The most livable city in America

## PUBLIC WORKS

\&

# OFS DEBT MANAGEMENT 

## PRESENTATION TO THE SAINT PAUL CITY COUNCIL

## History of Street Spending



Mill and Overlay Notes
1 Data from 2010-13 from F225 Statement
2 Information using Project Code

Street Reconstruction Notes
Actual Spending is higher due to work paid for by non-bond funding.
Some bond funds occasionally are used for other years.
3 Capital Projects Still Active

## Public Works Five Year Plan

| $2021$ |  | $2022$ |  | $2023$ |  | $2024$ |  | $2025$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| SAINT PAUL STREETS | \$13,800,000 | SAINT PAUL STREETS | \$15,000,000 | SAINT PAUL STREETS | \$12,500,000 | SAINT PAUL STREETS | \$13,340,000 | SAINT PAUL STREETS | \$12,605,000 |
| Griggs Schefler Resicential Prase II | 12,600,000 | Edgcumbe Rd - St. Paut to Farivew | 6.855,000 | Minnesta St - Kellogg to 5th Phase I | 5.860,000 | Minesota St - 5 th to 1t 1 Phase II | 13,340.000 | WheelockiGrotio Residental Phase I | 8,325,000 |
| Downtoon Pavement 8 Sidevak improvemerns | 1,100,000 | Wheelock Prwy - Edgenton to Accase | 6,750,000 | Summit Ave . Victoria to Lexingion | 6,640,000 |  |  | Pleasant - Victoria to St. Clair | 4,280,000 |
| Lexington - Shepard to W7\% (Countr) | 100,000 | Curtice Roadway \& Drainage Improvements | 1.000,000 |  |  |  |  |  |  |
|  |  | Crocus Hill Aley improvement | 600,000 |  |  |  |  |  |  |
| CAPITAL IMPROVEMENTS BONDS | \$3,038,000 | CAPITAL IMPROVEMENTS BONDS | \$3,111,000 | CAPITAL IMPROVEMENT BONDS | \$5,041,405 | CAPITAL IMPROVEMENT BONDS | \$2,515,000 | CAPITAL IMPROVEMENT BONDS | \$1,385,000 |
| EB Kellogg Blivd Bindge © Rivercente | 1.500,000 | Noise Wall - 194 from Fairiew to Prior | 101,000 | SRTS - Buce Vento Elementary | 549,405 | Grand Hill Wall - agacent to 35E | $\begin{array}{r} 1,000,000 \\ 630,000 \end{array}$ | Grand Hall Wall - afjacent to 35E | 500,000 |
| Ransoiph Bnicge © $\times$ col | 1,000,000 | Rancolph Bnoge © Xcel | 225,000 | Walut Street Stars Retaning Wall | 2.500.000 | Burns Suturtan Sidewak infil Project |  |  |  |
|  |  | Goid Line ERT Lighting 8 improvements | 600,000 | Larpenteur - Daie to Farrington Sicewaks | 200,000107,00 |  |  |  |  |
|  |  | Highland Bridge oftste impoverrents | 1,300,000 | Marshal - Sneling to Aber Sidevaks |  |  |  |  |  |
|  |  |  |  | Jackson St Ericge.Penn to Acker (County) | 200,000600,000 |  |  |  |  |
|  |  |  |  | Goid Line BRT Lighting s improvements |  |  |  |  |  |
| Programs: |  | Programs: |  | Programs: |  | Programs: |  | Programs: |  |
| Pedestrian \& Trafic Satety improvements | 150,000 | Pedestion \& Tratic Satery Improvements | 250,000 | Pedestrian $\frac{\text { I Tatic Satety improvements }}{\text { a }}$ | 250,000 | Pedestrian \& Tratic Satery Improvements | 250.000 | Pedestrian \& Tratic Satety Improvements | 250.000 |
| Signalized intersection Satety Improve | 100,000 | Signalized Intersection Satety Improve | 125,000 | Signalized intersection Satety Improve | 125,000 | Signalized imersection Satety Improve | 125,000 | Signalized Intersection Satety Improve | 125,000 |
| RR Crossing Satey improvements | 8.000 | RR Crossing Satety Improvements | 10,000 | RR Crossing Satey Improvements | 10,000 | RR Crossing Satety inprovements | 10.000 | RR Crossing Satety Improvements | 10,000 |
| Bridge Enhancemenents Program | 200.000 | Bridge Enhancements Program | 250,000 | Bricge Enhancements Program | 250.000 | Bricge Enhancements Program | 250,000 | Bridge Enhancements Program | 250,000 |
| Staimay Repair 8 Replacement Program | 80,000 | Staimay Repair \& Replacement Program |  | Stainay Repair \& Replacement Program |  | Stainay Repair 8 Replacement ProgramSate Routes to School | 125.000 | Staimay Repair 8 Replacement Program | 125,000 |
|  |  | Sate Routes to School |  | Sate Roves to School |  |  | 125,000 | Sate Rovies to Scrool | 125,000 |
| Bicycle Facity Improvements (Gen Fund) | 500.000 | Bigce Facily Improvements (Gen Fund) | 500.000 | Bicyde Facity Improvements (Gen Fund) | 500.000 | Safe Routes to School <br> Bicycle Facilty Improvemems (Gen Fund) | 500.000 | Bicycie Facily limprovements (Gen Fund) |  |
| MUNICIPAL STATE AID | \$9,840,000 | MUNICIPAL STATE AID | \$13,810,948 | MUNICIPAL STATE AID | \$12,681,669 | MUNICIPAL STATE AID | \$14,055,000 | MUNICIPAL STATE AID | $\$ 10,967,359$ |
