

**CITY OF BERKLEY PUBLIC NOTICE
ELECTRONIC CITY COUNCIL MEETING
7:00 P.M. MONDAY, JUNE 21, 2021
248-658-3300**

**CALL 38th COUNCIL TO ORDER
APPROVAL OF AGENDA
INVOCATION — CHAPLAIN JIM SMITH
PLEDGE OF ALLEGIANCE
PUBLIC COMMENT — ITEMS ON THE AGENDA
ORDER OF BUSINESS**

Consent Agenda

1. **APPROVAL OF THE MINUTES**: Matter of [approving the minutes](#) of the 38th Regular City Council Meeting on Monday, June 7, 2021.
2. **RESOLUTION NO. R-23-21**: Matter of [celebrating the retirement](#) of Greenfield Presbyterian Church Reverend Peter Moore.
3. **PROCLAMATION NO. P-22-21**: Matter of [proclaiming July 2021](#) as Parks and Recreation Month.

Regular Agenda

1. **PRESENTATION**: Matter of receiving a presentation from Senator Mallory McMorrow's office.
2. **RESOLUTION NO. R-24-21**: Matter of [recognizing the outgoing](#) Berkley School District Superintendent Dennis McDavid.
3. **MOTION NO. M-30-21**: Matter of [approving the appointments](#) to various boards and commissions.
4. **MOTION NO. M-31-21**: Matter of [receiving and filing the Berkley Department of Public Safety](#) 2020 Annual Report.
5. **MOTION NO. M-32-21**: Matter of [approving the purchase](#) of the remainder of the P25 Radio System Equipment from ComSource, Inc., 41271 Concept Dr., Plymouth, MI 48170 at a price not to exceed \$50,033.15 from the "Radio Equipment" Account 101-310-984-000. This purchase will be made from the State of Michigan's Extended Purchasing Program (MiDEAL) Contract 190000001544.
6. **MOTION NO. M-33-21**: Matter of [approving the purchase of two 2021 Ford Police](#) Interceptor Utility AWD marked police vehicles for \$74,852 (\$37,426 each) and two 2021 Ford F150 Super Crew 4x4 Police Responder unmarked police vehicles for \$74,886 (\$37,443 each) for the Department of Public Safety from Signature Ford, 1960 East Main Street, Owosso, MI 48867 at a total cost of \$149,738 from the Vehicles Account 101-310-985-000.
7. **ORDINANCE NO. O-06-21**: Matter of [considering the First Reading of an Ordinance](#) of the Council of the City of Berkley, Michigan to Amend Division 4 of Article VIII of Chapter 82, Offenses and Miscellaneous Provisions, of the City of Berkley Code of Ordinances to Prohibit the Possession and Use of Cigarettes, Tobacco, and Nicotine Products to Persons Under the Age of 21, and the Sale, Giving, or Furnishing of Cigarettes, Tobacco, and Nicotine Products, Including Electronic Cigarettes, to Persons Under the Age of 21, and to Prescribe Penalties for Violations.
8. **MOTION NO. M-34-21**: Matter of [approving the purchase of a Variable Message Board Sign](#) and a Compact Light Tower at a total cost of \$24,360 from Truck & Trailer Specialties utilizing the MITN Cooperative Bid.
9. **MOTION NO. M-35-21**: Matter of [approving the purchase of a 2021 Ford Transit Cargo Van](#) with Buildout at a total cost of \$70,265 from Signature Ford and Truck & Trailer Specialties utilizing the Macomb County and MITN Cooperative Bids.

10. **MOTION NO. M-36-21**: Matter of [appointing the Public Works Director](#), Derrick Schueller, as the City of Berkley's representative and the City Manager, Matthew Baumgarten, as the alternate representative to the Southeastern Oakland County Resource Recovery Authority (SOCRRA) Board of Trustees for the fiscal year beginning July 1, 2021; and instruct the City Clerk to send a copy of this motion to the SOCRRA Board.
11. **MOTION NO. M-37-21**: Matter of [appointing the Berkley Public Works Director](#), Derrick Schueller, as the City of Berkley's representative and the City Manager, Matthew Baumgarten, as the alternate representative to the Southeastern Oakland County Water Authority (SOCWA) Board of Trustees for the fiscal year beginning July 1, 2021; and instruct the City Clerk to send a copy of this motion to the SOCWA Board.
12. **MOTION NO. M-38-21**: Matter of [appointing the Chief Innovation Officer](#), Stan Lisica, as the City of Berkley's representative and the City Manager, Matthew Baumgarten, as the alternate representative to the Intergovernmental Cable Communications Authority (ICCA) Board for the fiscal year beginning July 1, 2021; and instruct the City Clerk to send a copy of this motion to the ICCA Board.
13. **MOTION NO. M-39-21**: Matter of [appointing the Community Engagement Officer](#), Torri Mathes, as the City of Berkley's representative to the Community Media Network Public Access TV (CMNtv) Board of Trustees for the fiscal year beginning July 1, 2021; and to instruct the City Clerk to send a copy of this motion to the CMNtv Board.
14. **RESOLUTION NO. R-22-21**: Matter of [approving the Consent Judgment](#) in settlement of the lawsuit, Giarmarco v Berkley, Oakland County Circuit Court Case no. 2021-187187-AA.
15. **MOTION NO. M-40-21**: Matter of [authorizing the City Manager to sign the Application](#) for Additional Service Credit Purchase for Shawn Young approving two years of additional service credit. This service credit purchase is allowed by the City of Berkley MERIT System of Human Resource Management Section 1001.08 and meets all of the requirements of the MERS Plan Document which would allow for this service credit purchase.
16. **MOTION NO. M-41-21**: Matter of [Authorizing the amendment of the 2020-2021 Budget](#) as presented.

PUBLIC COMMENT — ITEMS NOT ON THE AGENDA

COMMUNICATIONS

17. **CLOSED SESSION**: Matter of considering whether to meet in Closed Session for the purpose of discussing labor negotiations.

ADJOURN

NOTE: TO JOIN THE ELECTRONIC MEETING, VISIT [HTTPS://berkleymich.ZOOM.US/J/94929846645](https://berkleymich.zoom.us/j/94929846645) OR CALL 1-312-626-6799. THE MEETING ID IS 949 2984 6645.

The City of Berkley is hosting electronic meetings in cooperation with the Michigan Open Meetings Act, as amended. Anyone wishing to submit correspondence for inclusion during the meeting may send an email to clerk@berkleymich.net or call 248-658-3310. The City of Berkley will provide necessary reasonable auxiliary aids and services to individuals with disabilities at the meeting upon four working days' notice to the City. Individuals with disabilities requiring auxiliary aids or services should contact the City by writing or calling: Victoria Mitchell, ADA Contact, Berkley City Hall, 3338 Coolidge Highway, Berkley, MI 48072 (1-248-658-3310).

THE ELECTRONIC REGULAR MEETING OF THE THIRTY-EIGHTH COUNCIL OF THE CITY OF BERKLEY, MICHIGAN WAS CALLED TO ORDER AT 7:00 PM ON MONDAY, JUNE 7, 2021 BY MAYOR TERBRACK

PRESENT: Steve Baker, Berkley, Oakland County, Michigan
Jack Blanchard, Berkley, Oakland County, Michigan
Bridget Dean, Berkley, Oakland County, Michigan
Dennis Hennen, Berkley, Oakland County, Michigan
Natalie Price, Berkley, Oakland County, Michigan
Daniel Terbrack, Berkley, Oakland County, Michigan

ABSENT: Ross Gavin

APPROVAL OF AGENDA

Councilmember Baker moved to approve the Agenda with an amendment to remove agenda item #5
Seconded by Mayor Pro Tem Dean

Ayes: Blanchard, Dean, Hennen, Price, Baker, and Terbrack

Absent: Gavin

Nays: None

Motion Approved.

INVOCATION: Pastor Tal Sullivan

PUBLIC COMMENT – ITEMS ON THE AGENDA

Consent Agenda

Councilmember Baker moved to approve the following Consent Agenda, seconded by Councilmember Blanchard.

APPROVAL OF THE MINUTES: Matter of approving the minutes of the 38th Regular City Council Meeting on Monday, May 17, 2021, Budget Work Session on Tuesday, May 11, 2021, and Budget Work Session on Wednesday, May 12, 2021.

WARRANT: Matter of approving Warrant No. 1363.

ORDINANCE NO. O-05-21: Matter of considering the Second Reading and Adoption of an Ordinance of the City Council of the City of Berkley, Michigan to Amend Section 58-34 of Article II, of Chapter 58, Garbage Rubbish and Refuse, to Modify the Diameter and Length of Branches and Limbs, and to Prescribe a Penalty for Violations.

PROCLAMATION NO. P-20-21: Matter of proclaiming June 19, 2021 to be Juneteenth Celebration Day.

PROCLAMATION NO. P-21-21: Matter of proclaiming the week of June 21-27, 2021 to be Lightning Safety Week.

Ayes: Dean, Hennen, Price, Baker, Blanchard, and Terbrack
Absent: Gavin
Nays: None
Motion Approved.

Regular Agenda

RESOLUTION NO. R-19-21: Matter of approving a Resolution of the Council of the City of Berkley, Michigan to formally rename Oxford/Merchants Park to Oxford Park.
Mayor Pro Tem Dean moved to approve Resolution No. R-19-21
Seconded by Councilmember Price
Ayes: Hennen, Price, Baker, Blanchard, Dean, and Terbrack
Absent: Gavin
Nays: None
Motion Approved.

RESOLUTION NO. R-20-21: Matter of approving a Resolution of the Council of the City of Berkley, Michigan recognizing Adriane and Eric Bitel for their years of volunteerism and dedication to the Friends of Berkley Parks & Recreation.
Mayor Pro Tem Dean moved to approve Resolution No. R-20-21
Seconded by Councilmember Blanchard
Ayes: Hennen, Price, Baker, Blanchard, Dean, and Terbrack
Absent: Gavin
Nays: None
Motion Approved.

MOTION NO. M-29-21: Matter of approving the purchase of official Woodward Dream Cruise merchandise to be sold at various locations during the month of August at a cost not to exceed \$28,000. Funds for this expenditure will come from account 614-915-818-000.
Councilmember Blanchard moved to approve Motion No. M-29-21
Seconded by Councilmember Hennen
Ayes: Price, Baker, Blanchard, Dean, Hennen, and Terbrack
Absent: Gavin
Nays: None
Motion Approved.

RESOLUTION NO. R-21-21: Matter of considering updates to the Berkley Fee Schedule, effective July 1, 2021.
Councilmember Price moved to approve Resolution No. R-21-21
Seconded by Mayor Pro Tem Dean
Ayes: Baker, Blanchard, Dean, Hennen, Price, and Terbrack
Absent: Gavin
Nays: None
Motion Approved.

PUBLIC COMMENT – ITEMS NOT ON THE AGENDA

Charles Tyrrell, Berkley, spoke about his concern about the Downtown Development Authority (DDA) meetings not being recorded and posted. He asked City Council to require the DDA to have its meetings recorded and posted whether they will be meeting virtually or not. He also said he would like for City Council to vote regrading having referendums for the different types of marihuana businesses to be placed on the November 2021 election ballot.

Steve Allen, ZBA board member and Berkley resident, submitted an email regarding proposed Resolution R-22-21. He expressed his concern about City Council considering settling the recent ZBA case regarding the placement of a generator and the potential it may have for future ZBA decisions.

COMMUNICATIONS

COUNCILMEMBER BLANCHARD: stated that he wanted to talk about an update with the Berkley Chamber of Commerce. He talked about the events that they would be hosting in the city which include the Berkley Street Art Fest on Saturday, August 7th; the Berkley CruiseFest and Woodward Dream Cruise on Friday, August 20th and Saturday, August 21st; and the Berkley Art Bash on Saturday, September 11th. He reminded everyone that school will be out for the summer soon and to be cautious of children playing outside and in the street. Finally, he quoted Spencer Kimball, "Preparedness, when properly pursued is a way of life, not a sudden, spectacular program."

COUNCILMEMBER PRICE: thanked city directors and staff for preparing for a safe reopening to the public. She said the library opened up for "grab and go" visits that day. She said the copy machine, scanner, and fax machine are also now available for residents to use as well. She said computer use at the library will be available starting on June 21st. She stated the youth summer reading program will start this month and you can either visit the library's website or call for more information. Councilmember Price stated that the Beautification Advisory Committee will be facilitating the Annual Tree Walk this Saturday, June 12th. She said the Environmental Advisory Committee and Tree Board will be assisting with this event too. She explained that during the walk, door hangers with a tree order form is dropped off at homes throughout the City. She said residents can have a free tree planted through Department of Public Works if they would like. Councilmember Price stated that the Citizens Engagement Advisory Committee recently launched a Facebook group to help provide resources for members of the community. The name of the group is the Berkley Community Resources Group. Councilmember Price mentioned she is excited about attending the grand opening of Oxford Park on Friday, June 11th.

COUNCILMEMBER BAKER: stated that the Downtown Development Authority (DDA) would be meeting this Wednesday, June 9th at 8:30 a.m. and all the meetings are recorded and posted on the DDA website which is DowntownBerkley.com. He said at the last meeting they were reviewing the Detroit Institute of Arts (DIA) sponsored mural that is planning to be placed on Robina located close to the Old Berkley Movie Theatre hopefully sometime in August. He said that they will resume working on the DDA guidelines very soon as well. He also mentioned to visit the DDA website for upcoming events such as Berkley Street Art Fest on August 7th and Berkley Art Bash on September 11th. He stated that the Historical Committee will resume its museum hours of operations on Wednesday, June 16th. The hours are Wednesdays from 10 a.m. – 1 p.m. and Sundays from 2- 4 p.m. He said the museum is closed on major holidays. He stated that the Downtown District now has new signs and that the old signs are being kept at the museum. He said the Historical Museum will be coming out with a quarterly newsletter. He stated that the Technology Advisory Committee will be meeting next on Wednesday, June 16th. He said they are still waiting for news on the Alexa Skill that they put together. He mentioned the cyber tip to make sure that websites you visit are secure. He mentioned a few different things you can look for when you visit a website to make sure that it is secure. He quoted Myra Kassim, "In the absence of information, we often jump to the worst conclusions." He talked about how easy it is on social media to quickly draw conclusions from the statements and titles we first see. He also talked about ways to help keep ourselves informed when we read and see things online.

MAYOR PRO TEM DEAN: expressed her concern about how a Berkley resident said that the City's Public Safety Department operates a quota system for issuing tickets. She stated that the Public Safety Department does not operate this way and this practice is illegal as well. She continued to say that the budgeting process in the City includes projections for next year's revenue for the budget. The Public Safety Department's revenue is also not influenced by ticket numbers. She stated once again that the City of Berkley Public Safety does not set ticket quotas. She said the people that are prosecuted are people that are violating laws and City Ordinances. She mentioned that the Berkley resident who had

talked about ticket quotas at the last meeting will be having a meeting with Public Safety Director Matt Koehn so he can answer questions and make clarifications about how the department operates. She also added that Chief Koehn welcomes any questions or comments that someone may have. Mayor Pro Tem Dean stated that the Parks and Recreation Department is having the grand opening and new name ceremony for Oxford Park on Friday, June 11th at 4 p.m. She said the splash pad and restrooms will also be open starting that day. She said the hours and rules for the splash pad will be posted at the park. She stated the Community Center opened on June 1st. She said Parks and Recreation now has indoor programs available in addition to the outdoor programs. She stated to register so your house can be on the map for the City-Wide Garage Sale, you can call the Parks and Recreation Department at (248) 658-3470. She mentioned the outdoor movie night event is on Tuesday, June 22nd behind the community center.

COUNCILMEMBER HENNEN: stated that there was nothing new to report from the Zoning Board of Appeals or Tree Board. He also said neither board has a meeting for the month of June.

CITY MANAGER BAUMGARTEN: stated he is anticipating the reopening to the public. He said to keep looking for updates regarding the reopening. City Manager Baumgarten said the Parks and Recreation building is already reopened to the public on June 1st, the library reopened on June 7th, and City Hall would be reopening on Monday, June 14th. He said the virtual services that have been offered will continue. He said he is looking forward to being able to meet with residents in person again.

ATTORNEY CHRIST: stated the one item of legislation that their office has been following is House Bill 4722 and Senate Bill 446. He said that these bills have to do with short-term rentals and if passed may impact the City and their ability to oversee property that is considered a short-term rental.

MAYOR TERBRACK: stated a resident, and also a proud parent, emailed City Council to inform them that the Berkley High School Girls' Varsity Softball Team is district champions. He said that the team represented the High School and the City very well both on and off the field. He mentioned that the average GPA for the team was well above average and it is impressive to see student athletes maintaining their grades while playing sports. He thanked teachers for guiding their students through what was a very unique school year and mentioned that the last day of school would be this Thursday, June 10th, the day before the grand opening of Oxford Park on Friday, June 11th. He stated that the next City Council meeting would be the last virtual meeting and that in July the City Council would return to the Council Chambers at City Hall.

ADJOURNMENT

Councilmember Hennen moved to adjourn the Regular Meeting at 8:10 p.m.

Seconded by Mayor Pro Tem Dean

Ayes: Dean, Hennen, Price, Baker, Blanchard, and Terbrack

Absent: Gavin

Nays: None

Motion Approved.

A RESOLUTION
Of the Council of the City of Berkley, Michigan
Celebrating the retirement of
Greenfield Presbyterian Church Reverend Peter Moore

- WHEREAS,** In 1991 Reverend Peter Moore became the sixth pastor of the Greenfield Presbyterian Church; and
- WHEREAS,** As Pastor he has provided inspirational leadership through his service to those in need both spiritual and to those experiencing financial hardship and homelessness; and
- WHEREAS,** Reverend Peter Moore is credited with helping to grow the congregation at Greenfield Presbyterian Church after it had experienced years of declining membership; and
- WHEREAS,** In March 2020, Greenfield Presbyterian Church and notably Reverend Moore were recognized by local media for their efforts in providing sanctuary to 19 homeless men, women, and children at the onset of the COVID-19 pandemic; and
- WHEREAS,** As a member of the Berkley Pastoral Alliance he has fostered a spirit of ecumenism among the churches in the City; and
- WHEREAS,** Reverend Peter Moore delivered his final worship service at Greenfield Presbyterian Church on Sunday, January 17, 2021 after serving as the congregation's Pastor for 30 years.

Now, Therefore, the City of Berkley Resolves:

Section 1: *That the City Council does hereby recognize and honor*

Reverend Peter Moore

For the extraordinary service he has provided to the Berkley community over the past 30 years serving as a spiritual leader for his congregation, and notably for the immense community support that Greenfield Presbyterian Church has done under his leadership.

Introduced and passed at a Regular City Council Meeting on Monday, June 21, 2021.

Attest:

Daniel J. Terbrack, Mayor

Victoria Mitchell, City Clerk

A PROCLAMATION
of the Council of the City of Berkley, Michigan
Proclaiming July 2021 as Parks and Recreation Month

P-22-21

- WHEREAS,** Parks and recreation programs are an integral part of communities throughout the country, including the City of Berkley; and
- WHEREAS,** Our parks and recreation are vitally important to establishing and maintaining the quality of life in our community, ensuring the health of all citizens, and contributing to the economic and environmental well-being of a community and region; and
- WHEREAS,** Parks and recreation programs build healthy, active communities that aid in the prevention of chronic disease, provide therapeutic recreation services for individuals with mental or physical disabilities, and also improve the mental and emotional health of all citizens; and
- WHEREAS,** Parks and recreation programs increase a community's economic prosperity through increased property values, expansion of the local tax base, increased tourism, the attraction and retention of businesses, and crime reduction; and
- WHEREAS,** Parks and recreation areas are fundamental to the environmental well-being of the community; assisting in preserving greenspace, providing vegetative buffers from development, producing a habitat for wildlife, and mitigating stormwater runoff; and
- WHEREAS,** The use of the City's parks and recreation has proven to be paramount in keeping the community physically, mentally, and emotionally healthy especially during the COVID-19 public health crisis; and
- WHEREAS,** The City of Berkley recognizes the outstanding benefits derived from parks and recreation resources.

NOW, THEREFORE, THE COUNCIL OF THE CITY OF BERKLEY HEREBY PROCLAIMS

- SECTION 1:** That the month of July 2021 is hereby proclaimed as *Parks and Recreation Month* in the City of Berkley, and City Council encourages all citizens to celebrate healthy, active lifestyles by enjoying their choice of the fantastic park locations here in the City of Berkley.
- SECTION 2:** That the City Council extends gratitude and recognizes the City of Berkley Parks and Recreation Department for their outstanding work in providing the community with recreation opportunities during the COVID-19 pandemic and their continued success in maintaining and adding to the City's beautiful park locations.

Proclaimed this 21st day of June, 2021 at a Regular Meeting of the Berkley City Council.

Attest:

Daniel J. Terbrack, Mayor

Victoria Mitchell, City Clerk

A RESOLUTION
Of the Council of the City of Berkley, Michigan
Recognizing the Outgoing Berkley School District
Superintendent Dennis McDavid

- WHEREAS,** Dennis McDavid began his tenure with the Berkley School District in 2005 as a long-term substitute teacher before serving in the other roles of English teacher, BHS Principal, and Director of Schools and Human Resources; and
- WHEREAS,** In 2007, Dennis McDavid was awarded the Berkley School District Teacher of the Year, subsequently serving as the Berkley Schools nominee for Oakland County Teacher of the Year; and
- WHEREAS,** Dennis McDavid was appointed as Superintendent in 2012; and
- WHEREAS,** Superintendent McDavid led the Berkley School District through the beginning of the COVID-19 pandemic, always focusing on the safety of all students and staff; and
- WHEREAS,** Superintendent McDavid is credited as leading the school district on the continuous journey of becoming a model district for others, greatly improving district infrastructure, and aiming to create inclusive opportunities for all students; and
- WHEREAS,** During his tenure Superintendent McDavid was an outstanding partner to the City, building lasting relationships with City staff and City Council, and one of his greatest impacts outside of the schools was his willingness to collaborate and strategically work with City leadership.

Now, Therefore, the City of Berkley Resolves:

Section 1: *That the City Council does hereby recognize and honor*

Dennis McDavid

For the extraordinary service he has provided to the Berkley community over the past 16 years serving in the Berkley School District, and notably leading the school district as Superintendent for the past 9 years.

Introduced and passed at a Regular City Council Meeting on Monday, June 21, 2021.

Attest:

Daniel J. Terbrack, Mayor

Victoria Mitchell, City Clerk

June 21, 2021 City Council Meeting

Moved by Councilmember _____ and seconded by Councilmember _____ to approve the appointments to various Boards and Commissions:

Beautification Advisory Committee

Anela Mihaescu, reappointment to a term expiring July 1, 2024.
Dan Mihaescu, reappointment to a term expiring July 1, 2024.
Jennifer Smitterberg, reappointment to a term expiring July 1, 2024.

Board of Review

Suzanne Thiede, reappointment to a term expiring July 1, 2025.

Citizens Engagement Advisory Committee

Jaye Sanders, reappointment to a term expiring July 1, 2023.
Jessica Vilani, reappointment to a term expiring July 1, 2023.
Sandy Fisher, appointment to a term expiring July 1, 2023.
Brandon Moss, appointment to a term expiring July 1, 2023.
Katie Ware, appointment to a partial term expiring July 1, 2022.

Environmental Advisory Committee

Reid Klintworth, appointment to a term expiring July 1, 2024.

Historical Committee

Dale Carlson, reappointment to a term expiring July 1, 2024.
Rachel Patterson, appointment to a term expiring July 1, 2024.
Kaitlin Scharra Eraqi, appointment to a term expiring July 1, 2024.

Library Board

Rita VanBrandeghen, reappointment to a term expiring July 1, 2026.

Parks and Recreation Advisory Board

Mike Kerby, reappointment to a term expiring July 1, 2024.
Gregory Patterson, reappointment to a term expiring July 1, 2024.
Gary Polk, reappointment to a term expiring July 1, 2024.

Planning Commission

Gregory Patterson, reappointment to a term expiring July 1, 2024.
Martin Smith, reappointment to a term expiring July 1, 2024.
Daniel Petrosky, appointment to a term expiring July 1, 2024.

Technology Advisory Committee

Reid Klintworth, reappointment to a term expiring July 1, 2023.
Anna Luptak, reappointment to a term expiring July 1, 2023.
Stephanie Norton, appointment to a term expiring July 1, 2023.
Chien-ting Chen, appointment to a partial term expiring July 1, 2022.

Tree Board

Lisa Fritsch, reappointment to a term expiring July 1, 2024.
Margaret Grassa, reappointment to a term expiring July 1, 2024.
Kathleen Karlis, reappointment to a term expiring July 1, 2024.
Robert Lathrop, reappointment to a term expiring July 1, 2024.
Michael Leneway, reappointment to a term expiring July 1, 2024.
Stephen Bard, appointment to a term expiring July 1, 2024.
Kasie Criscenti, appointment as a Student Member with a term expiring October 1, 2022.

Zoning Board of Appeals

Paul Evans, reappointment as a Regular Member with a term expiring July 1, 2024.
Miles Uhlar, reappointment as a Regular Member with a term expiring July 1, 2024.
Erick McDonald, reappointment as an Alternate Member with a term expiring July 1, 2024.

Ayes:

Nays:

Motion:



CITY OF BERKLEY

Public Library

3155 Coolidge Highway

Berkley, MI 48072

248-658-3440

MEMORANDUM

TO: Matt Baumgarten, City Manager
CC: Victoria Mitchell, City Clerk & Rita VanBrandeghen, Library Board Chair
FROM: Matt Church, Library Director
DATE: June 9, 2021
RE: Recommendation from the library board

At its meeting on June 9, 2021, the library board reviewed the library board applications for the library board term that expires this year. Rita VanBrandeghen is the incumbent and applied to be reappointed to the position. The library board's support of Rita continuing in her current role was unanimous.

Please let me know if I can answer any questions or provide you with additional information.

M-31-21

June 21, 2021 City Council Meeting

Moved by Councilmember _____ and seconded by Councilmember _____
to receive and file the Berkley Department of Public Safety 2020 Annual Report.

Ayes:

Nays:

Motion:

2020 Annual Report

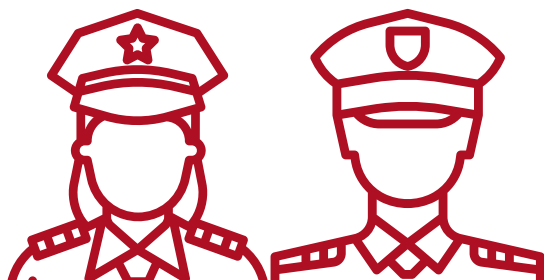


City of Berkley Department of
Public Safety

248-658-3380 | www.berkleypublicsafety.org | 2395 W. 12 Mile Rd. Berkley MI, 48072

TABLE OF CONTENT

1. Table of Contents
2. Mission Statement
3. Letter from the Director
4. History
5. Officers
 - a. New Hires / Promotions / Retirement
6. Civilian Personnel
7. Police Operations
 - a. Citations / Firearms Training
 - b. K-9 / SWAT
 - c. Dispatch / Animal Control
 - d. Records / In the News
 - e. Traffic Enforcement
8. Fire Operations
 - a. Fire Statistics
 - b. Fire Inspections
 - c. Medical Operations
9. Investigations
 - a. Major Cases / Juvenile Report
 - b. Crimes / Serious Incidents
 - c. Accidents
 - d. Professional Standards Review
 - e. Crime Statistics
10. Community Relations
 - a. Golf Outing / Lids for Kids & Fire Open House
 - b. Honor Guard / Auctions
11. Awards & Citations
12. Budget
13. Pictures from year
14. Closing



CONNECT WITH US

Stay up-to-date with the latest announcements and news from Berkley Public Safety through the following spaces:



Like and follow us on Facebook: @BerkleyDPS



Sign up for the City eBlast updates at:
www.berkleymich.org/newsletters



Visit www.berkleypublicsafety.org

OUR MISSION

The Berkley Public Safety Department is committed to maintaining the safety and quality of life for the community, through the delivery of superior police, fire, and EMS services without prejudice or partiality.

We strive to offer the best services as a combined Police and Fire Agency known as **PUBLIC SAFETY** while maintaining community involvement, protection, and service to residents, businesses, and visitors alike.

A LETTER FROM THE DIRECTOR



I am pleased to present the Berkley Department of Public Safety's (BDPS) 2020 Annual Report. This report is part of our ongoing efforts to increase transparency and keep the public informed on the activities of your Public Safety Department.

Obviously, 2020 was a very challenging year for all of us. The Coronavirus Pandemic (COVID-19) continues to affect all of us in just about every facet of our lives. I am particularly proud of the way our personnel continued to deliver superior police, fire, and medical services to the public while being exposed to COVID-19 on a daily basis. While most of the world stayed home, our personnel continued to come to work and serve the public, while exposing themselves and their families to the virus.

Even with all of the challenges, 2020 was also a year of great strides for our Department. During the year, we issued over 170 new Police/Fire/EMS General Orders (policies and procedures) to align with best practices for public safety. These included new or modified General Orders for our Code of Ethics, Pursuits, Use of Force, Citizen and Internal Complaints, Employee Assistance, Bias Influenced Policing, De-escalation, Excited Delirium, Duty to Intervene and Report, Positional Asphyxiation, and Personnel Early Warning System.

We also launched several software platforms including Power DMS, a document management system, and Guardian Tracking, a personnel accountability/early warning system. The new and modified General Orders, along with the software platforms and training, have given our personnel increased guidance on how to manage and respond to a vast array of situations. In addition, our personnel completed hundreds of hours of Police/Fire/EMS training.

We also greatly improved our fire response and safety in 2020. We established a Fire Prevention Division, purchased our newest fire apparatus, Tower 4, and purchased Squad 4, which replaced Ladder 4. These new vehicles have modern safety features making them more versatile and safer fire apparatus. Tower 4 also allows us to access the roof of the tallest building in the City and Squad 4 allows us to access narrow streets and parking lots. Our software now allows our fire inspectors to conduct all of their inspections digitally and more efficiently. This information, along with pre-plans that are also entered and retained within the software, is available online on our mobile phones and tablets to all of our officers in the event of an emergency. In July 2020, we also created the new position of Fire Inspector/Instructor. Officer Jon Roberts, who is both a fire inspector and instructor, was selected for this position. The addition of this position, the newly added apparatuses, and technology, have enhanced our fire safety, education, training, and response.

In addition, BDPS also completed several building projects. These projects included the completion of the Dispatch Center and first-floor renovations, the completion of the Fire Hall expansion project, the conversion to LED lights in the station, and the repair of the Public Safety roof.

Yet, we are not resting on our laurels and have big plans for 2021. Included in these plans are the continued efforts to address and mitigate building issues with the remodeling of our main entrance and lobby to make it ADA compliant. We will also continue to utilize civilian staff for as many support functions as possible, freeing sworn personnel for Public Safety Officer duties, make use of and implement technology systems to make the Department more efficient and effective, and continue the professional development of all BDPS personnel through training and mentorships. We will also begin the Michigan Association of Chiefs of Police accreditation process, as well as, welcome the long-awaited implementation of our K-9 Program.

With the support of the City Administration, City Council, and the public, we continue to evolve and plan for the future to keep everyone safe.

Sincerely,
Public Safety Director Matt Koehn



DEPARTMENT HISTORY

Berkley Public Safety began as a Police and Fire Department in 1924.

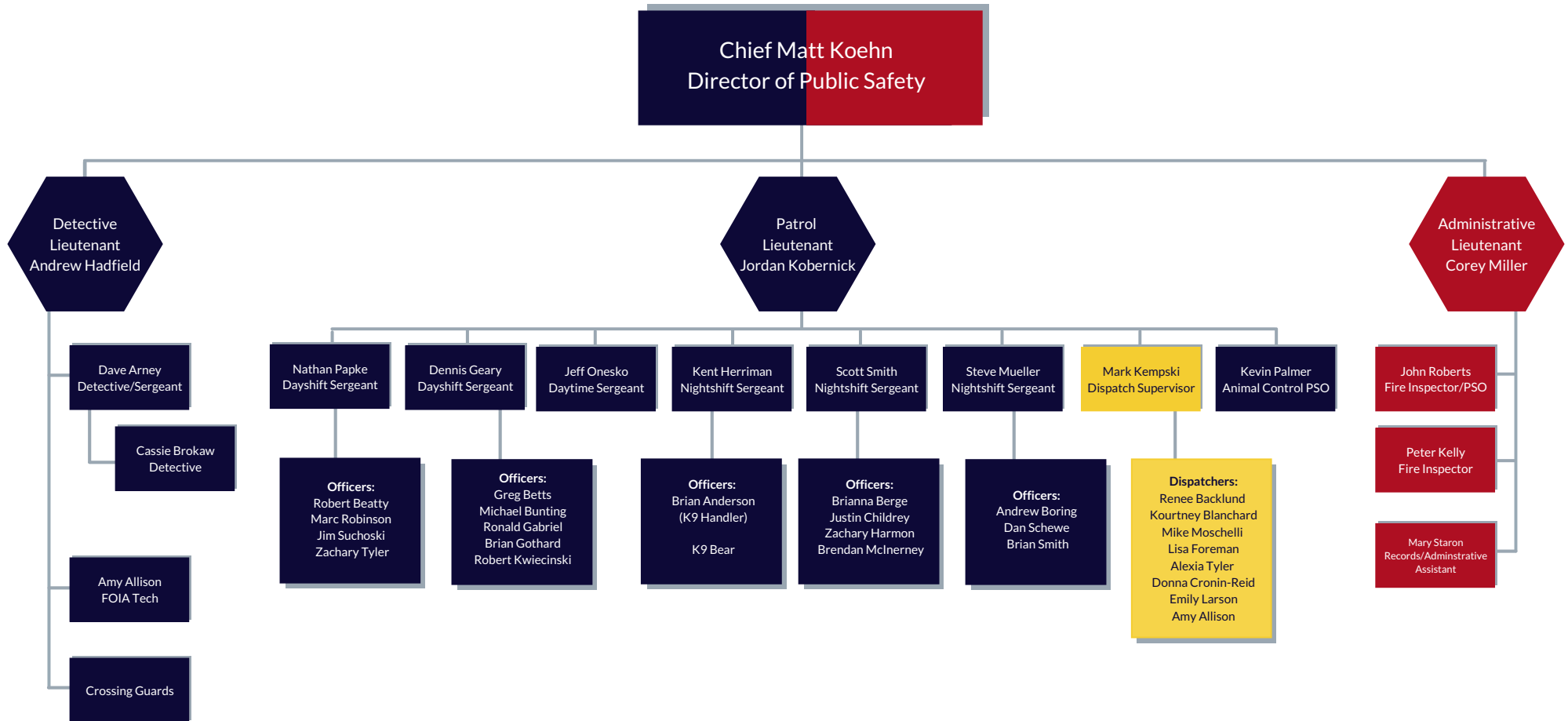
In 1981, the Departments merged into what is now the Public Safety Department, where the officers are trained in both Police and Fire operations.

