

Future Transportation Bond Issue Program Update

City Council Study Session
December 4, 2018



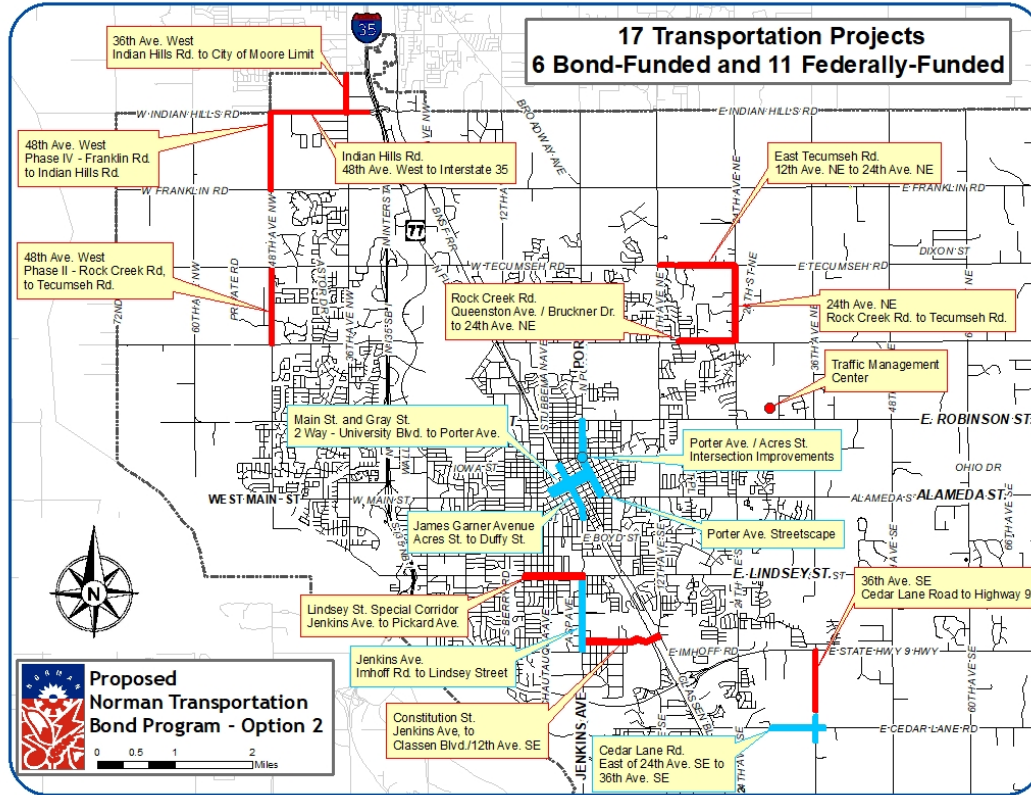


Bond Issue - Schedule

First Reading	Second Reading	Notice to Election Board	Election Date
January 8, 2019	January 22, 2019	January 31, 2019	April 2, 2019



Projects Map





17 Projects

(Blend of 6 City-funded and 11 Federally-funded projects)

Bond Funds - \$69,609,560

Federal Funds - \$55,283,151

Total Cost - \$124,892,877

Implementation Time - 10 Years

Selection Criteria for Bond Funded Projects

- **Higher Priority (e.g. Jenkins Avenue)**
- **Ready to Go (e.g., Porter / Acres Intersection, Cedar Lane Road)**
- **Federal funds difficult to secure (e.g., Main/Gray Two-Way Conversion)**

Project Previous Costs


Transportation Projects Only with a Blend of Bond-Funded and Federally Funded Projects