| EB Kellogg Blvd Bindge © RiverCentre | 2,710,307 | Wabasha - Kellogg to 6th | 3.490,000 | Annapolis - Smeth to Rober Ph I | 2.250,000 | Annapolis - Rober to Kansas Ph II | 2.000,000 | Rober - Kellogg to 11th (MnDOT turnback) | 2.050.000 |
| Wabasha - Kellogg to 6th (Design) | 3,000,000 | Price Ave - St Anthony to Universty | 4,500,000 | CCB - Kellogg Blva from Jackson to St. Peter | 2.663,911 | Grand - Snelling to Farivew | 6,690,000 | CCB - Kellogg frem St Peter to w7en | 3,158,091 |
| Wabasha Signals at 4 th. 5 sh 886 ch | 750.000 | Barte Creek Rd - Park Ricge to Lower Ation | 900,000 | Rcber - Kellogg to 1 the (Design) | 1.000.000 | CCB - Kellogg trom st. Peter to W7in (Design) | 500.000 | Daje St Signal Enhancement 8 Modererization | 794.268 |
| SnellingLexington - ITS Trafic Management | 84,693 | Robet - Kellogg to 17th (Design) | 200.000 | Grand - Snelling to Faiview (Design) | 800.000 | Dile St Signal Ernancemeet \& Mod (Dosign) | 500.000 | Rober Mso - Filmcre to Amapois (MnDOT) | 2.000 .000 |
| Downtomn Street \& sicewak improvements | 1.000,000 | Westiside intersection Control Enhancemems | 530,988 | Westsice intersection Control Enhancements | 324,758 | Jackson St - Penn to Acker (County) | 500,000 | John reland Brigge over 94 (Mnoot) | 100,000 |
| Lexington - Shepard to W7t ROW (County) | 1.000,000 | Lexington - Shepard to W7h (County) | 2.500,000 | Shepard Road Bridge near Otto | 500,000 | Rice St - Wheelock to Co Rd B (County) | 100.000 | TH5 - Munster to St. Clar (MnOOT) | 1,750.000 |
| Jackson St - Rose to Arington ROW (County) | 200.000 | Whise Bear-Larp to Narth St. Paul Rd (County) | 275,000 | Jackson St - Rose to Aringion (County) | 1.690.000 | TH5-MMunds to 618 81-5 to Roseliswn (MnDOT) | 2.000.000 |  |  |
| McKrighe - Burns to Stllwater Rd (County) | 100,000 | Pierce ButerergMinenaha Signal (County) | 200,000 | Rice St - Maryland to Wheelcoc (County) | 818,000 |  |  |  |  |
| Various Signal Intercomnet (County) | 40,000 | 194/35E Commons ADA Project (MnOOT) | 450,000 | TH5 MBO - Accade to 120 (MnOOT) | 1,420,000 |  |  |  |  |
| 528 Concord Traffic Signals (MnOOT) | 40,000 |  |  |  |  |  |  |  |  |
| Programs: |  | Programs: |  | Programs: |  | Programs: |  | Programs: |  |
| SPS Tratic Signals - Downtoun | 450,000 | SPS Trafic Signals on Atereials | 300,000 | SPS Tratic Signals on Aferials | 750,000 | SPS Tratic Signals on Aterials | 1.300,000 | SPS Traffic Signals on Aterials | 150,000 |
| Signalized intersection Satety Improve | 125,000 | Signaliced intersection Satety improve | 125,000 | Signalized intersection Satety Improve | 125,000 | Signalced intersection Satety Improve | 125,000 | Signalized intersection Satety Improve | 125,000 |
| RR Crossing Satety improvements | 40,000 | RR Crossing Satety improvements | 40,000 | RR Crossing Satety improvements | 40,000 | RR Crossing Satety improvements | 40.000 | RR Crossing Satey improvements | 40,000 |
| MSA Contingency | 300.000 | MSA Contingency | 300,000 | MSA Contingency | 300,000 | MSA Contingency | 300.000 | MSA Contingency | 300,000 |
|  |  |  |  |  |  |  |  | Ramsey Co Tratic Signals Amual Program | 500,000 |
| SIDEWALKS | \$1,500,000 | SIDEWALKS | \$1,500,000 | SIDEWALKS | \$1,500,000 | SIDEWALKS | \$1,500,000 | SIDEWALKS | \$1,500,000 |
| Sidewalk Reconstruction Program* <br> "S0.5M Street Maint/S1M General Fund <br> - Includes Upper Afton-Burns to White Bear $\$ 120,000$ | 1,500,000 | Sidewalk Reconstruction Program* <br> -S0.5M Street Maint/S1M General Fund <br> - Includes Edgerton - Maryland to Arlington S120,500 | ${ }^{1.500,000}$ | Sidewalk Reconstruction Program* <br> *SO SM Street Maint/S1M General Fund <br> *Includes Cleveland - Summit to Marshall $\$ 152,500$ | 1,500,000 | Sidewalk Reconstruction Program *S0.5M Street Maint/S2M General Fund | 1,500,000 | Sidewalk Reconstruction Program *S0.5M Street Maint/S1M General Fund | 1,500,000 |
| Local Street, Alley. Sewer and Lighting** "funded by assessments | 150,000 | Local Street, Aley. Sever and Lighting. Tunded by assesments | 150,000 | Local Street, Alley. Sewer and Lighting* "funded by assessments | 150.000 | Local Street, Alley, Sewer and Lighting: *Iunded by assessments | 150,000 | Local Street, Alley, Sewer and Lighting* "funded by assessments | 150.000 |

