



Interlachen Park Street & Utility Improvements Project

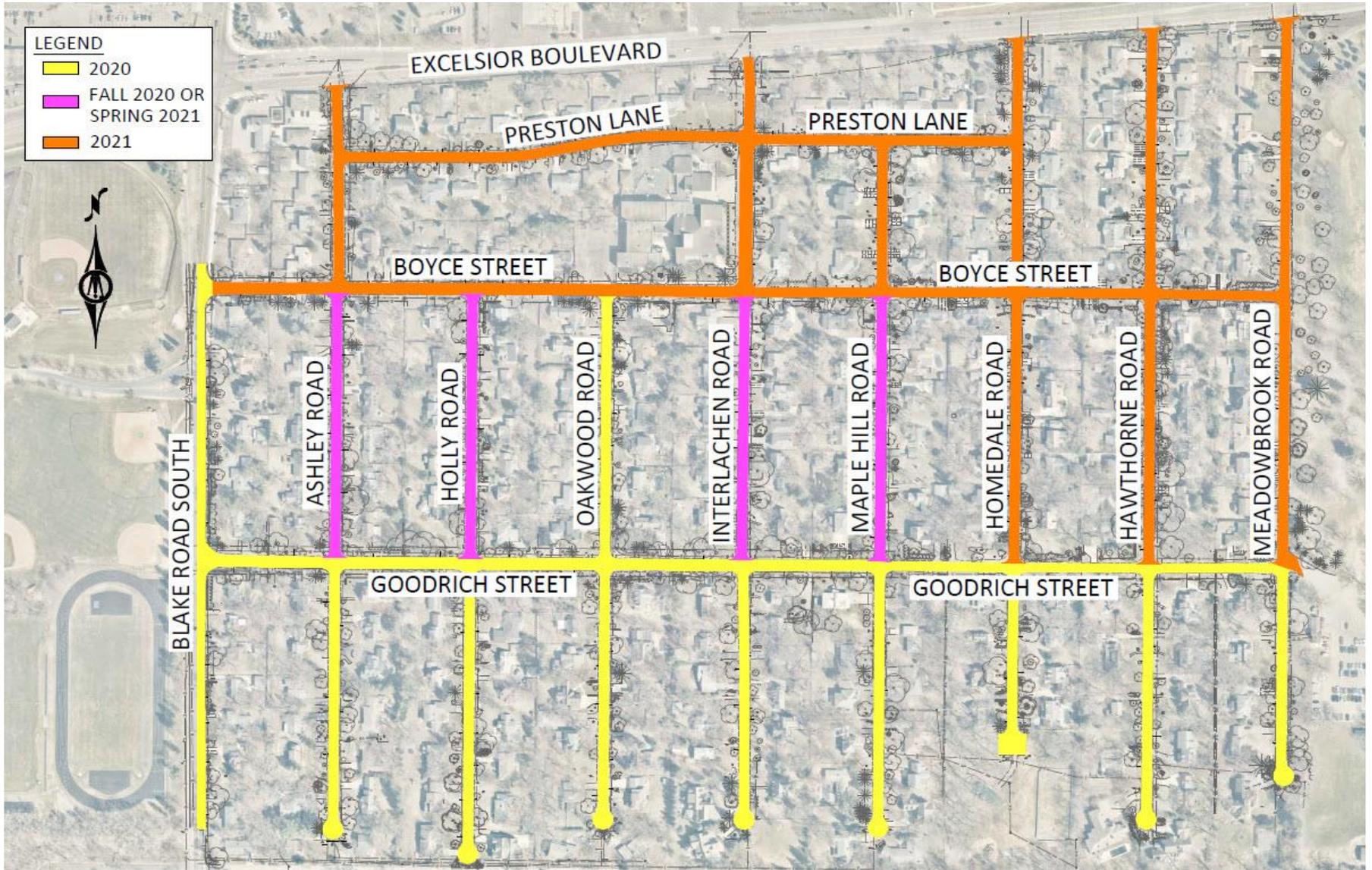
January 7, 2020

Presentation of Final Plans



Real People. Real Solutions.