Resolution No.	Project Location	Construction Cost (Federal Share)	Total Cost	Bond Cost
TBD	Jenkins Avenue - Imhoff Road to Lindsey Street		\$9,140,000	\$9,140,000
R-1415-44	Porter Avenue and Acres Street (Porter Corridor)		\$3,536,000	\$3,536,000
TBD	Main Street / Gray Street Two-Way Conversion		\$7,320,000	\$7,320,000
TBD	James Garner Avenue Special Corridor - Phase 3 - Acres Street to Duffy Street		\$6,000,000	\$6,000,000
TBD	Porter Avenue Streetscape		\$5,000,000	\$5,000,000
R-1415-40	Cedar Lane Road - East of 24 th Avenue SE to 36 th Avenue SE		\$11,704,892	11,704,892
TBD	Lindsey Street Special Corridor (Pickard Avenue to Jenkins Avenue)	\$1,792,000	\$2,490,000	\$698,000
TBD	Constitution Street - Jenkins Avenue to Classen Boulevard	\$1,600,000	\$2,200,000	\$600,000
R-1516-42	36 th Avenue NW - North of Indian Hills Road to Moore City Limit	\$5,835,200	\$8,444,000	\$2,608,800
R-1516-41	36 th Avenue SE - Cedar Lane Road to State Highway 9	\$6,038,906	\$8,722,632	\$2,683,726
TBD	24 th Avenue NE - Rock Creek Road to Tecumseh Road	\$6,272,000	\$9,240,000	\$2,968,000
TBD	Tecumseh Road – 12 th Avenue NE to 24 th Avenue NE	\$6,795,891	\$10,294,864	\$3,498,973
R-1519-44	48 th Avenue NW - Phase 2 - Rock Creek Road to Tecumseh Road	\$6,291,667	\$9,164,584	\$2,872,917
R-1519-46	48 th Avenue NW - Phase 4 - Franklin Road to Indian Hills Road	\$6,482,694	\$9,428,368	\$2,945,674
R-1516-49	Indian Hills Road – 48 th Avenue NW to Interstate 35	\$7,974,803	\$12,458,504	\$4,483,701
TBD	Traffic Management Center (TMC)	\$3,000,000	\$3,300,000	\$300,000
TBD	Rock Creek Road – Queenston Avenue / Bruckner Drive to 24 th Avenue NE	\$3,200,000	\$4,000,000	\$800,000
N/A	Program Management (~2% of Total)		\$2,448,877	\$2,448,877
Totals		\$55,283,161	\$124,892,877	\$69,609,560




Bond Proposal Previous Costs

Proposition	Description	Federal Funds	Bond Funds	Total Cost
1	Transportation Projects Only with a blend of federally funded and locally funded projects	\$55 Million	\$70 Million	\$125 Million
2	Stormwater Projects Only locally funded	-	\$60 Million	\$60 Million
	Total	\$55M	\$130M	\$185M





Future Transportation Bond Issue Updated Costs

- Uses refined cost estimates developed by Freese Nichols
 - Adds 2% Annual Inflation
 - Adds storm sewer improvements to the Lindsey Street Special Corridor project (\$6.8 million)
 - Adds \$700,000 to the 36th Avenue SE project for the John Saxon Boulevard Connection
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Updated Project Costs

Construction Year	Project Location	Construction Cost (Federal Share)	Total Cost	Bond Cost
2020	Cedar Lane Road - East of 24th Avenue SE to 36th Avenue SE	\$0	\$10,934,840	\$10,934,840
2020	Porter Avenue and Acres Street	\$0	\$3,369,542	\$3,369,542
2021	Jenkins Avenue - Imhoff Road to Lindsey Street	\$0	\$10,227,087	\$10,227,087
2021	Porter Avenue Streetscape	\$0	\$2,326,637	\$2,326,637
2022	James Garner Avenue - Acres to Duffy	\$0	\$5,299,573	\$5,299,573
2023	Tecumseh Road - 12th Ave NE to 24th Ave NE	\$6,096,035	\$9,651,847	\$3,555,812
2023	Constitution Street - Jenkins to Classen	\$3,887,558	\$6,420,336	\$2,532,778
2024	Traffic Management Center	\$3,000,000	\$3,234,000	\$234,000
2024	36th Avenue NW - North of Indian Hills Road to Moore City Limit	\$2,960,036	\$5,389,880	\$2,429,844
2025	36th Avenue SE - Cedar Lane Road to State Highway 9	\$5,075,939	\$7,933,797	\$2,857,858
2025	24th Avenue NE - Rock Creek Road to Tecumseh Road	\$6,517,674	\$9,987,616	\$3,469,942
2026	48th Avenue NW - Phase 4 - Franklin Road to Indian Hills Road	\$6,170,946	\$9,725,683	\$3,554,737
2027	Lindsey Street Special Corridor (Elm Avenue to Jenkins Avenue)	\$7,500,000	\$11,752,355	\$4,252,355
2027	Main Street / Gray Street Two-Way Conversion	\$0	\$10,330,601	\$10,330,601
2028	Indian Hills Road - 48th Avenue NW to Interstate 35	\$7,500,000	\$15,953,449	\$8,453,449
2028	Indian Hills Road and I-35 Interchange Match Funds	\$0	\$2,000,000	\$2,000,000
2029	48th Avenue NW - Phase 2 - Rock Creek Road to Tecumseh Road	\$5,429,862	\$8,065,899	\$2,636,037
2029	Lindsey Street Special Corridor (Pickard Avenue to Elm Avenue)	\$2,796,562	\$4,352,070	\$1,555,508
2030	Rock Creek Road - Queenston to 24th Avenue NE	\$4,279,193	\$6,393,690	\$2,114,498
	Project Management (2%)			\$2,900,000
	Total Cost	\$61,213,804	\$143,348,901	\$85,035,097