Berkley has been recognized as the fifth safest city in Michigan since 2014, and more recently, the fourth safest in 2019 by ALARMS.ORG.

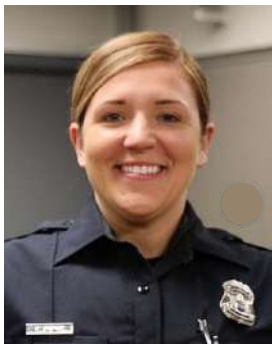
Public Safety continues to strive towards the goal of community service, as well as providing the quickest response time and quality services to all residents and visitors. We must always remember our past so we can move forward in our future.



DEPARTMENT PERSONNEL



NEW OFFICERS, PROMOTIONS, RETIREMENTS & OFFICER UPDATES



WELCOME OFFICER BRIANNA BERGE (*Started at the end of 2019*)

Berge completed the Oakland Police and Fire Academy and began initial training in 2020. She is a great addition to our staff as a Rookie officer.



WELCOME OFFICER ANDREW BORING

Boring previously worked at Beverly Hills for 3 years and for 7 years with Eastpointe Fire Department and Commerce Fire Department. He is also a paramedic and a 2009 graduate of Berkley High School.



HAPPY RETIREMENT SERGEANT JUSTIN FROST

Sergeant Justin Frost retired in 2020 after 21 years of service with the department.

CIVILIAN PERSONNEL

Our Dispatchers work 12-hour shifts and are ready for every regular business question to the most severe emergencies. They typically work as a two-person team and handle calls for the Cities of Berkley, Huntington Woods, and Pleasant Ridge. They are more than just Dispatchers - they are the calm voice on the other end.

We cannot thank our Dispatchers enough for the job they do.



POLICE OPERATIONS

2020

PATROL REVIEW



The Patrol Division is the uniform presence for the Berkley Department of Public Safety. Public Safety Officers (PSO) respond to calls dispatched through our Dispatch Communications Center located at the public safety building.

Officers are State of Michigan licensed in three disciplines: Police, Fire, and EMS. Officers carry all the necessary equipment to respond to most emergencies throughout the City of Berkley. When PSOs are not on a dispatched run, they conduct proactive patrols and traffic enforcement.

2020 presented many unique challenges for our officers. From a global pandemic to civil unrest, it took a heavy toll on our officers and their families. Out of these challenges, your officers affirmed their selfless demeanor by coming into work day after day and providing unparalleled service to the community. After witnessing the response to this difficult year and as the expectations of public service change, I have no fear that our officers will rise to whatever challenges are put in front of them, all while maintaining the level of service we have all come to expect.

ACCOMPLISHMENTS:

Officers in 2020 were able to proactively patrol the streets in what some thought might be a busier year to one of our safest years. This is directly attributed to our PSOs. Officers were able to successfully arrest and prosecute hundreds of cases involving crimes, but also conduct silent good deeds.

There were numerous "thank you's" to officers who played basketball with kids in the street, helping people navigate the ever-changing executive orders due to the pandemic, and much more. Officers not only juggling the concern of taking a virus home to their families after coming into contact with people each day but also managing a different way to respond to emergencies. They were able, as always, to adapt and overcome any obstacle. While the number of community relation events were down, officers found ways to escort large "Birthday Drive-By's" for kids (and sometimes seniors) of the community using the patrol cars and fire engines.

GOALS FOR 2021:

In 2021, the Patrol Division is looking forward to the addition of a K-9 Unit, originally slated to start this past year. The introduction of K-9 "Bear" is already becoming a welcome name in our family and holds true to the spirit of our High School Mascot. Officers will also work through new laws, training standards and the ever-evolving climate to engage, protect, and serve the community of Berkley.

Sincerely,
Lieutenant Jordan Kobernick



CITATIONS

2020 was dominated by COVID-19. Our officers' contact was limited from a large decrease in vehicular traffic and a lack of businesses being open due to people working from home. BDPS saw a total of 5900 violations issued for Misdemeanor and Civil Infractions and a total of 6,661 charges.

This included:

- Parking—3,040 (2-6 am)
- No License / Suspended License—138
- Speeding—701
- No Insurance / No Proof—249
- Impeding Traffic -1,319
- Operating While Intoxicated (or Drugs)—125
- Disobey Stop Sign—240
- Texting While Driving—56

Total citations were down 22% from the previous year of 7542 citations issued.

RANGE OPERATIONS

In 2020, the BDPS Range Team was able to get in some much-needed, required, and valuable range training. Range training not only consists of firing our service weapons which include handguns, rifles, and shotguns but also updates our Response to Resistance / Use of Force Scenarios.

Our officers are constantly training for real-life situations as well as being prepared for anything. This is sometimes done using “submunitions” in which officers will use “soap bullets” that leave a colored mark on the body with minimal pain to simulate a real-life situation.

Whether it is Active Shooter Training, a traffic stop, or any other use of force scenario, our BDPS team works tirelessly to keep our officers in top shape when it comes to the range.



In 2020, Officers were able to complete the MCOLES State-mandated yearly qualification, along with monthly training including indoor and outdoor shoots. The work consisted of the safe handling of firearms, target recognition, and shoot/don't shoot scenarios.

With each situation, officers are reminded of the legalities of weapon discharge as well as the responsibilities. Our BDPS team is top-notch when it comes to leading the way in Public Safety Range Operations.

K-9 OFFICER PROGRAM

The K-9 program was set to start in 2020, however, was pushed back due to COVID-19. While our department couldn't interact with the community, officers continued to prevail by focusing on administrative tasks like securing a K-9 vehicle, dog cage, and other accessories.

Officer Brian Anderson, who was selected to be the K-9 Handler will start his training in the Spring of 2021. We are also excited to meet the new member of our family K-9 "Bear".



SWAT

In 2018, the BDPS and five other southern Oakland County police agencies joined the Oakland County Sheriff's Office SWAT team. The Oakland County SWAT team consists of highly trained deputies and officers with specialized training and equipment.

The SWAT team responds to incidents involving hostage rescue, barricaded gunmen, high-risk warrant arrests, narcotics search warrants, civil disturbances, and other critical incidents throughout our communities. A rigorous selection of team members combined with continuous specialized training and sophisticated equipment provide the team with the necessary capabilities to resolve these dangerous incidents safely. In 2019, three additional Oakland County police agencies joined the SWAT team.

In 2020, the SWAT team responded to five barricaded gunman incidents, six high-risk search warrants and was also utilized for several high-profile events including the Woodward Dream Cruise and assisting the United States Secret Service with Presidential election-related details.

DISPATCH OPERATIONS

The Dispatch Center is responsible for handling both 911 and non-emergency calls for the Cities of Berkley, Huntington Woods, and will soon resume services for the City of Pleasant Ridge.

Public Safety Dispatchers handle radio communications with Public Safety Officers and are responsible for many computerized tasks including Computer Aided Dispatch (CAD) calls for officers, Law Enforcement Information Network (LEIN), and National Crime Information Center (NCIC) queries and entries on persons and property, assist citizens at the front desk, and various clerical tasks.



In 2020, the Berkley Dispatch Center answered 21,661 non-emergency phone calls (12.86% drop from 2019) and 6586 calls to 911 (9.98% drop from 2019). The average answer time for a 911 call made to BDPS was answered in 3.8 seconds which is well below the 10-second standard set by the National Emergency Number Association (NENA).

In 2020, the Dispatch Center dispatched 10,488 calls-for-service for the City of Berkley and 1599 calls-for-service for the City of Huntington Woods, a drop of 34.38% and 18.5% respectively for each department from 2019. In 2020, we dispatched 812 medical runs and 163 fire-related runs in the City of Berkley, and 278 medical runs and 111 fire-related runs for Huntington Woods.

In 2020, we had two applicants successfully complete the Communications Training Officer (CTO Training) to bring our staff to six full-time Dispatchers and one part-time Dispatcher. The Dispatch Center is staffed by two Dispatchers on dayshift and one Dispatcher on nightshift. The second Dispatch position on nightshift is to be filled as soon as interviews are complete.

The goal of the Berkley Dispatch Center is to provide top-level call service to the community and Public Safety Officers.

ANIMAL CONTROL

Berkley Animal Control received 238 animal complaints in 2020, along with 17 animal bite reports. Our Berkley Animal Control also provides contracted service for the City of Royal Oak and received 727 animal complaints, along with 60 animal bite reports.

One of the bigger "incidents" for our Animal Control Officer (ACO) was a "hoarding" case in Royal Oak, which contained around 100 cats in a singular home.



The felines were successfully removed by the ACO after several months of work.

In 2021, Animal Control will be providing service for the Cities of Huntington Woods and Pleasant Ridge. Additionally, our ACO was able to secure a long-needed new vehicle for their service routes.

RECORDS

The Berkley Public Safety Records Bureau is open Monday - Friday from 8:30 am – 4 pm. In 2020, the Records Bureau processed 112 Discovery Requests from attorneys, and 161 Freedom of Information Requests (FOIA).

The Records Bureau **DOES NOT** release records involving open investigations, non-public records, or records involving protected information (e.g. HIPAA/medical reports).

An integral part of our organization is the Records Bureau who assists with numerous department functions including budgeting, finance, process orders, personnel issues, and payroll. Our administrative assistant works directly with and for the Director of Public Safety.

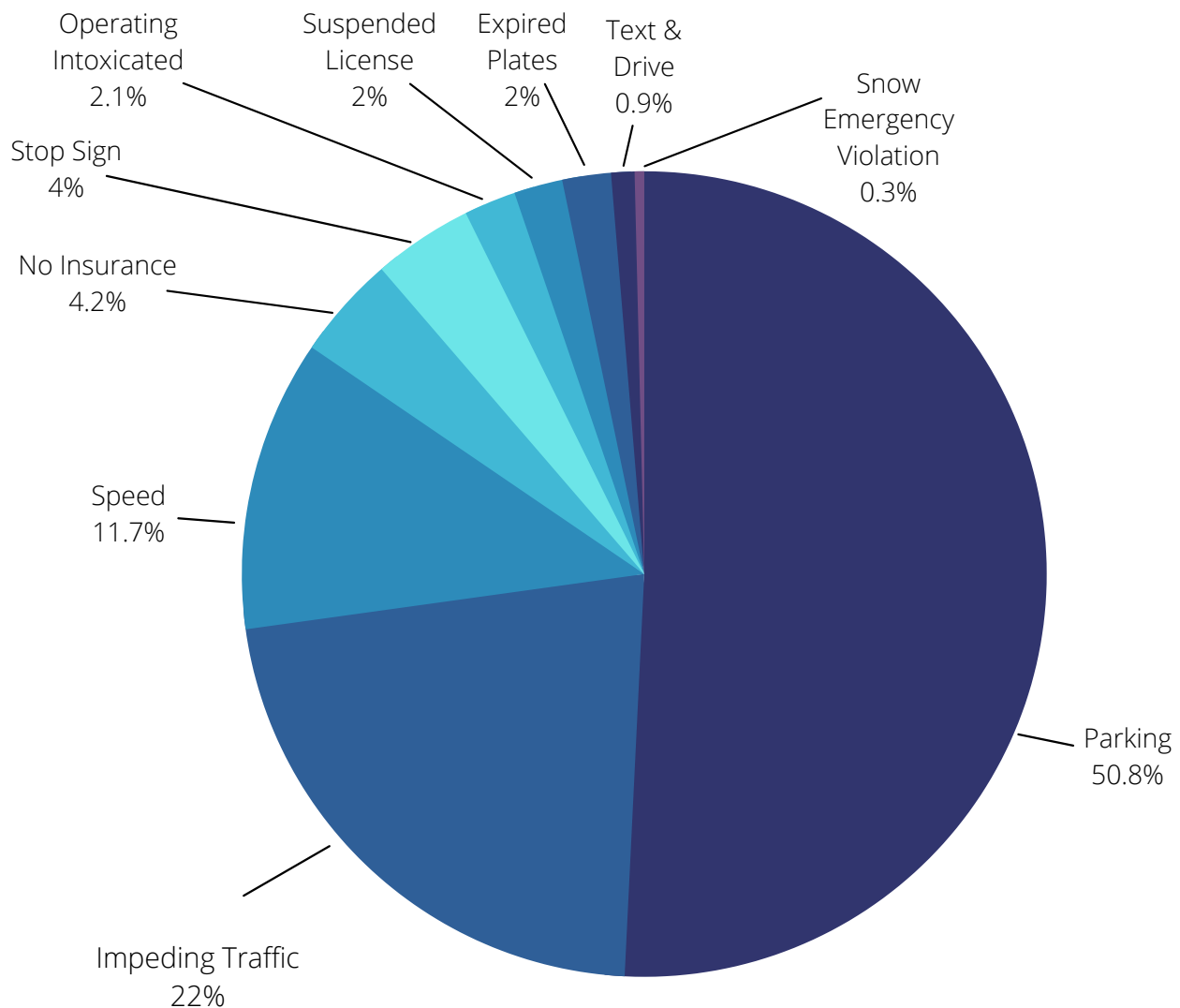
PUBLIC SAFETY IN THE NEWS

Berkley DPS was featured in a few major stories over the 2020 calendar year. Here are a few of the highlights:

- **POLICE INVESTIGATE FORMER EMPLOYEE FOR EMBEZZLING MORE THAN \$75,000**
www.candgnews.com/news/police-say-former-durst-lumber-employee-allegedly-embezzled-more-than75000-117829
- **MAN DIES AFTER CRASHING CAR WHILE FLEEING COPS IN BERKLEY**
www.patch.com/michigan/berkley/man-dies-after-crashing-vehicle-while-fleeing-police
- **BERKLEY PUBLIC SAFETY RESCUE WOMEN FROM HOUSE FIRE**
www.fox2detroit.com/news/berkley-woman-recovering-from-surgery-pulled-from-house-fire
- **BERKLEY POLICE WORKS WITH AMERICAN LEGION TO PROVIDE COMFORT BEARS TO KIDS**
www.clickondetroit.com/news/local/2020/01/13/berkley-police-department-works-to-bridge-gap-betweenits-officers-and-children/



DRIVING CITATIONS



Top Citations for Berkley DPS

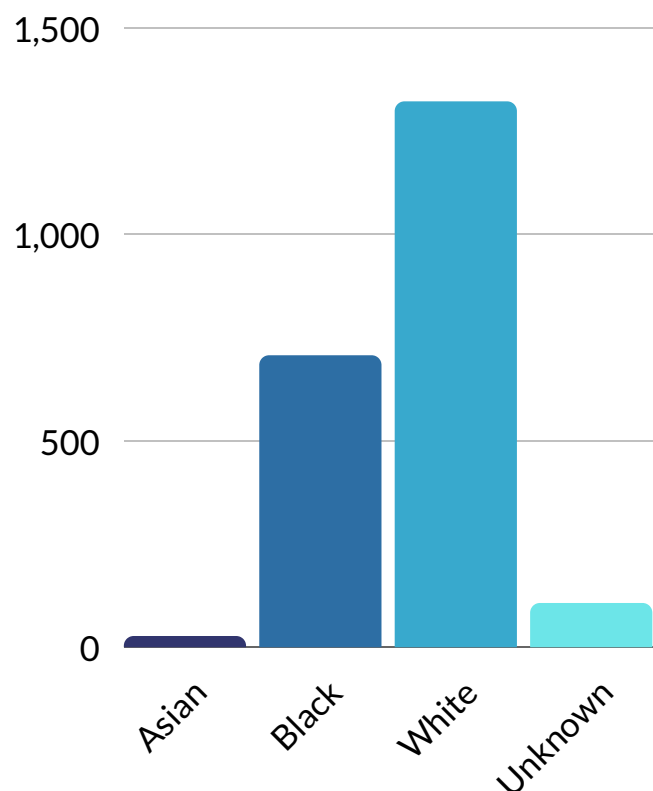
- No Parking 2-6 am 3040
- Impeding Traffic 1319
 - A no-point violation issued at the discretion of the officer in lieu of a moving violation.
- Speed (All) 701
- No Proof of Insurance 249
- Stop Sign 240
- Operating While Intoxicated 125
- Drive While License Suspended 117
- Expired plates 117
- Texting and Driving 56
- Snow Emergency Violation 23

TOTAL = 6,661 Violations

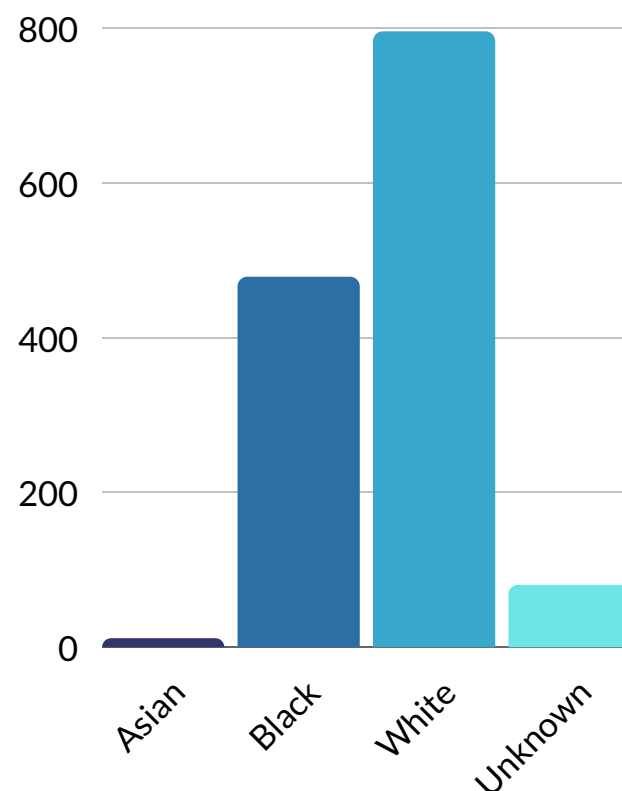
****Not all violations issued are listed. This is a majority sample.****

CITATIONS BY SEX / RACE

MALE



FEMALE



TOTAL VIOLATIONS = 6,661

Parking accounts for approx. 3200 of the total

MALE

- Asian—26
- Black—706
- White—1321
- Unknown*—106

FEMALE

- Asian—11
- Black—478
- White—795
- Unknown*—80

**Either the driver is not present or not immediately apparent to the officer.*

FIRE OPERATIONS

2020

FIRE REVIEW



The operation of the Fire Division involves fire suppression, fire prevention, and fire education. The Fire Division saw several changes this year.

The biggest and newest change was a Fire Inspector position was filled with a full-time Fire Inspector. Since 2013, the City of Berkley only had a part-time Fire Inspector. The addition of a full-time Fire Inspector is part of the division's succession planning goals. The new Fire Inspector is also a Public Safety Officer like the rest of our officers trained in each discipline.

In addition to conducting fire inspections, the Fire Inspector also is a fire investigator, HAZMAT team member, and one of the agency-certified fire instructors. The Department has invested in a modern web-based fire inspection software which will increase the efficiency of all inspections done in the City. The goal of the Fire Division is to be able to conduct annual fire safety inspections on over 400 commercial occupancies by 2022. This increased fire inspection frequency will ensure our community remains safe.

Throughout the year, BDPS personnel attended numerous training some of which included: Fire Command Officer training, Rapid Intervention, Fire Ground Survival, Live Fire, CPR, FEMA Classes, and various other training related to firefighting duties.

The Department took delivery of a new ladder truck (Tower 4) in late August 2020 after 14 months the truck took to build. Tower 4 has replaced the City's 1995 apparatus, Ladder 4, which had several limitations including the ladder only being able to extend 51-feet horizontally. Ladder 4 was incapable of reaching the majority of roofs within Berkley. The new Tower 4 has a reach of 104-feet which is over double the reach. Along with its increased reach, Tower 4 includes several modern safety features making the vehicle a more versatile and safe fire apparatus. The old Ladder 4 was sold to the Essexville Department of Public Safety near Bay City, Michigan. Essexville needed a ladder truck that would fit into their current fire station and Ladder 4 was a perfect fit for their community. They were also selling a 2006 fire engine which fit our needs as a reserve fire engine. We agreed to sell our ladder truck to them, and in return, bought their 2006 fire engine now known as Squad 4.

Squad 4 has very low hours and miles on it. When it was purchased, Squad 4 only had 41 total hours on the pump and less than 7,000 miles, making it a very wise investment for our community. It also is smaller and more maneuverable around our alleys, apartment buildings, and other tight locations around the community.

The Fire Division continues to make improvements to the services it provides through fire prevention, training, and education. These continuous improvements will equate to better insurance ratings for our community and residents.

Sincerely,
Lieutenant Corey Miller



FIRE RUN STATISTICS

Incident response statistics for the year 2020:

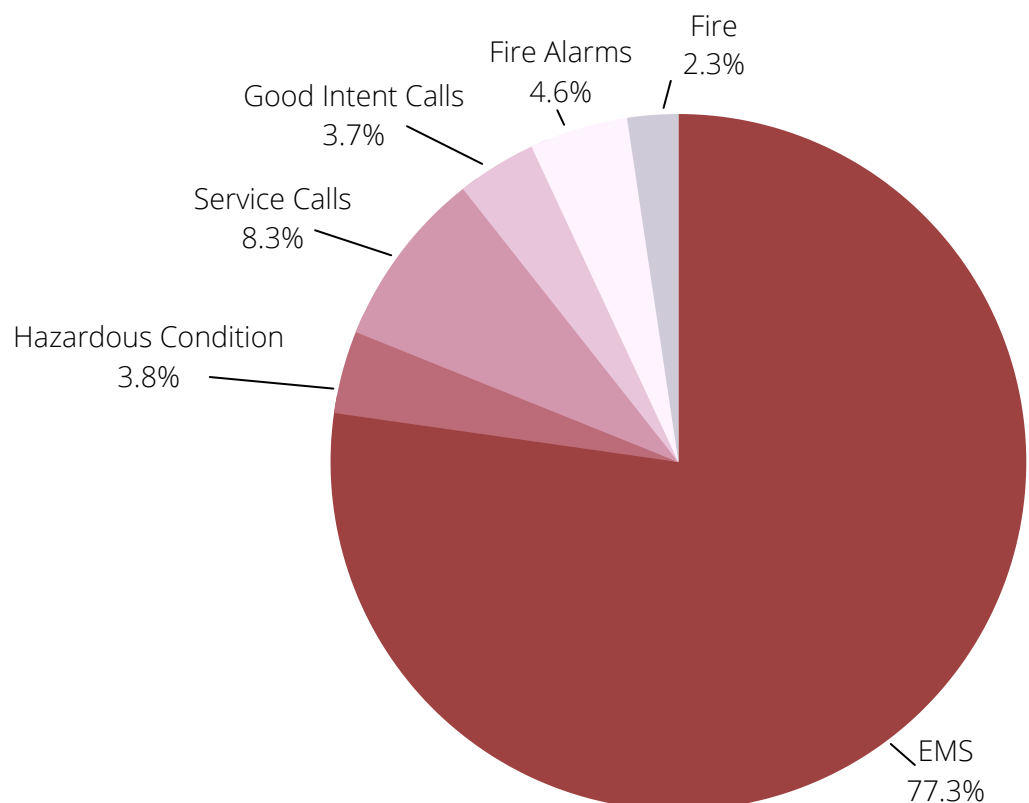
- 1046 Emergency Medical (EMS) calls-for-service
- 325 Fire-related incident calls for service

The following is a breakdown of the calls-for-service:

- 32 Fire Incidents
- 17 Overpressure, Rupture, Explosion, and overheat (no fire) incidents
- 1046 Rescue & Emergency Medical Service incidents
- 52 Hazardous Condition (no fire) incidents
- 112 Service Call incidents
- 50 Good Intent incidents
 - *Service Calls that were responded to where there was a perceived emergency but found to be a non-emergency.*
- 62 Fire Alarm incidents

Breakdown of Special Incidents are as follows:

- 4 Vehicle Fire Incidents
- 17 Structure Fire Incidents
- 9 Incidents in which we received Mutual Aid
- 18 Incidents in which we provided Mutual Aid
 - *This includes mutual aid services in the surrounding communities.*



FIRE INSPECTION STATISTICS

Fire Inspection statistics for the year 2020:

- 315 Total Fire Inspections

The following is a breakdown for Fire Inspections:

- 164 Initial Fire Inspections
- 151 Re-Inspections
- 22 Plan Reviews

Fire Cause and Origin Investigations:

- 9 Fire Investigations

Fire Prevention Goals for 2021 - 2022:

The fire inspectors have over 400 occupancies to inspect for fire and life safety code compliance. With the addition of a full-time fire inspector, along with acquiring tablet-based inspection software, the frequency of fire inspections at all the occupancies will increase from once every three to five years to an annual inspection. The inspection software also provides a pre-incident planning module which allows our fire inspectors to survey all commercial occupancies while conducting their fire inspections and creates a database for fire response.

The database will include drawings of the buildings, hazards, utility shut-offs, emergency contact numbers, and any other needed information. The pre-incident and pre-planning information will be available to all responders through tablets mounted in each of the fire apparatus, improving safety and efficiency.



MEDICAL STATISTICS

2020 COMMON MEDICAL RUNS

A function of the Fire Division is emergency medical response services. Below is a breakdown of the 2020 statistics.

TOTAL FOR COMMON MEDICAL RUNS: 1046

- Emergency: 504
- Non Emergency: 542
- Total Transports: 645

TYPES OF COMMON MEDICAL RUNS:

- Difficulty Breathing: 81
- Chest Pain: 59
- Stroke: 28
- Falls: 62
- Accidents: 26
- Overdose: 17
- Unknown Reason: 38
- Unconscious: 32

MAJORITY OF MEDICAL RUN DAYS OF WEEK:

- Sunday
- Monday
- Wednesday

MAJORITY OF MEDICAL RUN TIMES:

- 12:00 am — 3:00 am
- 8:00pm

BUSIEST MONTH:

- September

*****Not all incidents are listed. This is a majority of run types.*****



INVESTIGATIONS

2020

INVESTIGATIVE REVIEW



The Investigation Division involves investigating any Felony Crime, certain Misdemeanor crimes, and a wide range of other community issues. Cases are assigned between three investigators with our arrest cases receiving a 100% conviction rate.

The goal of the Detective Bureau (DB) is to attempt to identify and correctly report incidents that occur in Berkley. We investigate the who, what, where, when, and why of the cases and develop a suspect. We then work with a Prosecutor to obtain charges in criminal cases.

We spend a lot of time with the courts, victims, and suspects attempting to not only charge someone in criminal cases but also how to come up with solutions for future prevention. The DB also handles Juvenile Investigations.

One other important function of the DB is the Professional Standards Reviews of our PSO's and ordinance reviews. The DB works to make sure our officers are updated with the most current legal training in State, County, and local laws and their job functions. We review each and every report looking for areas of future training and areas to improve.

In 2020, the Berkley DB investigated 426 Adult Cases and 22 Juvenile Cases. Out of the Adult Cases, charges were issued in 150 cases. Only one case was dismissed in court, due to the Prosecutor's error, otherwise giving the DB a 100% conviction rate. Having a high conviction rating means our DB conducted due diligence in making sure we had the correct person charged, with the correct offenses, and the evidence to back up a conviction. The DB also investigated cases that were reported at the end of 2019, totaling just over 500 cases in the City. It's a tough job, with three people, 500 cases, 24 hours per day.

Additionally, the DB also spends time on crime prevention. We work with businesses on the implementation of proper security features, spend time in the schools educating teens about social media, crimes, and status offenses with a big focus on how we can all learn from our mistakes.

The DB is looking forward to more enhanced training and the ability to serve the needs of the community throughout 2021. We know through the COVID-19 pandemic, the challenges will continue for some people. We want those victims to know we are here to help, suspects to be held accountable, and families to trust in the effort and promise to keep Berkley one of the safest cities in Michigan.

Sincerely,
Detective Lieutenant Andrew Hadfield



INVESTIGATION STATISTICS

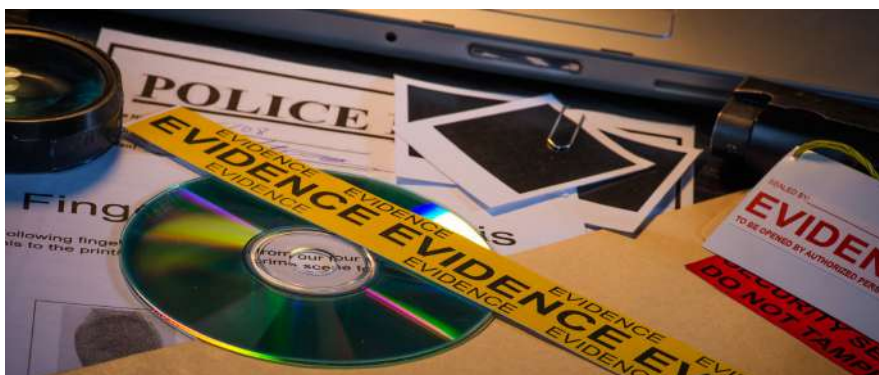
Berkley continues to be one of the safest communities in Metro Detroit. Yet, we still deal with serious felony cases. Berkley Detectives investigate all felony cases within the community.

In 2020, we had two new reports of Criminal Sexual Conduct. We received one Home Invasion and there were four Felonious Assaults. Additionally, Berkley DPS investigated 14 stalking cases, 50 larcenies, 52 ID theft cases, 15 Weapons cases, 15 Narcotics cases, and a few other felony crimes.

We had a total of 198 Type A Crimes as listed by the FBI. A total of 243 Type B Crimes, ranging from Drinking & Driving, (125), Obstruction (51), and other miscellaneous offenses.

The total between all Type A, B, & C Crimes was 5196 incidents. Out of these 70 were Warrants Entered, 1500 Miscellaneous Complaints, 635 Non-Criminal Complaints, 352 Traffic Complaints, 227 Crashes, 55 Juvenile, and 199 Traffic-related Incidents.

More info can be found here on the FBI Website at www.crime-data-explorer.app.cloud.gov/explorer/agency/MI6325100/crime



JUVENILE INVESTIGATION STATISTICS

In 2020, Berkley DPS handled 22 Juvenile cases. The 22 cases are down from the usual 75-100 cases in a typical year. The reduction of Juvenile cases can be contributed to the COVID-19 pandemic which had required schools to close.

Juvenile cases of 2020 include curfew violations, family trouble/domestic violence, indecent exposure, assault and battery, and to resist, obstruct and assault of a Public Safety Officer. Many of the Juvenile cases were mitigated within the Public Safety Department. Others were sent to the Berkley-Huntington Woods Youth Assistance Program and two were sent to the Oakland County Juvenile Prosecutor.

Berkley Juvenile officers are Lt. Andrew Hadfield and Sgt. David Arney. They work tirelessly to focus on correcting behavior among children rather than punishment. They regularly attend student events including, football games, dances, prom, and sometimes graduation parties, if invited. Berkley DPS loves our community and knows kids are the future leaders.

TRAFFIC CRASH STATISTICS

Traffic crashes are unfortunately one of the worst days for some people. An unexpected turn, stop or weather can change a good day to a bad day. In Berkley, we investigate all types of crashes. From minor parking lot bumps to multi-car accidents, as well as the tragic Fatal Accidents and Serious Injury Accidents.

Below are the Traffic crash statistics for 2020 which had a total of 228 accidents reported. Berkley averages over 350 per year. This was slightly down in 2020 with fewer cars driving on the streets due to businesses shutdown.

- Regular Crashes: 170
- Injuries: 14
- Hit / Run: 21
- Private Property: 19
- Fatal: 1
- Pedestrians: 3



SERIOUS INCIDENTS

One of the Detective Bureau highlights from 2020 was the solving of serious cases.

In February, the DB was able to investigate an employee from Durst Lumber who embezzled over \$75,000 from the business. He was charged and pleaded guilty to the incident. Embezzlement cases are some of the most time-consuming, and the toughest challenge is “chasing the paper trail” which involves analyzing the purchases and activity on credit cards, cash, and charges.

Berkley Detectives were also able to investigate and charge a Detroit subject for an unarmed robbery of a citizen in April. Through the investigation, eyewitness accounts, and other evidentiary techniques, we were able to obtain enough for charges and receive a prompt guilty plea.

In September 2020, a subject committed a Breaking & Entering (B&E) of a commercial office. Detectives were able to lift and examine fingerprints from the office and safe. From there, we were able to make a connection to a long-time criminal. Charges were issued and a conviction and sentencing are forthcoming in 2021.

One of the tougher issues is a recent upswing in Flee / Elude drivers running from a police officer in Metro Detroit. Out of the 26 Flee / Elude incidents, Berkley DPS was able to secure charges on several of these cases which otherwise may have continued.

PROFESSIONAL STANDARDS

Part of the Public Safety Department's effort to be transparent is releasing information in regards to our Professional Standards Reviews. These could be from citizen complaints or from our internal review of pursuits, cases, and arrests. We also review Use of Force Incidents **EVERY TIME** an officer has to respond to an individual who is either resisting arrest or legal compliance. Below is a summary of the statistical investigations towards these.

- **NOTE:** We do not release the topics, investigate details or facts of the case in all internal reviews.

