

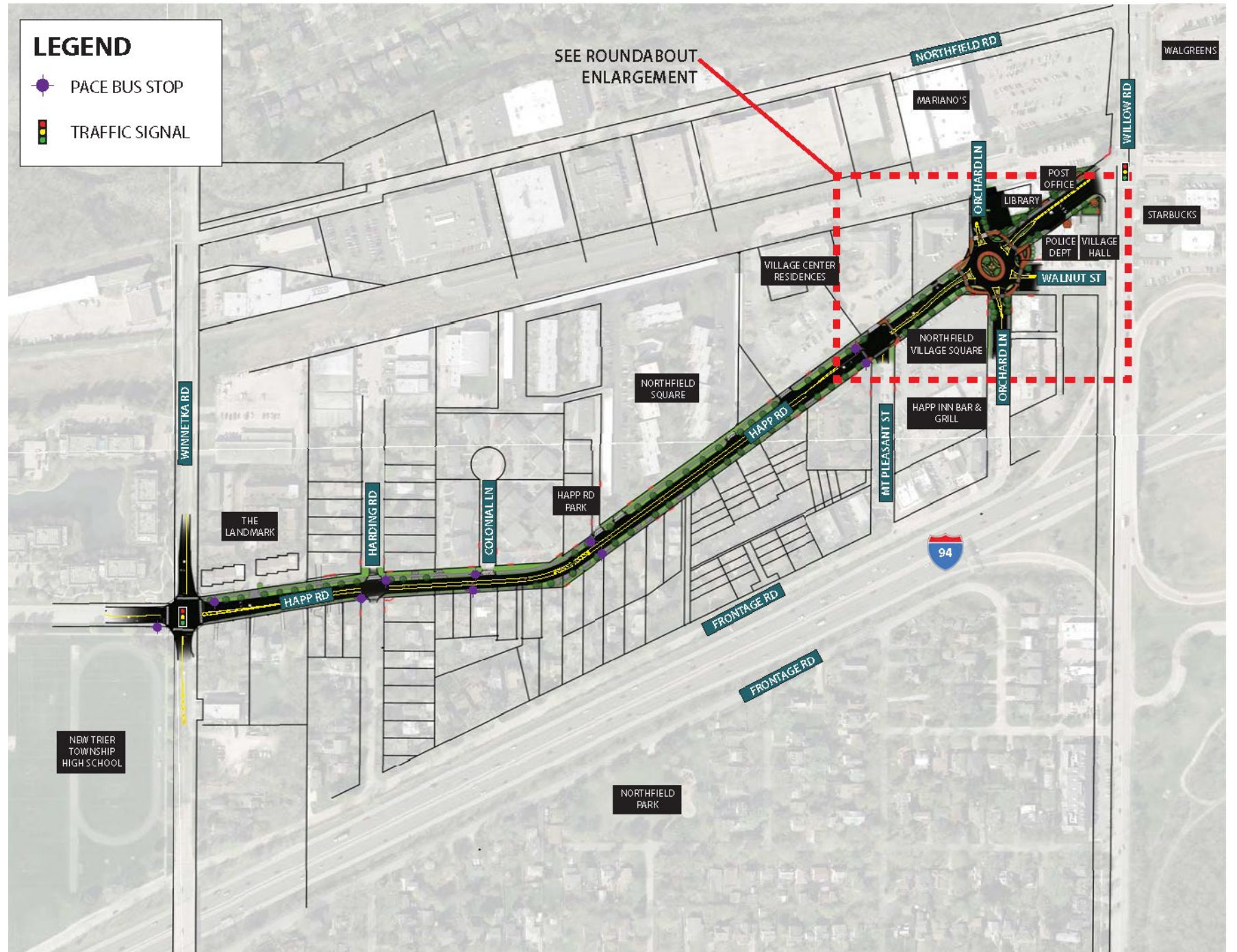
Happ Road Streetscape + Placemaking

Village of Northfield | Village Board Presentation | May 16, 2023



HAPP ROAD RECONSTRUCTION

Phase 1
Public Meeting Materials
Feb 19, 2020



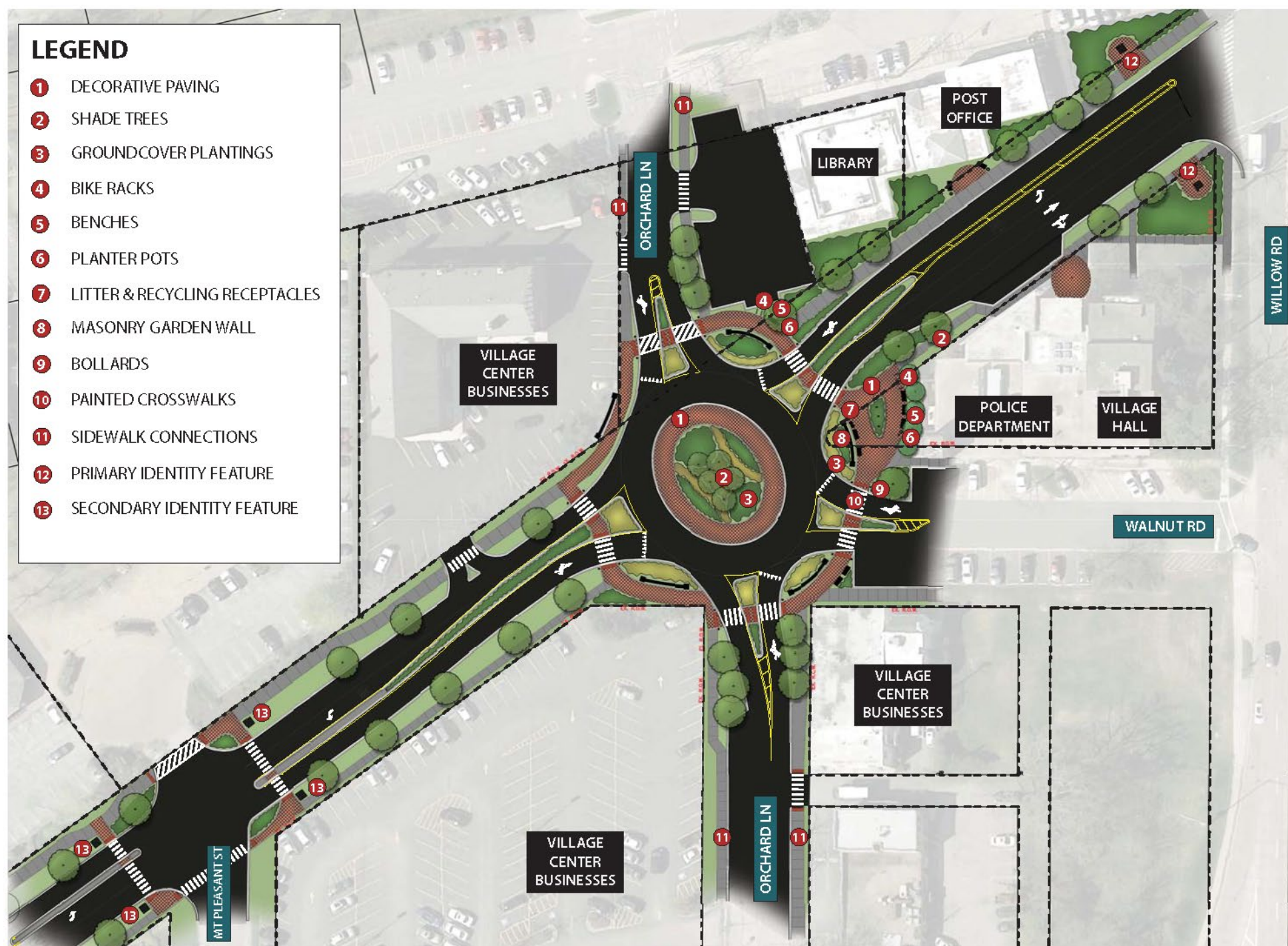
HAPP ROAD RECONSTRUCTION

Phase 1

Public Meeting Materials

Feb 19, 2020

LEGEND	
1	DECORATIVE PAVING
2	SHADE TREES
3	GROUNDCOVER PLANTINGS
4	BIKE RACKS
5	BENCHES
6	PLANTER POTS
7	LITTER & RECYCLING RECEPTACLES
8	MASONRY GARDEN WALL
9	BOLLARDS
10	PAINTED CROSSWALKS
11	SIDEWALK CONNECTIONS
12	PRIMARY IDENTITY FEATURE
13	SECONDARY IDENTITY FEATURE



PHASE 2 ENGINEERING | STANDARD ROADWAY IMPROVEMENTS

- **ROADWAY PAVEMENTS**
- **SIDEWALK PAVEMENTS**
- **ADA CURB RAMPS + PAINTED CROSSWALKS**
- **TREE REPLACEMENTS**
- **LANDSCAPE RESTORATION (SEED/SOD)**



PHASE 2 ENGINEERING | PLACEMAKING OPPORTUNITIES

- **DECORATIVE TRAFFIC SIGNALS**
- **DECORATIVE PEDESTRIAN LIGHTS**
- **PLAZA AREAS:** *expanded pavements, masonry garden walls, benches, planter pots, bike racks, bollards, trash/recycling receptacles*
- **ROUNDAABOUT FOUNTAIN FEATURE**
- **IDENTITY SIGNAGE FEATURES**



PLACEMAKING OPPORTUNITIES | DECORATIVE TRAFFIC SIGNALS



DECORATIVE TRAFFIC SIGNALS | QTY 5 EA.

