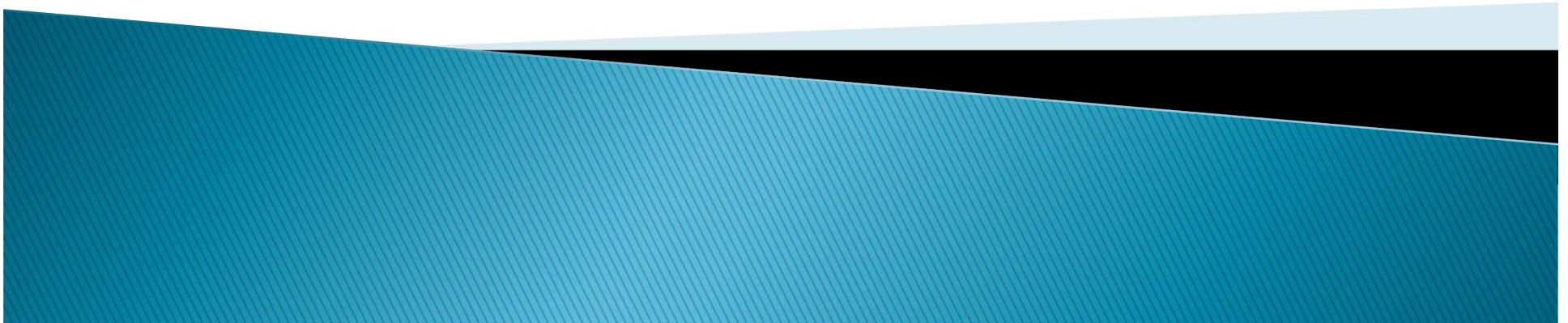


2019 Shepard Ter, Chamberlain Ave, Van Hise Ave, Mason St Construction Project

Public Information Meeting
August 13, 2018

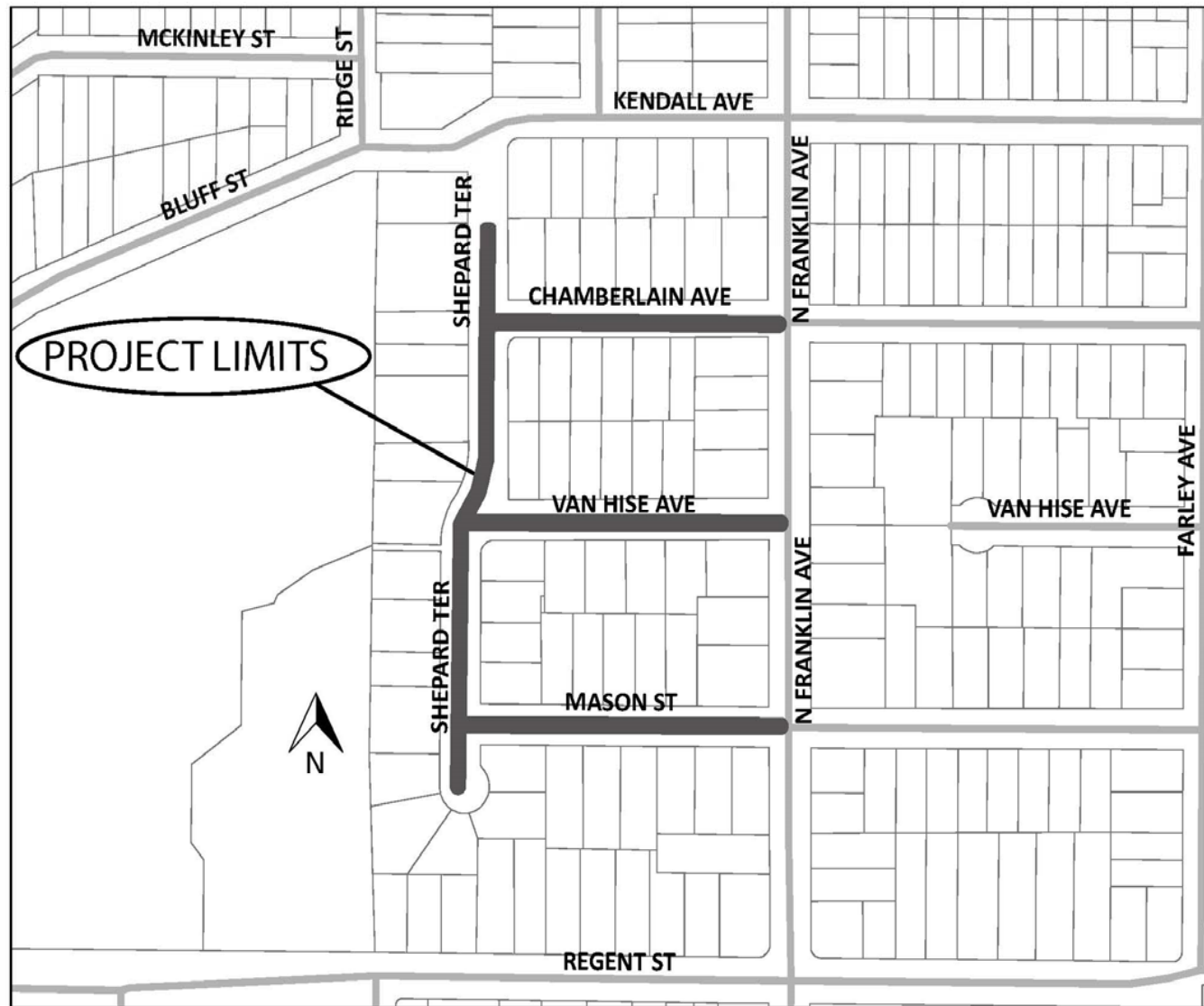


Preview of Presentation

- ▶ 20 Minute Presentation on Proposed Project
- ▶ Existing Conditions
- ▶ Proposed Street & Utility Design
- ▶ Forestry Info
- ▶ Assessment Policy & Costs
- ▶ Project Schedule
- ▶ Construction
- ▶ Contacts
- ▶ Discussion



Location



Existing Conditions–Shepard Tr

Item	Existing Condition
Last Surfaced	1990
Pavement Rating	3 / 10
Curb Rating	6 / 10
Width	30'
Surface	Asphalt
Sidewalk	Partial (West Side)
Sanitary	8" Vitrified Clay 1949 & 1951
Water	6" Cast Iron 1940
Storm	North end, 1960s Conc.

Existing Conditions–Chamberlain Ave

Item	Existing Condition
Last Surfaced	1990
Pavement Rating	3 / 10
Curb Rating	5 / 10
Width	30'
Surface	Asphalt
Sidewalk	Partial (South Side)
Sanitary	8" Vitrified Clay 1949
Water	6" Cast Iron 1940
Storm	None

Existing Conditions–Van Hise Ave

Item	Existing Condition
Last Surfaced	1990
Pavement Rating	3 / 10
Curb Rating	6 / 10
Width	30'
Surface	Asphalt
Sidewalk	Partial (South Side)
Sanitary	8" Vitrified Clay 1941
Water	6" Cast Iron 1940
Storm	None

Existing Conditions–Mason St

Item	Existing Condition
Last Surfaced	1990
Pavement Rating	3 / 10
Curb Rating	7 / 10
Width	30'
Surface	Asphalt
Sidewalk	Partial (South Side)
Sanitary	8" Vitrified Clay 1946
Water	6" Cast Iron 1948
Storm	None

