND CAPITAL EXPENDITURES SUPPLEMENTAL DOCUMENTATION
(100-66)**

100-66 Streets & Roads - Freight for Dump Trucks - \$40,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Freight for Dump Trucks for \$40,000
Seconded By:		Designated Fund Balance (Account 100-10-100) Before Purchase:
		\$6,049,408
		Designated Fund Balance (Account 100-10-100) After Purchase:
		\$6,009,408
Vote on Motion:		

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**GENERAL FUND
PROPERTY MAINTENANCE DEPARTMENT
(100-70)**

GL Code	Department	Description	FY23 Proposed Budget
100-70	Property Maintenance	Rehabilitating Public Parks	\$100,000
100-70	Property Maintenance	Boardwalk Building Project	\$200,000
Total Capital Expenditures			\$300,000
Beginning General Fund Balance			\$6,009,408
Ending General Fund Balance			\$5,709,408

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**GENERAL FUND CAPITAL EXPENDITURES SUPPLEMENTAL DOCUMENTATION
(100-70)**

100-70 Property Maintenance -Rehabilitating Public Parks - \$100,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Rehabilitating Public Parks - \$200,000
Seconded By:		Designated Fund Balance (Account 100-10-100) Before Purchase:
		\$6,009,408
		Designated Fund Balance (Account 100-10-100) After Purchase:
		\$5,909,408
Vote on Motion:		

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**GENERAL FUND CAPITAL EXPENDITURES SUPPLEMENTAL DOCUMENTATION
(100-70)**

100-70 Property Maintenance - Boardwalk Lighting Project - \$200,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Boardwalk Lighting Project for \$200,000
Seconded By:		Designated Fund Balance (Account 100-10-100) Before Purchase:
		\$5,909,408
		Designated Fund Balance (Account 100-10-100) After Purchase:
		\$5,709,408
Vote on Motion:		

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**YUKON-KUSKOKWIM REGIONAL HEALTH & AQUATIC SAFETY
TRAINING CENTER
ENTERPRISE FUND SUMMARY
(400)**

GL Code	Department	Description	FY22 Proposed Budget
400-50	YKRHASTC	Feasibility Study	\$58,000
Total Capital Expenditures			\$58,000
Beginning Solide Waste Fund Balance			\$2,156,392
Total Capital Expenditures			\$58,000
Ending Solid Waste Fund Balance			\$2,098,392

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**YUKON-KUSKOKWIM REGIONAL HEALTH & AQUATIC SAFETY TRAINING CENTER
SUPPLEMENTAL EXPENDITURES SUPPLEMENTAL DOCUMENTATION
(400)**

400-50 Yukon-Kuskokwim Aquatic Health & Safety Center -Feasibility Study - \$58,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Feasibility Study for \$58,000
Seconded By:		Designated Fund Balance (Account 100-10-100) Before Purchase:
		\$2,156,392
		Designated Fund Balance (Account 100-10-100) After Purchase:
		\$2,098,392
Vote on Motion:		

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**SOLID WASTE ENTERPRISE FUND
SUPPLEMENTAL DOCUMENTATION**

500-70 Hauled Refuse

500-71 Landfill

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**SOLID WASTE ENTERPRISE FUND
(500)**

GL Code	Department	Description	FY22 Proposed Budget
500-71	Landfill	Cat Excavator Model	\$530,000
Total Capital Expenditures			\$530,000
Beginning Solide Waste Fund Balance			\$4,142,926
Total Capital Expenditures			\$530,000
Ending Solid Waste Fund Balance			\$3,612,926

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SOLID WASTE FUND CAPITAL EXPENDITURES SUPPLEMENTAL DOCUMENTATION (500)

500-71 Landfill - Caterpillar Excavator Model - \$530,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Caterpillar Excavator Model for \$530,000
Seconded By:		Designated Fund Balance (Account 500-10-100) Before Purchase:
		\$4,142,926
		Designated Fund Balance (Account 500-10-100) After Purchase:
		\$3,612,926
Vote on Motion:		



*This image is for illustrative purposes only

**WATER & SEWER UTILITY FUND
SUPPLEMENTAL DOCUMENTATION**

510-81 Hauled Water

510-85 Hauled Sewer

510-86 Piped Sewer

510-87 Sewer Lagoon

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WATER & SEWER UTILITY ENTERPRISE FUND (510)

GL Code	Department	Description	FY22 Proposed Budget
510-81	Hauled Water		
	Hauled Water	Kenworth Water Truck	\$300,000
	Hauled Water Department Sub-Total		\$300,000
510-85	Hauled Sewer		
	Hauled Sewer	Kenworth Sewer Truck	\$300,000
	510-85-9699	Hauled Sewer	Short Lived Assets
		Hauled Sewer Department Sub-Total	\$482,825
510-86	Piped Sewer		
	Piped Sewer	SCADA System	\$75,000
	510-86-9699	Piped Sewer	Short Lived Assets
		Piped Sewer Department Sub-Total	\$257,825
510-87-6420	Sewer Lagoon		
	Sewer Lagoon	Jetty Bond Prinicipal & Interest Payments	\$34,740
	Sewer Lagoon Department Sub-Total		\$34,740
Beginning Water & Sewer Utility Fund Balance			\$5,240,343
Total Capital Expenditures			\$1,075,390
Solid Waste Enterprise Fund Remaining Balance			\$4,164,953

**WATER & SEWER UTILITY ENTERPRISE FUND
HAULED WATER EXPENDITURES
(510-81)**

GL Code	Department	Description	FY23 Proposed Budget
510-81	Hauled Water		
	Hauled Water	Kenworth Water Truck	\$300,000
	Hauled Water Department Sub-Total		\$300,000
	Beginning Water & Sewer Utility Fund Balance		\$5,240,343
	Ending Water & Sewer Fund Balance		\$4,940,343

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**WATER & SEWER UTILITY FUND CAPITAL EXPENDITURES SUPPLEMENTAL DOCUMENTATION
(510-81)**

510-81 Hauled Water - Kenworth Water Truck \$300,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Kenworth Water Truck for \$300,000
Seconded By:		Cash in Combined Fund Balance (Account 510-10-100) Before Purchase:
		\$5,240,343
		Cash in Combined Fund Balance (Account 510-10-100) After Purchase:
		\$4,940,343
Vote on Motion:		



*This image is for illustrative purposes only

**WATER & SEWER UTILITY ENTERPRISE FUND
HAULED SEWER EXPENDITURES
(510-85)**

GL Code	Department	Description	FY22 Proposed Budget
Hauled Sewer			
510-85	Hauled Sewer	Kenworth Sewer Truck	\$300,000
510-85-9699	Hauled Sewer	Short Lived Assets	\$182,825
Hauled Sewer Department Sub-Total			\$482,825
Beginning Water & Sewer Utility Fund Balance			\$4,940,343
Ending Water & Sewer Fund Balance			\$4,457,518

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**WATER & SEWER UTILITY FUND CAPITAL EXPENDITURES SUPPLEMENTAL
DOCUMENTATION
(510-85)**

510-85 Hauled Sewer - Sewer Truck \$300,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Sewer Truck for \$300,000
Seconded By:		Cash in Combined Fund Balance (Account 510-10-100) Before Purchase:
		\$4,940,343
		Cash in Combined Fund Balance (Account 51-10-100) After Purchase:
		\$4,640,343
Vote on Motion:		



*This image is for illustrative purposes only

**WATER & SEWER UTILITY FUND CAPITAL EXPENDITURES SUPPLEMENTAL
DOCUMENTATION
(510-85)**

510-85 Hauled Sewer - Short Lived Assets

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Short Lived Assets \$182,825
Seconded By:		Cash in Combined Fund Balance (Account 51-10-100) Before Purchase:
		\$4,640,343
		Cash in Combined Fund Balance (Account 51-10100) After Purchase:
		\$4,457,518
Vote on Motion:		

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**WATER & SEWER UTILITY ENTERPRISE FUND
PIPED SEWER EXPENDITURES
(510-86)**

GL Code	Department	Description	FY22 Proposed Budget
	Piped Sewer		
510-86	Piped Sewer	SCADA System	\$75,000
510-86-9699	Piped Sewer	Short Lived Assets	\$182,825
	Piped Sewer Department Sub-Total		\$257,825
	Beginning Water & Sewer Utility Fund Balance		\$4,457,518
	Ending Water & Sewer Fund Balance		\$4,199,693

**WATER & SEWER UTILITY FUND CAPITAL EXPENDITURES SUPPLEMENTAL
DOCUMENTATION
(510-86)**

510-86 Piped Sewer - SCADA System \$75,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Hermon Nelson Heater for \$75,000
Seconded By:		Cash in Combined Fund Balance (Account 51-10100) Before Purchase:
		\$4,457,518
		Cash in Combined Fund Balance (Account 51-10100) After Purchase:
		\$4,382,518
Vote on Motion:		

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**WATER & SEWER UTILITY FUND CAPITAL EXPENDITURES SUPPLEMENTAL
DOCUMENTATION
(510-86)**

510-86 Piped Sewer - Short Lived Assets \$182,825

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Short Lived Assets for \$182,825
Seconded By:		Cash in Combined Fund Balance (Account 51-10-100) Before Purchase:
		\$4,382,518
		Cash in Combined Fund Balance (Account 51-10-100) After Purchase:
		\$4,199,693
Vote on Motion:		

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**WATER & SEWER UTILITY ENTERPRISE FUND
SEWER LAGOON EXPENDITURES
(510-87)**

GL Code	Department	Description	FY23 Proposed Budget
Sewer Lagoon			
510-87-6420	Sewer Lagoon	Jetty Bond Prinicipal & Interest Payments	\$34,740
Sewer Lagoon Department Sub-Total			\$34,740
Beginning Water & Sewer Utility Fund Balance			\$4,199,693
Ending Water & Sewer Fund Balance			\$4,164,953

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**WATER & SEWER UTILITY FUND CAPITAL EXPENDITURES SUPPLEMENTAL
DOCUMENTATION
(510-87)**

510-87 Sewer Lagoon -Jetty Loan Payment for \$34,730

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Jetty Loan principal and interest payment for \$34,740
Seconded By:		Cash in Combined Fund Balance (Account 510-10-100) Before Purchase:
		\$4,199,693
		Cash in Combined Fund Balance (Account 510-10-100) After Purchase:
		\$4,164,953
Vote on Motion:		

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MUNICIPAL DOCK FUND SUPPLEMENTAL DOCUMENTATION

520-50 Municipal Dock

520-55 Small Boat Harbor

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**MUNICIPAL DOCK ENTERPRISE FUND
(520)**

GL Code	Department	Description	FY22 Proposed Budget
520-50	Municipal Dock	Road Watering Truck	\$200,000
520-50	Municipal Dock	Ford F-250	\$60,000
520-50	Municipal Dock	Ford F-250	\$60,000
520-55	Municipal Dock	CAT D-5	\$35,000
520-55	Municipal Dock	CAT TLI255	\$271,452
520-55	Small Boat Harbor	Floats	\$1,000,000
Total Capital Expenditures			\$1,626,452
Beginning Municipal Dock Enterprise Fund Balance			\$4,362,092
Total Capital Expenditures			\$1,626,452
Ending Municipal Dock Enterprise Fund Balance			\$2,735,640

**MUNICIPAL DOCK ENTERPRISE FUND CAPITAL EXPENDITURES SUPPLEMENTAL
DOCUMENTATION
(520-50)**

520-50 Municipal Dock- Road Watering Truck \$200,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Road Watering Truck for \$200,000
Seconded By:		Cash in Combined Fund Balance (Account 520-10-100) Before Purchase:
		\$4,362,092
		Cash in Combined Fund Balance (Account 520-10-100) After Purchase:
		\$4,162,092
Vote on Motion:		



*This image is for illustrative purposes only

**MUNICIPAL DOCK ENTERPRISE FUND CAPITAL EXPENDITURES SUPPLEMENTAL
DOCUMENTATION
(520-50)**

520-50 Municipal Dock- Ford F-250 \$60,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, One Ford F-250 Pick-up Truck for \$60,000
Seconded By:		Cash in Combined Fund Balance (Account 520-10-100) Before Purchase:
		\$4,162,092
		Cash in Combined Fund Balance (Account 520-10-100) After Purchase:
		\$4,102,092
Vote on Motion:		



*This image is for illustrative purposes only

**MUNICIPAL DOCK ENTERPRISE FUND CAPITAL EXPENDITURES SUPPLEMENTAL
DOCUMENTATION
(520-50)**

520-50 Municipal Dock- Ford F-250 \$60,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, One Ford F-250 Pick-up Truck for \$60,000
Seconded By:		Cash in Combined Fund Balance (Account 520-10-100) Before Purchase:
		\$4,102,092
		Cash in Combined Fund Balance (Account 520-10-100) After Purchase:
		\$4,042,092
Vote on Motion:		



*This image is for illustrative purposes only

**MUNICIPAL DOCK ENTERPRISE FUND CAPITAL EXPENDITURES SUPPLEMENTAL
DOCUMENTATION
(520-50)**

520-50 Municipal Dock- CAT D-5 - \$35,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, One CAT D-5 for \$35,000
Seconded By:		Cash in Combined Fund Balance (Account 520-10-100) Before Purchase:
		\$4,042,092
		Cash in Combined Fund Balance (Account 520-10-100) After Purchase:
		\$4,007,092
Vote on Motion:		



*This image is for illustrative purposes only

**MUNICIPAL DOCK ENTERPRISE FUND CAPITAL EXPENDITURES SUPPLEMENTAL
DOCUMENTATION
(520-50)**

520-50 Municipal Dock- CAT TLI255 - \$271,452

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, One CAT D-5 for \$271,452
Seconded By:		Cash in Combined Fund Balance (Account 520-10-100) Before Purchase:
		\$4,007,092
		Cash in Combined Fund Balance (Account 520-10-100) After Purchase:
		\$3,735,640
Vote on Motion:		



*This image is for illustrative purposes only

**MUNICIPAL DOCK ENTERPRISE FUND CAPITAL EXPENDITURES SUPPLEMENTAL
DOCUMENTATION
(520-55)**

520-55 Municipal Dock - Floats \$1,000,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Floats for \$1,000,000
Seconded By:		Cash in Combined Fund Balance (Account 520-10-100) Before Purchase:
		\$3,735,640
		Cash in Combined Fund Balance (Account 520-10-100) After Purchase:
		\$2,735,640
Vote on Motion:		



*This image is for illustrative purposes only

**BETHEL TRANSIT SYSTEM ENTERPRISE FUND
SUPPLEMENTAL DOCUMENTATION**

560-50 Transit System

DRAFT

**BETHEL TRANIST SYSTEM ENETERPRISE FUND
(560)**

GL Code	Department	Description	FY23 Proposed Budget
560-50	Bethel Public Transit	New Bus	\$86,000
Total Capital Expenditures			\$86,000

DRAFT

**BETHEL TRANSIT SYSTEM EXPENDITURES SUPPLEMENTAL DOCUMENTATION
(560-50)**

560-50 Bethel Transit System - New Bus \$86,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, one new bus for \$86,000
Seconded By:		Cash in Combined Fund Balance (Account 560-10-100) Before Purchase:
		(\$737,755) Grant Funded
		Designated Fund Balance (Account 560-10-100) After Purchase:
		(\$823,755) Grant Funded
Vote on Motion:		

DRAFT

**AMERICAN RESCUE PLAN ACT (ARPA)
(660)**

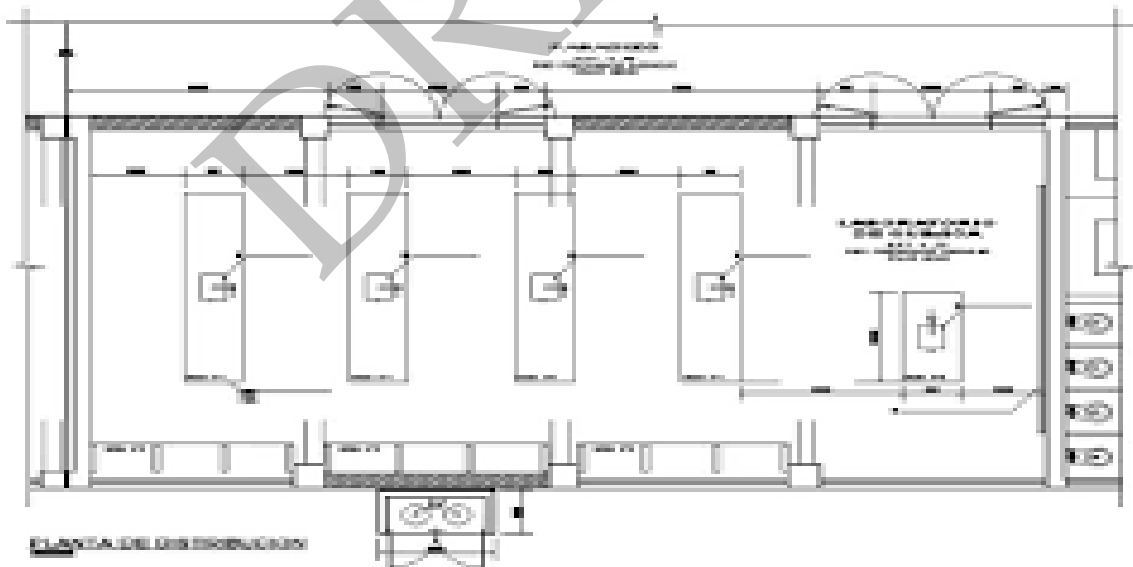
GL Code	Benefitting Department	Description	FY23 Proposed Budget
660-70	City-Sub Water Treatment Facility	Chemical Building	\$1,500,000
Total Capital Expenditures			\$1,500,000

DRAFT

**AMERICAN RESCUE PLAN ACT CAPITAL EXPENDITURES SUPPLEMENTAL
DOCUMENTATION
(660)**

660 American Rescue Plan Act - Chemical Building \$1,500,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, one new bus for \$1,500,000
Seconded By:		Cash in Combined Fund Balance (Account 560-10-100) Before Purchase:
		(\$1,500,000) Grant Funded
		Designated Fund Balance (Account 560-10-100) After Purchase:
		(\$1,500,000) Grant Funded
Vote on Motion:		



*This image is for illustrative purposes only

DRAFT



Further Supplemental Documentation

Yukon-Kuskokwim Health & Safety Aquatic Training Center Expansion Study

DRAFT



May 10, 2022
W.O. 50109.02

Mr. Peter Williams
City of Bethel
P.O. Box 1388
Bethel, Alaska 99559

Subject: **DOWL Term Contract 2017-2022**
Fee Proposal for Planning and Engineering Services
Task Order #37 - YK Fitness Center Expansion Feasibility Study - AMENDMENT

Dear Mr. Williams:

DOWL is pleased to present a scope of work and fee proposal amendment for the following task order:

Task Order #37 - YK Fitness Center Expansion Feasibility Study

It is our understanding that the City of Bethel (City) wishes to study an additional, larger layout of the original concept for expansion of the YK Fitness Center and include additional community outreach, research on like facilities throughout the state, and an expanded financial modeling scenario. This work will be accomplished as Phase 2 of the YK Fitness Center Expansion Feasibility Study.

ADDITIONAL SCOPE OF SERVICES

DOWL will work with the same term contracted sub-consultants on Phase 2 of this task order as we did on Phase 1. Our team will include Architects Alaska, AMC Engineers, and Agnew::Beck Consulting. We propose to accomplish the work under existing Tasks 1 through 5 as well as new Task 6.

Task 1- Facility Assessment

Additional work to be accomplished under this task for Phase 2 will include a new, expanded layout for the facility addition. This layout will be comprised of a larger, three court gymnasium. This larger layout is based on discussion with Brian Lefferts of the City of Bethel Parks & Recreation Committee. The layout will still include an elevated walking track, additional weight and multi-purpose rooms, and saunas. Drop curtains between courts, folding bleachers for spectator seating, and additional utility space, offices, and locker rooms will also be included. A new planning level cost estimate will be generated for the expanded layout. The estimate will show the three-court gymnasium as the base bid with the elevated track, weight and multipurpose rooms, and saunas as additive alternates so that the cost of each program area can be compared.

Task 2- Stakeholder Outreach

No additional work will be accomplished under this task for Phase 2.

Task 3- Community/Regional Outreach

Additional work to be completed under this task includes quantifying the need for facility expansion through interviews with specific sports user groups in Bethel. Specifically, our team will seek to better understand the availability of the school gyms for school and non-school user groups, barriers to school gym use, and the demand for additional gym space including willingness to pay for renting that space. User group outreach will include basketball and volleyball leagues, indoor soccer, and ultimate frisbee to quantify how often they look for space, how often they are unable to secure space, and other issues they might have with the availability of school gyms for sporting events. Through these interviews, we will better understand if there is enough interest by different user groups to refine our rental income forecast. This task will include between 10 and 15 interviews. An initial list of groups and individuals to interview will be provided by the City.

Task 4- Draft Feasibility Study

Based on the additional services provided in Tasks 1 and 3, we will revise the previously submitted draft report. The revised report will include an update to the financial model with a focus on rental fee revenue. Since the current pool facility operates in a deficit, to the extent possible, we will share a scenario that isolates the financials of the multi-purpose center from the pool, to better understand how the multi-purpose facility performs on its own. This task does not include time to develop a detailed staffing plan to support an expanded YK Fitness Center. We assume that any updated cost and staffing information will be provided by the City. We will hold a review meeting via conference call (Zoom or Teams) to discuss the revised findings.

Task 5- Final Feasibility Study

Once the City has provided comment on the revised draft report, our team will finalize the feasibility study.

Task 6- Comparison to Other Facilities

The purpose of this new task is to profile other recreation facilities that are being operated across the state that include a pool or gymnasium, specifically in rural communities such as Wrangell, Nikiski, Nome, Valdez, Homer, Kenai, or Palmer. We will prioritize community facilities that offer a similar level of service to the YK Fitness Center. We will create a case study of each relevant facility and share revenue sources and expenditures, as well as utilization data (if available), hours open to the public, and membership and drop-in rates. This task will include up to five case studies with an initial list of facilities to be compared provided to the City.

DELIVERABLES

- Revised Draft Feasibility Study
- Final Feasibility Study
- Case Study Comparison Matrix

ASSUMPTIONS

- No site visit will be conducted. All meetings and interviews will be via teleconference through standard means such as phone calls, Teams, or Zoom.
- The fee proposal does not include printing, mailing, or otherwise distributing any meeting or advertising material.
- No geotechnical investigations will be included as part of this scope.
- No topographic survey will be included as part of this scope.
- No environmental review will be included as part of this scope.
- Land requirements will be assessed, but the scope of work does not include any easement or ROW services.
- City will provide current revenue and expense details, as requested including updated cost or staffing information for the Fitness Center.
- Written comments will be issued on the Draft feasibility study. Multiple iterations will require an amendment.

FEE PROPOSAL

We propose to complete the above-described basic services for the Fees as indicated below.

Table 1: Amended Budget

Task	Contracted Budget	Additional Budget	Amended Budget Combined
Task 1- Facility Assessment -Lump Sum	\$22,715	\$21,454	\$44,169
Task 2- Stakeholder Outreach -Lump Sum	\$9,875	\$0	\$9,875
Task 3- Community/Regional Outreach -T&M	\$12,415	\$14,572	\$26,987
Task 4- Draft Feasibility Study -Lump Sum	\$24,895	\$11,668	\$36,563
Task 5- Final Feasibility Study - Lump Sum	\$2,755	\$2,460	\$5,215
New Task 6- Comparison to Other Facilities (T&M)	\$0	\$8,112	\$8,112
Total	\$72,655	\$58,266	\$130,921

We trust this provides adequate information for evaluating our proposal. We look forward to working with you on this project and will be happy to answer any additional questions you may have. Upon receiving a signed authorization to proceed, we will proceed.

Sincerely,
DOWL



Chase Nelson, P.E.
LLC Member/Project Manager

Using the City of Bethel-DOWL Engineering Services Term Contract Standard Conditions, DOWL is authorized to amend **Task Order #37 - YK Fitness Center Expansion Feasibility Study** and proceed with the amended Scope of Work.

City of Bethel Authorized Representative

Date

Attachment(s): Detailed DOWL and sub estimates

DRAFT

DOWL
ESTIMATE FOR PROFESSIONAL SERVICES

PROJECT: TO#37 - YK Fitness Center Expansion Feasibility Study - AMENDMENT

WO# 50109.02

DATE: 9-May-22

PREPARED BY: JRS

REVIEWED BY: CAN

CLIENT: City of Bethel

PROJECT SUMMARY

Task 1- Facility Assessment	TOTAL =	\$21,454
Task 3- Community/Regional Outreach	TOTAL =	\$14,572
Task 4- Draft Feasibility Study	TOTAL =	\$11,668
Task 5- Final Feasibility Study	TOTAL =	\$2,460
Task 6- Comparison to Other Facilities	TOTAL =	\$8,112
TOTAL ESTIMATED FEES FOR PROFESSIONAL SERVICES	TOTAL =	\$58,266

Labor Category	Project Manager	Project Engineer	Document Production	Accounting	Sub-consultants	TOTALS
	C. Nelson	J. Schmetzer	G. Stevens	T. Atwood		
Hourly Rate	\$195.00	\$170.00	\$125.00	\$140.00	6% Markup	
Task 1- Facility Assessment						
Project Management	4			0.5		4.5
Team Meeting	2	4				6
MEP Systems Evaluation (AMC)		2			\$6,784	2
Facility Layout & Assessment (AAI)		2			\$7,176	2
Planning Level Cost Estimate (Estimations)		2			\$4,554	2
Subtotal - Hours	6	10	0	0.5		16.5
Subtotal - Costs	\$1,170.00	\$1,700.00	\$0.00	\$70.00	\$18,514	\$21,454
Task 3- Community/Regional Outreach						
Project Management	2			0.5		2.5
Stakeholder Interviews		20			\$10,712	20
Subtotal - Hours	2	20	0	0.5		22.5
Subtotal - Costs	\$390.00	\$3,400.00	\$0.00	\$70.00	\$10,712	\$14,572

Labor Category	Project Manager	Project Engineer	Document Production	Accounting	Sub-consultants	TOTALS
	C. Nelson	J. Schmetzer	G. Stevens	T. Atwood		
Hourly Rate	\$195.00	\$170.00	\$125.00	\$140.00	6% Markup	
Task 4- Draft Feasibility Study						
Project Management	4			1.0		5.0
Updated Financial Model		2			\$5,838	2
Preparation of Compiled Draft	2	16				18
Review Meeting	4	4				8
Subtotal - Hours	10	22	0	1.0		33.0
Subtotal - Costs	\$1,950.00	\$3,740.00	\$0.00	\$140.00	\$5,838	\$11,668
Task 5- Final Feasibility Study						
Project Management	2			0.5		2.5
Preparation of Final Report	2	8	2			12
Subtotal - Hours	4	8	2	0.5		14.5
Subtotal - Costs	\$780.00	\$1,360.00	\$250.00	\$70.00	\$0.00	\$2,460
Task 6- Comparison to Other Facilities						
Project Management	2			0.5		2.5
Facility Research		8			\$6,292	8
Subtotal - Hours	2	8	0	0.5		10.5
Subtotal - Costs	\$390.00	\$1,360.00	\$0.00	\$70.00	\$6,292	\$8,112
TOTAL - Hours	24	68	2	3		97
TOTAL - Costs	\$4,680.00	\$11,560.00	\$250.00	\$420.00	\$41,356	\$58,266



Yukon-Kuskokwim Fitness Center Expansion Feasibility Assessment Update

Proposal for Professional Services

Submitted on May 10, 2022

DRAFT



May 10, 2022
Jennifer Schmetzer
Dowl
jschmetzer@dowl.com

Dear Jennifer,

Thank you for reaching out to us to continue supporting the City of Bethel as they explore an expansion of the Yukon-Kuskokwim Fitness Center in Bethel. In collaboration with Dowl and Architects Alaska, we submitted an initial financial analysis in 2021. We understand that the City of Bethel is interested in a additional information related to the need for additional gym space from local user groups, an updated financial model for an expanded facility with a focus on rental income and concessions, and how other communities across the state are financially supporting their fitness centers and/or gyms.

We have outlined a revised scope of work below:

1. Project Management & Communications

This task includes regular meetings with client and project team overall project management.

2. Need for Expansion: Additional Interviews

The purpose of this task is to quantify the need for expansion through interviews with user groups in Bethel. In particular, the project team will seek to better understand the availability of the school gyms for school and non-school user groups, barriers to school gym use and the demand for addition gym space including willingness to pay. User group outreach will include basketball and volleyball leagues, indoor soccer, and ultimate frisbee to quantify how often they look for space, how often they are unable to secure space, and other issues they might have with the availability of school gyms for sporting events. Through these interviews, we will better understand if there is enough interest by different user groups and we can refine our rental income forecast.

Deliverable:

Between 10 to 15 interviews will be conducted and a summary table of interview themes and quantified demand, where possible will be provided, as well as a PowerPoint slide deck sharing themes. An initial list of groups and individuals to interview will be provided by the City of Bethel.

3. Comparison to Other Facilities

The purpose of this task is to profile other recreation facilities that are being operated across the state, specifically in rural communities such as Wrangell, Nikiski, Nome, Valdez, Homer, Kenai or Palmer. We will prioritize community facilities that offer a similar level of service to the YK Fitness Center. We will create a case study of each relevant community fitness facility and share revenue sources and expenditures, as well as utilization data (if available), hours open to the public, and membership and drop-in rates.

Deliverable:

Up to five case studies and case study profiles in PPT and a case study comparison matrix in Word.

3. Revised Financial Model

Agnew::Beck will update the financial model based on additional information in Tasks 2 and 3, with a focus on rental fee revenue. Since the current pool facility operates in a deficit, to the extent possible, we will share a scenario that isolates the financials of the multi-purpose center from the pool, to better understand how the multi-purpose facility performs on its own.

Deliverable:

Updated financial models in Excel and shared in a technical memo and PPT slide deck. This task does not include A::B time to develop a detailed staffing plan to support an expanded YK Fitness Center. We assume that any updated cost and staffing information will be provided by Health Fit and/or the City of Bethel.

YKHC Fitness Center Expansion Updated Feasibility Study	Principal Shanna Zuspan		Senior Associate Michelle Humphrey		Associate		Total
Dates: July 2022 - November 2022	hours	rate \$175	hours	rate \$125	hours	rate \$100	
Task							
1. Project Management and Communications. Agnew::Beck will hold a kickoff meeting and maintain ongoing communications.	4	\$700	4	\$500	2	\$200	\$1,400
2. Update Community Need Agnew::Beck will conduct up to 15 interviews with community organizations and leaders to better understand the need and demand for fitness center programming and space, with a focus on an indoor gym.	12	\$2,100	30	\$3,750	36	\$3,600	\$9,450
3. Comparison to Other Facilities Agnew::Beck will identify, interview and create case study write-ups of up to five indoor gyms around rural Alaska.	6	\$1,050	20	\$2,500	20	\$2,000	\$5,550
4. Revise Financial Model Agnew::Beck will update the financial model based on additional information from Task 2 and Task 3.	8	\$1,400	30	\$3,750	0	\$0	\$5,150
Travel *							\$0
Expenses **							\$0
TOTAL ***	30	\$5,250	84	\$10,500	58	\$5,800	\$21,550

EXCLUSIONS + TERMS

* Travel - Roundtrip from Anchorage

** Other Expenses - Include costs for phone and related equipment and services required in the normal performance of the contract. Costs for services required to produce informational, advertising or meeting materials are included in this budget; however, costs for printing, mailing or otherwise distributing these materials, or for paid advertising or other public notices are not included in this budget and would be paid for directly by client, as needed. Digital versions of all final materials will be submitted in an organized manner to the client for future editing, use and reproduction. Rights to final versions of all materials are transferred to the client upon conclusion of the project. A::B reserves the right to use any and all project materials for educational and marketing purposes. A::B reserves the rights

This estimate is good for 90 days from the date of the estimate.

We can modify this scope and estimate to best match your needs and budget. Thank you for the opportunity to submit a proposal for this project.

Sincerely,

A handwritten signature in black ink, reading "Shann Zuspan". The signature is fluid and cursive, with the first name "Shann" and last name "Zuspan" clearly distinguishable.

Shann Zuspan, Principal::Owner

Agnew::Beck Consulting | 441 West Fifth Avenue, Suite 202 | Anchorage, AK 99501
shanna@agnewbeck.com | 907.222.5424 | www.agnewbeck.com

DRAFT



Date: 05/05/22

YK Fitness Center - Additional Expansion Options

Job No.: 18020.05

SUB to DOWL
3535 College Road, Suite 100
Fairbanks, AK 99709

Design Services	ARCH	CIVIL	STRUCT	MECH	ELECT	COST	TOTALS
Expanded Gym Option	\$ 6,770						\$ 6,770
TOTAL CONTRACT AMOUNT							\$ 6,770

Design Team

ARCH Architects Alaska, Inc.
CIVIL Civil Engineer
STRUCT Structural Engineer
MECH Mechanical Engineer
ELECT Electrical Engineer
COST Cost Estimator

All engineering will be performed by or subcontracted to DOWL

DRAFT

YK Fitness Center - Additional Expansion Options

SUB to DOWL
3535 College Road, Suite 100
Fairbanks, AK 99709

Date: 05/05/22
Job No.: 18020.05

**Expanded Gym Option
Architectural Labor Fee**

[illegible]

Total Hours	49 Hours		
Architectural Labor Fee		\$	6,770.00

Expanded Gym Option Expenses

Printing

Plots (Bond Paper)	0 Sheets		\$	1.00 / sheet	\$	-
Plots (Mylar or Special Paper)	0 Sheets		\$	5.00 / sheet	\$	-
Print Drawing Sets (B&W)	0 Sets,	0 sheets per set	\$	2.20 / sheet	\$	-
Print Drawing Sets (Color)	0 Sets,	0 sheets per set	\$	5.25 / sheet	\$	-
Specifications / Reports	0 Books,	0 pages per spec / book	\$	0.10 / page	\$	-
Travel						
Air Fare	0 Trip(s),	0 traveler(s) @	\$	640.00 / round trip	\$	-
Ground Transport	0 Day(s),	1 vehicle(s) @	\$	150.00 / day	\$	-
Per Diem	0 Day(s),	1 traveler(s) @	\$	50.00 / day	\$	-
Mileage	0 Mile(s),		\$	0.575 / mile	\$	-
Airport Parking	0 Day(s),	1 vehicle(s) @	\$	18.00 / day	\$	-
Communications						
Long Distance Telephone	0 Month(s)		\$	20.00 / month	\$	-
Courier (Start - Destination)	0 Parcel(s)		\$	15.00 / parcel	\$	-
Mark-up	10.0%				\$	-

S _____

SUBTOTAL - Architects Alaska Expanded Gym Option Fee	\$	6,770.00
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Consultant Expanded Gym Option Fees

CIVIL: Civil Engineer
STRUCT: Structural Engineer
MECH: Mechanical Engineer
ELECT: Electrical Engineer
COST: Cost Estimator

[illegible]**Fee with Markup**

SUBTOTAL -Consultant Expanded Gym Option Fees, including Mark-up		\$	-
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SUBTOTAL - Expanded Gym Option	\$	6,770.00
--------------------------------	----	----------

ANCHORAGE
900 West 5th Ave. Suite 403
Anchorage, Alaska 99501
907.272.3567

WASILLA
191 East Swanson Ave. Suite 203
Wasilla, Alaska 99654
907.373.7503

BOZEMAN
104 East Main St. Suite 209
Bozeman, Montana 56715
406.404.1588

www.architectsalaska.com

Project Number: 21801
 Project Code: BETHPOOL3
 Prepared by: MDL / JDL

Date: 5/5/2022
 Approved by: ML 5-5-2022

Feasibility Study for YK Health Center Gym Addition - Larger Addition

SUMMARY OF DESIGN SERVICES

	Mechanical	Electrical	Total	Basis
Feasibility Study	\$3,400	\$3,000	\$6,400	LSFF
Design Travel Expenses (NIC)	\$0	\$0	\$0	LSFF
Total Design Services	\$3,400	\$3,000	\$6,400	

Note that numbers have been rounded to the nearest \$100 increment.

Key: LSFF = Lump Sum Fixed Fee, T&E = Time and Expense, NTX = Time and Expense Not to Exceed, NIC = Not in Contract.

BASIC ASSUMPTIONS

The scope of this project is to perform a feasibility study and provide a concept design to add an indoor gym and track to the existing Yukon Kuskokwim Fitness Center. Concept design documentation will have enough detail to obtain a rough construction cost estimate.

This fee proposal is for mechanical, electrical, and plumbing (MEP) design services to update our concept design documentation to include a larger gymnasium addition and three alternates. Our proposal is based on our online meeting on April 22, 2022 between Jennifer Schmetzer (Dowl), Shanna Zuspan (Agnew Beck), and John Lackey (AMC Engineers).

AMC will provide the following deliverables:

1. A feasibility study and concept design narrative in PDF format including:
 - a. Analysis of existing MEP systems, detailing the capacity of each system to serve the proposed expansion.
 - b. Concept design describing MEP systems in the indoor gym and track expansion and how they will be connected to existing building services.
 - c. Evaluation of expected operating costs for the new addition.
2. Sketches as required to convey the MEP concept design intent. Sketches will be PDF copies of the architectural concept design drawings or existing building record drawings marked up with MEP design intent.
3. Analysis of the base scope and three design alternates including:
 - a. Base Scope: Provide an addition to the existing building to include locker rooms and a 3 court gymnasium.
 - b. Alt #1: Provide a raised running track around the perimeter of the gymnasium.
 - c. Alt #2: Include a multipurpose room and weight room in the addition.
 - d. Alt #3: Include a Sauna in the addition.

Our Standard Rate Schedule applies to all additional services. The prevailing rate schedule will apply to all services provided on a Time & Expenses basis. Any task or service with a zero total can be added as an additional service if requested.

A portion of expenses and other costs will be charged at each applicable phase.

Thank you for selecting AMC Engineers to work with you on this project!

ESTIMATIONS

May 10, 2022

Jennifer Schmetzer
DOWL
3535 College Road, Suite 100
Fairbanks, Alaska 99709

Re: City of Bethel YK Fitness Center Expansion
Project 1802.06 Fee Proposal

Jennifer,

We can provide you with cost estimating services for this project for the fee, outlined below.

Plan on a two week turnaround for the estimate to be developed, for review by the design team.

Item	Admin Rate \$108.00	Estimator \$87.00	Sr Estimator \$170.00	Fixed Fee Totals
Construction Cost Estimate				
Phase 2 - Feasibility Study	2	\$216	24	\$4,080
Revised Scope Concept				
Estimate - 1 Option with 3				
Alternates.			26	\$4,296

Thank you for choosing Estimations for your cost estimating services.

Sincerely,



Jay N. Lavoie
President



Yukon-Kuskokwim Fitness Center Expansion Feasibility Assessment Update

Proposal for Professional Services

Submitted on May 10, 2022

DRAFT



www.agnewbeck.com | 645 G Street, #200 | Anchorage, Alaska 99501 | 907.222.5424

Caterpillar CS56B Documentation

DRAFT



Cat® CS56B

100-66

SMOOTH DRUM VIBRATORY SOIL COMPACTOR

FEATURES:

The Cat® CS56B features a smooth drum and is ideally suited for granular soil applications:

- **Comfortable and ergonomic operator station** features pivoting seat with integrated multifunction LCD display and control console, outstanding visibility to the front and rear of machine, low sound levels and vibration for greater operator comfort and productivity.
- **World-class propel system** built around the exclusive Cat dual pump propel system, two pumps provide separate dedicated flow to drum drive motor and rear axle motor for exceptional gradeability and traction in forward and reverse. New electronic propel control enables more precise machine control.

- **Virtually maintenance free** due to maintenance-free hitch bearings and extended maintenance intervals for vibratory system and hydraulic system, providing more uptime and lower maintenance costs.
- **Enhanced compaction performance** due to more weight at the drum and greater amplitude. Automated propel and vibratory system functions make it easy to ensure consistent, high quality.
- **Optional Cat® Compaction Control** helps the operator determine when compaction has been completed to specification for greater productivity and uniform compaction quality.

Specifications

Engine - Power Train

Engine Model	Cat® C4.4 ACERT™	
Emission Standards	US EPA Tier 4 Final EU Stage IV	
Gross Power ISO 14396	117 kW	157 hp
Displacement	4.4 L	268.5 in³
Stroke	127 mm	5 in
Bore	105 mm	4.1 in
Max. Travel Speed (Forward or Reverse)	11.4 km/h	7 mph

Weights

Operating Weight w/ ROPS/FOPS canopy	11 290 kg	24,887 lb
w/ padfoot shell kit	12 700 kg	27,990 lb
w/ leveling blade	11 915 kg	26,260 lb
w/ padfoot shell kit and leveling blade	13 325 kg	29,363 lb
Operating Weight w/ ROPS/FOPS cab	11 500 kg	25,346 lb
w/ padfoot shell kit	12 900 kg	28,433 lb
w/ leveling blade	12 115 kg	26,703 lb
w/ padfoot shell kit and leveling blade	13 525 kg	29,806 lb
Weight at Drum w/ ROPS/FOPS canopy	6255 kg	13,788 lb
w/ padfoot shell kit	7660 kg	16,887 lb
w/ leveling blade	7145 kg	15,749 lb
w/ padfoot shell kit and leveling blade	8550 kg	18,848 lb
Weight at Drum w/ ROPS/FOPS cab	6350 kg	13,990 lb
w/ padfoot shell kit	7755 kg	17,092 lb
w/ leveling blade	7240 kg	15,952 lb
w/ padfoot shell kit and leveling blade	8645 kg	19,053 lb

Vibratory System Specifications

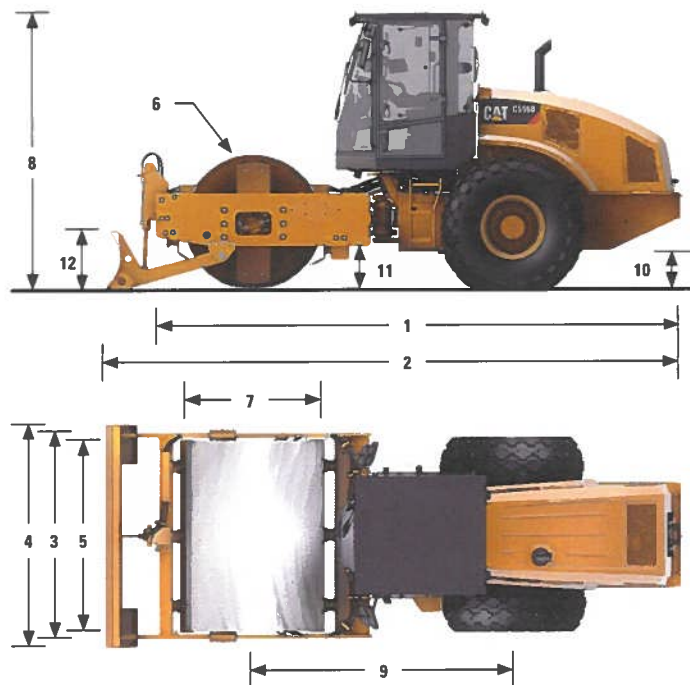
Frequency		
Standard	30.5 Hz	1830 vpm
During Eco-mode Operation	27.7 Hz	1664 vpm
Optional Variable Frequency	23.3-30.5 Hz	1400-1830 vpm
Nominal Amplitude @30.5 Hz (1830 vpm)		
High	2.1 mm	0.083 in
Low	0.98 mm	0.039 in
Centrifugal Force @ 30.5 Hz (1830 vpm)		
Maximum	301 kN	67,600 lb
Minimum	141 kN	31,670 lb
Static Linear Load		
w/ ROPS/FOPS	29.3 kg/cm	164.1 lbs/in
w/ ROPS/FOPS Cab	29.8 kg/cm	166.5 lbs/in

Service Refill Capacities

Fuel Tank, total capacity	242 L	64 gal
Diesel Exhaust Fluid refill capacity	19 L	5 gal
Cooling System	27.8 L	7.3 gal
Engine Oil w/ Filter	11.6 L	3.1 gal
Eccentric Weight Housings	26 L	6.9 gal
Axle and Final Drives	18 L	4.8 gal
Hydraulic Tank (service refill)	50 L	13.2 gal



CS56B Vibratory Soil Compactor



Dimensions

1 Overall Length	5.86 m	19.2 ft
2 Overall Length w/ optional Leveling Blade	6.4 m	20.9 ft
3 Overall Width	2.30 m	7.53 ft
4 Overall Width w/ optional Leveling Blade	2.50 m	8.25 ft
5 Drum Width	2134 mm	84 in
6 Drum Shell Thickness	30 mm	1.18 in
7 Drum Diameter	1534 mm	60.4 in
8 Overall Height		
-Cab	3.11 m	10.2 ft
-ROPS/FOPS	3.08 m	10.1 ft
9 Wheelbase	2.9 m	9.5 ft
10 Ground Clearance	442 mm	17.4 in
11 Curb Clearance	494 mm	19.3 in
12 Optional Leveling Blade Height	688 mm	27.1 in
Inside Turning Radius	3.68 m	12.07 ft
Hitch Articulation Angle	34°	
Hitch Oscillation Angle	15°	

STANDARD EQUIPMENT Varies by market- contact your Dealer for specifics.