Interlachen Park Project Area



Final Plans

CONSTRUCTION DRAWINGS FOR INTERLACHEN PARK STREET & UTILITY IMPROVEMENTS

CITY PROJECT NO. 2019-010
BMI PROJECT NO. T19.118342

RESOURCE LIST

UTILITIES
CENTERPOINT ENERGY
700 WEST LINDEN AVENUE
MINNEAPOLIS, MN 55403
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612-321-5363

CENTURYLINK
TERRA TECHNOLOGIES, LLC
MR. JOHN RUFF
651-295-2275

COMCAST
9705 DATA PARK
MINNETONKA, MN 55343
MR. TOM NIEDZIELSKI
651-493-5407

XCEL ENERGY
5300 WEST 70TH STREET
EDINA, MN 55439
MR. DAMON ERICKSON
651-229-2480
MR. JACOB MOCK
952-380-2657

CITY OF HOPKINS
PUBLIC WORKS
11100 EXCELSIOR BOULEVARD
HOPKINS, MN 55343

PUBLIC WORKS DIRECTOR
MR. STEVE STADLER, P.E.

CITY ENGINEER
MR. NATE STANLEY, P.E.

ASSISTANT CITY ENGINEER
MR. ERIC KLINGBELL, P.E.

STREETS & PARKS SUPERINTENDENT
MR. JAY STRACHOTA

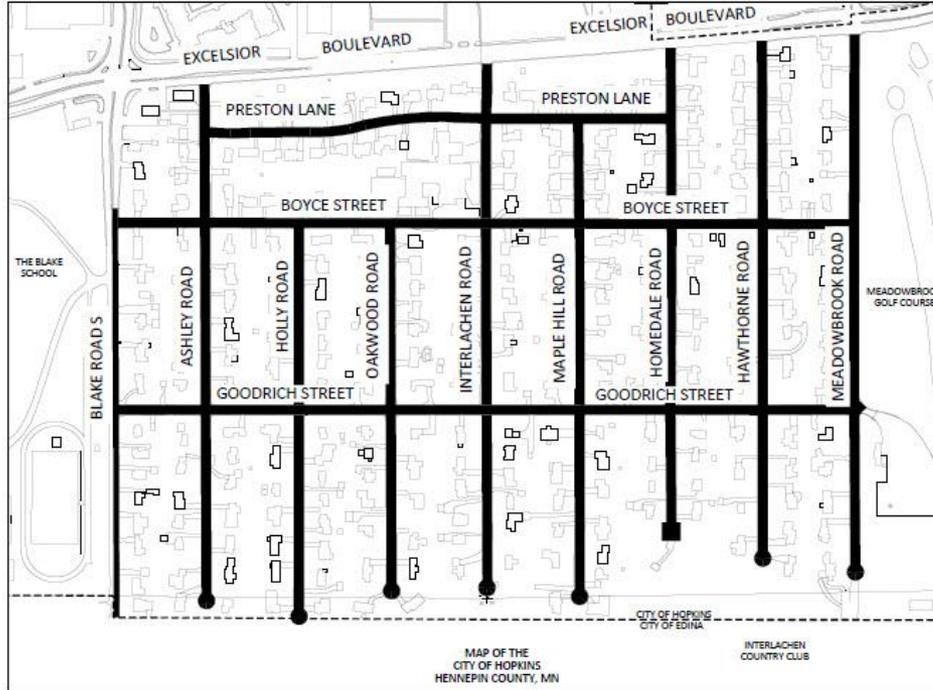
WATER & SEWER SUPERINTENDENT
MR. CHUCK AUTO

CONSULTING ENGINEER
BOLTON & MENK, INC.
12224 NICOLLET AVENUE
BURNSVILLE, MN 55337

PROJECT MANAGER
MR. MIKE WALTMAN, P.E.

PROJECT ENGINEER
MR. NICK AMATUCCIO, P.E.

RESIDENT PROJECT REPRESENTATIVE
MR. JOSH HRABE
612-965-2473



MAP OF THE CITY OF HOPKINS HENNEPIN COUNTY, MN INTERLACHEN COUNTRY CLUB

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION, OR REPORT WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MINNESOTA.