## Saint Paul Minnesota

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## Public Works Five Year Plan Cont．

| $2021$ |  | $2022$ |  | $2023$ |  | $2024$ |  | $2025$ |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| CITY MILL \＆OVERLAYS |  | CITY MILL \＆OVERLAYS |  | CITY MILL \＆OVERLAYS |  | CITY MILL \＆OVERLAYS |  | CITY MILL \＆OVERLAYS |  |
| Fillmore Ave－Robert to E．Lafayette Hamline Ave－Randolph to Highland Jefferson Ave－W 7th to Victoria <br> St．Paul Ave－Edgcumbe to W 7th＊ ＊includes Davern south to the RR |  | Mississippi River Blvd－Randolph to TH5 Wheeleck－Arcase to Johnson Pxwy Summit－Hamine to Lexingtion |  | Concordia Ave－Snelling to Marion <br> St．Anthony Ave－Snelling to Marion <br> Proposed for 2023－2025 <br> Vandalia Commercial Area <br> Front－Rice to Westem <br> Minnehaha－Lexington to Fairview <br> Capital Area <br> East Shore Drive－Wheelock to Larpenteur <br> Ruth－Burns to Stilwater |  | Proposed for 2023－2025 <br> St．Clair－Cilff to Victoria Cliff－Smith to St．Clair Shepard－Elway to Gannon Summit－MRB to Hamline Fairview－Randolph to Edgcumbe Arlington－Jackson to Edgerton Arlington－Wheelock to Rice Forest－Hudson to E 7th Hamline－Como to Hoyt |  | Proposed for 2023－2025 <br> Winifred－Wabasha to Ohio <br> Victoria－7th to Benhill <br> George－Cesar Chavez to Smith <br> Burr－Tedesco to Minnehaha <br> Burlington Rd－Lower Afton to Mcknight <br> Randolph－Cleveland to MRB <br> Victoria－Summit to Concordia <br> 6th－Earl to Arcade <br> Marshall－Lexington to Western |  |
| RAMSEY COUNTY MILL \＆OVERLAYS |  | McKnight－Burns to Minnehaha <br> St．Paul Ave－Edgcumbe to Cleveland |  |  |  |  |  |  |  |
| RAMSEY COUNTY FUNDING | \＄652，050 | RAMSEY COUNTY FUNDING | \＄120，500 | RAMSEY COUNTY FUNDING | \＄737，000 | RAMSEY COUNTY FUNDING |  | RAMSEY COUNTY FUNDING |  |
| Snelinglexington－ITS Traftic Management <br> Sidewalk Projects <br> Upper Atoon－Burns to White Bear <br> McKnight－Maland to Londin＊ <br> Randolph－Toronto to Shepard＇ <br> －Mcxniegt budgeted in 2019 \＆Randologh budge | $\begin{array}{r} 416,050 \\ \\ \hline \end{array} \begin{array}{r} 120,000 \\ 55,000 \\ 610.000 \end{array}$ | Edgerton－Maryland to Arlington | 120，500 | Marion at Ravoux－Ped improvements <br> Sidemalk Projects <br> Lapperteur－Dale to Farrington <br> Marshal－Snelling to Abert <br> Cleveland－Summit to Mershat |  |  |  |  |  |
| RAMSEY COUNTY（with City participation） |  | RAMSEY COUNTY（with City participation） |  | RAMSEY COUNTY（with City participation） |  | RAMSEY COUNTY（with City participation） |  | RAMSEY COUNTY（with City participation） |  |
| Cleveland－Conno to Lapp． Lexington－Shepard to W7en Row Jackson St－Rose to Arington ROW Mcknight－Bunns to Stlwater Rd Various Signal Intercennect ＊tunded in 2020 |  | Lexington－Shepard to W7th <br> Rice St－Pennsytrania to Maytand＊ <br> Rice St－Mayland to Wheelcek ROW－ <br> Pierce ButercgMnnehaha Signal White Bear－Larp to Nath St．Paul Rd（Country） ＊Funded by 2017 Rice St Streetscape funding $\$ 1,982,000$ |  | Jackson St－Rose to Arlington Jackson St－Penn to Acker ROW Rice St－Maryland to Wheelock＊ <br> ＊Partially funding by Rice Street funding in 2017 \＄1，\＄82，000 |  | Jackson St－Penn to Acker Rice St－Wheelock to Co Rd B |  |  |  |