Proposed Design–Shepard Tr

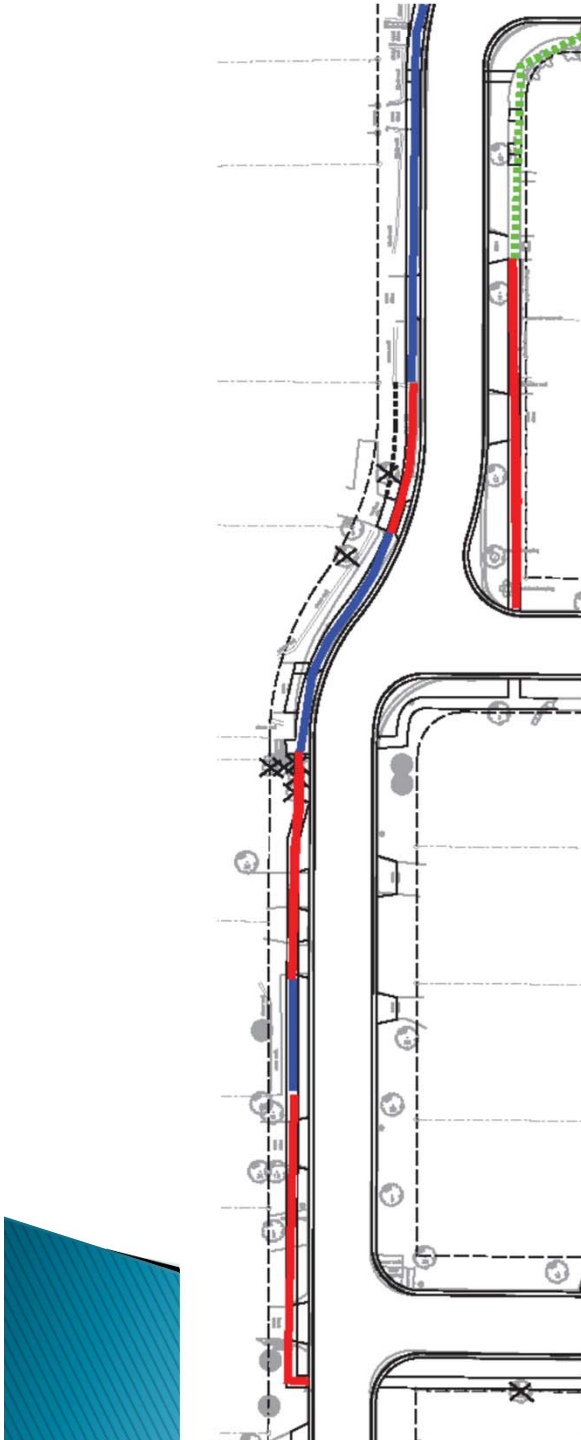
- ▶ Replace asphalt pavement and stone base
 - Street width will remain similar as it is now – 30'
- ▶ Replace curb & gutter and driveway aprons
 - Driveway aprons will be replaced with concrete or asphalt depending on driveway material
- ▶ Replace sidewalk
 - Along the west side of the street
- ▶ New sidewalk
 - Connect from Hoyt Park to Kendall Ave along west side of Shepard Tr
 - Connect from Hoyt Park to new sidewalk along south side of Mason St
 - Connect from Chamberlain Ave to new sidewalk along Van Hise Ave along the east side of the street

Proposed Design-Shepard Tr



Proposed Design- Shepard Tr

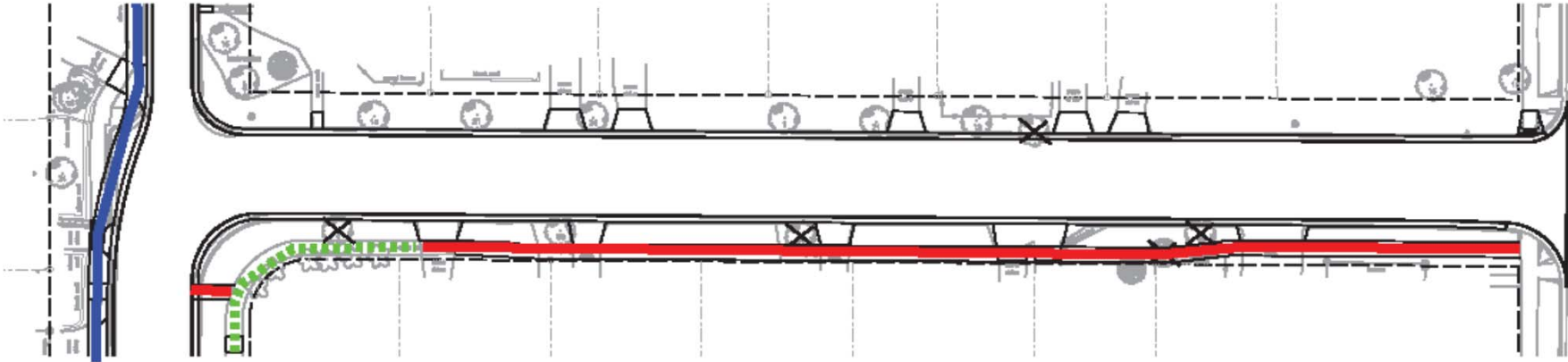
- ▶ Proposed Sidewalk Layout
 - Existing Sidewalk to be Replaced
 - Proposed Sidewalk
 - Existing Sidewalk to Remain