NICHOLAS J. AMATUCCIO, P.E. LIC. NO. 38638 DATE: _____

REVIEWED BY: _____ LIC. NO. 48656 DATE: _____

MICHAEL J. WALTMAN, P.E. LIC. NO. 48626 DATE: _____

REVIEWED & APPROVED BY: _____ LIC. NO. 48626 DATE: _____

ERIC KLINGBELL, P.E. HOPKINS ASSISTANT CITY ENGINEER

SHEET INDEX

SHEET NO.	GENERAL
06.01	UTILITY STREET
06.02	LEGEND
06.03	GENERAL CONSTRUCTION NOTES
06.04 - 06.10	TABULATIONS
C0.01 - C0.23	EXISTING CONDITIONS & REMOVALS
C1.01 - C1.04	CONSTRUCTION DETAILS
C1.05 - C1.15	TYPICAL SECTIONS
C1.16	TRAFFIC CONTROL & STAGING
C1.17 - C1.18	OVERALL STAGING PLAN
C1.19	BLAKE ROAD TRAFFIC CONTROL PLANS
C1.20	MEADOWBROOK GOLF COURSE DETOUR
C2.01	TEMPORARY WATER SPECIAL PLANS
C2.02	TEMPORARY WATER SPECIAL 1 - MEADOWBROOK GOLF COURSE
C2.03	TEMPORARY WATER SPECIAL 2 - CHURCH OF ST. GABRIEL
C2.04	TEMPORARY WATER SPECIAL 3 - 8311 EXCELSIOR BOULEVARD
C2.05 - C2.27	STORM WATER POLLUTION PREVENTION PLAN & EROSION CONTROL PLAN
C3.01	SWPPP - PROJECT INFORMATION
C3.02	SWPPP - NARRATIVE
C3.03	SWPPP - SOILS INFORMATION & USGS MAP
C3.04	EROSION CONTROL SITE DETAILS
C3.05 - C3.27	EROSION CONTROL PLANS
C4.01 - C4.02	SANITARY SEWER & WATERMAIN PLAN & PROFILES
C4.03 - C4.05	BLAKE ROAD'S
C4.06 - C4.07	ASHLEY ROAD
C4.08 - C4.09	HOLLY ROAD
C4.10 - C4.12	OAKWOOD ROAD
C4.13 - C4.15	INTERLACHEN ROAD
C4.16 - C4.18	MAPLE HILL ROAD
C4.19 - C4.21	HOMEDALE ROAD
C4.22 - C4.24	HAWTHORNE ROAD
C4.25 - C4.28	MEADOWBROOK ROAD
C4.29 - C4.32	GOODRICH STREET
C4.33 - C4.35	BOYCE STREET
C4.36 - C4.40	PRESTON LANE
C4.41 - C4.46	SANITARY LINING - INTERLACHEN PARK & SIDEYARD EASEMENTS CITY WIDE SANITARY SEWER LINING
C5.01	STORM SEWER PLAN & PROFILES
C5.02 - C5.04	BLAKE ROAD'S
C5.05 - C5.06	ASHLEY ROAD
C5.07	HOLLY ROAD
C5.08 - C5.09	OAKWOOD ROAD
C5.10	INTERLACHEN ROAD
C5.11	MAPLE HILL ROAD
C5.12 - C5.13	HOMEDALE ROAD
C5.14 - C5.15	HAWTHORNE ROAD
C5.16	MEADOWBROOK ROAD
C5.17 - C5.19	GOODRICH STREET
C5.20 - C5.22	BOYCE STREET PRESTON LANE
C6.01 - C6.02	STREET PLAN & PROFILES
C6.03 - C6.05	BLAKE ROAD'S
C6.06 - C6.07	ASHLEY ROAD
C6.08 - C6.09	HOLLY ROAD
C6.10 - C6.12	OAKWOOD ROAD
C6.13 - C6.15	INTERLACHEN ROAD
C6.16 - C6.18	MAPLE HILL ROAD
C6.19 - C6.21	HOMEDALE ROAD
C6.22 - C6.24	HAWTHORNE ROAD
C6.25 - C6.28	MEADOWBROOK ROAD
C6.29 - C6.32	GOODRICH STREET
C6.33 - C6.35	BOYCE STREET
C6.36 - C6.69	PRESTON LANE
C6.70	INTERSECTION DETAILS RETAINING WALLS
C8.01 - C8.07	STANDARD PLATES & PLANS
C9.01 - C9.06	STANDARD PLATES & PLANS
C9.07 - C9.12	CROSS SECTIONS
C9.13 - C9.17	BLAKE ROAD'S
C9.18 - C9.22	ASHLEY ROAD
C9.23 - C9.31	HOLLY ROAD
C9.32 - C9.37	OAKWOOD ROAD
C9.38 - C9.44	INTERLACHEN ROAD
C9.45 - C9.51	MAPLE HILL ROAD
C9.52 - C9.58	HOMEDALE ROAD
C9.59 - C9.68	HAWTHORNE ROAD
C9.69 - C9.75	MEADOWBROOK ROAD
C9.76 - C9.80	GOODRICH STREET
0.01 - 0.04	BOYCE STREET PRESTON LANE TREE PLANTING PLANS