NUMBER OF INCIDENTS REVIEWS

- CITIZEN COMPLAINTS - 2 (Several allegations within 1 complaint regarding Use of Force) Patrol Tactics
- PURSUIT REVIEWS— 26
- RESPONSE TO RESISTANCE— 2
- INTERNAL REVIEWS— 5 (3 Pursuits, 1 Crash, 1 Off-Duty Complaint)

All formal reviews have several outcomes. One complaint or one review of an incident could find several offenses or violations within each. For example, there could be one pursuit that involves five or more policies. One citizen complaint could make several allegations or one incident could involve several officers. The outcomes could be the following:

- **Sustained**—A Department order / policy / procedure was in place and was not followed properly.
- **Exonerated**—The actions were reviewed and did occur, but were legal and within policy.
- **Undetermined**—There is not enough evidence to prove or disprove an allegation or violation of policy.
- **Unfounded**—The complaint / action did not occur as reported.

	Sustained	Exonerated	Undetermined	Unfounded
CITIZEN COMPLAINTS	0	2	2	2
PURSUIT REVIEWS	3	16	3	4
RESPONSE TO RESISTANCE	0	2	0	0
INTERNAL REVIEWS (other)	1	0	1	0

BDPS will continue to work on improving our officers through training, meeting the standards set within the agency, and our goal of becoming accredited through the Michigan Association of Chiefs of Police (MACP) Program. We strive to hold ourselves to the values of competency, integrity, and work ethic to be able to provide the City of Berkley with superior service.

2020 CRIME STATISTICS

INCIDENT STATISTICS

	2016	2017	2018	2019	2020
Murder/Homicide	0	0	0	0	0
Criminal Sexual Acts	5	1	1	3	3
Robbery	0	2	0	1	1
Assaults	37	29	29	20	20
Burglary	11	12	8	5	1
Larceny	66	78	65	37	42
Auto Theft	3	6	4	0	8
Fraud	25	28	32	28	17
Fraud Bad Checks	13	12	10	8	2
ID Theft*	33	23	32	35	52
Damage Property	33	23	23	43	19
Concealed Weapons	14	9	13	11	15
TOTAL GROUP A	318	294	281	228	198
Liquor Violations	55	51	27	19	15
Obstructing Police	17	17	25	21	21
OWI (All Types)	185	170	236	201	125
TOTAL GROUP B	512	513	491	422	243
Juvenile Complaints	90	88	51	59	55
Traffic Offenses	679	586	559	558	199
Warrants	153	118	155	70	147
Sick / Injury	865	837	836	920	819
Misc. Complaints	2405	2442	2123	1873	1552
Non Criminal Complaints	593	651	1022	1563	634
Misc. Traffic Complaints	590	942	624	505	352
TOTAL GROUP C	6924	7101	6815	6874	4755

*Not all offenses listed. These are only the major categories. **Green indicates Reduction in 2020.

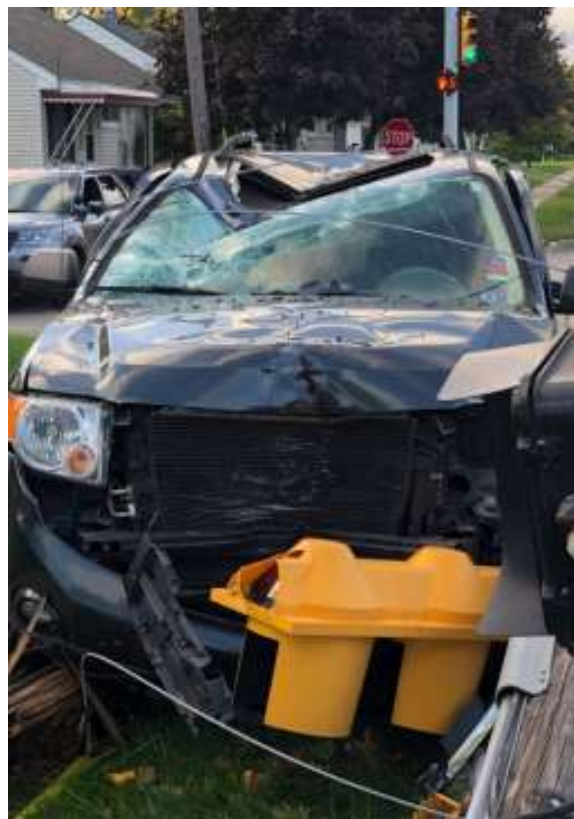
*Some ID thefts are reported for info only, and not investigated—numbers combined from local reports and actual ID theft Investigations.

2020 CRIME STATISTICS

CRASH STATISTICS

	2016	2017	2018	2019	2020
Property Damage Crash	263	283	297	266	170
Crash / Hit & Run	32	27	34	40	19
Injury Crash	19	13	16	18	14
Pedestrian Crash	7	1	1	1	3
Bicycle Crash	1	1	2	1	0
Injury Crash Hit & Run	0	1	2	1	0
Private Property Crash	47	37	24	29	19
Priv. Property Hit & Run	11	7	8	8	2
Fatal	0	0	0	0	1
TOTAL	399	374	386	366	228

**Not all categories are listed. **Green indicates Reduction in 2020.



COMMUNITY RELATIONS

2020

GOLF OUTING

Berkley Public Safety runs their Golf Outing to help sponsor Lids for Kids, Fire Open House, Berkley Hotrod, Honor Guard Unit, and the newly formed K-9 Division.

However, due to COVID-19 causing major shutdowns of events all around the world, Berkley DPS decided it was also best to postpone the event. In the past, we have been able to raise over \$20,000 to help support our other community events.

For 2021, we have set the date for July 26, 2021, at the Red Run Golf Club in Royal Oak. Be sure to sign up early and bring your best game as you take on some of the Department's finest.

Visit www.berkleypublicsafety.org/golf-outing.



LIDS 4 KIDS & FIRE OPEN HOUSE

As all events in 2020 were being cancelled, the Lids 4 Kids bicycle helmet safety event and Fire Open House were no different. Ultimately, this, in particular, was a perfect time for BDPS to build and complete an addition to the Fire Hall in order to house the New Ladder Truck.

BDPS plans to bring back the Lids 4 Kids and Fire Open House events in 2021! Both are scheduled to be held on September 25, 2021, as a combined event. Kids will be provided bicycle safety tips, fire safety tips, live demonstrations, and so much more.



HONOR GUARD

The BDPS Honor Guard serves the sole purpose to honor and pay tribute to the dedicated men and women who selflessly serve the public safety profession and the City of Berkley.

When called upon, it shall be the duty of the Honor Guard to care for families and lay to rest our brothers and sisters with the highest level of respect and honors. Additional responsibilities include presenting the Nation and State Colors during times of ceremony and sporting events in and around the area. The Honor Guard was created in 2014 and is funded by generous donations made during our fundraising activities.

At the very end of 2019, the Berkley Public Safety Honor Guard had the privilege of presenting the colors at Little Caesars Arena during the Home Town Hero's game played between the Detroit Red Wings and the Winnipeg Jets. 2020 has been trying for everyone, including the Honor Guard Unit. Our normal activities of presenting the colors at the State of the City Banquet, as well as, at the Steven Siller Tunnel to Towers Race have been cancelled due to the COVID -19 Pandemic.

We hope in 2021, we will be able to get back out and honor our fallen heroes and the City that supports us!



AUCTIONS

BDPS frequently holds vehicle auctions with our partner A&M Towing in Royal Oak. These vehicles are usually unclaimed after an accident, failed to be registered, or where someone is under arrest and does not send a representative to retrieve the vehicle. Berkley PSO Greg Betts has been running our Auction program for over 10 years.

In 2020, we only held one public auction which included 20 vehicles. None of the proceeds went to Berkley DPS, as they were used to pay towing / storage fees. From time to time, BDPS does receive funds from sales, but not this year. We also turned over found/stolen property for auction.

In 2020, we were able to receive several thousand in auction funds from the sale of old Department vehicles, jewelry, bicycles, and other property when no owner can be found. These funds are returned to the City within the General Budget. Berkley DPS has been using "Mid Thumb Auctions" for the processing of these items.

AWARDS & CITATIONS

2020

AWARDS & CITATIONS

Below is a list of Public Safety Employees who received awards for actions taken in 2020, as well as, actions that occurred prior to and awarded in 2020.

LIFE-SAVING AWARD

Officers directly responsible for the saving of human life.



- Sgt. Scott Smith
- PSO Robert Kwiecinski
- PSO Michael Bunting
- Dispatcher Mark Kempski
- PSO Marc Robinson
- PSO Justin Childrey
- Lt. Jordan Kobernick
- PSO Jon Roberts
- PSO Greg Betts
- PSO Brian Smith
- PSO Brian Anderson
- PSO Andrew Boring

DISTINGUISHED SERVICE AWARD

The performance of a public safety service requiring exceptional thoroughness, determination, and initiative in the performance of a difficult task. The service need not involve exposure to physical danger, but because of the exemplary nature of the act, a life is saved, a serious crime is prevented, or a person who has committed a serious crime is apprehended.



- Lt. Andrew Hadfield
- Lt. Jordan Kobernick
- Sgt. Nathan Papke
- PSO Marc Robinson

UNIT CITATION AWARD

Awarded in recognition of outstanding Public Safety services by any departmental unit.



- Lt. Andrew Hadfield (x2)
- PSO Brian Gothard
- PSO Brian Smith
- PSO Dan Schewe
- Sgt. David Arney
- Sgt. Jeff Onesko
- ACO Kevin Palmer
- Sgt. Nathan Papke

CIVILIAN CITATION AWARD

Awarded to a civilian member of the Department for the prevention or solution of a serious crime, the apprehension of a dangerous criminal, or other meritorious action such as lifesaving or assistance to an officer with disregard for the recipient's personal safety.



- Dispatcher Lisa Foreman

BUDGET

2020

2020 BUDGET

The City of Berkley's Fiscal Budget runs from July 1 to June 30.

During 2020, Berkley DPS worked on several capital improvement projects, including the purchase of a new Fire Ladder known as Ladder 4, which was delivered in the Spring, reconstruction of the Dispatch Center, and renovations to the Fire Hall.

The Public Safety budget includes:

- Salary / Benefits for over 40 employees
- Dispatch Renovations (began in fall of 2019) - \$150,000
- Purchase of a new Animal Control Vehicle—\$53,000 (with equipment)
- Two new marked patrol units and one unmarked unit \$138,000 in 2019 and two units for \$83,000 in 2020

The total budget for 2019/20 was \$3.8 million, and \$3.6 million for the 2020/21 budget. The latest budgets are less than the previous 2016, 2017, 2018 budgets which all totaled over \$4.1 million in expenses each year.

The Director and his executive staff work tirelessly to find ways and make do with current facility and equipment while also strategizing for fiscally smarter upgrades, repairs, and replacements as needed. Several months are spent working on a two-year budget along with the Department's CERP and CIP five-year plans to make sure the City is ready for the future.

Berkley DPS is looking forward to 2021 where we will implement the new K-9 Officer program, make lobby entrance repairs to be ADA compliant, and fully staffing our Dispatcher Center with two new hires in the coming months.

This information and more on the budget can be found at www.berkleymich.org/finance.



PHOTOS

2020







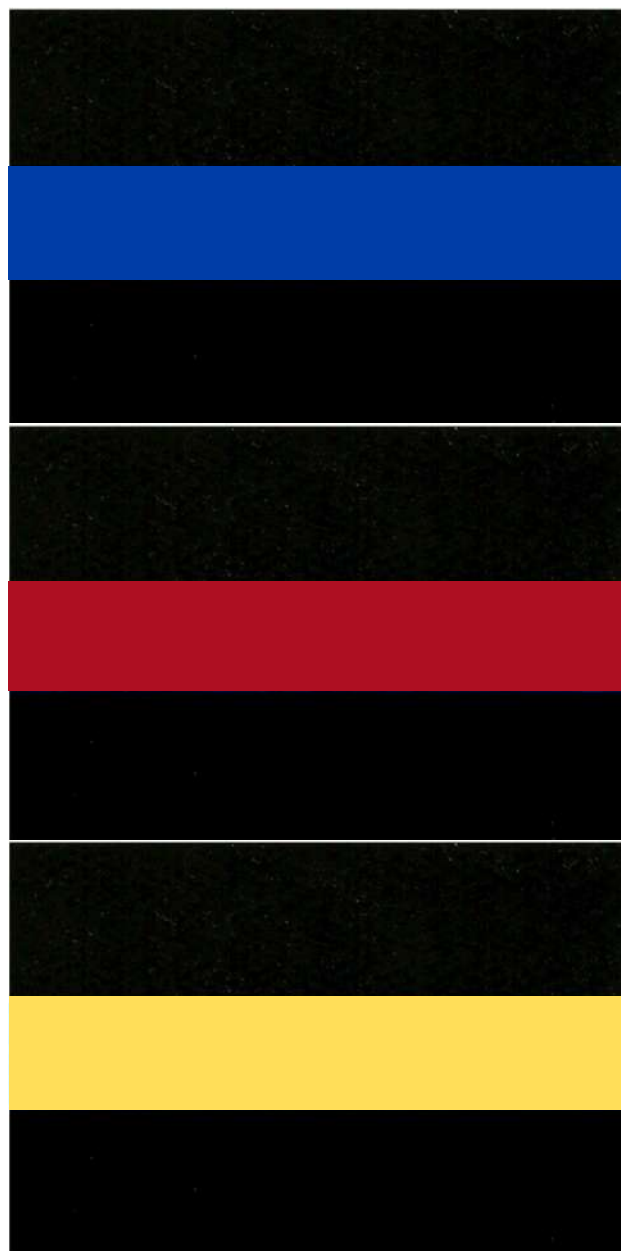


TO SERVE AND PROTECT

The Thin Blue Line represents Law Enforcement professionals for their courage and sacrifice in protecting the American people.

The Thin Red Line represents Fire Service professionals for their courage and sacrifice in protecting the American people.

The Thin Gold Line honors the Dispatch and Public Safety Telecommunicator professionals for their service to the American people.



CLOSING

The Berkley Public Safety Department would like to thank the numerous officers and staff who have helped create and assemble the 2020 Annual Report. We thank the staff and administration at City Hall, Public Works, the Library, and Parks and Recreation for working together with us for the Berkley community.

We would also like to thank the City Council for their continued support of Public Safety. Most importantly, we would like to thank the businesses and residents of Berkley for their appreciation and partnership as their Public Safety Department.

It is our honor to be here when you need us.

Sincerely,

Director Matt Koehn
Executive Staff Lt. Hadfield, Lt. Miller & Lt. Kobernick
All Berkley Public Safety Officers and Civilians



June 21, 2021 City Council Meeting

Moved by Councilmember _____ and seconded by Councilmember _____ to approve the purchase of the remainder of the P25 Radio System Equipment from ComSource, Inc., 41271 Concept Dr., Plymouth, MI 48170 at a price not to exceed \$50,033.15 from the "Radio Equipment" Account 101-310-984-000. This purchase will be made from the State of Michigan's Extended Purchasing Program (MiDEAL) Contract 190000001544.

Ayes:

Nays:



City of Berkley
Department of Public Safety



INTEROFFICE CORRESPONDENCE

DATE: June 14, 2021

TO: Matthew Baumgarten, City Manager

FROM: Matt Koehn, Director of Public Safety *mk*

SUBJECT: REQUEST TO PURCHASE MICHIGAN PUBLIC SAFETY COMMUNICATIONS SYSTEM (MPSCS) COMBATABLE PROJECT 25 (P25) RADIOS AND ACCESSORIES

As you are aware, OpenSky, the current radio system that is used by the Berkley Department of Public Safety, and the rest of Oakland County police/fire/public safety departments (with the exception of Southfield Police and Fire) was implemented in 2010. The current system is a standalone Oakland County system with very limited interoperability with the remainder of the State. There are frequent issues with this system and BDPS frequently has issues with coverage and penetration, especially in buildings. This coverage is particularly poor in larger buildings, such as schools. We are also struggling to obtain replacement parts and radios and have been making such purchases on eBay.

After extensive research, Oakland County has decided to migrate to a Michigan Public Safety Communications System (MPSCS) compatible Project 25 (P25) radio system. P25 is a standards development process for the design, manufacture, and evaluation of interoperable digital two-way land mobile radio systems communications products created by and for public safety professionals. This system will be owned and operated by Oakland County, with seamless interoperability with most other departments in the State. Because I am a member of both the Courts and Law Enforcement Management Information System (CLEMIS) Radio Oversight Committee and the Radio Policy Committee, I have been very involved in the project. The projected "live" date for this new system is projected for July, 2022.

Oakland County will be providing BDPS with approximately \$600,000 in radios, remote speaker microphones, consoles, batteries, accessories, installation, programming, and MPSCS "Onboarding" fees. The City of Berkley is responsible for the required additional radios, remote speaker microphones, batteries,

accessories, installation, programing, and MPSCS "Onboarding" fees that are not being provided.

In FY 20/21 the Department purchased some radios and accessories for the P25 system. BDPS has budgeted \$75,000 in FY 21/22 in the Radio Equipment (101-310-984-000) account to purchase the remainder of the needed radios and equipment.

The Department of Public Safety requests approval to purchase the following radios/equipment:

- 2 Motorola APX6000XE Public Safety Portable Radios
- 2 XE Remote Speaker Microphones
- 2 Single Unit Impress 2 Battery Chargers
- 1 APX6500 "Dual Control Head" Mobile Radio with installation
- 2 APX6500-03 Handheld Control Head Mobile Radios with installation
- 1 APX6500 Desk Top Control Station with installation
- 3 MCD 5000 Desksets with installation
- 5 APX Travel Chargers
- 50 Ear Receivers (to be used with remote speaker mic.)
- 2 Permanent Mount Vehicular Battery Chargers with Installation

The total cost of this initial purchase is \$50,033.15 (see attached quote for specifics).

Unlike our current radios, the APX6000XE portable radios, XE remote speaker microphones, and all batteries are intrinsically safe (for operation in hazardous areas by limiting the energy, electrical and thermal, available for ignition in areas with dangerous concentrations of flammable gases or dust).

MPSCS "Onboarding" fees will be purchased for all BDPS owner radios later in FY 21/22.

This purchase will be made from the State of Michigan's Extended Purchasing Program (MiDEAL) Contract #190000001544. All warranties do not start until Oakland County has accepted the P25 radio system and it is live.

The Department of Public Safety requests approval to purchase the above necessary radios, remote speaker microphones, battery chargers, and installation from ComSource, Inc., 41271 Concept Dr., Plymouth, MI 48170 at a price not to exceed \$50,033.15 from the "Radio Equipment" Account #101-310-984-000.

Please free to contact me with any questions.



MOTOROLA

Date: June 13, 2021
Prepared For: Director Matt Koehn
Entity: Berkley Department of Public Safety
2395 12 Mile Road
Berkley, MI 48072
Phone: 248-658-3389 mkoehn@berkleypublicsafety.net

Prepared BY: ED HORVATH
313-218-3450 Cell
edhorvath@comsourcemi.com

Equipment Details and Pricing

Item	Qty	Model	Description	MSRP	MiDeal Disc. %	Unit Price	Total Price
APX6000XE PORTABLE RADIO							
1	2	H98UCF9PW6BN	APX6000 700/800 MODEL 2.5 PORTABLE-ENHANCED	\$ 3,026.00	30%	\$ 2,118.20	\$ 4,236.40
1A	2	Q806	ADD: ASTRO DIGITAL CAI OPERATION	\$ 515.00	30%	\$ 360.50	\$ 721.00
1B	2	H38	ADD: SMARTZONE OPERATION	\$ 1,200.00	30%	\$ 840.00	\$ 1,680.00
1C	2	Q361	ADD: P25 9600 BAUD TRUNKING	\$ 300.00	30%	\$ 210.00	\$ 420.00
1D	2	QA00580	ADD: TDMA OPERATION	\$ 450.00	30%	\$ 315.00	\$ 630.00
1E	2	QA01771	ENH: ENHANCEMENT LEVEL 2	\$ 200.00	30%	\$ 140.00	\$ 280.00
1F	2	QA09006	ADD: ADAPTIVE NOISE SUPPRESSION	\$ 150.00	30%	\$ 105.00	\$ 210.00
1G	2	QA02006	ENH: APX6000XE RUGGED RADIO	\$ 800.00	30%	\$ 560.00	\$ 1,120.00
1H	2	H122	ALT: 1/4- WAVE 7/800 GPS STUBBY (NAR6595A	\$ 24.00	0%	\$ 16.80	\$ 33.60
1I	2	Q887	ADD: 5Y ESSENTIAL SERVICE	\$ 216.00	30%	\$ 151.20	\$ 302.40
1J	2	H799	ADD: TEST RESULTS / RATED AUDIO PRINTOUT	\$ 10.00	30%	\$ 7.00	\$ 14.00
1K	2	Q498	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$ 740.00	30%	\$ 518.00	\$ 1,036.00
1L	2	QA09001	ADD: WIFI CAPABILITY	\$ 300.00	30%	\$ 210.00	\$ 420.00
1M	2	QA09007	ADD: OUT OF THE BOX WIFI PROVISIONING	\$ -	30%	\$ -	\$ -
1N	2	QA01648AA	ADD: HW KEY SUPPLEMENTAL DATA	\$ 5.00	35%	\$ 3.25	\$ 6.50
1O	2	HKVN4821A	Device Management 3 Year Subscription	\$ 96.00	30%	\$ 67.20	\$ 134.40
1P	2	Q629	ADD: AES ENCRYPTION	\$ 475.00	30%	\$ 332.50	\$ 665.00
1Q	2	QA01427	IMPACT HOUSING GREEN	\$ 25.00	30%	\$ 17.50	\$ 35.00
APX6000XE PORTABLE RADIO SUB TOTAL				\$ 8,532.00		\$ 6,032.40	\$12,064.80
APX6000 XE ACCESSORIES							
2	5	RLN6434A	APX TRAVEL CHARGER	\$ 110.00	25%	\$ 82.25	\$ 411.25
3	50	WADN4190B	Ear Receiver to be used with the Remote Speaker Mic.	\$ 44.50	25%	\$ 33.38	\$ 1,669.00
4	2	NNTN7624C	VEHICULAR CHARGER PERMANENT MOUNT	\$ 472.00	25%	\$ 354.00	\$ 708.00
APX6000 PORTABLE ACCESSORIES SUB TOTAL							\$2,788.25
APX6500-DUAL CONTROL HEAD MOBILE RADIO							
5	1	M25URS9PW1BN	APX 6500 700/800 MHZ-ENHANCED	\$ 2,738.00	30%	\$ 1,916.60	\$ 1,916.60
5A	1	G806	ENH: ASTRO DIGITAL CAI OP APX	\$ 515.00	30%	\$ 360.50	\$ 360.50
5B	1	G51	ENH: SMARTZONE OPERATION APX6500	\$ 1,200.00	30%	\$ 840.00	\$ 840.00
5C	1	G361	ENH: P25 TRUNKING SOFTWARE APX	\$ 300.00	30%	\$ 210.00	\$ 210.00
5D	1	GA00580	ADD: TDMA OPERATION APX	\$ 450.00	30%	\$ 315.00	\$ 315.00
5E	1	GA01771	ENH: ENHANCEMENT LEVEL 2	\$ 200.00	30%	\$ 140.00	\$ 140.00
5F	1	GA01670	ADD: E5 CONTROL HEAD	\$ 572.00	30%	\$ 400.40	\$ 400.40
5G	1	W116	ADD: EXTERNAL ALARM RELAY AND CABLE	\$ 75.00	30%	\$ 52.50	\$ 52.50
5H	1	G444	ADD: APX CONTROL HEAD SOFTWARE	\$ -	30%	\$ -	\$ -
5I	1	G67	ADD: REMOTE MOUNT APXM	\$ 297.00	30%	\$ 207.90	\$ 207.90
5J	1	G335	ADD: ANT 1/4 WAVE 762-870 MHZ	\$ 14.00	30%	\$ 9.80	\$ 9.80
5K	2	W22	ADD: STD PALM MICROPHONE APEX (INCLUDES 2)	\$ 72.00	30%	\$ 50.40	\$ 100.80
5L	2	W432	ADD: AUXILIARY SPKR 13W (INCLUDES 2)	\$ 71.50	30%	\$ 50.05	\$ 100.10
5M	1	GA00092	ADD: APXM DUAL CH	\$ 570.00	30%	\$ 399.00	\$ 399.00
5N	1	G610	ADD: REMOTE MOUNT CBL 30 FEET	\$ 25.00	30%	\$ 17.50	\$ 17.50
5O	1	GA00270	ADD: GPS ANTENNA GLASS MT	\$ 33.00	30%	\$ 23.10	\$ 23.10
5P	1	GA01576	ADD: SMA TO QMA ADAPTER	\$ -	0%	\$ -	\$ -
5Q	1	GA00318	ADD: 5Y ESSENTIAL SERVICE	\$ 335.00	0%	\$ 335.00	\$ 335.00
5R	1	G799	ADD: PRINTED TEST RESULTS APX	\$ 10.00	30%	\$ 7.00	\$ 7.00
5S	1	GA01579AB	ADD: COVERT WIFI GLASSMOUNT	\$ 70.00	30%	\$ 49.00	\$ 49.00
5T	1	GA09001	ADD: WI-FI CAPABILITY	\$ 300.00	30%	\$ 210.00	\$ 210.00
5U	1	GA09007	ADD: OUT OF THE BOX WI-FI PROVISIONING	\$ -	30%	\$ -	\$ -
5V	1	QA01648AA	ADD: HW KEY SUPPLEMENTAL DATA	\$ 30.00	30%	\$ 21.00	\$ 21.00
5W	1	HKVN4821A	Device Management 3 Year Subscription	\$ 96.00	35%	\$ 62.40	\$ 62.40
5X	1	G851	ADD: AES/DES-XL/DES-OFB ENCRYPTION	\$ 799.00	30%	\$ 559.30	\$ 559.30
5Y	1	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$ 740.00	30%	\$ 518.00	\$ 518.00
APX6500 DCH MOBILE RADIO SUB TOTAL				\$ 9,512.50		\$ 6,736.95	\$ 6,838.30
APX6500-03 HANDHELD CONTROL HEAD MOBILE RADIO							
6	2	M25URS9PW1BN	APX 6500 700/800 MHZ-ENHANCED	\$ 2,738.00	30%	\$ 1,916.60	\$ 3,833.20
6A	2	G806	ENH: ASTRO DIGITAL CAI OP APX	\$ 515.00	30%	\$ 360.50	\$ 721.00
6B	2	G51	ENH: SMARTZONE OPERATION APX6500	\$ 1,200.00	30%	\$ 840.00	\$ 1,680.00
6C	2	G361	ENH: P25 TRUNKING SOFTWARE APX	\$ 300.00	30%	\$ 210.00	\$ 420.00
6D	2	GA00580	ADD: TDMA OPERATION APX	\$ 450.00	30%	\$ 315.00	\$ 630.00
6E	2	GA01771	ENH: ENHANCEMENT LEVEL 2	\$ 200.00	30%	\$ 140.00	\$ 280.00

6F	2	G72	ADD: O3 CONTROL HEAD	\$ 946.00	30%	\$ 662.20	\$ 1,325.00
6G	2	W116	ADD: EXTERNAL ALARM RELAY AND CABLE	\$ 75.00	30%	\$ 52.50	\$ 105.00
6H	2	G444	ADD: APX CONTROL HEAD SOFTWARE	\$ -	30%	\$ -	\$ -
6I	2	G67	ADD: REMOTE MOUNT APXM	\$ 297.00	30%	\$ 207.90	\$ 415.80
6J	2	G335	ADD: ANT 1/4 WAVE 782-870 MHZ	\$ 14.00	30%	\$ 9.80	\$ 19.60
6K	2	W432	ADD: AUXILIARY SPKR 13W (3.2OHM)	\$ 71.50	30%	\$ 50.05	\$ 101.00
6L	2	GA00270	ADD: GPS ANTENNA GLASS MT	\$ 33.00	30%	\$ 23.10	\$ 46.20
6M	2	GA01576	ADD: SMA TO QMA ADAPTER	\$ -	0%	\$ -	\$ -
6N	2	GA00318	ADD: 5Y ESSENTIAL SERVICE	\$ 335.00	0%	\$ 335.00	\$ 670.00
6O	2	G799	ADD: PRINTED TEST RESULTS APX	\$ 10.00	30%	\$ 7.00	\$ 14.00
6P	2	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$ 740.00	30%	\$ 518.00	\$ 1,036.00
6Q	2	G851	ADD: AES/DES-XL/DES-OFB ENCRYPTION	\$ 799.00	30%	\$ 559.30	\$ 1,118.60
6R	2	GA01579AB	ADD: COVERT WIFI GLASSMOUNT	\$ 70.00	30%	\$ 49.00	\$ 98.00
6S	2	GA09001	ADD: WI-FI CAPABILITY	\$ 300.00	30%	\$ 210.00	\$ 420.00
6T	2	GA09007	ADD: OUT OF THE BOX WI-FI PROVISIONING	\$ -	0%	\$ -	\$ -
6U	2	HKVN4821A	Device Management 3 Year Subscription	\$ 96.00	35%	\$ 62.40	\$ 124.80
6V	2	QA01648AA	ADD: HW KEY SUPPLEMENTAL DATA	\$ 30.00	30%	\$ 3.50	\$ 7.00

APX6500-03 MOBILE RADIO SUB TOTAL \$ 9,219.50 \$ 6,531.85 \$13,065.20

APX6500 DESK TOP CONTROL STATION							
7	1	M25URS9PW1BN	APX 6500 700/800 MHZ-ENHANCED	\$ 2,738.00	30%	\$ 1,916.60	\$ 1,916.60
7A	1	G806	ENH: ASTRO DIGITAL CAI OP APX	\$ 515.00	30%	\$ 360.50	\$ 360.50
7B	1	G51	ENH: SMARTZONE OPERATION APX6500	\$ 1,200.00	30%	\$ 840.00	\$ 840.00
7C	1	G381	ENH: P25 TRUNKING SOFTWARE APX	\$ 300.00	30%	\$ 210.00	\$ 210.00
7D	1	GA00580	ADD: TDMA OPERATION APX	\$ 450.00	30%	\$ 315.00	\$ 315.00
7E	1	GA01771	ENH: ENHANCEMENT LEVEL 2	\$ 200.00	30%	\$ 140.00	\$ 140.00
7F	1	GA01670	ADD: E5 CONTROL HEAD	\$ 572.00	30%	\$ 400.40	\$ 400.40
7G	1	G444	ADD: APX CONTROL HEAD SOFTWARE	\$ -	30%	\$ -	\$ -
7H	1	G66	ADD: DASH MOUNT APXM	\$ 125.00	30%	\$ 87.50	\$ 87.50
7I	1	W382	ADD: CONTROL STATION DESK GCAI MIC	\$ 169.00	30%	\$ 118.30	\$ 118.30
7J	1	G142	ADD: NO SPEAKER NEEDED	\$ -	30%	\$ -	\$ -
7K	1	G91	ADD: CONTROL STATION POWER SUPPLY	\$ 269.00	30%	\$ 188.30	\$ 188.30
7L	1	G298	ENH: ASTRO 25 OTAR W/ MULTIKEY	\$ 740.00	30%	\$ 518.00	\$ 518.00
7M	1	G851	ADD: AES/DES-XL/DES-OFB ENCRYPTION	\$ 799.00	30%	\$ 559.30	\$ 559.30
7N	1	W665	ADD: CONTROL STATION OPERATION	\$ 70.00	30%	\$ 49.00	\$ 49.00
7O	1	GA00270	ADD: GPS ANTENNA GLASS MT	\$ 33.00	30%	\$ 23.10	\$ 23.10
7P	1	GA09001	ADD: WI-FI CAPABILITY	\$ 300.00	30%	\$ 210.00	\$ 210.00
7Q	1	GA09007	ADD: OUT OF THE BOX WI-FI PROVISIONING	\$ -	0%	\$ -	\$ -
7R	1	GA00318	ADD: 5Y ESSENTIAL SERVICE	\$ 335.00	0%	\$ 335.00	\$ 335.00
7S	1	G799	ADD: PRINTED TEST RESULTS APX	\$ 10.00	30%	\$ 7.00	\$ 7.00
7T	1	QA01648AA	ADD: HW KEY SUPPLEMENTAL DATA	\$ 5.00	30%	\$ 3.50	\$ 3.50
7U	1	GA00179	ADD: NO REMOTE CABLE NEEDED	\$ -	30%	\$ -	\$ -
7V	1	HLN6042	MOBILE DESK TRAY	\$ 77.00	25%	\$ 57.75	\$ 57.75
7W	1	DSMBFW7463	WIDEBAND FIBERGLASS OMNI ANTENNA 746-869	\$ 348.00	15%	\$ 295.80	\$ 295.80

APX6500 CONTROL STATION SUB TOTAL \$ 9,255.00 \$ 6,635.05 \$6,635.05

APX6500 CONTROL STATION DESK SETS							
8	3	F2380A	MCD 5000 DESKSET	\$ 1,500.00	25%	\$ 1,125.00	\$ 3,375.00
9	1	F7879B	SM, RADIO GATEWAY UNIT (RGU). 1 PER RADIO	\$ 1,500.00	25%	\$ 1,125.00	\$ 1,125.00
10	1	FKN8895AS	ETHERNET CABLE 10'. 1 FOR EACH RGU	\$ 47.00	25%	\$ 35.25	\$ 35.25
11	4	FHN7469A	DESKSET / RGU POWER SUPPLY. 1 FOR EACH DEVIC	\$ 106.20	25%	\$ 79.70	\$ 318.80
12	1	FVN5847A	MCD 5000 DESKSET SYSTEM CONFIG TOOL	\$ 250.00	25%	\$ 187.50	\$ 187.50

DESK SET SUB TOTAL \$5,041.55

INSTALLATION SERVICES							
13	1	LSV00Q00203A	DEVICE INSTALLATION CONTROL STATION	\$ 280.00	0%	\$ 280.00	\$ 280.00
14	3	LSV00Q00203A	DEVICE INSTALLATION MCD DEVICES. 1 FOR EACH	\$ 280.00	0%	\$ 280.00	\$ 840.00
15	2	LSV00Q00203A	DEVICE INSTALLATION VEHICLE CHARGER PERMANE	\$ 280.00	0%	\$ 280.00	\$ 560.00
16	1	LSV00Q00203A	DEVICE INSTALLATION "DUAL HEAD MOUNT"	\$ 600.00	0%	\$ 600.00	\$ 600.00
17	2	LSV00Q00203A	DEVICE INSTALLATION "REMOTE & O3 MOUNT"	\$ 435.00	0%	\$ 435.00	\$ 870.00
18	6	LSV00Q00202A	DEVICE PROGRAMMING "ANY MODEL OF RADIO"	\$ 75.00	0%	\$ 75.00	\$ 450.00

INSTALLATION SUB TOTAL \$3,600.00

SYSTEM GRAND TOTAL \$50,033.15

NOTES: CUSTOMER IS RESPONSIBLE FOR PAYING ANY APPLICABLE USER FEES TO OAKLAND COUNTY MPSCS \$1,500.00 AND/OR MPSCS.