Proposed Design–Chamberlain Ave

- ▶ Replace asphalt pavement and stone base
 - Street width will remain similar as it is now – 30'
- ▶ Replace curb & gutter and driveway aprons
 - Driveway aprons will be replaced with concrete or asphalt depending on driveway material
- ▶ Spot replace sidewalk as needed
 - Southeast corner of Shepard Tr/Chamberlain Ave intersection
- ▶ New sidewalk
 - Connect from the Shepard Tr/Chamberlain Ave to N Franklin Ave intersection along south side of the street

Proposed Design–Chamberlain Ave



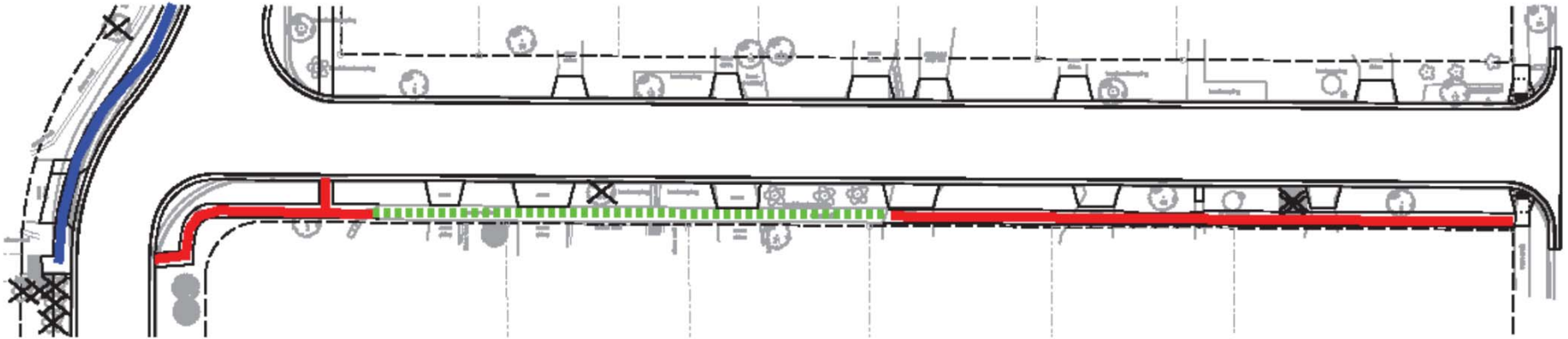
- ▶ Proposed Sidewalk Layout
 - Existing Sidewalk to be Replaced
 - Proposed Sidewalk
 - Existing Sidewalk to Remain

Proposed Design–Van Hise Ave

- ▶ Replace asphalt pavement and stone base
 - Street width will remain similar as it is now – 30'
- ▶ Replace curb & gutter and driveway aprons
 - Driveway aprons will be replaced with concrete or asphalt depending on driveway material
- ▶ Spot replace sidewalk as needed
 - Partial on the south side of the street
- ▶ New sidewalk
 - Connect from the Shepard Tr/Van Hise Ave intersection to existing mid-block portion along the south side of the street
 - Connect from existing mid-block portion to N Franklin Ave along south side of the street