THIS PLAN SET CONSISTS OF 312 SHEETS



DATE	BY	DESCRIPTION
08/20/21	NA/MW	PROJECT NO. 2019-010
08/20/21	NA/MW	PROJECT NO. T19.118342

HOPKINS, MINNESOTA
INTERLACHEN PARK STREET & UTILITY IMPROVEMENTS
TITLE SHEET

SHEET
GO.01



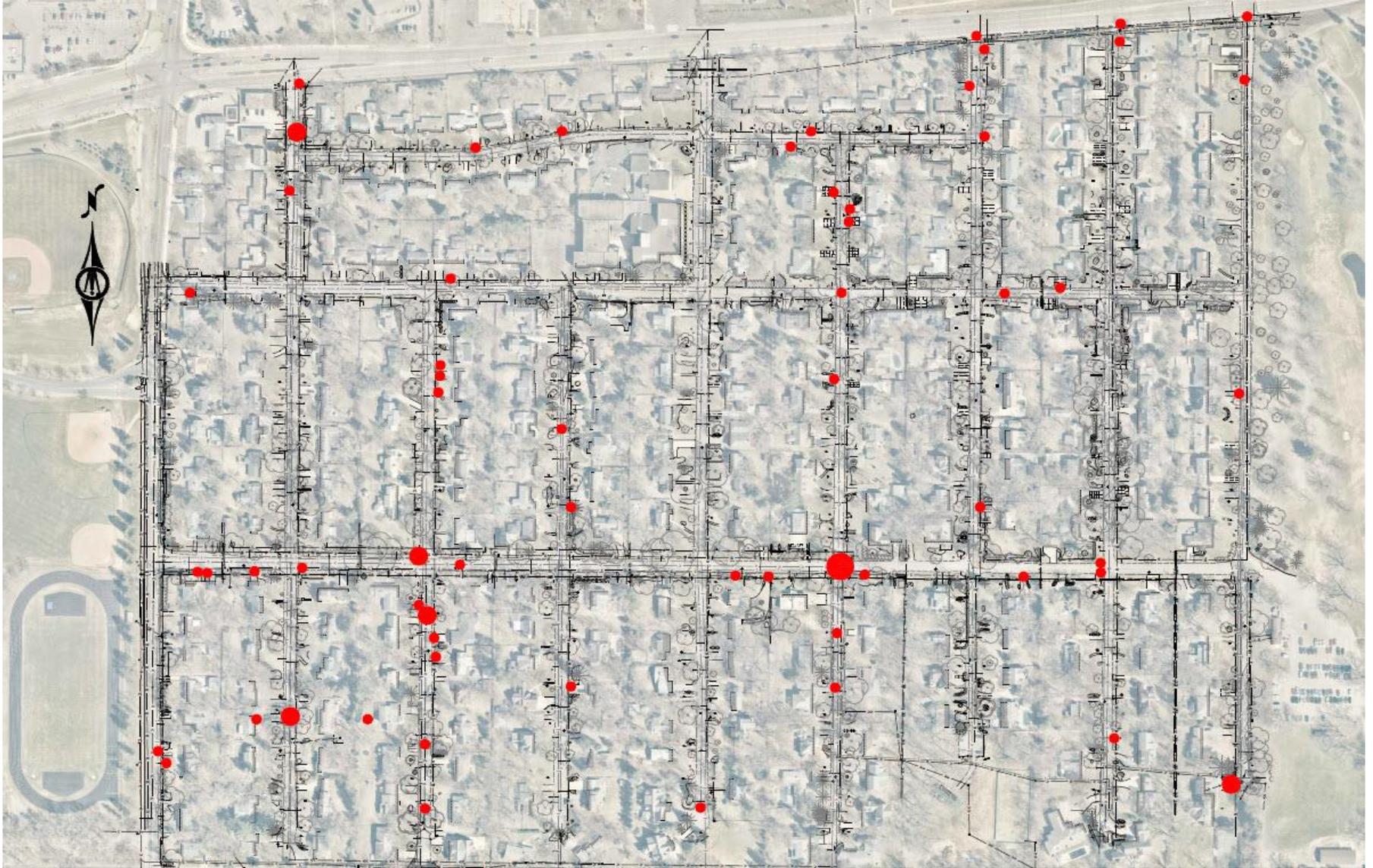
Sanitary Sewer Improvements



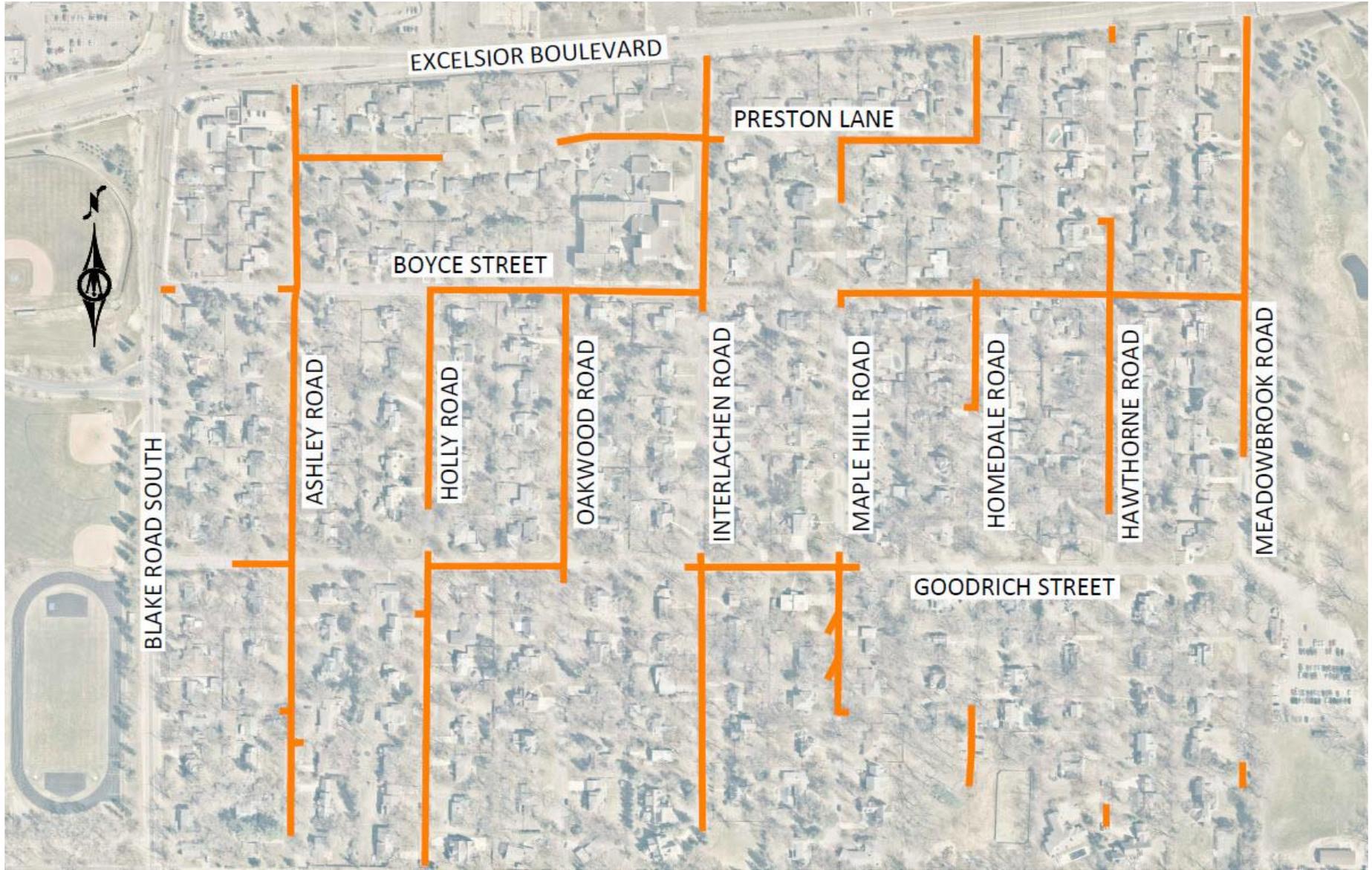
Watermain Improvements



Drainage Issues Identified



Storm Sewer Improvements



Boulevard Trees

Trees may be removed for one of the following reasons:

- Susceptible to disease or invasive species – Ash trees
- Poor condition – dead, dying, leaning, etc.
- Conflict with utilities (sewer and water lines)
- Conflict with road construction or grading

On average, 3.5 boulevard trees per block are identified for removal



Source: extension.umn.edu/tree-and-shrub-insects/emerald-ash-borers



Tree Impact Coordination Process