BASE COST (CCDOH STANDARD) \$ 102,500

ADDITIONAL COST FOR ENHANCEMENTS \$ 24,500

TOTAL COST \$ 127,000

CONSIDER FUTURE IMPLEMENTATION? Requires future attachment of decorative clamp-on base and pole painting

CONSIDER A BID ALTERNATE? Yes

ADDITIONAL NOTE: CCDOTH jurisdiction, ownership, and maintenance. CCDOTH typically prefers no decorative poles.

PLACEMAKING OPPORTUNITIES | DECORATIVE PEDESTRIAN LIGHTS



DECORATIVE PEDESTRIAN LIGHTS | QTY 23 EA.

BASE COST (CCDOH STANDARD) \$ 184,000

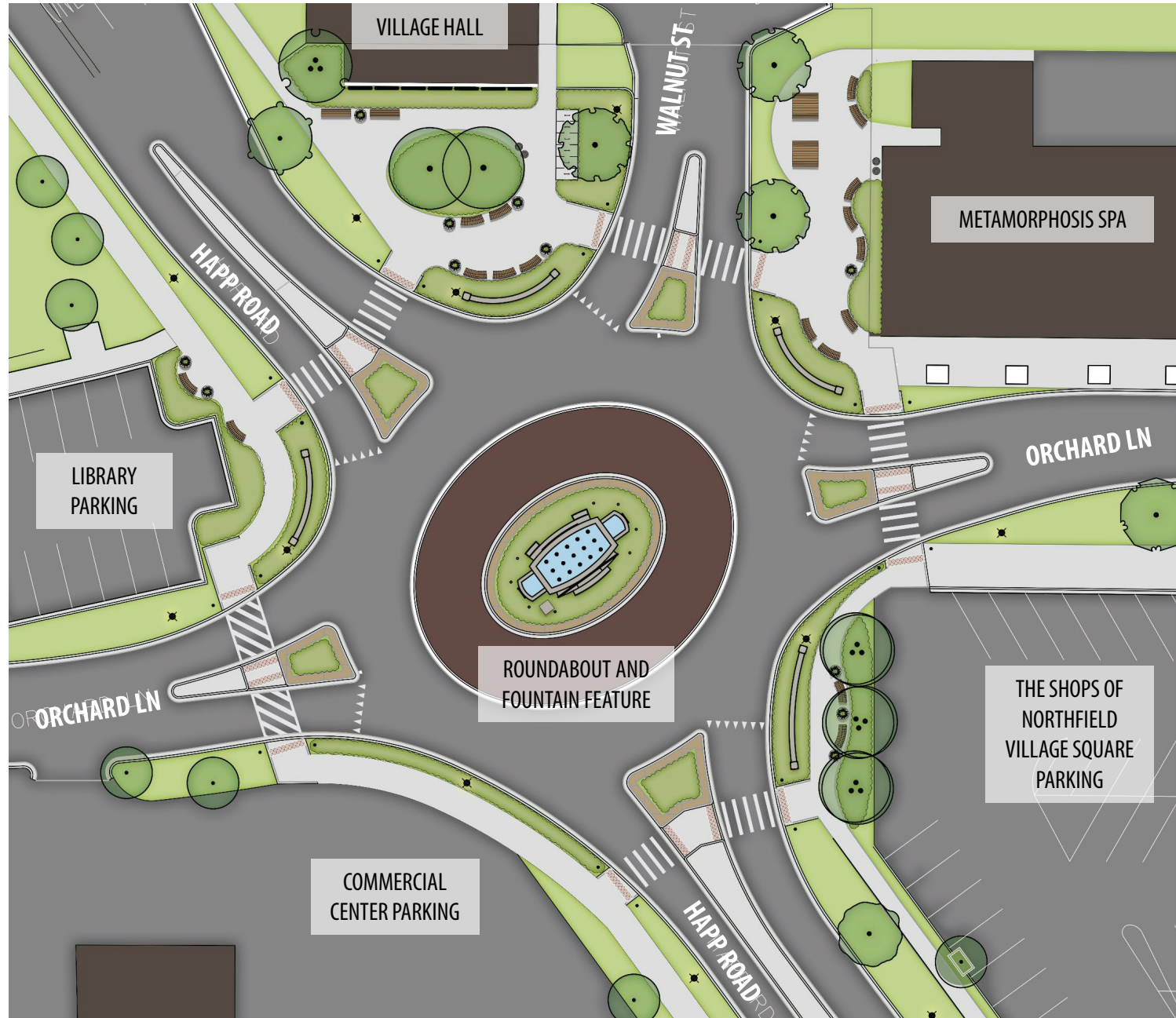
**ADDITIONAL COST FOR
ENHANCEMENTS** \$ 69,000