1. Quotes are exclusive of installation and programming charges unless expressly stated herein.
2. Prices quoted are exclusive of all applicable Federal Excise Taxes, State Sales and Use Taxes.
3. Prices are valid FOR 90 DAYS.
4. Standard Equipment Warranty Applies Unless Otherwise Specified
5. Standard Terms are: Net 30 Days from shipment
6. Shipment is approximately 2-4 weeks from receipt of order.
7. Prices are based on State of Michigan Contract # 190000001544

8. The purchase order will need to provide payment terms (Net 30), shipping address

APX™ 6000XE SINGLE-BAND PORTABLE RADIO



From day one, the APX 6000XE P25 two-way portable radio has met agencies' most demanding performance expectations. It delivers trusted performance in a single-band solution without compromising on the extreme form factor or features that are required for routine activities and emergencies. Now, as the ever increasing needs of public safety personnel grow, we are evolving the APX 6000XE to support new technologies like Wi-Fi®, Adaptive Audio Engine, and Bluetooth® 4.0 wireless technology.

VOICE AND DATA, ALL AT ONCE

Update your radio fleet without interrupting voice communications with secure Wi-Fi. This dramatically improves the speed of configuring new codeplugs, firmware and software features over-the-air via Radio Management*. Agencies can pre-provision up to 20 secure Wi-Fi hotspots so personnel can easily access updates at the facility or in the field.

HEAR AND BE HEARD

The APX 6000XE is equipped with a 3-watt speaker, 3 integrated microphones and Adaptive Audio Engine. This changes the level of noise suppression, microphone gain, windproofing and speaker equalization to produce clear and loud audio in any environment.

EMERGENCY FIND ME

Bluetooth 4.0 places a wide range of wireless accessories at your disposal and provides personnel with an added level of security by improving response time in emergencies. With Emergency Find Me, a Bluetooth-enabled beacon signal guides other Bluetooth-enabled APX radios within range to assist the user in distress.

CLEAR IN-MASK COMMUNICATIONS

With Bluetooth 4.0 standard on all APX XE radios, we are able to partner with SCBA industry leaders to provide in-mask communications so you can clearly hear and be heard. Collaborations with both MSA and Scott Safety allow us to deliver intelligible voice and data communications.



SEAMLESS ON-SCENE COMMUNICATION

Ensure fast and seamless communication and collaboration across all responders arriving on a scene. Mission Critical Geofence automatically changes a radio's active talkgroup based on its GPS location and an agency-defined virtual barrier. For example, an incident commander can create a geofence around the 3-block radius of a burning building so that all arriving military personnel are automatically placed in the same talkgroup.

IMPROVE SAFETY WITH REAL-TIME DATA

APX Personnel Accountability Application allows incident command personnel to quickly and accurately account for first responders with APX radios roll call and an interactive GUI. This real-time information allows you to maintain control of a chaotic fireground.





SPECIFICATIONS

RF BANDS

- 700/800 MHz, VHF, UHF Range 1 & UHF Range 2
- 9600 Baud Digital APCO P25 Phase 1 FDMA and Phase 2 TDMA Trunking
- 3600 Baud SmartNet®, SmartZone®, SmartZone, Omnilink Trunking
- Digital APCO 25, Conventional, Analog MDC 1200, Quick Call II System Configurations Narrow and Wide Bandwidth Digital Receiver (6.25 kHz Equivalent/25/20/12.5 KHz)

STANDARD FEATURES

- Mission Critical Wireless Bluetooth 4.0 (LE)¹
- Emergency Find Me¹
- IP68 (2m/4hr), Mil Std 512.X Delta - T
- Listed by UL to the standards ANSI/TIA 4950-A and CAN/CSA C22.2 NO. 157-92 Classification Rating: Class I, Division 1, Groups C, D; Class II, Division 1, Group E, F, G; Class III, Hazardous (Classified) Locations. ANSI/ISA 12.12.01-2015 and CAN/CSA C22.2 No. 213-15; Class I, Division 2, Groups A, B, C, D; T3C. Tamb = -25 °C to +60 °C. When used with Motorola Battery: NNTN8921A NNTN8930A (Standard on XE) 7.4V
- ASTRO 25 Integrated Voice & Data
- Integrated GPS/GLONASS for Outdoor Location Tracking
- Voice Announcements
- ISSI 8000 Roaming
- Radio Profiles
- Dynamic Zone
- Intelligent Lighting
- Single-Key ADP Encryption
- IMPRES 2 Battery (NNTN8930)
- Text Message
- Software Key

PROGRAMMING

- Utilizes Windows 7 & 8 Customer Programming Software (CPS) with Radio Management²

ADAPTIVE AUDIO ENGINE (OPTIONAL)

- 3 Watt Speaker with Adaptive Equalization
- Adaptive Dual-Sided Operation
- Adaptive Noise Suppression Intensity
- Adaptive Gain Control
- Adaptive Windporting

OPTIONAL FEATURES

- Wi-Fi 802.11 b/g/n
- RFID Volume Knob
- Multi-key for 128 keys and Multi-Algorithm
- Programming Over Project 25 (OTAP)
- Over the Air Rekey (OTAR)
- Digital Tone Signaling
- LEX L10 Collaboration
- P25 Authentication
- Man Down Sensor
- High Impact Green and Public Safety Yellow Colored Housing Options

¹ Per the FCC Narrowbanding rules, new products (APX6000 UHF1, UHF2) submitted for FCC certification after January 1, 2011 are restricted from being granted certification at 25 kHz for United States - State & Local Markets only.

² CPS version R12.00.00 and greater ordered after June 2014 will only support Windows 7 and 8

TRANSMITTER - TYPICAL PERFORMANCE SPECIFICATIONS

		700/800	VHF	UHF Range 1	UHF Range 2
Frequency Range/Bandsplits	700 MHz 800 MHz	763-776, 793-806 MHz 806-824, 851-870 MHz	136-174 MHz	380-470 MHz	450-520 MHz
Channel Spacing		25/20/12.5 kHz	25/20/12.5 kHz	25/20/12.5 kHz	25/20/12.5 kHz
Maximum Frequency Separation		Full Bandsplit	Full Bandsplit	Full Bandsplit	Full Bandsplit
Rated RF Output Power Adj ¹		1-3 W Max	1-6 W Max	1-5 W Max	1-5 W
Frequency Stability ¹ (-30 °C to +60 °C; +25 °C Ref.)		±0.00010 %	±0.00010 %	±0.00010 %	±0.00010 %
Modulation Limiting ¹		±5 kHz / ±4 kHz / ±2.5 kHz	±5 kHz / ±4 kHz / ±2.5 kHz	±5 kHz / ±4 kHz / ±2.5 kHz	±5 kHz / ±4 kHz / ±2.5 kHz
Emissions (Conducted and Radiated) ¹		-75 dB	-75 dB	-75 dB	-75 dB
Audio Response ¹		+1, -3 dB	+1, -3 dB	+1, -3 dB	+1, -3 dB
FM Hum & Noise	25K 12.5k	-52 dB -47 dB	-55 dB -50 dB	-52 dB -47 dB	-52 dB -46 dB
Audio Distortion ¹	700 MHz 800 MHz	1.00 %	1.00 %	1.00 %	1.00 %

¹ Measured in the analog mode per TIA / EIA 603 under nominal conditions

BATTERIES FOR APX 6000XE

Battery Capacity / Type	Dimensions (HxWxD)	Weight	Battery Part Number	Battery Capacity
Li-Ion IMPRES 2 3400mAh	3.4" x 2.3" x 1.7"	6.5 oz	PMNN4486	3400 mAh
Li-Ion IMPRES 2 4850mAh	5" x 2.3" x 1.7"	11.0 oz	PMNN4487	4850 mAh
Li-Ion IMPRES 2 5100mAh	5" x 2.3" x 1.7"	11.0 oz	PMNN4494	5100 mAh
Li-Ion IMPRES 2 2650 mAh ¹	3.4" x 2.3" x 1.7"	5.7 oz	NNTN8930	2650 mAh
Li-Ion IMPRES 2 4500mAh	5" x 2.3" x 1.7"	11.0 oz	NNTN8921	4500 mAh

¹ The standard shipping battery for the APX 6000XE

RADIO MODELS

MODEL 1.5



MODEL 2.5



MODEL 3.5



Display	Full bitmap monochromatic LCD top display 1 line text x 8 characters 1 line of icons No menu support Multi-color backlight	Top display plus: Full bitmap color LCD display 4 lines of text x 14 characters 2 lines of icons 1 menu line x 3 menus White backlight	Top display plus: Full bitmap color LCD display 4 lines of text x 14 characters 2 lines of icons 1 menu line x 3 menus White backlight
Keypad	none	Backlit keypad 3 soft keys 4 direction Navigation key Home and Data buttons	Backlit keypad 3 soft keys 4 direction Navigation key 4x3 keypad Home and Data buttons
Channel Capacity ¹	96	1000	1000
FLASHport Memory	64 MB	64 MB	64 MB
700/800 MHz (763-870 MHz)	H98UCD9PW5BN	H98UCF9PW6BN	H98UCH9PW7BN
VHF (136-174 MHz)	H98KGD9PW5BN	H98KGF9PW6BN	H98KGH9PW7BN
UHF Range 1 (380-470 MHz)	H98QDD9PW5BN	H98QDF9PW6BN	H98QDH9PW7BN
UHF Range 2 (450-520 MHz)	H98SDD9PW5BN	H98SDF9PW6BN	H98SDH9PW7BN
Buttons & Switches	Large PTT button ■ Angled On/Off volume control ■ Orange emergency button ■ 16 position top-mounted rotary switch ■ 2-position concentric switch ■ Multi-color backlight ■ 3-position toggle switch ■ 3 programmable side buttons		

Regulatory Information

	FCC ID	Industry Canada
700/800 (764-869 MHz)	AZ489FT7086	109U-89FT7086
VHF (136-174 MHz)	AZ489FT7087	109U-89FT7087
UHF Range 1 (380-470 MHz)	AZ489FT7077	109U-89FT7077
UHF Range 2 (420-520 MHz)	AZ489FT7085	109U-89FT7085

FCC Emissions Designators

FCC Emissions Designators 11K0F3E, 16K0F3E, 8K10F1D, 8K10F1E, 8K10F1W, 20K0F1E²

Power Supply

Power Supply One rechargeable Li-Ion IMPRES 2 2650 mAh Battery Standard (NNTN8930), with alternate battery options available.

¹ Enhancement package available

² Per the FCC Narrowbanding rules, new products (APX6000 UHF R1, UHF R2) submitted for FCC certification after January 1, 2011 are restricted from being granted certification at 25KHz for United States - State & Local Markets only.

RECEIVER - TYPICAL PERFORMANCE SPECIFICATIONS					
		700/800	VHF	UHF Range 1	UHF Range 2
Frequency Range/Bandsplits	700 MHz 800 MHz	763-776 MHz 851-870 MHz	136-174 MHz	380-470 MHz	450-520 MHz
Channel Spacing		25/20/12.5 kHz	25/20/12.5 kHz	25/20/12.5 kHz	25/20/12.5 kHz
Maximum Frequency Separation		Full Bandsplit	Full Bandsplit	Full Bandsplit	Full Bandsplit
Audio Output Power at Rated ¹		500 mW	500 mW	500 mW	500 mW
Analog Sensitivity ²	12 dB SINAD	0.25 µV	0.17 µV	0.224 µV	0.203 µV
Digital Sensitivity ³	1% BER (800 MHz) 5% BER	0.375 µV 0.24 µV	0.243 µV 0.15 µV	0.298 µV 0.200 µV	0.296 µV 0.204 µV
Selectivity ¹	25 kHz channel 12.5 kHz channel	-76 dB -70 dB	-78 dB -73 dB	-77 dB -67 dB	-76 dB -67 dB
Intermodulation		-80.1 dB	-80.2 dB	-80.3 dB	-80.2 dB
Spurious Rejection		-75 dB	-78 dB	-80.5 dB	-80.8 dB
FM Hum and Noise	25 kHz 12.5 kHz	-54 dB -79 dB	-54.3 dB -50.1 dB	-53.5 dB -47.5 dB	-52.5 dB -47.3 dB
Audio Distortion at Rated ¹		0.90%	0.90%	0.70%	0.70%

¹ Measured in the analog mode per TIA / EIA 803 under nominal conditions

² Measured conductively in digital mode per TIA / EIA IS 102.CAAA under nominal conditions.

³ Accuracy specs are for long-term tracking (95th percentile values >5 satellites visible at a nominal -130 dBm signal strength).

PORTABLE MILITARY STANDARDS 810 C, D, E, F & G										
	MIL-STD 810C		MIL-STD 810D		MIL-STD 810E		MIL-STD 810F		MIL-STD 810G	
	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.
Low Pressure	500.1	I	500.2	II	500.3	II	500.4	II	500.5	II
High Temperature	501.1	I, II	501.2	I/A1, II/A1	501.3	I/A1, II/A1	501.4	I/Hot, II/Basic Hot	501.5	I/A1, II/A2
Low Temperature	502.1	I	502.2	I/C3, II/C1	502.3	I/C3, II/C1	502.4	I/C3, II/C1	502.5	I/C3, II/C1
Temperature Shock	503.1	I	503.2	I/A1C3	503.3	I/A1C3	503.4	I	503.5	I/C
Solar Radiation	505.1	II	505.2	I	505.3	I	505.4	I	505.5	I/A1
Rain	506.1	I, II	506.2	I, II	506.3	I, II	506.4	I, III	506.5	I, III
Humidity	507.1	II	507.2	II	507.3	II	507.4	1 Proc	507.5	II/Aggravated
Salt Fog	509.1	I	509.2	I	509.3	I	509.4	1 Proc	509.5	1 Proc
Blowing Dust	510.1	I	510.2	I	510.3	I	510.4	I	510.5	I
Blowing Sand	1 Proc	1 Proc	510.2	II	510.3	II	510.4	II	510.5	II
Immersion	512.1	I	512.2	I	512.3	I	512.4	I	512.5	I
Vibration	514.2	VIII/F, Curve-W	514.3	I/10, II/3	514.4	I/10, II/3	514.5	I/24	514.6	I/24
Shock	516.2	I, III, V	516.3	I, V, VI	516.4	I, V, VI	516.5	I, V, VI	516.6	I, V, VI
Shock (Drop)	516.2	II	516.2	IV	516.4	IV	516.5	IV	516.6	IV



DIMENSIONS OF THE RADIOS WITHOUT BATTERY

Length	5.47 in	139 mm
Width Push-To-Talk button	2.39 in	60.7 mm
Depth Push-To-Talk button	1.40 in	35.6 mm
Width Top	2.98 in	75.7 mm
Depth Top	1.58 in	40.1 mm
Depth Bottom of Battery	1.24 in	31.5 mm
Weight of the radios without battery	10.9 oz	309 g

ENCRYPTION

Supported Encryption Algorithms	ADP, AES, DES, DES-XL, DES-OFB, DVP-XL
Encryption Algorithm Capacity	8
Encryption Keys per Radio	Module capable of storing 1024 keys. Programmable for 64 Common Key Reference (CKR) or 16 Physical Identifier (PID)
Encryption Frame Re-sync Interval	P25 CAI 300 mSec
Encryption Keying	Key Loader
Synchronization	XL — Counter Addressing OFB — Output Feedback
Vector Generator	National Institute of Standards and Technology (NIST) approved random number generator
Encryption Type	Digital
Key Storage	Tamper protected volatile or non-volatile memory
Key Erasure	Keyboard command and tamper detection
Standards	FIPS 140-2 Level 3 FIPS 197

GPS/GPS/GNSS SPECIFICATIONS

Constellations	GPS & GLONASS
Tracking Sensitivity	-164 dBm
Accuracy ¹	<5 meters (95%)
Cold Start	<60 seconds (95%)
Hot Start	<5 seconds (95%)
Mode of Operation	Autonomous (Non-Assisted)

RUGGED SPECIFICATIONS

Leakage (submersion)	MIL-STD-810 C, D, E, F and G Method 512.X Procedure I, IP68 (2 meters, 4 hours)
----------------------	---

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature ²	-30 °C to +60 °C
Storage Temperature ²	-50 °C to +85 °C
Humidity Per MIL-STD	ESD IEC 801-2 KV
Water and Dust Intrusion	IP68 (2 meters, 4 hours)

HOUSING COLOR

Black (Standard), Public Safety Yellow, and High Impact Green

¹ Measured conductively in analog mode per TIA / EIA 603 under nominal conditions

² Temperatures listed are for radio specifications. Battery storage is recommended at 25 °C, ±5 °C to ensure best performance.

EMISSION DESIGNATORS

LMR: 8K10F1D, 8K10F1E, 8K10F1W, 11K0F3E, 16K0F3E, 20K0F1E

Bluetooth: 852KF1D, 1M17F1D, 1M19F1D, 1M04F1D

WLAN (Wi-Fi): 13M7G1D, 17M0D1D, 18M1D1D

WIRELESS CONNECTIVITY AND SECURITY

Frequency Range/Bandsplits:

Bluetooth: 2402 - 2480 MHz, WLAN (Wi-Fi): 2400 - 2483.5 MHz

WLAN (Wi-Fi) 802.11 b/g/n supports WPA-2, WPA, WEP security protocols; radio can be pre-provisioned with up to 20 SSIDs¹

Mission Critical Wireless Bluetooth 2.1 uses 96 bit encryption for pairing & 128 bit encryption for voice, signaling and data. The radio BT supports up to 6 data connections and 1 audio connection

Bluetooth 4.0 Low Energy uses 128-bit AES-CCM encryption

¹ 2400 - 2483.5 MHz for EMEA region and includes guardband.
Channels 1 – 11 used for FCC/IC region.



MOTOROLA, MOTO, MOTOROLA SOLUTIONS and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners. ©2016 Motorola, Inc. All rights reserved. 08-2016



MOTOROLA SOLUTIONS

PRODUCT DATA SHEET | APX 6000XE SINGLE-BAND PORTABLE RADIO

APX™ 6500

PROJECT 25 MOBILE RADIO

We've put exceptional flexibility into an advanced mission critical mobile radio that's easy to operate and intuitive to use. The APX 6500 P25 mobile allows users to choose from 4 control heads, mid and high power models and multiple installation configurations in an easy to install design. Innovative safety features such as GPS location tracking, intelligent lighting and one-touch controls help to keep first responders safer than ever before.

Focus on the task not the technology, with the hardworking mission critical mobile that turns mission critical into mission complete.



FLEXIBLE PLATFORM

- Interchangeable control heads that best support your operational needs - 02, 03, 05, 07 and 09
- Two transceiver options - high-power and mid-power
- Dual control head support offered on the 02, 05, 07 and 09 control heads

EASY TO INSTALL AND EFFORTLESS TO USE

- Mid-power model fits into any existing XTL footprint, so you can reuse mounting holes and cables
- High-power model trunnion design lets you remove the radio without removing the cables
- 12 character RF ID label helps you track information without uninstalling your radio

CUTTING-EDGE TECHNOLOGY AND ADVANCED FEATURES

- Project 25 Phase 2 technology provides twice the voice capacity
- Integrated GPS lets you locate and track an individual or vehicle
- Advanced features like intelligent lighting, radio profiles and text messaging improve communication and coordination



APX™ 6500 SPECIFICATIONS

FEATURES AND BENEFITS:

Available in 700/800 MHz, VHF, UHF R1 and UHF R2 bands

Channels: 870*

Trunking Standards supported:

- Clear or digital encrypted Trunked Operation
- Capable of SmartZone®, SmartZone Omnilink, SmartNet®

Analog MDC-1200 and Digital APCO P25 Conventional System Configurations

Narrow and wide bandwidth digital receiver (6.25kHz/12.5kHz/20kHz/25kHz)

Embedded digital signaling (ASTRO and ASTRO 25)

Integrated Encryption Hardware

Software Key

ASTRO 25 Integrated Voice & Data

Intelligent lighting

Integrated GPS/GLONASS for outdoor location tracking

Radio profiles

Unified Call List

Meets applicable MIL-STD 810C, D, E, F and G

Ships standard IP54

Utilizes Windows XP, Vista and Windows 7 and 8 Customer Programming Software (CPS)**

▪ Supports USB Communications

▪ Built in FLASHport™ support

Re-use of most XTL™ accessories, plus new IMPRES accessories

OPTIONAL FEATURES:

Enhanced Encryption Software Options

Programming over Project 25 (POP25)

Text Messaging

Over the Air Rekeying (OTAR)

12 character RF ID asset tracking

Tactical OTAR

Siren and Light Interface Module

* Enhancement package available

** CPS version R12.00.00 and greater ordered after June 2014 will only support Windows 7 and 8

TRANSMITTER - TYPICAL PERFORMANCE SPECIFICATIONS

	700 MHz	800 MHz	VHF	UHF Range 1	UHF Range 2	
Frequency Range/Bandsplits	764-776 MHz 794-806 MHz	806-824 MHz 851-870 MHz	136-174 MHz	380-470 MHz	450-520 MHz	
Channel Spacing	25/20/12.5 kHz	25/20/12.5 kHz	25/20/12.5 kHz	25/20/12.5 kHz	25/20/12.5 kHz	
Maximum Frequency Separation	Full Bandsplit	Full Bandsplit	Full Bandsplit	Full Bandsplit	Full Bandsplit	
Rated RF Output Power Adj*	10-30 Watts	10-35 Watts	10-50 Watts or 25-110 Watts	10-40 Watts or 25-110 Watts	10-45 Watts (450-485 MHz) 10-40 Watts (485-512 MHz) 10-25 Watts (512-520 MHz)	
Frequency Stability* (-30°C to +60°C; +25°C Ref.)	±0.00015 %	±0.00015 %	±0.0002 %	±0.0002 %	±0.0002 %	
Modulation Limiting*	±5 kHz / ±2.5 kHz	±5 kHz/±4 kHz (NPSPAC) /±2.5 kHz	±5 kHz / ±2.5 kHz	±5 kHz / ±2.5 kHz	±5 kHz / ±2.5 kHz	
Modulation Fidelity (C4FM) 12.5kHz Digital Channel	±2.8 kHz	±2.8 kHz	±2.8 kHz	±2.8 kHz	±2.8 kHz	
Emissions*	Conducted+ -75/-85 dBc	Radiated+ -20/-40 dBm	Conducted -75 dBc	Radiated -20 dBm	Conducted -85 dBc	Radiated -20 dBm
Audio Response*	+1, -3 dB (EIA)	+1, -3 dB (EIA)	+1, -3 dB (EIA)	+1, -3 dB (EIA)	+1, -3 dB (EIA)	
FM Hum & Noise	25 kHz 12.5 kHz	-50 dB -48 dB	-50 dB -52 dB	-53 dB -50 dB	-53 dB -50 dB	
Audio Distortion*	2 %	2 %	2 %	2 %	2 %	

DIMENSIONS

	Inches	Millimeters
Mid Power Radio Transceiver	2 x 7 x 8.6	50.8 x 177.8 x 218.4
O5 Control Head	2 x 7 x 2.5	50.8 x 180.3 x 63.5
O2 Control Head	2.7 x 8 x 2.1	68.4 x 206 x 52.83
O7 Control Head	2 x 7 x 1.5	50.8 x 178 x 40
Mid Power Radio Transceiver and O5 Control Head—Dash Mount	2 x 7 x 9.6	50.8 x 180.3 x 243.8
Mid Power Radio Transceiver and O2 Control Head - Dash Mount	2.7 x 8 x 10.5	68.4 x 206 x 268
Mid Power Radio Transceiver and O7 Control Head - Dash Mount	2 x 7 x 10.3	50.8 x 178 x 262
Mid Power Radio Transceiver and Remote Mount	2.0 x 7 x 9.6	50.8 x 180.3 x 243.8
High Power Radio Transceiver	2.9 x 11.5 x 8.8	74 x 293 x 223
High Power Radio Transceiver with Handle	3.4 x 11.5 x 8.8	87 x 293 x 223
Mid Power Radio Transceiver and O5 Control Head Weight	6.6 lbs	3.0 kg
Mid Power Radio Transceiver and O2 Control Head Weight	7.12 lbs	3.23 kg
Mid Power Radio Transceiver and O7 Control Head Weight	6.74 lbs	3.06 kg
High Power Radio Transceiver Weight	With Trunnion Without Trunnion	14.2 lbs 12 lbs
		6.4 kg 5.4 kg

APX 6500 CONTROL HEAD PORTFOLIO



02 RUGGED CONTROL HEAD

- Large color display with intelligent lighting
- 3 lines of text 14 characters max / 1 line of icons / 1 line of menus
- Built in 7.5 watt speaker
- Multiple control head configuration (up to 2)
- Multifunction volume/channel knob
- Night/day mode button

03 HAND HELD CONTROL HEAD

- Large color display with intelligent lighting
- 2 lines of text 14 characters max / 1 line of icons / 1 line of menus
- Integrated full size DTMF keypad
- Hand-held control head with intuitive user interface
- Two quick-access side buttons
- Display contrast selector

05 STANDARD CONTROL HEAD

- Tri-color display with intelligent lighting
- 2 lines of text 14 characters max / 1 line of icons / 1 line of menus
- Available with Keypad Microphone
- Multiple control head configuration (up to 2)
- Display contrast selector

07 ENHANCED CONTROL HEAD

- Large color display with intelligent lighting
- 3 lines of text 14 characters max / 1 line of icons / 1 line of menus
- Available with Lighting & Siren Controls or DTMF Keypad
- Multiple control head configuration (up to 2)
- Multifunction volume/channel knob
- Night/day mode button

09 INTEGRATED CONTROL HEAD

- Extra-large full color display with intelligent lighting
- 2 lines of text 14 characters max / 1 line of icons / 1 line of menus
- Integrated full size DTMF keypad
- Large programmable one-touch buttons
- Dedicated siren controls
- Integrated Response Selector
- Night/day mode button

RECEIVER – TYPICAL PERFORMANCE SPECIFICATIONS

	700 MHz	800 MHz	VHF	UHF Range 1		UHF Range 2	
Frequency Range/Bandsplits	764-776 MHz	851-870 MHz	136-174 MHz	380-470 MHz		450-520 MHz	
Channel Spacing	25/20/12.5 kHz	25/20/12.5 kHz	25/20/12.5 kHz	25/20/12.5 kHz		25/20/12.5 kHz	
Maximum Frequency Separation	Full Bandsplit	Full Bandsplit	Full Bandsplit	Full Bandsplit		Full Bandsplit	
Audio Output Power at 3% distortion*	7.5 W or 15 W ++	7.5 W or 15 W ++	7.5 W or 15 W ++	7.5 W or 15 W ++		7.5 W or 15 W ++	
Frequency Stability* (-30°C to +60°C; +25°C Ref.)	+/-0.8 PPM	+/-0.8 PPM	+/-0.8 PPM	+/-0.8 PPM		+/-0.8 PPM	
Analog Sensitivity* 12 dB SINAD	-121 dBm	-121 dBm	Pre-Amp -123 dBm	Pre-Amp -123 dBm	Pre-Amp -123 dBm	Pre-Amp -123 dBm	Pre-Amp -123 dBm
Digital Sensitivity 5% BER	-121.5 dBm	-121.5 dBm	Standard -123 dBm	Standard -119 dBm	Standard -119 dBm	Standard -119 dBm	Standard -119 dBm
Intermodulation	25 kHz	82 dB	84 dB	86 dB	82 dB	86 dB	82 dB
	12.5 kHz	82 dB	85 dB	86 dB	83 dB	85 dB	83 dB
Spurious Rejection	91 dB	91 dB	95 dB	93 dB		93 dB	
Audio Distortion at rated*	1.20%	1.20%	1.20%	1.20%		1.20%	
FM Hum & Noise	25 kHz	59 dB	59 dB	55 dB		57 dB	
	12.5 kHz	50 dB	50 dB	50 dB		50 dB	
Selectivity*	25 kHz	85 dB	85 dB	85 dB		85 dB	
	12.5 kHz	75 dB	75 dB	75 dB		75 dB	
	30 kHz	—	90 dB	—		—	

SIGNALING (ASTRO MODE)

Signaling Rate	9.6 kbps
Digital ID Capacity	10,000,000 Conventional / 48,000 Trunking
Digital Network Access Codes	4,096 network site addresses
ASTRO® Digital User Group Addresses	4,096 network site addresses
Project 25 – CA1 Digital User Group Addresses	65,000 Conventional / 4,094 Trunking
Error Correction Techniques	Golay, BCH, Reed-Solomon codes
Data Access Control	Slotted CSMA: Utilizes infrastructure-sourced data status bits embedded in both voice and data transmissions.

GPS SPECIFICATIONS

Channels	12
Tracking Sensitivity	-153 dBm
Accuracy**	<10 meters (95%)
Cold Start	<60 seconds (95%)
Hot Start	<10 seconds (95%)
Mode of Operation	Autonomous (Non-Assisted) GPS

POWER AND BATTERY DRAIN

Model Type	136-174 MHz, 380-470 MHz, 450-520 MHz, 764-870 MHz					
Minimum RF Power Output	10-35 Watt (764-870 MHz), 10-50 Watts or 25-110 Watts (136-174 MHz), 10-40W or 25-110 Watts (380-470 MHz), 10-45Watts (450-485 MHz), 10-40Watts (485-512 MHz), 10-25Watts (512-520 MHz)					
Operation	13.8V DC \pm 20% Negative Ground					
Standby at 13.8V	0.85A (764-870 MHz), 0.85A (136-174 MHz), 0.85A (380-470 MHz), 0.85A (450-520 MHz)					
Receive Current at Rated Audio at 13.8V	3.2A (764-870 MHz), 3.2A (136-174 MHz), 3.2A (380-470 MHz), 3.2A (450-520 MHz)					
Transmit Current (A) at Rated Power	136-174 MHz (10-50 Watt) 380-470 MHz (10-40 Watt) 380-470 MHz (10-40 Watt)	13A (50W) 11A (40W) 11A (45W)	8A (15W) 8A (15W) 8A (15W)	764-870 MHz (10-35 Watt) 136-174 MHz (25-110 Watt) 380-470 MHz (25-110 Watt)	12A (50W) 20A (110W) 24A (110W)	8A (15W)

MOBILE MILITARY STANDARDS 810 C, D, E, F & G

	MIL-STD 810C		MIL-STD 810D		MIL-STD 810E		MIL-STD 810F		MIL-STD 810G	
	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.	Method	Proc./Cat.
Low Pressure	500.1	I	500.2	II	500.3	II	500.4	II	500.5	II
High Temperature	501.1	I, II	501.2	I/A1, II/A1	501.3	I/A1, II/A1	501.4	I/Hot, II/Hot	501.5	I-A1, II
Low Temperature	502.1	I	502.2	I/C3, II/C1	502.3	I/C3, II/C1	502.4	I/C3, II/C1	502.5	I-C3, II
Temperature Shock	503.1	1 Proc	503.2	I/A1C3	503.3	I/A1C3	503.4	I	503.5	I-C
Solar Radiation	505.1	II	505.2	I	505.3	I	505.4	I	505.5	I-A1
Rain	506.1	I, II	506.2	I, II	506.3	I, II	506.4	I, III	506.5	I, III
Humidity	507.1	II	507.2	II	507.3	II	507.4	1 Proc	507.5	II-Aggravated
Salt Fog	509.1	1 Proc	509.2	1 Proc	509.3	1 Proc	509.4	1 Proc	509.5	1 Proc
Blowing Dust	510.1	I	510.2	I, II	510.3	I, II	510.4	I, II	510.5	I, II
Vibration	514.1w	VIII/F, Curve-W	514.3	I/10, II/3	514.4	I/10, II/3	514.5	I/24	514.6	I-cat.24
Shock	516.2	I, III, V	516.3	I, V, VI	516.4	I, V, VI	516.5	I, V, VI	516.6	I, V, VI

ENCRYPTION

Supported Encryption Algorithms	ADP, AES, DES, DES-XL, DES-OFB, DVP-XL
Encryption Algorithm Capacity	8
Encryption Keys per Radio	Module capable of storing 1024 keys. Programmable for 64 Common Key Reference (CKR) or 16 Physical Identifier (FID)
Encryption Frame Re-sync Interval	P25 CAI 300 mSec
Encryption Keying	Key Loader
Synchronization	XL—Counter Addressing, OFB—Output Feedback
Vector Generator	National Institute of Standards and Technology (NIST) approved random number generator
Encryption Type	Digital
Key Storage	Tamper protected volatile or non-volatile memory
Key Erasure	Keyboard command and tamper detection
Standards	FIPS 140-2 Level 3 FIPS 197

ENVIRONMENTAL SPECIFICATIONS

Operating Temperature	-30°C / +60°C
Storage Temperature	-40°C / +85°C
Humidity	Per MIL-STD
ESD	IEC 801-2 KV
Water and Dust Intrusion	IP54, MIL-STD

FCC TYPE ACCEPTANCE ID

BAND	OUTPUT POWER	TRANSMITTER NUMBER
764-870 MHz	10-35 Watts	AZ492FT5858
136-174 MHz	25-110 Watts	AZ492FT3821
136-174 MHz	10-50 Watts	AZ492FT3824
380-470 MHz	10-40 Watts	AZ492FT4894
380-470 MHz	25-110 Watts	AZ492FT4897
450-520 MHz	10-45 Watts	AZ492FT4896

* Measured in the analog mode per TIA/EIA 603 under nominal conditions

** Accuracy specs are for long-term tracking

(95th percentile values >5 satellites visible at a nominal -130 dBm signal strength)

+ Specs includes performance for the non-GNSS/GNSS bands

++ Output power in to 6 and 3.2 Ohm external speakers respectively

Specifications subject to change without notice. All specifications shown are typical. Radio meets applicable regulatory requirements.