- 1. City inventory and inspection of tree species and quality**
- 2. Preliminary design process**
- 3. Initial tree survey to residents**
- 4. Arborist review/confirmation of tree condition and species**
- 5. Coordination on impacts due to species (Ash Trees)**
- 6. Coordination on impacts due to utility replacements**
 - Televised inspection (camera in pipe) of service lines to confirm / deny ability for trenchless replacement
 - 9 houses televised to date, more televising in Feb/March
- 7. Property owner requests species preference for tree replacement**



Tree Impact Coordination Process

- 8. Follow up letters sent in December as a final reminder to properties where no response received from original letter**
 - January 3rd response deadline
- 9. Property owner decisions on utility service lines**
 - If sewer service can be lined, does property owner want to pay additional cost for trenchless replacement?
 - Does property owner want to investigate trenchless or relocation options for their water service line at an additional cost?



Tree Impact Coordination Process

TREE RESPONSE SUMMARY AS OF 1/6/20					
REASON FOR REMOVAL	NUMBER OF TREE REMOVALS AS OF 6/15/19	NUMBER OF TREE REMOVALS AS OF 9/1/19	NUMBER OF TREE REMOVALS AS OF 11/1/19	TOTAL RESPONSES RECEIVED	NUMBER OF TREE REMOVALS AS OF 1/6/20
HEALTH/CONDITION	36	25	29	19	29
UTILITY CONFLICT	69	58	51	20	49
SPECIES	65	63	64	39	58
STREET CONFLICT	29	14	9	2	7
TOTALS	199	160	153	80	143



Street Improvements

➤ Proposed Street Section

- 4" Bituminous Asphalt Pavement
- 8" Aggregate Base
- 1' to 2' of Sand or Stabilizing Aggregate where soil corrections are necessary
- B612 Concrete Curb & Gutter

➤ Proposed Street Widths

- Consistent widths on each block
- 24' to 30' Curb Face to Curb Face
- Generally matching existing widths