Proposed Design–Van Hise Ave

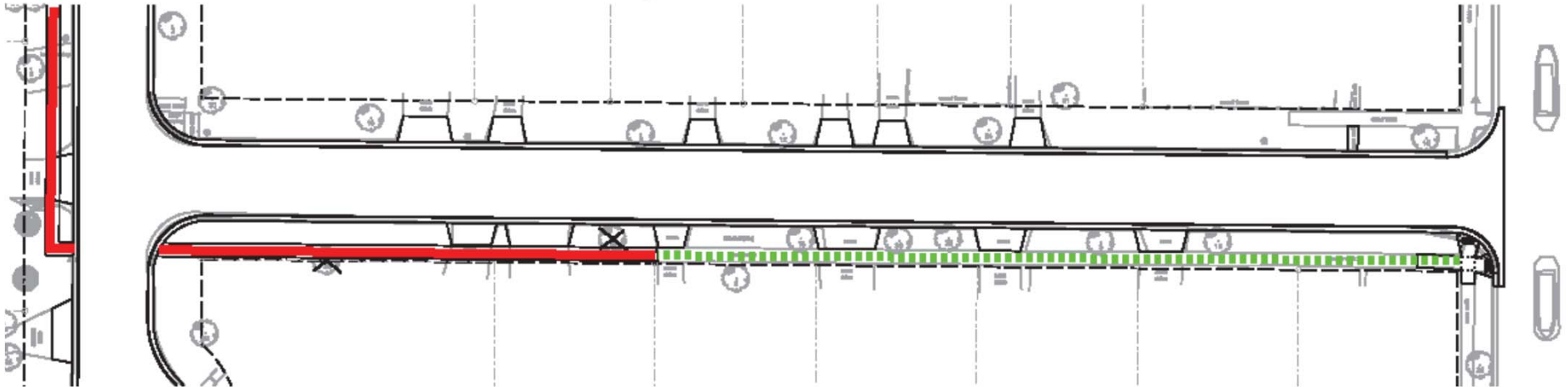


- ▶ Proposed Sidewalk Layout
 - Existing Sidewalk to be Replaced
 - Proposed Sidewalk
 - Existing Sidewalk to Remain

Proposed Design–Mason St

- ▶ Replace asphalt pavement and stone base
 - Street width will remain similar as it is now – 30'
- ▶ Replace curb & gutter and driveway aprons
 - Driveway aprons will be replaced with concrete or asphalt depending on driveway material
- ▶ Spot replace sidewalk as needed
 - Partial on the south side of the street connected to N Franklin Ave
- ▶ New sidewalk
 - Connect from the Shepard Tr/Mason St intersection to existing mid-block portion along south side of the street