Motorola Solutions, Inc. 1301 E. Algonquin Road, Schaumburg, Illinois 60196 U.S.A. motorolasolutions.com

MOTOROLA, MOTO, MOTOROLA SOLUTIONS and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners. © 2016 Motorola Solutions, Inc. All rights reserved. 06-2016





MCD 5000 DESKSET SYSTEM

POWERFUL AND FLEXIBLE VoIP COMMUNICATIONS

Expand your communications with VoIP technology. Scalable from small operations to complex control centers and geographically dispersed operations, you can depend on the new modular MCD 5000 Deskset System with VoIP technology for your conventional and trunked communications. Whether used in dispatch environments, back-up sites, special events or call monitoring, you can easily expand communication capabilities throughout your organization using your IP network. This easy-to-deploy solution enables communications across your network when and where you need it most, increasing safety, awareness and coordination.

MCD 5000 DESKSET

A flexible desktop console, the MCD 5000 Deskset provides digital control for a variety of Motorola two-way radios, and can connect directly to a radio or over an IP network using the MCD 5000 Radio Gateway Unit (RGU).

The MCD 5000 Deskset digital control link emulates the buttons and display of the connected radio and performs all the functions of the radio control head.

And with a large and easy-to-read color LCD screen, intuitive layout and an adjustable viewing angle, the MCD 5000 Deskset is ergonomically designed for both occasional and constant everyday use.



MCD 5000 RADIO GATEWAY UNIT

Connect the MCD 5000 Deskset to radios over your IP network using the MCD 5000 RGU. The MCD 5000 Deskset allows users to dynamically switch between MCD 5000 RGUs, giving access to additional radios across the network and expanding communications. Each MCD 5000 RGU can connect up to four radios and each MCD 5000 Deskset can connect and monitor up to four radios (channels) at a time.

DESKSET AUDIO ACCESSORIES

With flexible communication options, you can use the handset, Push-To-Talk (PTT) switch and built-in condenser microphone, or add the optional headset, footswitch and desk microphone accessories for user convenience.

IP NETWORK

Take full advantage of VoIP technology and deploy the MCD 5000 Deskset when and where you need it on your IP network.

CONFIGURATION AND REPORTING TOOLS

Our configuration tool offers the convenience of remote use from anywhere on the network or local use with an Ethernet connection. And you can provide timely support and save travel time when you remotely access your system to configure the MCD 5000 Deskset and MCD 5000 RGU. You can also remotely run reports and perform queries for information you need to make real-time decisions. Additional supervisor reporting tools allow monitoring of each MCD 5000 Deskset System devices (MCD 5000 Deskset/ MCD 5000 RGU) to enhance training and operational efficiencies.



The MCD 5000 RGU connects radios to the MCD 5000 Deskset over your IP network

OPERATIONS MANAGEMENT CENTER (OMC) SERVER

An optional main management server for the MCD 5000 Deskset System, the Operations Management Center (OMC) enables system operation, maintenance, provisioning, and control for larger installations, as well as for customers with information assurance (IA) needs.

This central repository stores registration for all system users, MCD 5000 Desksets and radio resources, along with system-wide information including alarms, logs and audits. The OMC server runs on the Red Hat® LINUX® operating system.

Providing user-level interface to the OMC, the Administrator Control Panel Client (ACP) PC allows local and remote administration access for system management activities. The ACP Client PC runs on Microsoft Windows® 7 (64-bit) OR Windows 10 Professional (64 Bit) OR Windows IoT Enterprise LTSB 2015/2016 (64 Bit) Operating System. The ACP is required for systems with an OMC.

TWO-WAY RADIO DEVICES

The MCD 5000 Deskset lets you control a wide variety of digital radios:

APX All-Band Console-05 CH

APX All-Band Console-E5 CH

APX™ 7500 Multiband Console

ASTRO® Console (W9):

ASTRO® Spectra™

ASTRO® Spectra Plus™

Dimetra TETRA Mobile Radios:

MTM5400

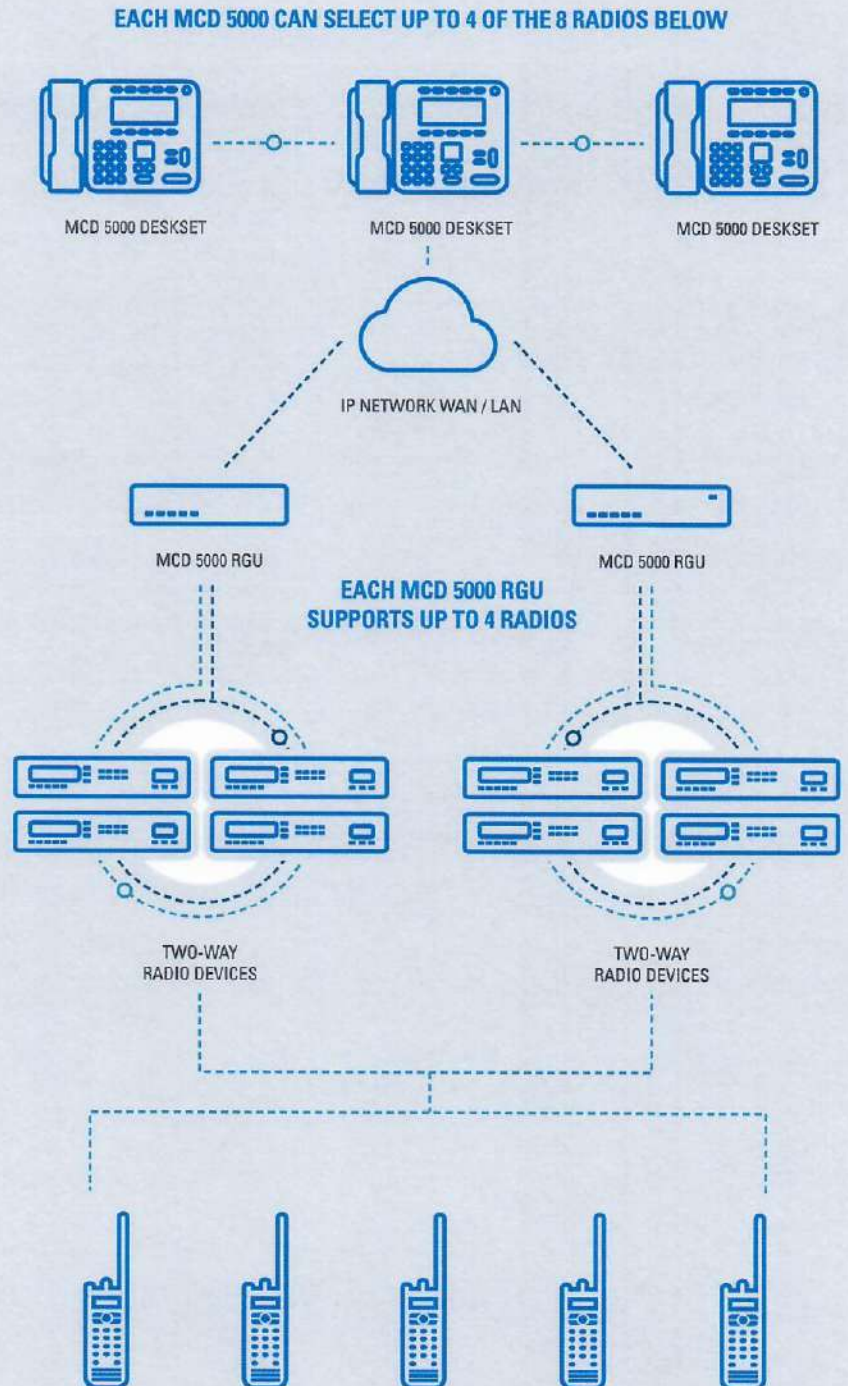
MTM800E

TRC Radios/Base-Stations/Adaptors

4-Wire E&M Radios

EXAMPLE MCD 5000 DESKSET SYSTEM SHOWING 3 OPERATOR POSITIONS CONTROLLING UP TO 8 RADIOS

The MCD 5000 Deskset system allows multiple desksets to dynamically switch to different MCD 5000 RGUs, giving you access to additional radios for expanded communications. Each MCD 5000 Deskset can connect and monitor up to four radios (channels) at one time.



SPECIFICATIONS

MCD 5000 DESKSET	
Dimensions	Height: 1.65 in (42 mm) Width: 8.58 in (218 mm) Depth: 10.39 in (264 mm) Weight: 5.73 lbs (2.6 kg)
Environmental	Operating temperature: -30 °C to 60 °C (-22 °F to 140 °F) Storage temperature: -40 °C to 80 °C (-40 °F to 176 °F) Humidity: 5% to 95% @ +50° C (122° F), Non-Condensing
Power	Input power: +10.8 to +14VDC, (+12 V nominal) Dissipation: 9W Max. 37VDC to 57VDC. Powered via POE-PD; meeting 802.3af Standard for Powered Desksets class 0
Audio	The end-to-end distortion is no more than 3% THD The generated audio is no more than -50 dBm of Hum and Noise below the rate audio output The crosstalk between any audio signals is no more than -65 dBm at 0 dBm transmit audio power
Supported Radio Protocols	RS-232 TTL, S89600, IP, 4W-E&M, TRC
Regulatory-EMC	FCC part 15 class A
Safety	EN60950-1
Green Product	RoHS, WEEE Mark
Certified Standard Compliance Requirements	CE Mark, FCC part 15 A Mark, UL Mark (for P.S. only) US federal government Environmentally Preferable Specification (EPP) Program
Non-certified Standard Compliance Requirements	CSA, UL, MOTOROLA W18 certification, CMM
Vocoders	G.711 and G.729

MCD 5000 DESKSET SYSTEM CAPACITIES	
Maximum Number of Radio Resources	512
Maximum Number of MCD 5000 Radio Gateway Units (RGUs)	128
Maximum Number of Radios per MCD 5000 Radio Gateway Unit (RGU)	4
Maximum Number of MCD 5000 Desksets	100
Maximum Number of Groups per MCD 5000 Deskset	20
Maximum Number of Users per MCD 5000 Deskset	8 (Non-OMC System) 1,000 (OMC System)

MCD 5000 RADIO GATEWAY UNIT	
Dimensions	Height: 1.65 in (42 mm) Width: 8.58 in (218 mm) Depth: 10.39 in (264 mm) Weight: 5.73 lbs (2.6 kg)
Environmental	Operating temperature: -30 °C to 60 °C (-22 °F to 140 °F) Storage temperature: -40 °C to 80 °C (-40 °F to 176 °F) Humidity: 5% to 95% @ +50° C (122° F), Non-Condensing
Power	Input power: +10.8 to +14VDC, (+12 V nominal) Dissipation: 9W Max. 37VDC to 57VDC. Powered via POE-PD; meeting 802.3af Standard for Powered Desksets class 0
Audio	The end-to-end distortion is no more than 3% THD The generated audio is no more than -50 dBm of Hum and Noise below the rate audio output The crosstalk between any audio signals is no more than -65 dBm at 0 dBm transmit audio power
Supported Radio Protocols	RS-232 TTL, S89600, IP, 4W-E&M, TRC
Regulatory-EMC	FCC part 15 class A
Safety	EN60950-1
Green Product	RoHS, WEEE Mark
Certified Standard Compliance Requirements	CE Mark, FCC part 15 A Mark, UL Mark (for P.S. only) US federal government Environmentally Preferable Specification (EPP) Program
Non-certified Standard Compliance Requirements	CSA, UL, MOTOROLA W18 certification, CMM
Vocoders	G.711 and G.729

To learn more about how the MCD 5000 Deskset System can help you implement powerful and flexible VoIP communications on your network, contact your Motorola representative or visit www.motorolasolutions.com/dispatch



Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. motorolasolutions.com

MOTOROLA, MOTO, MOTOROLA SOLUTIONS and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners. © 2020 Motorola Solutions, Inc. All rights reserved. 10-2020

June 21, 2021 City Council Meeting

Moved by Councilmember _____ and seconded by Councilmember _____ to approve the purchase of two 2021 Ford Police Interceptor Utility AWD marked police vehicles for \$74,852 (\$37,426 each) and two 2021 Ford F150 Super Crew 4x4 Police Responder unmarked police vehicles for \$74,886 (\$37,443 each) for the Department of Public Safety from Signature Ford, 1960 East Main Street, Owosso, MI 48867 at a total cost of \$149,738 from the Vehicles Account #101-310-985-000.

Ayes:

Nays:

Justification:

- The purchase of the vehicles were approved in the FY 2021-2022 budget
- This vehicles will replace an existing police vehicles, which will be offered to other city departments/removed from the fleet and auctioned
- The vehicles will be purchased through the Macomb County cooperative purchasing agreement
- Funds have been approved in account #101-310-985-000



City of Berkley
Department of Public Safety



INTEROFFICE CORRESPONDENCE

DATE: June 14, 2021
TO: Matthew Baumgarten, City Manager
FROM: Matt Koehn, Director of Public Safety *BK*
SUBJECT: REQUEST TO PURCHASE FY 2021/2022 DPS FLEET

The Department of Public Safety's FY 2021-2022 budget includes funds to purchase two marked and two unmarked police vehicles. All four vehicles will replace current vehicles.

The Department requests to purchase two 2021 Ford Police Interceptor Utility AWD marked police vehicles for \$74,852 (\$37,426) each. These vehicles will replace two existing marked police vehicles that have high mileage, high engine hours, and are due for changeover.

The Department requests to purchase two 2021 Ford F150 Super Crew 4x4 Police Responder unmarked police vehicles for \$74,886 (\$37,443 each). These vehicles will replace two existing unmarked police vehicles, which are retired Ford Police Interceptor Utility AWD marked police vehicles. These vehicles will be assigned to executive staff members and respond to emergencies in the City, as well as out of the City as part of specialty team assignments. Both of the existing vehicles are out of warranty and have frequent mechanical issues. Purchasing these vehicles, which will be equipped with caps, will allow them to function as mobile command posts and the additional storage space will allow the following equipment to be stored/carried in them, which cannot be stored/carried in the current Ford Police Interceptor Utility vehicles:

- Police equipment/supplies
- Fire equipment/supplies
- Medical equipment/supplies
- Command boards
- Spare radios
- SCBA equipment
- Oak-Tac equipment
- Technical rescue equipment

- IMT equipment
- Fire investigation equipment/supplies

It should be noted that the above pickups are "Police Responder" packages. It was the intent of the Department to purchase "consumer" models. However, the cutoff to order those models has passed. Due to PSO Ron Gabriel's relationship with the dealer, we are able to order the Police Responder models for the price of the consumer models, saving the City several thousands of dollars.

All of the vehicles to be purchased are configured to get the maximum use while in the BDPS fleet and the maximum return when they are auctioned at the end of their service life.

All vehicles will be purchased from Signature Ford in Owosso, MI through the Macomb County cooperative purchasing agreement. The Department has been purchasing vehicles from this dealership through this agreement for several years.

The purchase price of the vehicles is \$149,738 and includes a 36,000-mile factory bumper to bumper warranty and a 100,000 mile or five-year powertrain warranty. The Ford Police Interceptor Utility and Ford F150 Super Crew 4x4 Police Responder have proven to be a safe and reliable vehicle that has become the standard for many police departments.

The Department requests to purchase this vehicle utilizing the budgeted funds in the "Vehicles" account #101-310-985-000.



June 9, 2021

Berkley Department of Public Safety
Attn: Officer Ron Gabriel
3338 Coolidge Highway
Berkley, MI 48072

Dear Officer Ron Gabriel:

Price on 2021 Vehicle Macomb County Contract Bid:

(2) 2021 Ford Police Interceptor Utility AWD in Black (Patrol)	\$37,426.00 ea
Total Delivered Price	\$74,852.00

Service Contract: 36,000 miles or 36 months factory bumper to bumper warranty and 100,000 miles or 60 months powertrain warranty.

Delivery date: About 120 days from receipt of your PO.

Order Cutoff Date: TBD.

Ford Motor Company does not guarantee delivery---Ford Motor Company will make reasonable efforts to schedule orders received prior to fleet order cut-off date.

Payment requirements: All departments to pay on delivery of vehicle. 10-day grace period will be given if previous arrangements have been made. An \$8.00 per day floor plan will be charged if payment is not at the dealership within 10 days of delivery of the vehicle (s).

If you have any questions please call me, 888-92-Fleet (888-923-5338).

Respectfully Submitted,

Bill Campbell

Bill Campbell
Government & Fleet Sales

1960 East Main St, Owosso, MI 48867
888-92-FLEET or 888-923-5338, Fax 517-625-5832

Macomb County Bid Price (Bid #21-18, MY2020) in the State of Michigan 2021 Utility Police Interceptor Major Standard Equipment

MECHANICAL

- Axle Ratio – 3.73 (AWD)
- Brakes – 4-Wheel Heavy-Duty Disc w/H.D. Front and Rear Calipers
- Column Shifter
- DC/DC converter – 220-Amp (in lieu of alternator)
- Drivetrain – All-Wheel-Drive
- Electric Power-Assist Steering (EPAS) – Heavy-Duty
- Engine – 3.3L V6 Direct-Injection Hybrid Engine System
- Engine – 3.3L V6 Direct-Injection FFV with 10-Speed Automatic Transmission (136-MPH Top Speed)
- Note: Deletes Regenerative Braking and Lithium-Ion Battery Pack; adds 250-Amp Alternator, replaces H7 AGM battery (800 CCA/80-amp) with H7 SLI battery (730 CCA/80-amp) and replaces 19-gallon tank with 21.4-gallon tank
- Engine – 3.0L V6 EcoBoost® with 10-Speed Automatic Transmission – (148-MPH Top Speed)
- Note: Deletes Regenerative Braking and Lithium-Ion Battery Pack; adds 250-Amp Alternator, replaces H7 AGM battery (800 CCA/80-amp) with H7 SLI battery (730 CCA/80-amp) and replaces 19-gallon tank with 21.4-gallon tank
- Engine Hour Idle Meter
- Engine Hour Meter
- Engine Oil Cooler
- Fuel Tank – 19-gallons
- H7 AGM Battery (800 CCA/80-amp)
- Lithium-Ion Battery Pack
- Suspension – independent front & rear
- Transmission – 10-speed automatic

EXTERIOR

- Antenna, Roof-mounted
- Cladding – Lower bodyside cladding MIC
- Door Handles – Black (MIC)
- Exhaust True Dual (down-turned)
- Front-Door-Lock Cylinders (Front Driver / Passenger / Liftgate)
- Glass – 2nd Row, Rear Quarter and Liftgate Privacy Glass
- Grille – Black (MIC)
- Headlamps – Automatic, LED Low-and-High-Beam
- Note: Includes Front Headlamp / Police Interceptor Housing (with LED wig-wag feature)
- Pre-drilled hole for side marker police use, does not include LED strobe, but includes LED wig-wag functionality (eliminates need to drill housing assemblies and provides LED wig-wag feature)
- Pre-molded side warning LED holes with standard sealed capability (does not include LED installed lights)
- Wig-wag default is traditional ping-pong pattern; can be programmed to triple-burst pattern or ping-pong / triple-burst
- Note: Must be wired to vehicle's light controller to enable wig-wag functionality; recommend Ready for the Road Package (67H) or Ultimate Wiring Package (67U)
- Liftgate – Manual 1-Piece – Fixed Glass w/Door-Lock Cylinder
- Mirrors – Black Caps (MIC), Power Electric Remote, Manual Folding with Integrated Spotter (integrated blind spot mirrors not included when equipped with BLIS®)
- Spare – Full size 18" Tire w/TPMS
- Spoiler – Painted Black
- Tailgate Handle – (MIC)
- Tail lamps – LED
- Tires – 255/60R18 A/S BSW
- Wheel-Lip Molding – Black (MIC)
- Wheels – 18" x 8.0 painted black steel with wheel hub cover
- Windshield – Acoustic Laminated

INTERIOR/COMFORT

- Cargo Hooks
- Climate Control – Dual-Zone Electronic Automatic Temperature Control (DEATC)
- Door-Locks
- Power
- Rear-Door Handles and Locks Operable
- Fixed Pedals (Driver Dead Pedal)
- Floor – Flooring – Heavy-Duty Thermoplastic Elastomer
- Glove Box – Locking/non-illuminated
- Grab Handles – (1 – Front-passenger side, 2-Rear)

INTERIOR/COMFORT (continued)

- Liftgate Release Switch located in overhead console (45 second timeout feature)
- Lighting
- Overhead Console
- Red/White Task Lighting in Overhead Console
- 3rd row overhead map light
- Mirror – Day/night Rear View
- Particulate Air Filter
- Powerpoints – (1) First Row
- Rear-door closeout panels
- Rear-window Defrost
- Scuff Plates – Front & Rear
- Seats
- 1st Row Police Grade Cloth Trim, Dual Front Buckets with reduced bolsters
- 1st Row – Driver 6-way Power track (fore/aft, Up/down, tilt with manual recline, 2-way manual lumbar)
- 1st Row – Passenger 2-way manual track (fore/aft, with manual recline)
- Built-in steel intrusion plates in both driver/passenger seatbacks
- 2nd Row Vinyl, 35/30/35 Split Bench Seat (manual fold-flat, no tumble) – fixed seat track
- Speed (Cruise) Control
- Speedometer – Calibrated (includes digital readout)
- Steering Wheel – Manual / Tilt / Telescoping, Urethane wheel finish w/Silver Painted Bezels with Speed Controls and 4-user configurable latching switches
- Sun visors, color-keyed, non-illuminated
- Universal Top Tray – Center of I/P for mounting aftermarket equipment
- Windows, Power, 1-touch Up/Down Front Driver/Passenger-Side with disable feature

SAFETY/SECURITY

- AdvanceTrac® w/RSC® (Roll Stability Control™)
- Airbags, dual-stage driver & front-passenger, side seat, passenger-side knee, Roll Over Protection Airbags and Safety Canopy®
- Anti-Lock Brakes (ABS) with Traction Control
- Brakes – Police calibrated high-performance regenerative braking system
- Belt-Minder® (Front Driver / Passenger)
- Child-Safety Locks (capped)
- Individual Tire Pressure Monitoring System (TPMS)
- LATCH (Lower Anchors and Tethers for Children) system on rear outboard seat locations
- Rearview Camera with Washer viewable in 4.2" center stack.
- Seat Belts, Pretensioner/Energy-Management System w/adjustable height in 1st Row
- SOS Post-Crash Alert System™

FUNCTIONAL

- Audio
- AM/FM / MP3 Capable / Clock / 4-speakers
- Bluetooth® interface
- 4.2" Color LCD Screen Center-Stack "Smart Display"
- Note: Standard radio does not include USB Port or Aux. Audio Input Jack; Aux. Audio Input Jack requires SYNC 3®
- Easy Fuel® Capless Fuel-Filler
- Ford Telematics™ – Includes Ford Modem and complimentary 2-year trial subscription
- Front door tether straps (driver/passenger)
- Power pigtail harness
- Recovery Hooks; two in front and trailer bar in rear
- Simple Fleet Key (w/o microchip, easy to replace; 4-keys)
- Two-way radio pre-wire
- Two (2) 50 amp battery ground circuits – power distribution junction block (behind 2nd row passenger seat floorboard)
- Wipers – Front Speed-Sensitive Intermittent; Rear Dual Speed Wiper Wipers – Front

WARRANTY

- 3 Year / 36,000 Miles Bumper / Bumper
- 8 Year / 100,000 Miles Hybrid Unique Components
- POWERTRAIN CARE EXTENDED SERVICE PLAN
- 5-year/100,000-mile Powertrain CARE Extended Service Plan (zero deductible) – Standard

Police Interceptor Utility Base Prices

<input type="checkbox"/>	Utility All Wheel Drive (3.3L V6 Direct-Injection FFV, 136 MPH, 99B/44U) K8A/500A	\$31,544.00
<input checked="" type="checkbox"/>	Utility All Wheel Drive (3.0L V6 EcoBoost, 148 MPH, 99C/44U) K8A/500A	\$35,356.00
<input type="checkbox"/>	Utility All Wheel Drive (3.3L V6 Direct-Injection Hybrid Eng., 136 MPH, 99W/44B) K8A/500A	\$34,659.00

VEHICLE COLOR: Order Code	Interior Trim Color	
	Charcoal Black (96)	
Arizona Beige Clearcoat Metallic	[E3]	[]
Medium Brown Metallic	[BU]	[]
Dark Toreador Red Clearcoat Metallic	[JL]	[]
Dark Blue	[LK]	[]
Royal Blue	[LM]	[]
Light Blue Metallic	[LN]	[]
Vermillion Red	[E4]	[]
Smokestone Clearcoat Metallic	[HG]	[]
Silver Grey Metallic	[TN]	[]
Iconic Silver Clearcoat Metallic	[JS]	[]
Agate Black	[UM]	[x]
Oxford White Clearcoat	[YZ]	[]
Blue Metallic	[FT]	[]
Sterling Grey Metallic	[UJ]	[]
Medium Titanium Clearcoat Metallic	[YG]	[]
Carbonized Grey	[M7]	[]

INTERCEPTOR OPTIONAL FEATURES:

Flooring/Seats	Code	\$Cost
<input type="checkbox"/> 1st and 2nd row carpet floor covering	16C	125.00
<input type="checkbox"/> 2nd Row Cloth Seats	F6/ 88F	60.00
<input type="checkbox"/> Power passenger seat (6-way) w/manual recline and lumbar	87P	325.00
<input checked="" type="checkbox"/> Rear Console Plate (Not available with Interior Upgrade Pkg – 65U)	85R	45.00
<input type="checkbox"/> Interior Upgrade Package	65U	390.00

- 1st and 2nd Row Carpet Floor Covering
- Cloth Seats – Rear
- Center Floor Console less shifter w/unique Police console finish plate
- Includes Console and Top Plate with 2 cup holders
- Floor Mats, front and rear (carpeted)
- Deletes the standard console mounting plate (85D)
- SYNC® 3
 - Enhanced Voice Recognition Communications and Entertainment System
 - 4.2" Color LCD Screen Center-Stack "Smart Display"
 - AppLink®
 - 911 Assist®

Note: SYNC® AppLink® lets you control some of your favorite compatible mobile apps with your voice. It is compatible with select smartphone platforms.

Lamps/Lighting		
<input checked="" type="checkbox"/> Dark Car Feature – Courtesy lamp disable when any door is opened	43D	20.00
<input type="checkbox"/> Daytime Running Lamps	942	45.00
<input type="checkbox"/> Side Marker Lights in Skull Caps	63B/60A	340.00
<input type="checkbox"/> Rear Quarter Glass Side Marker Lights	63L	575.00
<input checked="" type="checkbox"/> Front Warning Auxiliary Light (Driver side – Red / Passenger side – Blue)	21L/60A	600.00
<input type="checkbox"/> Rear Auxiliary Liftgate Lights (Red/Blue LED Lights; located beneath liftgate glass in applique panel)	43A	395.00
<input type="checkbox"/> Front Interior Windshield Warning Lights (Red/Blue with take down)	96W	1145.00
<input type="checkbox"/> Rear Spoiler Traffic Warning Light	96T	1495.00
<input type="checkbox"/> Dome Lamp – Red/White in Cargo Area	17T	50.00
<input checked="" type="checkbox"/> Pre-wiring for grille lamp, siren, and speaker	60A	50.00
<input checked="" type="checkbox"/> Spot Lamp – Driver Only (LED Bulbs) (Unity)	51R	395.00
<input type="checkbox"/> Spot Lamp – Driver Only (LED Bulbs) (Whelen)	51T	420.00
<input type="checkbox"/> Spot Lamp – Dual (driver and passenger) (LED Bulbs) (Unity)	51S	620.00
<input type="checkbox"/> Spot Lamp – Dual (driver and passenger) (LED Bulbs) (Whelen)	51V	665.00

Body

[] Glass – Solar Tint 2nd and 3rd Row (Deletes Privacy Glass)	92G	120.00
[] Glass – Solar Tint 2nd Row (Privacy Glass on Rear Quarter and Liftgate Window)	92R	85.00
[] Deflector Plate	76D	335.00

Wheels

[] Wheel Covers (18" Full Face Wheel Cover)	65L	60.00
[] 18" Painted Aluminum Wheel	64E	475.00

Misc

[] Engine Block Heater	41H	90.00
[] License Plate Bracket – Front	153	N/C
[] Badge Delete (Police Interceptor Badge Only)	16D	N/C
[] 100 Watt Siren/Speaker (includes bracket and pigtail)	18X	300.00
[] Aux Air Conditioning	17A	610.00
[x] Noise Suppression Bonds (Ground Straps)	60R	100.00
[] Low-Band Frequency Noise Suppression Kit (Recommended when Using two-way radio communication devices that operate in the 39 – 46 MHz range (Channels 1-9). Provides noise suppression for in-car two-way radio communication devices in the 39-46 MHz frequency range.	68E	195.00
[] OBD-II Split Connector – Allows up to 2 devices to be connected to the vehicle's OBD-II port	61B	55.00
[] My Speed Fleet Management	43S	60.00

Audio/Video

[] Rear View Camera (Includes Electrochromic Rear View Mirror – Video is displayed in rear view mirror) Note: This option would replace the camera that comes standard in the 4" center stack area.	87R	N/C
[] Rear Camera On-Demand – allows driver to enable rear camera on-demand	19V	230.00

Doors/Windows

[] Global Lock / Unlock feature (Door-panel switches will lock/unlock all doors and rear liftgate. Eliminates the overhead console liftgate unlock switch) ***** OLD STYLE REAR HATCH LOCK / UNLOCK *****	18D	N/C
[] Hidden Door Lock Plunger, Rear Door Handle and Rear Windows Inoperable	52P	160.00
[x] Rear Door Handles Inoperable/Locks Inoperable and Rear Windows Inop.	68G	75.00
[x] Lock system; Single Key/All Vehicles Keyed Alike	59E	50.00
Keyed Alike 1284x= 59B Keyed Alike 1294x= 59C Keyed Alike 0135x= 59D		
Keyed Alike 1435x= 59E Keyed Alike 0576x= 59F Keyed Alike 0151x= 59G		
Keyed Alike 1111x= 59J		

Safety & Security

[] Ballistic Door Panels – Driver Front Door Only (Level 3)	90D	1585.00
[] Ballistic Door Panels – Driver & Pass Front Doors (Level 3)	90E	3170.00
[] Ballistic Door Panels – Driver Front Door Only (Level 4+)	90F	2415.00
[] Ballistic Door Panels – Driver & Pass Front Doors (Level 4+)	90G	4830.00
[] BLIS® – Blind Spot Monitoring with Cross Traffic Alert	55B/54Z	545.00
[x] Police Perimeter Alert – detects motion in an approximately 270-degree radius on sides and back of vehicle; if movement is determined to be a threat, chime will sound at level I. Doors will lock and windows will automatically go up at level II. Includes visual display in instrument cluster with tracking.	68B	675.00
[] Pre-Collision Assist with Pedestrian Detection (includes Forward Collision Warning and Automatic Emergency Braking and unique disable switch for Law Enforcement use) Note: Not available with option 96W	76P	145.00
[x] Mirrors– Heated, Non BLIS	549	60.00
[] Perimeter Anti-Theft Alarm – Activated by Hood, Door, or Decklid	593/55F	460.00
[] Remote Keyless Entry w/4 Key Fobs (w/o Keypad)	55F	340.00
[] Police Engine Idle Feature	47A	260.00
[] Extra Key \$6.00x__=	Parts	6.00 ea
[] Remote Starter (Must Order Keyless Entry 55F)	Parts	550.00
[] Reverse Sensing	76R	275.00
[] Class III Trailer Tow Lighting Package (4-pin and 7-pin connectors and wiring)	52T	80.00
[] H8 AGM Battery (900 CCA/92-amp)	19K	110.00
[] Gun Vault (Not Available with (17A) Aux Air Conditioning)	63V	245.00

[] 12.1" Integrated Computer Screen	47E	2745.00
<ul style="list-style-type: none"> • Includes 12.1" touchscreen display in center stack and allows for operation of laptop in remote location to free up cabin space in front passenger area • Includes Audio Video extender (AVX) box, (2) AVX cables, (2) USB cables and (1) HDMI cable • Includes SYNC 3 ® 		
[] Front Headlamp Lighting Solution	66A	895.00
<ul style="list-style-type: none"> • Includes LED Low beam/High beam headlamp, Wig-wag function and Red/Blue/White LED side warning lights (driver's side White/Red / passenger side White/Blue) • Includes pre-wire for grille LED lights, siren and speaker (60A) • Wiring, LED lights included. Controller "not" included 		
Note: Not available with option: 67H		
Note: Recommend using Ultimate Wiring Package (67U)		
[] Police Wire Harness Connector Kit – Front/Rear	67V	185.00
For connectivity to Ford PI Package solutions includes:		
• Front		
<ul style="list-style-type: none"> – (2) Male 4-pin connectors for siren – (5) Female 4-pin connectors for lighting/siren/speaker – (1) 4-pin IP connector for speakers – (1) 4-pin IP connector for siren controller connectivity – (1) 8-pin sealed connector – (1) 14-pin IP connector 		
• Rear		
<ul style="list-style-type: none"> – (2) Male 4-pin connectors for siren – (5) Female 4-pin connectors for lighting/siren/speaker – (1) 4-pin IP connector for speakers – (1) 4-pin IP connector for siren controller connectivity – (1) 8-pin sealed connector – (1) 14-pin IP connector 		
Note: Note:See Upfitters guide for further detail www.fordpoliceinterceptorupfit.com		
[] Tail lamp/Police Interceptor Housing Only	86T	60.00
<ul style="list-style-type: none"> • Pre-existing holes with standard twist lock sealed capability (does not include LED Strobe lights) (eliminates need to drill housing assemblies) 		
Note: Not available with options: 66B and 67H		
[] Tail Lamp Lighting Solution	66B	430.00
<ul style="list-style-type: none"> • Includes LED lights plus two (2) rear integrated hemispheric lighthouse white LED side Warning lights in taillamps • LED lights only. Wiring, controller "not" included 		
Note: Not available with option: 67H		
Note: Recommend using Ultimate Wiring Package (67U)		
[] Rear Lighting Solution	66C	455.00
<ul style="list-style-type: none"> • Includes two (2) backlit flashing linear high-intensity LED lights (driver's side red / passenger side blue) mounted to inside liftgate glass • Includes two (2) backlit flashing linear high-intensity LED lights (driver's side red / Passenger side blue) installed on inside lip of liftgate (lights activate when liftgate is open) • LED lights only. Wiring, controller "not" included 		
Note: Not available with option: 67H		
Note: LED lights only – does "not" include wiring or controller		
Note: Recommend using Ultimate Wiring Package (67U)		
[] Ultimate Wiring Package	67U	560.00
<ul style="list-style-type: none"> • Rear console mounting plate (85R) – contours through 2nd row; channel for wiring • Pre-wiring for grille LED lights, siren and speaker (60A) • Wiring harness I/P to rear cargo area (overlay) – Two (2) light cables – supports up to six (6) LED lights (engine compartment/grille) – One (1) 10-amp siren/speaker circuit engine cargo area • Rear hatch/cargo area wiring – supports up to six (6) rear LED lights • Does "not" include LED lights, side connectors or controller – Recommend Police Wire Harness Connector Kit 67V 		
Note: Not available with options: 65U, 67H		

[] Ready for the Road Package All-in Complete Package 67H 3595.00

All-in Complete Package – Includes Police Interceptor Packages: 66A, 66B, 66C, plus

- Whelen Cencom Light Controller Head with dimmable backlight
 - Whelen Cencom Relay Center / Siren / Amp w/Traffic Advisor control (mounted behind 2nd row seat)
 - Light Controller / Relay Cencom Wiring (wiring harness) w/additional input/output pigtails
 - High current pigtail
 - Whelen Specific WECAN Cable (console to cargo area) connects Cencom to Control Head
 - Pre-wiring for grille LED lights, siren and speaker (60A)
 - Rear console plate (85R) – contours through 2nd row; channel for wiring
 - Grille linear LED Lights (Red / Blue) and harness
 - 100-Watt Siren / Speaker
 - Hidden Door-Lock Plunger w/Rear-door controls inoperable (locks, handles and windows) (52P)
- Note: Not available with options: 66A, 66B, 66C, 67U and 65U**

Extended Warranty Option's (\$0.00 Deductible) 100,000 Mile Coverage

[] 5-Year Premium Care Warranty (500 Plus Components Coverage) 2745.00

Total Price \$37,426.00 ea



June 8, 2021

Berkley Department of Public Safety
Attn: Officer Ron Gabriel
3338 Coolidge Highway
Berkley, MI 48072

Dear Officer Ron Gabriel:

Price on 2021 Vehicle on Macomb County Contract Bid# 21-18:

(1) 2021 Ford F150 Super Crew 4x4 Police Responder in Carb. Gray	\$37,443.00 ea
(1) 2021 Ford F150 Super Crew 4x4 Police Responder in Silver	\$37,443.00 ea
Total Delivered Price	\$74,886.00

Standard Service Contract: 36,000 miles or 36 months factory Bumper to Bumper Warranty and 60,000miles 60 months Powertrain Warranty . Service to be handled by your local Ford Dealer.