TOTAL COST \$ 253,000

**CONSIDER FUTURE
IMPLEMENTATION?** Requires
replacing
standard
poles with
decorative

CONSIDER A BID ALTERNATE? Yes

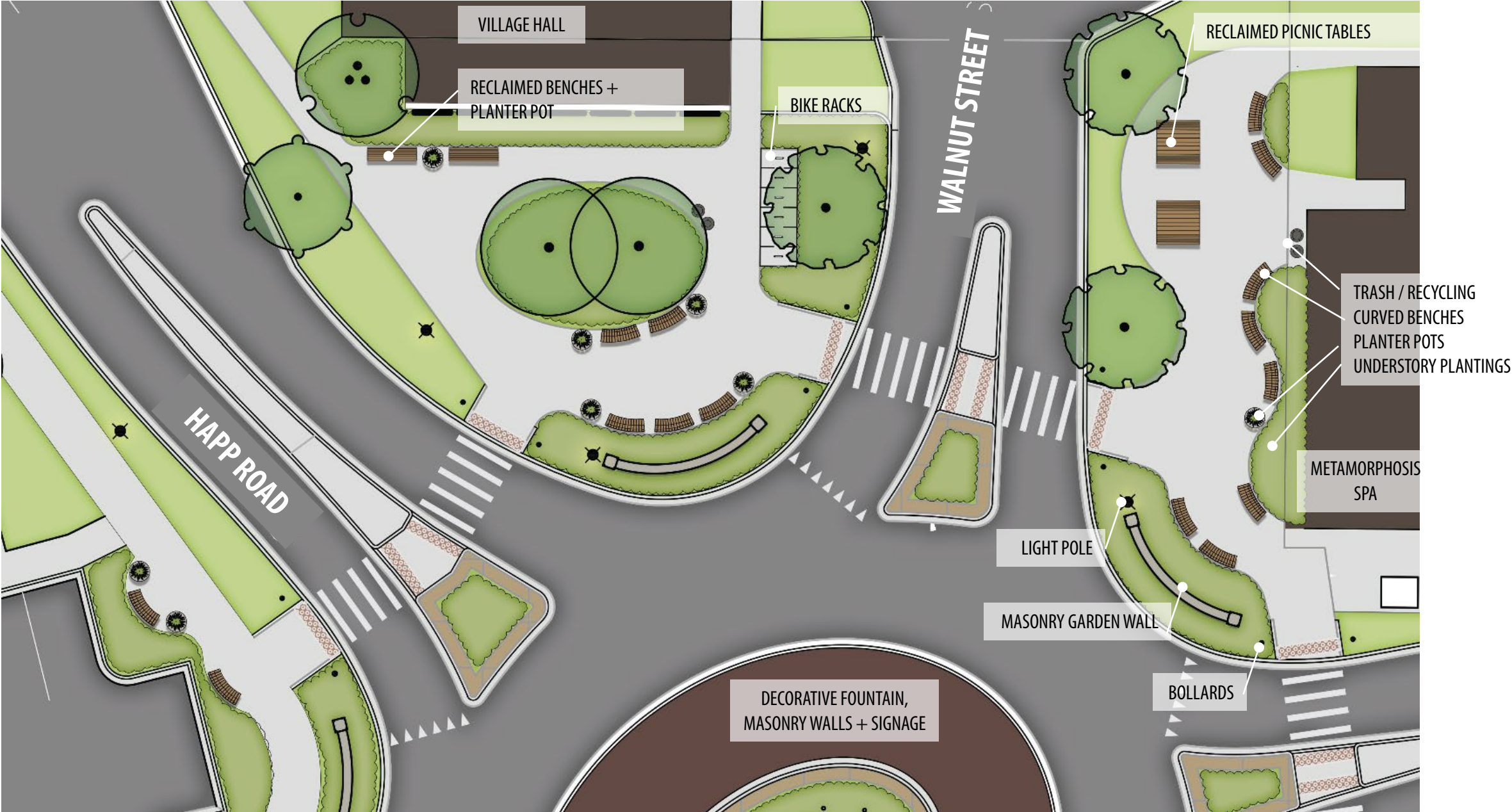
PLACEMAKING OPPORTUNITIES | ROUNDABOUT + PLAZA AREAS