| MnDOT（with City participation） |  | MnDOT（with City participation） |  | MnDOT（with City participation） |  | MnDOT（with City participation） |  | MnDOT（with City participation） |  |
| 52 \＆Concord Tratic Signals |  | 194／35E Commons ADA Project（MnDOT） |  | TH5 M8O－Arcade to 120 |  | TH5－Mounds $1061861-5$ to Roselawn（MnOOT） |  | TH5－Munster to St．Clair Robert Mso－Fillmore to Annapolis John Ireland Bridge over 94 |  |
| FEDERAL FUNDING | \＄2，001，320 | FEDERAL FUNDING | \＄9，394，501 | FEDERAL FUNDING $\mathbf{\$ 8 , 8 0 0 , 1 2 8}$ |  | FEDERAL FUNDING $\mathbf{\$ 8 , 0 0 0 , 0 0 0}$ |  | FEDERAL FUNDING | \＄14，500，800 |
| Snelinglexingion ITS Trafic Mgmt | 2．001，320 | Randolph Bridge Xcel EB Kellogg Bivd Bridge © RiverCentre | $\begin{aligned} & 2,394,501 \\ & 7,000,000 \end{aligned}$ | Brace Vento Elementary．SRTS Westride Intersection Control Enhance CCB Kelogg trom Jackson to St．Peeter Shepard Road Bridge near Otio Minnetheha Trafic Signals（HSIP） | $\begin{array}{r} 842,528 \\ \begin{array}{r} 1.065,600 \\ 5,312,000 \\ 500,000 \\ 1,080,000 \end{array} \end{array}$ | Kellogy／3rd St Bricge＂ $7,000,000$ <br> Burns／Suburban Sidewalk infil Project $1,000,000$ <br> －$\$ 3,737,000$ MSA and CIB in 2014－2018 |  | Robert－Kellogg to 11th（MhOOT tumback） CCB－Kelloga from St．Petert to W7ih Date St Signal Enhancement \＆Modemization | $\begin{aligned} & 7,000,000 \\ & 5.500,000 \\ & 2.000,800 \end{aligned}$ |
| SEWER UTILITY | \＄11，466，468 | SEWER UTILITY | \＄13，300，000 | SEWER UTILTY $\quad \mathbf{\$ 1 3 , 3 0 0 , 0 0 0}$ |  | SEWER UTILITY | \＄13，300，000 | SEWER UTILITY | \＄13，300，000 |
| Citywice Sewer Lining | 2，800，000 | Sewer Rehab Projects $\quad 2,800,000$ |  | $\begin{array}{ll}\text { Sever Rehab Projects } & 2,800000 \\ \text { Sever Repairs（Cyy，County，State Projects）} & 2,800000\end{array}$ |  | Sewer Rehab Projects <br> Sewer Repairs（City，County，State Projects） | 3，000，000 | Sewer Rehab Projects <br> Sewer Repairs（City，County，State Projects） | 3，000，000 |
| Sewer Repairs（City，County，Stare Propects） | 2，166，468 | Sewer Repairs（City，County，State Projects）$\quad 2,800,000$ |  |  |  | 2．500，000 | $\begin{aligned} & 2,500,000 \\ & 1,000,000 \\ & 1,800,000 \end{aligned}$ |  |
| Citwwice Sewer Repairs | 1，000．000 | Citwice Sewer Repairs | 1，000，000 | Citywice Sever Repairs $\quad 1,000,000$ |  |  |  | Chywide Sewer Reparis Lit Station Renovations | 1，000，000 | Citwwice Sener Repairs |
| LH Station Renovations | 1，000．000 | Lt Station Renovations | 1．700．000 | Lit Station Renovations $1,700,000$ <br> Tunnel Rehab $3,000,000$ |  | 1．800．000 |  |  |  |
| Tunnel Rehat | 2．500，000 | Tunnel Rehab | 2．500．000 |  |  | Tunnel Rehab <br> Water Quality Improvements | 3，000，000 | Lte Station Renovations | 3，000，000 |  |
| Water Cuality Improvements | 500．000 | Water Cuaily improvements | 1，500，000 | Water Quarity improvements $1,000,000$ <br> Storm Outall Repairs $1,000,000$ |  |  | 1．000，000 | Water Quaity Improvements Storm Ouffall Repairs | $\begin{aligned} & 1,000,000 \\ & 1,000,000 \end{aligned}$ |  |
| Stomm Outaat Repairs | 1．500．000 | Stomn Outal Repairs | 1．000．000 |  |  | Water Quality Improvements Storm Outfall Repars | 1．000．000 |  |  |  |