ELECTRICAL

- 24 volt Electrical System
- 100 ampere Alternator
- 750 Cold-cranks Amps Battery Capacity

OPERATOR ENVIRONMENT

- ROPS/FOPS with Platform Handrails/Guardrails
- Vinyl Adjustable Pivoting Seat with Integrated Console, Seat Belt
- Multifunction LCD Display with gauges and/or audible warning alarm for: Hydraulic oil temperature, Engine oil pressure, Engine coolant temperature, Alternator charge, Fuel level, Service hour meter, Engine RPM, Ground speed, Vibe frequency, Fuel rate, Air filter constriction, Engine load and Optional Cat Compaction Control
- Adjustable Tilting Steering Column with Integrated Cup Holders
- Lockable Vandalism Guard on LCD Display
- 12-volt Power Outlet
- Floor Mat
- Interior Rear View Mirror
- Horn, Backup Alarm

POWER TRAIN

- Cat® C4.4 Diesel Engine
- Three-speed Throttle Switch w/ Eco-mode, Automatic Speed Control
- Dual Propel Pumps; One for Drum Drive, One for Rear Axle
- Fuel Filter, Water Separator, Electronic Priming Pump, Water Indicator
- Tilting Radiator/Hydraulic Oil Cooler
- Dual Braking System
- Two-speed Hydrostatic Transmission

VIBRATORY SYSTEM

- Smooth Drum, Front Adjustable Steel Scraper
- Dual Amplitude, Single Frequency
- Pod-Style Eccentric Weight System
- Auto-vibe Function

OTHER

- Hydraulic Oil Level Sight Gauge
- Radiator Coolant Level Sight Gauge
- Cat® ToughGuard™ Hose
- S-O-S™ Sampling Valves, Engine Oil and Hydraulic Oil

OPTIONAL EQUIPMENT

- ROPS/FOPS Cab with Climate Control
- Padfoot Shell Kit
- Leveling Blade
- Variable Vibration Frequency
- Beacon, Rotating
- Polyurethane Drum Scrapers
- Steel Rear-side Drum Scraper
- Bio-oil Factory Fill
- High Ambient Temperature Oil Factory Fill
- Sun Visor
- Deluxe High-back Air-ride Pivoting Seat (with Cab only)
- Cat Compaction Control, Machine Drive Power or CMV or Both
- SBAS GNSS Mapping for Cat Compaction Control (RTK available)
- Upgraded Halogen Light Package
- Cab Internal Rear View Mirrors, Roll-down Sun Screen
- Product Link™

The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 0.8 kg of refrigerant which has a CO₂ equivalent 1.144 metric tonne.

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

QEHO1558-03 (03-17)

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Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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January 17, 2022

CITY OF BETHEL ACCOUNTS PAYABLE
P O PURCHASES ONLY
PO BOX 1388
BETHEL, Alaska 99559-1388

Attention: Jake Thompson

RE: Quote 258218-01 - QUOTED USING SOURCEWELL-CAT CONTRACT PRICING, CITY OF BETHEL MEMBER # 28863

We would like to thank you for your interest in our company and our products, and are pleased to quote the following for your consideration.

One (1) New Caterpillar Model: CS56B Soil Compactor with all standard equipment in addition to the specifications listed below:

STOCK NUMBER: 21W1861

SERIAL NUMBER: TBD - NEW

YEAR: 2022

SMU: NEW

STANDARD EQUIPMENT**POWERTRAIN**

CAT C4.4 inline four cylinder, turbo-charged diesel engine with glow-plug heater

Dual element air cleaner

Fuel filter/water separator/electronic priming pump and water indicator

Three-speed throttle switch including ECOMODE

Dual propel pumps - 1 for drum and 1 for tires

Dual braking systems

Two-speed hydrostatic transmission

Limited slip differential

ELECTRICAL

24-volt starting and charging system alternator

2 Maintenance free batteries

Work lights

Backup alarm and forward warning horn

Product link ready

OPERATOR ENVIRONMENT

ROPS/FOPS platform

Four heavy-duty isolation mounts

Platform handrails/guardrails

Power steering

Adjustable tilt-steering column

Adjustable, rotating suspension seat

Retractable seat belt

Rear view camera with display

Adjustable, padded arm rest for propel lever operation

Lockable, vandalism guard for on-board display

12-volt power point

DRUMS

84" wide smooth drum

Dual amplitude with single frequency

Dual, pod-style eccentric weight housings

Front adjustable steel scraper

OTHER STANDARD EQUIPMENT

Locking composite engine enclosure

Sealed-for-life hitch bearings

-hydraulic oil level

Hydraulic tank locking cap

Articulated frame with safety lock

Transport tie-down and lift points

Fuel tank with lockable cap

Quick connect hydraulic pressure test ports

SOS ports

MACHINE SPECIFICATIONS

CS56B VIBRATORY COMPACTOR	433-1614	PRODUCT LINK, CELLULAR PL641	454-5454
ENGINE, TIER 4FINAL EMISSIONS	420-9160	TRANSMISSION GUARD	355-2660
SEAT BELT, 3"	387-1801	ENCLOSED CAB, ROPS/FOPS WITH A/C	435-8036
TIRES, 23,1-26 TITAN 8PR	203-4717	1 PAPER SET OF PARTS AND SERVICE MANUALS	
FIXED FREQUENCY	355-3547	FREIGHT FROM FACTORY, FOB BETHEL DOCKSIDE, AK - VIA SUMMER BARGE	
STEEL FRONT SCRAPER	360-0498	NEW MACHINE PREP	
NO BLADE	357-6261	5 YEAR / 3500 HOUR PREMIER WARRANTY -TECHNICIAN TRAVEL TIME & MILEAGE NOT INCLUDED	
CLOTH SEAT	356-1227		

NEW 2022 CAT CS56 SOIL COMPACTOR LIST PRICE	\$250,284.00
2022 SOURCEWELL CONTRACT DISCOUNT – 19% OFF LIST PRICE	-\$47,553.00
ADDITIONAL CAT SOIL COMPACTOR 2022 GOV CUSTOMER DISCOUNT	-\$14,179.00
SUBTOTAL	\$188,552.00

NON-CAT PRICE LIST ITEMS	
FREIGHT FROM FACTORY - FOB BETHEL, AK	\$12,000.00
NEW MACHINE PREP	\$4,500.00
1 PAPER SET PARTS AND SERVICE MANUALS	\$1,200.00
5 YEAR / 3500 HOUR CAT PREMIER WARRANTY	\$2,900.00
TOTAL	\$209,152.00

WARRANTY

Standard Warranty:	1 YEAR NEW CAT WARRANTY -TECHNICIAN TRAVEL TIME & MILEAGE NOT INCLUDED
Extended Warranty	5 YEAR / 3500 HOUR PREMIER WARRANTY -TECHNICIAN TRAVEL TIME & MILEAGE NOT INCLUDED

F.O.B/TERMS: BETHEL, AK VIA SUMMER 2022 BARGE

Accepted by _____ on _____

Signature

We wish to thank you for the opportunity of quoting on your equipment needs. This quotation is valid for 30 days, after which time we reserve the right to re-quote. If there are any questions, please do not hesitate to contact me.

Sincerely,

Steven Fisher
Machine Sales Representative
Cell: 907-748-7540
SFisher@NCMachinery.com

Caterpillar Excavator Documentation

DRAFT

336

HYDRAULIC EXCAVATOR



Engine Power
Operating Weight

232 kW (311 hp)
37 200 kg (81,900 lb)

Cat® C9.3B Engine meets U.S. EPA Tier 4 Final, EU Stage V, and Japan 2014 emission standards.



NEXT GENERATION EXCAVATORS

Cat® Next Generation Excavators offer you more choices than ever for your business.

- + MORE MODEL OPTIONS
- + MORE STANDARD TECHNOLOGIES
- + MORE PRICE POINTS

Ready to help you make your business stronger, Cat Next Generation Excavators give you new ways to get the most work done at the lowest cost – so you put more money in your pocket.



THE CAT® 336

MOVING THE STANDARD HIGHER

The **CAT 336** raises the bar for efficiency and fuel economy in this size class. With the industry's highest level of standard factory technology, a cab made for operator comfort, plus lower fuel and maintenance costs, the 336 will help make your operation more productive and profitable.



INCREASE OPERATING EFFICIENCY UP TO 45%¹

The Cat 336 offers the industry's highest level of standard factory-equipped technology, including Cat GRADE with 2D, GRADE with Assist, and PAYLOAD.

INCREASE FUEL EFFICIENCY UP TO 15%²

A precise combination of lower engine speed and large hydraulic pump pressure and flow delivers more work per unit of fuel.

LOWER MAINTENANCE COSTS UP TO 15%³

Extended maintenance intervals increase uptime and reduce costs.

¹ Operator efficiency gains compared to traditional grading methods.

² Compared to the 336F.

³ Compared to the 336F. Cost reduction based on 12,000 hours of operation.

**LOAD UP
WITH**

**15% MORE FUEL
EFFICIENCY**

THAT'S 12 MORE TRUCKLOADS WITH THE
336 NEXT GENERATION EXCAVATOR.



336F

219 L (58 GAL) =
83 LOADED TRUCKS

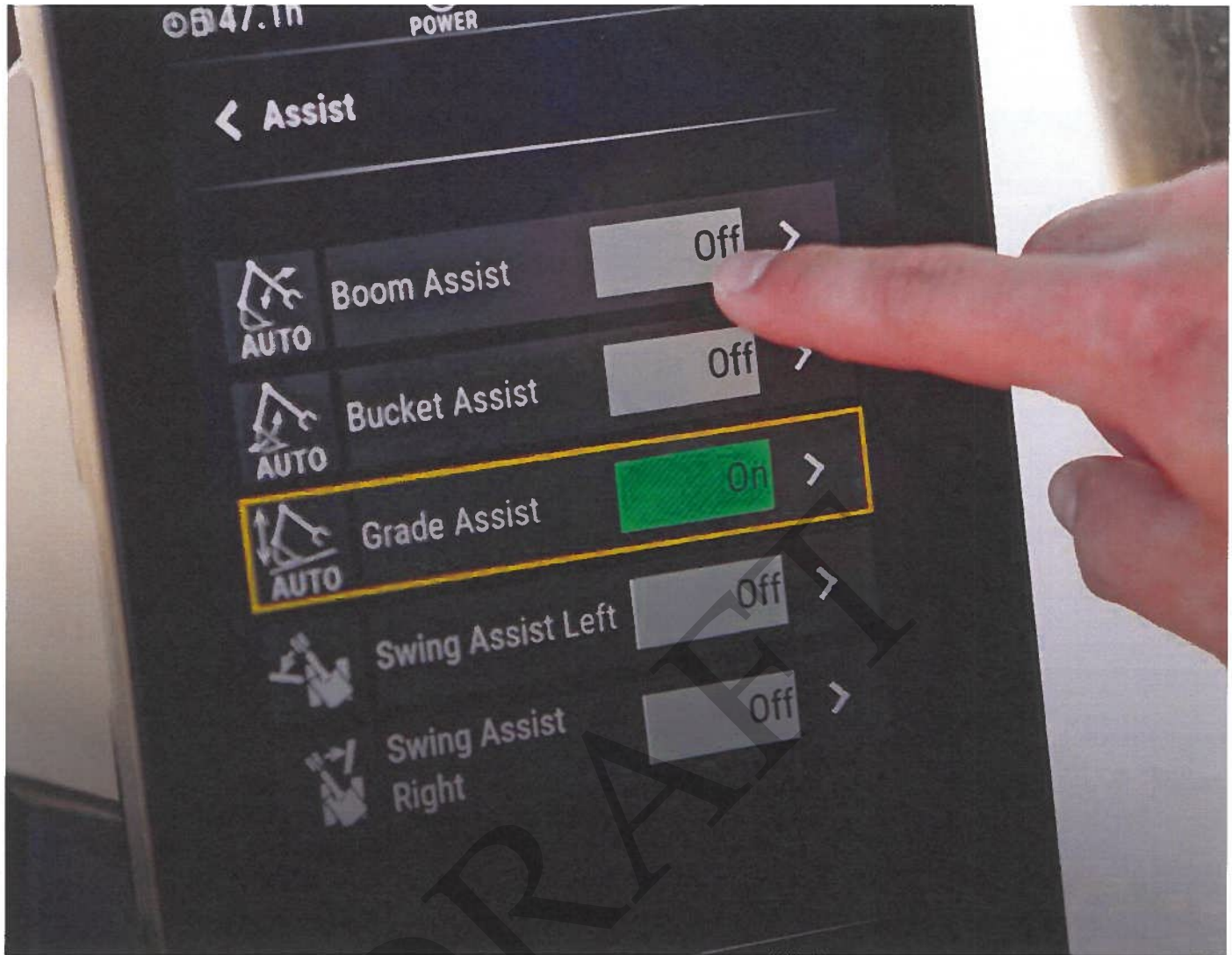


336

83 LOADED TRUCKS × 15%
EFFICIENCY IMPROVEMENT =
12 ADDITIONAL TRUCKLOADS

SCENARIO:

Cat® Excavators loading Cat 730 trucks using
219 L (58 gal) of fuel each day.



STANDARD CAT TECHNOLOGIES

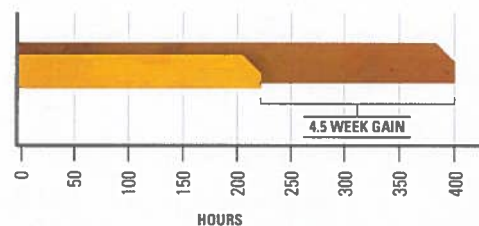
GETS JOBS DONE FASTER
WITH LESS REWORK

Cat Technology gives you the edge. Operators of all experience levels will dig, load, and grade with more confidence, speed, and accuracy. The result?

Better productivity and lower costs.

WHAT WOULD YOU DO WITH 4.5 MORE WEEKS?

45% GAIN WITH TECHNOLOGY
means same amount of work done faster



PREVIOUS YEAR:

USING TRADITIONAL GRADING METHODS

400 hours/year, grading with stakes and checkers

CURRENT YEAR:

USING CAT 336 WITH CAT TECHNOLOGY

220 hours/year, with standard Cat GRADE



INCREASE EFFICIENCY UP TO 45% WITH CAT TECHNOLOGY

STANDARD, SIMPLE-TO-USE TECHNOLOGIES INCLUDE:



STANDARD CAT GRADE WITH 2D

Cat GRADE with 2D helps operators reach grade faster. Operators cut and fill to exact specifications without overcutting. You can program up to four of your most commonly used target depth and slope offsets so you can get to grade with ease – a real time saver on the jobsite. Best of all, no grade checkers are needed so the work area is safer.



STANDARD CAT GRADE WITH ASSIST

Automated boom, stick, and bucket movements deliver more accurate cuts with less effort. The operator simply sets the depth and slope in the monitor and activates single-lever digging.



STANDARD CAT PAYLOAD

Cat PAYLOAD technology delivers precise load targets with on-the-go weighing, which helps prevent over/underloading and maximizes efficiency. Automated tracking helps manage production and lower cost. You can even take payload data with you. The monitor's USB port lets you download your results from one shift all the way up to 30 days of work so can manage your progress without needing an internet connection or VisionLink® subscription.



STANDARD LIFT ASSIST

Lift Assist quickly calculates the actual load you are lifting and compares it to the rated load the excavator is capable of handling. Visual and auditory alerts tell you if you are within safe working range or need to take action to avoid tipping.

AVAILABLE OPTIONAL UPGRADES

Cat GRADE with Advanced 2D and Cat GRADE with 3D increase productivity and expand grading capabilities. GRADE with Advanced 2D adds in-field design capabilities through an additional 254 mm (10 inch) high-resolution touchscreen monitor. GRADE with 3D adds GPS and GLONASS positioning for pinpoint accuracy. Plus it's easier than ever to connect to 3D services like Trimble Connected Community or Virtual Reference Station with the excavator's built-in communication technology.

CAT LINK TECHNOLOGY

TAKES THE GUESSWORK OUT OF MANAGING YOUR EQUIPMENT

CAT LINK telematics technology helps take the complexity out of managing your jobsites – by gathering data generated by your equipment, materials, and people and serving it up to you in customizable formats.



PRODUCT LINK™

Product Link™ collects data automatically and accurately from your assets – any type and any brand. Information such as location, hours, fuel usage, productivity, idle time, maintenance alerts, diagnostic codes, and machine health can be viewed online through web and mobile applications.

VISIONLINK®

Access information anytime, anywhere with VisionLink – and use it to make informed decisions that boost productivity, lower costs, simplify maintenance, and improve safety and security on your jobsite. With different subscription level options, your Cat dealer can help you configure exactly what you need to connect your fleet and manage your business without paying for extras you don't want. Subscriptions are available with cellular or satellite reporting (or both).

Remote Services is a suite of technologies that improve your jobsite efficiency.

Remote Troubleshoot allows your Cat dealer to perform diagnostic testing on your connected machine remotely, pinpointing potential issues while the machine is in operation. Remote Troubleshoot ensures the technician arrives with the correct parts and tools the first time, eliminating additional trips to save you time and money.

Remote Flash updates on-board software without a technician being present, potentially reducing update time by as much as 50%. You can initiate the update when convenient, increasing your overall operating efficiency.



The **Cat App** helps you manage your assets – at any time – right from your smartphone. You can see your fleet location, hours, and other information you need to see. You will get critical alerts for required maintenance, and you can even request service from your local Cat dealer.

Caterpillar releases products, services and technologies in each region at different time intervals. Please verify with your local Cat dealer for technology availability and specifications.

CAB TAKES THE HARD OUT OF WORK

Sites where excavators typically work are rugged and challenging. That's why it's important that the 336 cab protects the operator as much as possible from the fatigue, stresses, sounds, and temperatures of the job.

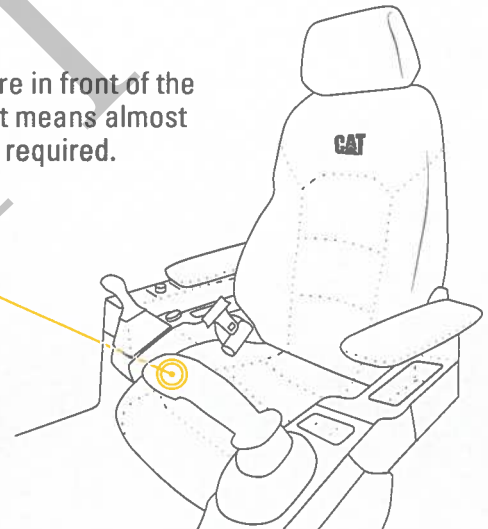


WE'VE GOT YOUR BACK.

BACK PAIN IS ONE OF THE MOST COMMON REASONS PEOPLE MISS WORK.*

NEW CAB:

All controls are in front of the operator. That means almost no twisting is required.



OLD CAB: 2,000+ twists a year to reach controls in back of cab that can strain your back.

ASSUME 1 TWIST PER HOUR
1 TWIST × 8-HOUR WORKDAY = 8 TWISTS PER DAY
8 TWISTS × 5 WORKDAYS PER WEEK = 40 TWISTS PER WEEK
40 TWISTS × 52 WEEKS PER YEAR = **2,080 TWISTS PER YEAR**

*SOURCE: [HTTPS://WWW.NINDS.NIH.GOV/DISORDERS/PATIENT-CAREGIVER-EDUCATION/FACT-SHEETS/LOW-BACK-PAIN-FACT-SHEET](https://www.ninds.nih.gov/disorders/patient-caregiver-education/fact-sheets/low-back-pain-fact-sheet)

SEAT AND JOYSTICK CONSOLE REDUCE FATIGUE

Comfort and efficiency of movement keep operators productive and alert all shift long. The standard seat is wide and adjustable for operators of virtually any size. The Deluxe cab package includes a heated air suspension seat; the Premium seat is both heated and cooled.



TOUCHSCREEN MONITOR

Most machine settings can be controlled through the high-resolution touchscreen monitor. It offers 42 languages and is easy to reach from the seat – no twisting or turning.



SMART MODE

Smart Mode, one of three power settings, automatically adjusts engine and hydraulic power for the highest fuel efficiency – less power for tasks such as swinging and more power for digging. Operators can set and store their power mode preference using Operator ID; owners can lock in the mode they want their operators to use to help manage fuel consumption.



CUSTOMIZABLE JOYSTICKS

Joystick function can be customized through the monitor. Joystick pattern as well as response can be set to match operator preference. All preferences are saved with Operator ID and restored at log in.



KEYLESS PUSH START

The 336 uses a keyless push-button engine start. This adds security for the machine by using Operator ID codes to limit and track machine access. Codes can be entered manually, via an optional Bluetooth® key fob, or smartphone app.



BUILDS OPERATOR CONFIDENCE

A QUIET, SAFE WORKSPACE

ISO-CERTIFIED ROPS CAB

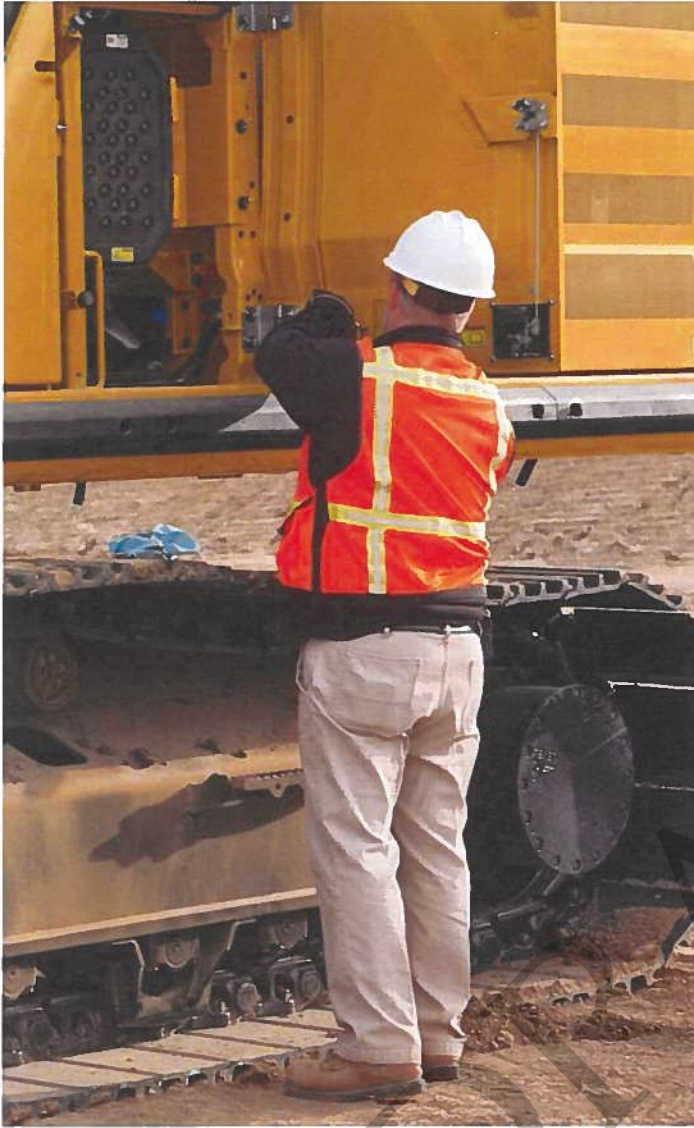
The ISO-certified ROPS cab is sound-suppressed and sealed. The windows and lower front profile of the machine give outstanding visibility to the work area without the strain of constantly leaning forward.

ALL-AROUND VISIBILITY

A standard rearview camera keeps operators aware of their surroundings at all times. An optional 360° visibility feature is also available.

EASY ACCESS, CONNECTIVITY AND STORAGE

Convenience features include Bluetooth integrated radio, USB ports for charging and phone connectivity, 12V DC outlets and AUX port, storage in rear, overhead and console compartments, and cup and bottle holders.



SAFETY FEATURES

LOOK OUT FOR YOUR PEOPLE
AND YOUR EQUIPMENT

Routine maintenance checks can be performed faster, easier, and safer with ground-level access to the air precleaner, the fuel water separator, fuel tank water and sediment drains, and cooling system coolant level check.

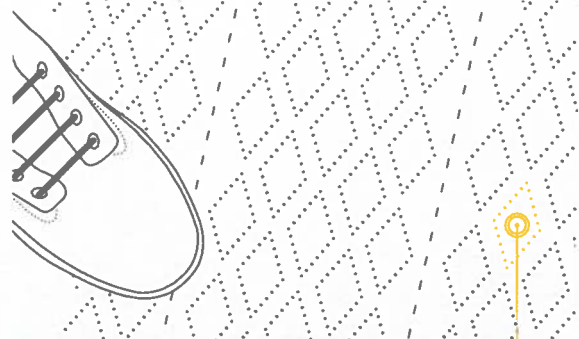
KEEP YOUR EXCAVATOR SECURE

Use your PIN code on the monitor, the optional Bluetooth key fob, or your smartphone to enable the push-button start.

1,148 WAYS TO STAY SAFE.

FACT:

SLIPPING IS ONE OF THE
BIGGEST CONTRIBUTORS
TO WORKPLACE INJURIES.*



OUR ANTI-SKID PLATES FEATURE

1,000+ INDIVIDUAL PERFORATIONS
FOR BETTER TRACTION

*SOURCE: [HTTPS://WWW.OSHA.GOV/DTE/GRANT_MATERIALS/FY07/SH-16625-07/SLIPSTRIPSFALLS.PPT](https://www.osha.gov/dte/grant_materials/FY07/SH-16625-07/SLIPSTRIPSFALLS.PPT)



E-WALL SWING

E-WALL FORWARD

E-WALL CAB PROTECTION

E-WALL CEILING

E-WALL FLOOR

STANDARD 2D E-FENCE TECHNOLOGY

Whether you are using a bucket or hammer, standard 2D E-Fence automatically stops excavator motion using boundaries you set in the monitor for the entire working envelope – above, below, sides and front. E-Fence protects equipment from damage and reduces fines related to zoning or underground utility damage. Automatic boundaries even help prevent operator fatigue by reducing overswinging and digging.



LOWER MAINTENANCE COSTS UP TO 15%

With extended maintenance intervals, you get more done at a lower cost compared to the 336F. Consolidated filter locations make service faster. Hydraulic, air, and fuel tank filters have increased capacity and longer life.

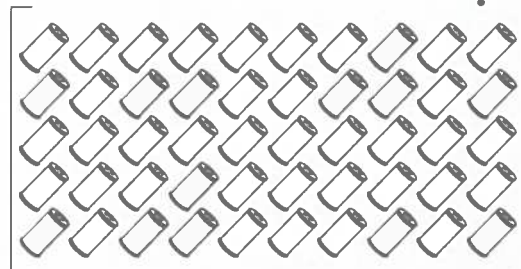
KEY MAINTENANCE COST REDUCTIONS INCLUDE:

- + Consolidated filter locations to reduce service time.
- + Oil and fuel filters with extended maintenance intervals.
- + Advanced air filter with double the dust holding capacity of the previous filter.



WHAT WILL YOU DO WITH YOUR SAVINGS?

REPLACE **50 FEWER FILTERS**
OVER 12,000 HOURS OF OPERATION.



THAT SAVES YOU **UP TO 15%**
IN MAINTENANCE COSTS*



*SOURCE: INTERNAL NEXT GENERATION PRODUCT SUPPORT
MAINTENANCE COST COMPARISON

INCREASE YOUR PRODUCTIVITY AND PROFIT WITH CAT ATTACHMENTS

You can easily expand the performance of your machine by utilizing any of the variety of Cat Attachments. Each Cat Attachment is designed to fit the weight and horsepower of Cat Excavators for improved performance, safety, and stability.

BUCKETS



GRAPPLES



HYDRAULIC HAMMERS



PREVENT HAMMER WEAR AND TEAR

Turn on through the monitor and the hammer will automatically stop after 30 seconds of continuous firing, preventing both tool and excavator from overworking.

ATTACHMENT TRACKING MADE EASY

The Cat PL161 Attachment Locator is a Bluetooth device that makes finding your attachments and other gear quick and easy. The excavator's onboard Bluetooth reader or Cat App on your phone will locate the device automatically.

MULTI-PROCESSORS



QUICK COUPLERS



RAKES



RIPPERS



SECONDARY PULVERIZERS



SHEARS



THUMBS



VIBRATORY PLATE COMPACTORS



Save more time and energy with the available work tool recognition feature. A simple shake of the attached tool confirms its identity; it also ensures all the attachment settings are correct so you can get to work quickly and efficiently.

TECHNICAL SPECIFICATIONS

See cat.com for complete specifications.

ENGINE		
Engine Model	C9.3B	
Engine Power – ISO 9249	232 kW	311 hp
Engine Power – ISO 14396	234 kW	314 hp
Bore	115 mm	5 in
Stroke	149 mm	6 in
Displacement	9.3 L	568 in ³
HYDRAULIC SYSTEM		
Main System – Maximum Flow – Implement	558 L/min (279 × 2 pumps) 147 gal/min (74 × 2 pumps)	
Maximum Pressure – Equipment – Implement	35 000 kPa	5,076 psi
Maximum Pressure – Equipment – Lift Mode	38 000 kPa	5,511 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	29 400 kPa	4,264 psi
SWING MECHANISM		
Swing Speed	8.75 rpm	
Maximum Swing Torque	144 kN·m	106,228 lbf·ft
WEIGHTS		
Operating Weight	37 200 kg	81,900 lb
Long undercarriage, Reach boom, R3.9DB (12'10") stick, GD 2.27 m ³ (2.97 yd ³) bucket, 850 mm (33") triple grouser shoes, 6.8 mt (14,991 lb) counterweight.		
SERVICE REFILL CAPACITIES		
Fuel Tank Capacity	600 L	158.5 gal
Cooling System	40 L	10.5 gal
Engine Oil (with filter)	32 L	8.5 gal
Swing Drive (each)	18 L	4.8 gal
Final Drive (each)	8 L	2.1 gal
Hydraulic System (including tank)	373 L	98.5 gal
Hydraulic Tank	161 L	42.5 gal
DEF Tank	80 L	21.1 gal

AIR CONDITIONING SYSTEM		
The air conditioning system on this machine contains the fluorinated greenhouse gas refrigerant R134a (Global Warming Potential = 1430). The system contains 1.00 kg of refrigerant, which has a CO ₂ equivalent of 1.430 metric tonnes.		
DIMENSIONS		
Boom	Reach Boom 6.5 m (21'4")	
Stick	Reach Stick 3.9 m (12'10")	
Bucket	GDC 2.27 m³ (2.97 yd³)	
Shipping Height (top of cab)	3170 mm	10'4"
Handrail Height	3160 mm	10'4"
Shipping Length	11 200 mm	36'8"
Tail Swing Radius	3530 mm	11'6"
Counterweight Clearance	1250 mm	4'1"
Ground Clearance	510 mm	1'8"
Track Length	5030 mm	16'6"
Track Length to Center of Rollers	4040 mm	13'3"
Track Gauge – Long Undercarriage	2590 mm	8'5"
Transport Width – 850 mm (33") Shoes	3440 mm	11'3"
WORKING RANGES AND FORCES		
Boom	Reach Boom 6.5 m (21'4")	
Stick	Reach Stick 3.9 m (12'10")	
Bucket	GDC 2.27 m³ (2.97 yd³)	
Maximum Digging Depth	8200 mm	26'10"
Maximum Reach at Ground Level	11 730 mm	38'5"
Maximum Cutting Height	10 740 mm	35'2"
Maximum Loading Height	7490 mm	24'6"
Minimum Loading Height	1900 mm	6'2"
Maximum Depth Cut for 2440 mm (8'0") Level Bottom	8060 mm	26'5"
Maximum Vertical Wall Digging Depth	6360 mm	20'10"
Bucket Digging Force (ISO)	210 kN	47,160 lbf
Stick Digging Force (ISO)	144 kN	32,440 lbf

STANDARD & OPTIONAL EQUIPMENT

Standard and optional equipment may vary. Consult your Cat dealer for details.

CAB	STANDARD	OPTIONAL
ROPS, sound suppression	•	
High-resolution 203 mm (8") LCD touchscreen monitor	•	
High-resolution 254 mm (10") LCD touchscreen monitor		•
Heated seat with air-adjustable suspension <i>(Deluxe only)</i>	•	
Heated and cooled seat with automatic adjustable suspension <i>(Premium only)</i>	•	
ENGINE	STANDARD	OPTIONAL
Cold start block heaters		•
Three selectable modes: Power, Smart, Eco	•	
Automatic engine speed control	•	
Up to 3300 m (10,830 ft) altitude capability	•	
52° C (126° F) high-ambient cooling capacity	•	
Hydraulic reverse fan		•
-18° C (0° F) cold start capability	•	
-32° C (-25° F) cold start capability		•
Double element air filter with integrated precleaner	•	
Remote disable	•	
Biodiesel capability up to B20	•	
HYDRAULIC SYSTEM	STANDARD	OPTIONAL
SmartBoom™		•
Boom and stick regeneration circuit	•	
Electronic main control valve	•	
Heavy lift mode		•
Automatic hydraulic oil warm up	•	
Reverse swing damping valve	•	
Automatic swing parking brake	•	
High performance hydraulic return filter	•	
Two speed travel	•	
Bio hydraulic oil capability	•	
Combined two-way auxiliary circuit		•
Medium-pressure auxiliary circuit		•
Cooling circuit		•
Quick coupler circuit		•
UNDERCARRIAGE AND STRUCTURES	STANDARD	OPTIONAL
Long undercarriage		•
Long Narrow undercarriage		•
Towing eye on base frame	•	
6.8 mt (14,991 lb) counterweight		•
7.56 mt (16,667 lb) counterweight		•
600 mm (24") double grouser, HD double grouser, triple grouser track shoes		•
700 mm (28") triple grouser track shoes		•
850 mm (33") triple grouser track shoes		•
BOOMS AND STICKS	STANDARD	OPTIONAL
6.18 m (20'3") Mass boom		•
6.5 m (21'4") Reach boom		•
6.5 m (21'4") HD Reach boom		•
2.55 m (8'4") stick		•
2.8 m (9'2") stick		•
3.2 m (10'6") stick		•
3.2 m (10'6") HD stick		•
3.9 m (12'10") stick		•
3.9 m (12'10") HD stick		•
ELECTRICAL SYSTEM	STANDARD	OPTIONAL
Maintenance-free 1,000 CCA batteries (x2)	•	
Centralized electrical disconnect switch	•	
LED chassis light, LH and RH boom lights, cab lights	•	
CAT TECHNOLOGY	STANDARD	OPTIONAL
Cat Product Link	•	
Cat GRADE with 2D	•	
Cat GRADE with Advanced 2D		•
Cat GRADE with 3D		•
Cat GRADE with Assist	•	
Cat PAYLOAD	•	
Cat E-Fence	•	
Lift Assist	•	
Remote Services capability	•	
SERVICE AND MAINTENANCE	STANDARD	OPTIONAL
Grouped location of engine oil and fuel filters	•	
Scheduled Oil Sampling (S-O-S SM) ports	•	
QuickEvac™ maintenance ready		•
Electric refueling pump with auto shutoff		•
SAFETY AND SECURITY	STANDARD	OPTIONAL
Caterpillar One Key security system	•	
Lockable external tool/storage box	•	
Lockable door, fuel, and hydraulic tank locks	•	
Lockable fuel drain compartment	•	
Service platform with anti-skid plate and recessed bolts	•	
RH handrail and hand hold (ISO 2867:2011 compliant)	•	
Signaling/warning horn	•	
Ground-level secondary engine shutoff switch	•	
Rear and right-hand-sideview cameras	•	
360° visibility		•
Boom lowering check valve		•
Stick lowering check valve		•

Not all features are available in all regions. Please check with your local Cat dealer for specific offering availability in your area.

For additional information, refer to the Technical Specifications brochures for the 336 GC and 336 models available at www.cat.com or your Cat dealer.



336

Hydraulic Excavator

500-71

Technical Specifications

Configurations and features may vary by region. Please consult your Cat® dealer for availability in your area.

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336 Hydraulic Excavator Specifications

Engine

Engine Model	Cat® C9.3B	
Engine Power – ISO 9249	232 kW	311 hp
Engine Power – ISO 14396	234 kW	314 hp
Bore	115 mm	5 in
Stroke	149 mm	6 in
Displacement	9.3 L	568 in³

- Meets U.S. EPA Tier 4 Final emission standards.
- Recommended for use up to 4500 m (14,760 ft) altitude with engine power derate above 3000 m (9,840 ft).
- Rating at 1,800 rpm.

Swing Mechanism

Swing Speed	8.75 rpm	
Maximum Swing Torque	144 kN·m	106,228 lbf·ft

Weights

Operating Weight	37 200 kg	81,900 lb
------------------	-----------	-----------

- Long undercarriage, Reach boom, R3.9DB (12'10") stick, GD 2.27 m³ (2.97 yd³) bucket, 850 mm (33") triple grouser shoes, 6.8 mt (14,991 lb) counterweight.

Track

Standard Track Shoes Width	850 mm	33 in
Optional Track Shoes Width	600 mm	24 in
Optional Track Shoes Width	700 mm	28 in
Optional Track Shoes Width	800 mm	31 in
Number of Shoes (each side)	49	
Number of Track Rollers (each side)	8	
Number of Carrier Rollers (each side)	2	

Drive

Maximum Gradeability	35%/70%	
Maximum Travel Speed	4.7 km/h	2.9 mph
Maximum Drawbar Pull	295 kN	66,206 lbf

Hydraulic System

Main System – Maximum Flow – Implement	558 L/min (279 × 2 pumps)	147 gal/min (74 × 2 pumps)
Maximum Pressure – Equipment – Implement	35 000 kPa	5,076 psi
Maximum Pressure – Equipment – Lift Mode	38 000 kPa	5,511 psi
Maximum Pressure – Travel	35 000 kPa	5,076 psi
Maximum Pressure – Swing	29 400 kPa	4,264 psi
Boom Cylinder – Bore	150 mm	6 in
Boom Cylinder – Stroke	1440 mm	57 in
Stick Cylinder – Bore	170 mm	7 in
Stick Cylinder – Stroke	1738 mm	68 in
DB Bucket Cylinder – Bore	150 mm	6 in
DB Bucket Cylinder – Stroke	1151 mm	45 in
TB Bucket Cylinder – Bore	160 mm	6 in
TB Bucket Cylinder – Stroke	1356 mm	53 in

Service Refill Capacities

Fuel Tank Capacity	600 L	158.5 gal
Cooling System	40 L	10.5 gal
Engine Oil (with filter)	32 L	8.5 gal
Swing Drive (each)	18 L	4.8 gal
Final Drive (each)	8 L	2.1 gal
Hydraulic System (including tank)	373 L	98.5 gal
Hydraulic Tank	161 L	42.5 gal
DEF Tank	80 L	21.1 gal

Standards

Brakes	ISO 10265:2008
Cab/FOGS	ISO 10262:1998
Cab/ROPS	ISO 12117-2:2008

Sound Performance

ISO 6395:2008 (external)	105 dB(A)
ISO 6396:2008 (inside cab)	73 dB(A)

- Hearing protection may be needed when operating with an open operator station and cab (when not properly maintained or doors/windows open) for extended periods or in a noisy environment.

336 Hydraulic Excavator Specifications

Operating Weights and Ground Pressures

	600 mm (24") Triple Grouser Shoes		700 mm (28") Triple Grouser Shoes		800 mm (31") Triple Grouser Shoes		850 mm (33") Triple Grouser Shoes	
	Ground Pressure		Ground Pressure		Ground Pressure		Ground Pressure	
	Weight kg (lb)	kPa (psi)	Weight kg (lb)	kPa (psi)	Weight kg (lb)	kPa (psi)	Weight kg (lb)	kPa (psi)
Base Frame with HD Track Rollers and Carrier Rollers								
6.8 mt (14,991 lb) Counterweight + Long Undercarriage Base Machine								
Reach Boom + R3.9DB (12'10") Stick + 2.27 m³ (2.97 yd³) GD Bucket	35 900 (79,200)	66.9 (9.7)	36 300 (80,000)	57.9 (8.4)	36 900 (81,400)	51.6 (7.5)	37 200 (81,900)	48.8 (7.1)
Reach Boom + R3.2DB (10'6") Stick + 2.27 m³ (2.97 yd³) GD Bucket	35 800 (78,900)	66.7 (9.7)	36 100 (79,700)	57.7 (8.4)	36 800 (81,100)	51.4 (7.5)	37 000 (81,600)	48.6 (7.1)
Mass Boom + M2.55TB (8'4") Stick + 2.41 m³ (3.15 yd³) SD Bucket	37 300 (82,300)	69.5 (10.1)	37 700 (83,100)	60.2 (8.7)	38 300 (84,500)	53.6 (7.8)	38 600 (85,000)	50.7 (7.4)
7.56 mt (16,667 lb) Counterweight + Long Undercarriage Base Machine								
Reach Boom + R3.9DB (12'10") Stick + 2.27 m³ (2.97 yd³) GD Bucket	36 800 (81,100)	68.5 (9.9)	37 200 (81,900)	59.3 (8.6)	37 800 (83,300)	52.8 (7.7)	38 000 (83,800)	50.0 (7.2)
Reach Boom + R3.2DB (10'6") Stick + 2.27 m³ (2.97 yd³) GD Bucket	36 600 (80,800)	68.3 (9.9)	37 000 (81,600)	59.1 (8.6)	37 600 (83,000)	52.6 (7.6)	37 900 (83,500)	49.8 (7.2)
Mass Boom + M2.55TB (8'4") Stick + 2.41 m³ (3.15 yd³) SD Bucket	38 200 (84,200)	71.1 (10.3)	38 600 (85,000)	61.6 (8.9)	39 200 (86,400)	54.8 (7.9)	39 400 (86,900)	51.8 (7.5)
HD Reach Boom + HD R3.9DB (12'10") Stick + 2.27 m³ (2.97 yd³) GD Bucket	37 200 (82,000)	69.3 (10.1)	37 600 (82,800)	60.0 (8.7)	38 200 (84,200)	53.4 (7.7)	38 400 (84,700)	50.5 (7.3)
HD Reach Boom + HD R3.2DB (10'6") Stick + 2.27 m³ (2.97 yd³) GD Bucket	37 000 (81,600)	69.0 (10.0)	37 400 (82,400)	59.7 (8.7)	38 000 (83,900)	53.1 (7.7)	38 200 (84,300)	50.3 (7.3)

All operating weights include a 90% fuel tank with 75 kg (165 lb) operator.