Proposed Design–Mason St

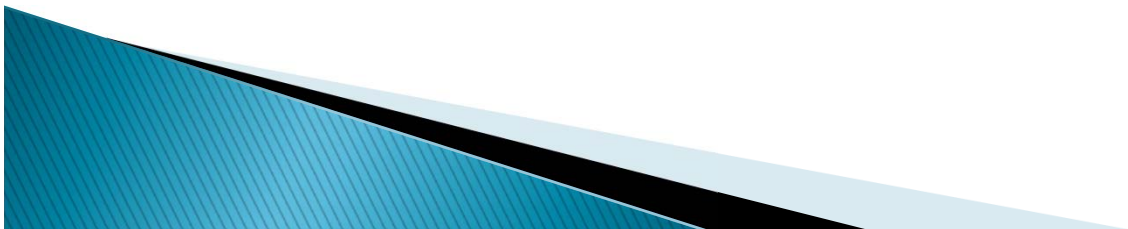


- ▶ Proposed Sidewalk Layout
 - Proposed Sidewalk
 - Existing Sidewalk to Remain

Proposed Utility Design

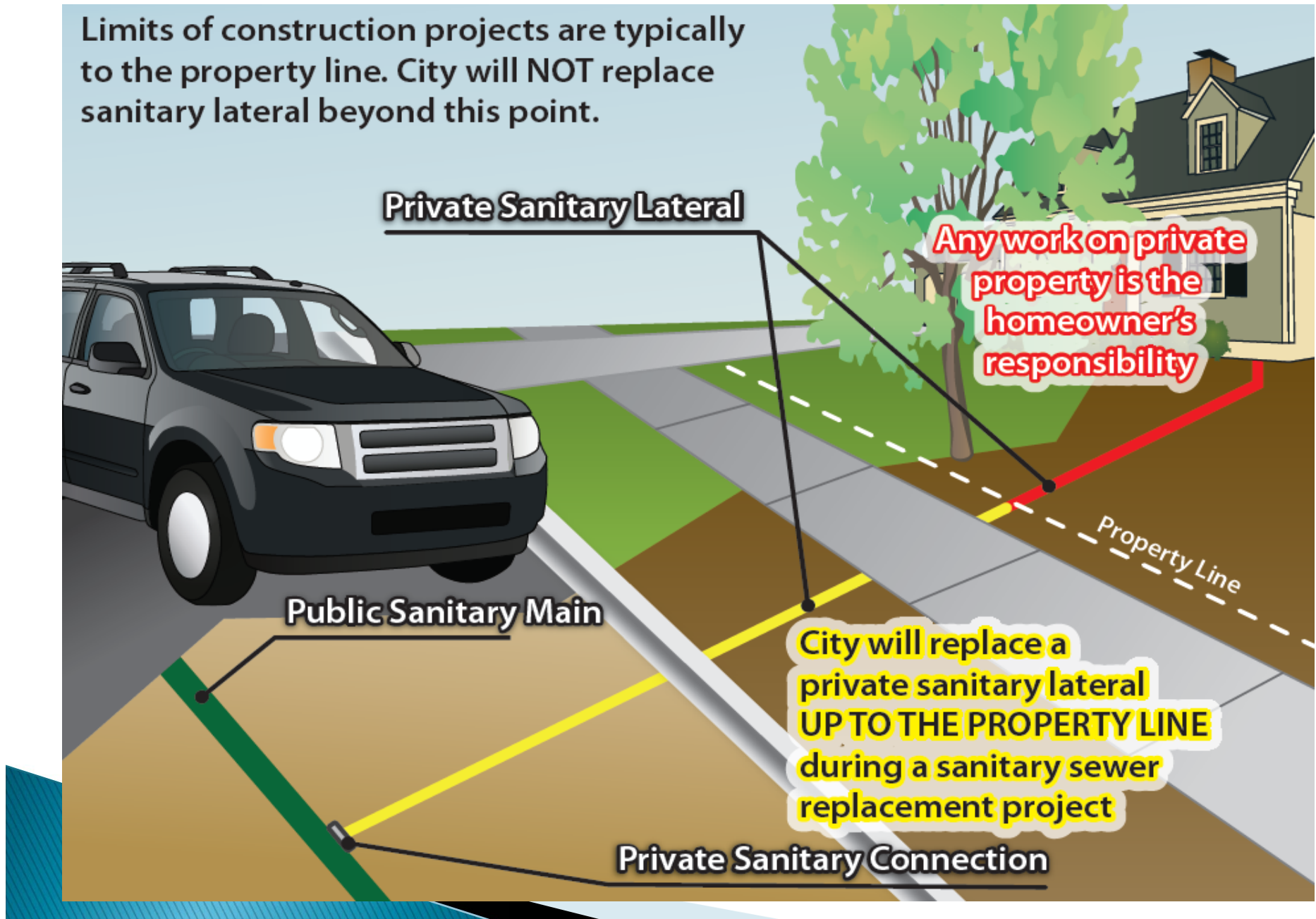
► Utility Replacements:

- Install new 8" PVC sanitary sewer in the street
 - Replace sanitary sewer laterals to the property line
- Located in the street for length of project servicing properties
- New areas of storm sewer will be evaluated during the design process.
- Existing water main will remain and not be replaced.



Utility Details – Sewer Lateral

Limits of construction projects are typically to the property line. City will NOT replace sanitary lateral beyond this point.



Forestry

- ▶ City Engineering has reviewed the project with City Forestry & a Forestry rep will work with contractor & inspector during construction
- ▶ Terrace trees will be pruned prior to construction to provide required clearance above street
- ▶ Locations of known removals:
 - 122 Shepard Tr (Cottonwood)
 - 202 Shepard Tr (Crabapple*)
 - 217 Shepard Tr (Turkish Filbert)
 - 2819 Chamberlain Ave (Norway Maple)
 - 2814 Chamberlain Ave (Hickory)
 - 214 N Franklin Ave (Spruce* & Silver Maple)
 - 2821 Van Hise Ave (Norway Maple)
 - 126 N Franklin Ave (2-Arbor Vitae*)
 - 25 Shepard Tr (Silver Maple)
 - 2819 Mason St (Norway Maple)



*sidewalk installation

Forestry

- ▶ Reasons for removals include:
 - Poor health/condition
 - Sidewalk installation
- ▶ Methods of tree protection include:
 - Design of street (maintaining existing curb & gutter locations)
 - Narrow sidewalk to 4' around sensitive trees
 - 2823 Chamberlain Ave
 - 2809 Van Hise Ave
 - Curb construction methods
 - Bends & limits of work for sewer laterals
- ▶ When the project is complete, Forestry will evaluate terrace for potential tree planning locations

Assessment Policy & Costs

Item	Property Owner Share	City Share
Curb and Gutter*	50%	50%
Sidewalk Replacement	50%	50%
Drive Aprons	50%	50%
New Sidewalk	100%	0%
Intersect. Curb & Pvmt.	0%	100%
Sanitary Sewer Main	0%	100%
Sanitary Laterals	25%	75%
Storm Sewer Main	0%	100%
Priv Storm Connects	100% (if any)	0%