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## Debt Follow-up Questions

$\square$ Explore options for additional street reconstruction bonds and capital improvement bonds in 2021

- PW capacity for 2021 street reconstruction projects
- Levy scenarios
- Include rating analysis


## Capital Improvement Bonds: Levy Impact for One Time Bonding Increase

| Baseline | Term | Year 1 Debt Service | Year 2 Debt Service |
| :---: | :---: | :---: | :---: |
| $11,000,000$ | 10 years | $\$ 82,500$ | $\$ 1,105,000$ |

Assumed Interest Rate of 1.5\%

| Increase from Baseline | Bonding Amount | Year 1 Levy | Year 2 Levy |
| :---: | :---: | :---: | :---: |
| $\$ 1 \mathrm{M}$ Increase | $\$ 12,000,000$ | $\$ 7,500$ | $\$ 115,000$ |
| $\$ 2 \mathrm{M}$ Increase | $\$ 13,000,000$ | $\$ 15,000$ | $\$ 230,000$ |
| $\$ 3 \mathrm{M}$ Increase | $\$ 14,000,000$ | $\$ 22,500$ | $\$ 345,000$ |
| $\$ 4 \mathrm{M}$ Increase | $\$ 15,000,000$ | $\$ 30,000$ | $\$ 460,000$ |
| $\$ 5 \mathrm{M}$ Increase | $\$ 16,000,000$ | $\$ 37,500$ | $\$ 575,000$ |