336 Hydraulic Excavator Specifications

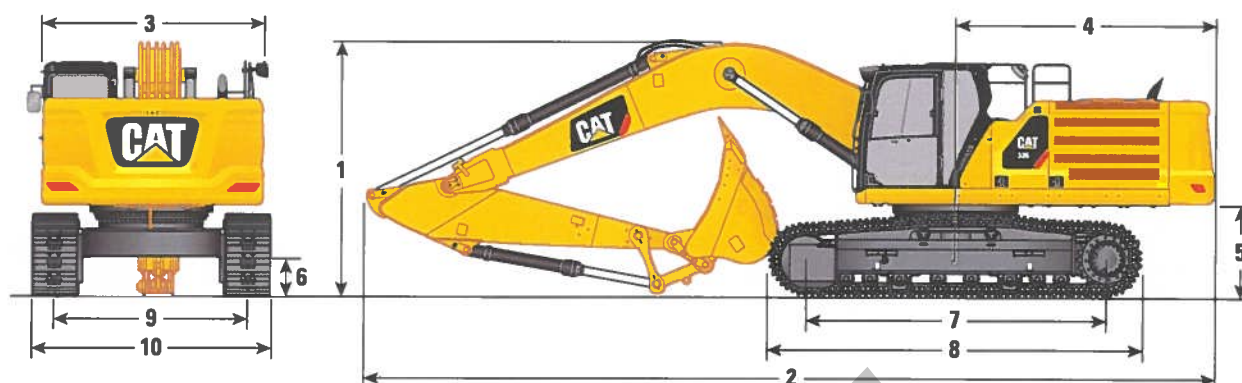
Major Component Weights

	kg	lb
Base machine with 6.8 mt (14,991 lb) counterweight, standard swing frame, base frame with HD track rollers and carrier rollers for long undercarriage	24 530	54,090
Base machine with 7.56 mt (16,667 lb) counterweight, HD swing frame, base frame with HD track rollers and carrier rollers for long undercarriage	25 390	55,980
Track Shoes:		
600 mm (24") Width, 15.5 mm (0.61") Thick, Triple Grouser Track Shoes	4090	9,020
700 mm (28") Width, 11 mm (0.43") Thick, Triple Grouser Track Shoes	4450	9,800
800 mm (31") Width, 13 mm (0.51") Thick, Triple Grouser Track Shoes	5100	11,230
850 mm (33") Width, 13 mm (0.51") Thick, Triple Grouser Track Shoes	5300	11,690
Two Boom Cylinders	670	1,470
Weight of 90% Fuel Tank and 75 kg (165 lb) Operator	550	1,210
Counterweights:		
6.8 mt Counterweight	6800	14,991
7.56 mt Counterweight	7560	16,667
Swing Frames:		
Standard Swing Frame	3160	6,960
HD Swing Frame	3260	7,180
Long Undercarriage:		
Base Frame with HD Track Rollers and Carrier Rollers	8400	18,520
Booms (including lines, pins, stick cylinder):		
Reach Boom 6.5 m (21'4")	3220	7,100
Mass Boom 6.18 m (20'3")	3480	7,670
HD Reach Boom 6.5 m (21'4")	3480	7,670
Sticks (including lines, pins, bucket cylinder, bucket linkage):		
Reach Stick R3.2DB (10'6")	1800	3,960
Reach Stick R3.9DB (12'10")	1950	4,310
Mass Stick M2.55TB (8'4")	2130	4,700
HD Reach Stick R3.2DB (10'6")	1930	4,250
HD Reach Stick R3.9DB (12'10")	2110	4,640
Buckets (without linkage):		
2.27 m³ (2.97 yd³) GD	1590	3,510
2.41 m³ (3.15 yd³) SD	2550	5,630
Quick Coupler:		
Pin Grabber QC	700	1,550

336 Hydraulic Excavator Specifications

Dimensions

All dimensions are approximate and may vary depending on bucket selection.

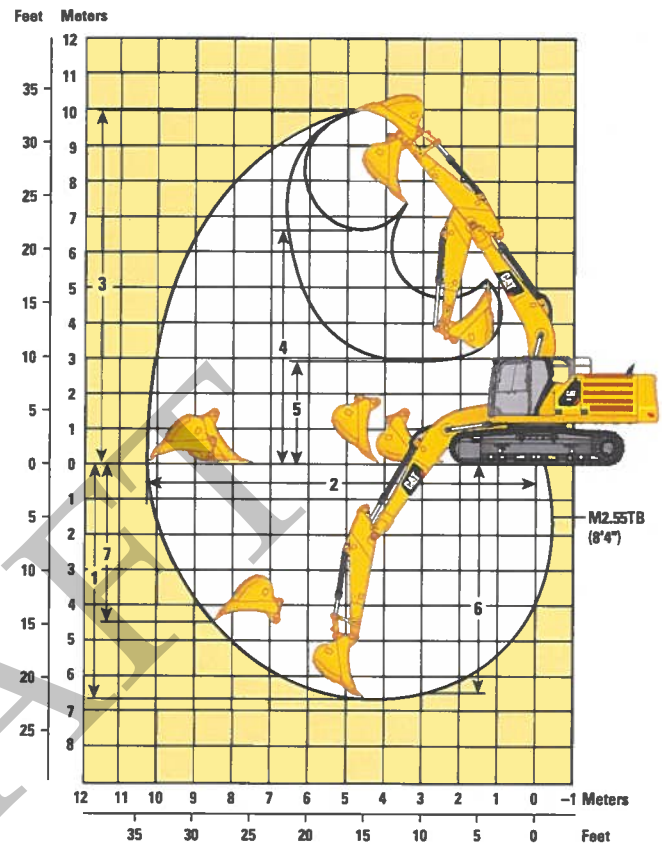
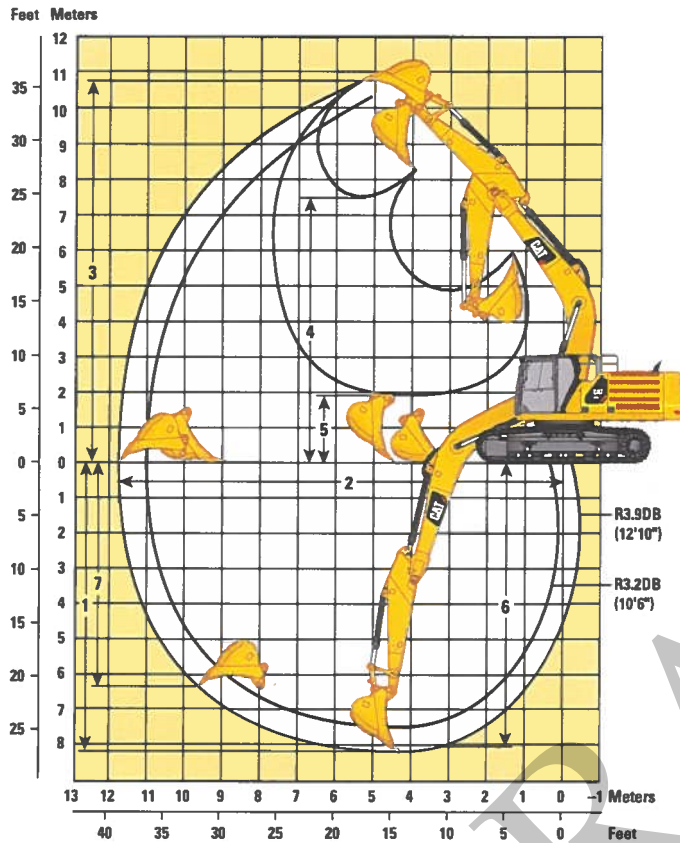


Boom Options			Reach Boom 6.5 m (21'4")		Mass Boom 6.18 m (20'3")	
Stick Options			Reach Stick		Mass Stick M2.55TB (8'4")	
			R3.9DB (12'10")	R3.2DB (10'6")		
1 Machine Height:						
Cab Height	3170 mm	10.4 ft	3170 mm	10.4 ft	3170 mm	10.4 ft
FOGS Height	3310 mm	10.9 ft	3310 mm	10.9 ft	3310 mm	10.9 ft
Handrails Height	3160 mm	10.4 ft	3160 mm	10.4 ft	3160 mm	10.4 ft
With Boom/Stick/Bucket Installed	3670 mm	12.0 ft	3470 mm	11.4 ft	3610 mm	11.8 ft
With Boom/Stick Installed	3560 mm	11.7 ft	3330 mm	10.9 ft	3400 mm	11.2 ft
With Boom Installed	2880 mm	9.4 ft	2880 mm	9.4 ft	2830 mm	9.3 ft
With Boom/Stick/Bucket Installed (with auxiliary lines)	3720 mm	12.2 ft	3520 mm	11.5 ft	3620 mm	11.9 ft
With Boom/Stick Installed (with auxiliary lines)	3620 mm	11.9 ft	3400 mm	11.2 ft	3420 mm	11.2 ft
With Boom Installed (with auxiliary lines)	2970 mm	9.7 ft	2970 mm	9.7 ft	2900 mm	9.5 ft
2 Machine Length:						
With Boom/Stick/Bucket Installed	11 200 mm	36.7 ft	11 170 mm	36.6 ft	10 890 mm	35.7 ft
With Boom/Stick Installed	11 180 mm	36.7 ft	11 140 mm	36.5 ft	10 850 mm	35.6 ft
With Boom Installed	9960 mm	32.7 ft	9960 mm	32.7 ft	9640 mm	31.6 ft
With Boom/Stick/Bucket Installed (with auxiliary lines)	11 200 mm	36.7 ft	11 170 mm	36.6 ft	10 890 mm	35.7 ft
With Boom/Stick Installed (with auxiliary lines)	11 180 mm	36.7 ft	11 140 mm	36.5 ft	10 850 mm	35.6 ft
With Boom Installed (with auxiliary lines)	10 010 mm	32.8 ft	10 010 mm	32.8 ft	9640 mm	31.6 ft
3 Upperframe Width without Walkways	3030 mm	9.9 ft	3030 mm	9.9 ft	3030 mm	9.9 ft
4 Tail Swing Radius	3530 mm	11.6 ft	3530 mm	11.6 ft	3530 mm	11.6 ft
5 Counterweight Clearance	1250 mm	4.1 ft	1250 mm	4.1 ft	1250 mm	4.1 ft
6 Ground Clearance	510 mm	1.7 ft	510 mm	1.7 ft	510 mm	1.7 ft
7 Track Length – Length to Center of Rollers	4040 mm	13.3 ft	4040 mm	13.3 ft	4040 mm	13.3 ft
8 Track Length	5030 mm	16.5 ft	5030 mm	16.5 ft	5030 mm	16.5 ft
9 Track Gauge – Extended (long undercarriage)	2590 mm	8.5 ft	2590 mm	8.5 ft	2590 mm	8.5 ft
10 Track Width/Undercarriage Width (with steps/without steps):						
600 mm (24") Shoes	3190 mm	10.5 ft	3190 mm	10.5 ft	3190 mm	10.5 ft
700 mm (28") Shoes	3290 mm	10.8 ft	3290 mm	10.8 ft	3290 mm	10.8 ft
800 mm (31") Shoes	3390 mm	11.1 ft	3390 mm	11.1 ft	3390 mm	11.1 ft
850 mm (33") Shoes	3440 mm	11.3 ft	3440 mm	11.3 ft	3440 mm	11.3 ft
Bucket Type	GDC		GDC		SDV	
Bucket Capacity	2.27 m³	2.97 yd³	2.27 m³	2.97 yd³	2.41 m³	3.15 yd³
Bucket Tip Radius	1760 mm	5.8 ft	1760 mm	5.8 ft	1910 mm	6.3 ft

336 Hydraulic Excavator Specifications

Working Ranges and Forces

All dimensions are approximate and may vary depending on bucket selection.



Boom Options

Reach Boom 6.5 m (21'4")

Mass Boom 6.18 m (20'3")

Stick Options

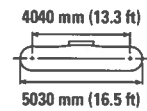
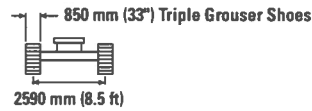
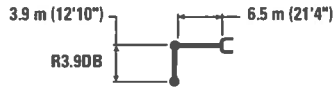
Reach Stick

Mass Stick

	R3.9DB (12'10")		R3.2DB (10'6")		M2.55TB (8'4")	
1 Maximum Digging Depth	8200 mm	26.9 ft	7500 mm	24.6 ft	6670 mm	21.9 ft
2 Maximum Reach at Ground Line	11 730 mm	38.5 ft	11 030 mm	36.2 ft	10 280 mm	33.7 ft
3 Maximum Cutting Height	10 740 mm	35.2 ft	10 320 mm	33.9 ft	9970 mm	32.7 ft
4 Maximum Loading Height	7490 mm	24.6 ft	7100 mm	23.3 ft	6600 mm	21.7 ft
5 Minimum Loading Height	1900 mm	6.2 ft	2600 mm	8.5 ft	2910 mm	9.5 ft
6 Maximum Depth Cut for 2440 mm (8'0") Level Bottom	8060 mm	26.4 ft	7340 mm	24.1 ft	6490 mm	21.3 ft
7 Maximum Vertical Wall Digging Depth	6360 mm	20.9 ft	5560 mm	18.2 ft	4480 mm	14.7 ft
Bucket Digging Force (ISO)	210 kN	47,160 lbf	210 kN	47,160 lbf	265 kN	59,570 lbf
Stick Digging Force (ISO)	144 kN	32,440 lbf	166 kN	37,300 lbf	191 kN	42,890 lbf
Bucket Type	GDC		GDC		SDV	
Bucket Capacity	2.27 m ³	2.97 yd ³	2.27 m ³	2.97 yd ³	2.41 m ³	3.15 yd ³
Bucket Tip Radius	1760 mm	5.8 ft	1760 mm	5.8 ft	1910 mm	6.3 ft

336 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 6.8 mt (14,991 lb) – without Bucket, Heavy Lift: On



		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				m ft	
																	
9.0 m 30.0 ft	kg lb														*6200 *13,800	*6200 *13,800	7.35 24.17
7.5 m 25.0 ft	kg lb									*7750 *17,050	*7750 *17,050				*5800 *12,750	*5800 *12,750	8.54 28.33
6.0 m 20.0 ft	kg lb									*8050 *17,600	7900 16,900	*7500 *14,450	5800 12,450		*5600 *12,350	5450 12,050	9.34 30.83
4.5 m 15.0 ft	kg lb							*9800 *21,250	*9800 *21,250		7650 16,400	*8250 *18,000	5700 12,250		*5650 *12,400	4900 10,850	9.84 32.50
3.0 m 10.0 ft	kg lb					*15 400 *33,100	*15 400 *33,100	*11 650 *25,200	10 150 21,900	*9800 *21,250	7300 15,750	8550 18,400	5550 11,900		*5800 *12,750	4600 10,150	10.10 33.33
1.5 m 5.0 ft	kg lb					*18 600 *40,050	14 450 31,100	*13 400 *28,950	9600 20,700	*10 800 *23,400	7000 15,100	8400 18,050	5400 11,550		*6150 *13,500	4500 9,900	10.13 33.33
0 m 0 ft	kg lb			*8250 *18,750	*8250 *18,750	*20 250 *43,800	13 850 29,750	*14 600 *31,650	9200 19,800	10 750 23,100	6750 14,550	8250 17,700	5250 11,250		*6700 *14,750	4550 10,050	9.93 32.50
-1.5 m -5.0 ft	kg lb	*8650 *19,250	*8650 *19,250	*12 900 *29,150	*12 900 *29,150	*20 500 *44,400	13 600 29,250	14 800 31,850	9000 19,350	10 600 22,750	6600 14,250	8150 17,550	5150 11,150		7600 16,700	4800 10,600	9.49 31.67
-3.0 m -10.0 ft	kg lb	*13 650 *30,550	*13 650 *30,550	*18 800 *42,550	*18 800 *42,550	*19 650 *42,500	13 600 29,250	*14 750 31,700	8950 19,250	10 550 22,700	6600 14,200				8500 18,800	5400 11,900	8.77 29.17
-4.5 m -15.0 ft	kg lb	*19 600 *44,050	*19 600 *44,050	*24 300 *52,400	*24 300 *52,400	*17 500 *37,750	13 800 29,750	*13 300 *28,500	9050 19,500	*10 000 *21,000	6700 14,550				*9550 *21,000	6500 14,550	7.69 25.00
-6.0 m -20.0 ft	kg lb					*13 400 *28,200	*13 400 *28,200	*9500 *28,200	9450						*9300 *20,400	9300 *20,400	6.06 20.00



ISO 10567



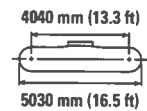
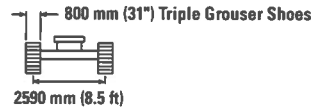
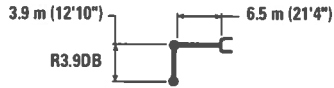
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with $\pm 5\%$ for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 6.8 mt (14,991 lb) – without Bucket, Heavy Lift: On



		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				
																m ft
9.0 m 30.0 ft	kg lb													*6200 *13,800	*6200 *13,800	7.35 24.17
7.5 m 25.0 ft	kg lb									*7750 *17,050	*7750 *17,050			*5800 *12,750	*5800 *12,750	8.54 28.33
6.0 m 20.0 ft	kg lb									*8050 *17,600	7850 16,850	*7500 *14,450	5800 12,350	*5600 *12,350	5400 12,000	9.34 30.83
4.5 m 15.0 ft	kg lb							*9800 *21,250	*9800 *21,250	*8800 *19,150	7600 16,350	*8250 *18,000	5700 12,200	*5650 *12,400	4900 10,750	9.84 32.50
3.0 m 10.0 ft	kg lb					*15 400 *33,100	*15 400 *33,100	*11 650 *25,200	10 100 21,800	*9800 *21,250	7300 15,650	8550 18,300	5500 11,850	*5800 *12,750	4600 10,100	10.10 33.33
1.5 m 5.0 ft	kg lb					*18 600 *40,050	14 400 30,950	*13 400 *28,950	9550 20,600	*10 800 *23,400	6950 15,000	8350 17,950	5350 11,500	*6150 *13,500	4500 9,850	10.13 33.33
0 m 0 ft	kg lb			*8250 *18,750	*8250 *18,750	*20 250 *43,800	13 750 29,600	*14 600 *31,650	9150 19,700	10 700 23,000	6750 14,500	8200 17,600	5200 11,200	*6700 *14,750	4550 10,000	9.93 32.50
-1.5 m -5.0 ft	kg lb	*8650 *19,250	*8650 *19,250	*12 900 *29,150	*12 900 *29,150	*20 500 *44,400	13 550 29,100	14 750 31,650	8950 19,250	10 550 22,650	6600 14,150	8100 17,450	5150 11,050	7550 16,650	4800 10,550	9.49 31.67
-3.0 m -10.0 ft	kg lb	*13 650 *30,550	*13 650 *30,550	*18 800 *42,550	*18 800 *42,550	*19 650 *42,500	13 550 29,100	14 700 31,550	8900 19,150	10 500 22,600	6550 14,100			8450 18,700	5350 11,850	8.77 29.17
-4.5 m -15.0 ft	kg lb	*19 600 *44,050	*19 600 *44,050	*24 300 *52,400	*24 300 *52,400	*17 500 *37,750	13 750 29,550	*13 300 *28,500	9000 19,400	*10 000 *21,000	6700 14,450			*9550 *21,000	6500 14,450	7.69 25.00
-6.0 m -20.0 ft	kg lb					*13 400 *28,200	*13 400 *28,200	*9500 20,900	9400					*9300 *20,400	9300 *20,400	6.06 20.00



ISO 10567



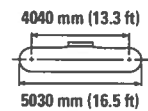
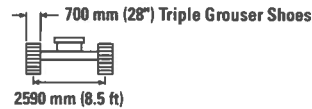
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 6.8 mt (14,991 lb) – without Bucket, Heavy Lift: On



		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				
															m ft	
9.0 m 30.0 ft	kg lb													*6200 *13,800	*6200 *13,800	7.35 24.17
7.5 m 25.0 ft	kg lb									*7750 *17,050	*7750 16,800			*5800 *12,750	*5800 *12,750	8.54 28.33
6.0 m 20.0 ft	kg lb									*8050 *17,600	7750 16,600	*7500 *14,450	5700 12,200	*5600 *12,350	5350 11,800	9.34 30.83
4.5 m 15.0 ft	kg lb							*9800 *21,250	*9800 *21,250	*8800 *19,150	7500 16,100	*8250 *18,000	5600 12,000	*5650 *12,400	4800 10,600	9.84 32.50
3.0 m 10.0 ft	kg lb					*15 400 *33,100	15 250 32,900	*11 650 *25,200	9950 21,450	*9800 *21,250	7150 15,450	8400 18,000	5450 11,650	*5800 *12,750	4500 9,950	10.10 33.33
1.5 m 5.0 ft	kg lb					*18 600 *40,050	14 150 30,500	*13 400 *28,950	9400 20,250	10 800 23,200	6850 14,750	8200 17,650	5250 11,300	*6150 *13,500	4400 9,650	10.13 33.33
0 m 0 ft	kg lb			*8250 *18,750	*8250 *18,750	*20 250 *43,800	13 550 29,150	*14 600 *31,650	9000 19,400	10 500 22,600	6600 14,250	8050 17,300	5100 11,000	*6700 *14,750	4450 9,800	9.93 32.50
-1.5 m -5.0 ft	kg lb	*8650 *19,250	*8650 *19,250	*12 900 *29,150	*12 900 *29,150	*20 500 *44,400	13 300 28,600	14 500 31,150	8800 18,900	10 350 22,250	6450 13,950	7950 17,150	5050 10,850	7400 16,350	4700 10,400	9.49 31.67
-3.0 m -10.0 ft	kg lb	*13 650 *30,550	*13 650 *30,550	*18 800 *42,550	*18 800 *42,550	*19 650 *42,500	13 300 28,650	14 450 31,000	8750 18,800	10 300 22,200	6450 13,850			8300 18,350	5250 11,650	8.77 29.17
-4.5 m -15.0 ft	kg lb	*19 600 *44,050	*19 600 *44,050	*24 300 *52,400	*24 300 *52,400	*17 500 *37,750	13 550 29,100	*13 300 *28,500	8850 19,100	*10 000 *21,000	6550 14,200			*9550 *21,000	6400 14,200	7.69 25.00
-6.0 m -20.0 ft	kg lb					*13 400 *28,200	*13 400 *28,200	*9500 9250						*9300 *20,400	9150 *20,400	6.06 20.00



ISO 10567



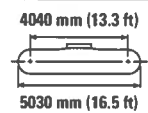
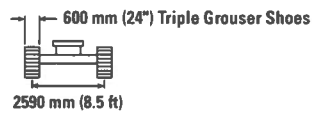
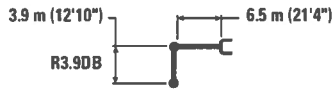
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Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 6.8 mt (14,991 lb) – without Bucket, Heavy Lift: On



		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft					
																m ft	
9.0 m 30.0 ft	kg lb														*6200 *13,800	*6200 *13,800	7.35 24.17
7.5 m 25.0 ft	kg lb									*7750 *17,050	*7750 16,700				*5800 *12,750	*5800 *12,750	8.54 28.33
6.0 m 20.0 ft	kg lb									*8050 *17,600	7650 16,450	*7500 *14,450	5650 12,050	*5600 *12,350	5300 11,700	9.34 30.83	
4.5 m 15.0 ft	kg lb							*9800 *21,250	*9800 *21,250	*8800 *19,150	7400 15,950	*8250 *18,000	5550 11,900	*5650 *12,400	4750 10,500	9.84 32.50	
3.0 m 10.0 ft	kg lb					*15 400 *33,100	15 150 32,650	*11 650 *25,200	9900 21,300	*9800 *21,250	7100 15,300	8300 17,850	5400 11,550	*5800 *12,750	4450 9,850	10.10 33.33	
1.5 m 5.0 ft	kg lb					*18 600 *40,050	14 050 30,250	*13 400 *28,950	9350 20,100	10 700 23,000	6800 14,650	8100 17,450	5200 11,200	*6150 *13,500	4350 9,600	10.13 33.33	
0 m 0 ft	kg lb			*8250 *18,750	*8250 *18,750	*20 250 *43,800	13 400 28,900	14 600 31,400	8900 19,200	10 400 22,400	6550 14,100	7950 17,150	5100 10,900	*6700 *14,750	4400 9,700	9.93 32.50	
-1.5 m -5.0 ft	kg lb	*8650 *19,250	*8650 *19,250	*12 900 *29,150	*12 900 *29,150	*20 500 *44,400	13 200 28,350	14 350 30,850	8700 18,750	10 250 22,050	6400 13,800	7900 17,000	5000 10,750	7350 16,200	4650 10,250	9.49 31.67	
-3.0 m -10.0 ft	kg lb	*13 650 *30,550	*13 650 *30,550	*18 800 *42,550	*18 800 *42,550	*19 650 *42,500	13 200 28,400	14 300 30,750	8650 18,650	10 200 22,000	6400 13,750			8200 18,200	5200 11,500	8.77 29.17	
-4.5 m -15.0 ft	kg lb	*19 600 *44,050	*19 600 *44,050	*24 300 *52,400	*24 300 *52,400	*17 500 *37,750	13 400 28,850	*13 300 *28,500	8800 18,950	*10 000 *21,000	6500 14,100			*9550 *21,000	6300 14,100	7.69 25.00	
-6.0 m -20.0 ft	kg lb					*13 400 *28,200	*13 400 *28,200	*9500 9150						*9300 *20,400	9050 *20,400	6.06 20.00	



ISO 10567



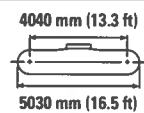
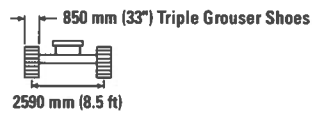
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Lift capacity stays with $\pm 5\%$ for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

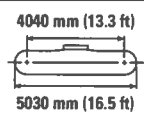
336 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 6.8 mt (14,991 lb) – without Bucket, Heavy Lift: On



		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				m ft
														
7.5 m 25.0 ft	kg lb							*8750 19,550	7800 16,650			*7400 16,300	*7400 16,300	7.70 25.00
6.0 m 20.0 ft	kg lb							*8950 19,550	7750 16,650			*7200 15,800	6200 13,800	8.58 28.33
4.5 m 15.0 ft	kg lb			*13 550 29,750	*13 550 29,750	*10 950 23,650	10 550 22,750	*9600 20,900	7550 16,200	*8500 18,350	5650 12,200	*7250 15,900	5500 12,200	9.13 30.00
3.0 m 10.0 ft	kg lb			*17 200 37,000	15 100 32,600	*12 650 27,400	10 000 21,550	*10 500 22,800	7250 15,650	8550 18,350	5550 11,900	*7500 16,500	5150 11,400	9.41 30.83
1.5 m 5.0 ft	kg lb			*19 850 42,800	14 200 30,600	*14 200 30,700	9500 20,500	11 000 23,650	7000 15,050	8400 18,050	5400 11,600	7850 17,250	5050 11,100	9.44 31.67
0 m 0 ft	kg lb			*20 700 44,850	13 800 29,700	15 050 32,350	9200 19,850	10 750 23,200	6800 14,650	8300 17,850	5300 11,400	8000 17,650	5150 11,300	9.22 30.83
-1.5 m -5.0 ft	kg lb	*14 100 31,850	*14 100 31,850	*20 300 44,050	13 750 29,550	14 900 32,000	9050 19,550	10 650 22,950	6700 14,450			8600 19,000	5500 12,100	8.75 29.17
-3.0 m -10.0 ft	kg lb	*22 200 50,250	*22 200 50,250	*18 850 40,800	13 850 29,750	*14 350 31,050	9100 19,600	10 700 23,100	6750 14,550			9900 21,900	6250 13,850	7.96 26.67
-4.5 m -15.0 ft	kg lb	*21 250 45,750	*21 250 45,750	*16 000 34,400	14 150 30,450	*12 150 25,800	9300 20,100					*10 250 22,550	8000 17,850	6.75 22.50

Reach Boom Lift Capacities – Counterweight: 6.8 mt (14,991 lb) – without Bucket, Heavy Lift: On



		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				
														m ft
7.5 m 25.0 ft	kg lb							*8750 19,550	7800 16,600			*7400 16,300	*7400 16,300	7.70 25.00
6.0 m 20.0 ft	kg lb							*8950 19,550	7700 16,600			*7200 15,800	6150 13,700	8.58 28.33
4.5 m 15.0 ft	kg lb			*13 550 29,750	*13 550 29,750	*10 950 23,650	10 500 22,650	*9600 20,900	7500 16,150	*8500 18,250	5650 11,800	*7250 15,900	5500 12,150	9.13 30.00
3.0 m 10.0 ft	kg lb			*17 200 37,000	15 050 32,450	*12 650 27,400	9950 21,450	*10 500 22,800	7200 15,550	8500 18,250	5500 11,800	*7500 16,500	5150 11,300	9.41 30.83
1.5 m 5.0 ft	kg lb			*19 850 42,800	14 150 30,450	*14 200 30,700	9450 20,400	10 950 23,500	6950 15,000	8350 17,950	5350 11,550	7800 17,150	5000 11,050	9.44 31.67
0 m 0 ft	kg lb			*20 700 44,850	13 750 29,550	15 000 32,200	9150 19,700	10 700 23,050	6750 14,550	8250 17,750	5300 11,350	7950 17,550	5100 11,250	9.22 30.83
-1.5 m -5.0 ft	kg lb	*14 100 31,850	*14 100 31,850	*20 300 44,050	13 650 29,400	14 800 31,850	9000 19,450	10 600 22,850	6650 14,350			8550 18,850	5450 12,050	8.75 29.17
-3.0 m -10.0 ft	kg lb	*22 200 50,250	*22 200 50,250	*18 850 40,800	13 750 29,600	*14 350 31,050	9050 19,500	10 650 22,950	6700 14,500			9850 21,750	6250 13,800	7.96 26.67
-4.5 m -15.0 ft	kg lb	*21 250 45,750	*21 250 45,750	*16 000 34,400	14 050 30,300	*12 150 25,800	9250 20,000					*10 250 22,550	7950 17,750	6.75 22.50



ISO 10567



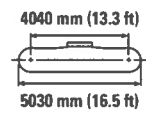
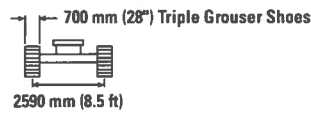
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Lift capacity stays with $\pm 5\%$ for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

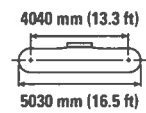
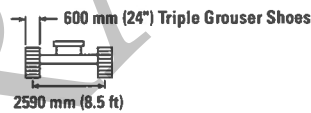
336 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 6.8 mt (14,991 lb) – without Bucket, Heavy Lift: On



		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				
														m ft
7.5 m 25.0 ft	kg lb							*8750 19,550	7700 16,350			*7400 16,300	7350 16,300	7.70 25.00
6.0 m 20.0 ft	kg lb							*8950 19,550	7600 16,350			*7200 15,800	6100 13,500	8.58 28.33
4.5 m 15.0 ft	kg lb			*13 550 30,000	*13 550 30,000	*10 950 23,650	10 350 22,300	*9600 20,900	7400 15,900	*8500 18,750	5550 12,350	*7250 15,900	5400 11,950	9.13 30.00
3.0 m 10.0 ft	kg lb			*17 200 37,000	14 800 31,950	*12 650 27,400	9800 21,150	*10 500 22,800	7100 15,300	8350 17,950	5400 11,650	*7500 16,500	5050 11,150	9.41 30.83
1.5 m 5.0 ft	kg lb			*19 850 42,800	13 900 30,000	*14 200 30,700	9300 20,100	10 750 23,150	6850 14,750	8200 17,650	5300 11,350	7650 16,850	4950 10,850	9.44 31.67
0 m 0 ft	kg lb			*20 700 44,850	13 550 29,100	14 750 31,650	9000 19,400	10 550 22,650	6650 14,300	8100 17,450	5200 11,150	7850 17,250	5000 11,050	9.22 30.83
-1.5 m -5.0 ft	kg lb	*14 100 31,850	*14 100 31,850	*20 300 44,050	13 450 28,900	14 550 31,300	8900 19,100	10 450 22,450	6550 14,150			8400 18,550	5350 11,800	8.75 29.17
-3.0 m -10.0 ft	kg lb	*22 200 50,250	*22 200 50,250	*18 850 40,800	13 550 29,150	*14 350 31,050	8900 19,200	10 500 22,550	6600 14,250			9650 21,400	6150 13,550	7.96 26.67
-4.5 m -15.0 ft	kg lb	*21 250 45,750	*21 250 45,750	*16 000 34,400	13 850 29,800	*12 150 25,800	9100 19,700					*10 250 22,550	7800 17,500	6.75 22.50

Reach Boom Lift Capacities – Counterweight: 6.8 mt (14,991 lb) – without Bucket, Heavy Lift: On



		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				m ft
														
7.5 m 25.0 ft	kg lb							*8750 19,550	7600 16,200			*7400 16,300	7250 16,300	7.70 25.00
6.0 m 20.0 ft	kg lb							*8950 19,550	7550 16,200			*7200 15,800	6050 13,400	8.58 28.33
4.5 m 15.0 ft	kg lb			*13 550 30,000	*13 550 30,000	*10 950 23,650	10 300 22,150	*9600 20,900	7350 15,750	8400 18,700	5500 12,300	*7250 15,900	5350 11,850	9.13 30.00
3.0 m 10.0 ft	kg lb			*17 200 37,000	14 700 31,700	*12 650 27,400	9700 20,950	*10 500 22,800	7050 15,200	8300 17,800	5350 11,500	*7500 16,500	5000 11,050	9.41 30.83
1.5 m 5.0 ft	kg lb			*19 850 42,800	13 800 29,700	*14 200 30,700	9250 19,900	10 650 22,900	6800 14,600	8150 17,500	5250 11,250	7600 16,700	4900 10,750	9.44 31.67
0 m 0 ft	kg lb			*20 700 44,850	13 400 28,850	14 600 31,350	8950 19,250	10 450 22,450	6600 14,200	8050 17,300	5150 11,050	7750 17,100	4950 10,950	9.22 30.83
-1.5 m -5.0 ft	kg lb	*14 100 31,850	*14 100 31,850	*20 300 44,050	13 350 28,650	14 450 31,000	8800 18,950	10 350 22,250	6500 14,000			8350 18,350	5300 11,700	8.75 29.17
-3.0 m -10.0 ft	kg lb	*22 200 50,250	*22 200 50,250	*18 850 40,800	13 450 28,900	*14 350 31,050	8800 19,000	10 400 22,350	6550 14,100			9550 21,200	6050 13,450	7.96 26.67
-4.5 m -15.0 ft	kg lb	*21 250 45,750	*21 250 45,750	*16 000 34,400	13 750 29,550	*12 150 25,800	9050 19,500					*10 250 22,550	7750 17,300	6.75 22.50



ISO 10567



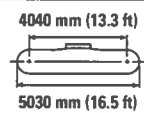
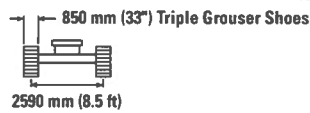
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Lift capacity stays with $\pm 5\%$ for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

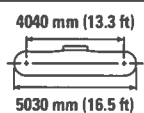
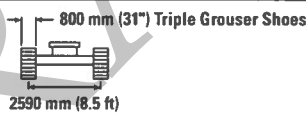
336 Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Counterweight: 6.8 mt (14,991 lb) – without Bucket, Heavy Lift: On



		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft			
7.5 m	kg					*10 150	*10 150			*9000	*9000
25.0 ft	lb					*22,350	*22,350			*19,900	*19,900
6.0 m	kg					*10 500	*10 500	*9800	7350	*8550	7150
20.0 ft	lb					*22,850	22,800			*18,850	15,950
4.5 m	kg			*14 650	*14 650	*11 650	10 150	*10 200	7150	*8550	6200
15.0 ft	lb			*31,550	*31,550	*25,250	21,850	*22,300	15,400	*18,800	13,650
3.0 m	kg			*18 000	14 500	*13 150	9600	*10 900	6900	*8900	5700
10.0 ft	lb			*38,650	31,300	*28,450	20,700	*23,550	14,900	*19,500	12,550
1.5 m	kg			*20 000	13 700	*14 350	9150	10 700	6700	8800	5550
5.0 ft	lb			*43,150	29,450	*31,050	19,650	23,000	14,350	19,350	12,150
0 m	kg			*20 200	13 400	14 750	8850	10 500	6500	9050	5700
0 ft	lb			*43,800	28,800	31,650	19,100	22,600	14,050	19,950	12,500
-1.5 m	kg	*17 800	*17 800	*19 200	13 400	*14 500	8800	10 500	6500	10 000	6200
-5.0 ft	lb	*40,400	*40,400	*41,600	28,800	*31,400	18,950	22,600	14,000	22,000	13,700
-3.0 m	kg	*22 000	*22 000	*16 950	13 650	*12 900	8950			*10 600	7450
-10.0 ft	lb	*47,800	*47,800	*36,600	29,300	*27,650	19,250			*23,350	16,550
-4.5 m	kg			*12 450	*12 450					*9850	*9850
-15.0 ft	lb			*26,300	*26,300					*21,500	*21,500

Mass Boom Lift Capacities – Counterweight: 6.8 mt (14,991 lb) – without Bucket, Heavy Lift: On



		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft			
7.5 m	kg					*10 150	*10 150			*9000	*9000
25.0 ft	lb					*22,350	*22,350			*19,900	*19,900
6.0 m	kg					*10 500	*10 500	*9800	7300	*8550	7150
20.0 ft	lb					*22,850	22,700			*18,850	15,900
4.5 m	kg			*14 650	*14 650	*11 650	10 100	*10 200	7150	*8550	6150
15.0 ft	lb			*31,550	*31,550	*25,250	21,750	*22,300	15,350	*18,800	13,600
3.0 m	kg			*18 000	14 450	*13 150	9550	*10 900	6900	*8900	5650
10.0 ft	lb			*38,650	31,150	*28,450	20,600	*23,450	14,800	*19,500	12,450
1.5 m	kg			*20 000	13 600	*14 350	9100	10 650	6650	8750	5500
5.0 ft	lb			*43,150	29,300	*31,050	19,550	22,850	14,300	19,250	12,100
0 m	kg			*20 200	13 350	14 650	8800	10 450	6500	9000	5650
0 ft	lb			*43,800	28,650	31,450	19,000	22,500	13,950	19,850	12,400
-1.5 m	kg	*17 800	*17 800	*19 200	13 350	*14 500	8750	10 450	6450	9950	6200
-5.0 ft	lb	*40,400	*40,400	*41,600	28,650	31,300	18,850	22,500	13,950	21,900	13,600
-3.0 m	kg	*22 000	*22 000	*16 950	13 550	*12 900	8900			*10 600	7400
-10.0 ft	lb	*47,800	*47,800	*36,600	29,150	*27,650	19,150			*23,350	16,450
-4.5 m	kg			*12 450	*12 450					*9850	*9850
-15.0 ft	lb			*26,300	*26,300					*21,500	*21,500



ISO 10567



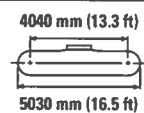
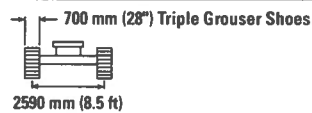
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Lift capacity stays with $\pm 5\%$ for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

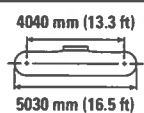
336 Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Counterweight: 6.8 mt (14,991 lb) – without Bucket, Heavy Lift: On



	3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				m ft
7.5 m 25.0 ft	kg lb				*10 150 *22,350	*10 150 *22,350			*9000 *19,900	*9000 *19,900	6.58 21.67
6.0 m 20.0 ft	kg lb				*10 500 *22,850	10 400 22,400	*9800 7200		*8550 *18,850	7000 15,650	7.60 25.00
4.5 m 15.0 ft	kg lb		*14 650 *31,550	*14 650 *31,550	*11 650 *25,250	9950 21,450	*10 200 *22,300	7050 15,100	*8550 *18,800	6050 13,400	8.21 27.50
3.0 m 10.0 ft	kg lb		*18 000 *38,650	14 200 30,700	*13 150 *28,450	9400 20,250	10 700 23,050	6750 14,550	8800 19,350	5550 12,250	8.52 28.33
1.5 m 5.0 ft	kg lb		*20 000 *43,150	13 400 28,850	*14 350 *31,050	8950 19,250	10 450 22,450	6550 14,050	8600 18,900	5400 11,900	8.55 28.33
0 m 0 ft	kg lb		*20 200 *43,800	13 100 28,200	14 400 30,950	8650 18,650	10 300 22,100	6350 13,700	8850 19,500	5550 12,200	8.31 27.50
-1.5 m -5.0 ft	kg lb	*17 800 *40,400	*17 800 *40,400	*19 200 *41,600	13 100 28,200	14 300 30,750	10 250 22,100	6350 13,700	9750 21,500	6050 13,400	7.78 25.83
-3.0 m -10.0 ft	kg lb	*22 000 *47,800	*22 000 *47,800	*16 950 *36,600	13 350 28,700	*12 900 *27,650			*10 600 *23,350	7300 16,200	6.88 22.50
-4.5 m -15.0 ft	kg lb			*12 450 *26,300	*12 450 *26,300				*9850 *21,500	*9850 *21,500	5.43 17.50

Mass Boom Lift Capacities – Counterweight: 6.8 mt (14,991 lb) – without Bucket, Heavy Lift: On



	3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				m ft
7.5 m 25.0 ft	kg lb				*10 150 *22,350	*10 150 *22,350			*9000 *19,900	8950 *19,900	6.58 21.67
6.0 m 20.0 ft	kg lb				*10 500 *22,850	10 350 22,250	*9800 7100		*8550 *18,850	6950 15,500	7.60 25.00
4.5 m 15.0 ft	kg lb		*14 650 *31,550	*14 650 *31,550	*11 650 *25,250	9850 21,250	*10 200 *22,300	6950 14,950	*8550 *18,800	6000 13,250	8.21 27.50
3.0 m 10.0 ft	kg lb		*18 000 *38,650	14 100 30,450	*13 150 *28,450	9300 20,100	10 600 22,850	6700 14,450	8700 19,150	5500 12,150	8.52 28.33
1.5 m 5.0 ft	kg lb		*20 000 *43,150	13 250 28,600	*14 350 *31,050	8850 19,100	10 350 22,250	6450 13,900	8500 18,700	5350 11,750	8.55 28.33
0 m 0 ft	kg lb		*20 200 *43,800	13 000 27,950	14 250 30,650	8600 18,500	10 200 21,900	6300 13,600	8800 19,300	5500 12,100	8.31 27.50
-1.5 m -5.0 ft	kg lb	*17 800 *40,400	*17 800 *40,400	*19 200 *41,600	13 000 27,950	14 200 30,500	10 150 21,900	6300 13,550	9650 21,300	6000 13,250	7.78 25.83
-3.0 m -10.0 ft	kg lb	*22 000 *47,800	*22 000 *47,800	*16 950 *36,600	13 200 28,400	*12 900 *27,650			*10 600 *23,350	7250 16,050	6.88 22.50
-4.5 m -15.0 ft	kg lb			*12 450 *26,300	*12 450 *26,300				*9850 *21,500	*9850 *21,500	5.43 17.50