Future Transportation Bond Issue

Updated Costs

- Total Program Cost increased from \$125 million to \$143 million
- Federal participation increased from \$55 million to 61 million
- Total Cost of Bond Issue increased from \$70 million to \$85 million
- Recommended modifications:
 - Cedar Lane Road project - Use federal funds for construction (\$7.5 million)
 - Main Street / Gray Street Two-Way Conversion – include Gray Street only and postpone Main Street (\$5.3 million)



Revised Bond Issue with modifications - \$72.4 million

Recommended Final Project List

Construction Year	Project Location	Construction Cost (Federal Share)	Total Cost	Bond Cost
2020	Porter Avenue and Acres Street	\$0	\$3,369,542	\$3,369,542
2021	Jenkins Avenue - Imhoff Road to Lindsey Street	\$0	\$10,227,087	\$10,227,087
2021	Porter Avenue Streetscape	\$0	\$2,326,637	\$2,326,637
2022	James Garner Avenue - Acres to Duffy	\$0	\$5,299,573	\$5,299,573
2023	Cedar Lane Road - East of 24th Avenue SE to 36th Avenue SE	\$7,500,000	\$10,934,840	\$3,434,840
2023	Constitution Street - Jenkins to Classen	\$3,887,558	\$6,420,336	\$2,532,778
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2030	Tecumseh Road - 12th Ave NE to 24th Ave NE	\$6,096,035	\$9,651,847	\$3,555,812
2030	Rock Creek Road - Queenston to 24th Avenue NE	\$4,279,193	\$6,393,690	\$2,114,498
	Project Management (2%)			\$2,770,000
	Total Cost	\$68,713,805	\$138,318,301	\$72,374,497



Future Transportation Bond Issue

Proposed Implementation Schedule

FYE 2020

Porter Avenue and Acres Street

FYE 2021

Jenkins Avenue - Imhoff Road to Lindsey Street
Porter Avenue Streetscape - Alameda Street to Robinson Street

FYE 2022

James Garner Avenue Special Corridor - Phase 3

FYE 2023

Cedar Lane Road - East of 24th Avenue SE to 36th Avenue SE
Constitution Street - Jenkins Avenue to Classen Boulevard

FYE 2024

36th Avenue NW - Indian Hills Road to Moore City Limit
Traffic Management Center

FYE 2025

36th Avenue SE - Cedar Lane Road to State Highway 9
24th Avenue NE - Rock Creek Road to Tecumseh Road

FYE 2026

48th Avenue NW - Franklin Road to Indian Hills Road

FYE 2027

Lindsey Street - Elm Avenue to Jenkins Avenue
Gray Street Two-Way Conversion

FYE 2028

Indian Hills Road - 48th Avenue NW to Interstate 35
Indian Hills Road Interchange Match Funds

FYE 2029

48th Avenue NW - Rock Creek Road to Tecumseh Road
Lindsey Street - Pickard Avenue to Elm Avenue

FYE 2030

Rock Creek Road - Queenston Avenue to 24th Avenue NE
Tecumseh Road - 12th Avenue NE to 24th Avenue NE