## Capital Improvement Bonds: Levy Impact of \$1M Ongoing Increase

## Assumed Average 10-Year Interest Rate of 2.5\%

| Issuance | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 | Year 11 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 12,500 | 125,000 | 122,500 | 120,000 | 117,500 | 115,000 | 112,500 | 110,000 | 107,500 | 105,000 | 102,500 |
| 2 |  | 12,500 | 125,000 | 122,500 | 120,000 | 117,500 | 115,000 | 112,500 | 110,000 | 107,500 | 105,000 |
| 3 |  |  | 12,500 | 125,000 | 122,500 | 120,000 | 117,500 | 115,000 | 112,500 | 110,000 | 107,500 |
| 4 |  |  |  | 12,500 | 125,000 | 122,500 | 120,000 | 117,500 | 115,000 | 112,500 | 110,000 |
| 5 |  |  |  |  | 12,500 | 125,000 | 122,500 | 120,000 | 117,500 | 115,000 | 112,500 |
| 6 |  |  |  |  |  | 12,500 | 125,000 | 122,500 | 120,000 | 117,500 | 115,000 |
| 7 |  |  |  |  |  |  | 12,500 | 125,000 | 122,500 | 120,000 | 117,500 |
| 8 |  |  |  |  |  |  |  | 12,500 | 125,000 | 122,500 | 120,000 |
| 9 |  |  |  |  |  |  |  |  | 12,500 | 125,000 | 122,500 |
| 10 |  |  |  |  |  |  |  |  |  | 12,500 | 125,000 |
| 11 |  |  |  |  |  |  |  |  |  |  | 12,500 |
| Total | 12,500 | 137,500 | 260,000 | 380,000 | 497,500 | 612,500 | 725,000 | 835,000 | 942,500 | 1,047,500 | 1,150,000 |

## Street Reconstruction Bonds: Revenue Impact for One Time Bonding Increase

| Baseline | Term | Year 1 Debt Service |
| :---: | :---: | :---: |
| $\$ 12,500,000$ | $\mathbf{2 0}$ years | $\$ 764,459$ |

Assumed Interest Rate of 2.0\%

| Increase from Baseline | Bonding Amount | Year 1* |
| :---: | :---: | :---: |
| $\$ 1 \mathrm{M}$ Increase | $\$ 13,500,000$ | $\$ 61,157$ |
| $\$ 3 \mathrm{M}$ Increase | $\$ 15,500,000$ | $\$ 183,470$ |
| $\$ 5 \mathrm{M}$ Increase | $\$ 17,500,000$ | $\$ 305,784$ |
| $\$ 7 \mathrm{M}$ Increase | $\$ 19,500,000$ | $\$ 428,097$ |

*Reflects total debt service, historically street reconstruction has been assessed at 10-20\%. Mill and overlay projects are currently assessed at 50\%.

## Street Reconstruction Bonds： Revenue Impact of \＄1M Ongoing Increase

## Assumed Average 20－Year Interest Rate of 3．5\％

| Issuance | Year 1 | Year 2 | Year 3 | Year 4 | Year 5 | Year 6 | Year 7 | Year 8 | Year 9 | Year 10 | Year 20 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 1 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 |
| 2 |  | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 |
| 3 |  |  | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 |
| 4 |  |  |  | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 |
| 5 |  |  |  |  | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 |
| 6 |  |  |  |  |  | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 |
| 7 |  |  |  |  |  |  | 70，361 | 70，361 | 70，361 | 70，361 | 70，361 |
| 8 |  |  |  |  |  |  |  | 70，361 | 70，361 | 70，361 | 70，361 |
| 9 |  |  |  |  |  |  |  |  | 70，361 | 70，361 | 70，361 |
| 10 |  |  |  |  |  |  |  |  |  | 70，361 | 70，361 |
| 11 |  |  |  |  |  |  |  |  |  |  | 70，361 |
| 12 |  |  |  |  |  |  |  |  |  |  | 70，361 |
| 13 |  |  |  |  |  |  |  |  |  |  | 70，361 |
| 14 |  |  |  |  |  |  |  |  |  |  | 70，361 |
| 15 |  |  |  |  |  |  |  |  |  |  | 70，361 |
| 16 |  |  |  |  |  |  |  |  |  |  | 70，361 |
| 17 |  |  |  |  |  |  |  |  |  |  | 70，361 |
| 18 |  |  |  |  |  |  |  |  |  |  | 70，361 |
| 19 |  |  |  |  |  |  |  |  |  |  | 70，361 |
| 20 |  |  |  |  |  |  |  |  |  |  | 70，361 |
| Total | 70，361 | 140，722 | 211，083 | 281，444 | 351，805 | 422，166 | 492，528 | 562，889 | 633，250 | 703，611 | 1，407，222 |