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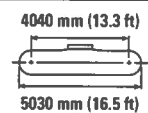
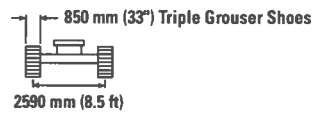
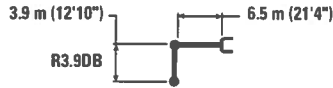
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Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 7.56 mt (16,667 lb) – without Bucket, Heavy Lift: On



		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft					
																m ft	
9.0 m 30.0 ft	kg lb														*6200 *13,800	*6200 *13,800	7.35 24.17
7.5 m 25.0 ft	kg lb									*7750 *17,050	*7750 *17,050				*5800 *12,750	*5800 *12,750	8.54 28.33
6.0 m 20.0 ft	kg lb									*8050 *17,600	*8050 *17,600	*7500 *14,450	6150 13,200		*5600 *12,350	*5600 *12,350	9.34 30.83
4.5 m 15.0 ft	kg lb							*9800 *21,250	*9800 *21,250	*8800 *19,150	8050 17,350	*8250 *18,000	6050 13,000		*5650 *12,400	5200 11,550	9.84 32.50
3.0 m 10.0 ft	kg lb					*15 400 *33,100	*15 400 *33,100	*11 650 *25,200	10 750 23,150	*9800 *21,250	7750 16,700	*8750 *19,050	5900 12,700		*5800 *12,750	4900 10,850	10.10 33.33
1.5 m 5.0 ft	kg lb					*18 600 *40,050	15 300 33,000	*13 400 *28,950	10 200 21,950	*10 800 *23,400	7450 16,050	8850 19,000	5750 12,350		*6150 *13,500	4800 10,600	10.13 33.33
0 m 0 ft	kg lb			*8250 *18,750	*8250 *18,750	*20 250 *43,800	14 700 31,600	*14 600 *31,650	9800 21,050	11 300 24,350	7200 15,500	8700 18,650	5600 12,050		*6700 *14,750	4900 10,700	9.93 32.50
-1.5 m -5.0 ft	kg lb	*8650 *19,250	*8650 *19,250	*12 900 *29,150	*12 900 *29,150	*20 500 *44,400	14 450 31,100	*15 100 *32,650	9550 20,600	11 150 24,000	7050 15,200	8600 18,500	5500 11,900		*7600 *16,800	5150 11,350	9.49 31.67
-3.0 m -10.0 ft	kg lb	*13 650 *30,550	*13 650 *30,550	*18 800 *42,550	*18 800 *42,550	*19 650 *42,500	14 450 31,100	*14 750 *31,850	9500 20,500	11 100 23,900	7050 15,150				8950 19,800	5750 12,700	8.77 29.17
-4.5 m -15.0 ft	kg lb	*19 600 *44,050	*19 600 *44,050	*24 300 *52,400	*24 300 *52,400	*17 500 *37,750	14 700 31,600	*13 300 *28,500	9650 20,800	*10 000 *21,000	7150 15,500				*9550 *21,000	6950 15,500	7.69 25.00
-6.0 m -20.0 ft	kg lb					*13 400 *28,200	*13 400 *28,200	*9500 *9500							*9300 *20,400	*9300 *20,400	6.06 20.00



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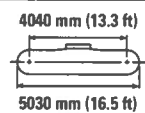
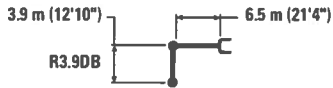
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Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 7.56 mt (16,667 lb) – without Bucket, Heavy Lift: On



		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				m ft
																
9.0 m 30.0 ft	kg lb													*6200 *13,800	*6200 *13,800	7.35 24.17
7.5 m 25.0 ft	kg lb									*7750 *17,050	*7750 *17,050			*5800 *12,750	*5800 *12,750	8.54 28.33
6.0 m 20.0 ft	kg lb									*8050 *17,600	*8050 *17,600	*7500 13,150	6150	*5600 *12,350	*5600 *12,350	9.34 30.83
4.5 m 15.0 ft	kg lb							*9800 *21,250	*9800 *21,250	*8800 *19,150	8050 17,300	*8250 *18,000	6050 12,950	*5650 *12,400	5200 11,450	9.84 32.50
3.0 m 10.0 ft	kg lb					*15 400 *33,100	*15 400 *33,100	*11 650 *25,200	10 700 23,050	*9800 *21,250	7700 16,600	*8750 *19,050	5850 12,600	*5800 *12,750	4900 10,800	10.10 33.33
1.5 m 5.0 ft	kg lb					*18 600 *40,050	15 250 32,850	*13 400 *28,950	10 150 21,850	*10 800 *23,400	7400 15,950	8800 18,900	5700 12,250	*6150 *13,500	4800 10,500	10.13 33.33
0 m 0 ft	kg lb			*8250 *18,750	*8250 *18,750	*20 250 *43,800	14 600 31,450	*14 600 *31,650	9750 20,950	11 250 24,200	7150 15,450	8650 18,550	5550 11,950	*6700 *14,750	4850 10,650	9.93 32.50
-1.5 m -5.0 ft	kg lb	*8650 *19,250	*8650 *19,250	*12 900 *29,150	*12 900 *29,150	*20 500 *44,400	14 400 30,950	*15 100 *32,650	9500 20,500	11 100 23,850	7000 15,100	8550 18,400	5500 11,850	*7600 *16,800	5150 11,300	9.49 31.67
-3.0 m -10.0 ft	kg lb	*13 650 *30,550	*13 650 *30,550	*18 800 *42,550	*18 800 *42,550	*19 650 *42,500	14 400 30,950	*14 750 *31,850	9450 20,400	11 050 23,800	7000 15,050			8900 19,700	5700 12,650	8.77 29.17
-4.5 m -15.0 ft	kg lb	*19 600 *44,050	*19 600 *44,050	*24 300 *52,400	*24 300 *52,400	*17 500 *37,750	14 600 31,450	*13 300 *28,500	9600 20,700	*10 000 *21,000	7100 15,400			*9550 *21,000	6900 15,400	7.69 25.00
-6.0 m -20.0 ft	kg lb					*13 400 *28,200	*13 400 *28,200	*9500 *9500						*9300 *20,400	*9300 *20,400	6.06 20.00



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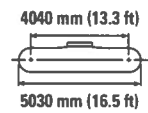
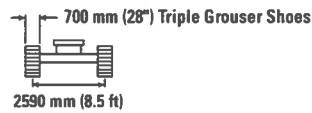
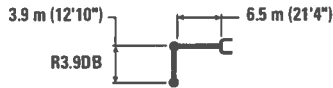
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Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 7.56 mt (16,667 lb) – without Bucket, Heavy Lift: On



		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				m ft	
																	
9.0 m 30.0 ft	kg lb														*6200 *13,800	*6200 *13,800	7.35 24.17
7.5 m 25.0 ft	kg lb									*7750 *17,050	*7750 *17,050				*5800 *12,750	*5800 *12,750	8.54 28.33
6.0 m 20.0 ft	kg lb									*8050 *17,600	*8050 17,550	*7500 *14,450	6050 12,950		*5600 *12,350	*5600 *12,350	9.34 30.83
4.5 m 15.0 ft	kg lb								*9800 *21,250	*9800 *21,250	*8800 *19,150	7900 17,050	*8250 *18,000	5950 12,750	*5650 *12,400	5100 11,300	9.84 32.50
3.0 m 10.0 ft	kg lb						*15 400 *33,100	*15 400 *33,100	*11 650 *25,200	10 550 22,750	*9800 *21,250	7600 16,400	*8750 18,950	5800 12,450	*5800 *12,750	4800 10,600	10.10 33.33
1.5 m 5.0 ft	kg lb						*18 600 *40,050	15 000 32,350	*13 400 *28,950	10 000 21,550	*10 800 *23,400	7300 15,700	8650 18,600	5600 12,050	*6150 *13,500	4700 10,350	10.13 33.33
0 m 0 ft	kg lb				*8250 *18,750	*8250 *18,750	*20 250 *43,800	14 400 31,000	*14 600 *31,650	9600 20,650	11 050 23,800	7050 15,200	8500 18,250	5500 11,800	*6700 *14,750	4750 10,500	9.93 32.50
-1.5 m -5.0 ft	kg lb		*8650 *19,250	*8650 *19,250	*12 900 *29,150	*12 900 *29,150	*20 500 *44,400	14 150 30,500	*15 100 *32,650	9350 20,200	10 900 23,450	6900 14,850	8400 18,100	5400 11,650	*7600 *16,800	5050 11,100	9.49 31.67
-3.0 m -10.0 ft	kg lb		*13 650 *30,550	*13 650 *30,550	*18 800 *42,550	*18 800 *42,550	*19 650 *42,500	14 200 30,500	*14 750 *31,850	9300 20,100	10 900 23,400	6900 14,800			8750 19,350	5650 12,450	8.77 29.17
-4.5 m -15.0 ft	kg lb		*19 600 *44,050	*19 600 *44,050	*24 300 *52,400	*24 300 *52,400	*17 500 *37,750	14 400 30,950	*13 300 *28,500	9450 20,350	*10 000 *21,000	7000 15,150			*9550 *21,000	6800 15,150	7.69 25.00
-6.0 m -20.0 ft	kg lb						*13 400 *28,200	*13 400 *28,200	*9500 *9500						*9300 *20,400	*9300 *20,400	6.06 20.00



ISO 10567



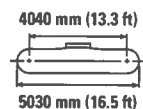
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Lift capacity stays with $\pm 5\%$ for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 7.56 mt (16,667 lb) – without Bucket, Heavy Lift: On



		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft					
																m ft	
9.0 m 30.0 ft	kg lb														*6200 *13,800	*6200 *13,800	7.35 24.17
7.5 m 25.0 ft	kg lb									*7750 *17,050	*7750 *17,050				*5800 *12,750	*5800 *12,750	8.54 28.33
6.0 m 20.0 ft	kg lb									*8050 *17,600	*8050 17,400	*7500 *14,450	6000 12,850	*5600 *12,350	*5600 *12,350	*5600 *12,350	9.34 30.83
4.5 m 15.0 ft	kg lb							*9800 *21,250	*9800 *21,250	*8800 *19,150	7850 16,900	*8250 *18,000	5900 12,650	*5650 *12,400	5050 11,200	5050 11,200	9.84 32.50
3.0 m 10.0 ft	kg lb					*15 400 *33,100	*15 400 *33,100	*11 650 *25,200	10 450 22,550	*9800 *21,250	7550 16,250	*8750 18,800	5750 12,300	*5800 *12,750	4750 10,500	4750 10,500	10.10 33.33
1.5 m 5.0 ft	kg lb					*18 600 *40,050	14 900 32,100	*13 400 *28,950	9900 21,350	*10 800 *23,400	7250 15,600	8550 18,400	5550 11,950	*6150 *13,500	4650 10,250	4650 10,250	10.13 33.33
0 m 0 ft	kg lb			*8250 *18,750	*8250 *18,750	*20 250 *43,800	14 300 30,750	*14 600 *31,650	9500 20,450	10 950 23,600	7000 15,050	8400 18,100	5450 11,650	*6700 *14,750	4750 10,400	4750 10,400	9.93 32.50
-1.5 m -5.0 ft	kg lb	*8650 *19,250	*8650 *19,250	*12 900 *29,150	*12 900 *29,150	*20 500 *44,400	14 050 30,200	*15 100 *32,500	9300 20,000	10 800 23,250	6850 14,750	8350 17,950	5350 11,550	*7600 *16,800	5000 11,000	5000 11,000	9.49 31.67
-3.0 m -10.0 ft	kg lb	*13 650 *30,550	*13 650 *30,550	*18 800 *42,550	*18 800 *42,550	*19 650 *42,500	14 050 30,250	*14 750 *31,850	9250 19,900	10 800 23,200	6800 14,700			8700 19,200	5600 12,300	5600 12,300	8.77 29.17
-4.5 m -15.0 ft	kg lb	*19 600 *44,050	*19 600 *44,050	*24 300 *52,400	*24 300 *52,400	*17 500 *37,750	14 250 30,700	*13 300 *28,500	9350 20,200	*10 000 *21,000	6950 15,050			*9550 *21,000	6750 15,050	6750 15,050	7.69 25.00
-6.0 m -20.0 ft	kg lb					*13 400 *28,200	*13 400 *28,200	*9500 *9500						*9300 *20,400	*9300 *20,400	*9300 *20,400	6.06 20.00



ISO 10567



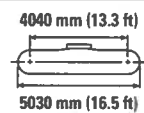
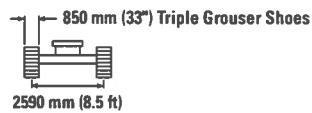
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

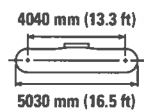
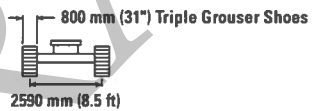
336 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 7.56 mt (16,667 lb) – without Bucket, Heavy Lift: On



		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				
														m ft
7.5 m 25.0 ft	kg lb							*8750 19,550	8250 17,600			*7400 16,300	*7400 16,300	7.70 25.00
6.0 m 20.0 ft	kg lb							*8950 19,550	8200 17,600			*7200 15,800	6600 14,600	8.58 28.33
4.5 m 15.0 ft	kg lb			*13 550 29,900	*13 550 29,900	*10 950 23,650	*10 950 23,650	*9600 20,900	8000 17,150	*8500 18,800	6000 12,200	*7250 15,900	5850 12,950	9.13 30.00
3.0 m 10.0 ft	kg lb			*17 200 37,000	15 950 34,450	*12 650 27,400	10 600 22,800	*10 500 22,800	7700 16,600	9000 19,300	5900 12,650	*7500 16,500	5500 12,100	9.41 30.83
1.5 m 5.0 ft	kg lb			*19 850 42,800	15 050 32,450	*14 200 30,700	10 100 21,750	*11 350 24,600	7450 16,000	8850 19,000	5750 12,350	*8050 17,650	5350 11,800	9.44 31.67
0 m 0 ft	kg lb			*20 700 44,850	14 700 31,600	*15 100 32,650	9800 21,100	11 350 24,400	7250 15,600	8750 18,800	5650 12,200	8450 18,600	5500 12,050	9.22 30.83
-1.5 m -5.0 ft	kg lb	*14 100 31,850	*14 100 31,850	*20 300 44,050	14 600 31,400	*15 200 32,850	9650 20,800	11 250 24,150	7150 15,400			9050 20,000	5850 12,900	8.75 29.17
-3.0 m -10.0 ft	kg lb	*22 200 50,250	*22 200 50,250	*18 850 40,800	14 700 31,650	*14 350 31,050	9700 20,850	*11 150 23,850	7200 15,500			*10 200 22,450	6650 14,750	7.96 26.67
-4.5 m -15.0 ft	kg lb	*21 250 45,750	*21 250 45,750	*16 000 34,400	15 000 32,300	*12 150 25,800	9900 21,350					*10 250 22,550	8500 18,950	6.75 22.50

Reach Boom Lift Capacities – Counterweight: 7.56 mt (16,667 lb) – without Bucket, Heavy Lift: On



		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				
														m ft
7.5 m 25.0 ft	kg lb							*8750 19,550	8250 17,550			*7400 16,300	*7400 16,300	7.70 25.00
6.0 m 20.0 ft	kg lb							*8950 19,550	8150 17,550			*7200 15,800	6550 14,550	8.58 28.33
4.5 m 15.0 ft	kg lb			*13 550 29,900	*13 550 29,900	*10 950 23,650	*10 950 23,650	*9600 20,900	7950 17,100	*8500 18,800	6000 12,200	*7250 15,900	5850 12,900	9.13 30.00
3.0 m 10.0 ft	kg lb			*17 200 37,000	15 900 34,300	*12 650 27,400	10 550 22,700	*10 500 22,800	7650 16,500	8950 19,200	5850 12,600	*7500 16,500	5450 12,050	9.41 30.83
1.5 m 5.0 ft	kg lb			*19 850 42,800	15 000 32,300	*14 200 30,700	10 050 21,650	*11 350 24,600	7400 15,950	8800 18,900	5700 12,300	*8050 17,650	5350 11,750	9.44 31.67
0 m 0 ft	kg lb			*20 700 44,850	14 600 31,450	*15 100 32,650	9750 21,000	11 300 24,250	7200 15,500	8700 18,700	5650 12,100	8400 18,500	5450 12,000	9.22 30.83
-1.5 m -5.0 ft	kg lb	*14 100 31,850	*14 100 31,850	*20 300 44,050	14 550 31,250	*15 200 32,850	9600 20,700	11 200 24,050	7100 15,300			9000 19,900	5800 12,850	8.75 29.17
-3.0 m -10.0 ft	kg lb	*22 200 50,250	*22 200 50,250	*18 850 40,800	14 650 31,500	*14 350 31,050	9650 20,750	*11 150 23,850	7150 15,400			*10 200 22,450	6650 14,700	7.96 26.67
-4.5 m -15.0 ft	kg lb	*21 250 45,750	*21 250 45,750	*16 000 34,400	14 950 32,150	*12 150 25,800	9850 21,250					*10 250 22,550	8450 18,900	6.75 22.50



ISO 10567



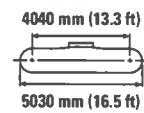
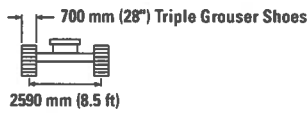
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with $\pm 5\%$ for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

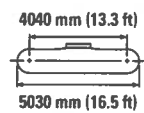
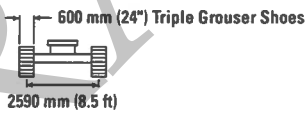
336 Hydraulic Excavator Specifications

Reach Boom Lift Capacities – Counterweight: 7.56 mt (16,667 lb) – without Bucket, Heavy Lift: On



	3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				m ft
7.5 m 25.0 ft	kg						*8750	8100			*7400	*7400	7.70
	lb										*16,300	*16,300	25.00
6.0 m 20.0 ft	kg						*8950	8050			*7200	6450	8.58
	lb						*19,550	17,300			*15,800	14,350	28.33
4.5 m 15.0 ft	kg		*13 550	*13 550	*10 950	*10 950	*9600	7850	*8500	5900	*7250	5750	9.13
	lb				*23,650	*23,600	*20,900	16,850			*15,900	12,700	30.00
3.0 m 10.0 ft	kg		*17 200	15 700	*12 650	10 400	*10 500	7550	8800	5750	*7500	5400	9.41
	lb		*37,000	33,850	*27,400	22,400	*22,800	16,250	18,900	12,400	*16,500	11,850	30.83
1.5 m 5.0 ft	kg		*19 850	14 800	*14 200	9900	11 300	7300	8650	5650	*8050	5250	9.44
	lb		*42,800	31,850	*30,700	21,350	24,350	15,700	18,600	12,100	*17,650	11,600	31.67
0 m 0 ft	kg		*20 700	14 400	*15 100	9600	11 100	7100	8550	5550	8250	5350	9.22
	lb		*44,850	30,950	*32,650	20,650	23,900	15,250	18,400	11,900	18,200	11,800	30.83
-1.5 m -5.0 ft	kg	*14 100	*14 100	*20 300	14 300	*15 200	9450	11 000	7000		8850	5750	8.75
	lb	*31,850	*31,850	*44,050	30,750	*32,850	20,350	23,650	15,100		19,550	12,650	29.17
-3.0 m -10.0 ft	kg	*22 200	*22 200	*18 850	14 400	*14 350	9500	11 050	7050		10 200	6550	7.96
	lb	*50,250	*50,250	*40,800	31,000	*31,050	20,450	23,800	15,200		*22,450	14,450	26.67
-4.5 m -15.0 ft	kg	*21 250	*21 250	*16 000	14 700	*12 150	9700				*10 250	8300	6.75
	lb	*45,750	*45,750	*34,400	31,650	*25,800	20,950				*22,550	18,600	22.50

Reach Boom Lift Capacities – Counterweight: 7.56 mt (16,667 lb) – without Bucket, Heavy Lift: On



	3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				m ft
7.5 m 25.0 ft	kg						*8750	8050			*7400	*7400	7.70
	lb										*16,300	*16,300	25.00
6.0 m 20.0 ft	kg						*8950	8000			*7200	6400	8.58
	lb						*19,550	17,150			*15,800	14,200	28.33
4.5 m 15.0 ft	kg		*13 550	*13 550	*10 950	10 850	*9600	7750	*8500	5850	*7250	5700	9.13
	lb				*23,650	23,400	*20,900	16,700			*15,900	12,600	30.00
3.0 m 10.0 ft	kg		*17 200	15 550	*12 650	10 300	*10 500	7500	8700	5700	*7500	5350	9.41
	lb		*37,000	33,600	*27,400	22,200	*22,800	16,150	18,750	12,300	*16,500	11,750	30.83
1.5 m 5.0 ft	kg		*19 850	14 650	*14 200	9800	11 200	7200	8550	5600	8000	5200	9.44
	lb		*42,800	31,600	*30,700	21,150	24,150	15,550	18,450	12,000	17,600	11,450	31.67
0 m 0 ft	kg		*20 700	14 250	*15 100	9500	11 000	7050	8450	5500	8200	5300	9.22
	lb		*44,850	30,700	*32,650	20,500	23,650	15,150	18,250	11,800	18,000	11,700	30.83
-1.5 m -5.0 ft	kg	*14 100	*14 100	*20 300	14 200	*15 200	9400	10 900	6950		8800	5700	8.75
	lb	*31,850	*31,850	*44,050	30,500	*32,700	20,200	23,450	14,950		19,400	12,500	29.17
-3.0 m -10.0 ft	kg	*22 200	*22 200	*18 850	14 300	*14 350	9400	10 950	7000		10 100	6500	7.96
	lb	*50,250	*50,250	*40,800	30,750	*31,050	20,250	23,550	15,050		22,350	14,350	26.67
-4.5 m -15.0 ft	kg	*21 250	*21 250	*16 000	14 600	*12 150	9600				*10 250	8250	6.75
	lb	*45,750	*45,750	*34,400	31,400	*25,800	20,750				*22,550	18,450	22.50



ISO 10567



* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336 Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Counterweight: 7.56 mt (16,667 lb) – without Bucket, Heavy Lift: On

2.55 m (8'4") 6.18 m (20'3")

M2.55TB



850 mm (33") Triple Grouser Shoes



4040 mm (13.3 ft)



		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
												m ft
7.5 m	kg					*10 150	*10 150			*9000	*9000	6.58
25.0 ft	lb					*22,350	*22,350			*19,900	*19,900	21.67
6.0 m	kg					*10 500	*10 500	*9800	7750	*8550	7600	7.60
20.0 ft	lb					*22,850	*22,850			*18,850	16,950	25.00
4.5 m	kg			*14 650	*14 650	*11 650	10 750	*10 200	7600	*8550	6550	8.21
15.0 ft	lb			*31,550	*31,550	*25,250	23,100	*22,300	16,350	*18,800	14,550	27.50
3.0 m	kg			*18 000	15 350	*13 150	10 200	*10 900	7350	*8900	6050	8.52
10.0 ft	lb			*38,650	33,150	*28,450	21,950	*23,650	15,850	*19,500	13,350	28.33
1.5 m	kg			*20 000	14 550	*14 350	9700	11 250	7100	9250	5900	8.55
5.0 ft	lb			*43,150	31,300	*31,050	20,950	24,200	15,300	20,400	13,000	28.33
0 m	kg			*20 200	14 250	*14 900	9450	11 050	6950	9550	6050	8.31
0 ft	lb			*43,800	30,650	*32,250	20,350	23,850	15,000	21,050	13,350	27.50
-1.5 m	kg	*17 800	*17 800	*19 200	14 250	*14 500	9350	11 050	6950	10 500	6650	7.78
-5.0 ft	lb	*40,400	*40,400	*41,600	30,700	*31,400	20,200	23,800	14,950	23,200	14,600	25.83
-3.0 m	kg	*22 000	*22 000	*16 950	14 500	*12 900	9500			*10 600	7950	6.88
-10.0 ft	lb	*47,800	*47,800	*36,600	31,150	*27,650	20,500			*23,350	17,650	22.50
-4.5 m	kg			*12 450	*12 450					*9850	*9850	5.43
-15.0 ft	lb			*26,300	*26,300					*21,500	*21,500	17.50

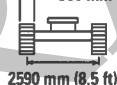
Mass Boom Lift Capacities – Counterweight: 7.56 mt (16,667 lb) – without Bucket, Heavy Lift: On

2.55 m (8'4") 6.18 m (20'3")

M2.55TB



800 mm (31") Triple Grouser Shoes



4040 mm (13.3 ft)



		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				
												m ft
7.5 m	kg					*10 150	*10 150			*9000	*9000	6.58
25.0 ft	lb					*22,350	*22,350			*19,900	*19,900	21.67
6.0 m	kg					*10 500	*10 500	*9800	7750	*8550	7550	7.60
20.0 ft	lb					*22,850	*22,850			*18,850	16,850	25.00
4.5 m	kg			*14 650	*14 650	*11 650	10 700	*10 200	7600	*8550	6550	8.21
15.0 ft	lb			*31,550	*31,550	*25,250	23,000	*22,300	16,300	*18,800	14,450	27.50
3.0 m	kg			*18 000	15 300	*13 150	10 150	*10 900	7300	*8900	6050	8.52
10.0 ft	lb			*38,650	33,000	*28,450	21,850	*23,650	15,750	*19,500	13,300	28.33
1.5 m	kg			*20 000	14 450	*14 350	9650	11 200	7100	9200	5850	8.55
5.0 ft	lb			*43,150	31,150	*31,050	20,850	24,100	15,250	20,300	12,900	28.33
0 m	kg			*20 200	14 200	*14 900	9400	11 000	6900	9500	6050	8.31
0 ft	lb			*43,800	30,500	*32,250	20,250	23,700	14,900	20,950	13,250	27.50
-1.5 m	kg	*17 800	*17 800	*19 200	14 200	*14 500	9350	11 000	6900	10 450	6600	7.78
-5.0 ft	lb	*40,400	*40,400	*41,600	30,550	*31,400	20,100	23,700	14,900	23,100	14,550	25.83
-3.0 m	kg	*22 000	*22 000	*16 950	14 400	*12 900	9450			*10 600	7900	6.88
-10.0 ft	lb	*47,800	*47,800	*36,600	31,000	*27,650	20,400			*23,350	17,550	22.50
-4.5 m	kg			*12 450	*12 450					*9850	*9850	5.43
-15.0 ft	lb			*26,300	*26,300					*21,500	*21,500	17.50



ISO 10567



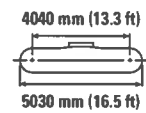
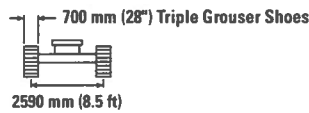
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Lift capacity stays with $\pm 5\%$ for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

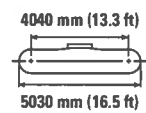
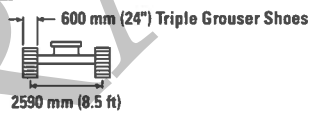
336 Hydraulic Excavator Specifications

Mass Boom Lift Capacities – Counterweight: 7.56 mt (16,667 lb) – without Bucket, Heavy Lift: On



	3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				m ft
											
7.5 m 25.0 ft	kg lb				*10 150 *22,350	*10 150 *22,350			*9000 *19,900	*9000 *19,900	6.58 21.67
6.0 m 20.0 ft	kg lb				*10 500 *22,850	*10 500 *22,850	*9800 7600		*8550 *18,850	7450 16,600	7.60 25.00
4.5 m 15.0 ft	kg lb		*14 650 *31,550	*14 650 *31,550	*11 650 *25,250	10 550 22,700	*10 200 *22,300	7450 16,050	*8550 *18,800	6450 14,250	8.21 27.50
3.0 m 10.0 ft	kg lb		*18 000 *38,650	15 100 32,550	*13 150 *28,450	10 000 21,500	*10 900 *23,650	7200 15,500	*8900 *19,500	5950 13,100	8.52 28.33
1.5 m 5.0 ft	kg lb		*20 000 *43,150	14 250 30,700	*14 350 *31,050	9500 20,500	11 000 23,700	6950 15,000	9050 19,950	5800 12,700	8.55 28.33
0 m 0 ft	kg lb		*20 200 *43,800	13 950 30,050	*14 900 *32,250	9250 19,900	10 850 23,300	6800 14,650	9350 20,600	5950 13,050	8.31 27.50
-1.5 m -5.0 ft	kg lb	*17 800 *40,400	*17 800 *40,400	*19 200 *41,600	14 000 30,050	*14 500 *31,400	9200 19,750	10 800 23,300	6800 14,650	10 300 22,700	7.78 25.83
-3.0 m -10.0 ft	kg lb	*22 000 *47,800	*22 000 *47,800	*16 950 *36,600	14 200 30,550	*12 900 *27,650	9300 20,100		*10 600 *23,350	7800 17,250	6.88 22.50
-4.5 m -15.0 ft	kg lb			*12 450 *26,300	*12 450 *26,300				*9850 *21,500	*9850 *21,500	5.43 17.50

Mass Boom Lift Capacities – Counterweight: 7.56 mt (16,667 lb) – without Bucket, Heavy Lift: On



	3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft				m ft
											
7.5 m 25.0 ft	kg lb				*10 150 *22,350	*10 150 *22,350			*9000 *19,900	*9000 *19,900	6.58 21.67
6.0 m 20.0 ft	kg lb				*10 500 *22,850	*10 500 *22,850	*9800 7550		*8550 *18,850	7400 16,500	7.60 25.00
4.5 m 15.0 ft	kg lb		*14 650 *31,550	*14 650 *31,550	*11 650 *25,250	10 450 22,550	*10 200 *22,300	7400 15,900	*8550 *18,800	6400 14,150	8.21 27.50
3.0 m 10.0 ft	kg lb		*18 000 *38,650	14 950 32,300	*13 150 *28,450	9900 21,350	*10 900 *23,650	7150 15,400	*8900 *19,500	5900 12,950	8.52 28.33
1.5 m 5.0 ft	kg lb		*20 000 *43,150	14 150 30,450	*14 350 *31,050	9450 20,350	10 900 23,500	6900 14,850	9000 19,750	5750 12,600	8.55 28.33
0 m 0 ft	kg lb		*20 200 *43,800	13 850 29,800	*14 900 *32,250	9150 19,750	10 750 23,100	6750 14,550	9250 20,400	5900 12,950	8.31 27.50
-1.5 m -5.0 ft	kg lb	*17 800 *40,400	*17 800 *40,400	*19 200 *41,600	13 850 29,800	*14 500 *31,400	9100 19,600	10 700 23,100	6750 14,500	10 200 22,500	7.78 25.83
-3.0 m -10.0 ft	kg lb	*22 000 *47,800	*22 000 *47,800	*16 950 *36,600	14 100 30,300	*12 900 *27,650	9250 19,900		*10 600 *23,350	7700 17,100	6.88 22.50
-4.5 m -15.0 ft	kg lb			*12 450 *26,300	*12 450 *26,300				*9850 *21,500	*9850 *21,500	5.43 17.50



ISO 10567



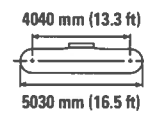
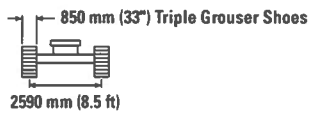
* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with $\pm 5\%$ for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336 Hydraulic Excavator Specifications

HD Reach Boom Lift Capacities – Counterweight: 7.56 mt (16,667 lb) – without Bucket, Heavy Lift: On



		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				m ft
9.0 m	kg													*6150	*6150	7.35
30.0 ft	lb													*13,650	*13,650	24.17
7.5 m	kg									*7600	*7600			*5700	*5700	8.54
25.0 ft	lb									*16,750	*16,750			*12,600	*12,600	28.33
6.0 m	kg									*7900	*7900	*7400	6050	*5550	*5550	9.34
20.0 ft	lb									*17,250	*17,250	*14,300	12,950	*12,200	*12,200	30.83
4.5 m	kg							*9650	*9650	*8650	7950	*8050	5950	*5550	5100	9.84
15.0 ft	lb							*20,950	*20,950	*18,800	17,150	*17,650	12,750	*12,200	11,250	32.50
3.0 m	kg					*15 200	*15 200	*11 450	10 600	*9600	7650	*8550	5800	*5750	4800	10.10
10.0 ft	lb					*32,600	*32,600	*24,800	22,900	*20,900	16,450	*18,650	12,400	*12,600	10,550	33.33
1.5 m	kg					*18 300	15 100	*13 200	10 050	*10 600	7300	8700	5600	*6050	4700	10.13
5.0 ft	lb					*39,450	32,550	*28,500	21,600	*22,950	15,750	18,700	12,050	*13,350	10,300	33.33
0 m	kg			*8150	*8150	*19 950	14 450	*14 350	9600	*11 150	7050	8550	5450	*6650	4750	9.93
0 ft	lb			*18,600	*18,600	*43,100	31,050	*31,100	20,650	24,050	15,150	18,400	11,700	*14,600	10,400	32.50
-1.5 m	kg	*8550	*8550	*12 850	*12 850	*20 200	14 200	*14 850	9350	11 000	6900	8450	5350	*7550	5000	9.49
-5.0 ft	lb	*19,050	*19,050	*28,950	*28,950	*43,700	30,500	*32,100	20,150	23,650	14,850	18,200	11,550	*16,650	11,050	31.67
-3.0 m	kg	*13 600	*13 600	*18 750	*18 750	*19 300	14 200	*14 450	9300	10 950	6850			8800	5600	8.77
-10.0 ft	lb	*30,400	*30,400	*42,400	*42,400	*41,800	30,550	*31,300	20,050	23,600	14,750			19,500	12,350	29.17
-4.5 m	kg	*19 550	*19 550	*23 900	*23 900	*17 200	14 400	*13 050	9450	*9750	7000			*9350	6800	7.69
-15.0 ft	lb	*43,900	*43,900	*51,500	*51,500	*37,100	31,050	*27,950	20,350	*20,550	15,150			*20,550	15,150	25.00
-6.0 m	kg					*13 100	*13 100	*9250	*9250					*9100	*9100	6.06
-20.0 ft	lb					*27,600	*27,600							*19,900	*19,900	20.00



ISO 10567



* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336 Hydraulic Excavator Specifications

HD Reach Boom Lift Capacities – Counterweight: 7.56 mt (16,667 lb) – without Bucket, Heavy Lift: On

3.9 m (12'10")
R3.9DB (HD)
6.5 m (21'4")

800 mm (31") Triple Grouser Shoes
2590 mm (8.5 ft)

4040 mm (13.3 ft)
5030 mm (16.5 ft)

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				
																m ft
9.0 m 30.0 ft	kg lb													*6150 *13,650	*6150 *13,650	7.35 24.17
7.5 m 25.0 ft	kg lb									*7600 *16,750	*7600 *16,750			*5700 *12,600	*5700 *12,600	8.54 28.33
6.0 m 20.0 ft	kg lb									*7900 *17,250	*7900 *17,250	*7400 *14,300	6050 12,900	*5550 *12,200	*5550 *12,200	9.34 30.83
4.5 m 15.0 ft	kg lb							*9650 *20,950	*9650 *20,950	*8650 *18,800	7950 17,050	*8050 *17,650	5900 12,700	*5550 *12,200	5100 11,200	9.84 32.50
3.0 m 10.0 ft	kg lb					*15 200 *32,600	*15 200 *32,600	*11 450 *24,800	10 550 22,800	*9600 *20,900	7600 16,350	*8550 *18,650	5750 12,350	*5750 *12,600	4750 10,500	10.10 33.33
1.5 m 5.0 ft	kg lb					*18 300 *39,450	15 050 32,400	*13 200 *28,500	10 000 21,500	*10 600 *22,950	7250 15,650	8650 18,650	5550 11,950	*6050 *13,350	4650 10,250	10.13 33.33
0 m 0 ft	kg lb			*8150 *18,600	*8150 *18,600	*19 950 *43,100	14 350 30,900	*14 350 *31,100	9550 20,550	11 100 23,900	7000 15,100	8500 18,300	5400 11,650	*6650 *14,600	4700 10,350	9.93 32.50
-1.5 m -5.0 ft	kg lb	*8550 *19,050	*8550 *19,050	*12 850 *28,950	*12 850 *28,950	*20 200 *43,700	14 100 30,350	*14 850 *32,100	9300 20,050	10 950 23,550	6850 14,750	8400 18,100	5350 11,500	*7550 *16,650	5000 11,000	9.49 31.67
-3.0 m -10.0 ft	kg lb	*13 600 *30,400	*13 600 *30,400	*18 750 *42,400	*18 750 *42,400	*19 300 *41,800	14 150 30,400	*14 450 *31,300	9250 19,950	10 900 23,450	6800 14,700			8750 19,400	5550 12,300	8.77 29.17
-4.5 m -15.0 ft	kg lb	*19 550 *43,900	*19 550 *43,900	*23 900 *51,500	*23 900 *51,500	*17 200 *37,100	14 350 30,900	*13 050 *27,950	9400 20,250	*9750 *20,550	6950 15,050			*9350 *20,550	6750 15,050	7.69 25.00
-6.0 m -20.0 ft	kg lb					*13 100 *27,600	*13 100 *27,600	*9250 *9250						*9100 *19,900	*9100 *19,900	6.06 20.00



ISO 10567



* Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336 Hydraulic Excavator Specifications

HD Reach Boom Lift Capacities – Counterweight: 7.56 mt (16,667 lb) – without Bucket, Heavy Lift: On

3.9 m (12'10")
R3.9DB (HD)

700 mm (28") Triple Grouser Shoes
2590 mm (8.5 ft)

4040 mm (13.3 ft)
5030 mm (16.5 ft)

		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				
																m ft
9.0 m 30.0 ft	kg lb													*6150 *13,650	*6150 *13,650	7.35 24.17
7.5 m 25.0 ft	kg lb									*7600 *16,750	*7600 *16,750			*5700 *12,600	*5700 *12,600	8.54 28.33
6.0 m 20.0 ft	kg lb									*7900 *17,250	*7900 *17,250	*7400 *14,300	5950 12,700	*5550 *12,200	*5550 *12,200	9.34 30.83
4.5 m 15.0 ft	kg lb							*9650 *20,950	*9650 *20,950	*8650 *18,800	7800 16,800	*8050 *17,650	5850 12,500	*5550 *12,200	5000 11,050	9.84 32.50
3.0 m 10.0 ft	kg lb					*15 200 *32,600	*15 200 *32,600	*11 450 *24,800	10 450 22,450	*9600 *20,900	7500 16,100	*8550 *18,650	5650 12,150	*5750 *12,600	4700 10,350	10.10 33.33
1.5 m 5.0 ft	kg lb					*18 300 *39,450	14 800 31,900	*13 200 *28,500	9850 21,200	*10 600 *22,950	7150 15,400	8500 18,300	5500 11,800	*6050 *13,350	4600 10,050	10.13 33.33
0 m 0 ft	kg lb			*8150 *18,600	*8150 *18,600	*19 950 *43,100	14 150 30,450	*14 350 *31,100	9400 20,250	10 950 23,500	6900 14,850	8350 18,000	5350 11,450	*6650 *14,600	4650 10,200	9.93 32.50
-1.5 m -5.0 ft	kg lb	*8550 *19,050	*8550 *19,050	*12 850 *28,950	*12 850 *28,950	*20 200 *43,700	13 900 29,900	*14 850 *32,100	9150 19,750	10 750 23,150	6750 14,500	8300 17,800	5250 11,300	*7550 *16,650	4900 10,800	9.49 31.67
-3.0 m -10.0 ft	kg lb	*13 600 *30,400	*13 600 *30,400	*18 750 *42,400	*18 750 *42,400	*19 300 *41,800	13 900 29,900	*14 450 *31,300	9100 19,650	10 700 23,100	6700 14,450			8600 19,050	5500 12,100	8.77 29.17
-4.5 m -15.0 ft	kg lb	*19 550 *43,900	*19 550 *43,900	*23 900 *51,500	*23 900 *51,500	*17 200 *37,100	14 150 30,400	*13 050 *27,950	9250 19,950	*9750 *20,550	6850 14,800			*9350 *20,550	6650 14,800	7.69 25.00
-6.0 m -20.0 ft	kg lb					*13 100 *27,600	*13 100 *27,600	*9250 *9250						*9100 *19,900	*9100 *19,900	6.06 20.00



ISO 10567



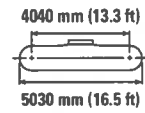
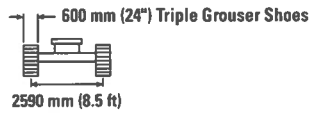
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Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336 Hydraulic Excavator Specifications

HD Reach Boom Lift Capacities – Counterweight: 7.56 mt (16,667 lb) – without Bucket, Heavy Lift: On



		1.5 m/5.0 ft		3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				m ft	
																	
9.0 m 30.0 ft	kg lb														*6150 *13,650	*6150 *13,650	7.35 24.17
7.5 m 25.0 ft	kg lb									*7600 *16,750	*7600 *16,750				*5700 *12,600	*5700 *12,600	8.54 28.33
6.0 m 20.0 ft	kg lb									*7900 *17,250	*7900 17,250	*7400 *14,300	5900 12,600		*5550 *12,200	5500 *12,200	9.34 30.83
4.5 m 15.0 ft	kg lb							*9650 *20,950	*9650 *20,950	*8650 *18,800	7750 16,700	*8050 *17,650	5800 12,400		*5550 *12,200	4950 10,950	9.84 32.50
3.0 m 10.0 ft	kg lb					*15 200 *32,600	*15 200 *32,600	*11 450 *24,800	10 350 22,300	*9600 *20,900	7450 16,000	*8550 18,550	5600 12,050		*5750 *12,600	4650 10,250	10.10 33.33
1.5 m 5.0 ft	kg lb					*18 300 *39,450	14 700 31,650	*13 200 *28,500	9750 21,000	*10 600 *22,950	7100 15,300	8450 18,150	5450 11,650		*6050 *13,350	4550 9,950	10.13 33.33
0 m 0 ft	kg lb			*8150 *18,600	*8150 *18,600	*19 950 *43,100	14 050 30,200	*14 350 *31,100	9300 20,050	10 850 23,300	6850 14,700	8300 17,800	5300 11,350		*6650 *14,600	4600 10,100	9.93 32.50
-1.5 m -5.0 ft	kg lb	*8550 *19,050	*8550 *19,050	*12 850 *28,950	*12 850 *28,950	*20 200 *43,700	13 800 29,650	*14 850 *32,100	9100 19,550	10 650 22,950	6700 14,400	8200 17,650	5200 11,200		*7550 *16,650	4850 10,700	9.49 31.67
-3.0 m -10.0 ft	kg lb	*13 600 *30,400	*13 600 *30,400	*18 750 *42,400	*18 750 *42,400	*19 300 *41,800	13 800 29,650	*14 450 *31,300	9050 19,450	10 650 22,850	6650 14,300				8550 18,900	5450 12,000	8.77 29.17
-4.5 m -15.0 ft	kg lb	*19 550 *43,900	*19 550 *43,900	*23 900 *51,500	*23 900 *51,500	*17 200 *37,100	14 000 30,150	*13 050 *27,950	9150 19,750	*9750 *20,550	6800 14,700				*9350 *20,550	6600 14,700	7.69 25.00
-6.0 m -20.0 ft	kg lb					*13 100 *27,600	*13 100 *27,600	*9250 *9250							*9100 *19,900	*9100 *19,900	6.06 20.00