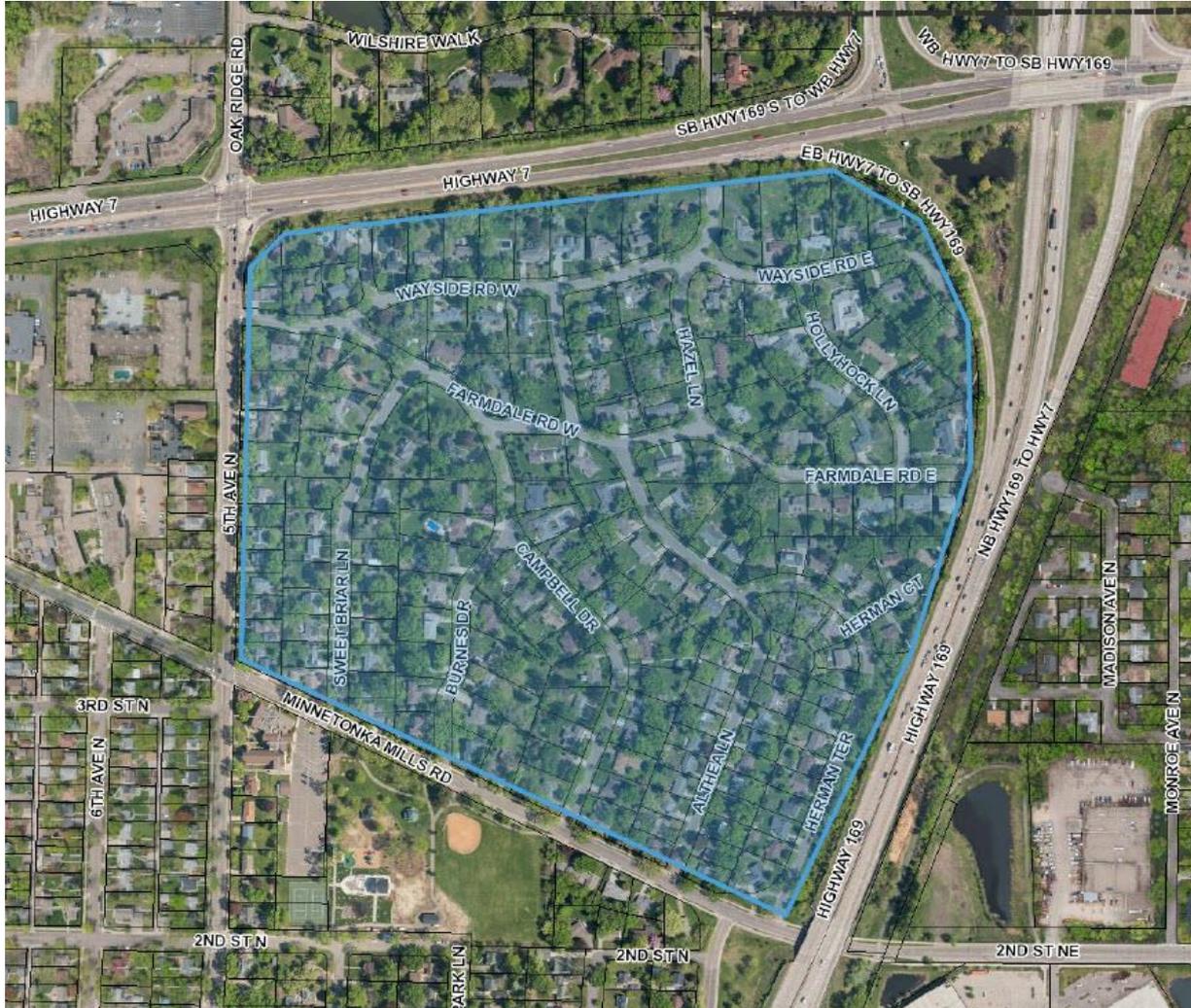


➤ 0.5% Minimum Grades for Improved Drainage

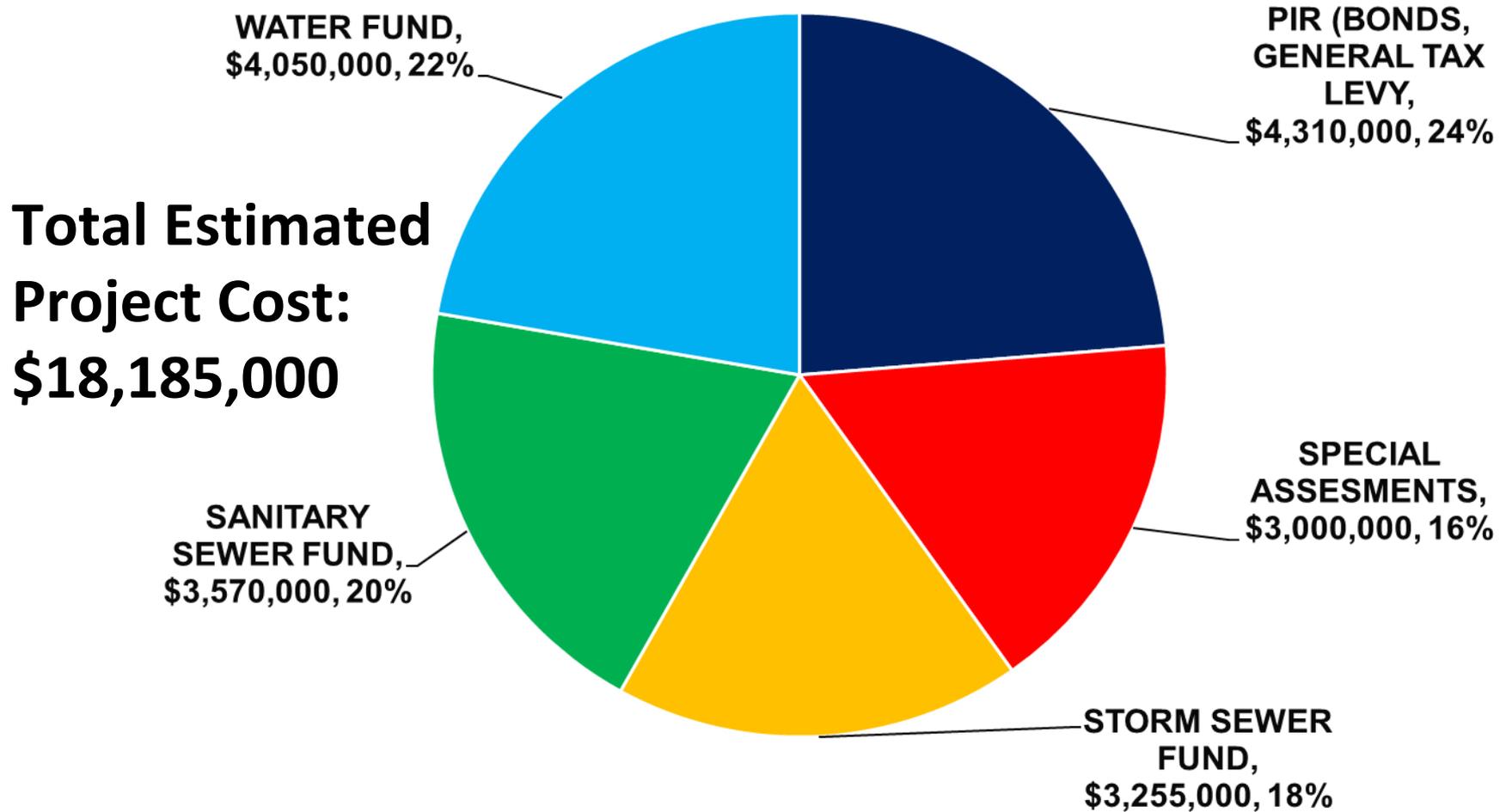


Other Improvements

Sanitary Sewer Lining



Project Budget and Costs



Project Budget and Costs

Funding Source	CIP Budget	Feasibility Estimate	Engineers Estimate
PI-PIR/General Obligation Bonds	\$ 6,064,000	\$ 4,728,000	\$ 4,308,871.61
Assessments	\$ 3,200,000	\$ 3,200,000	\$ 3,000,000.00
Storm Sewer	\$ 1,760,000	\$ 3,304,000	\$ 3,255,851.35
Sanitary Sewer	\$ 3,214,000	\$ 3,214,000	\$ 3,569,124.49
Water	\$ 3,722,000	\$ 3,722,000	\$ 4,048,372.92
Total	\$ 17,960,000	\$ 18,168,000	\$ 18,182,220.37



Timeline of Events

- **March 19** – Council ordered Feasibility Report
- **June 25** – Neighborhood Meeting 1
- **August 5** – Neighborhood Meeting 2
- **August 20** – Council ordered public improvement hearing
- **September 11** – Neighborhood Meeting 3
- **September 17** – Council ordered final plans
- **September 24, 25 and October 9** – Meetings with a group of residents for curb and tree discussion
- **October 15** – Council direction regarding B612 Curb & Gutter



Project Schedule

- **January 7** – City Council considers approval of plans and authorizing bidding
- **February 7** – Open Bids
- **February 18** – City Council orders public assessment hearing
- **March 12** – Neighborhood Meeting 4
- **March 16** – City Council Meeting
 - Conduct public hearing on assessments
 - Consider adopting assessments, awarding contract
- **April 2020 to November 2021** – Construction

www.Hopkins-Interlachen.com