## Debt Model: 5-Year Plan for G.O. Debt

## 10

| Spending | $\mathbf{2 0 2 1}$ | $\mathbf{2 0 2 2}$ | $\mathbf{2 0 2 3}$ | $\mathbf{2 0 2 4}$ | $\mathbf{2 0 2 5}$ |
| :--- | ---: | ---: | ---: | ---: | ---: |
| Total Debt Service (Existing + Future) | $33,636,605$ | $\mathbf{3 4 , 0 6 8 , 3 5 6}$ | $\mathbf{3 3 , 7 6 3 , 4 3 1}$ | $\mathbf{3 3 , 2 2 4 , 9 4 3}$ | $\mathbf{3 3 , 6 5 5 , 9 9 5}$ |
| Total Debt Service for Ford | 238,194 | $1,262,688$ | $1,407,338$ | $1,400,838$ | $1,398,684$ |
| Total Subsequent year Debt service | $15,084,162$ | $15,695,846$ | $\mathbf{1 6 , 3 2 2 , 3 2 8}$ | $\mathbf{1 6 , 3 2 0 , 8 2 4}$ | $\mathbf{1 6 , 8 4 3 , 7 3 7}$ |
| Salaries and Miscellaneous expenses | 622,991 | 638,566 | 654,530 | 670,894 | 687,666 |
| Arbitrage expense | 280,000 | $\mathbf{2 8 0 , 0 0 0}$ | $\mathbf{2 8 0 , 0 0 0}$ | $\mathbf{2 8 0 , 0 0 0}$ | $\mathbf{2 8 0 , 0 0 0}$ |
| Total Expenditures | $\mathbf{4 9 , 8 6 1 , 9 5 1}$ | $\mathbf{5 1 , 9 4 5 , 4 5 6}$ | $\mathbf{5 2 , 4 2 7 , 6 2 7}$ | $\mathbf{5 1 , 8 9 7 , 4 9 9}$ | $\mathbf{5 2 , 8 6 6 , 0 8 3}$ |

## Financing

| Property Tax Budget | 17,965,868 | 19,615,868 | 21,215,868 | 22,815,868 | 24,315,868 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Other Revenue | 14,219,668 | 13,928,167 | 11,845,063 | 11,138,292 | 11,038,032 |
| Use of Fund Balance - subsequent year | 15,084,162 | 15,695,846 | 16,322,328 | 16,320,824 | 16,843,737 |
| Use of Fund Balance | 2,592,253 | 2,705,575 | 3,044,368 | 1,622,515 | 668,446 |
| Total Financing | 49,861,951 | 51,945,456 | 52,427,627 | 51,897,499 | 52,866,083 |
| Additional property tax | 1,055,050 | 1,244,215 | 1,387,520 | 1,600,000 | 1,500,000 |
| Additional property tax for Ford CIB | 131,735 | 405,785 | 212,480 |  |  |
| Total Budget Increase | 1,186,785 | 1,650,000 | 1,600,000 | 1,600,000 | 1,500,000 |
| Total Reserved Fund Balance | 19,239,288 | 19,872,103 | 20,529,199 | 20,570,024 | 21,122,658 |
| Unreserved Fund Balance | 9,924,792 | 6,586,402 | 2,884,938 | 1,221,598 | 518 |
| Total Fund Balance at Year End | 29,164,080 | 26,458,505 | 23,414,137 | 21,791,622 | 21,123,176 |

## Credit Rating Methodology



Debt \& Contingent Liabilities 10\%

Indicative Rating

## AAA Ratings - S\&P and Fitch

- Very strong economy, benefits of being in the Metro
- Very strong management, with strong financial policies
- Very strong liquidity, providing very strong cash levels to cover both debt service and expenditures
- Very strong budgetary flexibility, with available general fund reserves exceeding the City's 15\% policy
- Strong institutional framework
- Adequate budgetary performance
- Adequate debt and contingent liability profile


## Debt and Contingent Liabilities Ratios

Net Direct G.O. Debt

Governmental Funds Revenue
Net Direct Debt as a \% of total governmental funds revenue