ISO 10567



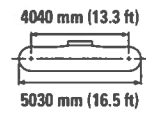
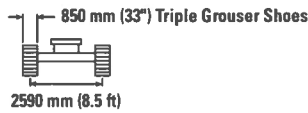
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Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

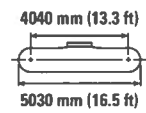
336 Hydraulic Excavator Specifications

HD Reach Boom Lift Capacities – Counterweight: 7.56 mt (16,667 lb) – without Bucket, Heavy Lift: On



	3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				m ft
													
7.5 m 25.0 ft	kg						*8700	8200			*7350	*7350	7.70
	lb										*16,200	*16,200	25.00
6.0 m 20.0 ft	kg						*8800	8100			*7100	6500	8.58
	lb						*19,250	17,400			*15,650	14,400	28.33
4.5 m 15.0 ft	kg		*13 400	*13 400	*10 800	*10 800	*9450	7900	*8400	5900	*7150	5750	9.13
	lb				*23,350	*23,350	*20,550	16,950			*15,750	12,700	30.00
3.0 m 10.0 ft	kg		*17 000	15 800	*12 500	10 450	*10 350	7600	8900	5750	*7450	5400	9.41
	lb		*36,500	34,100	*27,000	22,550	*22,400	16,300	19,100	12,400	*16,350	11,850	30.83
1.5 m 5.0 ft	kg		*19 550	14 850	*14 000	9950	*11 150	7300	8750	5650	*8000	5250	9.44
	lb		*42,200	32,000	*30,200	21,450	*24,200	15,700	18,750	12,100	*17,550	11,550	31.67
0 m 0 ft	kg		*20 400	14 450	*14 850	9600	11 200	7100	8600	5500	8350	5350	9.22
	lb		*44,200	31,050	*32,150	20,700	24,100	15,250	18,550	11,900	18,350	11,750	30.83
-1.5 m -5.0 ft	kg	*14 000	*14 000	*20 000	14 350	*14 950	9450	11 100	7000		8950	5700	8.75
	lb	*31,700	*31,700	*43,350	30,850	*32,350	20,400	23,850	15,050		19,700	12,600	29.17
-3.0 m -10.0 ft	kg	*22 150	*22 150	*18 550	14 450	*14 100	9500	*10 950	7050		*10 000	6550	7.96
	lb	*50,100	*50,100	*40,150	31,100	*30,500	20,450	*23,450	15,150		*22,000	14,450	26.67
-4.5 m -15.0 ft	kg	*20 850	*20 850	*15 700	14 750	*11 900	9700				*10 050	8350	6.75
	lb	*44,950	*44,950	*33,750	31,800	*25,350	21,000				*22,100	18,650	22.50

HD Reach Boom Lift Capacities – Counterweight: 7.56 mt (16,667 lb) – without Bucket, Heavy Lift: On



	3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				m ft
													
7.5 m 25.0 ft	kg						*8700	8150			*7350	*7350	7.70
	lb										*16,200	*16,200	25.00
6.0 m 20.0 ft	kg						*8800	8100			*7100	6450	8.58
	lb						*19,250	17,350			*15,650	14,300	28.33
4.5 m 15.0 ft	kg		*13 400	*13 400	*10 800	*10 800	*9450	7850	*8400	5850	*7150	5750	9.13
	lb				*23,350	*23,350	*20,550	16,900			*15,750	12,650	30.00
3.0 m 10.0 ft	kg		*17 000	15 750	*12 500	10 400	*10 350	7550	8850	5750	*7450	5350	9.41
	lb		*36,500	33,950	*27,000	22,450	*22,400	16,250	19,000	12,350	*16,350	11,800	30.83
1.5 m 5.0 ft	kg		*19 550	14 750	*14 000	9900	*11 150	7250	8700	5600	*8000	5200	9.44
	lb		*42,200	31,850	*30,200	21,350	*24,200	15,650	18,650	12,050	*17,550	11,500	31.67
0 m 0 ft	kg		*20 400	14 350	*14 850	9550	11 150	7050	8550	5500	8300	5300	9.22
	lb		*44,200	30,900	*32,150	20,600	24,000	15,200	18,450	11,850	18,250	11,700	30.83
-1.5 m -5.0 ft	kg	*14 000	*14 000	*20 000	14 250	*14 950	9400	11 050	6950		8900	5700	8.75
	lb	*31,700	*31,700	*43,350	30,700	*32,350	20,300	23,750	15,000		19,600	12,550	29.17
-3.0 m -10.0 ft	kg	*22 150	*22 150	*18 550	14 400	*14 100	9450	*10 950	7000		*10 000	6500	7.96
	lb	*50,100	*50,100	*40,150	30,950	*30,500	20,350	*23,450	15,100		*22,000	14,400	26.67
-4.5 m -15.0 ft	kg	*20 850	*20 850	*15 700	14 700	*11 900	9650				*10 050	8300	6.75
	lb	*44,950	*44,950	*33,750	31,650	*25,350	20,900				*22,100	18,550	22.50



ISO 10567



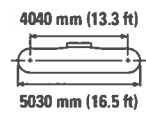
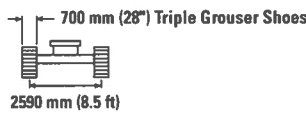
*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with ±5% for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

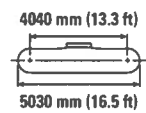
336 Hydraulic Excavator Specifications

HD Reach Boom Lift Capacities – Counterweight: 7.56 mt (16,667 lb) – without Bucket, Heavy Lift: On



	3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				m ft
													
7.5 m 25.0 ft	kg lb						*8700 19,250	8050 17,100			*7350 16,200	*7350 16,200	7.70 25.00
6.0 m 20.0 ft	kg lb						*8800 19,250	7950 17,100			*7100 15,550	6350 14,100	8.58 28.33
4.5 m 15.0 ft	kg lb			*13 400 29,920	*13 400 29,920	*10 800 23,350	*10 800 23,350	*9450 20,550	7750 16,650	*8400 18,700	5800 12,150	*7150 15,750	9.13 30.00
3.0 m 10.0 ft	kg lb			*17 000 36,500	15 500 33,500	*12 500 27,000	10 250 22,150	*10 350 22,400	7450 16,000	8700 18,700	5650 12,150	*7450 16,350	9.41 30.83
1.5 m 5.0 ft	kg lb			*19 550 42,200	14 550 31,350	*14 000 30,200	9750 21,000	*11 150 24,100	7150 15,400	8550 18,350	5500 11,850	7950 17,500	9.44 31.67
0 m 0 ft	kg lb			*20 400 44,200	14 150 30,400	*14 850 32,150	9400 20,300	10 950 23,600	6950 14,950	8450 18,150	5400 11,650	8150 17,950	9.22 30.83
-1.5 m -5.0 ft	kg lb	*14 000 31,700	*14 000 31,700	*20 000 43,350	14 050 30,200	*14 950 32,350	9250 19,950	10 850 23,350	6850 14,750			8750 19,300	8.75 29.17
-3.0 m -10.0 ft	kg lb	*22 150 50,100	*22 150 50,100	*18 550 40,150	14 150 30,450	*14 100 30,500	9300 20,050	*10 900 23,450	6900 14,850			*10 000 22,000	7.96 26.67
-4.5 m -15.0 ft	kg lb	*20 850 44,950	*20 850 44,950	*15 700 33,750	14 500 31,200	*11 900 25,350	9500 20,550					*10 050 22,100	6.75 22.50

HD Reach Boom Lift Capacities – Counterweight: 7.56 mt (16,667 lb) – without Bucket, Heavy Lift: On



	3.0 m/10.0 ft		4.5 m/15.0 ft		6.0 m/20.0 ft		7.5 m/25.0 ft		9.0 m/30.0 ft				m ft
													
7.5 m 25.0 ft	kg lb						*8700 19,250	7950 17,000			*7350 16,200	*7350 16,200	7.70 25.00
6.0 m 20.0 ft	kg lb						*8800 19,250	7900 17,000			*7100 15,550	6300 14,000	8.58 28.33
4.5 m 15.0 ft	kg lb			*13 400 29,920	*13 400 29,920	*10 800 23,350	10 750 23,200	*9450 20,550	7650 16,500	*8400 18,700	5750 12,150	*7150 15,750	9.13 30.00
3.0 m 10.0 ft	kg lb			*17 000 36,500	15 400 33,250	*12 500 27,000	10 200 21,950	*10 350 22,400	7350 15,850	8600 18,500	5600 12,050	*7450 16,350	9.41 30.83
1.5 m 5.0 ft	kg lb			*19 550 42,200	14 450 31,100	*14 000 30,200	9650 20,850	11 100 23,900	7100 15,250	8450 18,200	5450 11,750	7900 17,350	9.44 31.67
0 m 0 ft	kg lb			*20 400 44,200	14 000 30,150	*14 850 32,150	9350 20,100	10 850 23,400	6900 14,800	8350 17,950	5350 11,550	8050 17,750	9.22 30.83
-1.5 m -5.0 ft	kg lb	*14 000 31,700	*14 000 31,700	*20 000 43,350	13 950 29,950	*14 950 32,300	9200 19,800	10 750 23,150	6800 14,600			8650 19,100	8.75 29.17
-3.0 m -10.0 ft	kg lb	*22 150 50,100	*22 150 50,100	*18 550 40,150	14 050 30,200	*14 100 30,500	9200 19,850	10 800 23,300	6800 14,700			9550 22,000	7.96 26.67
-4.5 m -15.0 ft	kg lb	*20 850 44,950	*20 850 44,950	*15 700 33,750	14 350 30,900	*11 900 25,350	9450 20,400					*10 050 22,100	6.75 22.50



ISO 10567



*Indicates that the load is limited by hydraulic lifting capacity rather than tipping load. The above loads are in compliance with hydraulic excavator lift capacity standard ISO 10567:2007. They do not exceed 87% of hydraulic lifting capacity or 75% of tipping load. Weight of all lifting accessories must be deducted from the above lifting capacities. Lifting capacities are based on the machine standing on a firm, uniform supporting surface. The use of a work tool attachment point to handle/lift objects, could affect the machine lift performance.

Lift capacity stays with $\pm 5\%$ for all available track shoes.

Always refer to the appropriate Operation and Maintenance Manual for specific product information.

336 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility

	Linkage	Width		Capacity		Weight		Fill	6.8 mt (14,991 lb) Counterweight			7.56 mt (16,667 lb) Counterweight					
		mm	in	m³	yd³	kg	lb		%	Reach		Mass	HD Reach		Reach		Mass
										R3.2 (10'6")	R3.9 (12'10")	M2.55 (8'4")	HD R3.2 (10'6")	HD R3.9 (12'10")	R3.2 (10'6")	R3.9 (12'10")	M2.55 (8'4")
Pin-On (No Quick Coupler)																	
General Duty Capacity	DB	750	30	0.94	1.23	960	2,115	100	●	●		●	●	●	●		
	DB	900	36	1.19	1.56	1050	2,315	100	●	●		●	●	●	●		
	DB	1050	42	1.46	1.91	1160	2,556	100	●	●		●	●	●	●		
	DB	1200	48	1.73	2.26	1246	2,746	100	●	⊙		●	⊙	●	●		
	DB	1350	54	2.00	2.62	1358	2,995	100	⊙	⊖		●	⊖	●	⊙		
	DB	1500	60	2.27	2.97	1470	3,240	100	⊖	○		⊙	○	⊙	⊖		
	DB	1650	66	2.55	3.33	1556	3,430	100	○	○		⊖	○	⊖	○		
General Duty Capacity – Wide Tip	DB	800	32	1.18	1.54	1040	2,292	100	●	●		●	●	●	●		
	DB	950	38	1.49	1.95	1135	2,503	100	●	●		●	●	●	●		
	DB	1100	44	1.46	1.91	1158	2,552	100	●	●		●	●	●	●		
	DB	1250	50	1.73	2.26	1243	2,739	100	●	⊙		●	⊙	●	●		
	DB	1400	56	2.00	2.62	1355	2,988	100	⊙	⊖		●	⊖	●	⊙		
	DB	1550	62	2.27	2.97	1468	3,236	100	⊖	○		⊙	○	⊙	⊖		
	DB	1700	68	2.55	3.33	1556	3,430	100	○	○		⊖	○	⊖	○		
Heavy Duty	DB	750	30	0.73	0.95	1033	2,278	100	●	●		●	●	●	●		
	DB	900	36	0.95	1.24	1181	2,603	100	●	●		●	●	●	●		
	DB	1050	42	1.17	1.54	1271	2,802	100	●	●		●	●	●	●		
	DB	1200	48	1.40	1.84	1403	3,093	100	●	●		●	●	●	●		
	DB	1350	54	1.64	2.14	1499	3,304	100	●	⊙		●	⊙	●	●		
	DB	1500	60	1.88	2.46	1630	3,593	100	⊙	⊖		⊙	⊖	●	⊙		
	DB	1650	66	2.12	2.77	1762	3,884	100	⊖	○		⊖	○	⊙	⊖		
Heavy Duty Power	DB	750	30	0.73	0.95	1033	2,278	100	●	●		●	●	●	●		
	DB	900	36	0.95	1.24	1175	2,590	100	●	●		●	●	●	●		
	DB	1200	48	1.40	1.83	1408	3,104	100	●	●		●	●	●	●		
	DB	1350	54	1.63	2.13	1505	3,318	100	●	⊙		●	⊙	●	●		
	DB	1500	60	1.86	2.43	1642	3,620	100	⊙	⊖		●	⊖	●	⊙		
	DB	1700	68	2.12	2.77	1762	3,884	100	⊖	○		⊖	○	⊙	⊖		
	DB	1800	72	2.36	3.08	1859	4,098	100	○	○		⊖	○	⊖	○		
Severe Duty	DB	750	30	0.73	0.95	1088	2,399	90	●	●		●	●	●	●		
	DB	900	36	0.95	1.24	1241	2,785	90	●	●		●	●	●	●		
	DB	1050	42	1.17	1.54	1338	2,949	90	●	●		●	●	●	●		
	DB	1200	48	1.40	1.83	1478	3,258	90	●	●		●	●	●	●		
	DB	1350	54	1.64	2.14	1581	3,485	90	●	⊙		●	●	●	●		
Extreme Duty	DB	1200	48	1.40	1.83	1621	3,573	90	●	●		●	●	●	●		
	TB	1700	68	2.78	3.64	2233	4,923	100			○					⊖	
General Duty Capacity	TB	1850	74	3.08	4.04	2356	5,194	100			○					○	
	TB	1650	66	2.41	3.15	2307	5,086	100			⊖					⊖	
Heavy Duty	TB	1800	72	2.69	3.52	2437	5,373	100			○					○	
	TB	1700	67	2.41	3.16	2509	5,531	90			⊖					⊖	
Severe Duty	TB	1850	74	2.69	3.52	2709	5,972	90			○					⊖	
	Maximum load with pin-on (payload + bucket)								kg	5160	4500	5760	5370	4670	5545	4855	6200
								lb	11,376	9,921	12,699	11,839	10,296	12,225	10,703	13,669	

The above loads are in compliance with hydraulic excavator standard EN474-5:2006 + A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

- 2100 kg/m³ (3,500 lb/yd³)
- ⊙ 1800 kg/m³ (3,000 lb/yd³)
- ⊖ 1500 kg/m³ (2,500 lb/yd³)
- 1200 kg/m³ (2,000 lb/yd³)
- ◇ 900 kg/m³ (1,500 lb/yd³)

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

(continued on next page)

336 Hydraulic Excavator Specifications

Bucket Specifications and Compatibility (continued)

	Linkage	Width		Capacity		Weight		Fill	6.8 mt (14,991 lb) Counterweight			7.56 mt (16,667 lb) Counterweight					
									Reach		Mass	HD Reach		Reach		Mass	
		mm	in	m³	yd³	kg	lb	%	R3.2 (10'6")	R3.9 (12'10")	M2.55 (8'4")	HD R3.2 (10'6")	HD R3.9 (12'10")	R3.2 (10'6")	R3.9 (12'10")	M2.55 (8'4")	
With Cat Pin Grabber Coupler																	
General Duty Capacity	DB	750	30	0.94	1.23	960	2,115	100	●	●		●	●	●	●		
	DB	900	36	1.19	1.56	1050	2,315	100	●	●		●	●	●	●		
	DB	1050	42	1.46	1.91	1160	2,556	100	●	⊖		●	⊖	●	⊖		
	DB	1200	48	1.73	2.26	1246	2,746	100	⊖	○		⊖	○	⊖	⊖		
	DB	1350	54	2.00	2.62	1358	2,995	100	○	◇		⊖	◇	⊖	○		
	DB	1500	60	2.27	2.97	1470	3,240	100	○	◇		○	◇	○	◇		
	DB	1650	66	2.55	3.33	1556	3,430	100	◇	X		◇	X	○	◇		
General Duty Capacity – Wide Tip	DB	800	32	1.18	1.54	1040	2,292	100	●	●		●	●	●	●		
	DB	950	38	1.49	1.95	1135	2,503	100	●	⊖		●	⊖	●	⊖		
	DB	1100	44	1.46	1.91	1158	2,552	100	●	⊖		●	⊖	●	⊖		
	DB	1250	50	1.73	2.26	1243	2,739	100	⊖	○		⊖	○	⊖	⊖		
	DB	1400	56	2.00	2.62	1355	2,988	100	○	◇		⊖	◇	⊖	○		
	DB	1550	62	2.27	2.97	1468	3,236	100	○	◇		○	◇	○	◇		
	DB	1650	66	2.55	3.33	1556	3,430	100	◇	X		◇	X	○	◇		
Heavy Duty	DB	750	30	0.73	0.95	1033	2,278	100	●	●		●	●	●	●		
	DB	900	36	0.95	1.24	1181	2,603	100	●	●		●	●	●	●		
	DB	1050	42	1.17	1.54	1271	2,802	100	●	⊖		●	●	●	●		
	DB	1200	48	1.40	1.84	1403	3,093	100	⊖	⊖		●	⊖	●	⊖		
	DB	1350	54	1.64	2.14	1499	3,304	100	⊖	○		⊖	○	⊖	○		
	DB	1500	60	1.88	2.46	1630	3,593	100	○	◇		⊖	◇	⊖	○		
	DB	1650	66	2.12	2.77	1762	3,884	100	◇	X		○	◇	○	◇		
Heavy Duty Power	DB	1800	72	2.36	3.08	1859	4,098	100	◇	X		◇	X	◇	X		
	DB	900	36	0.95	1.24	1175	2,590	100	●	●		●	●	●	●		
	DB	1200	48	1.40	1.83	1408	3,104	100	⊖	⊖		●	⊖	●	⊖		
	DB	1350	54	1.63	2.13	1505	3,318	100	⊖	○		⊖	○	⊖	○		
	DB	1500	60	1.86	2.43	1642	3,620	100	○	◇		⊖	◇	⊖	○		
	Heavy Duty Pin Grabber Performance	DB	900	36	0.87	1.14	1209	2,665	100	●	●		●	●	●	●	
		DB	1050	42	1.08	1.41	1312	2,892	100	●	⊖		●	●	●	●	
DB		1200	48	1.29	1.69	1442	3,179	100	●	⊖		●	⊖	●	⊖		
DB		1350	54	1.50	1.96	1544	3,404	100	⊖	○		⊖	○	⊖	⊖		
DB		1500	60	1.72	2.25	1681	3,706	100	○	◇		⊖	◇	⊖	○		
DB		1650	66	1.93	2.52	1819	4,010	100	○	X		○	◇	○	◇		
DB		1800	72	2.36	3.08	1859	4,098	100	◇	X		◇	X	○	◇		
Severe Duty	DB	750	30	0.73	0.95	1088	2,399	90	●	●		●	●	●	●		
	DB	900	36	0.95	1.24	1241	2,735	90	●	●		●	●	●	●		
	DB	1050	42	1.17	1.54	1338	2,949	90	●	●		●	●	●	●		
	DB	1200	48	1.40	1.83	1478	3,258	90	●	⊖		●	⊖	●	⊖		
	DB	1350	54	1.64	2.14	1581	3,485	90	⊖	○		⊖	○	⊖	⊖		
	Severe Duty Pin Grabber Performance	DB	750	30	0.68	0.88	1095	2,414	90	●	●		●	●	●	●	
		DB	900	36	0.87	1.14	1272	2,804	90	●	●		●	●	●	●	
DB		1200	48	1.29	1.69	1520	3,351	90	●	⊖		●	⊖	●	⊖		
DB		1350	54	1.50	1.96	1628	3,589	90	⊖	○		⊖	⊖	●	⊖		
DB		1500	60	1.72	2.25	1681	3,706	100	○	◇		⊖	◇	⊖	○		
DB		1650	66	1.93	2.52	1819	4,010	100	○	X		○	◇	○	◇		
DB		1800	72	2.36	3.08	1859	4,098	100	◇	X		◇	X	○	◇		
Extreme Duty	DB	1200	48	1.40	1.83	1621	3,573	90	⊖	⊖		●	⊖	●	⊖		
General Duty Capacity	TB	1700	68	2.78	3.64	2233	4,923	100			◇					◇	
	TB	1850	74	3.08	4.04	2356	5,194	100			X					◇	
Heavy Duty	TB	1650	66	2.41	3.15	2307	5,086	100			◇					○	
	TB	1800	72	2.69	3.52	2437	5,373	100			X					◇	
Severe Duty	TB	1700	67	2.41	3.16	2509	5,531	90			◇					○	
	TB	1850	74	2.69	3.52	2709	5,972	90			X					◇	
Maximum load with coupler (payload + bucket)								kg	4465	3808	4707	4674	3974	4850	4159	5151	
								lb	9,844	8,396	10,377	10,305	8,762	10,693	9,170	11,356	

The above loads are in compliance with hydraulic excavator standard EN474-5:2006 + A3:2013, they do not exceed 87% of hydraulic lifting capacity or 75% of tipping capacity with front linkage fully extended at ground line with bucket curled.

Capacity based on ISO 7451:2007.

Bucket weight with General Duty tips.

Maximum Material Density:

- 2100 kg/m³ (3,500 lb/yd³)
- ⊖ 1800 kg/m³ (3,000 lb/yd³)
- 1500 kg/m³ (2,500 lb/yd³)
- ◇ 1200 kg/m³ (2,000 lb/yd³)
- 900 kg/m³ (1,500 lb/yd³)
- X Not Recommended

Caterpillar recommends using appropriate work tools to maximize the value customers receive from our products. Use of work tools, including buckets, which are outside of Caterpillar's recommendations or specifications for weight, dimensions, flows, pressures, etc. may result in less-than-optimal performance, including but not limited to reductions in production, stability, reliability, and component durability. Improper use of a work tool resulting in sweeping, prying, twisting and/or catching of heavy loads will reduce the life of the boom and stick.

336 Hydraulic Excavator Specifications

Attachments Offering Guide

PIN-ON ATTACHMENTS

Undercarriage		Long Undercarriage		
Counterweight		6.8 mt (14,991 lb) Counterweight		
Boom Type		Reach Boom		Mass Boom
Stick Size		R3.2 (10'6")	R3.9 (12'10")	M2.55 (8'4")
Hydraulic Hammers	H140E S	✓	✓	✓
	H160E S	✓	✓	✓
	B35	✓	✓	✓
Multi-Processors	MP324 CC Jaw	✓	✓	
	MP324 D Jaw	✓	✓	
	MP324 P Jaw	✓	✓	
	MP324 S Jaw	✓	✓	
	MP324 TS Jaw	✓	✓	
	MP324 U Jaw	✓	✓	
	MP332 CC Jaw	✓	✓	✓
	MP332 D Jaw	✓	✓	✓
	MP332 P Jaw	✓	✓	✓
	MP332 S Jaw	✓	✓	✓
	MP332 TS Jaw	✓	✓*	✓
	MP332 U Jaw	✓	✓	✓
	MP345 CC Jaw			✓
	MP345 D Jaw			✓*
	MP345 P Jaw			✓*
	MP345 S Jaw			✓
Pulverizers	P225	✓	✓	
	P235	✓	✓	✓
Demolition and Sorting Grapples	G325B	✓	✓	
	G330	✓	✓	✓
Mobile Scrap and Demolition Shears	S3035	✓	✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓
Orange Peel Grapples		✓	✓	✓
Contractors' Grapples		✓	✓	✓
Trash Grapples		✓	✓	✓
Thumbs		✓	✓	✓
Rakes		✓	✓	
Rippers		✓	✓	✓
Cat Pin Grabber Couplers		✓	✓	✓

*Working range front only.

(continued on next page)

336 Hydraulic Excavator Specifications

Attachments Offering Guide (continued)

PIN-ON ATTACHMENTS

Undercarriage		Long Undercarriage				
Counterweight		7.56 mt (16,667 lb) Counterweight				
Boom Type		Reach Boom		HD Reach Boom		Mass Boom
Stick Size		R3.2 (10'6")	R3.9 (12'10")	HD R3.2 (10'6")	HD R3.9 (12'10")	M2.55 (8'4")
Hydraulic Hammers	H140E S	✓	✓	✓	✓	✓
	H160E S	✓	✓	✓	✓	✓
	B35	✓	✓	✓	✓	✓
Multi-Processors	MP324 CC Jaw	✓	✓	✓	✓	
	MP324 D Jaw	✓	✓	✓	✓	
	MP324 P Jaw	✓	✓	✓	✓	
	MP324 S Jaw	✓	✓	✓	✓	
	MP324 TS Jaw	✓	✓	✓	✓	
	MP324 U Jaw	✓	✓	✓	✓	
	MP332 CC Jaw	✓	✓	✓	✓	✓
	MP332 D Jaw	✓	✓	✓	✓	✓
	MP332 P Jaw	✓	✓	✓	✓	✓
	MP332 S Jaw	✓	✓	✓	✓	✓
	MP332 TS Jaw	✓	✓	✓	✓	✓
	MP332 U Jaw	✓	✓	✓	✓	✓
	MP345 CC Jaw					✓
	MP345 D Jaw					✓
	MP345 P Jaw					✓
	MP345 S Jaw					✓
Pulverizers	P225	✓	✓	✓	✓	
	P235	✓	✓	✓	✓	✓
Demolition and Sorting Grapples	G325B	✓	✓	✓	✓	
	G330	✓	✓	✓	✓	✓
Mobile Scrap and Demolition Shears	S3035	✓	✓	✓	✓	
Compactors (Vibratory Plate)	CVPI10	✓	✓	✓	✓	✓
Orange Peel Grapples		✓	✓	✓	✓	✓
Contractors' Grapples		✓	✓	✓	✓	✓
Trash Grapples		✓	✓	✓	✓	✓
Thumbs		✓	✓	✓	✓	✓
Rakes		✓	✓	✓	✓	
Rippers		✓	✓	✓	✓	✓
Cat Pin Grabber Couplers		✓	✓	✓	✓	✓

(continued on next page)

336 Hydraulic Excavator Specifications

Attachments Offering Guide (continued)

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Long Undercarriage		
Counterweight		6.8 mt (14,991 lb) Counterweight		
Boom Type		Reach Boom		Mass Boom
Stick Size		R3.2 (10'6")	R3.9 (12'10")	M2.55 (8'4")
Hydraulic Hammers	H140E S	✓	✓	✓
	H160E S	✓	✓*	✓
	B35	✓	✓	✓
Multi-Processors	MP324 CC Jaw	✓	✓	
	MP324 D Jaw	✓	✓	
	MP324 P Jaw	✓	✓	
	MP324 S Jaw	✓	✓	
	MP324 TS Jaw	✓	✓	
	MP324 U Jaw	✓	✓	
	MP332 CC Jaw	✓	✓*	✓
	MP332 D Jaw	✓		✓
	MP332 P Jaw	✓		✓*
	MP332 S Jaw	✓	✓*	✓
	MP332 TS Jaw			
	MP332 U Jaw	✓		✓*
Pulverizers	P225	✓	✓	
	P235	✓*		✓*
Demolition and Sorting Grapples	G325B	✓	✓	
	G330	✓*		✓*
Mobile Scrap and Demolition Shears	S3035	✓	✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓
Thumbs		✓	✓	✓
Rakes		✓	✓	✓
Rippers		✓	✓	✓

BOOM-MOUNTED ATTACHMENTS

Undercarriage		Long Undercarriage		
Counterweight		6.8 mt (14,991 lb) Counterweight		
Boom Type		Reach Boom		Mass Boom
Mobile Scrap and Demolition Shears	S2090	✓		✓
	S3050	✓		✓
	S3070	✓		✓

*Working range front only.

(continued on next page)

336 Hydraulic Excavator Specifications

Attachments Offering Guide (continued)

CAT PIN GRABBER COUPLER ATTACHMENTS

Undercarriage		Long Undercarriage				
Counterweight		7.56 mt (16,667 lb) Counterweight				
Boom Type		Reach Boom		HD Reach Boom		Mass Boom
Stick Size		R3.2 (10'6")	R3.9 (12'10")	HD R3.2 (10'6")	HD R3.9 (12'10")	M2.55 (8'4")
Hydraulic Hammers	H140E S	✓	✓	✓	✓	✓
	H160E S	✓	✓	✓	✓	✓
	B35	✓	✓	✓	✓	✓
Multi-Processors	MP324 CC Jaw	✓	✓	✓	✓	
	MP324 D Jaw	✓	✓	✓	✓	
	MP324 P Jaw	✓	✓	✓	✓	
	MP324 S Jaw	✓	✓	✓	✓	
	MP324 TS Jaw	✓	✓	✓	✓	
	MP324 U Jaw	✓	✓	✓	✓	
	MP332 CC Jaw	✓	✓	✓	✓*	✓
	MP332 D Jaw	✓	✓*	✓	✓*	✓
	MP332 P Jaw	✓	✓*	✓	✓*	✓
	MP332 S Jaw	✓	✓	✓	✓*	✓
	MP332 TS Jaw	✓		✓*		✓*
	MP332 U Jaw	✓	✓*	✓	✓*	✓
Pulverizers	P225	✓	✓	✓	✓	
	P235	✓		✓		✓
Demolition and Sorting Grapples	G325B	✓	✓	✓		
	G330	✓	✓*	✓		✓
Mobile Scrap and Demolition Shears	S3035	✓	✓	✓	✓	
Compactors (Vibratory Plate)	CVP110	✓	✓	✓	✓	✓
Thumbs		✓	✓	✓	✓	✓
Rakes		✓	✓	✓	✓	✓
Rippers		✓	✓	✓	✓	✓

BOOM-MOUNTED ATTACHMENTS

Undercarriage		Long Undercarriage				
Counterweight		7.56 mt (16,667 lb) Counterweight				
Boom Type		Reach Boom		HD Reach Boom		Mass Boom
Mobile Scrap and Demolition Shears	S2090		✓		✓	✓
	S3050		✓		✓	✓
	S3070		✓		✓	✓

*Working range front only.

336 Standard and Optional Equipment

Standard and Optional Equipment

Standard and optional equipment may vary. Consult your Cat dealer for details.

	Standard	Optional		Standard	Optional
CAB			ENGINE		
ROPS, standard sound suppression	✓		Cold start block heaters		✓
High-resolution 254 mm (10") LCD touchscreen monitor	✓		Three selectable modes: Power, Smart, Eco	✓	
High-resolution 254 mm (10") LCD touchscreen monitor + additional monitor (for use with Cat GRADE with Advanced 2D or Cat GRADE with 3D)		✓	Automatic engine speed control	✓	
Automatic bi-level air conditioner	✓		52° C (126° F) high-ambient cooling capacity	✓	
Jog dial and shortcut keys for monitor control	✓		Hydraulic reverse fan	✓	
Keyless push-to-start engine control	✓		-18° C (0° F) cold start capability	✓	
Height-adjustable console, infinite with no tool	✓		-32° C (-25° F) cold start capability		✓
Heated seat with air-adjustable suspension	✓		Double element air filter with integrated precleaner	✓	
51 mm (2") seat belt	✓		Dual stage four micron main filter and 10 micron primary filter with water separator and water separator indicator switch	✓	
Tilt-up left-side console	✓		Remote disable	✓	
Bluetooth integrated radio with USB ports	✓		Biodiesel capability up to B20	✓	
12V DC outlets	✓		HYDRAULIC SYSTEM		
Document storage	✓		Boom and stick regeneration circuit	✓	
Rear head storage net and lunchbox storage net	✓		Electronic main control valve	✓	
Cup and bottle holders	✓		Heavy lift mode	✓	
Openable two-piece front window	✓		Automatic hydraulic oil warm up	✓	
Rear window emergency exit	✓		Bio hydraulic oil capability	✓	
Radial wiper with washer	✓		Fine swing	✓	
Lower radial wiper		✓	Reverse swing damping valve	✓	
Openable polycarbonate skylight hatch	✓		Automatic swing parking brake	✓	
LED dome light	✓		High performance hydraulic return filter	✓	
Floor welcome light	✓		Two speed travel	✓	
Roller front sunscreen	✓		Combined two-way auxiliary circuit		✓
Roller rear sunscreen		✓	Medium-pressure auxiliary circuit		✓
Washable floor mat	✓		Quick coupler circuit for Cat Pin Grabber		✓
Beacon ready	✓		(continued on next page)		

336 Standard and Optional Equipment

Standard and Optional Equipment (continued)

Standard and optional equipment may vary. Consult your Cat dealer for details.

	Standard	Optional		Standard	Optional
UNDERCARRIAGE AND STRUCTURES			CAT TECHNOLOGY		
Long undercarriage	✓		Cat Product Link™	✓	
Towing eye on base frame	✓		Work tool recognition	✓	
Track guiding guard, full length		✓	Work tool tracking*	✓	
Track guiding guard, segmented two piece		✓	Laser catcher		✓
Swivel guard	✓		Cat GRADE with 2D and offset memory	✓	
HD bottom guard	✓		Cat GRADE with Advanced 2D		✓
HD travel motor guard	✓		Cat GRADE with 3D connectivity:		✓
Grease lubricated track	✓		– Virtual Reference Station**		
HD swing frame		✓	– Internet Base Service Station**		
HD swing bearing		✓	– Trimble Connected Community**		
Base frame with HD rollers	✓		Cat Assist:	✓	
6.8 mt (14,991 lb) counterweight		✓	– Grade Assist		
7.56 mt (16,667 lb) counterweight		✓	– Boom Assist		
600 mm (24") triple grouser track shoes		✓	– Bucket Assist		
700 mm (28") triple grouser track shoes		✓	– Swing Assist		
800 mm (31") triple grouser track shoes		✓	– Lift Assist		
850 mm (33") triple grouser track shoes		✓	Cat PAYLOAD:	✓	
BOOMS, STICKS AND LINKAGES			– Static weigh		
6.18 m (20'3") Mass boom		✓	– Semiauto calibration		
6.5 m (21'4") Reach boom		✓	– Payload/cycle information		
6.5 m (21'4") HD Reach boom		✓	– USB reporting capability		
2.55 m (8'4") stick		✓	2D E-Fence:	✓	
3.2 m (10'6") stick		✓	– E-ceiling		
3.2 m (10'6") HD stick		✓	– E-floor		
3.9 m (12'10") stick		✓	– E-swing		
3.9 m (12'10") HD stick		✓	– E-wall		
Bucket linkage, TB family with lifting eye, Cat GRADE		✓	– E-cab avoidance		
Bucket linkage, DB family with lifting eye, Cat GRADE		✓	Auto hammer stop	✓	
ELECTRICAL SYSTEM			Remote Services capability	✓	
Maintenance-free 1,000 CCA batteries (×2)	✓				
Centralized electrical disconnect switch	✓				
LED chassis light, LH and RH boom lights, cab lights	✓				
Premium surround working lights		✓			

*Paired with PL161 attachment locator.

**Subscription required.

(continued on next page)

336 Standard and Optional Equipment

Standard and Optional Equipment (continued)

Standard and optional equipment may vary. Consult your Cat dealer for details.

	Standard	Optional		Standard	Optional
SERVICE AND MAINTENANCE			SAFETY AND SECURITY		
Grouped location of engine oil and fuel filters	✓		Caterpillar One Key security system	✓	
Scheduled Oil Sampling (S·O·S SM) ports	✓		Lockable external tool/storage box	✓	
QuickEvac TM maintenance ready		✓	Lockable door, fuel, and hydraulic tank locks	✓	
			Lockable fuel drain compartment	✓	
			Service platform with anti-skid plate and recessed bolts	✓	
			RH handrail and hand hold	✓	
			Signaling/warning horn	✓	
			Ground-level secondary engine shutoff switch	✓	
			Boom lowering check valve		✓
			Stick lowering check valve		✓
			Rear and right-hand-sideview cameras	✓	
			360° visibility		✓
			Falling object guard system (not compatible with cab light cover, rain protector)		✓

336 Attachments

Dealer Installed Kit and Attachments

Attachments may vary. Consult your Cat dealer for details.

CAB

- Radial lower wiper
- LH/RH electrical pedal for tool control
- Dual exit rear window kit
- Rain protector plus cab light cover
- 75 mm (3") retractable seat belt

SAFETY AND SECURITY

- Bluetooth[®] key fob

GUARDS

- Side rubber bumper guard
- Falling object guard system (not compatible with cab light cover, rain protector)
- Mesh guard full front (not compatible with cab light cover, rain protector)
- Mesh guard lower half front
- Full protecting vandalism guard

ELECTRICAL

- Premium lighting package

DRAFT

For more complete information on Cat products, dealer services, and industry solutions, visit us on the web at www.cat.com

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Materials and specifications are subject to change without notice. Featured machines in photos may include additional equipment. See your Cat dealer for available options.

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AEXQ2242-01 (11-2019)
Replaces AEXQ2242
Build Number: 07B
(North America)



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January 17, 2022

CITY OF BETHEL
P O PURCHASES ONLY
PO BOX 1388
BETHEL, Alaska 99559-1388

Attention: Jake Thompson

RE: Quote 258209-01 - QUOTED USING SOURCEWELL-CAT CONTRACT PRICING, CITY OF BETHEL MEMBER # 28863

We would like to thank you for your interest in our company and our products, and are pleased to quote the following for your consideration.

One (1) New Caterpillar Model: 336 Hydraulic Excavator with all standard equipment in addition to the specifications listed below:

STOCK NUMBER: 21W1855

SERIAL NUMBER: TBD - NEW

YEAR: 2022

SMU: NEW

STANDARD EQUIPMENT**POWERTRAIN**

C9.3 ENGINE WITH TIER 4 FINAL EMISSIONS

115 Amp alternator

Double element air filter with integrated Pre Cleaner

Automatic engine speed control

Dual Stage 4 micron main filter and 10 micron primary filter with water separator & water separator indicator switch in fuel line

Capability of using Bio-Diesel fuel

Electric fuel priming pump

Secure start with PIN code

Remote disable

UNDERCARRIAGE

Grease lubricated track GLT2, resin seal

Towing eye on baseframe

HYDRAULICS

Regeneration circuit for boom and stick

Capability of installing HP stackable valve and medium & QC valve

Reverse swing damping valve

Automatic swing parking brake

High performance hydraulic return filter

Two speed travel

EH Main control valve

Hydraulic main pump

Auto warm up & cold lock out

ELECTRICAL

Maintenance free battery

LED exterior lights

Power fuse module

Compatible with electronic technician

Centralized electrical disconnect switch

OPERATOR ENVIRONMENT

Sound suppressed ROPS cab

Emergency exit large rear window

2' orange seat belt

Automatic Bi-Level air conditioner with pressurized function

Washable floor mat

Roller front sunscreen

Roller rear sunscreen

Radio with USB port, bluetooth

LED cab lights

Left side cab mirror

Jog dial interface

Dome interior light and lower light for steps & knob

Two coat hooks

Cup holder & beverage holder

Two stereo speakers

Net lid storage shelf suitable for lunch box & net lid overhead storage

Console storage & rear storage suitable for document folder

Two 12V power outlets, 10 Amp

12V CB radio ready

Sliding upper door window

Warning information, filter/fluid change information, working hour information

Machine condition, error code & tool mode setting information

Neutral Lever lock out for all controls

Travel control pedals with removable hand levers

Pressurized positive filtration operator station

Intake/re-circulation cab air filter

Cat key door entry

Beacon ready

SAFETY AND SECURITY

Caterpillar one key security system

Lockable external tool/storage box

Door locks and cap locks including fuel & hydraulic tanks

Lockable fuel drain compartment

RH handrail & hand hold

Standard visibility mirror package

Signaling/warning horn

Ground level secondary engine shutoff switch in cab

Service platform with anti-skid plate & recessed bolts

Grouped location of engine oil & fuel filters

Sampling ports of scheduled oil sampling

Remote flash

MACHINE SPECIFICATIONS

336 NEXT GEN EXCAVATOR	594-9099
21'4" REACH BOOM	578-1028
12'10" REACH STICK	512-1352
DB BUCKET LINKAGE	521-8024
33" TRIPLE GROUSER TRACK SHOES	511-9759
SEGMENTED TRACK GUIDE GUARD	502-1304
REVERSING FAN	576-5781
COMBINED HYDRAULIC PKG	576-6955
DISCONNECT SWITCH	514-7210
REAR + RIGHT HAND VIEW CAMERA	593-3808
DELUXE CAB	546-0111
2D GRADE ASSIST & BASIC PAYLOAD	516-0550
10" MONITOR	511-9428
PRODUCT LINK, PLE643/PLE743	594-9052
INTEGRATED RADIO	502-7166
JUMP START TERMINALS	504-3550
COLD WEATHER BATTERY	513-4370
BLOCK HEATER, 120V	339-6916
REAR SUN SCREEN	488-6450
MIRRORS	548-0292
COLD WEATHER COOLANT	512-1387
HYDRAULIC PIN GRABBER COUPLER	455-3906
72" 3.24 CYD CLEAN OUT BUCKET WITH BOLT ON CUTTING EDGE	4397323
HYDRAULIC THUMB GROUP	5330902
54" 2.14 CYD HD BUCKET WITH 5 HD ADVANSYS TEETH AND SIDECUTTERS	528-4604
NEW MACHINE PREP / INSTALL & TEST ATTACHMENTS	
1 PAPER SET OF PARTS AND SERVICE MANUALS	
FREIGHT FROM FACTORY, FOB BETHEL DOCKSIDE, AK - VIA SUMMER BARGE	
5 YEAR / 3500 HOUR POWERTRAIN+HYDRAULIC+TECH WARRANTY -TECHNICIAN TRAVEL TIME & MILEAGE NOT INCLUDED	

NEW 2022 CAT 336 NEXT GEN EXCAVATOR LIST PRICE	\$544,698.00
2022 SOURCEWELL CONTRACT DISCOUNT – 15% OFF LIST PRICE	-\$81,704.00
ADDITIONAL CAT NEXT GEN EXCAVATOR 2022 GOV CUSTOMER DISCOUNT	-\$13,360.00
SUBTOTAL	\$449,634.00

NON-CAT PRICE LIST ITEMS

FREIGHT FROM FACTORY - FOB BETHEL, AK	\$59,000.00
NEW MACHINE PREP / WINTERIZATION / INSTALL AND TEST ATTACHMENTS	\$13,000.00
1 PAPER SET PARTS AND SERVICE MANUALS	\$1,200.00
5 YEAR / 3500 HOUR CAT POWERTRAIN+HYD+TECH WARRANTY	\$4,200.00
TOTAL	\$527,034.00

WARRANTY

Standard Warranty:	1 YEAR NEW CAT WARRANTY -TECHNICIAN TRAVEL TIME & MILEAGE NOT INCLUDED
Extended Warranty	5 YEAR / 3500 HOUR POWERTRAIN+HYDRAULIC+TECH WARRANTY -TECHNICIAN TRAVEL TIME & MILEAGE NOT INCLUDED

F.O.B/TERMS: BETHEL, AK VIA SUMMER 2022 BARGE

Accepted by _____ on _____

Signature

We wish to thank you for the opportunity of quoting your equipment needs. This quotation is valid for 30 days, after which time we reserve the right to re-quote. If there are any questions, please do not hesitate to contact me.