Order Cutoff Date: June 25th, 2021.

Ford Motor Company does not guarantee delivery---Ford Motor Company will make reasonable efforts to schedule orders received prior to fleet order cut-off date.

Payment requirements: All departments to pay on delivery of vehicle. 10-day grace period will be given if previous arrangements have been made. A \$9.50 per day floor plan will be charged if payment is not at the dealership within 10 days of delivery of the vehicle (s).

If you have any questions please call me, 888-92-FLEET (923-5338)

Respectfully Submitted,

Bill Campbell

Bill Campbell
Government & Fleet Sales

Macomb#21-18 P.2 Alternate
2021 F-150 Police Responder SuperCrew
Major Standard Equipment

MECHANICAL

- Two-Speed Automatic Torque on Demand 4WD with Neutral Towing Capability (Includes 4A mode for Set and Forget)
- Alternator – 240 amp
- Axle, Front – Independent Front Suspension (IFS)
- Brakes – 4-Wheel Disc with ABS
- Class IV Trailer Hitch (incl. Smart Trailer Tow Connector, 4-pin/7-pin wiring, Class IV trailer hitch receiver)
- Electric Parking Brake
- Electronic Ten-Speed Automatic Transmission with Selectable Drive Modes: Normal/Tow-Haul/Snow-Wet/EcoSelect/Sport
- Engine Hour Meter
- Engine Idle-Hour Meter
- Fail-Safe Cooling
- Jack
- SelectShift® Automatic Transmission with Progressive Range Select
- Shock Absorbers, Gas – Heavy-Duty, Front
- Shock Absorbers, Gas – Heavy-Duty, Outboard Mounted, Rear
- Springs, Front – Coil
- Springs, Rear – Leaf, Two-Stage Variable Rate
- Upgraded Stabilizer Bar, Front
- Steering – Power, Rack-and-Pinion

EXTERIOR

- Badges – Tailgate
- Police Responder
- EcoBoost Badge
- Bumper and Fascia, Front – Black
- Bumper, Rear – Black
- Cargo Lamp – integrated with Center High-mounted Stop Lamp
- Daytime Running Lamps (DRL) (On/Off Cluster Controllable)
- Easy Fuel® Capless Fuel-Filler
- Exhaust – Single Rear
- F-150 Fender Badge
- Fuel Tank – Standard Range 26 Gallon
- Fully Boxed Steel Frame
- Grille – Black Two Bar Style with Black Nostrils and Black Surround
- Handles, Black – Door and Tailgate with Black Bezel
- Hooks – Pickup Box Tie-Down, four (4)
- Hooks – Front Tow 4x4, two (2)
- Mirrors, Sideview – Manual-folding, Power Glass with Black Skull Caps
- Power Tailgate Lock
- Spare Tire Carrier – Rear Under Frame
- Spare Tire/Wheel Lock
- Stone Cuffs, Front & Rear
- Tailgate – removable
- Tires – LT265/70R 18 BSW (A/T)
- Trailer Sway Control
- Trailer Towing – 4-pin/7-pin wiring, Class IV trailer hitch receiver
- Wheels – 18" Six-Spoke Silver Aluminum
- Wipers – Intermittent speed

INTERIOR/COMFORT

- 1st Row Power Windows
- 2nd Row Power Windows
- 4" Productivity Screen in Instrument Cluster
- 8" Center-stack Screen Touchscreen w/Audio Controls
- Air Conditioning Registers – Black Vanes with Chrome Knob
- Black Vinyl Floor Covering
- Cruise Control
- Red/White Task Lighting in Overhead Console
- Fade-to-Off Interior Lighting
- Gauges and Meters – Fuel, Oil Pressure, Transmission Temperature and Engine Coolant Temperature Gauges; Speedometer, Odometer and Tachometer
- Grab Handles
- Front – A-Pillar, Driver and Passenger Side
- Rear – B-Pillar
- Horn – Dual-Note
- Illuminated Entry
- Manual Air Conditioning, Single Zone
- Outside Temperature Display
- Power Door Locks
- Powerpoint (2) 12V – Front
- Rear Driver-side/Passenger-side Solar Tint
- Rear-window with Fixed Glass and Solar Tint

- Rearview Mirror, Day/Night
 - Scuff Plate, Driver and Front-Passenger Doors
 - Seat, Front
 - Police-grade heavy-duty cloth 40/blank/40 with reduced bolsters
 - 8-Way power driver/manual passenger
 - Built-in steel intrusion plates in both front-seatbacks
 - Seat, Rear – Vinyl, 60/40 flip-up split seat with elongated cushion
 - Speedometer – Calibrated (includes digital readout)
 - Steering Wheel, Black Urethane – Manual Tilt/Telescoping and Manual Locking
 - Universal Top Tray – Center of I/P for mounting aftermarket equipment
 - Visor, Driver Side; Visor with Mirror, Passenger-Side
- SAFETY/SECURITY**
- AdvanceTrac® w/RSC® (Roll Stability Control™)
 - Airbags
 - Driver and Passenger Front Airbags
 - Driver and Passenger Seat-Mounted Side Airbags
 - Safety Canopy® Side-Curtain Airbags (1st and 2nd row coverage)
 - Autolock
 - Door Lock Cylinders (Front Driver/Passenger door)
 - Halogen Headlamps
 - Illuminated Entry
 - Perimeter Anti-Theft Alarm
 - Rainlamp Wiper Activated Headlamps
 - Seat Belts, Active Restraint System (ARS). Three-point Manual Lap/Shoulder
 - Belts with Height Adjusters, Pretensioners & Energy Mgmt Retractors on Outside Front Positions. Includes Autolock Features for Child Seats
 - SecuriLock® Passive Anti-Theft System (PATS)
 - SOS Post-Crash Alert System™
 - Simple Fleet Key – (Inner-milled, w/o microchip, easy to replace; 4-keys)
 - Tire Pressure Monitoring System (TPMS)
- Note: F-150 Police Responder was designed and developed to meet the same federal fuel system crash standards as retail vehicles and other manufacturers' police vehicles. Ford Police Interceptors are the only vehicles on the market designed for the 75 mph rear-impact crash test.
- DRIVER ASSIST TECHNOLOGY**
- Autolamp – Auto On/Off Headlamps
 - Rear View Camera with Dynamic Hitch Assist
 - Reverse Sensing System
 - Hill Start Assist
 - SYNC® 4
 - 8" LCD Capacitive Touchscreen with Swipe Capability
 - Wireless Phone Connection
 - Cloud Connected
 - AppLink® w/ App Catalog
 - 911 Assist®
 - Apple CarPlay® and Android Auto™ Compatibility
 - Digital Owner's Manual
 - Over-the-Air Update Capability
- FUNCTIONAL**
- AM/FM Stereo – 6 speakers
 - Fleet Telematics Modem
 - Allows data to be provided to support Ford Telematics™ and Data Services via optional subscription, including but not limited to vehicle location, speed, idle time, fuel, vehicle diagnostics and maintenance alerts. Device enables optional telematics services through Ford or authorized providers via paid subscription. Subscribe at <https://www.commercialsolutions.ford.com> or call 1-833-811-FORD (3673).
 - Rear power lug located underneath rear seat to accommodate Police upfitting; One (1) 80 amp battery ground circuit
- FX4 OFF-ROAD PACKAGE**
- 3.31 Electronic-locking rear-axle
 - Hill Descent Control™
 - Off-Road tuned front shock absorbers
 - Skid plates: fuel tank, transfer case and front differential
- WARRANTY**
- 3 Year / 36,000 Miles Bumper / Bumper
- POWERTRAIN CARE EXTENDED SERVICE PLAN**
- 5-Year/100,000-mile Powertrain CARE Extended Service Plan (zero deductible) – Standard

Responder 150A Crew Cab 5.5 Ft. Box 145" WB

[x] Base Price W1P 4x4 (3.5L V6 EcoBoost™ engine 7000 GVWR 2030 PAYLOAD) 998/44G \$34,330.00

Available Options

	Option Code	Price
[] Trailer Towing Package	53A	995.00
<ul style="list-style-type: none"> • 4-pin/7-pin wiring harness • Auxiliary transmission oil cooler • Engine Oil Cooler • Class IV trailer hitch receiver • Pro Trailer Backup Assist (47E) • Tailgate LED • Smart Trailer Tow Connector • Pro Trailer Backup 		
[x] Trailer Towing Package with Integrated Brake Controller	53A/67T	1270.00
[] Tow Technology Package	53A/17T/54R/59S/67T	2355.00
<ul style="list-style-type: none"> • Includes Trailer Towing Package (53A) • Tow Technology Package • Includes Integrated Brake Control • Smart Trailer Tow Connector • Trailer Reverse Guidance • Includes 360-degree Camera • Mirrors Sideview Manual-folding, Power Glass with Heat, Turn Signal Auto-Dimming Feature (Driver's Side), High-Intensity LED Security Approach Lamps, LED Side-mirror Spotlights and Black Skull Caps (54R/59S) • Trailer Brake Controller (67T) 		
[x] Interior Upgrade Package	61A/47R	795.00
<ul style="list-style-type: none"> • Floor Console without Shifter (Maintains Column Shifter) • Color-Coordinated Carpet w/Carpeted Floor Mats • Cloth Seats – Police-Grade, Heavy-Duty Cloth – Front and Rear • Floor Liner – Tray Style 		
[x] SYNC® 4 with Enhanced Voice Recognition	524/582	325.00
<ul style="list-style-type: none"> • 8" LCD Capacitive Touchscreen with Swipe Capability • Ford Digital Assistant • Connected Navigation (w/Free 90-Day Trial) • Sirius XM Radio 		
[] Power Passenger Seat 8-Way	61P	295.00
[x] Badge Delete (Removes Rear Police Responder Badge)	41A	N/C
[x] Black Platform Running Boards	18B	250.00
[x] BLIS – Blind Spot Monitoring System with Cross-traffic Alert	91B	590.00
[x] Rear Window, Privacy Glass with Defroster	57Q/924	320.00
[] Power-Sliding Rear-Window (Includes Privacy Glass and Rear Defroster	435/924/57Q	670.00
[] Fog Lamps	595	140.00
[x] Front / Rear Chrome Bumper with Fog Lamps	17C/595	315.00
[] Pre-Collision Assist with Pedestrian Detection	43P	145.00
[] Daytime Running Lights (Not Recommended for Police Use)	942	45.00
[] Engine Block Heater	41H	90.00
[] Trailer Tow Mirrors Sideview Manual-folding, Manual Telescoping	54Y/59S/57Q/924	890.00
Power Glass with Heat, Turn Signal Auto-Dimming Feature (Driver's Side), High-Intensity LED Security Approach Lamps, LED Side-mirror Spotlights and Black Skull Caps. Only Available with Trailer Tow (53A). Includes Rear Defroster with Privacy Glass (57Q/924).		
[] Lock system; Single Key/All Vehicles Keyed Alike	62__	50.00
Keyed Alike 1284x= 62B Keyed Alike 1294x= 62C Keyed Alike 0135x= 62D Keyed Alike 1435x= 62E Keyed Alike 0576x= 62F Keyed Alike 0151x= 62G Keyed Alike 1111x= 62J		
[x] Remote Keyless Entry w/4 Key Fobs (Must order for Remote Entry)	67P	340.00
[x] Remote Starter (Requires Remote Keyless Entry Option 67P)	SIG	575.00
[] Police Engine Idle Feature	47P	260.00
[] Tailgate Step	63T	375.00
[] Front License Plate Holder	153	N/C

<input checked="" type="checkbox"/> Spray in Bedliner	96W	595.00
<input type="checkbox"/> Bed Liner – Plastic, Drop-in	96P	350.00
<input type="checkbox"/> Rear Wheel Arch Liner	96L	180.00
<input type="checkbox"/> Red / Blue LED Warning Beacons – includes two (2) LED warning lights visible on either side of stop light bar and two (2) LED lights visible between lower windshield and hood (Driver side – Red / Passenger side – Blue)	94R	650.00
<input checked="" type="checkbox"/> BoxLink (includes Four (4) premium locking cleats)	55B	80.00
<input type="checkbox"/> Tonneau Pickup Box Cover – Soft Folding	96T	525.00
<input type="checkbox"/> Tonneau Pickup Box Cover – Hard Folding	96X	995.00
<input type="checkbox"/> Tonneau Pickup Box Cover – Retractable	96J	1695.00
<input type="checkbox"/> Dual Spot Lamps	MME2	1050.00
<input type="checkbox"/> Dual Spot Lamps LED	MME2	1400.00
<input type="checkbox"/> Single Spot Lamp	MME1	525.00
<input type="checkbox"/> Single Spot Lamp LED	MME1	700.00

TOTAL \$37,443.00 ea

Colors & Trim Availability:

Exterior	Interior (Black/Med. Earth Grey)(PB)	
Agate Black	(UM)	<input type="checkbox"/>
Oxford White	(YZ)	<input type="checkbox"/>
Race Red	(PQ)	<input type="checkbox"/>
(1) Carbonized Gray	(M7)	<input checked="" type="checkbox"/>
Antimatter Blue	(HX)	<input type="checkbox"/>
(1) Iconic Silver	(JS)	<input checked="" type="checkbox"/>
Stone Gray	(D1)	<input type="checkbox"/>
Velocity Blue	(E7)	<input type="checkbox"/>

ALL-NEW 2021 FORD F-150® POLICE RESPONDER®





HOT PURSUIT JUST GOT HOTTER.

The only pursuit-rated pickup truck is more arresting than ever with enhancements that include a higher top speed (120 mph) and a new torque-on-demand transfer case that features a "4 Auto" select on its 4x4 system for exceptional performance and handling, both on- and off-road, as well as "set it and forget it" convenience.

The All-New 2021 Ford F-150® Police Responder¹ also possesses the greatest torque of any pursuit-rated police vehicle, 500 lb.-ft. of torque and 400 horses are ready for duty. Its 3.5L EcoBoost[®] V6 is partnered with a 10-speed SelectShift[®] automatic configured with progressive range select and 5 Selectable Drive Modes.

Upgraded brake callipers, unique brake pad friction material, and unique police engine and transmission calibrations help deliver more every police-duty performance. The F-150 foundation of the all-new F-150 Police Responder is rock-solid as Ford F-Series[®] is America's best-selling truck for 46 years straight... and counting.



Responding with the best payload capacity² (2,030 lbs.) and best standard towing capability³ (7,000 lbs.) of any pursuit-rated police vehicle, this powerful pickup is bolstered by the FX4 Off-Road Package that includes off-road-tuned shock absorbers, underbody skid plates, and an electronic-locking rear axle. A high-strength, military-grade, aluminum-alloy body and cargo box reinforce its Built Ford Tough[®] reputation for quality, durability and muscle. Aluminum resists corrosion, and this grade-tens off dents and dings; a fully boxed, high-strength-steel frame sets the foundation. Need more towing capability? Then go for the available Trailer Tow Package and tow up to 11,200 lbs.

With 131.9 cu. ft. of interior volume – shoulder room, hip room and rear leg room are the most of any pursuit-rated police vehicle. The F-150 Police Responder can comfortably seat 5 – even while wearing body armor and holsters. The driver's seat is 8-way powered, and both front seats – with reduced bolsters for comfort – are outfitted in heavy-duty dark cloth. Front seat backs have steel intrusion plates. Amenities extend to an available Remote Keyless Entry System that includes 4 key fobs, as well as an available Keyed-Alike option. Add the new available Interior Work Surface for a flat workspace in the center console area that can slide to either the driver or front-passenger side.

New technology on the F-150 Police Responder includes a police engine idle feature that allows the key to be removed from the vehicle while it still idles. Also available, new SYNC[®] 4 features an 8" touchscreen in the center stack and can include available cloud connectivity as well as Over-the-Air Updates. A built-in Ford modem allows for the addition of an available Ford Telematics[®] subscription for more features, roadside data and insights into each vehicle's operation. Available Pre-Collision Assist with Automatic Emergency Braking includes a temporary disable switch for law enforcement, while available BLIS[®] (Blind Spot Information System) with Cross-Traffic Alert can alert drivers to vehicles in their blind spots before making a lane change.

Vehicle imagery throughout this brochure may be computer-generated and may include available and aftermarket optional equipment. Available late summer.

Horsepower, torque, payload and towing are independent attributes and may not be achieved simultaneously.

¹Based on 1977-2020 CY total sales. ²Max. payload varies and is based on accessories. See label on door jamb for carrying capacity of a specific vehicle. ³Max. towing varies based on cargo, accessories and number of passengers. ⁴2020-series aluminum alloy.

2021 F-150 POLICE RESPONDER • www.ford.com/police-vehicles/f150-police-truck

2021 FORD F-150® POLICE RESPONDER®

STANDARD FEATURES — SuperCrew® 4x4 with 5.5' box

2-speed torque-on-demand 4x4 transfer case
12V powerpoints, front (2)
18" Silver-painted aluminum wheels
AdvanceTrac™ with RSC® (Roll Stability Control™)
Built-in steel intrusion plates in both front seat backs
Class IV trailer hitch receiver with 4-pin/7-pin wiring harness and Smart Trailer Tow Connector
Column-mounted shifter
Engine-hour and -idle meters
Ford Telematics™ modem¹
Flooring — Black vinyl
Front-seat side airbags² and Safety Canopy® System with side-curtain airbags² and rollover sensor

FX4® Off-Road Package includes electronic-locking rear axle; Hill Descent Control™; off-road-tuned shock absorbers; and fuel tank, transfer case and front differential skid plates
Keys — Simple fleet keys (4)
LT265/70R18C BSW all-terrain tires
Mirrors — Power sideview
Perimeter alarm
Personal Safety System™ for driver and front passenger with dual-stage front airbags³
Power lug under rear seat for upfitting (80-amp)
Red/white task lighting in overhead console
Reinforced universal I/P top tray for mounting equipment

Seats — Police-grade heavy-duty cloth, 8-way power driver and 4-way manual front-passenger with reduced bolsters and center seat section deleted (40/blank/40 front seats)
Seat — Rear vinyl bench
SecuriLock® Passive Anti-Theft System
Selectable Drive Modes: Normal, Tow/Haul, Snow/Wet, EcoSelect and Sport
SOS Post-Crash Alert System™
Speedometer — Police-calibrated with digital readout
SYNC® 4 with 8" LCD center stack touchscreen, cloud connectivity and Over-the-Air Update capability
Tire Pressure Monitoring System (TPMS; excludes spare)
Upgraded power 4-wheel vented disc brakes with Anti-Lock Brake System (ABS)

STANDARD FORD CO-PILOT360™ TECHNOLOGY

Autolamp (Automatic On/Off Headlamps)

Rear View Camera with Dynamic Hitch Assist

Reverse Sensing System
Trailer Sway Control

AVAILABLE FEATURES³

Backup alarm system (85H)
Badge delete (41A)
Bed divider (dealer-installed option)
Bedliner — Plastic drop-in (96P)
Bedliner — Tough Bed® spray-in (96W)
Black platform running boards (18B)
BLIS® (Blind Spot Information System) with Cross-Traffic Alert (91B)
BoxLink™ with 4 premium locking cleats (55B)
Chrome front and rear bumpers (17C)
Daytime running lamps — Non-configurable (942)
Engine block heater (41H)
Fixed rear window with privacy glass and defroster (924/57Q)
Flooring — Carpet with carpeted floor mats (16B)
Flooring — Floor liners (47R)
Fog lamps (595)
Integrated trailer brake controller (67T)

Interior Upgrade Package⁴ (61A)
Interior Work Surface (50M)
Keys — Keyed alike (62B/62C/62D/62E/62F/62G/62J)
LED warning strobes (Red/Blue 94R; Amber 94S; Amber/White 94W)
Mirrors — Manually folding, power, heated sideview with integrated turn signal indicators, high-intensity LED security approach lamps, LED spotlights, driver's side auto-dimming feature, and black mirror caps (54R/59S/17T)
Mirrors — Manually folding/telescoping trailer tow with power, heated glass; integrated turn signal indicators; high-intensity LED security approach lamps; LED spotlights; and black mirror caps (54Y/59S)
Police engine idle feature (47P)
Power-sliding rear window (435)
Pre-Collision Assist with Automatic Emergency Braking (AEB) with temporary disable switch (60C)

Remote Keyless Entry System with 4 key fobs (67P)
Seat — 8-way power front-passenger (61P)
Stowable loading ramps⁵ (90R)
SYNC® 4 with cloud connectivity — wireless phone connection, 911 Assist, AppLink® with App Catalog, wireless Apple CarPlay® compatibility, wireless Android Auto™ compatibility, and digital owner's manual (524/582)
Tailgate step with tailgate work surface (63T)
Tonneau cover — Hard-folding by Advantage⁵ (96X)
Tonneau cover — Retractable⁵ (96J)
Tonneau cover — Soft-folding by Advantage⁵ (96T)
Toolbox — Aluminum crossbed⁵ (90B)
Toolbox — Premium aluminum crossbed⁵ (90P)
Tow Technology Package⁴ (17T)
Trailer Tow Package with Pro Trailer Backup Assist⁴ (53A)

POWERTRAIN

Engine	3.5L EcoBoost® V6
Transmission	10-speed SelectShift® automatic
Horsepower (hp @ rpm)	400 @ 6,000
Torque (lb.-ft. @ rpm)	500 @ 3,500

DIMENSIONS & CAPACITIES⁶

EXTERIOR (in.)	SuperCrew
Length	231.7
Wheelbase	145.4
Width (standard mirrors folded)	79.9
Height	77.2
Approach angle	24.3°
Departure angle	25.3°
Ground clearance	9.4
INTERIOR (in.)	
Front/Rear	
Head room	40.8/40.4
Leg room (max.)	43.9/43.6
Hip room	62.5/62.6
Shoulder room	66.7/66.0
CAPACITIES	
Passenger volume (cu. ft.)	131.9
Fuel (gal.)	26.0
Seating	5
Payload (lbs.)	2,030
Std. towing (lbs.)	7,000
Max. towing (lbs.)	11,200⁷
GVWR (lbs.)	7,050

fleet.ford.com

Just the facts: fordpolicevehicles.com

F-150 Police Responder was designed and developed to meet the same federal fuel system crash standards as retail vehicles and other manufacturers' police vehicles. Ford Police Interceptor Utility is the only vehicle on the market designed for the 75-mph rear-impact crash test.

Horsepower, torque, payload and towing are independent attributes and may not be achieved simultaneously.

¹Ford Telematics and Ford Data Services; available on vehicles with embedded modem or equipped with plug-in device (PID). Requires modem activation. Ford Telematics and Ford Data Services are subscription services subject to agreement to FSM terms and conditions. Subscription subject to monthly charge. Subject to OFAC and credit check for subscription eligibility. Connected service and features, and access to vehicle data depend on subscription and compatible AT&T network availability. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features. ²Always wear your safety belt and follow airbag warning label instructions. ³Restrictions may apply. See your dealer for details. ⁴Visit fleet.ford.com for complete package content. ⁵Ford Licensed Accessory. ⁶Dimensions and capacities shown may vary due to optional features and/or production variability. ⁷Requires available Trailer Tow Package. Max. towing varies based on cargo, vehicle configuration, accessories and number of passengers.

Ford and Oval Device, 911 Assist, AdvanceTrac, AppLink, BLIS, BoxLink, Built Ford Tough, EcoBoost, F-150, F-Series, Ford Co-Pilot360, Ford Telematics, FX4, Hill Descent Control, Personal Safety System, Pro Trailer Backup Assist, Roll Stability Control, RSC, Safety Canopy, SecuriLock, SelectShift, SOS Post-Crash Alert System, SuperCrew, SYNC, Tough Bed and related marks are trademarks of Ford Motor Company.

Android Auto is a trademark of Google LLC. Apple CarPlay is a trademark of Apple Inc., registered in the U.S. and other countries. ©2021 Ford Motor Company 21FLTFRB.



Printed in the USA. Please recycle.

AN ORDINANCE

of the Council of the City of Berkley, Michigan

Amending Division 4 of Article VIII of Chapter 82, Offenses and Miscellaneous Provisions, of the City of Berkley Code of Ordinances to Prohibit the Possession and Use of Cigarettes, Tobacco, and Nicotine Products to Persons Under the Age of 21, and the Sale, Giving, or Furnishing of Cigarettes, Tobacco, and Nicotine Products, Including Electronic Cigarettes, to Persons Under the Age of 21, and to Prescribe Penalties for Violations.

THE CITY OF BERKLEY ORDAINS:

SECTION 1: Division 4 of Article VIII of Chapter 82 of the Berkley Code of Ordinances shall be amended, as follows:

Sec. 82-385. – Definition.

For the purposes of this division, the following terms shall be defined as follows:

Nicotine product means the highly toxic alkaloid found in tobacco, presented in tobacco, or in some other form for ingestion, including, but not limited to water soluble nicotine containing substances and devices which deliver nicotine through vapor or other means for inhalation or ingestion, including electronic cigarettes, hookah pens, or other similar devices.

Sec. 82-386. – Furnishing to minors.

It shall be unlawful within the city for any person to sell, give to or in any way furnish any cigarettes, tobacco, or nicotine products in any form to any person under the age of ~~18~~21 years. In an action for a violation of this section, proof that the defendant demanded and was shown, before selling, giving, or furnishing any cigarettes, tobacco, or nicotine product to a person under the age of ~~18~~21, a driver's license or other bonafide photographic identification showing the person's age and identity, shall be a defense.

Sec. 82-387. – Possession by minors.

It shall be unlawful within the city for any person under the age of ~~18~~21 years to possess or have on their person any cigarettes, tobacco, or nicotine products in any form.

Sec. 82-388. – Use by minors in public places.

No person under the age of ~~18~~21 years shall smoke, inhale, ingest, or use cigarettes, tobacco, or nicotine products in any form on any public highway, street, alley, park or other lands used for public purposes, or in any public place of business or amusement.

Sec. 82-389. – Harboring minors for purposes of indulgence; rights of parents.

No person shall knowingly harbor any person under the age of ~~18-21~~ years or grant to persons under the age of ~~18-21~~ years the privilege of gathering upon or frequenting any property or lands held by him for the purpose of indulging in the use of cigarettes, tobacco, or nicotine products in any form; provided, however, that no part of this division shall be construed as to interfere with the right of parents or lawful guardians in the rearing and management of their minor children or wards within the bounds of their own private premises.

Sec. 82-390. – Penalties.

- (a) A person who violates sections 82-387 or 82-388 is responsible for a municipal civil infraction, with a fine up to \$100 or community service.
- (b) A person who violates sections 82-386 or 82-389 of this division is guilty of a misdemeanor, with a maximum penalty of up to 90 days in jail and/or a fine of up to \$500.

SECTION 2: Severability Clause

Should any word, phrase, sentence, paragraph, or section of this Ordinance be held invalid or unconstitutional, the remaining provisions of this ordinance shall remain in full force and effect.

SECTION 3: Effective Date

This Ordinance shall become effective 30 days following the date of adoption.

SECTION 4: Publication

The City Council directs the City Clerk to publish a summary of this ordinance in compliance with Public Act 182 of 1991, as amended, and Section 6.5 of the Berkley City Charter.

Introduced on the First Reading at the Regular City Meeting on Monday, June 21, 2021.

Daniel J. Terbrack
Mayor

Attest:

Victoria Mitchell
City Clerk

John D. Staran

From: John D. Staran
Sent: Thursday, May 13, 2021 9:48 AM
To: 'ahadfield@berkleypublicsafety.net'
Cc: Baumgarten, Matt (mbaumgarten@berkleymich.net); P. Daniel Christ
Subject: Tobacco products ordinance
Attachments: Div 4 of Art VIII of Chap 82 Tobacco (Amend) 2021.05.11.docx

Follow Up Flag: Follow up
Flag Status: Flagged

Lt. Hadfield: Per your request, here is a draft ordinance to amend Berkley City Code Chapter 82, Article VIII, Division 4, Tobacco, to raise from 18 to 21 the lawful age for a person to possess, use, or purchase tobacco and nicotine products (which includes cigarettes and vaping). This will make the City ordinance consistent with a change to the federal Food, Drug, and Cosmetic Act, that went into effect last year, raising the federal minimum age for purchasing tobacco products to 21. This proposed ordinance amendment, if adopted, will allow Berkley PSD to enforce and cite violators under local ordinance.

Possession and use of tobacco and nicotine products by persons under age 21 is a municipal civil infraction. But, sale or furnishing of such products to someone under 21 is a misdemeanor.

Please carefully review the draft ordinance. If satisfactory, it may be processed in the usual manner to be introduced to the City Council to be considered for adoption.



John D. Staran

2055 Orchard Lake Road
Sylvan Lake, MI 48320
(248) 731-3080 Fax (248) 731-3088
Direct (248) 731-3088
jstaran@hsc-law.com

www.hsc-law.com

Confidentiality Notice: This communication, including any attachments, is for the exclusive use of the intended recipient and may contain confidential and legally privileged information. If you are not the intended recipient, please promptly notify us by return email, permanently delete this email and any attachments, and destroy any printouts.

Treasury Circular 230 Disclosure: This communication is not intended or written to be used, nor may it be used or relied upon, by a taxpayer for the purpose of avoiding tax penalties that may be imposed under the Internal Revenue Code, as amended.

June 21, 2021 City Council Meeting

Moved by Councilmember _____ and seconded by Councilmember _____ to approve the purchase of a Variable Message Board Sign and a Compact Light Tower at a total cost of \$24,360 from Truck & Trailer Specialties utilizing the MITN Cooperative Bid.

Ayes:

Nays:

Motion:

Transmittal Memo

To: Matthew Baumgarten, City Manager
Cc: Mark Pollock, Finance Director
From: Derrick Schueller, DPW Director *DLS*
Date: June 4, 2021
Subject: Recommendation for Award-Variable Message Board Sign and Compact Light Tower
MITN Cooperative Bid Program



Funds were allocated in the current budget for the purchase of a variable message board sign and light tower. These are both trailer units that can be deployed to various areas in the City. The 48" by 96" message board can display text as well as a full range of traffic control graphics. The diesel-powered light tower is compact and efficient with a full tank runtime of over 100 hours.

We propose to utilize the MITN cooperative bid contract for this purchase. The message board and light tower will be purchased from Truck & Trailer Specialties of Howell, Michigan per the MITN consortium. This program allows local units of government to purchase a variety of specialized equipment at a discounted price. The MITN bid has been utilized in the past by several City departments.

The manufacturer warranty is five (5) years on structural and electrical components and four (4) years on batteries.

We recommend moving forward with the message board and light tower purchase at a total cost of \$24,360 from Truck & Trailer Specialties utilizing the MITN cooperative bid.

The new equipment was programmed in the Capital Equipment Replacement Plan and funds are available in the 2020-2021 Fiscal Budget under account number 592-536-982-592 (Equipment-\$289,000).

Feel free to contact our office with any questions or concerns.

Attachments DLS

J:\Vehicles and Equipment\Arrow Boards Message Board Light Tower\2021\Message Board and Light Tower\Council\Recommendation for Award Message Board and Light Tower 6-4-21.doc

TRUCK & TRAILER *Specialties, Inc.*

900 Grand Oaks Drive | Howell, MI 48843 | www.ttspec.com | ph: (517) 552-3855 | fx: (517) 552-3666

April 20, 2021

City of Berkley
3238 Bacon Avenue, Berkley, MI 48072
Attn: Shawn Young, phone: (248) 658-3490

Equipment Quotation

The following pricing will be based on City of Rochester Hills RFP-RH-20-023 contract awarded September 2020

Supply Variable Message Sign including the following:

WANCO brand, model# WVTMM-L, Large Metro Matrix
Display size: 48" x 96"
Matrix sign with hand-operated winch lift
In-cabinet controller with 7" LCD capacitive touchscreen with 12 variable fonts
130W solar panel
Features (4) four, solar-charged 6 Vdc deep-cycle batteries wired for 12 Vdc power
Standard 15-amp 110-volt AC battery charger included
360° display rotation for optimal positioning
Stabilizer swivel jacks
Full-range of MUTCD graphics
Includes 2" ball hitch
Includes 7-way RV plug

Delivered price for (1) one unit: \$14,535.00 ea.