Total Governmental Funds Debt Service

Governmental Funds Expenditures
Total Governmental Funds Debt
Service as a \% of Total Governmental Funds Expenditures

| $\begin{aligned} & 263,936,964 \\ & 454,702,323 \\ & \hline \end{aligned}$ | Table 14 <br> Assessing The Debt And Contingent Liabilities Score (see paragraphs 78-84) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | Total Governmental Funds Debt Service As A \% of Total Governmental Funds Expenditures | Net Direct Debt As \% Of Total Governmental Funds Revenue |  |  |  |  |
| $454,702,323$ |  | $<30$ | 30 to 60 | 60 to 120 | 120 to 180 | 2180 |
| 43,920,367 | < 8 | 1 | 2 | 3 | 4 | 5 |
|  | 8 to 15 | 2 | 3 | 4 | 4 | 5 |
|  | 15 to 25 | 3 | 4 | 5 | 5 | 5 |
| 531,447,687 | 25 to 35 | 4 | 4 | 5 | 5 | 5 |
|  | 235 | 4 | 5 | 5 | 5 | 5 |
|  | A score of 1, 2, 3, 4 and 5 are very strong, strong, adequate, veak and very veak, respectively. |  |  |  |  |  |

## Overlapping Debt of the City

| Taxing Unit ${ }^{\left({ }^{(2)}\right.}$ | $2018 / 2019$ <br> Adjusted Taxable Net Tax Capacity | $\begin{aligned} & \text { Est. G.O. Debt } \\ & \text { As of } 3-11-2020^{(b)} \end{aligned}$ | Percent | Amount |
| :---: | :---: | :---: | :---: | :---: |
| Ramsey County | \$ 625,979,268 | \$110,120,000 ${ }^{(c)}$ | 49.7\% | \$ 54,729,640 |
| ISD No. 625 (Saint Paul) | 310,879,394 | 448,795,000 ${ }^{\text {(d) }}$ | 100.0 | 448,795,000 |
| St. Paul Port Authority | 310,878,014 | 52,190,000 | 100.0 | 52,190,000 |
| Metropolitan Council | 4,281,620,797 | 4,535,000 ${ }^{\text {(e) }}$ | 7.3 | 331,055 |
| Metropolitan Transit District | 3,433,535,041 | 221,425,000 | 9.1 | 20,149,675 |
| Total |  |  |  | \$576,195,370 |

(a) Only those wnits with outstanding general obligation debt are shown here.
(b) Excludes tax anticipation certifficates, state-aid street bonds and revenue-supported debt.
(c) Excludes $\$ 27,205,000$ outstanding principal of general obligation library bonds, for which taxes are levied on all taxable property in the County, excluding the City of Saint Paul.
(d) Includes qualiffed school construction bonds and certificates of participation. The certifficates of participation are payable from annual appropriations or backed by the full faith, credit and unlimited taxing power of ISD No. 625.
(e) Excludes general obligation debt supported by wastewater revenues and housing rental payments. Includes certificates of participation.

## Rates Forecasted to Remain Low

|  | $4 Q$ | $1 Q$ | $2 Q$ | $3 Q$ | $4 Q$ | $1 Q$ | $2 Q$ | $3 Q$ | $4 Q$ | $1 Q$ |
| :--- | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 2020 | 2021 | 2021 | 2021 | 2021 | 2022 | 2022 | 2022 | 2022 | 2023 |
| \# of replies | 69 | 69 | 69 | 69 | 67 | 51 | 49 | 49 | 49 | 38 |
| Median | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ |
| Average | $0.25 \%$ | $0.25 \%$ | $0.26 \%$ | $0.28 \%$ | $0.28 \%$ | $0.30 \%$ | $0.32 \%$ | $0.34 \%$ | $0.35 \%$ | $0.40 \%$ |
| High Forecast | $0.25 \%$ | $0.25 \%$ | $0.75 \%$ | $1.00 \%$ | $1.00 \%$ | $1.00 \%$ | $1.25 \%$ | $1.25 \%$ | $1.25 \%$ | $1.50 \%$ |
| Low Forecast | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ |
| Previous median | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ | $0.25 \%$ |
| Change in median | $0.00 \%$ | $0.00 \%$ | $0.00 \%$ | $0.00 \%$ | $0.00 \%$ | $0.00 \%$ | $0.00 \%$ | $0.00 \%$ | $0.00 \%$ | $0.00 \%$ |

*Economists' forecasts for the higher bound of the U.S. overnight bank lending rate as surveyed by Bloomberg News from Nov. 6 to Nov. 11. All figures are as of the end of the quarter.

## Questions