Sincerely,

Steven Fisher
Machine Sales Representative
Cell: 907-748-7540
SFisher@NCMachinery.com

Retention Pond Documentation

DRAFT



May 13, 2022

Mr. Peter Williams
City of Bethel
P.O. Box 1388
Bethel, Alaska 99559

**Subject: DOWL Term Contract 2017-2022
Fee Proposal for Planning and Engineering Services
Task Order #31 – CEHH Hydraulics and Hydrology Study – AMENDMENT**

Dear Mr. Williams:

DOWL is pleased to present an amendment to the scope of work and fee proposal for the following task order:

Task Order #31 – CEHH Hydraulics and Hydrology Study

It is our understanding that the City of Bethel (City) wishes to proceed with the construction of a retention basin to mitigate the expected runoff from the area north of Milepost 1.8 on the Chief Eddie Hoffman Highway. We will prepare bid ready documents for the project and provide bid support.

Additional SCOPE OF SERVICES

Design Alternative 1 from the previously prepared hydraulics and hydrology study is the recommended basin. This basin is a maximum of five feet deep with 12H:1V side slopes to minimize the risk of traversing the area via ATV or snow machine and to reduce the visual impact to the residents when the basin is not in use. The basin size will be large enough to assume no infiltration to reflect the worst-case scenario volume and the side slopes will be shallow enough to allow a person to wade out of the basin if they fall in when the basin is storing stormwater.

The DOWL team will convert the planning level design drawings from the H&H study into a design package with plans, specifications, and an engineer's estimate. We will develop construction contract documents using EJCDC standardized contracts and forms and work with the City to facilitate a competitive bid process. We will distribute documents to plan-holders lists and agencies; communicate with interested parties on questions and addenda; and review bids for conformance making a recommendation to the City for award.

ASSUMPTIONS

DOWL has used the following assumptions to generate a fee proposal for this additional scope of services:

- A site visit is not included.
- Permitting and environmental assessment is not included.
- Additional geotechnical investigation is not included.
- Excavated material will be hauled to the City landfill and stockpiled for cover as part of the construction contract.
- The City procurement agent will post the Invitation to Bid and subsequent addenda to the City's website.

- Previous tasks under this task order were to develop designs that the City of Bethel could construct, and these designs were in support of the State of Alaska Department of Transportation required H&H study. We assume this work will require preparing the design documents for a construction contractor to bid the project and construct it.
- DOWL will provide design and specifications for the basins, revegetation, and erosion and sediment control.

SCHEDULE

We understand that the City would like to move forward on this project immediately. We recommend the following schedule for construction in 2022.

100% Construction Documents Four weeks from NTP
Fully Compiled Bid Documents Two weeks after acceptance of 100% Construction Documents
Construction Summer 2022

FEE PROPOSAL

We propose to complete the above-described services for a fee of \$28,000. The fee would be distributed with additional budget on existing Task 3- Hydraulic Design for developing plans, specifications, and the estimate and on new Task 4- Bidding Assistance. The fee is divided amongst Lump Sum and Time and Materials tasks as shown in the following table.

Table 1: Proposed Fee

Task	Contracted Budget	Additional Budget	Amended Budget
Task 1- Site Visit (Lump Sum)	\$8,860	\$0	\$8,860
Task 2- H&H Analysis Report (Lump Sum)	\$17,170	\$0	\$17,170
Task 3- Hydraulic Design (Lump Sum)	\$18,650	\$17,740	\$36,390
Task 4- Bidding Assistance (Time and Materials)	\$0	\$10,260	\$10,260
Total	\$44,680	\$28,000	\$72,680

One monthly statement will be provided showing total fees invoiced for the task. Payment will be expected within 30 days.

Services performed by DOWL under this agreement will be conducted in a manner consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. No other representation, express or implied, and no warranty or guarantee is included or intended in this agreement, or in any report, opinion, document or otherwise.

We trust this provided adequate information for evaluating our proposal. We look forward to working with you on this project and will be happy to answer any additional questions you may have.

Mr. Peter Williams
City of Bethel
May 13, 2022
Page 3 of 3

Sincerely,



Chase Nelson, P.E.
LLC Member/Project Manager

Using the City of Bethel-DOWL Engineering Services Term Contract Standard Conditions, DOWL is authorized to amend Task Order #31 – CEHH Hydraulics and Hydrology Study and proceed with the work immediately.

City of Bethel Authorized Representative

Date

Attachment: Detailed Estimate

DRAFT

DOWL
ESTIMATE FOR PROFESSIONAL SERVICES

PROJECT: TO#31 - CEHH Hydraulics and Hydrology Study AMENDMENT

CLIENT: City of Bethel

WO# 50207.01
DATE: 13-May-22
PREPARED BY: JRS
REVIEWED BY: CAN

PROJECT SUMMARY

Task 1- Design Documents	TOTAL =	\$17,740.00
Task 2- Bidding Assistance	TOTAL =	\$10,260.00
TOTAL ESTIMATED FEES FOR PROFESSIONAL SERVICES	TOTAL =	\$28,000.00

Labor Category	Project Manager	Project Engineer	H&H Senior Engineer	H&H Project Engineer	H&H Engineer Asst.	Document Production	Accounting	TOTALS
	Nelson	Schmetzer	Melocik	MacLeod	Needs	Stevens	Atwood	
Hourly Rate	\$195.00	\$170.00	\$205.00	\$160.00	\$110.00	\$125.00	\$140.00	
Task 1- Design Documents								
Project Management	8	1					1	10
100% Plans			4	24	32			60
Technical Specifications			2	8	12			22
Quantities and Estimate			2	8	16			26
Quality Control			6					6
Subtotal - Hours	8	1	14	40	60	0	1	124
Subtotal - Costs	\$1,560.00	\$170.00	\$2,870.00	\$6,400.00	\$6,600.00	\$0.00	\$140.00	\$17,740.00
Task 2- Bidding Assistance								
Project Management	12						1	13
Fully Compiled Bid Documents		8		4		4		16
Addenda		4	2	4				10
Responses to Bidders		4	2	4				10
Recommendation to Award		4		2				6
Quality Control			4					4
Subtotal - Hours	12	20	8	14	0	4	1	59
Subtotal - Costs	\$2,340.00	\$3,400.00	\$1,640.00	\$2,240.00	\$0.00	\$500.00	\$140.00	\$10,260.00
TOTAL - Hours	20	21	22	54	60	4	2	183
TOTAL - Costs	\$3,900.00	\$3,570.00	\$4,510.00	\$8,640.00	\$6,600.00	\$500.00	\$280.00	\$28,000.00

Suggested Amendment
July 12, 2022

**BETHEL TRANSIT SYSTEM EXPENDITURES SUPPLEMENTAL DOCUMENTATION
(560-50)**

560-50 Bethel Transit System - Heating System \$80,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, for the design, bid, and administration of a new heating system for \$80,000
Seconded By:		Cash in Combined Fund Balance (Account 560-10-100) Before Purchase:
		(\$823,755) Funded by General Fund
		Designated Fund Balance (Account 560-10-100) After Purchase:
		(\$903,755) Funded by General Fund
Vote on Motion:		

Suggested Amendment
July 21, 2022

**WATER & SEWER UTILITY FUND CAPITAL EXPENDITURES SUPPLEMENTAL
DOCUMENTATION
(510-86)**

510-86 Piped Sewer - SCADA System \$75,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, SCADA System for \$75,000
Seconded By:		Cash in Combined Fund Balance (Account 510-10100) Before Purchase:
		\$4,457,518
		Cash in Combined Fund Balance (Account 510-10100) After Purchase:
		\$4,382,518
Vote on Motion:		

*Correction was made to the 'Summary of Motion', by correcting the name of the object meant to be purchased

Suggested Amendment
July 21, 2022

**GENERAL FUND CAPITAL EXPENDITURES SUPPLEMENTAL DOCUMENTATION
(510-81)**

510-81 - Hauled Water - Freight for Water Trucks - \$40,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Freight for Water Trucks for \$40,000
Seconded By:		Designated Fund Balance (Account 510-10-100) Before Purchase:
		\$4,940,343
		Designated Fund Balance (Account 510-10-100) After Purchase:
		\$4,900,343
Vote on Motion:		

Suggested Amendment
July 21, 2022

**GENERAL FUND CAPITAL EXPENDITURES SUPPLEMENTAL DOCUMENTATION
(510-85)**

510-85 Hauled Sewer - Freight for Sewer Truck \$40,000

		Summary of Motion
Moved By:		Motion to approve Capital Expenditure, Freight for Sewer Truck for \$40,000
Seconded By:		Designated Fund Balance (Account 510-10-100) Before Purchase:
		\$4,640,343
		Designated Fund Balance (Account 510-10-100) After Purchase:
		\$4,600,343
Vote on Motion:		

Introduced by: Peter A. Williams, City Manager
Introduction Date: July 12, 2022
Public Hearing Date: July 26, 2022
Action:
Vote:

CITY OF BETHEL, ALASKA

Ordinance 22-22 (a)

AN ORDINANCE AMENDING THE CITY OF BETHEL FISCAL YEAR 2023 OPERATING BUDGET

THEREFORE BE IT ORDAINED by the City Council of Bethel, Alaska, as follows:

SECTION 1. Classification. This is a non-codified Ordinance and shall not become part of the Bethel Municipal Code.

SECTION 2. Fiscal Year Budget Amendments. The following estimated revenues and expenditures are hereby appropriated for the corporate purposes and objects of the City of Bethel for Fiscal Year 2023.

WHEREAS, the Information Technology Department means to re-fund the existing position of IT Technician with an expense total of \$119,791, an amount that includes the wage and benefits of the position for the FY23 fiscal year;

WHEREAS, the physical needs of the City of Bethel network have long since outgrown that which a single onsite employee can handle efficiently and without difficulty;

WHEREAS, the IT Director needs another onsite staff member to help facilitate day-to-day technical support so that he may have more time to devote to projects or administrative duties;

WHEREAS, another onsite staff member in the IT department would create more availability of support especially when certain matters are taking a lot of time to troubleshoot;

WHEREAS, the City of Bethel could benefit from having year-round onsite technical support especially when staff within the IT department takes time off for vacation or other personal matters;

A-1 Information Technology				
Line Item	Description	Approved Appropriations	Proposed Amendment	Proposed Total Appropriations
100-55-15101	Information Technology Services Personnel– IT Technician	0	63,851	63,851
100-55-6010	Overtime	0	5,000	5,000

Introduced by: Peter A. Williams, City Manager
 Introduction Date: July 12, 2022
 Public Hearing Date: July 26, 2022
 Action:
 Vote:

100-55-6023	Leave/Cash Out	5,019	3,193	8,212
100-55-6031	Medicare	1,456	926	2,382
100-55-6032	Unemployment Insurance	1,787	1,137	2,924
100-55-6033	Workers' Compensation	259	164	423
100-55-6034	PERS Contributions	22,084	14,047	36,131
100-55-6040	Employee Group Benefits	25,428	25,428	50,856
100-55-6041	Utility Benefits	4,560	4,560	9,120
10-10100	General Fund (Cash in Combined Fund)	9,776,941	(119,791)	9,657,150
			<i>Total Decrease</i>	

WHEREAS, the Fire Department aims to transition their Administrative Assistant position from a temporary to permanent position. The total expense of this action would be \$56,821, an amount that includes the additional wage and benefits of the position for the FY23 fiscal year;

WHEREAS, the physical needs of manning the Fire Department have long since outgrown the current number of staff to handle all of their tasks and duties efficiently and without difficulty;

WHEREAS, the Fire Department requests a full-time onsite staff member to provide and facilitate the day-to-day administrative support, so that other personnel can have more time to devote to projects and/or additional administrative duties;

A-2 Fire Department				
Line Item	Description	Approved Appropriations	Proposed Amendment	Proposed Total Appropriations
100-60-16111	Administrative Assistant	0	42,783	42,783
100-60-6023	Leave/Cash Out	44,832	2,139	46,971
100-60-6031	Medicare	10,834	620	11,454
100-60-6032	Unemployment Insurance	16,381	762	17,143
100-60-6033	Workers' Compensation	2,377	1,105	3,482

Introduced by: Peter A. Williams, City Manager
 Introduction Date: July 12, 2022
 Public Hearing Date: July 26, 2022
 Action:
 Vote:

100-60-6034	PERS Contributions	202,461	9,412	211,873
100-60-6040	Employee Group Benefits	279,708	25,428	305,135
100-60-6041	Utility Benefits	50,160	4,560	54,720
10-10100	General Fund (Cash in Combined Fund)	9,657,150	(56,821)	9,600,329
			<i>Total Decrease</i>	

WHEREAS, the City of Bethel has four Water Treatment Operator positions, with three vacancies. The City has diligently sought and recruited more Water Treatment Operators;

WHEREAS, in order to relieve our singular employee, Administration seeks to hire a third-party contractor to assist with the various duties and tasks needed to run the Water Treatment facility;

WHEREAS, City Administration requests that \$150,000 be allocated to the City-Sub Water Sewer Treatment Plant to cover the fees associated with hiring a third-party contractor, for their services;

A-3 City-Sub Water Sewer Treatment Plant				
Line Item	Description	Approved Appropriations	Proposed Amendment	Proposed Total Appropriations
510-84-6335	City-Sub Water Sewer Treatment Plant Operational Expenditures – Other Purchased Services	2,000	150,000	152,000
			<i>Total Increase</i>	
510-10100	Cash in Combined Fund	4,870,273	(150,000)	4,720,273
			<i>Total Decrease</i>	

SECTION 3. Effective Date. This Ordinance shall become effective upon the passage by the Bethel City Council.

WHEREAS, the

ENACTED THIS 28TH DAY OF JULY 2022 BY A VOTE OF ___ IN FAVOR AND ___ OPPOSED.

 Mark Springer, Mayor

ATTEST:

 Lori Strickler, City Clerk

City of Bethel, Alaska

Ordinance 22-22 (a)
 3 of 3

Introduced by: Peter A. Williams, City Manager
Introduction Date: July 26, 2022
Public Hearing Date: August 9, 2022
Action:
Vote:

CITY OF BETHEL, ALASKA

Ordinance 21-26 (m)

AN ORDINANCE AMENDING THE CITY OF BETHEL FISCAL YEAR 2022 BUDGET

THEREFORE BE IT ORDAINED by the City Council of Bethel, Alaska, as follows:

SECTION 1. Classification. This is a non-codified Ordinance and shall not become part of the Bethel Municipal Code.

SECTION 2. Fiscal Year Budget Amendments. The following estimated revenues and expenditures are hereby appropriated for the corporate purposes and objects of the City of Bethel for Fiscal Year 2022.

WHEREAS, the City of Bethel's fiscal year ended on June 30, 2022;

WHEREAS, as part of the end of the fiscal year closing adjustments, the Administration seeks to balance all accounts within each fund that has expended \$12,500 or more beyond their budgeted amount;

M-1 General Fund				
Line Item	Description	Approved Appropriations	Proposed Amendment	Proposed Total Appropriations
100-51-6023	Leave/Cash Out	0	21,276	21,276
100-55-6331	Hardware/Software Support	40,000	15,467	55,467
100-56-6040	Employee Group Benefits	25,428	15,638	41,066
100-61-6022	Holiday Pay	0	12,662	12,662
100-61-6711	IT Services	62,712	24,478	87,190
100-65-6711	IT Services	0	22,400	22,400
100-66-6010	Overtime	20,500	44,396	64,896
100-66-6153	Heating Fuel	6,000	19,676	25,676
100-70-6010	Overtime	50,000	36,963	86,963

Introduced by: Peter A. Williams, City Manager
 Introduction Date: July 26, 2022
 Public Hearing Date: August 9, 2022
 Action:
 Vote:

100-70-6153	Heating Fuel	27,000	16,389	43,389
100-10100	General Fund (Cash in Combined Fund)	9,776,942	(460,983) <i>Total Decrease</i>	9,315,958

WHEREAS, the City of Bethel's fiscal year ended on June 30, 2022;

M-2 Special Revenue Funds				
Line Item	Description	Approved Appropriations	Proposed Amendment	Proposed Total Appropriations
270-50-6034	PERS	36,388	12,994	49,382
100-10100	General Fund (Cash in Combined Fund)	9,315,958	(12,994) <i>Total Decrease</i>	9,302,965

WHEREAS, the City of Bethel's fiscal year ended on June 30, 2022;

M-3 Yukon-Kuskokwim Regional Health & Aquatic Safety Training Center				
Line Item	Description	Approved Appropriations	Proposed Amendment	Proposed Total Appropriations
400-50-6153	Heating Fuel	133,710	64,710	198,420
400-50-6711	IT Services	43,439	16,956	60,395
400-10100	YKRHASTC (Cash in Combined Fund)	(1,817,950)	(81,666) <i>Total Decrease</i>	(1,899,616)

WHEREAS, the City of Bethel's fiscal year ended on June 30, 2022;

M-4 Solid Waste Enterprise Fund				
Line Item	Description	Approved Appropriations	Proposed Amendment	Proposed Total Appropriations
500-70-6710	Administrative Overhead	37,951	13,685	51,636
510-71-6710	Administrative Overhead	15,958	14,574	30,532
500-10100	Solid Waste Enterprise Fund (Cash in Combined Fund)	4,117,757	(28,258) <i>Total Decrease</i>	4,089,499

Introduced by: Peter A. Williams, City Manager
Introduction Date: July 26, 2022
Public Hearing Date: August 9, 2022
Action:
Vote:

WHEREAS, the City of Bethel's fiscal year ended on June 30, 2022;

M-5 Water & Sewer Enterprise Fund				
Line Item	Description	Approved Appropriations	Proposed Amendment	Proposed Total Appropriations
510-81-6710	Administrative Overhead	179,862	18,940	198,802
510-82-6710	Administrative Overhead	52,142	22,203	74,345
510-83-6400	Insurance	0	20,591	20,591
510-83-6710	Administrative Overhead	0	61,023	61,023
510-83-6711	IT Services	0	20,202	20,202
510-84-6710	Administrative Overhead	65,756	20,641	86,397
510-86-6710	Administrative Overhead	15,500	17,471	32,971
510-10100	Water & Sewer Enterprise Fund Cash in Combined Fund	4,870,274	(181,071) <i>Total Decrease</i>	4,689,203

WHEREAS, WHEREAS, the City of Bethel's fiscal year ended on June 30, 2022;

M-6 Municipal Dock Enterprise Fund				
Line Item	Description	Approved Appropriations	Proposed Amendment	Proposed Total Appropriations
520-50-6244	Property Maintenance	0	28,747	28,747
520-50-6710	Administrative Overhead	40,634	33,457	74,091
520-50-6711	IT Services	0	26,086	26,086
520-55-6710	Administrative Overhead	21,498	14,913	36,411
520-10100	Municipal Dock Enterprise Fund (Cash in Combined Fund)	4,372,523	(103,202) <i>Total Decrease</i>	4,269,321

Introduced by: Peter A. Williams, City Manager
Introduction Date: July 26, 2022
Public Hearing Date: August 9, 2022
Action:
Vote:

WHEREAS, the City of Bethel's fiscal year ended on June 30, 2022;

M-7 Braund Building Enterprise Fund				
Line Item	Description	Approved Appropriations	Proposed Amendment	Proposed Total Appropriations
530-55-6420	Courthouse Loan Interest	34,500	72,650	107,150
530-10100	Braund Building Enterprise Fund (Cash in Combined Fund)	1,005,145	(72,650) <i>Total Decrease</i>	932,495

WHEREAS, the City of Bethel's fiscal year ended on June 30, 2022;

M-8 Vehicles & Equipment Maintenance Fund				
Line Item	Description	Approved Appropriations	Proposed Amendment	Proposed Total Appropriations
570-50-6150	Gasoline/Diesel/Oil	8,000	28,448	54,448
570-10100	Vehicles & Equipment Maintenance Fund (Cash in Combined Fund)	(572,267)	(28,448) <i>Total Decrease</i>	(600,715)

SECTION 3. Effective Date. This Ordinance shall become effective upon the passage by the Bethel City Council.

ENACTED THIS 9th DAY OF AUGUST 2022 BY A VOTE OF ___ IN FAVOR AND ___ OPPOSED.

Mark Springer, Mayor

ATTEST:

Lori Strickler, City Clerk

Introduced by: Mayor Springer
Date: July 26, 2022
Public Hearing: August 9, 2022
Action:
Vote:

CITY OF BETHEL, ALASKA

Ordinance #22-26

AN ORDINANCE BY THE BETHEL CITY COUNCIL SUBMITTING TO THE QUALIFIED VOTERS OF THE CITY OF BETHEL, ON OCTOBER 4, 2022, A BALLOT PROPOSITION INITIATED THROUGH ALCOHOL LOCAL OPTION PETITION

- WHEREAS;** Alaska Statute 04.11.507(b), Procedure for Local Option Elections, provides: Upon receipt of a petition of a number of registered voters equal to 35 percent or more of the number of votes cast at the last regular municipal election, the local governing body of a municipality shall place upon a separate ballot at the next regular election, or at a special election, whichever local option, change in local option, or removal of local option constitutes the subject of the petition;
- WHEREAS;** following review by the City Attorney, the City Clerk's Office certified a petition application for an alcohol local option question on July 5, 2022, the petition booklets were issued to the petitioners on July 14, 2022;
- WHEREAS;** under BMC 7.100.60, the petition sponsors had 90 days from July 14, 2022 to secure qualifying signatures from registered Bethel voters;
- WHEREAS;** on July 18, 2022, the petition sponsors submitted to the City Clerk's Office the petition booklets for certification review;
- WHEREAS;** on July 18, 2022, the City Clerk certified the petition, the petition sponsors obtained the minimum 165 qualifying signatures from Bethel registered voters (35% of the number of votes casts at the City's last regular election);
- WHEREAS;** pursuant to Alaska Statute 04.11.507(b), upon receipt of a petition of a number of registered voters equal to 35 percent or more of the number of votes cast at the last regular municipal election, the local governing body of a municipality shall place upon a separate ballot at the next regular election, or at a special election, whichever local option, change in local option, or removal of local option constitutes the subject of the petition; and

Introduced by: Mayor Springer
Date: July 26, 2022
Public Hearing: August 9, 2022
Action:
Vote:

WHEREAS; pursuant to Bethel Municipal Code 7.10.070, an ordinance placing propositions and questions before the voters must be adopted by the council not later than forty-five (45) calendar days before a regular or special election, the next of which is August 20, 2022;

NOW, THEREFORE BE IT ORDAINED by the City Council of Bethel, Alaska:

SECTION 1. ELECTION An election is to be held on October 4, 2022, in and for the City of Bethel, for the purpose of submitting a ballot proposition to the qualified voters of the City of Bethel for approval or rejection.

SECTION 2. PROPOSITION The proposition must receive a majority vote of the qualified voters in the City of Bethel voting on the question to be approved. The Proposition shall be substantially in the following form:

Shall the City of Bethel adopt a local option (4.11.491 (a) (2) (A) and (H)), to prohibit the sale of alcoholic beverages EXCEPT through a:

- Restaurant or eating place license, which authorizes the restaurant or eating place to sell beer and wine for consumption only on the licensed premises; AND
- Package store license, limited to selling only beer and wine to a person present on the licensed premises.

☐ Yes

☐ No

IMPARTIAL SUMMARY OF THE CHANGE IN LOCAL OPTION BEING PROPOSED:

The City of Bethel is currently under Local Option allowing the sales of beer and wine at licensed restaurants. This ballot proposition asks if the voters want to add a new type of license to the permitted sales. The City's current law allowing for sales of beer and wine at licensed restaurants will not be impacted by this vote.

YES, you want BOTH licensed restaurants AND package stores (commonly known as a liquor store) to sell only beer and wine to people present at the time of sale.

NO, you want to remain under the CURRENT Local Option which allows for the sales of beer and wine ONLY at licensed restaurants and not package stores.

Introduced by: Mayor Springer
Date: July 26, 2022
Public Hearing: August 9, 2022
Action:
Vote:

SECTION 3. Classification. This ordinance is of permanent nature and shall not become a part of the Bethel Municipal Code.

SECTION 4. Effective Date. This Ordinance shall become effective upon the approval by the Bethel City Council.

**BE IT ENACTED BY THE CITY COUNCIL OF THE CITY OF BETHEL ALASKA,
THIS 9th DAY OF AUGUST 2022, BY A VOTE OF ☐ IN FAVOR AND ☐ OPPOSED.**

Mark Springer, Mayor

ATTEST:

Lori Strickler, City Clerk

CITY OF BETHEL, ALASKA

Ordinance #22-27

AN ORDINANCE BY THE BETHEL CITY COUNCIL AMENDING THE OFFICIAL LAND USE MAP OF BETHEL BY ADOPTING A GENERAL USE ZONING DESIGNATION OF LAND OWNED BY JEANNINE FAULKNER CONSISTING OF A 2.32-ACRE PROPERTY LOCATED AT 2000 BIA ROAD; TRACT A, PLAT 83-42BS; SECTION 11, TOWNSHIP 8N, RANGE 72W, SEWARD MERIDIAN, IN THE BETHEL RECORDING DISTRICT.

WHEREAS, Bethel Municipal Code Section 18.04.050 Zoning, General Provisions, Jurisdiction provides:

- A. The territorial jurisdiction under this title shall include all lands located within the corporate limits of the city. The provisions of this title shall apply equally to private and public property except to the extent prohibited by law.
- B. When the restricted status of a native allotment or other property exempt from local land use regulation is changed to unrestricted status, or loses its protection from local land use regulations, because of sale or official government action, the property becomes subject to the provisions of this title.
- C. Water areas, including frozen waterways, shall be subject to the regulations of the land use district of the land immediately adjacent to the subject water area unless the water area has been given a land use designation that is different from that of the immediately adjacent land.

WHEREAS, Tract A at 2000 BIA Road and all land immediately surrounding it are currently un-zoned properties;

WHEREAS, the City of Bethel Planning Department received a request from Jeannine Faulkner on May 17, 2022 to amend the Official Land Use Zoning Map to apply a General Use zoning designation to her 2.32-acre property at Tract A, 2000 BIA Road in conjunction with GCI's submittal and subsequent approval of a Conditional Use Permit for installing a 95-foot cell tower on the leased, northeast .17-acre section of the property;

WHEREAS, BMC Section 18.36.010, Zoning, general use District GU District, Intent provides:

The General Use District is to allow a mix of compatible residential and commercial uses. Noxious, injurious, or hazardous uses shall not be permitted in the GU district

WHEREAS, Tract A is located in an underdeveloped area approximately 615-feet west of the Blue Sky Subdivision; Tract A abuts sandpit property and one residential property to the west, and a sandpit directly across the street on BIA Road;

WHEREAS, the zoning request satisfies BMC 18.76.040 (B) which provides that the planning department may only recommend approval of the map amendment to the Planning Commission, if it makes and supports the following findings regarding the proposed zoning:

- Is consistent with the Comprehensive Plan
- Is suited to the area
- Is compatible with principle and permitted uses within 1,000 feet
- Constitutes an expansion of an area of the same designation or is at least 2 acres in size
- Has adequate water and sewage availability

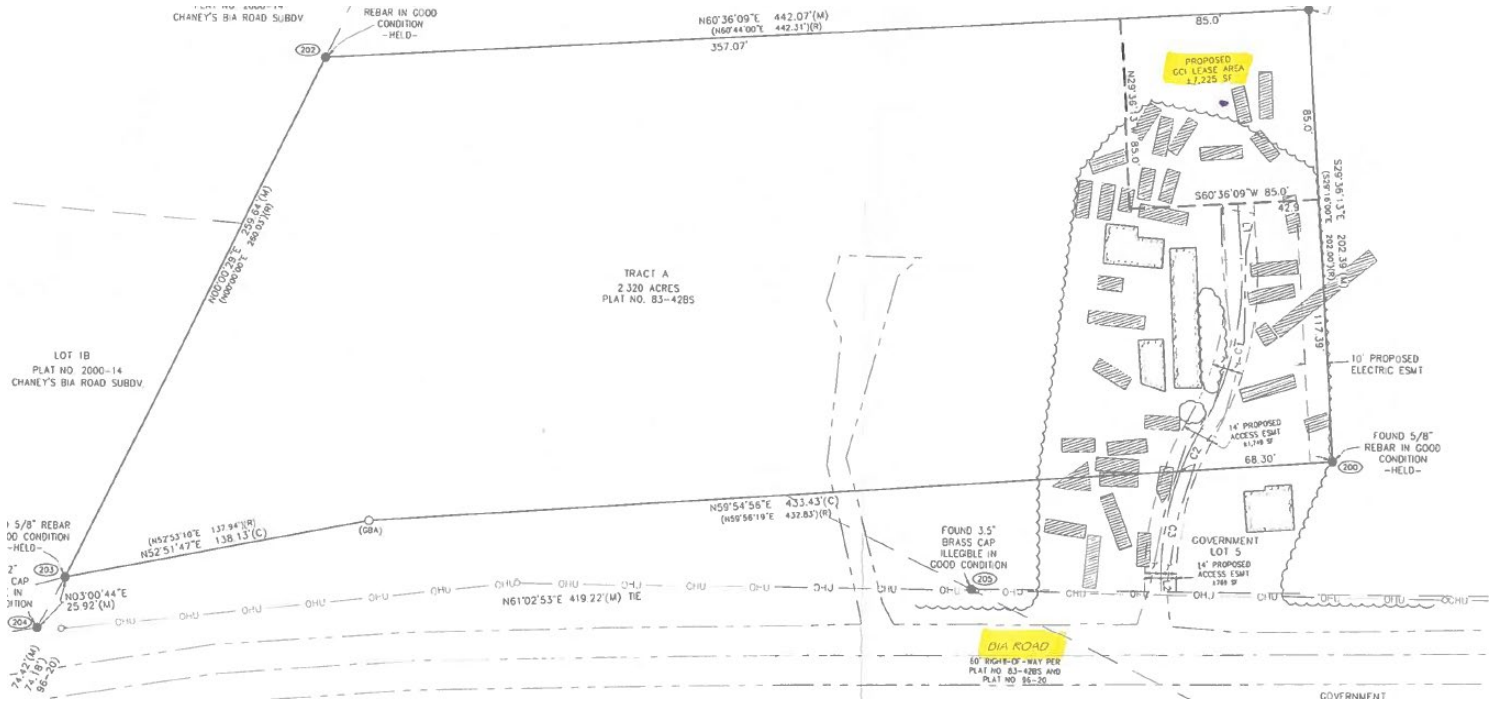
WHEREAS, the Planning Commission held a public hearing on June 9, 2022 to review the General Use Zoning designation request and agreed with the planner that the proposed zoning satisfied BMC 18.76.040((B)(1)-(5)

WHEREAS, the Planning Commission also agreed that all 62 commercial uses classified as principal and permitted uses that are listed in BMC 18.36.020(K) (Permitted and principal uses and structures in the GU district) would be compatible for development of Tract A; and

WHEREAS, the Planning Commission, through Resolution 22-03, recommends that the City Council approve a zoning map amendment to the Official Land Use Map of Bethel that will apply a General Use zoning designation to Tract A, Plat 83-42BS, Section 11, Township 8N, Range 72W, Seward meridian, 2000 BIA Road;

NOW, THEREFORE BE IT ORDAINED by the City Council of Bethel, Alaska that: the Official Land Use Map of Bethel shall be amended to show a General Use zoning designation to the 2.32-acre Tract A, Plat 83-42BS, Section 11, Township 8N, Range 72W, Seward meridian, 2000 BIA Road.

Introduced by: Planning Commission
Introduction Date: July 26, 2022
Public Hearing Date: August 9, 2022
Action:
Vote:



SECTION 1. Classification. This ordinance is of a permanent nature and shall be shown on the Official Land Use Map of Bethel as General Use.

SECTION 2. Effective Date. This ordinance shall become effective immediately upon passage by the City Council.

ENACTED THIS 9TH DAY OF AUGUST 2022, BY A VOTE OF ____ IN FAVOR AND ____ OPPOSED.

Mark Springer, Mayor

ATTEST:

Lori Strickler, City Clerk

RESOLUTION
Bethel Planning Commission
Resolution No. 2022-03

A RESOLUTION OF THE BETHEL PLANNING COMMISSION TO THE CITY COUNCIL RECOMMENDING A ZONING MAP AMENDMENT TO THE OFFICIAL LAND USE MAP OF BETHEL THAT WILL APPLY A GENERAL USE ZONING DESIGNATION TO LAND OWNED BY JEANNINE FAULKNER CONSISTING OF A 2.32-ACRE PROPERTY AT 2000 BIA ROAD; TRACT A, PLAT 83-42BS; SECTION 11, TOWNSHIP 8N, RANGE 72W, SEWARD MERIDIAN, IN THE BETHEL RECORDING DISTRICT.

WHEREAS, Bethel Municipal Code Section 18.04.050A (Zoning Jurisdiction) states the territorial jurisdiction under this title shall include all lands located within the corporate limits of the city. The provisions of this title shall apply equally to private and public property except to the extent prohibited by law, and

WHEREAS, BMC Section 18.04.030B (Zoning Application) states that no structure or land shall be used or occupied and no structure or part thereof shall be erected, moved, or altered except in conformity with the provisions of this Title, and

WHEREAS, BMC Section 18.36.010 states the intent of the General Use District is to allow a mix of compatible residential and commercial uses. Noxious, injurious, or hazardous uses shall not be permitted in the GU district.

WHEREAS, Tract A is located approximately 615-feet west of the Blue Sky Subdivision, and

WHEREAS, the zoning request satisfies **BMC 18.76.040 (B)** which states the planning department may only recommend approval of the map amendment to the Planning Commission, if it makes and supports the following findings regarding the proposed zoning:

- Is consistent with the Comprehensive Plan.
- Is suited to the area.
- Is compatible with principle and permitted uses within 1,000 feet
- Constitutes an expansion of an area of the same designation or is at least 2 acres in size
- Has adequate water and sewage availability, and

WHEREAS, the Planning Commission held a public hearing on June 9, 2022 for reviewing the General Use Zoning designation request and agreed with the planner that the proposed zoning satisfied BMC 18.76.040(B1 - 5), and

WHEREAS, the Planning Commission also agreed that all 62 commercial uses classified as principal and permitted uses that are listed in BMC 18.36.020 (General Uses) would be compatible for development of Tract A, and

NOW, THEREFORE BE IT RESOLVED, the Planning Commission recommends to the City Council to approve a zoning map amendment to the Official Land Use Map of Bethel that will apply a General Use zoning designation to Tract A, Plat 83-42BS, Section 11, Township 8N, Range 72W, Seward meridian, 2000 BIA Road,

PASSED AND APPROVED BY THE BETHEL PLANNING COMMISSION by a duly constituted quorum on this 9th day of June 2022. City of Bethel City Planning Commission Action:

Vote: In Favor: 5 Opposed: 0 Abstained: _____


Kathy Hanson, Chair

ATTEST:

Pauline Boratko, Recorder

Introduced by: Pete Williams, City Manager
Date: July 26, 2022
Action:
Vote:

CITY OF BETHEL, ALASKA

Resolution # 22-07

REQUEST FOR VARIANCE TO FEDERAL MOTOR CARRIER SAFETY ADMINISTRATION REGULATIONS SO THAT ALASKANS CAN COMPLETE SOME OR ALL COMMERCIAL DRIVER'S LICENSE REQUIREMENTS IN BETHEL AND OTHER RURAL AREAS OF ALASKA

WHEREAS, With a population of 6,362, Bethel is the largest rural community in Alaska that exists 400 west of Anchorage, off the central Statewide road network;

WHEREAS, the community of Bethel has 36 miles of road, half of which are paved and mostly managed by the State of Alaska and half of which are gravel and managed by the City;

WHEREAS, the City uses CDL drivers/operators to maintain 18 miles of roadways, driveways, and parking lots by operating graders, dump trucks, bulldozers, rollers, sand spreaders, water sprayers, and water haul trucks to build roads, repair roads, remove snow and vehicles from easements, reduce ice impacts, improve drainage, and other crucial duties;

WHEREAS, the City operates the landfill using CDL holders to operate excavators, front-end loaders, dump trucks, garbage trucks, a sheep's foot compactor, bulldozer, backhoe, and forklift to deposit solid waste from dumpsters, move waste, feed the shredder, haul dirt from the City's sandpit to landfill as cover material, construct roads in and around the landfill, and crush cars, buses, and heavy objects;

WHEREAS, City CDL drivers fill 3,400-gallon water haul trucks and deliver water to 1,600 households and businesses in 10-12 hours a day, six days a week;

WHEREAS, City CDL drivers work 10-12 hours a day, six days a week, to evacuate sewage from homes and businesses by filling 3,400-gallon sewer haul trucks and depositing the contents to the City's sewer lagoon;

WHEREAS, City Port of Bethel CDL drivers operate backhoes to excavate Brown's Slough in winter time, graders for snow removal, dump trucks to move and deposit fill and gravel, front end loaders to lift boats out of the water and move them around at the Small Boat Harbor, and to complete other tasks;

Introduced by: Pete Williams, City Manager
Date: July 26, 2022
Action:
Vote:

WHEREAS, the City Streets and Roads Division must repair and maintain City roads to ensure the roads are safe for use by Hauled Utilities Division water haul and sewer haul drivers and emergency responders;

WHEREAS, the City's ability to recruit and retain CDL water and sewer haul truck drivers is a vital health and safety issue;

WHEREAS, the City has experienced extreme hardship in the last twenty years in its efforts to recruit and retain CDL drivers and equipment operators, but the City's hardship compounded in the last few years when the ability to train and test for CDLs in Bethel was no longer available;

WHEREAS, Bethel community members must currently fly to Anchorage at a cost of \$10,000 for flights, car rental, lodging, meals, and course attendance to go through CDL training in four weeks and complete the written test and road test;

WHEREAS, If Bethel residents and those from nearby villages were able to train for their CDL and test in Bethel, it would cost less, trainees would be home in Bethel or have easier access to their home village, and undergo the training on roads and equipment that they would use in Bethel jobs;

WHEREAS, During the period 2007 to 2017, City of Bethel employees used to provide written test guidance and personally train local individuals how to conduct a proper vehicle inspection and how to safely operate trucks and heavy equipment as preparation for the DMV-sponsored road test;

WHEREAS, immediately after a variance is granted, personnel employed with the State Division of Motor Vehicles in Bethel must be trained to conduct CDL road tests and issue licenses;

NOW, THEREFORE, BE IT RESOLVED the City of Bethel strongly supports a variance to 49 CFR 380.700 Appendix A, Section A 3.1 that will allow a skills test exemption so that Alaskans can earn their commercial driver's licenses in Bethel and other suitable rural communities without having to demonstrate entry and exit of highways and other skills irrelevant to nearly all CDL work in Bethel and other rural Alaska communities;

NOW, BE IT FURTHER RESOLVED that a variance exempting remote Alaska CDL applicants from Appendix A, Section 3.1 of 49 CFR 380.700 is necessary for the City of Bethel to have better access to potential employees holding

Introduced by: Pete Williams, City Manager
Date: July 26, 2022
Action:
Vote:

commercial driver's licenses with tanker endorsement for hire as water and sewer haul truck drivers and CDL holders for hire as heavy equipment operators in order to carry out its essential public services on which the community and visitors depend.

ENACTED THIS 26th DAY OF JULY 2022 BY A VOTE OF ___ IN FAVOR AND ___ OPPOSED.

Mark Springer, Mayor

ATTEST:

Lori Strickler, City Clerk

City of Bethel Action Memorandum

Action memorandum No.	22-21		
Date action introduced:	July 26, 2022	Introduced by:	Mayor Springer
Date action taken:		Approved	Denied
Confirmed by:			

Summary Statement: Accepting the resignation of Vice-Mayor CJ McCormick effective October 11, 2022 and directing the City Clerk to place the one-year term seat on the City of Bethel Regular Election ballot. The certified candidate receiving the fourth highest votes will be elected to fill the one-year term vacated by the resignation.

Attachment(s): Resignation Letter

Amount of fiscal impact:		Account information:
X	No fiscal impact	

Vice-Mayor McCormick submitted a letter of resignation on July 14, 2022, effective October 11, 2022. There is one year remaining in the council term for the seat vacated by this resignation. In accordance with [Bethel Municipal Code 2.04.130](#), a successor of the remaining term shall be elected and serve out the remainder of the term of the vacated council seat.

The certified candidate receiving the fourth highest votes of the qualified voters in the City of Bethel's October 4, 2022, Regular Election will be elected to fill the remainder of Vice-Mayor McCormick's term.

The City Clerk's Office is directed to include the vacancy in office, and the election of the one-year term with the City of Bethel Notice of Election.

To the Bethel City Council and City Administration,

This letter is to inform you all that I will be resigning from my position on the Bethel City Council effective October 11, 2022. I am resigning at this date to allow Bethel citizens to elect who will fill the remaining year of my term. I will be moving on to represent District 38 in the Alaska State House, as I am currently running unopposed.

It has been a great privilege serving the citizens of Bethel and a great experience working with this council and city administration.

When I am elected to my new position in state government, please stay in touch. It is my responsibility and goal to be a resource not only for the city of Bethel, but our region and State as a whole.

Quyana Cakneq,

A handwritten signature in black ink, appearing to read "C.J. McCormick". The signature is stylized with a large, looped "C" and "M".

C.J. McCormick

City of Bethel Information Memorandum

Information Memo No.	22-15		
Date introduced:	July 26, 2022	Introduced by:	Peter A. Williams, City Manager
Amended actions:			
Confirmed by:			

Title: Business License and Sales Tax compliance.

Attachment(s): None

Department/Individual:	Initials:	Remarks:
Administration / Peter Williams		
Finance / Duane Wright	DW	
Amount of fiscal impact:	Account information:	
Hundreds of Thousands of \$	Immediate benefit	

Summary Statement

The office of the Finance Director has been vacant for many years. The absence of a person authorized to pursue the mission of compliance with business licensing and sales tax auditing processes; has resulted in a general deterioration in the level of voluntary compliance in accordance with Title 4 and 5 within the BMC.

The finance director has initiated many new process and procedures to discover, audit and enforce businesses compliance requirements. Below are listed a few of these activities:

- Validating a complete population of “cross-checked” city business licenses with the State of Alaska business licensing information (Secretary of State). Advising businesses who have a State of Alaska license and not a city license to comply. Many have been identified. Waiting on most to comply. Will follow up and determine compliance.
- Random observation and investigation on the part of the finance director for businesses observed in the community. Many audit opportunities determined using this approach.
- A review of City of Bethel utility billing information and “cross-checking” to business licensing and sales tax compliance for rental activities.
- Reviewing sales tax reporting information to identify patterns of inappropriate behavior. Businesses who conically file late, file all ZEROs on returns, skip periods of time to report/pay/file, file returns with unusual pattern, etc.
- Send out audit notices and following up when “ghosted” by individuals, businesses, and organizations.
- Establishing policies and procedures to compliance processes. Including make many professional decisions on appropriate, consistent, and equitable approaches to utilize.