Option Remote communication for Messageboard, using own City service

Option add: \$660.00 ea.

Warranty Info:

Manufacturer warranty offering 5 years on structural and electronics, 4 years prorated on batteries.

Payment Terms: Net 30. Pricing effective for 45 days.

FOB: City of Berkley

Delivery: 28-35 days ARO

Thank you for the opportunity to quote.

Respectfully submitted by,
Jon Luea/Brian Bouwman

TRUCK & TRAILER *Specialties, Inc.*

900 Grand Oaks Drive | Howell, MI 48843 | www.ttspec.com | ph: (517) 552-3855 | fx: (517) 552-3666

April 20, 2021

City of Berkley
3238 Bacon Avenue, Berkley, MI 48072
Attn: Shawn Young, phone: (248) 658-3490

Equipment Quotation

The following pricing will be based on City of Rochester Hills RFP-RH-20-023 contract awarded September 2020

Supply Diesel Compact Light Tower including the following:

WANCO brand, model# WLTT-4MK8K
Four, 1000-watt metal halide lights
24.5' vertically deploying tower
Dual, handle manual winch lift
Kubota D1005 engine
Large 8KW Generator
120 & 240V receptacles
60-gallon fuel tank
Industrial-grade leveling jacks
Includes 2" ball hitch
Includes 7-way RV plug

Delivered price for (1) one unit: \$9,165.00 ea.

Warranty Info:

Manufacturer warranty offering 5 years on structural and electronics, 4 years prorated on batteries.

Payment Terms: Net 30. Pricing effective for 45 days.

FOB: City of Berkley

Delivery: 3-4 months ARO

Thank you for the opportunity to quote.

Respectfully submitted by,
Jon Luea/Brian Bouwman

June 21, 2021 City Council Meeting

Moved by Councilmember _____ and seconded by Councilmember _____ to approve the purchase of a 2021 Ford Transit Cargo Van with Buildout at a total cost of \$70,265 from Signature Ford and Truck & Trailer Specialties utilizing the Macomb County and MITN Cooperative Bids.

Ayes:

Nays:

Motion:

Transmittal Memo



To: Matthew Baumgarten, City Manager
Cc: Mark Pollock, Finance Director
From: Derrick Schueller, DPW Director *DS*
Date: June 4, 2021
Subject: Recommendation for Award-2021 Ford Transit 250 EL Cargo Van & Buildout
Macomb County & MITN Cooperative Bid Programs

Funds were allocated in the current budget for the purchase of a high roof cargo van and buildout. This vehicle is primarily used on water meter appointments and MISS DIG activities. It will replace a 2008 Chevrolet van in the current fleet (#1).

We propose to utilize both the Macomb County and MITN cooperative bid contracts for this purchase. The base cargo van will be purchased from Signature Ford of Owosso, Michigan in accordance with the Macomb County program and the meter van outfitted from Truck & Trailer Specialties of Howell, Michigan per the MITN consortium. These programs allow local units of government to purchase a variety of fleet vehicles with specialized equipment at a discounted price. Both bids have been successfully utilized in the past by various City departments.

DPW staff has reviewed the equipment and outfitting options available via MITN for the buildout. Selections have been made for shelf and storage units, a computer mount, custom lighting and electrical, a power inverter, and an air compressor system (please see attached for more details on both the van and accessories).

The vehicle comes with a 36,000 miles or 36 months factory bumper-to-bumper warranty and a 60,000 miles or 60 months powertrain warranty with service handled by any local Ford dealer. All of the body components come with a minimum one year warranty for parts and labor (no deductible).

We recommend moving forward with the 2021 Ford Transit Cargo Van purchase and buildout at a total cost of \$70,265 from Signature Ford and Truck & Trailer Specialties utilizing the Macomb County and MITN cooperative bids.

The new vehicle was programmed in the Capital Equipment Replacement Plan and funds are available in the 2020-2021 Fiscal Budget under account number 592-536-985-000 (Vehicles-\$400,000).

Feel free to contact our office with any questions or concerns.

Attachments DLS
J:\Vehicles and Equipment\Meter Van\2021\Council\Recommendation for Award 2021 Ford Transit 6-4-21.doc

2021 Transit 250 Van 9,070# GVWR

Major Standard Equipment

POWERTRAIN

- Engine 3.5L PFDi V6 Includes port injection and E-85 Flex-Fuel Capable capability.
- Transmission 10-Speed Automatic Overdrive with SelectShift

FUNCTIONAL

- Alternator – 250 amp (3.5L PFDi V6 and 3.5L EcoBoost® V6 engines only)
- Horn – Single-note
- Air Conditioning Front only
- Antenna – Fender Mounted
- AM/FM stereo, Bluetooth, Dual USB ports and a 4.0" multifunction display (Audio Pack #18)
- Single Battery – 70 amp-hr (3.5L PFDi V6 engine only)
- Single AGM Battery – 70 amp-hr (3.5L EcoBoost® V6 engine only)
- Brakes – 4-wheel Anti-lock Disc Brakes
- Parking Brake
- FordPass™ Connect / Telematics Modem
- Instrumentation Tachometer, Fuel Level and Coolant Temperature
- PowerPoint – 12V One is located in the instrument panel and one in center console.
- Electric Power Assisted Steering (EPAS)
- Steering Wheel – Power Rack and Pinion
- Steering Wheel – Tilt and Telescoping
- Front – Independent MacPhersonstrut, Stabilizer Bar
- Rear – Leaf Springs, Heavy-duty Gas Shock Absorbers

EXTERIOR

- Body Side Moldings – Carbon Black
- Front Bumper – Carbon Black, Body Colored with Lower Valance
- Rear Bumper – Carbon Black, without Integral Step
- 50/50 Hinged Rear Door, 180-degree Opening (Regular Length)
- Sliding Passenger-side Door
- Halogen Headlamps
- Headlamp Courtesy Delay
- Center High Mount Stop Lamp (CHMSL)
- Taillamps
- Auxiliary Fuel Port
- Fuel Tank – Capless Fuel Fill, 25 U.S. gallons (midship)
- Honeycomb Mesh Grille with Carbon Black Surround
- Mirrors, Short-Arm, Power Adjusting, Manual-Folding
- Tires – 235/65R16C 121/119 R BSW allseason
- Rear Tow Hook
- Wheels – 16" Silver Steel Wheel with Black Hubcap (Standard Front Axle configurations only)
- 16" Silver Steel Wheel with Exposed Lug Nuts (Heavy-Duty Front Axle configurations only)
- Full-size Spare Tire and Wheel
- No Cargo Area Windows
- High-Strength Laminated Glass (Sliding Doors)

INTERIOR

- Step Well Pads – Black
 - Medium Center Console
- Note: Includes an integrated shifter and a dual cup holder
- Glove Box – Locking

- Rear Cargo Door – Interior Exit Handle
- Rear Cargo Door – Locking
- Power Equipment Group (Power Locks and Windows) with Remote Keyless-Entry
- Floor Covering Vinyl, Front only
- Rearview Mirror Delete (When Equipped Without Rear Glass)
- Front Dome Lamp with Map Lights and Theater Dimming
- Partial Rear Compartment Lighting (2 LED lights located in C-pillar)
- Accessory Delay – 30 minutes
- Front Overhead Shelf Delete
- A-Pillar Assist Handles (Driver and Passenger-side)
- B-Pillar Assist Handle (Passenger-side)
- D-Pillar Weld Nuts
- Headliner – Cloth, Front only
- Seating – Front Driver and Front-passenger Manual Reclining Bucket Seats with Adjustable Headrest (Includes driver-side and passenger-side inboard armrest)
- Sunvisors

SAFETY/SECURITY

- Autolocking Drive Away with Crash Unlocking. Not available with Manual Locks.
 - AdvanceTrac® w/Roll Stability Control™ (RSC®)
 - Safety Belts – 3-point, All Positions
- Note: Belt minder is included on the driver and front passenger seat(s).
- SecuriLock® Passive Anti-Theft System (PATS) with engine immobilizer
 - Tire Pressure Monitoring System (TPMS). Standard on SRW and DRW configurations.
 - Driver and Passenger Airbags
 - Passenger-side Airbag Cut-off Switch. Not available with Passenger Seat Delete (21J and 21K) or Right Hand Door Delete (60X) configurations
 - Safety Canopy® Side-curtain Airbags

CO-PILOT350 TECHNOLOGY

- Forward Collision Warning
 - Hill Start Assist
 - Pre-Collision Assist with Automatic Emergency Braking
- Note: If a potential collision is detected, a warning flashes and an alert sounds, and if the driver's response is not sufficient, the system can automatically apply the brakes to help minimize a frontal collision.
- Lane-Keeping System
- Note: Includes Lane-Keeping Alert and Driver Alert. This feature can alert the driver, during day or night, if their vehicle is unintentionally leaving its intended lane.
- Auto High-Beam Headlamps
 - Rear View Camera with Trailer Hitch Assist.
- Note: Camera will be high-mount for Medium Roof and High Roof.
- Automatic Rain-Sensing Windshield Wipers

Option Included in Base Price: Front and Rear Vinyl Floor Covering (16E) and Rear Step Bumper (43E)

Base Prices Low Roof (83.6")

[] Transit 250 (R1Y/101A/43E) 130" Regular Wheelbase	\$24,990.00
[] Transit 250 (R2Y/101A/43E) 130" Regular Wheelbase All-Wheel Drive	\$29,110.00
[] Transit 250 (R1Y/101A/43E) 148" Long Wheelbase (V.2)	\$26,109.00
[] Transit 250 (R2Y/101A/43E) 148" Long Wheelbase All-Wheel Drive	\$30,229.00

Base Prices Medium Roof (100.8")

[] Transit 250 (R1C/101A/43E) 130" Regular Wheelbase	\$28,199.00
[] Transit 250 (R2C/101A/43E) 130" Regular Wheelbase All-Wheel Drive	\$32,319.00
[] Transit 250 (R1C/101A/43E) 148" Long Wheelbase (V.2)	\$29,318.00
[] Transit 250 (R2C/101A/43E) 148" Long Wheelbase All-Wheel Drive	\$33,474.00

Base Prices High Roof (110.1")/EL (109.4")

[] Transit 250 (R1X/101A) 148" Long Wheelbase	\$31,207.00
[] Transit 250 (R2X/101A) 148" Long Wheelbase All-Wheel Drive	\$35,328.00
[] Transit 250 EL (R3X/101A) 148" Extended Length	\$32,276.00
[x] Transit 250 EL (R3U/101A) 148" Extended Length All-Wheel Drive	\$36,395.00

Available Options

	<u>Code</u>	<u>Price</u>
[] 3.5L EcoBoost V-6 Engine	99G/44U	1775.00
[x] Vehicle Maintenance Monitor	61C	45.00
[x] Heater, Engine Block	41H	75.00
[] Axle, Limited Slip	X_L	325.00
[] Dual Batteries 70 amp-hr (ea)	63E	295.00
[] Dual Batteries 70 amp-hr (ea) and Dual Alternators 250 Amps (ea)	63E/63C	845.00
<u>(Available only with 3.5L Eco Boost Engine)</u>		
[] Seats Cloth, 2-way manual driver and Passenger Seats	21L/21M	115.00
[] Seats Cloth 10-way power driver and Passenger Seats	21Q/21R	385.00
[] Heavy Duty Front Axle (Standard on All-Wheel Drive)	41E	315.00
[] Perimeter Anti-Theft Alarm	59D	155.00
[] Front Fog Lamps	55D	105.00
[] Daytime Running Lights	942	45.00
[] License Plate Bracket Front	153	N/C
[x] Short Arm Manual Folding Power Heated with Turn Signals	545	160.00
[] Long Arm Non Telescoping Mirrors-Power	543	65.00
[] Long Arm Non Telescoping Mirrors-Power Heated with Turn Signals	544	220.00
[] Trailer Tow Package-Heavy Duty	53B	485.00
[x] Integrated Trailer Brake Controller (<u>Inc. Trailer Tow Pkg. & Cruise</u>)	67D/53B/60C	1215.00
[x] Back Up Alarm	43B	125.00
[] Keyless-Entry Pad	52C	95.00
[x] Remote Start.	68B	495.00
[] Smokers Package (Cigarette Lighter and Ash Cup	66B	40.00
[x] 50/50 Hinged Rear Door 253-degree Opening (<u>148" Wheelbase</u>)	18P	75.00
[] 60/40 Hinged Passenger Side Door (<u>Low Roof Only</u>)	59A	N/C
[] Glass, Fixed Rear-Door	17A	75.00
[] Glass, Fixed Passenger Side/Fixed Rear-Door	17B	250.00
[] Glass, Fixed Rear-Door with Fixed Driver and Passenger Side Door Glass (<u>Med Roof & Dual Sliding Doors Only</u>) Privacy Glass)	17D	380.00
[] Windows-All-Around, fixed	17F	450.00
[] Rear Window Defogger (Requires any Window Package)	57N	175.00

<input type="checkbox"/>	Air Conditioning Front/Rear (Driver controlled).	57G	860.00
<input type="checkbox"/>	AM/FM Stereo, Bluetooth, Dual USB Ports, SYNC3, and a 4.0 inch Multi-Function display	58V	280.00
<input type="checkbox"/>	AM/FM Stereo, HD/SiriusXM capability, Bluetooth, Dual USB Ports, SYNC3, and a 4.0 inch Multi-Function display	58W	520.00
<input type="checkbox"/>	AM/FM Stereo, Bluetooth, Dual USB Ports, SYNC3, and a 8.0 inch colored Multi-Function touch screen	58X	410.00
<input type="checkbox"/>	AM/FM Stereo, HD/SiriusXM capability, Bluetooth, Dual USB Ports, SYNC3, and a 8.0 inch colored Multi-Function touch screen	58Y	650.00
<input type="checkbox"/>	Cruise Control	60C	325.00
<input type="checkbox"/>	Dual-Note Horn	85D	20.00
<input type="checkbox"/>	Heavy Duty Cargo Flooring and Heavy Duty Scuff Plate Kit	60B	850.00
(Not Available w/Rear Air Conditioning)			
<input checked="" type="checkbox"/>	Upfitter Package (High Capacity Upfitter Switches, Large Center Console, Auxiliary Fuse Panel with High Spec Interface Connector, Dual AGM Batteries (63E), and Modified Vehicle Wiring System (53K))	67C	610.00
<input checked="" type="checkbox"/>	Load Area Protection Package (Full Height Polypropylene Cargo area panels)	96D	575.00
<input checked="" type="checkbox"/>	Exterior Upgrade Package (Chrome-trimmed, Halogen Headlamps with Autolamp, Three Bar Grill with Chrome Surround, and 16" Heavy Duty Silver Steel Wheel with Exposed Lug Nuts)	181L	275.00
<input checked="" type="checkbox"/>	Interior Upgrade Package (Cruise control, Vinyl Sunvisor with Illuminated Vanity Mirror, Cloth driver and passenger Seats (211/21M), And Full Height Polypropylene Cargo area panels.)	96C	1435.00
<input type="checkbox"/>	Vinyl Sun Visors with Illuminated Vanity Mirror	85C	75.00
<input checked="" type="checkbox"/>	(2) Additional Keys w/FOBS	86F	75.00
<input checked="" type="checkbox"/>	Power Outlet 110V/400W (Cannot be combined w/110V/150W)	90D	475.00
<input checked="" type="checkbox"/>	Power Point – 12V rear	87A	15.00
<input checked="" type="checkbox"/>	Reverse Sensing System	43R	295.00
<input checked="" type="checkbox"/>	Side Sensing System (Includes Reverse Sensing and Fog Lamps)	94A	475.00

Colors for Transit 250 Van

<u>Solid</u> <u>Exterior Colors</u>	<u>Interior Colors</u>	
	<u>Pewter (VK/CK)</u>	<u>Charcoal (CB)</u>
School Bus Yellow Metallic	[BY] []	[]
Race Red	[PQ] []	[]
Oxford White	[YZ] []	[x]
Extra Cost Metallic Paint (add \$200.00)		
Agate Black	[UM] []	[]
Ingot Silver	[UX] []	[]
Stone Gray	[D1] []	[]
Blue Jeans	[N1] []	[]
Carbonized Gray	[M7] []	[]
Avalanche Gray	[DR] []	[]
Abyss Gray	[ME] []	[]
Diffused Silver	[FK] []	[]
Kapoor Red	[AW] []	[]

36,395• +
 45• +
 75• +
 160• +
 1,215• +
 125• +
 495• +
 75• +
 610• +
 575• +
 275• +
 1,435• +
 75• +
 475• +
 15• +
 295• +
 475• +
 =

TRUCK & TRAILER Specialties, Inc.

900 Grand Oaks Drive | Howell, MI 48843 | www.ttspec.com | ph: (517) 552-3855 | fx: (517) 552-3666

April 12, 2021

City of Berkley
3238 Bacon Avenue, Berkley, MI 48072
Attn: Shawn Young, phone: (248) 658-3490
HQ0002642

Equipment Quotation

The following pricing will be based on City of Rochester Hills RFP-RH-20-023 contract awarded September 2020

Chassis information:

2021 Ford Transit 250 EL High Roof (109.4") Cargo Van, 148" extended length, AWD, upfitter switches, factory rearview camera & integrated trailer brake controller, dual AGM battery with a single alternator, including vinyl floor in front cab, rear step bumper. Regarding the VMAC air compressor: For Transit vans equipped with an electronic parking brake, order code A608 is required (high specification interface connector).

Install Weather Guard Van Storage including the following:

Bulkhead Items:

One (1) bulkhead transit high roof steel mesh, deep offset (mo. 96322-3-01D)

One (1) hinge kit (mo. 96901-3-01)

Driver-side items:

One (1) adjustable 4-shelf unit, 52" x 13-1/2" x 60" (mo. 9375-3-03)

One (1) shelf door, 52" (mo. 9505-3-01)

Two (2) accessory back panels, 52" (mo. 9605-3-01)

One (1) medium 6-bin set, 13" (mo. 9859-7-01)

One (1) adjustable 4-shelf unit, 60" x 13-1/2" x 60" (mo. 9376-3-03)

Two (2) accessory back panels, 60" (mo. 9606-3-01)

One (1) small 6-bin set, 13" (mo. 9858-7-01)

One (1) wire spool holder, end-mount (mo. 9882-7-01)

Passenger-side items:

One (1) secure storage shelf unit 42" x 16" x 60" (mo. 9391-3-03)

One (1) 5-drawer secure storage module 42" x 17" x 16" (mo. 9045-3-02)

One (1) shelf door 42" (mo. 9504-3-01)

One (1) accessory back panel 42" (mo. 9604-3-01)

One (1) literature holder 6-compartment (mo. 9880-3-01)

One (1) 3-hook, cord or tool holder (mo. 9893-7-01)

One (1) can organizer for three (3) cans (mo. 9874-7-01)

Accessory Items:

One (1) van shelf mounting kit (mo. 975104-3-01)

One (1) sliding ladder rack, mounted inside van (mo. 250)

Install Jotto Desk Mobile Computer Mount including the following:

Jotto Laptop Mount (mo. 425-5626/5215)

Mobile laptop mount between front seats

Install Custom Lighting & Electrical including the following:

Chassis switches to operate warning & work lighting

Six (6) SoundOff mPower (mo. EMPC2SMS4) amber/green flashers mounted:

TRUCK & TRAILER Specialties, Inc.

900 Grand Oaks Drive | Howell, MI 48843 | www.ttspec.com | ph: (517) 552-3855 | fx: (517) 552-3666

Two (2) in chassis grille

Four (4) at rear of van with one (1) on each pillar and two (2) at top frame above doors

Two (2) SoundOff Pinnacle (mo. EPL7PDPC) amber/green mini lightbars, one towards front of van and a second one mounted above rear brake light on riser

One (1) Whelen (mo. TACF-85) and in-cab control mounted above rear brake light

Two (2) Maxxima (mo. MWL-61) 5000-lumen rotational LED scene work lights mounted, one on each side

Two (2) 4" LED work lights mounted at rear and on sides

Two (2) Maxxima LED strip lighting (mo. MSLS-4569) mounted to ceiling in cargo area

Backup alarm

Install 3000-watt Pure Sine Power Inverter including the following:

Sensata (mo. 12/3000N)

Absorbent Glass Mat (AGM) technology

Mount inverter on shelf

2 GFI outlets wire direct to inverter, one in the front of compartments and one towards the rear

Includes 2nd battery mounted in cage with compressor and wired to Van battery with 250-amp fuse and single battery box

Install Underhood Air Compressor System including the following:

VMAC VR Lite VR40 (mo. V400019) 3.5L Gas, Ford Transit

Max 40 CFM, Max 150 PSI

Belt-driven rotary screw air compressor

Multi-groove electric clutch and compressor

Remote liquid-to-liquid heat exchanger

Variable speed control

6-gallon air receiver tank (mo. A300045) mounted under bottom shelf, passenger-side

Filter regulator lubricator (mo. A700151)

Install Miscellaneous items including the following:

One (1) Reelcraft air hose reel 3/8" I.D. and 100' hose w/bulb stop (mo. 81100 OLP) & one (1) Reelcraft air hose reel 3/4" I.D. and 50' hose w/bulb stop (mo. 83050 OLP) spring return premium-duty reel with roller

fairlead, mounted on floor near passenger-side sliding door, one on left side, one on right side

Four (4) conduit tubes for T-handle tools, mounted along shelves inside van area varying 3' to 6' long

Aluminum fabricated cover over rear heater in van storage area

Install WeatherTech Floor Liners, Black (mo. TBD for 2021 model year)

Install Rhino Lining bed liner protectant in cargo area floor of van

Above installed equipment pricing:

\$27,450.00 ea.

BUILDOUT + ACC.

Payment Terms: Net 30. Pricing effective for 45 days.

FOB: City of Berkley

Delivery: 120-180 days ARO

Thank you for the opportunity to quote.

Respectfully submitted by,

Jon Luea/Brian Bouwman

June 21, 2021 City Council Meeting

Moved by Councilmember _____ and seconded by Councilmember _____ to appoint the Public Works Director, Derrick Schueller, as the City of Berkley's representative and City Manager, Matthew Baumgarten as the alternate representative to the Southeastern Oakland County Resource Recovery Authority (SOCRRA) Board of Trustees for the fiscal year beginning July 1, 2021; and instruct the City Clerk to send a copy of this motion to the SOCRRA Board.

Ayes:

Nays:

I, Victoria Mitchell, being duly appointed City Clerk of the City of Berkley; hereby certify that this is a true and correct copy of **Motion No. M-36-21**, which was approved by the Berkley City Council at its regular meeting held on **Monday, June 21, 2021**.

Victoria Mitchell, City Clerk

June 21, 2021 City Council Meeting

Moved by Councilmember _____ and seconded by Councilmember _____ to appoint the Public Works Director, Derrick Schueller, as the City of Berkley's representative and City Manager, Matthew Baumgarten as the alternate representative to the Southeastern Oakland County Water Authority (SOCWA) Board of Trustees for the fiscal year beginning July 1, 2021; and instruct the City Clerk to send a copy of this motion to the SOCWA Board.

Ayes:

Nays:

I, Victoria Mitchell, being duly appointed City Clerk of the City of Berkley; hereby certify that this is a true and correct copy of **Motion No. M-37-21**, which was approved by the Berkley City Council at its regular meeting held on **Monday, June 21, 2021**.

Victoria Mitchell, City Clerk

June 21, 2021 City Council Meeting

Moved by Councilmember _____ and seconded by Councilmember _____ to appoint the Chief Innovation Officer, Stan Lisica, as the City of Berkley's representative and City Manager, Matthew Baumgarten as the alternate representative to the Intergovernmental Cable Communications Authority (ICCA) Board for the fiscal year beginning July 1, 2021; and instruct the City Clerk to send a copy of this motion to the ICCA Board.

Ayes:

Nays:

I, Victoria Mitchell, being duly appointed City Clerk of the City of Berkley; hereby certify that this is a true and correct copy of **Motion No. M-38-21**, which was approved by the Berkley City Council at its regular meeting held on **Monday, June 21, 2021**.

Victoria Mitchell, City Clerk

June 21, 2021 City Council Meeting

Moved by Councilmember _____ and seconded by Councilmember _____ to appoint the Community Engagement Officer, Torri Mathes, as the City of Berkley's representative to the Community Media Network Public Access TV (CMNtv) Board of Trustees for the fiscal year beginning July 1, 2021; and to instruct the City Clerk to send a copy of this motion to the CMNtv Board.

Ayes:

Nays:

I, Victoria Mitchell, being duly appointed City Clerk of the City of Berkley; hereby certify that this is a true and correct copy of **Motion No. M-39-21**, which was approved by the Berkley City Council at its regular meeting held on **Monday, June 21, 2021**.

Victoria Mitchell, City Clerk

A RESOLUTION
of the Thirty-eighth Council of the City of Berkley, Michigan
to Approve the Consent Judgment in Settlement of the Lawsuit, Giarmarco v Berkley, Oakland
County Circuit Court Case No. 2021-187187-AA

- WHEREAS,** A Consent Agreement was presented to City Council regarding a Zoning Ordinance Determination; and
- WHEREAS,** The presented Consent Agreement between Sara Giarmarco and John Giarmarco (Plaintiffs-Appellants) v City of Berkley (Defendant-Appellee) will be filed in Oakland County Circuit Court; and
- WHEREAS,** The parties acknowledge that this Consent Judgment is executed as part of a compromise of disputed claims for the purpose of avoiding the uncertainties and costs of litigation, and shall not ever be construed as an admission of liability or error on the part of either party; and
- WHEREAS,** The appeal is hereby dismissed with prejudice and without costs to either party and that this Order resolves the last pending claim and closes the case; and
- WHEREAS,** Upon City Council's approval of the Consent Judgment, the City Attorney will be authorized to sign the agreement on the City's behalf.

NOW, THEREFORE, THE CITY OF BERKLEY RESOLVES:

To approve the Consent Judgement in Settlement of the Lawsuit, Giarmarco v Berkley, Oakland County Circuit Court Case No. 2021-187187-AA.

Introduced and Passed at a Regular City Council Meeting on Monday, June 21, 2021.

Daniel J. Terbrack, Mayor

Attest:

Victoria Mitchell, City Clerk

STATE OF MICHIGAN

IN THE CIRCUIT COURT FOR THE COUNTY OF OAKLAND

**SARA GIARMARCO and
JOHN GIARMARCO,**

Case No. 21-187187-AA

Plaintiffs-Appellants,

Berkley PBA No. 02-21

v.

Hon. Phyllis C. McMillen

CITY OF BERKLEY,

Defendant-Appellee.

Geoffrey S. Wagner (P70839)
GIARMARCO, MULLINS & HORTON, P.C.
Attorney for Plaintiffs-Appellants
101 W. Big Beaver Road
Tenth Floor Columbia Center
Troy, MI 48084
(248) 457-7000
gwagner@gmhlaw.com

John D. Staran (P35649)
HAFELI, STARAN & CRIST, P.C.
Attorneys for Defendant-Appellee
2055 Orchard Lake Rd.
Sylvan Lake, MI 48320
(248) 731-3088
jstaran@hsc-law.com

**CONSENT JUDGMENT REGARDING
ZONING ORDINANCE DETERMINATION**

At a session of said Court, held in the City of
Pontiac, County of Oakland, State of Michigan
on _____.

PRESENT: Hon. _____
Circuit Court Judge

This matter having come before the Court upon the filing of Plaintiffs-Appellants' Claim of Appeal from Zoning Ordinance Determination Pursuant to MCR 7.122; and the Court being fully advised in the premises:

IT IS HEREBY ORDERED that:

1. The variance requested by Plaintiffs-Appellants in Berkley PBA No. 02-21 (i.e., to install a generator in the “side yard” of 2650 Ellwood Ave., Berkley MI 48072, Parcel ID #25-18-152-036) is GRANTED, subject to the following conditions:
 - a. Any/All testing of the generator shall take place on Monday through Friday, between the hours of 9:00 a.m. and 6:00 p.m.; and
 - b. The generator shall be screened from view on at least three (3) sides; the parties recognize and agree that the existing fencing at the Subject Property satisfies this condition.
2. If Plaintiffs-Appellants comply with the two (2) conditions set forth *supra* in ¶ 1, then Defendant will not enforce the “Division 1.5 Exterior Appliance” Ordinance against them, or otherwise interfere with Plaintiffs-Appellants’ right to use/install a generator in the “side yard” of the Subject Property. Plaintiffs-Appellants will remain subject to all other applicable laws, ordinances, codes, and regulations governing installation and use of electrical generators.
3. The parties acknowledge that this Consent Judgment is executed as part of a compromise of disputed claims for the purpose of avoiding the uncertainties and costs of litigation, and shall not ever be construed as an admission of liability or error on the part of either party.
4. The March 8, 2021 decision of the Berkley Zoning Board of Appeals denying the requested variance is hereby set aside, superseded, and replaced by this Consent Judgment.

5. Finally, the instant zoning appeal is hereby dismissed with prejudice and without costs to either party. This Order resolves the last pending claim and closes the case.

IT IS SO ORDERED.

Circuit Court Judge

Approved for entry by:

By: _____
Geoffrey S. Wagner (70839)
Attorney for Plaintiffs

By: _____
John D. Staran (P35649)
Attorney for Defendant

June 21, 2021 City Council Meeting

Moved by Councilmember _____ and seconded by Councilmember _____ to authorize the City Manager to sign the Application for Additional Service Credit Purchase for Shawn Young approving two years of additional service credit. This service credit purchase is allowed by the City of Berkley MERIT System of Human Resource Management Section 1001.08 and meets all of the requirements of the MERS Plan Document which would allow for this service credit purchase.

Ayes:

Nays:

Motion:

City of Berkley-Finance Department

Memorandum

To: Matt Baumgarten, City Manager
From: Mark Pollock, Finance Director
Date: June 21, 2021
Subject: Application for Additional Service Purchase Credit

Attached is the MERS estimate for additional purchase of service time for Shawn Young. The current estimate from MERS is \$56,970, of which the employee will pay \$9,135 and the City would pay the balance of \$47,835. Although this seems like a high cost, the reality is that we would pay slightly more to MERS over two years of her continuing to work than this lump sum amount. This is because the calculation utilizes a formula that approximates the net present value of the service cost which is lower than the future cost over time.

This purchase is allowed under the MERIT Agreement. Feel free to call or e-mail me if you have any questions.

CITY OF BERKLEY
MERIT SYSTEM OF HUMAN RESOURCE MANAGEMENT

- 1001.03 Membership of an employee in the retirement system shall commence as of the first day of paid employment, or at such other time as the employee meets the monthly work time criteria on a regularly scheduled basis.
- 1001.04 The terms and conditions of participation in the (MERS) retirement system, and qualification to receive benefits there under, shall be subject to the provisions of the act, and to the rules, procedures, and decisions of the retirement board, established pursuant to the act to manage, administer, and operate the MERS retirement system. An employee may not use the grievance procedure contained in this Merit System to settle any dispute regarding any matter which is the responsibility of the retirement board under the act.
- 1001.05 The benefit program for all eligible Merit System employees who retire on or after January 1, 1992 shall be Plan B-4, with termination of membership vesting Benefit Program V6.^(R-78-91) An employee meeting the following criteria for years of credited service and age shall be eligible to retire with unreduced benefits: ^(R-23-01)
- a. Six (6) years of credited service and sixty (60) years of age.
 - b. Fifteen (15) years of credited service and fifty-five (55) years of age.
 - c. Twenty-five (25) years of credited service at any age.^(R-23-01)
 - d. Regardless of hire date, the components of Final Average Compensation shall be those items outlined in the Municipal Employees' retirement system of Michigan Plan Document.
- 1001.07 All full time employees hired on or after July 1, 2008, will be eligible for a B-3 with 55/25 and age 60 with 10 years of service. Final Average Compensation will be FAC-3.
- 1001.08 As provided in, and subject to, the provisions of the MERS Plan Document, an employee may receive additional length of service credit for retirement purposes for service in the employ of certain governmental units other than the City of Berkley, and full time previous City of Berkley service not currently credited.^{R-37-00} subject to the following additional provisions: ^{R-72-99}
- a. At the time of requesting the additional service credit, the employee meets the eligibility requirements as described in the MERS Plan Document for the vesting benefits. ^{R-72-99}
 - b. The city will pay a portion of the cost for not more than twenty-four (24) months of service to be credited according to Section 1001.05 (b). The employee shall pay to MERS an amount determined as follows:

Employee payment to MERS = $\frac{\text{MERS reportable wages for prior 12 months}}{12} \times .05 \times \text{Number of months to be credited}$

CITY OF BERKLEY
MERIT SYSTEM OF HUMAN RESOURCE MANAGEMENT

- c. The city shall be responsible for the portion of the total cost not paid by the employee. The employee shall be responsible for the entire cost of any additional service greater than 24 months that the employee may wish, and be eligible, to add to the service credit pursuant to the MERS Plan Document. R-72-99
- d. The city will be responsible for one required valuation of cost per eligible employee to add additional service credit. The employee shall be responsible for any additional valuations that may be required when less than all eligible prior service is added at any given time. R-72-99

1002 LONGEVITY AT RETIREMENT

An employee whose application for regular or disability retirement has been approved by the Municipal Employees Retirement System, and who separates from city employment for the purpose of receiving said retirement in the next following month, shall at the time of separation be entitled to receive a prorated longevity payment based upon the number of days from the most recent November 30th to the last day of employment.