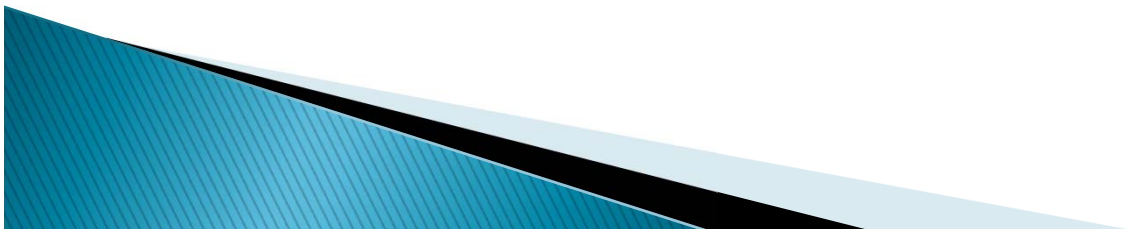
*Curb assessed per linear ft. of frontage

Assessment Policy & Costs

- ▶ Approximate property owner costs for items
 - Driveway apron replacement approx. \$800 each
 - New sidewalk (replacement of 200 square feet at \$8/square foot) approx. \$1,600
 - Eligible for Safe Route grant, covers 50% cost of new sidewalk
 - Existing sidewalk replacement reduced by 50%
 - Curb & gutter (replacement of 50' at \$20/foot) approx. \$1,000
 - Sewer lateral replacement approx. \$2,000 each
 - For 50' of lot frontage estimate: \$5,400
 - Frontages vary 30'–130'

Assessment Policy & Costs

- ▶ Assessments can be paid in lump sum or typically over 8 years with 3% interest
- ▶ Final assessments will be billed in the spring of 2020, following the project completion
- ▶ Final assessments will be calculated based on bid prices, measured quantities & the safe routes grant



Project Schedule

- ▶ Mail estimated assessments and Public Hearing Notice – August 24, 2018
- ▶ BPW Public Hearing – September 5, 2018
- ▶ CC Hearing – September 25, 2018
- ▶ Advertise for Bids – October 11, 2018
- ▶ Start Construction– April 1, 2019

Construction

- ▶ Road closed during project, local traffic only
- ▶ Street parking removed during working hours (7am–7pm) for project duration
- ▶ Residential driveways accessible for most of project but closed up to a cumulative total of 20 days, contractor will notify ahead of time
 - Not accessible when contractor is working directly in front
 - Closed when curb & gutter installed
 - Closed when driveway apron installed
- ▶ Sanitary sewer will be out of service for a couple of hours when new lateral is connected to existing
- ▶ Approx. 4 months to complete work
- ▶ Potential opportunity for installing rain gardens with the project within the terrace as a cost share between the City and property owner.

Construction

- ▶ Existing timber, brick or stone walls and landscaping plantings along the street or within the right-of-way will likely be impacted if it conflicts with curb & gutter, sidewalk or sanitary sewer installation
 - If you wish to save any landscaping, it should be removed prior to the start of work in the spring of 2019
- ▶ Stone or brick pavers within the right-of-way on or adjacent to your driveway that you wish to save should be removed prior to construction and reinstalled by you after construction is complete
- ▶ After construction, disturbed areas will be covered with 6 inches of topsoil, erosion mat and seed
 - The contractor is responsible for 10 days of watering. After 10 days, it will be up to the resident to continue to water and mow in order for healthy grass to establish

Contact Information/Discussion

- ▶ Project Manager – Andrew Zwieg, 266-9219, azwieg@cityofmadison.com
- ▶ Sanitary & Storm Sewer Design – Elia Acosta 266-4096, eacosta@cityofmadison.com
- ▶ Water Utility – Adam Wiederhoeft 266-9121, awiederhoeft@madisonwater.org
- ▶ Traffic & Parking– Mark Winter, 266-6543, mwinter@cityofmadison.com
- ▶ Forestry – Marla Eddy, 266-4450, meddy@cityofmadison.com
- ▶ Construction Project Manager – John Fahrney, 266-9091, jfahrney@cityofmadison.com
- ▶ Project Website: Go to Google → Type in “City of Madison Shepard Terrace”
 - <http://www.cityofmadison.com/engineering/projects/shepard-ter-chamberlain-ave-van-hise-ave-and-mason-st-resurfacing>