- Final audit selection criteria are and remain the responsibility of the finance director. Today the finance director relies a great deal on professional knowledge, experience, and judgement in selecting who receives an audit notice. The BMC supports this approach and allows the finance director to make the final determination. BMC also doesn't require the auditee to be provided with any disclosure on why they were selected.

The City of Bethel finance directors' office has initiated a process of training the accounting team to look for patterns and activities that suggest lack of compliance. In the past the city was not "proactive" in investigating noncompliance. The goal is to seek enhanced voluntary compliance through improved method of compliance monitoring. We all want the businesses who are entrusted with the tax assessment, collection, reporting and payment to achieve this goal for the financial benefit of all citizens in the City of Bethel. Estimate the current compliance dollar amount at a level significantly less than 50% of realistic compliance dollar amounts based on observations and experience.

MEMORANDUM

TO: CITY COUNCIL

FROM: LIBBY BAKALAR, CITY ATTORNEY 

SUBJECT: SALES TAX FOR AIRFARE AND EXCURSIONS

DATE: JULY 12, 2022

CC: DUANE WRIGHT, FINANCE DIRECTOR; PETER WILLIAMS, CITY MANAGER

I. FACTUAL BACKGROUND AND QUESTION PRESENTED

On June 28, 2022, the City Council was scheduled to consider Ordinance #22-23, “An Ordinance by the Bethel City Council Amending Bethel Municipal Code (“BMC”) 4.16.160, Sales Tax Exemptions and Limitations, Subsection Y, Transportation” which intended to continue taxing the “sale of flightseeing or air/water/shore excursion travel or adventure services that are not charges for transportation of persons or goods on federal airways that are not charges for transportation of persons or goods on federal airways.”

The same day, the Renfros d/b/a “Renfro’s Alaskan Adventures, Inc.”, through their attorney, wrote to the City Manager and asked the City Council to postpone consideration of the ordinance until an opinion from the City Attorney could be issued addressing the following “significant legal issues”:

- (1) the ordinance’s compliance with state and federal law governing the taxation of air transportation or goods by a federally certificated air carrier;
- (2) the taxability of operations and business activities conducted by Renfros that occur outside the City limits of Bethel;
- (3) the improper targeting of specific Bethel businesses, including discrimination based on failure to cap what income is taxable; and
- (4) an “unsupportable distinction” between scheduled flights and on-demand recreational flights.

The Council postponed consideration of the ordinance until these issues could be addressed.

II. BRIEF ANSWER

There is no question that most sales related to air travel are exempt from taxation under state and federal law. Specifically, any sales of air transportation of individuals or goods by a federally certificated air carrier; and taxes, fees or head charges, or other charges on: an individual traveling in air commerce; the transportation of an individual traveling in air commerce; the sale of air transportation; and the gross receipts from that air commerce or transportation—are all exempt from City sales tax.

But the BMC makes clear that the City’s revenue stream and functioning is supported in significant part by diligent compliance with and enforcement of the sales tax code. Every business selling goods or services of any kind in Bethel is required to obtain a sales tax certificate and valid state and city business licenses, and the City is empowered to seek a wide array of administrative and judicial remedies to enforce the sales tax code and collect sales tax.

Each business is responsible for diligent record-keeping, reporting, and filing of sales tax returns, including on remote sales, as applicable. There is a presumption of taxability on all sales, the taxability of sales must be broadly construed, and each business bears the burden of showing the validity of any claimed exemptions. Critically, each business must file tax returns even where no payment is due.¹

Accordingly, each City business hold valid state and city business licenses and sales tax certificates; register with the Alaska Remote Sellers Sales Tax Commission as appropriate; itemize sales; file sales tax returns on the appropriate schedule associated with each business; and clearly claim narrowly-construed exemptions—even for businesses for which no tax may be due based on specified exemptions.

III. LEGAL FRAMEWORK

A. CITY OF BETHEL SALES TAX OVERVIEW

The City has a fiduciary duty to levy and collect sales tax² and is authorized by state law to do so.³ Proceeds from sales tax levied by the City constitute, by far, the principal sources of municipal tax revenue, and a substantial portion of the proceeds of sales tax levied by the City are used to fund essential City services and facilities.⁴ Any sales tax levied by the City that is not

¹ BMC 4.16.240(F): “Any person holding or required to hold a city of Bethel business license shall file a sales tax return even though no tax may be due. This return shall show why no tax is due.”

² BMC 4.16.020(A)(2).

³ See AS 29.45.650 and 29.45.700(c).

⁴ BMC 4.16.020(A)(3)-(4).

properly collected and remitted diminishes the City’s fiscal resources and ability to fund core local government services.⁵

Sales taxes that are not properly collected and remitted shift the financial burden of funding City facilities and services to other taxpayers, citizens, and businesses; to the extent businesses do not properly collect and remit sales tax, those businesses have a distinct and unfair competitive advantage over businesses that are properly collecting and remitting sales tax.⁶

Sales tax is paid by purchasers of goods and services—not by the businesses that collect the tax. To the extent that a business collects but fails to remit sales tax, the business is not meeting its trust obligations and the interests of the City at large, and its citizens suffer.⁷ Bethel area businesses perform a valuable service to residents and visitors to the City, and in turn enjoy the numerous public benefits provided by sales tax.⁸ The City has a duty, function, and responsibility to administer the sales tax code and collect sales tax—with penalties and interest when due—and to issue citations for violations of the sales tax code.⁹

The application of the sales tax levied under the BMC is broadly construed and favors inclusion rather than exclusion; conversely, exemptions from sales tax must be narrowly construed against the claimant and allowed only when the exemption is clearly defined.¹⁰ These exemptions are explicitly set forth in the BMC sales tax code.¹¹ In order to prevent evasion of sales tax and to aid in administration of the BMC, it is presumed that all sales by a person engaging in business are subject to sales tax.¹²

The City levies a sales tax “on all retail sales, services, and rentals that commence within the city, or which are in any part rendered, supplied or provided within the city,” except as otherwise expressly provided.¹³ The tax rate is 6% for most sales and services;; the sales tax is paid by the buyer, and due and added to the sales price at the time of sale, held in trust by the business for the benefit of the City, and the seller’s failure to collect sales tax does not impact the

⁵ BMC 4.16.020(A)(5).

⁶ BMC 4.16.020(A)(6)-(7).

⁷ BMC 4.16.020(A)(8).

⁸ BMC 4.16.020(A)(9).

⁹ BMC 4.16.020(A)(10).

¹⁰ BMC 4.16.030.

¹¹ See BMC 4.16.160-200.

¹² BMC 4.16.040(A).

¹³ BMC 4.16.040(B).

business's tax liability to the City.¹⁴ Every business engaging in taxable transactions in the City must procure a sales tax collection certificate and a business license from the City Finance Department, and also provide proof of an Alaska State business license.¹⁵

Businesses are required to regularly file returns and maintain detailed records of their taxable transactions, depending on the nature of the business.¹⁶ Businesses must also determine in the first instance whether a sale is exempt from taxation, and, if their determination is wrong, is liable to the City for uncollected tax.¹⁷

B. ENFORCEMENT OF THE SALES TAX CODE

The BMC gives the City numerous tools to enforce the sales tax code, including administrative and judicial remedies.

For example, the City may file for a superior court injunction prohibiting a business from continuing to conduct business against any business that has failed to file a sales tax return or filed a return without payment due.¹⁸ There is an administrative process for revocation of sales tax certificates.¹⁹ The Code imposes a penalties and interest schedule on all late-filed sales tax reports and delinquent taxes, and allows delinquent sellers to enter into repayment plans with the City.²⁰

The City is not bound to accept a sales tax return as correct, and the finance director may make an independent investigation (audit) of any business in the City; additionally, the city manager may issue subpoenas to compel attendance or require production of sales tax records.²¹ The City may impose estimated tax with a three (3)-year lookback period beginning on the date the return was filed or due to be filed with the City.²² The Code also provides that taxes due constitute a lien on a seller's real and personal property, arising and attaching at the time that payment becomes delinquent, and such liens may be recorded and foreclosed upon.²³

¹⁴ BMC 4.16.070-.080.

¹⁵ BMC 4.16.090; BMC 5.04.

¹⁶ BMC 4.16.150; BMC 4.16.240-250; BMC 4.16.330.

¹⁷ BMC 4.16.210.

¹⁸ BMC 4.16.120.

¹⁹ BMC 4.16.130.

²⁰ BMC 4.16.270-280.

²¹ BMC 4.16.350.

²² BMC 4.16.360.

²³ BMC 4.16.410.

In addition to citations for violations of the sales tax code, the City may bring a civil action in superior court to enjoin violation of the tax code; collect delinquent sales tax; recover civil penalties of up to \$500 for each violation; interest of 20% on unpaid balance; recovery of actual costs for audit activities; and foreclose a recorded sales tax lien.²⁴ There are a few examples of costs associated with non-compliance with the BMC.²⁵ Nothing in the BMC prevents the City from filing and maintaining a superior court action to recover any taxes, penalties, interest, and fees—including reasonable attorney’s fees—from a delinquent seller.²⁶

C. THE ALAKSA REMOTE SELLERS SALES TAX CODE

In April of 2020, the City adopted the Uniform Alaska Remote Sellers Sales Tax Code.²⁷ In so doing, the City joined a statewide commission that assists the City in imposing sales tax on “remote sales,” “marketplace facilitators,” and “remote sellers” as defined in BMC 4.16A. The Alaska Remote Sellers Sales Tax Commission (ARSSTC) helps local governments with developing, implementing, and enforcing a remote seller sales tax code.

The City Council recognized that the inability to effectively collect sales tax on sales of property, products, or services transferred or delivered into Alaska in response to orders placed electronically by consumers with remote sellers seriously erodes the sales tax base of communities, causing revenue loss and harm to residents through the loss of critical funding for local public services and infrastructure.²⁸

The Council further recognized that harm from such losses is especially acute in Alaska, because the state lacks an income tax, and sales tax revenues are the backbone of funding for municipal services. The failure to collect tax on remote sales creates market distortion by giving tax shelters to businesses that limit their physical presence in the state, cities, and boroughs but still sell their goods and services to consumers—an issue that becomes more prevalent as technology continues to advance.

Additionally, the structural advantages for remote sellers—including the absence of point-of-sale tax collection—make clear that the erosion of a sales tax base is a serious and growing concern, and remote sellers who make deliveries into or have large gross revenues benefit from the Alaska market and local infrastructure.

To implement single-level statewide sales tax administration, various local taxing jurisdictions in Alaska—including Bethel—joined the statewide Alaska Remote Sellers Sales Tax Commission (ARSSTC) to delegate the collection and remittance of municipal sales tax applicable

²⁴ BMC 4.16.420-430.

²⁵ BMC 4.16.270; 4.16.420(c)

²⁶ BMC 4.16.430.

²⁷ See Resolution #20-02 and Ordinance #20-06, available online on the City’s website.

²⁸ *Id.*

to sales made by remote sellers. The intent of the City and other members is to enable taxing jurisdictions to levy municipal sales tax to the maximum limit of state and federal law.

The applicable tax rate on remote sales is the same as that of the taxing jurisdiction where the property or product is sold, or service is rendered or received, as of the date of sale or service rendered.²⁹ Any “remote seller” or “marketplace facilitator” must collect and remit sales tax in compliance with all applicable law, provided the remote seller or marketplace facilitator meets one of two “threshold criteria” in the previous calendar year:

- (1) statewide gross sales meeting or exceeding \$100,000; OR
- (2) sales delivered into the state in 200 or more separate transactions.

For purposes of determining whether the threshold criteria are met, “remote sellers or marketplace facilitators must include all gross sales, from all sales of goods, property, products, or services rendered within the state of Alaska.”³⁰ Remote sellers and marketplace facilitators are required to register with the Commission if they meet either of these criteria within the last calendar year.³¹

Under the Code, “remote sales” is defined as “sales of goods or services by a remote seller or marketplace facilitator.” “Remote seller” is defined as “a seller or marketplace facilitator making sales of goods or services delivered within the state of Alaska, without having a physical presence in a taxing jurisdiction, or conducting business between taxing jurisdictions, when sales are made by internet, mail order, phone, or other remote means.” A “marketplace facilitator” is considered a “remote seller” for each sale facilitated through its marketplace.

In turn, a “marketplace facilitator” is defined as “a person that contracts with remote sellers to facilitate for consideration, regardless of whether deducted as fees from the transaction, the sale of the remote seller’s property or services through a physical or electronic marketplace operated by the person” and engages in certain transactions and activities.³²

D. MUNICIPAL TAXATION OF AIR TRAVEL

Both state and federal law limit the City’s ability to tax sales of most air travel. Specifically, and as the Renfros have stated, under AS 29.45.820, which is titled “Taxes or fees on transportation by certain air carriers prohibited,” “a municipality may not levy or collect a tax or fee on the air transportation of individuals or goods by a federally certificated air carrier other

²⁹ BMC 4.16A.030.

³⁰ BMC 4.16A.040.

³¹ BMC 4.16A.070.

³² BMC 4.16A.250.

than a tax or fee authorized under 49 U.S.C. 40116(e) or 40117.” Bethel is a general law second-class City to which this section applies.³³

Federal law at 49 U.S.C. 40116(b) prohibits a state or political subdivision of a state from collecting “a tax, fee, head charge, or other charge on: (1) an individual traveling in air commerce; (2) the transportation of an individual traveling in air commerce; (3) the sale of air transportation; or (4) the gross receipts from that air commerce or transportation.

IV. ANALYSIS

A. Taxability of Air Travel and Ordinance #22-23

As noted above, the City is prohibited from applying sales tax to certain air travel. The Renfros have provided the City with a certificate issued by the federal Department of Transportation, Federal Aviation Administration indicating that they are a “federally certificated air carrier.”

Ordinance #22-23, which amends BMC 4.16.160(Y)(5), Exemptions and Limitations on Exemptions, provides in relevant part:

The portions of a sale that are charges for recreational flight seeing or air/water/shore excursion travel or adventure services are not exempt, unless otherwise exempted by AS 29.45.820.

The ordinance could be clearer by adding the language “or federal law” after “AS 29.45.820,” but as the “whereas” clauses that precede the ordinance language indicate, the Council “intended to continue to tax the sale of flightseeing or air/water/shore excursion travel or adventure services *that are not charges for transportation of persons or goods on federal airways.*”³⁴

For example, many guide services that use or own airplanes provide additional services and personnel associated with an adventure/excursion operation: the cost of food, supplies, materials, guides, naturalists, etc. The exempt air travel component of the sale must be itemized out from the overall cost of additional goods or services, if any, as those goods and services may be taxable.

B. Taxability of Remote Sales

The Renfros assert that “[a] substantial portion of the operations and business activities conducted by Renfro’s occur outside of the city limits of Bethel. The City cannot charge a sales tax for that.”

³³ AS 29.04.030(5) and AS 29.45.820.

³⁴ Emphasis Added.

Absent more specific information about the Renfro's "operations and business activities," this blanket assertion is incorrect as a matter of law. As noted above, the City adopted the Alaska Remote Sellers Sales Tax Code and joined the ARSSTC precisely to deal with the revenue impacts and tax implications of remote sales on Alaska's municipalities.

To the extent the Renfros' business activities meet either of the two threshold criteria for remote sales, they are required to register with the ARSSTC. As noted above, remote sellers and marketplace facilitators are required to register with the Commission if they meet either of the threshold criteria within the last calendar year.

C. Discrimination Against Renfros, Distinction Between Flight Types, and Tax Caps

The Renfros assert that Ordinance #22-23 appears "to draw an unsupportable distinction between scheduled flights and on-demand recreational flights" and "to discriminate against the targeted business or businesses by not providing a cap on what income is taxable, as the City's tax code does in other areas."

The first part of this assertion is addressed in the above discussion of the taxability of air-travel and other types of goods and services associated with an adventure/excursion operation. With respect to the Renfros' second assertion about tax caps, the City does not tax income—it taxes sales. Certain tax caps are present in the exemptions to sales tax at BMC 4.16.160. Specifically, ATV's, recreational vehicles, and boats are taxed to \$3,500.³⁵ That portion of the selling price for a single piece of equipment or tangible personal property in excess of \$10,000 may be exempt under certain circumstances.³⁶ Finally, that portion of the selling price of a single service that exceeds twelve thousand dollars (\$12,000) is exempt, subject to federal adjustments.

These tax caps (and all exemptions) provided in BMC 4.16.160 reflect legislative policy choices about what sales are taxable or not and to what maximum, not discrimination. Moreover, to the extent Renfros provides a single service over \$12,000, that service is exempt over that dollar figure.

V. CONCLUSION

Ordinance #22-23 simply clarifies that air travel that is not taxable under state and federal law remains exempt from city sales tax, but other types of travel and sales attendant to that air travel are not.

The fact that there are few businesses engaging in the flight excursion and charter business has no bearing on the tax liability of those businesses, nor does enforcement of the sales tax code against such businesses constitute "discrimination."

Simply put, in order to continue doing business in the City, each business must hold a valid sales tax certificate and valid state and City business licenses for each individual business.

³⁵ BMC 4.16.160(B) and (Q).

³⁶ BMC 4.16.160(K).

Any exemptions from sales tax—including those for air travel—must be itemized out and clearly claimed by business. Each business must timely file sales tax returns and are subject to all provisions of the BMC tax code, including remote sales, enforcement, and penalties for non-compliance.

Encl. June 28, 2022 Ltr. from Winner to Williams
Draft Ordinance #22-23



CITY OF BETHEL
P.O. Box 388
Bethel, Alaska 99559
Ph. (907) 543-4150
Fax (907) 543-3817

MEMORANDUM

DATE: July 6 – July 19, 2022
TO: City Council
FROM: Peter Williams, City Manager
RE: Managers' Report

Covid-19 – Masks, hand cleaner, and testing kits are still available. The test kits we have are out of date. The manufacturer told us we could extend the shelf life of the masks we have for three months. It appears the number of cases being reported is increasing.

Daily Log

July 6 – 1) Met with the Fire Chief. 2) Met with Admin. personnel to discuss a drug policy. 3) Met with Admin to discuss the CBA with the APEA. The APEA will meet with us after July 25. 4) Met with Admin. to discuss issues concerning the delinquent sales tax accounts and City business licenses.

July 7, 1) H.R., Finance Dept, and myself met with HRPro to discuss the employee's health care plan and open enrollment. 2) Reviewed Memo about airfare excursions 3) discussed Delta Westerns for fuel services with the finance director. 4) Reviewed comments about the PFP for managing the pool. 5) Planning Dept submitted the final approvals needed for 455 Katley Hatley. 6 Have had several discussions with the H.R. Manager. H.R. Dept, directors of the Finance and Fire Depts. met to discuss personnel. 7) P.W. director stopped by the A.K. Job Ctr.

July 8 1) Contacted an applicant interested in the Police Chiefs position. 2) Answered questions about the hydrographic survey. 3) Reviewed RFP for managing the pool. 4) USACE reported they were pleased with the meeting with the staff at the Port. The USACE reported that they were pleased with the condition of the seawall, rip-rap, and embankments. We will see an official report later.

July 11- 1) Administration met with the Director of the UAF/Kuskokwim campus to discuss developing a trail between the college and the hospital. 2) discussed sales tax collections with the Finance director. 3) Received the agreement between YKHC and the City to enable the fire Dept. to drop off inebriates directly to the Sobering Center, bypassing the Emergency Room at the hospital. 3) Attended the P&R meeting. The committee decided to recommend to the council that the feasibility study for expanding the Center to add a gym be dropped. The committee recommends

July 12 – 1) Administration met with the USDA concerning the Aves. Project. The revised design for this project should be completed this coming fall. We have three new service agreements that will have to be completed. The project will then go out to bid. 2) Discussed the Bethel Comp Plan with the DOWLS team. They will spend July and August putting together a draft of the plan. Discussed the transit system with them. 3) Met with DOWL to develop a concept plan for a new public works building. 4) Met with UAF and the city Planner to discuss the trail between the college and the hospital. 5) Met with the Finance director to discuss purchasing and BTAs.

July 13 – 1) We were notified that the roof at YKFC is leaking. We notified the PM with DOWL. The PW Director and DOWL will have the Fire Dept. hose down the roof one section at a time to try and determine where the leaks are coming from. 2) Signed Compensation Disclosure with Wilson-Arbers. 3) Discussed a citizen's complaint with the City Planner regarding erosion on their property allegedly caused by fill from an adjacent property. 3) Discussed the transit systems routes with the Transit Manager, and they will start servicing the YKFC. Expanding the. 3) Administration met to discuss our work on a reply to the Union about the final offer concerning the CBA.

July 14 1) Discussed employee wages with the H.R. Manager, and the P.W. routes will have to wait till we receive some new buses in 2023. 2) Key Bank investment manager meets with the Finance Dept and me to discuss an investment strategy for funds we have with Key Bank. 3) Met with Brilliant Meda to discuss the monthly newsletter. 4) The Transit System had 22,330 riders last year. 5) There have been ongoing discussions this week about collecting delinquent sales taxes and city business licenses. The finance director and the city attorney have been involved in most of the discussions. 6) RFP was issued for a company to manage the pool. 7) Discussed purchasing procedures, BTAs, and end of the month vs. end of the year reporting. Right now, we report everything at the end of the year. If we used the end of the month, no other invoices would be applied to that month. Right now, you could think that you had reported everything in one month and two months later find out that monthly totals had changed from the last time you reviewed the BTA for that month. This is also tied to purchasing. If when a purchase was made, our system encumbered the purchase against a department's budget, there would be less

chance. that a line item would exceed the budget. The finance Dept is working on these issues.

July 15- 1) The Finance Director, City Attorney, and I met to discuss sale tax enforcement. Reviewed delinquent sellers code, BMC 4.16.400 2) Reviewed and signed checks. 3) Reviewed Admins BTA's with the Finance Dept.

July 18 – 1) Reviewed the final draft of the Feasibility Study for the pool. I think the only way we are going to pay for what we currently have and to expand the facility will be to raise taxes. We could increase the percentage that is being tanked from the various taxes in play now or raise the rate of the sales tax by the vote of the citizens of Bethel. 2) Rep. from APEI arrived to inspect the City Buildings. 3) Reviewed proposed Budget Modifications from the Finance Dept. 4) Reviewed a proposal concerning the CBA.

July 19 – 1) Met with the H.R. Director to discuss a plan to hire a Police Chief. We will meet with L.T. Poole this week to review the applications that we have received. Extended an invitation to a former city planner, asking if he would be interested in applying for the position. 2) The Administrations' negotiating team met to discuss the CBA. We have worked out a final offer for the APEA. Their representatives will meet after July 25 to consider our offer. 3) Helped with a resolution concerning Commercial Drivers Licenses.

Peter Williams
Bethel City Manager

PROJECT: Public Works Facility DATE: 7/12/2022
PROJECT NUMBER: TO #50 TIME: 2:00 PM
ORGANIZER: Jennifer Schmetzer SUBJECT: Project Kick-Off Meeting

ATTENDEES:

Pete Williams, City of Bethel
Bill Arnold, City of Bethel
Dave Moore, Architects Alaska
Steve Schell, Architects Alaska
Chase Nelson, DOWL
Jennifer Schmetzer, DOWL

This meeting kicks off the Public Works Facility replacement study.

PROJECT TEAM

The project team includes the City of Bethel, Architects Alaska, and DOWL. Team contacts are:

City of Bethel

- Pete Williams, City Manager, cc on all communications
- Bill Arnold, Public Works Director, primary project contact

Architects Alaska

- Dave Moore, project manager, cc on all communications
- Steve Schell, project architect, primary project contact

DOWL

- Chase Nelson, project manager, cc on all communications
- Jennifer Schmetzer, project engineer, primary project contact

PROJECT OVERVIEW

The project deliverable is a Concept Development Memorandum which will include discussion on the following items:

- Current location, utilities, site access
- Changes to building space or layout requirements
- Potential replacement building foundation system
- Potential replacement building footprint

Facility replacement will be included as part of the City of Bethel long term capital improvement plan. The Concept Development Memorandum will identify high level funding requirements for full design and construction of the new facility.

FACILITY NEEDS

The facility currently houses the following groups:

- Utility Billing – office space with a foyer/window for helping customers
- Property Maintenance – office/storage space, outdoor loading area
- Public Works Director – office space for director and staff
- Water/Sewer Dispatch – office space for dispatch, foreman, and drivers
- Water/Sewer Trucks Parking – vehicle space for parking of water and sewer trucks
- Vehicle & Equipment (V&E) Repair – vehicle space for maintenance
- Streets & Roads – vehicle space - note that Streets & Roads will be making a permanent move to the old bus barn, no accommodation should be made in the new facility
- Restrooms – include showers, currently combined male/female
- Sauna Room (not needed)
- Break Room (not needed)

Note that Planning & Zoning used to be located at the Public Works facility but has moved to City Hall/Courthouse area. The move is expected to be permanent, and no accommodation should be made in the new facility.

Site/Building Layout

The City will need to continue using the current facility while the new facility is constructed. They would like to see the new facility located north of the current facility within the area currently designated for Public Works use. See aerial clip below. The area to the west of the site is also City owned, but not yet designated for Public Works.



When fully staffed, Public Works has 51 employees with customers often stopping in the Utility Billing office. Often up to five customers may be present at the same time. Currently employees and customers park anywhere around the lot. The new facility should provide designated employee and customer parking areas. The new facility should include an obvious public façade or front entrance that is separate from the employee office or garage entrances.

A new generator has been installed in the current facility that will need to be moved to the new facility. The current facility also uses waste oil burners for quick heat recovery when the doors are overhead doors are opened in winter. While the burners are no ideal, they do provide an easy method for disposal of used oil and should be provided in the new facility.

Vehicle parking areas in the new facility for the water and sewer trucks can be maintained at 50 degrees, but the maintenance areas used by V&E should be heated to 68 degrees.

As much natural light as possible should be included in the new facility. Architects Alaska suggested using translucent wall panels for better thermal performance than windows. These would be similar to what is installed in the gallery at the YK Fitness Center pool.

There is an outside fuel station on site that needs to be improved. Currently there is an old pump connected to two Greer tanks (2,000 and 3,000 gallons). There is no spill containment provided. One tank with two pumps would be ideal, updated to be able to electronically track usage.

Sewage from the new facility may need to be piped directly to the lagoon. An oil/water separator will be required.

Office/Storage Space

All office and storage spaces should be located separately from the vehicle space to maximize space usage for vehicle parking and maintenance.

Utility Billing

Utility Billing is currently located on the second floor where there is no ADA access. It would be ideal to have Utility Billing on the main floor with a separate public access. The new space should be bigger than the current space to accommodate customers waiting for service (up to five customers at a time). Employee and customer space should remain separated with a foyer/window for interactions.

Property Maintenance

Assume the same amount of storage and office space is needed in the new facility as is provided in the current facility. There is a loading dock outside for moving large amounts of material. A separate small bay may be a better solution for the new facility allowing direct access to the storage area. There used to be a carpenter shop that was dismantled for the new boilers. A shop should be provided in the new facility to house the chop saw, planers, sanders, table saw, work bench, etc.

Public Works Director

Public Works is also located on the second floor where there is no ADA access. A conference room should be included in the proposed facility. Current conference room was used as planning department storage.

Water/Sewer Dispatch

The current dispatch space is too small. This space should accommodate uses for dispatch as well as the water/sewer truck foreman and the drivers. When fully staffed, this space should accommodate 20 drivers.

Vehicle Space

There are two bay doors at the current facility. Each accommodates a separate use: water/sewer vehicle storage, V&E and streets/roads. Vehicles entering the bays must back out in a tight space avoiding other vehicles, materials, and equipment. Accidents are frequent resulting in light damage (broken mirrors, etc.). The new facility should have doors on each side of the building to accommodate driving in one side and driving out the other. This would eliminate the need to maneuver vehicles back and forth around objects. Parking could be accommodated bumper to bumper, opening additional space for other things or reducing overall space. Architects Alaska provided a general sketch with overhead doors on the long axis and vehicle bays separated by other uses.

The floor surface at the current facility is steel and there is a tendency to track in mud, etc. but cleaning is difficult. A concrete surface is a better idea. This could be accomplished with thermosyphons under a concrete slab on grade. Cost of concrete in Bethel is expensive, but may be accommodated in support of an at grade facility.

Note that in the winter one garbage truck is typically parked inside the facility. Also, the D6 used to be parked in the building, but the existing foundation cannot support the weight. A slab on grade may allow for the D6 to be parked in the building again.

Water/Sewer Trucks Parking

Seven water trucks and seven sewer trucks are parked inside in winter. Water trucks are parked full of water, note the gross vehicle weight of a MAC truck is 64,000 pounds fully (including 3,000 gallons of water). In summer the sewer trucks are parked outside. Note that additional trucks may be needed in the future as Bethel continues to develop new subdivisions. The public has voiced concern on water/sewer trucks being in the same space. If possible, the new facility should provide a dividing wall of some kind. Note the trucks often leak resulting in puddling on floor. The new facility needs to have adequate floor drainage.

V&E Repair

The new facility should accommodate V&E parking for four large trucks, three small trucks, a lift for each type of truck, a welding area, work benches, compressors, etc. A parts storage room should also be included. This could be two rooms, one with materials/equipment that is not often used. Smaller trucks are 5-ton, larger trucks are 20-ton. All fueling is done outside, but oil changes/lubes/etc. are done in the maintenance bays. There needs to be storage for oil/lube. Tire storage should also be provided, but can be outside of the facility, possibly under a lean-to or in a shed of some sort. Note that each truck uses 10 tires and there are 24 trucks total.

Restrooms

In the new facility, there should be separate public and employee restrooms. The employee area will need lockers, showers, and laundry equipment. Separate areas should be provided for men and women.

MEETING SUMMARY

Old Facility

Once the new facility is constructed, the City would like to use the old building for cold storage especially in winter, keeping vehicles or other materials/equipment out of the snow and ice.

TASK ASSIGNMENTS:	ASSIGNED TO:	DUE BY:
♦ Interim meeting to discuss initial layout sketches.	DOWL	TBD
♦		



Governor Mike Dunleavy
STATE OF ALASKA

March 25, 2022

Ms. Nikki McDavid
Chief, Commercial Driver's License Division
Federal Motor Carrier Safety Administration
1200 New Jersey Avenue SE
Washington, DC 20590-0001

Dear Ms. McDavid:

The State of Alaska formally requests a variance to 49 CFR 380.700 Appendix A, Section A 3.1. These regulations took effect on February 7th, 2022, and will have a deleterious impact on Alaskans if a variance is not granted. Alaska is a unique State due to its geography and limited infrastructure relative to the lower 48 states. There are over three hundred cities and villages not connected to the National Highway System (NHS). Most remote communities have just a few lane miles of unpaved two-lane roads. This vast geographic landscape presents unique and exceptional challenges, which have been historically recognized (exempted) by the Federal Motor Carrier Safety Administration (FMCSA).

The US Department of Transportation, FMCSA, regulations that took effect in February require commercial driver license (CDL) students to demonstrate proficiency at skills that are not necessary, nor able to be demonstrated in remote Alaska communities. Specifically, these regulations require driver-trainees to demonstrate proficiency in proper techniques for entry and exit on the interstate or controlled access highway, but these remote communities do not have the infrastructure or driving scenarios sufficient to meet this demand in the new regulations.

During a previous rule change, as part of the Commercial Motor Vehicle Safety Act of 1986, the Alaska Congressional delegation, FMCSA, and Alaska Division of Motor Vehicles (DMV) recognized Alaska's challenges in licensing commercial drivers working in remote Alaska. At that time, Alaska successfully petitioned FMCSA for a skills test exemption for remote Alaska commercial drivers and created the only off-highway licensing program in the nation. Alaska has responsibly managed this program for over three decades and has provided a way for over 300 rural communities to employ licensed commercial drivers in their communities.

However, the new regulations define off-highway licenses under 49 CFR 383.3(e)(2)(ii) of average daily traffic count of 499 or less, which excludes many remote Alaska communities, so their commercial drivers are now subject to the new ELDT requirements. This will have

Ms. Nikki McDavid

March 25, 2022

Page 2 of 2

devastating impacts on rural Alaska's movement of produce, prescriptions, people, and other goods.

On average, Alaska's DMV issues nearly 1,600 new CDLs each year, and approximately 320 of those are issued to residents working in remote Alaska communities. Without a variance from Section 3.1 of the new ELDT requirements, residents of communities off the NHS will be required to fly into a larger city to meet that requirement. This will cost them an estimated \$10,000 in training costs, flights, lodging, and meal expenses. These costs do not take into consideration other relevant factors like lost wages, or that many Alaskans are unable to be away from their families as they are the primary caregiver.

Without a variance, I am deeply concerned that these regulatory changes will pose significant logistical and financial burdens and have a substantial negative impact on Alaska's remote economies.

For these reasons I am requesting a variance exempting remote Alaska CDL applicants from Appendix A of 49 CFR 380.700 Appendix A Section 3.1. Thank you in advance for your consideration.

Sincerely,



Mike Dunleavy
Governor

cc: The Honorable Lisa Murkowski, United States Senate
The Honorable Dan Sullivan, United States Senate
Congressional Office for Alaska
The Honorable Paula Vrana, Commissioner, Alaska Department of Administration
Jeffrey Schmitz, DMV Division Director, Alaska Department of Administration

COMMERCIAL DRIVER TRAINING & TESTING FOR RURAL ALASKA

Division of Motor Vehicles, Department of Administration • July 2022

DATE: July 14, 2022

TO: Alaskans Living in Rural Alaskan Communities

What is the issue and how does it impact me?

Commercial driver license (CDL) skills testing is heavily regulated by the Federal Motor Carrier Safety Administration (FMCSA). Due to Entry Level Driver Training (ELDT) regulations enacted in February 2022, the Division of Motor Vehicles (DMV) and their third-party partners are unable to conduct training and commercial testing in many Alaskan communities due to missing road infrastructure required for certain aspects of behind the wheel training and commercial road testing.

What is DMV doing to address this?

DMV worked closely with Governor Dunleavy's office to formally request an exemption from the aspects of the skills test that many rural Alaskan communities cannot meet. Those aspects include maneuvers having to do with left/right turns, lane changes, curves at highway speeds and Entry/Exit on the Interstate or Controlled Access Highway. Governor Dunleavy's request for exemption was sent to FMCSA in late March 2022.

What was FMCSA's Response?

FMCSA received Alaska's request for exemption and in response published a Federal Register to request public comments on Alaska's request. This means that any person, business, industry member, state that would like to comment has an opportunity to submit a comment.

Where can I find the Federal Register posting?

https://www.federalregister.gov/documents/2022/07/06/2022-14446/entry-level-driver-training-state-of-alaska-application-for-exemption?utm_source=federalregister.gov&utm_medium=email&utm_campaign=subscription+mailing+list

When is the deadline to submit formal comments?

Comments must be received on or before August 5, 2022.

What would I write in a formal comment?

Example comment: *Living in remote Alaska can be challenging at times and our livelihoods depend on our ability to work. Now that ELDT Regulations are in effect, if there is no ability to train or test for a commercial license in our own community, we may lose the ability to earn a living and support our families. Traveling to a community where training and testing is available is cost prohibitive as it could cost thousands of dollars that we don't have. By allowing us to continue training and testing with just a slight compromise, would show that you understand and appreciate that Alaska is a unique landscape. Please consider approving the exemption request put forward by Governor Dunleavy and allow Alaskans to continue working as we have for many decades without federal barriers preventing us from earning a living wage.*

City of Bethel Public Relations

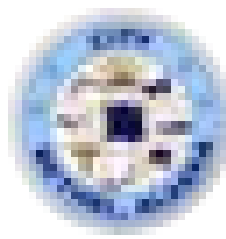
Report - July 19, 2022

BY THE NUMBERS

24	27	52,524	689
Facebook Posts Drafted/Posted by BR (from contract start)	Total Facebook Page Posts (past 28 days)	Total Facebook Post Reach (past 28 days)	New Facebook Page Followers (past 28 days)

TOP PERFORMING POST (PAST 28 DAYS)

Most Engagement



City of Bethel, Alaska updated their status.
Published by Krysten Demientieff · July 8 at 4:45 PM · 🌐

UPDATE: The juvenile has been identified

BPD PRESS RELEASE

On 07/08/2022 around 1456 hours, Bethel Police Department received a phone call of a small female juvenile child walking in traffic in the area of Ptarmigan and Akakeek in the light rain with a t-shirt and diaper on with no adults around.

An officer responded to the scene and took custody of the child and transported her to the hospital.

The child is female, estimated to be 1-2 years of age, black hair, brown eyes, shaved eyebrows. The child was wearing a white cut off onesie for a t-shirt.

If you recognize this child, please contact Bethel Police Department immediately. 907-543-3781

Case Officer: Officer Griffin Case #:2207080

[See insights and ads](#)

[Boost post](#)

👍👎👏 589

172 Comments 539 Shares

Post Impressions
51,009

Post Reach
46,745

Post Engagement
54,250

Reactions - 2,721
Comments - 791
Shares - 562
Other Clicks- 36,612

Schedule, Events and Programs

Visit ykfitness.org for the most up to date schedules and information.

Healthy Activities Club registration started in May and the first several weeks of club saw our afternoons at 75% capacity.

As we move into summer we updated our facility hours, offered Summer Pool Memberships, and shared info on our upcoming closure for maintenance.

Starting the week of June 27th we removed all remaining COVID-19 restrictions, but continue to monitor Community Risk levels and will re-introduce mitigation strategies if risk levels return to high status.

Staffing for July and August is becoming very challenging with many of our students out towards the end of the month and few new staff applications received. We are actively hiring for Programming Staff to help finish out the summer and Lifeguards to help us throughout the year.

YK Fitness Center
SUMMER 2022 HEALTHY ACTIVITIES CLUB
MAY 31ST - AUG 5TH
8:00 AM - 5:30 PM
FULL DAY \$180 PER WEEK
HALF DAY \$100 PER WEEK
SCHOLARSHIPS AVAILABLE

WHY PLAY WITH US?
For indoor and outdoor sports, games, and activities including:
• Field Games
• Swimming & Water Safety
• Story Telling
• NFO
• Dance
• Home & Community Safety
• Helping our community

YKFITNESS.ORG
907-543-0390

YK Fitness Center
WE'RE HIRING
Certified Lifeguards
Full time • Part time
Apply online ykfitness.org
Free Training Available ykfitness.org/certifications

YK Fitness Center
WE'RE HIRING
Youth Program Staff
Part time • Temporary
Apply online

YK Fitness Center
Now Hiring Lifeguards
Full and Part Time Positions Available

Free Lifeguard Training Course:
Sunday - Tuesday
August 7-9
10am-6pm
Registration closes August 1

www.ykfitness.org
(907) 543-0390

267 Akivachak Dr
Bethel, AK 99559

In July we are offering Swim Lessons and will offer Lifeguard Training in August

YK Fitness Center
Get ready for swim team!
Join Swim Club!
Mon & Wed at 7:30am
July 11-Aug 1
ykfitness.org or 543-0390

YK Fitness Center
Adult Swim Lessons
July 9-July 30
Beginner Saturdays 1030am-1130am
Intermediate Saturdays 12:30-1:30pm
ykfitness.org or 543-0390

YK Fitness Center
Get ready for Lifeguard Training!
Intro to Lifeguarding
Tuesdays at 7:30am
July 12-Aug 2
ykfitness.org or 543-0390

GROUP SWIM LESSONS Summer 2022 Classes meet July 9th - August 6th				
AGE*	CLASS	Days/Times*	REQUIREMENTS/REMARKS	Fee/1 hour
4-5 years	Preschool 1	Wednesdays at 7:30pm with Eric	Swimmers entering this class must be at least 4 years old on the first day of class.	\$50
	Preschool 2	Saturdays at 10:30am with Eric	Swimmers entering this level must be at least 4 years old on the first day of class, should be willing to put their face in the water, fully submerge their head, and be willing to float on their back with arms in the water with minimal assistance.	
	Level 1	Saturdays at 11:30am with Eric	Swimmers entering this level must be at least 5 years old on the first day of class. No previous swimming needed.	
6+ years	Level 2	Saturdays at 11:30am with Eric	Swimmers entering this level should be comfortable putting their face in the water and fully submerging a considerable without assistance. Swimmers should be able to float with minimal assistance on their back in the water and on back with arms in the water and be ready to attempt their kick without support.	\$55
	Level 3	Wednesdays at 8:30pm with Eric	Swimmers entering this level should be comfortable under the water, be able to float on front and back without support for 30 seconds, be able to swim 5-10 yards front and on back and be ready to begin attempting kick in deep water. Swimmers entering this class must be at least 6 years old on the first day of class.	
	Level 4	Wednesdays at 8:30pm with Eric	Swimmers entering this level should be able to swim 10-20 yards each of front crawl with side breathing, backstroke, elementary backstroke, and 5-10 yards of freestyle or side stroke. They should also be comfortable in deep water and able to float or tread in deep water for 1 minute.	
	Swim Club	Mondays & Wednesdays 7:30am-10:00am with Sherry	This class is for swimmers familiar with the 4 competitive swim strokes and interested in learning about competitive swimming. Intro to Lifeguard training is designed to build a foundation of knowledge, attitudes, and skills that will enable students to succeed in getting their Lifeguard certification. Students should have had swim skills, be comfortable in deep water, and comfortable along under water.	
14+	Introduction to Lifeguarding	Tuesdays at 7:30pm with Sherry	This class is designed for adults with minimal experience in the water. Instruction will begin with the basics of swimming and water safety and progress through the 8 swim strokes as participant abilities allow. No previous swimming experience needed.	\$55
14+	Adult Beginner	Saturdays at 10:30am with Sherry	Swimmers entering this class should be familiar with the basic swim strokes and ready to develop/improve swim technique and endurance. Instructor will work with students to develop and improve stroke technique and water safety skills.	\$65
14+	Adult Intermediate	Saturdays at 12:30pm with Sherry	Swimmers entering this class should be familiar with the basic swim strokes and ready to develop/improve swim technique and endurance. Instructor will work with students to develop and improve stroke technique and water safety skills.	\$65
18+	Lifeguard Training	August 14th 10am-5pm	The Lifeguard training course teaches the skills needed to become a Lifeguard including: First aid, CPR, lifeguard surveillance, and water rescue. Requirements: On the first day of class, participants must be at least 18 years old, be able to swim 300 yards non-stop, tread water for 3 minutes with legs only, and complete a time trial. To view a copy of the skills test visit http://www.aquatics.org/certification .	\$0

*Participants must meet minimum age requirements by first day of class. See class descriptions for more details.