1003 HEALTH AND WELFARE BENEFITS FOR RETIREES

Full time employees hired prior to July 1, 20055, who is retired from city employment, who has applied for, and not been denied, or who is receiving, regular retirement or disability payments pursuant to the provisions of the Municipal Employees Retirement System, shall be eligible to receive hospitalization insurance coverage while said retirement payments continue to be paid to the employee or the employee's surviving spouse. This insurance coverage shall be:

- a. The same, unless unavailable from the insurance carrier, as that provided at the time to non-retired Merit System employees, excluding benefits under Medicare or similar plan available pursuant to Federal and State legislation;
- b. Paid for by the city on behalf of the former employee and/or spouse who shall be responsible for payment, when required by the city, for any coverage for their eligible dependents.
- c. Terminated if the city is unable to correspond with the employee for lack of a current mailing address, or the employee fails to meet the financial obligation to the city under this program.
- d. Replaced with a PPO form of coverage as described in Section 901.02, when traditional coverage is unavailable due to the age or place of residence of the retiree.

Application for Additional Service Credit Purchase

Section 1: Service Credit Purchase Cost Estimate

With the approval of the employer and the local governing body, participants can purchase additional service credit to help meet an early retirement eligibility provision or to increase their pension benefit. Unlike MERS-to-MERS or Act 88 time, purchased service credit generally cannot be used to reach vesting.

This estimate is only valid for two months after June 1, 2021, the effective date of this calculation.

The cost to purchase service credit for each individual is based on many factors. Below is the information that MERS used to prepare this estimate. Please review the following information for accuracy. If any is incorrect, this estimate may not be correct.

Participant Information

Shawn P. Young

Date of Birth:

Age:

Spouse's Date of Birth:

FAC as of calculation date:

Employer Information

Berkley, City of

6304 / 01

Benefit Program

Benefit B-4 (80% max)

Benefit F55 (With 15 Years of Service)

Early Reduced (.5%) at Age 50 with 25 Years or Age 55 with 15 Years

Benefit FAC-3 (3 Year Final Average Compensation)

6 Year Vesting

25 Years & Out

Defined Benefit Normal Retirement Age - 60

Service Credit

Earned service credit as of calculation date: 18 years, 9 months

Vesting Only Service:

Other Governmental Service used for

Eligibility (MERS or Act 88):

Type of Credited Service to be Purchased: Generic

Amount of additional service requested: 2 years, 0 months

Benefit Impact

	Earliest Eligibility Retirement Date	Retirement Age	Projected FAC	X	Service Credit	X	Benefit Multiplier	=	Annual Benefit
Before Proposed Purchase	8/1/2026	51 years 4 months	\$106,431.49		23 years 11 months		2.5%		\$63,637.20
After Proposed Purchase	8/1/2024	49 years 4 months	\$100,321.89		23 years 11 months		2.5%		\$59,984.16

Estimated Cost of This Service Credit Purchase: \$56,970.00

The total cost is due in full at the time of purchase and may be paid by either the participant or employer. You may be eligible to transfer assets from other accounts to make a payment for the purchase, such as: 457 Deferred Compensation Plans; 401 plans; 403(b) plans; and some IRAs (traditional and SIMPLE). To initiate this transfer complete the form *Certification of Qualified Fund Rollover to MERS* (form number F-38). Send signed, approved Application for Additional Service Credit to MERS prior to sending any payment.

Section 2: Calculation Assumptions

1. Projected Earliest Eligible Retirement Date

This date is calculated using the participant's date of birth, the amount of service credit reported by the employer, and other service credit that we have on record (such as MERS-to-MERS or Act 88 time). If any of this data is incomplete or inaccurate this can affect the cost estimate. If the participant chooses to retire on a different date, it may increase/decrease the actual cost.

2. Projected Final Average Compensation (FAC)

Future increases in the FAC are assumed to be a 3.00% annual increase. This calculation is dependent on the wages reported by the employer to MERS. If the actual increases end up being different than the assumption, it may increase/decrease the actual cost.

3. Projected Service Credit

It is assumed the participant will continue to work until the earliest date for unreduced retirement benefits unless a specific termination date is shown. Any deviation from the earliest eligibility date may increase/decrease the actual cost.

4. Benefit Program

The current benefit plan provisions are used to calculate the cost of purchasing service credit. If the participant transfers into a different division and is eligible for a benefit plan with different provisions, then the cost may differ from the initial calculation. Likewise costs may differ if the municipality adopts different benefits in the future for any participant that has purchased service credit. These changes will be reflected in the actuarial valuation required to adopt any benefit increase.

5. Investment Assumption

The current investment return assumption for service credit purchase is 6.35%.

6. Mortality Rate

Assumptions are made on the life expectancies of the participant and their surviving spouse, using tables generated by actuarial professionals.

Section 3: Certification and Authorization

PARTICIPANT CERTIFICATION

I certify the above information is correct and accurate. If this is a purchase of qualifying "other governmental" service, I certify the service has not and will not be recognized for the purposes of obtaining or increasing a pension under another defined benefit retirement plan.

Participant Signature

Date

GOVERNING BODY RESOLUTION

By Resolution of Its Governing Body, at its meeting on _____, as provided by the MERS Plan Document, and in accordance with the employer's policy, the employer hereby authorizes the participant named above to make a service credit purchase from MERS as described above. The employer understands this is an estimated cost, calculated using actuarial assumptions approved by the Retirement Board. Any difference between the assumptions and actuarial experience will affect the true cost of the additional service to the employer. The calculation assumptions are outlined above and the employer understands and agrees it is accountable for any difference between estimated and actual costs.

Signature of Authorized Official

Date

Title

MERS Use Only

Payment Received:	Participant Payment:
Service Credit:	ER Payment:
Signed:	

June 21, 2021 City Council Meeting

Moved by Councilmember _____ and seconded by Councilmember
_____ to authorize the amendment of the 2020-2021 Budget as presented.

Ayes:

Nays:

Motion:

City of Berkley

Finance Department

To: Matt Baumgarten, City Manager

From: Mark Pollock, Finance Director

Subject: Budget Amendments

Date: June 16, 2021

Attached are the proposed Budget Amendments for the fiscal year ending 6/30/2021 for City Council approval. This fourth and final round of budget amendments are for the amendments needed at the of the fiscal year. As with the past budget amendments, each fund shows the impact of the proposed new amendments on the final estimated fund balance.

These amendments would decrease the annual general fund deficit from (\$1,838,972) to (\$1,720,142). The net additions to amended revenue total \$95,300. The expenditure side has many amendments proposed. The largest amendment on the expenditure side is for the increase in the dispatch lobby project. As with the previous amendments, many are directly due to COVID-19 and the shut downs that occurred in every City building. In total, the expenditures are budgeted to decrease \$23,530. The net decrease in budget deficit is \$118,830.

As the spreadsheet shows, our General Fund reserve balance would end the year at \$4,740,830, if revenue and expenditure amounts match their amended amounts.

The other fund budget amendments show that we would end the year with a surplus in our Major Street Fund ending the year at \$2,126,463. Our Local Street Fund would have a decrease in our estimated deficit of \$750 for an estimated annual deficit of \$317,533. This would leave our year-end fund balance in Local Streets of \$694,669.

Our proposed amendments to the Water & Sewer Fund have large projects amended out of this fiscal year and they will be rolled into the 2021-2022 budget in August 2021. These amendments would decrease the annual budget deficit to (\$861,999). The estimated Retained Earnings at 6/30/2021 in Water & Sewer would be \$16,820,615.

For our Recreation Revolving Fund we continue to have many uncertainties due to COVID-19, but Theresa gave me some estimated revenues from partial Summer Camp and other activities that were allowed to resume on a smaller scale. Although we did not adjust all of the programs to zero, most of the smaller programs will net to zero, so we left them in the budget without amending them. The grant for \$180,000 will not be received prior to June 30th, but will eventually be received. We will be able to submit for lost revenues as a part of our ARP Federal funds, so we will be able to offset many of the lost

programs. The estimated fund balance deficit would be \$994,905. This would leave a deficit fund balance, but we will adjust the transfer from the General Fund to make sure the Recreation Revolving Fund does not end in a deficit fund balance.

On the spreadsheet, each fund has the summary of fund balance impact on the bottom of each fund's proposed budget amendments. I recommend that City Council approve all of these budget amendments as presented.

Budget Amendments June 2021

FUND 101-GENERAL FUND		Jun-21	2020-2021		(Increase)/Decrease	2020-2021
Department	Account Name	Original Budget	Reason For Amendment	Amendment Amt	Amended Budget	
Revenues						
101-001-477-000	LANDLORD LICENSES	\$ 100,100	Additional Licenses and Inspections	\$ (29,900)	\$ 130,000	
101-001-481-000	PLUMBING PERMITS	\$ 93,000	COVID-19 Decrease in Inspections	\$ 30,000	\$ 63,000	
101-001-528-000	OTHER FEDERAL GRANTS	\$ 820,000	Additional Federal Grants through State/County	\$ (37,000)	\$ 857,000	
101-001-573-000	LOCAL COMMUNITY STABILIZATION SHARE-PPT	\$ 40,600	Additional Pers Prop Reimbursed	\$ (13,400)	\$ 54,000	
101-001-669-000	EQUIPMENT RENTAL	\$ 228,000	Additional DPW Usage of Equipment	\$ (22,000)	\$ 250,000	
101-001-670-040	ELECTION REIMBURSEMENT	\$ -	Election Reimbursement State	\$ (5,000)	\$ 5,000	
101-001-675-102	K9 PROGRAM DONATIONS	\$ 30,000	Additional Donations	\$ (28,000)	\$ 58,000	
101-001-675-104	GOLF OUTING DONATIONS	\$ 25,000	Reduced Donations Due to COVID-19	\$ 10,000	\$ 15,000	
Net Revenue Increased Budget				\$ (95,300)		

Department	Account Name	2020-2021 Original Budget	Description	Increase/(Decrease) Amendment Amt	2020-2021 Amended Budget
Dept 172 - CITY MANAGER					
101-172-704-000	FULL TIME EMPLOYEES	\$ 149,023	Additional FT Wages not Budgeted	\$ 4,977	\$ 154,000
101-172-715-000	FICA	\$ 11,400	Additional Due to FT Increase	\$ 500	\$ 11,900
Dept 191 - ELECTIONS/CITY CLERK					
101-191-712-000	IN LIEU	\$ 9,115	In Lieu Moved to Active Pers Budget 101-952	\$ (9,115)	\$ -
Dept 201 - FINANCE/PERSONNEL					
101-201-712-000	IN LIEU	\$ 9,115	In Lieu Moved to Active Pers Budget 101-952	\$ (9,115)	\$ -
Dept 210 - CITY ATTORNEY					
101-210-825-000	CITY ATTORNEY	\$ 100,000	Additional Services	\$ 6,000	\$ 106,000
Dept 215 - TREASURY					
101-215-707-000	PART TIME EMPLOYEES	\$ 15,950	Additional Hours for Ashley in Treasury	\$ 4,050	\$ 20,000
101-215-715-000	FICA	\$ 5,708	Added FICA due to Payroll Addition	\$ 292	\$ 6,000
Dept 265 - CITY HALL					
101-265-818-000	CONTRACTUAL SERVICES	\$ 35,000	Ballot Proposal Postponed	\$ (35,000)	\$ -
101-265-821-030	PLANNING/WAYFINDING	\$ 52,500	Project to Carryover to 2021-2022	\$ (32,500)	\$ 20,000
101-265-976-000	BUILDING IMPROVEMENTS	\$ 26,500	Project to Carryover to 2021-2022	\$ (26,050)	\$ 450
Dept 270 - CORONAVIRUS EXPENSE TRACKING					
101-270-785-000	CORONAVIRUS EXPENSES	\$ 35,000	Additional COVID-19 Expenses	\$ 7,000	\$ 42,000
Dept 306 - DISPATCHERS/SERVICE AIDES					
101-306-704-000	FULL TIME EMPLOYEES	\$ 349,988	New Dispatchers Added During the Year	\$ (39,988)	\$ 310,000
101-306-707-000	PART TIME EMPLOYEES	\$ 25,000	Less Hours for Part-time	\$ (5,000)	\$ 20,000
101-306-709-000	OVERTIME	\$ 22,000	Less OT Due to Hiring of FT	\$ (7,000)	\$ 15,000
101-306-715-000	FICA	\$ 31,347	Lower Payroll Estimates	\$ (6,347)	\$ 25,000
101-306-744-000	UNIFORMS-CLEANING AND PURCHASES	\$ 5,500	New Uniforms for New Hires	\$ 1,000	\$ 6,500
101-306-835-000	DISPATCH MEDICAL EXPENSES	\$ 1,305	New Hire Physicals	\$ 295	\$ 1,600
Dept 307 - ANIMAL CONTROL					
101-307-704-000	FULL TIME EMPLOYEES	\$ 43,478	Adjustment To Hourly Rate	\$ 1,522	\$ 45,000
101-307-707-000	PART TIME EMPLOYEES	\$ 9,178	Additional PT Assistance Postponed	\$ (9,178)	\$ -
101-307-712-000	IN LIEU	\$ 9,115	In Lieu Moved to Active Pers Budget 101-952	\$ (9,115)	\$ -
Dept 310 - PUBLIC SAFETY OPERATIONS					
101-310-723-000	HOLIDAY / PERSONAL DAYS	\$ 88,600	Aditiional Accumulation of Leave Purchased	\$ 3,400	\$ 92,000
101-310-758-202	K9 PROGRAM EXPENSES	\$ 100,000	Expected Cost Minus Fund Raiser	\$ (75,000)	\$ 25,000
101-310-811-000	CUSTODIAL	\$ 13,500	Change in Custodial Services	\$ 10,500	\$ 24,000
101-310-825-000	CASCADE SYSTEM MAINTENANCE	\$ 350	Additional Expenditures Occurred	\$ 150	\$ 500
101-310-920-000	UTILITIES	\$ 41,000	Additional Expenditures Occurred	\$ 4,000	\$ 45,000
101-310-939-000	VEHICLE MAINTENANCE	\$ 15,000	Additional Expenditures Occurred	\$ 2,000	\$ 17,000
101-310-939-001	FIRE TRUCK MAINTENANCE	\$ 45,000	Additional Expenditures Occurred-Fire App	\$ 50,000	\$ 95,000
101-310-939-002	VEHICLE MAINTENANCE - DPW	\$ 20,000	Additional Expenditures Occurred	\$ 2,000	\$ 22,000
101-310-960-001	REIMBURSABLE PROF DEVELOPMENT	\$ 80,000	Less Expenditures Accurred	\$ (55,000)	\$ 25,000
101-310-976-000	BUILDING IMPROVEMENTS	\$ 30,000	Additional Expenditures Occurred Dispatch	\$ 230,000	\$ 260,000
101-310-982-000	EQUIPMENT	\$ 45,800	Items Will Carry Forward to 2021-2022	\$ (15,800)	\$ 30,000
101-310-985-000	VEHICLES	\$ 105,000	Additional Vehicle Equipment	\$ 27,000	\$ 132,000
Dept 371 - BUILDING DEPARTMENT					
101-371-709-000	OVERTIME	\$ 10,000	Reduced OT	\$ (8,000)	\$ 2,000
101-371-712-000	IN LIEU	\$ 9,115	In Lieu Moved to Active Pers Budget 101-952	\$ (9,115)	\$ -
101-371-818-000	CONTRACTUAL SERVICES	\$ 20,000	HRC Reduced Projects	\$ (15,000)	\$ 5,000
101-371-822-003	CONTRACTUAL INSPECTIONS	\$ 135,000	Reduced Inspections Due to COVID-19	\$ (40,000)	\$ 95,000
101-371-822-006	BUSINESS LICENSE INSPECTION-ALL	\$ 16,200	Reduced Inspections Due to COVID-19	\$ (8,200)	\$ 8,000
Dept 441 - PUBLIC WORKS					
101-441-707-000	PART TIME EMPLOYEES	\$ 12,000	Less Temp Seasonal Employees	\$ (6,000)	\$ 6,000
101-441-709-000	OVERTIME	\$ 25,000	Additional OT due to COVID-19	\$ 5,000	\$ 30,000
101-441-709-003	DREAM CRUISE	\$ 15,000	Dream Cruise Cancelled 2020	\$ (14,500)	\$ 500
101-441-811-000	CUSTODIAL SERVICES	\$ 3,210	Change in Custodial Services	\$ 1,000	\$ 4,210
Dept 442 - PUBLIC WORKS GARAGE					
101-442-704-000	FULL TIME EMPLOYEES	\$ 97,573	Postponed Additional FT Assistance	\$ (37,573)	\$ 60,000
101-442-709-000	OVERTIME	\$ 25,000	Increased OT During COVID-19	\$ 5,000	\$ 30,000
101-442-715-000	FICA	\$ 8,720	Reduction in FICA	\$ (1,720)	\$ 7,000
101-442-939-000	VEHICLE MAINTENANCE	\$ 50,000	Lower than Estimated	\$ (8,000)	\$ 42,000
Dept 738 - LIBRARY					
101-738-931-000	BUILDING MAINTENANCE	\$ 15,600	Postponed Maintenance Due to COVID-19	\$ (3,600)	\$ 12,000
101-738-934-000	OFFICE EQUIPMENT MAINTENANCE	\$ 3,000	Postponed to 2021-2022	\$ (1,000)	\$ 2,000
101-738-978-002	BOOKS FROM DONATIONS	\$ 4,000	Additional Expenditures	\$ 1,500	\$ 5,500
Dept 750 - COMMUNICATIONS					
101-750-818-000	CONTRACTUAL SERVICES	\$ 5,500	Additional Expenditures ClearGov	\$ 2,000	\$ 7,500
101-750-984-002	TELECOMMUNICATIONS EQUIPMENT	\$ 28,050	Adjusted to 818	\$ (2,000)	\$ 26,050

Budget Amendments June 2021

Department	Account Name	2020-2021 Original Budget	Description	Increase/(Decrease) Amendment Amt	2020-2021 Amended Budget
Dept 755 - INFORMATION TECHNOLOGY					
101-755-778-000	EQUIPMENT SUPPLIES	\$ 8,000	Additional Expenditures	\$ 2,700	\$ 10,700
101-755-960-000	PROFESSIONAL DEVELOPMENT	\$ 6,000	Unspent Due to COVID-19	\$ (2,700)	\$ 3,300
Dept 952 - ACTIVE EMPLOYEE BENEFITS					
101-952-716-500	HEALTH CARE COSTS - BC/BS	\$ 650,800	Additional Costs Due to Elective Procedures	\$ 99,200	\$ 750,000
Dept 954 - BENEFITS-MERS RETIREES					
101-954-716-500	HEALTH CARE COSTS - BC/BS	\$ 144,000	Additional Costs Due to Elective Procedures	\$ 6,000	\$ 150,000
101-954-716-718	HEALTH BENEFITS-MERS RHFV RETIREES	\$ 90,000	Move a Portion to Pension	\$ (50,000)	\$ 40,000
101-954-718-001	PENSION EXPENSE - GENERAL GOVERNMENT	\$ 600,000	Increases Due to Extra Pension Contrib	\$ 50,000	\$ 650,000
101-954-718-003	PENSION EXPENSE - MERS RETIREMENT-DPW	\$ 78,000	Increases Due to Extra Pension Contrib	\$ (9,000)	\$ 69,000
Dept 955 - PSO PENSION SYSTEM					
101-955-716-500	HEALTH CARE COSTS - BC/BS	\$ 225,000	Lower Cost for Retiree Health	\$ (50,000)	\$ 175,000
101-955-716-718	HEALTH BENEFITS-MERS RHFV RETIREES	\$ 80,000	Move a Portion to Pension	\$ (50,000)	\$ 30,000
101-955-718-000	RETIREMENT-DB PSO PENSION	\$ 1,103,500	Increases Due to Extra Pension Contrib	\$ 100,000	\$ 1,203,500
General Fund Totals		\$ 4,998,740		\$ (23,530)	\$ 4,975,210

Beginning GF Fund Balance 7/1/2020	\$ 6,460,972	Original Estimated Budget Deficit 6/30/2021	\$ (1,838,972)
Estimated Amended Budget Deficit	\$ (1,720,142)	Amended Net Budget Revenues	\$ 95,300
Estimated Ending GF FB 6/30/2021	\$ 4,740,830	Amended Net Budget Expenditures	\$ 23,530
		Amended Net Decrease in Budget Deficit	\$ 118,830
		Amended Budget Deficit 6/30/2021	\$ (1,720,142)

FUND 202-MAJOR STREETS	Department	Account Name	2020-2021 Original Budget	Description	Increase/(Decrease) Amendment Amt	2020-2021 Amended Budget
Dept 466 - STREET SWEEPING						
202-466-940-000		EQUIPMENT RENTAL	\$ 18,450	Additional Equip Rental	\$ 4,000	\$ 22,450
Dept 468 - STREET TREES						
202-468-940-000		EQUIPMENT RENTAL	\$ 1,050	Additional Equip Rental	\$ 200	\$ 1,250
Dept 471 - GRASS AND WEEDS						
202-471-940-000		EQUIPMENT RENTAL	\$ 1,425	Additional Equip Rental	\$ 275	\$ 1,700
Dept 475 - STREET SIGNS						
202-475-758-000		PROGRAM SUPPLIES	\$ 5,800	Additional Expenditures	\$ 700	\$ 6,500
Dept 478 - WINTER MAINTENANCE						
202-478-758-000		PROGRAM SUPPLIES	\$ 63,350	Decrease in Winter Supplies	\$ (19,350)	\$ 44,000
Major Streets Totals			\$ 90,075	Major Streets Totals	\$ (14,175)	\$ 75,900

Major St FB 7/1/2020	\$ 1,956,157	Original Estimated Budget Surplus 6/30/2021	\$ 156,131
Estimated Amended Budget Surplus	\$ 170,306	Amended Net Budget Revenues	\$ -
Estimated Ending MS FB 6/30/2021	\$ 2,126,463	Amended Net Budget Decrease in Expenditures	\$ 14,175
		Amended Net Increase in Budget Surplus	\$ 14,175
		Amended Budget Surplus 6/30/2021	\$ 170,306

FUND 203-LOCAL STREETS	Department	Account Name	2020-2021 Original Budget	Description	Increase/(Decrease) Amendment Amt	2020-2021 Amended Budget
Dept 464 - STREET MAINT OPERATIONS						
203-464-940-000		EQUIPMENT RENTAL	\$ 11,700	Additional Equipment Usage	\$ 1,500	\$ 13,200
Dept 466 - STREET SWEEPING						
203-466-940-000		EQUIPMENT RENTAL	\$ 37,200	Additional Equipment Usage	\$ 5,000	\$ 42,200
Dept 471 - GRASS AND WEEDS						
203-471-940-000		EQUIPMENT RENTAL	\$ 2,250	Additional Equipment Usage	\$ 1,750	\$ 4,000
Dept 475 - STREET SIGNS						
203-475-933-000		EQUIPMENT MAINTENANCE	\$ 8,500	Additional Maintenance	\$ 4,000	\$ 12,500
203-475-940-000		EQUIPMENT RENTAL	\$ 23,000	Reduced Equipment Usage	\$ (13,000)	\$ 10,000
Local Streets Total			\$ 82,650	Local Streets Total	\$ (750)	\$ 81,900

Local St FB 7/1/2020	\$ 1,012,202	Original Estimated Budget Deficit 6/30/2021	\$ (318,283)
Estimated Amended Budget Deficit	\$ (317,533)	Amended Net Budget Revenues	\$ -
Estimated Ending LS FB 6/30/2021	\$ 694,669	Amended Net Budget Expenditures	\$ 750
		Amended Net Decrease in Budget Deficit	\$ 750
		Amended Budget Deficit 6/30/2021	\$ (317,533)

Fund 592 - WATER AND SEWER	Department	Account Name	2020-2021 Original Budget	Description	Increase/(Decrease) Amendment Amt	2020-2021 Amended Budget
Expenditures						
Dept 536 - WATER & SEWER SERVICE						
592-536-811-000		CUSTODIAL	\$ 3,210	Additional Equipment Rental	\$ 990	\$ 4,200
592-536-830-000		DPW CONTRACTUAL	\$ 36,000	Additional Road Concrete from Water Main	\$ 10,000	\$ 46,000
592-536-975-000		CONSTRUCTION	\$ 1,500,000	Water Main Project Moved to 2021-2022	\$ (1,500,000)	\$ -
592-536-976-000		BUILDING IMPROVEMENTS	\$ 462,000	DPW Improvements Postponed due to Bids	\$ (400,000)	\$ 62,000
592-536-982-000		CONCRETE REPAIR	\$ 250,000	Additional Road Repair	\$ 40,000	\$ 290,000
Dept 537 - STORM SEWER SYSTEM						
592-537-709-000		OVERTIME	\$ 20,000	Additional Uniform replacements	\$ 4,000	\$ 24,000
592-537-824-000		LEGAL SERVICES	\$ -	Settlement Flooding Lawsuit	\$ 329,400	\$ 329,400
Dept 952 - ACTIVE EMPLOYEE BENEFITS						
592-952-716-000		DENTAL/VISION/LIFE-LTD/RHCS	\$ 180,445	Error on Budget Input Amount	\$ (170,445)	\$ 10,000

Budget Amendments June 2021

<u>Department</u>	<u>Account Name</u>	<u>2020-2021 Original Budget</u>	<u>Description</u>	<u>Increase/(Decrease) Amendment Amt</u>	<u>2020-2021 Amended Budget</u>
592-952-716-500	HEALTH CARE COSTS - BC/BS	\$ 160,000	Additional Health Care Cost	\$ 10,000	\$ 170,000
Water & Sewer Total		\$ 2,451,655	Water & Sewer Total	\$ (1,686,055)	\$ 765,600

Water & Sewer FB 7/1/2020	\$ 17,682,614	Original Estimated Budget Deficit 6/30/2021	\$ (2,548,054)
Estimated Amended Budget Deficit	\$ (861,999)	Amended Net Budget Revenues	\$ 1,686,055
Estimated Ending SW FB 6/30/2021	\$ 16,820,615	Amended Net Budget Expenditures	\$ 1,686,055
		Amended Net Decrease in Budget Deficit	\$ (861,999)
		Amended Budget Deficit 6/30/2021	\$ (861,999)

<u>Department</u>	<u>Account Name</u>	<u>2020-2021 Original Budget</u>	<u>Description</u>	<u>Increase/(Decrease) Amendment Amt</u>	<u>2020-2021 Amended Budget</u>
Fund 614 - RECREATION REVOLVING					
Revenues					
614-001-539-000	STATE GRANTS	\$ 180,000	Grant Will Be Received in 2021-2022	\$ (180,000)	\$ -
614-001-626-112	YOUTH CAMP	\$ 170,000	Reduced Due to COVID-19	\$ (67,000)	\$ 103,000
614-001-626-502	WOMENS SOFTBALL	\$ 6,000	Reduced Due to COVID-19	\$ (1,280)	\$ 4,720
614-001-626-803	TENNIS CONTRACT	\$ 6,000	Reduced Due to COVID-19	\$ 600	\$ 6,600
614-001-626-901	COMMUNITY CENTER USE	\$ 23,000	Reduced Due to COVID-19	\$ (22,400)	\$ 600
614-001-626-913	DISCOUNT AMUSEMENT PARK TICKETS	\$ 100	Cancelled Due to COVID-19	\$ (100)	\$ -
614-001-626-915	DREAM CRUISE	\$ 80,000	Cancelled Due to COVID-19	\$ (80,000)	\$ -
614-001-626-950	MISCELLANEOUS PROGRAMS	\$ 85,000	Reduced Due to COVID-19	\$ (60,000)	\$ 25,000
614-001-664-000	INVESTMENT EARNINGS	\$ 7,446	Reduced Due to COVID-19	\$ (6,446)	\$ 1,000
614-001-671-000	SUNDRY REVENUE	\$ -	Added Revenue Unbudgeted	\$ 150	\$ 150
614-001-675-003	PARK RENTALS	\$ 3,500	Reduced Due to COVID-19	\$ (2,000)	\$ 1,500
Net Decrease in Budgeted Revenue				\$ (418,476)	

<u>Department</u>	<u>Account Name</u>	<u>2020-2021 Original Budget</u>	<u>Description</u>	<u>Increase/(Decrease) Amendment Amt</u>	<u>2020-2021 Amended Budget</u>
Expenditures					
Dept 105 - PARKS AND REC ADMINISTRATION					
614-105-707-000	PART TIME EMPLOYEES	\$ 20,986	Reduced Due to COVID-19	\$ (8,986)	\$ 12,000
614-105-709-000	OVERTIME	\$ 1,000	Reduced Due to COVID-19	\$ (1,000)	\$ -
614-105-715-000	FICA	\$ 21,206	Reduced Due to COVID-19	\$ (706)	\$ 20,500
614-105-751-000	FUEL & OIL	\$ 4,500	Reduced Due to COVID-19	\$ (1,000)	\$ 3,500
614-105-758-000	PROGRAM SUPPLIES	\$ 4,000	Reduced Due to COVID-19	\$ (500)	\$ 3,500
614-105-778-000	EQUIPMENT SUPPLIES	\$ 5,000	Reduced Due to COVID-19	\$ (1,500)	\$ 3,500
614-105-920-000	UTILITIES	\$ 26,000	Reduced Due to COVID-19	\$ (4,000)	\$ 22,000
614-105-933-000	EQUIPMENT MAINTENANCE	\$ 13,000	Reduced Due to COVID-19	\$ 3,000	\$ 16,000
614-105-946-000	OFFICE EQUIPMENT RENTAL	\$ 3,000	Reduced Due to COVID-19	\$ (1,800)	\$ 1,200
614-105-960-000	PROFESSIONAL DEVELOPMENT	\$ 4,000	Reduced Due to COVID-19	\$ (1,000)	\$ 3,000
614-105-981-000	FURNITURE	\$ 1,000	Reduced Due to COVID-19	\$ (1,000)	\$ -
Dept 112 - YOUTH CAMP					
614-112-758-000	PROGRAM SUPPLIES	\$ 5,500	Reduced Due to COVID-19	\$ (4,000)	\$ 1,500
614-112-818-000	CONTRACTUAL SERVICES	\$ 39,000	Reduced Due to COVID-19	\$ (36,000)	\$ 3,000
Dept 316 - YOUTH DANCE					
614-316-818-000	CONTRACTUAL SERVICES	\$ 3,500	Reduced Due to COVID-19	\$ (2,500)	\$ 1,000
Dept 502 - WOMEN'S SOFTBALL					
614-502-758-000	PROGRAM SUPPLIES	\$ 1,000	Reduced Due to COVID-19	\$ (500)	\$ 500
614-502-818-000	CONTRACTUAL SERVICES	\$ 1,700	Reduced Due to COVID-19	\$ (700)	\$ 1,000
Dept 803 - TENNIS CONTRACT					
614-803-818-000	CONTRACTUAL SERVICES	\$ 5,000	Reduced Due to COVID-19	\$ (3,500)	\$ 1,500
Dept 901 - COMMUNITY CENTER USE					
614-901-707-000	PART TIME EMPLOYEES	\$ 20,468	Reduced Due to COVID-19	\$ (4,468)	\$ 16,000
614-901-715-000	FICA	\$ 1,566	Reduced Due to COVID-19	\$ (266)	\$ 1,300
Dept 915 - DREAM CRUISE					
614-915-758-000	PROGRAM SUPPLIES	\$ 9,000	Reduced Due to COVID-19	\$ (9,000)	\$ -
614-915-818-000	CONTRACTUAL SERVICES	\$ 51,000	Reduced Due to COVID-19	\$ (50,400)	\$ 600
614-915-940-000	EQUIPMENT RENTAL	\$ 3,300	Reduced Due to COVID-19	\$ (3,300)	\$ -
Dept 950 - MISCELLANEOUS PROGRAMS					
614-950-707-000	PART TIME EMPLOYEES	\$ 10,354	Reduced Due to COVID-19	\$ (9,000)	\$ 1,354
614-950-715-000	FICA	\$ 792	Reduced Due to COVID-19	\$ (742)	\$ 50
Dept 950 - MISCELLANEOUS PROGRAMS					
614-950-707-000	PART TIME EMPLOYEES	\$ 10,354	Reduced Due to COVID-19	\$ (9,000)	\$ 1,354
614-950-715-000	FICA	\$ 792	Reduced Due to COVID-19	\$ (742)	\$ 50
614-950-801-000	BANK CHARGES	\$ 11,220	Reduced Due to COVID-19	\$ (5,220)	\$ 6,000
614-950-818-000	CONTRACTUAL SERVICES	\$ 55,000	Reduced Due to COVID-19	\$ (45,000)	\$ 10,000
614-950-821-000	ENGINEERING	\$ 78,200	Reduced Due to COVID-19	\$ (6,200)	\$ 72,000
614-950-920-000	UTILITIES	\$ 24,000	Reduced Due to COVID-19	\$ (20,000)	\$ 4,000
614-950-974-000	LAND IMPROVEMENTS	\$ 840,000	Increase in Project Cost	\$ 60,000	\$ 900,000
614-950-981-500	PARK BENCHES	\$ -	Reduced Due to COVID-19	\$ 750	\$ 750
Dept 952 - ACTIVE EMPLOYEE BENEFITS					
614-952-716-000	DENTAL/VISION/LIFE-LTD/RHCS	\$ 15,000	Reduced Due to COVID-19	\$ (7,000)	\$ 8,000
614-952-716-500	HEALTH CARE COSTS - BC/BS	\$ 65,000	Increase in Health Care Costs	\$ 5,000	\$ 70,000

Recreation Revolving Total	\$ 1,355,438.00	Recreation Revolving Total	\$ (170,280)	\$ 1,185,158
-----------------------------------	------------------------	-----------------------------------	---------------------	---------------------

Recreation Revolving FB 7/1/2020	\$ 705,512	Original Estimated Budget Deficit 6/30/2021	\$ (746,709)
Estimated Amended Budget Deficit	\$ (994,905)	Amended Net Budget Revenues	\$ (418,476)
Estimated Ending RR FB 6/30/2021	\$ (289,393)	Amended Net Budget Expenditures	\$ 170,280
		Amended Net Increase in Budget Deficit	\$ (248,196)

Budget Amendments June 2021

	<u>Department</u>	<u>Account Name</u>	<u>2020-2021</u>	<u>Description</u>	<u>Increase/(Decrease)</u>	<u>2020-2021</u>
			<u>Original Budget</u>		<u>Amendment Amt</u>	<u>Amended Budget</u>
				Amended Budget Deficit 6/30/2021	<u>\$ (994,905)</u>	