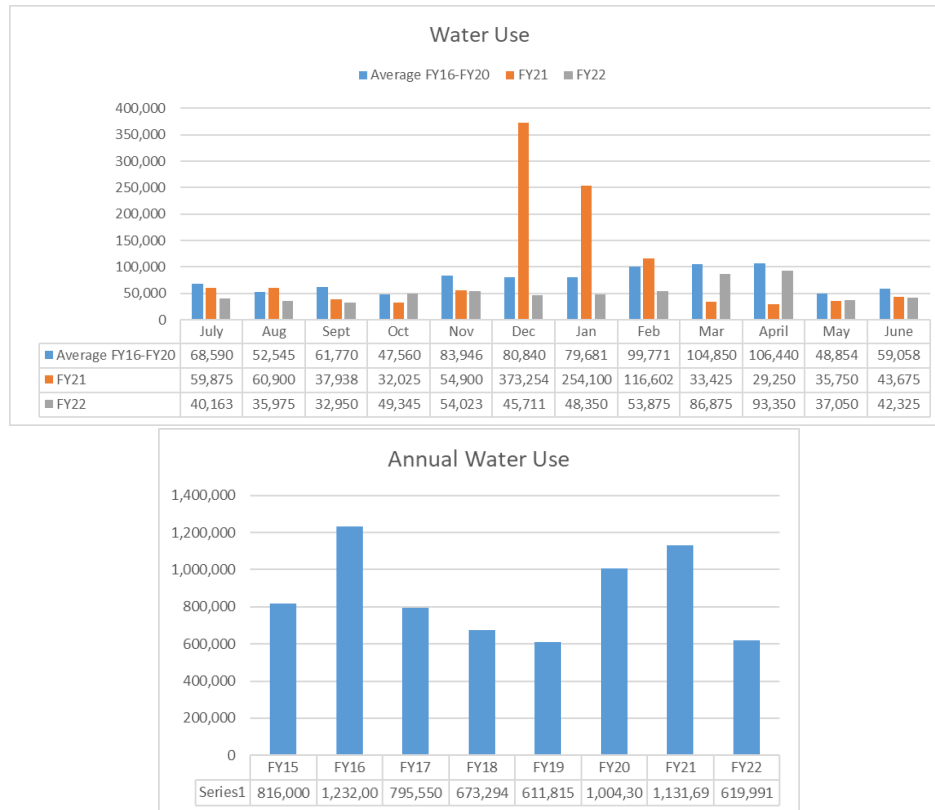


Reduced rates for YKFC Swim Lessons are made possible through generous funding from The American Red Cross Centennial Program and The YK Delta Lifesavers Foundation.

Additional Scholarships may be available for program fees are a barrier. Application available at ykfitness.org on the front desk.



Water Use

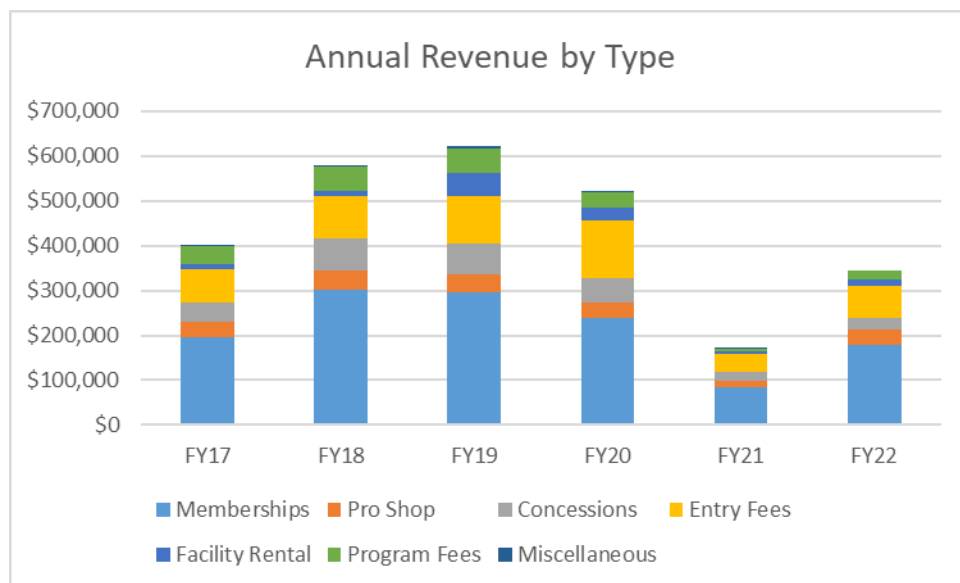
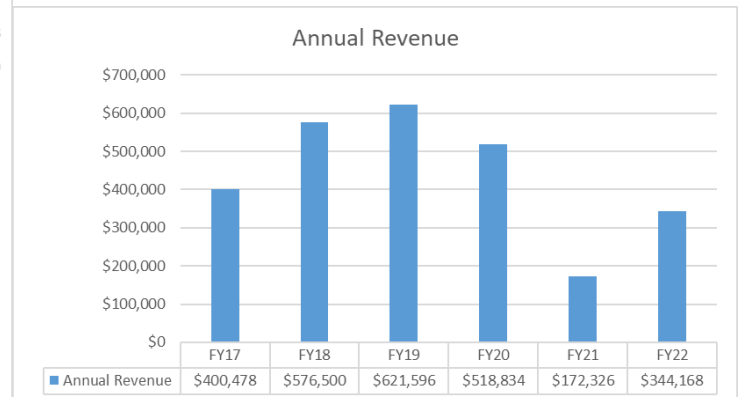
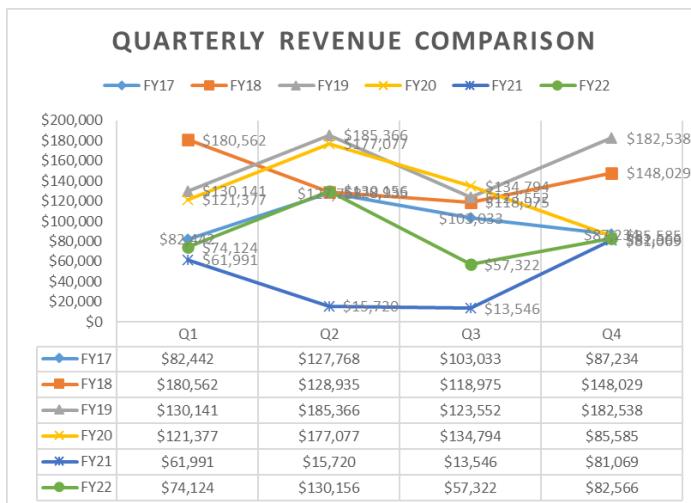
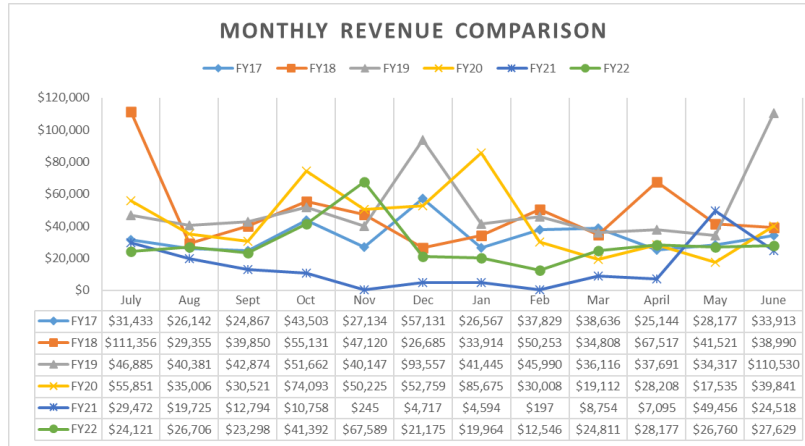


*Note: Facility opened in November of 2014 (FY15). Starting during maintenance closure in Dec 2019/Jan 2020 hot water has been used to keep pipes from freezing resulting in higher-than-normal usage. Water was turned off in late March 2020 once outside temps were consistently above freezing temperatures. Problems again arose in Dec 2020 and water was used to assure there were no freeze ups of facility piping through early March 2021.

Revenue

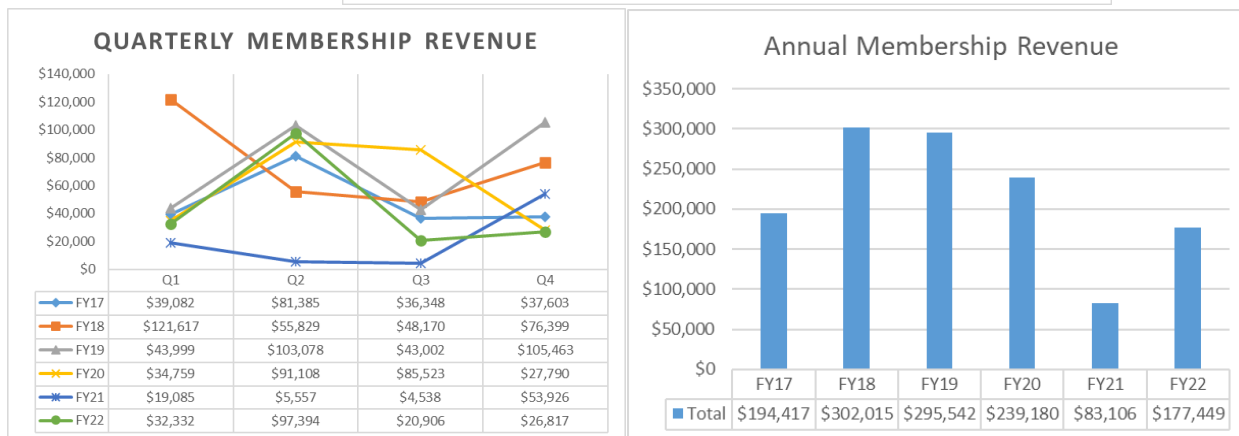
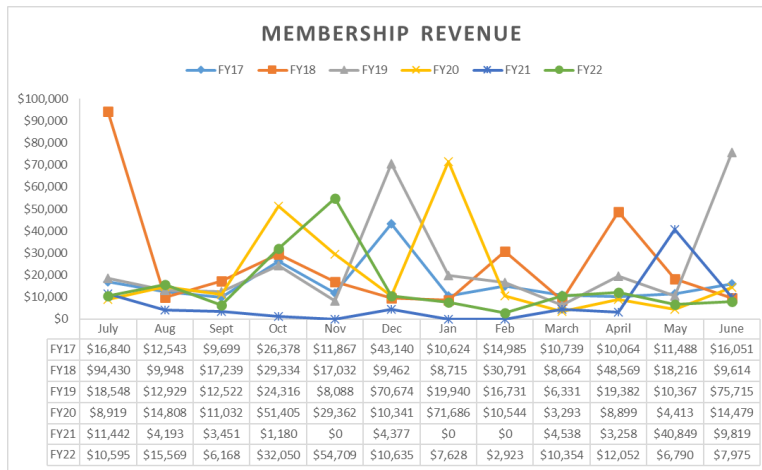
Code	Facility Revenue	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Total	FY22 Budgeted	%attained
414	Memberships	\$10,595	\$15,569	\$6,168	\$32,050	\$54,709	\$10,635	\$7,628	\$2,923	\$10,354	\$12,052	\$6,790	\$7,975	\$177,449	\$260,000	68%
430	Pro Shop	\$2,397	\$1,555	\$1,303	\$2,680	\$2,633	\$2,826	\$2,836	\$2,227	\$3,471	\$3,375	\$3,777	\$5,136	\$34,217	\$40,000	86%
435	Concessions	\$1,574	\$1,288	\$1,307	\$1,853	\$2,003	\$2,253	\$2,097	\$2,008	\$2,623	\$3,388	\$3,735	\$3,958	\$28,086	\$60,000	47%
460	Entry Fees	\$7,650	\$1,706	\$12,323	\$3,460	\$6,794	\$4,754	\$4,264	\$4,459	\$5,844	\$8,037	\$5,841	\$6,069	\$71,199	\$100,000	71%
463	Facility Rental	\$630	\$5,672	\$1,692	\$933	\$475	\$240	\$1,317	\$265	\$1,495	\$585	\$335	\$1,049	\$14,684	\$25,500	58%
465	Program Fees	\$1,275	\$917	\$505	\$415	\$976	\$467	\$1,821	\$665	\$1,025	\$741	\$6,284	\$3,443	\$18,533	\$50,000	37%
	Misc (Grants, Donations, Etc.)													\$0	\$0	
	Facility Revenue Total	\$24,121	\$26,706	\$23,298	\$41,392	\$67,589	\$21,175	\$19,964	\$12,546	\$24,811	\$28,177	\$26,760	\$27,629	\$344,168	\$535,500	64%

We achieved approximately 64% of projected revenue, due primarily to the ongoing effects of COVID-19. When the FY22 budget was passed we were hopeful that COVID-19 restrictions would not be necessary, but instead COVID-19 mitigation continued through most of FY22 and we are only now lifting the last of the restrictions and returning to close to normal functioning.

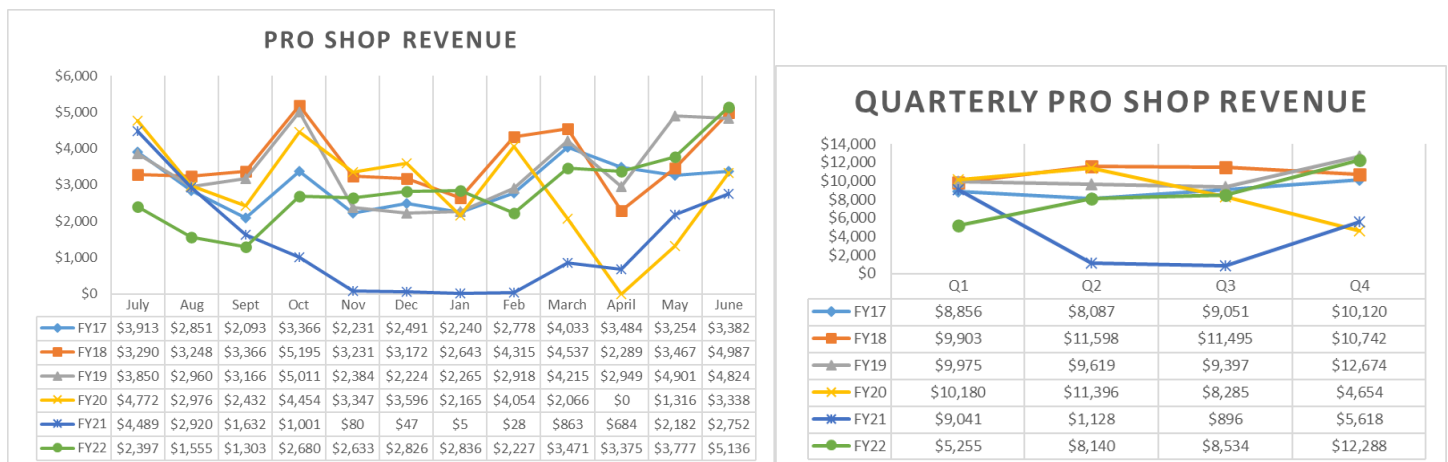


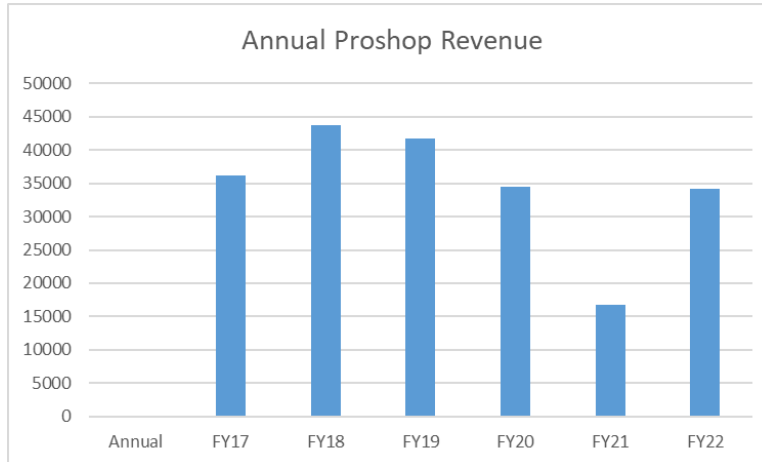
Revenue Comparisons by line Item:

Confidence in growing in the community that we are reaching the end of the pandemic and membership revenue is beginning to re-build.

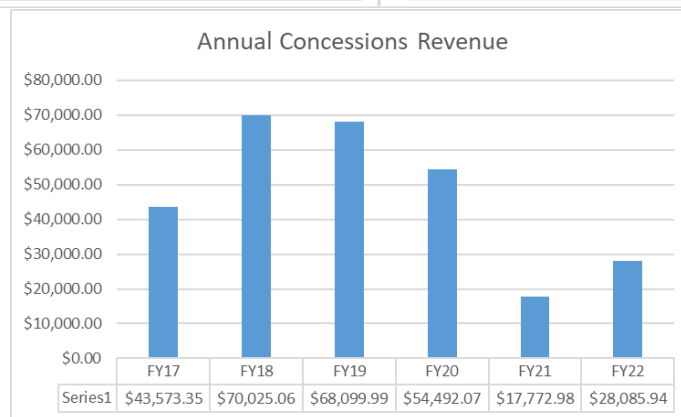
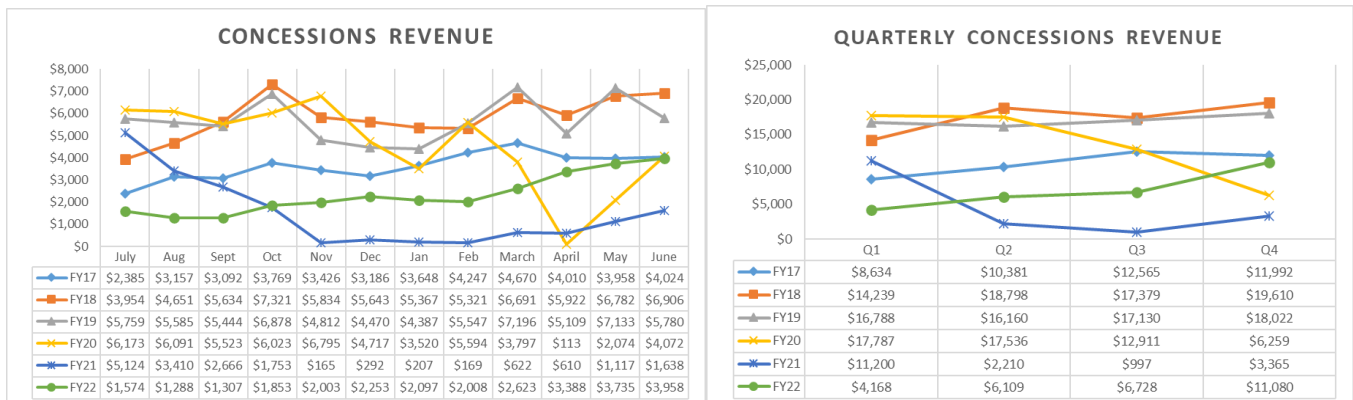


Proshop revenues for June were positively influence by the warm temperatures we experienced that drove many community members to the pool. Many of these individuals needed swimwear and other proshop items for their visits.

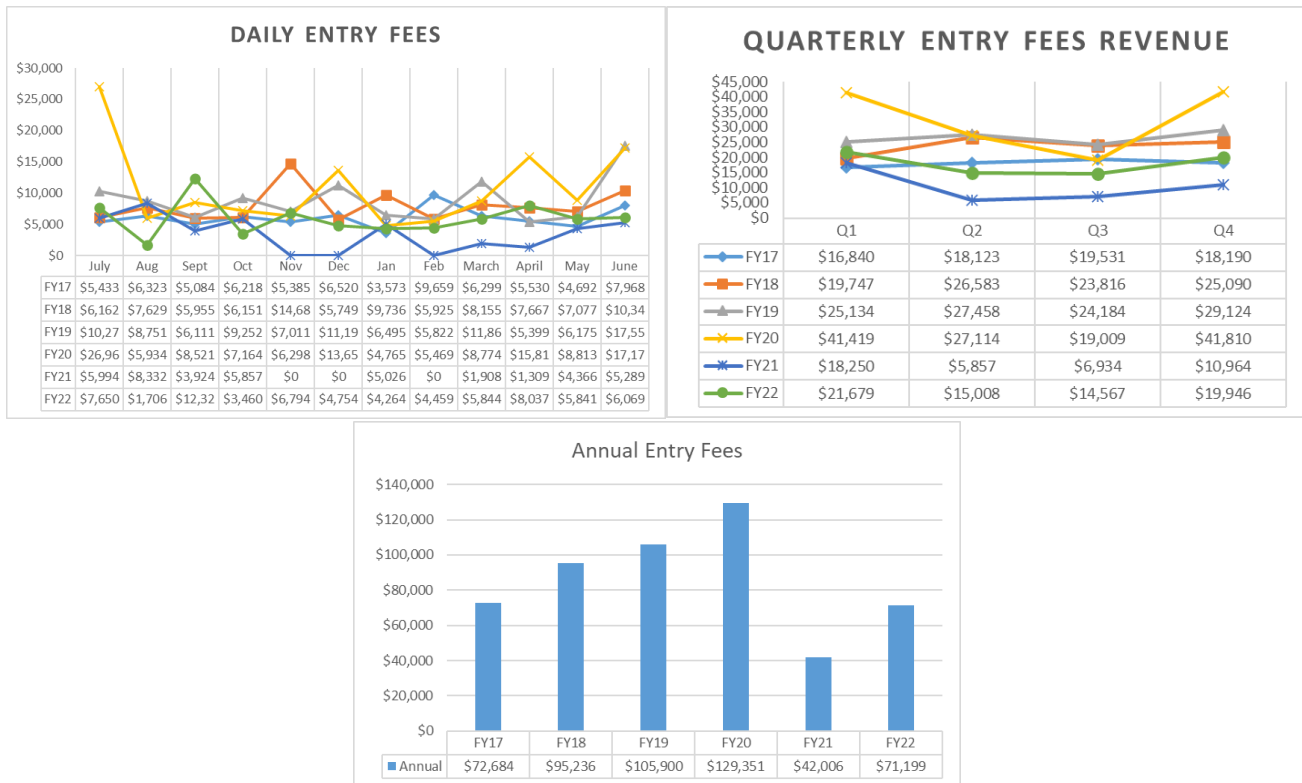




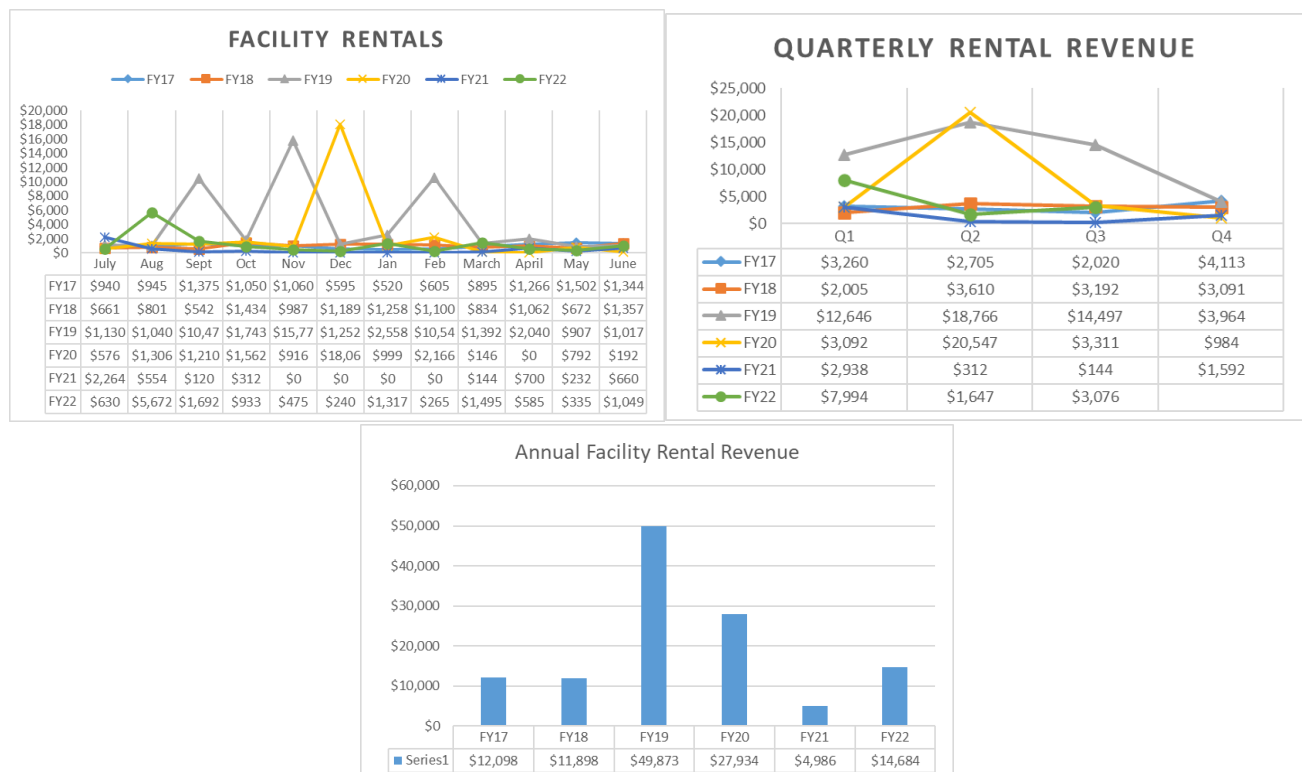
Concessions revenue has started to rebound, but is still only about half of pre-COVID averages due to the combination of ongoing facility restrictions limiting eating, group sizes, and amount of time spent at the facility and supply chain shortages and delivery delays reducing the items we have on hand for purchase.



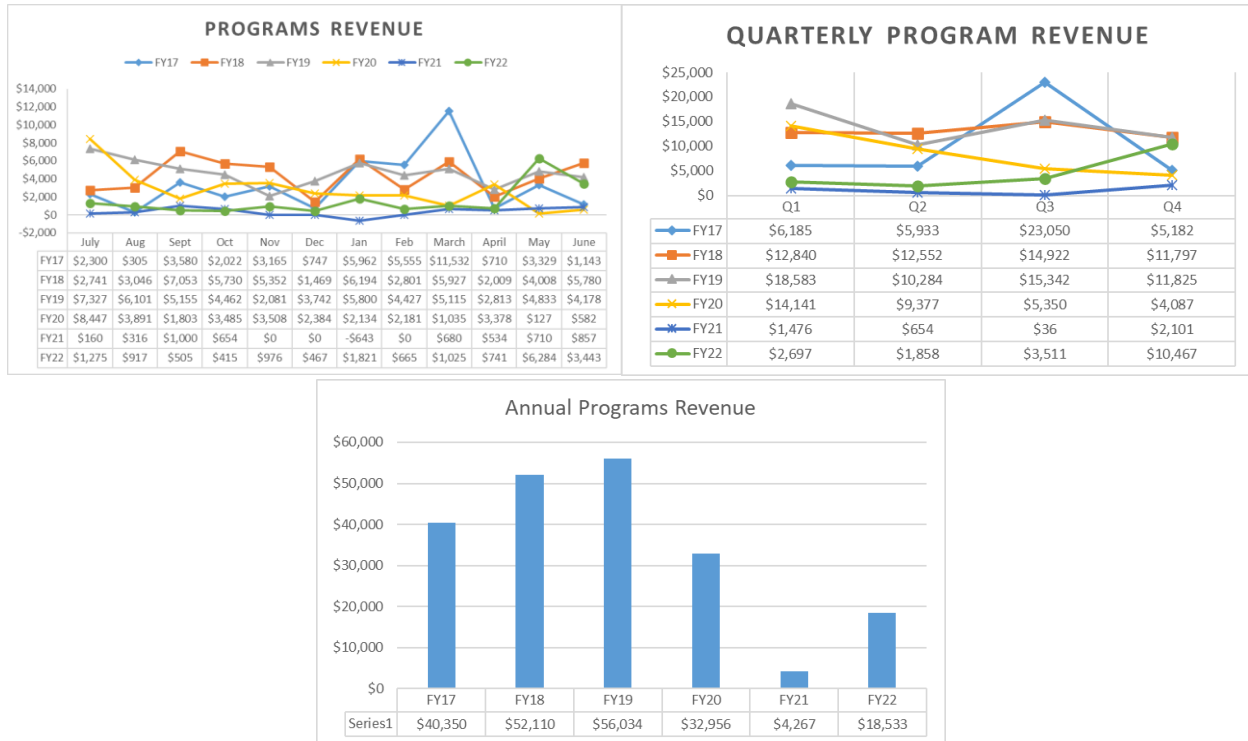
Daily entry fee revenue was positively influenced by the wamr weather, but negatively influenced by the week long maintenance closure.



Facility rental fees will continue to remain low until we are able to resume group rentals and parties. June rental fees include pool rental by the Migrant Education program for June swim lessons.



With the addition of swim lessons and our Healthy Activities Club Program revenues for June are up slightly . Additonal swim lessons and club revenue will be collected after invoiced fees are received from grant funders.

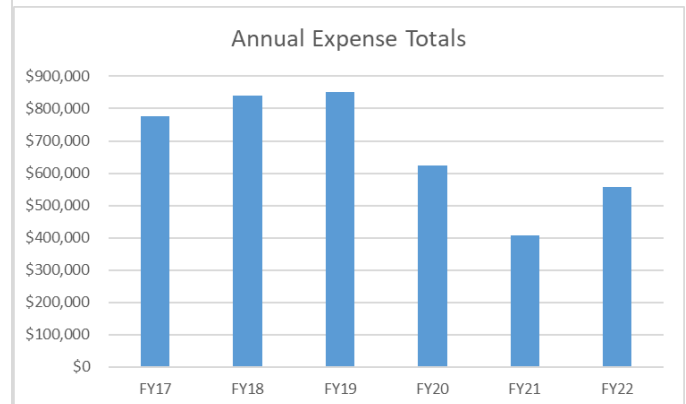
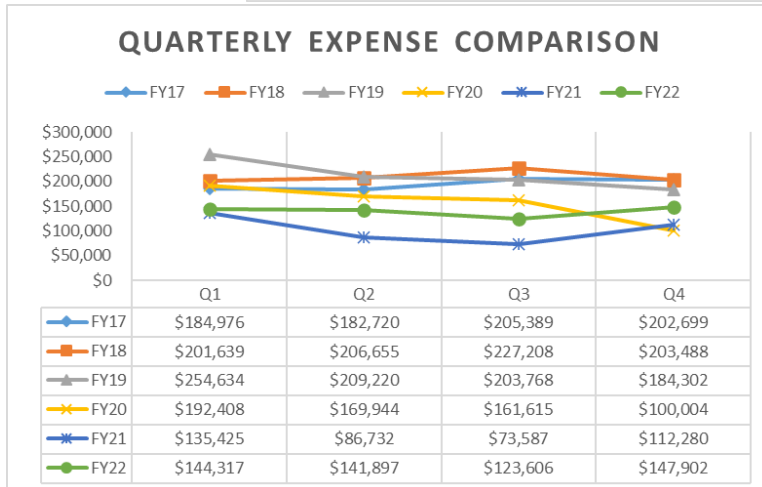
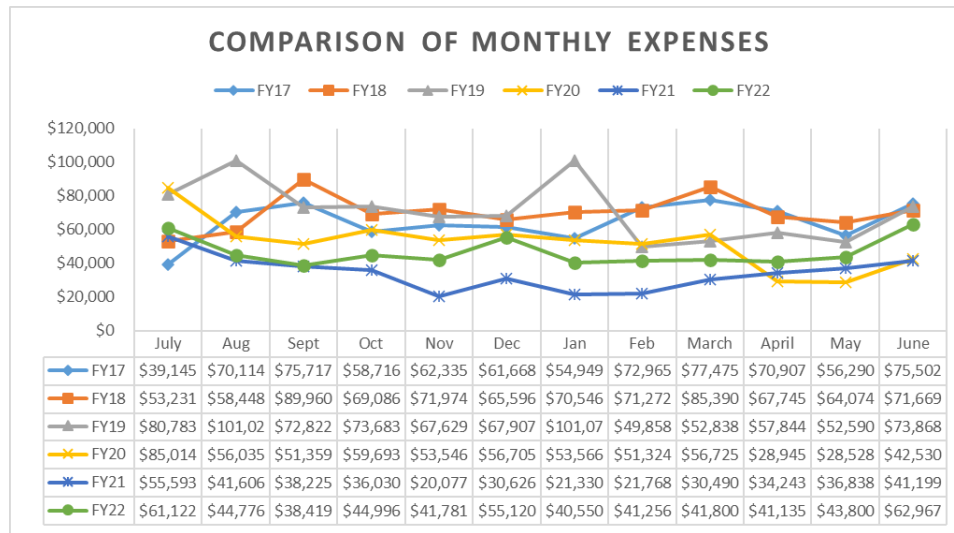


Expenses

	Expenses	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Total	Budgeted	% used	remaining
	Wages & Benefits	\$51,354	\$31,937	\$29,545	\$31,483	\$31,019	\$49,085	\$33,536	\$32,691	\$34,299	\$32,211	\$31,653	\$40,591	\$429,406	\$696,442	61.66%	\$267,036
520	Housing	\$2,545	\$2,545	\$2,545	\$2,545	\$2,545	\$2,545	\$2,545	\$2,545	\$2,545	\$1,545	\$1,545	\$1,545	\$27,540	\$42,900	64.20%	\$15,360
545	Travel/Training	\$265	\$0	\$51	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$316	\$2,000	15.81%	\$1,684
561	Supplies	\$1,270	\$7,622	\$3,363	\$3,892	\$3,278	\$801	\$1,084	\$3,175	\$812	\$3,592	\$5,626	\$7,000	\$41,515	\$87,000	47.72%	\$45,485
580, 661, 663, 799	Building Maintenance	\$1,364	\$115	\$251	\$257	\$821	\$45	\$710	\$146	\$65	\$457	\$48	\$340	\$4,621	\$30,100	15.35%	\$25,479
668	Software Licenses	\$253	\$329	\$242	\$438	\$707	\$221	\$207	\$133	\$279	\$303	\$284	\$737	\$4,135	\$8,146	50.76%	\$4,011
669	General Expenses	\$4,071	\$2,227	\$2,421	\$6,380	\$3,411	\$2,422	\$2,467	\$2,565	\$3,800	\$3,026	\$4,561	\$9,829	\$47,181	\$35,581	132.60%	-\$11,600
790	Allowance for Special Events	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$51	\$0	\$51	\$1,100	4.65%	\$1,049
799	Unforseen	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$2,500	0.00%	\$2,500
	Other/Non Budgeted	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$32	\$2,926	\$2,958	\$0		-\$2,958
	TOTAL	\$61,122	\$44,776	\$38,419	\$44,996	\$41,781	\$55,120	\$40,550	\$41,256	\$41,800	\$41,135	\$43,800	\$62,967	\$557,723	\$905,769	61.57%	\$348,046

* Due to our 2 week pay period structure there are 2 months out of each year in which 3 pay periods fall, skewing wages totals upwards for those months.

**Expense totals do not include purchases for the building that have been made by City of Bethel Property Maintenance or other direct city expenses.



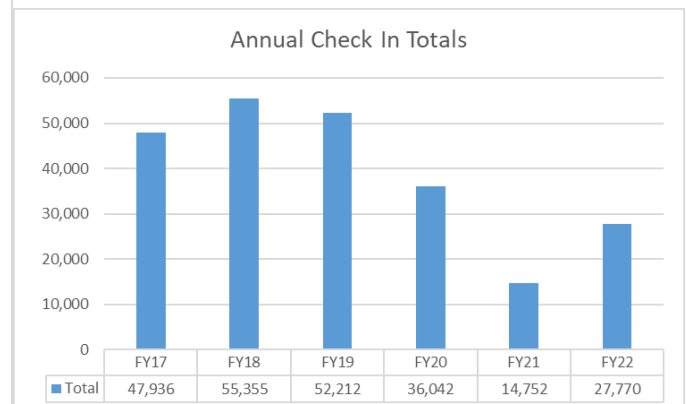
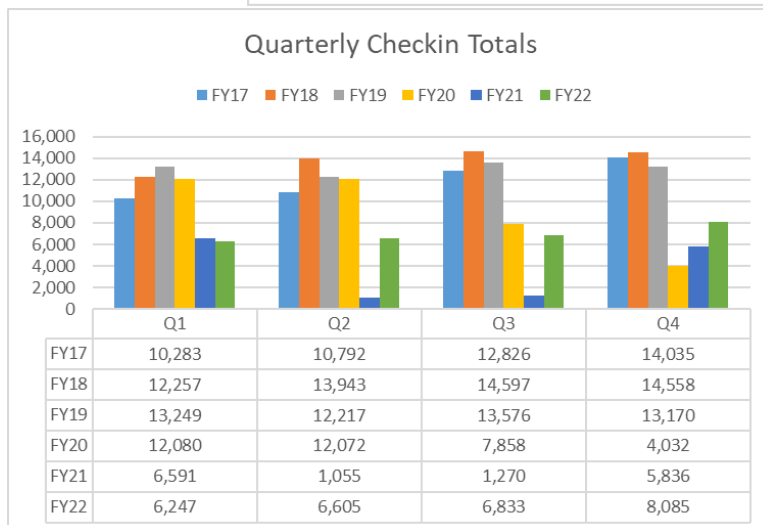
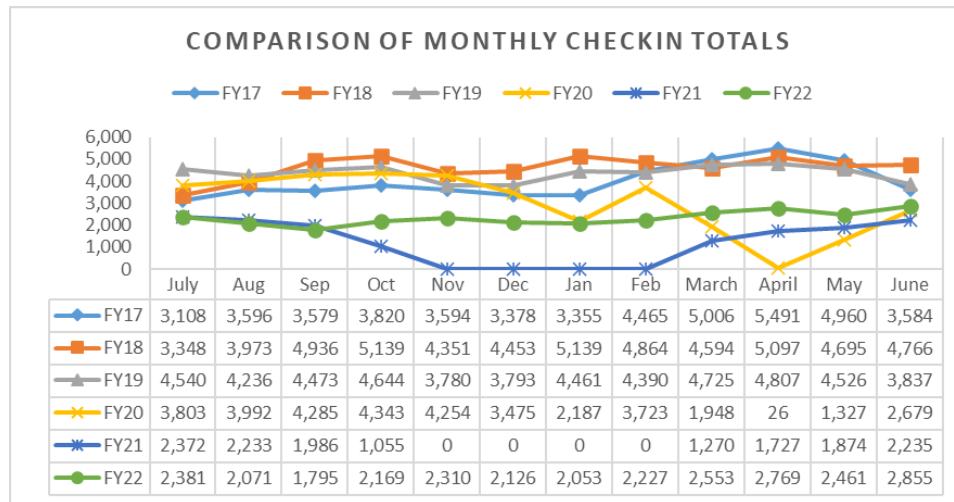
We have actively worked to keep expenses low while still making seasonal purchases, purchases for maintenance and cleaning, and to keep essential proshop and concessions items stocked as well to maintain minimum staffing levels. .

Facility Utilization

Facility Check-In: Facility Check-In numbers represent the total number of patrons who visited the facility and are based on a compilation of the number of members who checked-in, the number of daily passes sold and the number of participants in programs, activities, rentals, and special events. These numbers represent facility visits, not individuals as most individuals visit the facility multiple times over the course of the month.

Facility Check-In	Jul-21	Aug-21	Sep-21	Oct-21	Nov-21	Dec-21	Jan-22	Feb-22	Mar-22	Apr-22	May-22	Jun-22	Total
Member Checkins	1,202	1,116	991	1199	1263	1194	1135	1098	1,149	1,331	1,058	902	13,638
Daily Admissions	1,119	696	632	724	959	854	822	896	1,230	1,253	1,267	1,319	11,771
Rentals	0	199	109	166	0	0	0	133	5	5	14	225	856
Fitness Programming	40	45	52	69	71	66	69	61	113	89	40	59	774
Aquatics Programming	20	15	11	11	17	12	27	39	56	91	31	21	351
Youth Programs	0		0	0	0	0	0	0	0	0	51	329	380
Monthly Totals	2,381	2,071	1,795	2,169	2,310	2,126	2,053	2,227	2,553	2,769	2,461	2,855	27,770

Concerns about CoVID-19 began impacting facility utilization in late February 2020 and continue to the present, but June reached approximately 70% of pre-CoVID-19 normal and we anticipate continued higher utilization rates as we remove the remaining CoVID-19 restrictions.



City of Bethel, Alaska

City Clerk's Office

Council Meetings

July 21, 2022, Special City Council Meeting

July 26, 2022, Regular City Council Meeting

August 9, 2022 Regular City Council Meeting

- Processed 1 passport applications.
- Processed 2 burial permit and 1 reservation for a family.
- Created and posted 11 Facebook posts.
- Continue to manage the job posting/electronic employment applications on the City's website until the newly hired HR Director is settled in.
- Prepared and sent notice of election and declaration of candidacy filing to KYUK and Delta Discovery.
- Prepared and sent election memory card and security key programing instructions to Dominion Voting.
- Slight reformatting of operating budget, OCRd and saved to the city's website under finance.
- Received an update on the shipping of the Playground Equipment for Pinky's Park, September 15. Worked with the vendor and the barge company to organize shipping to Bethel.
- Prepared the Draft agenda for the Public Works Committee and began organizing the packet material for their July 20th meeting.
- The City Clerk is on the Alaska Association of Municipal Clerk's Education Committee, Chair of the Academy Sub Committee and Member of the Nuts-and-Bolts Sub Committee that provides educational focus to new clerks from around the State. As part of the education committee, The City Clerk is providing a training on the petition process at the Alaska Association of Municipal Clerk's Conference in December. In addition to organizing the Academy session for this year, the City Clerk is also working on preparing a training on petitions.
- Scanned and organized historic documents, Committee/Commission/Council Oath of Office for permanent retention and electronic archive.
- Researched site plan permits in other communities. Tried to understand the standards for our Planning Department's site plan review with the goal of creating a code modification and a one-page explanation of standards.
- Started working with KYUK on the translation services for the ballot propositions (written and oral), and working with the contractor to record the voting prompts for the accessible voting unit (audio ballot with braille)
- Modified travel for Mayor Springer/Broadband Meeting and AML Summer Conference.
- Set up travel for Vice-Mayor McCormick to attend the Broadband meeting and AML Summer Conference.
- Reached out to vendors for quotes on the printing of petition booklets.
- Updated the training guides for the records to create Zoom meetings within the City's account and the instructions for setting up public meetings in Council Chambers.
- Provided training/support to the public works department employee filling in for Committee meetings. Reviewed/modified meeting minutes.
- Started packing up and organizing election supplies.
- Worked with the Police Department and the Fire Department to get Facebook profiles approved/policies signed and linked to the City's Facebook page.

- Researched Veteran's Way at the request of a resident. In 1999, the Planning Commission passed a Resolution dedicating the eastern portion of Akiak from Chief Eddie Hoffman Highway to just past the VFW Post to be named Veteran's way. No formal action seemed to have been taken by the City Council at that time.
- Worked with a group of volunteers interested in cleaning up the Ridgecrest Cemetery. The City purchased paint and supplies and the volunteers will be painting the burial markers and cleaning up the area.
- Updated the department directory and added the image to the City's website for quick glance.
- Met with the City of Aniak City Clerk to go over the City's procedures for alcohol license review.
- Reviewed City of Bethel Election's page for correctness.

Items to work on:

Senior Citizen Sales Tax Code Amendments (Henderson)

Site Plan Permit Process/Code Amendment (Hessler)

Committee/Commission/Board Vacancies –

	Regular Member	Alternate Member
Parks/Recreation Aquatic Health and Safety Center Committee	full	2
Planning Commission	full	full
Port Commission	2	2
Public Safety and Transportation Commission	full	2
Community Action Grant Technical Review Board	1	2
Public Works Committee	3	2
Finance Committee	6	2
Ethics Board	full	full