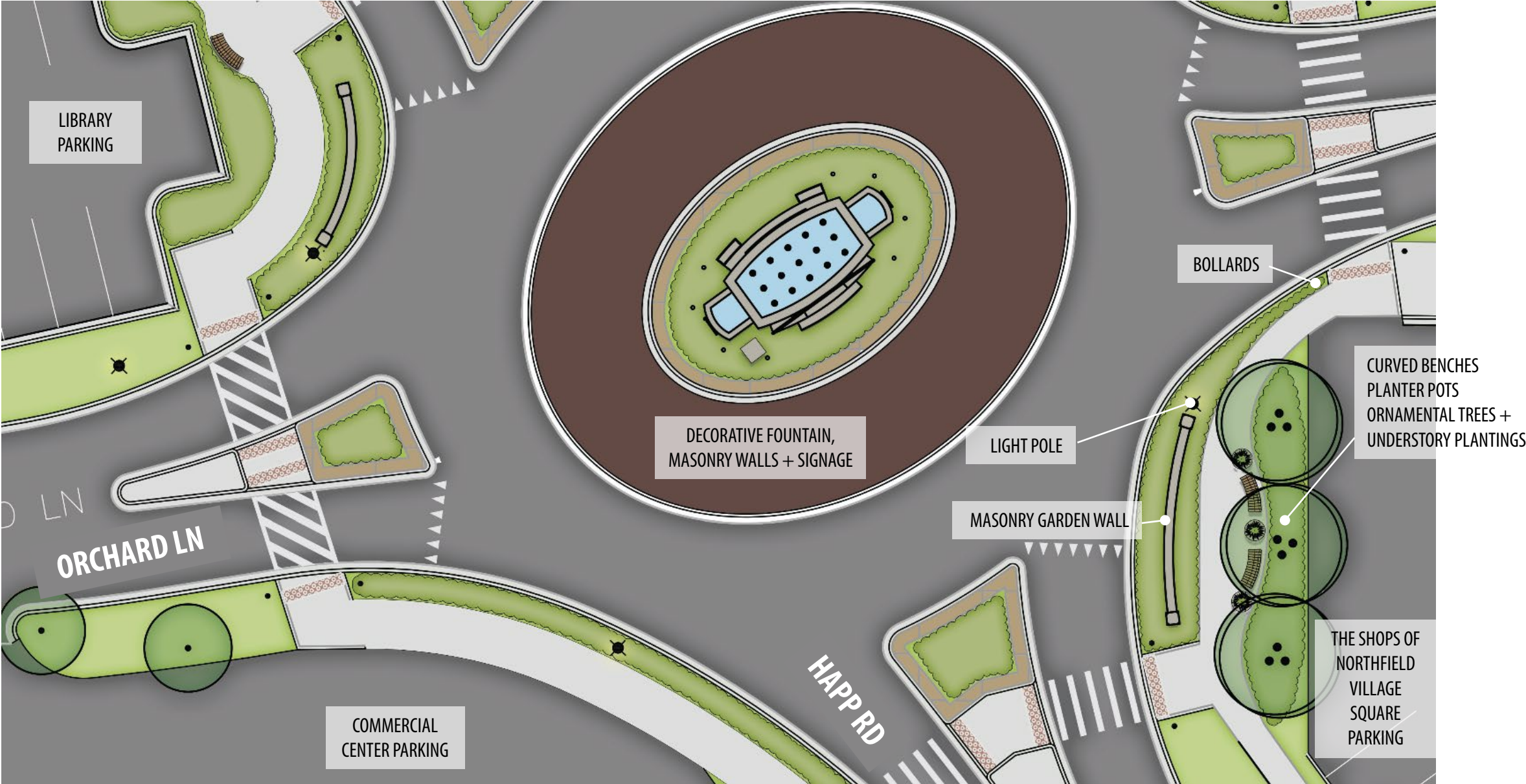
ROUNDABOUT + PLAZA AREAS:

- *Expanded pavements*
- *Masonry garden walls*
- *Site furnishings (benches, planter pots, bike racks, bollards, trash/recycling receptacles)*
- *Understory plantings*
- *Fountain feature*
- *Identity signage*

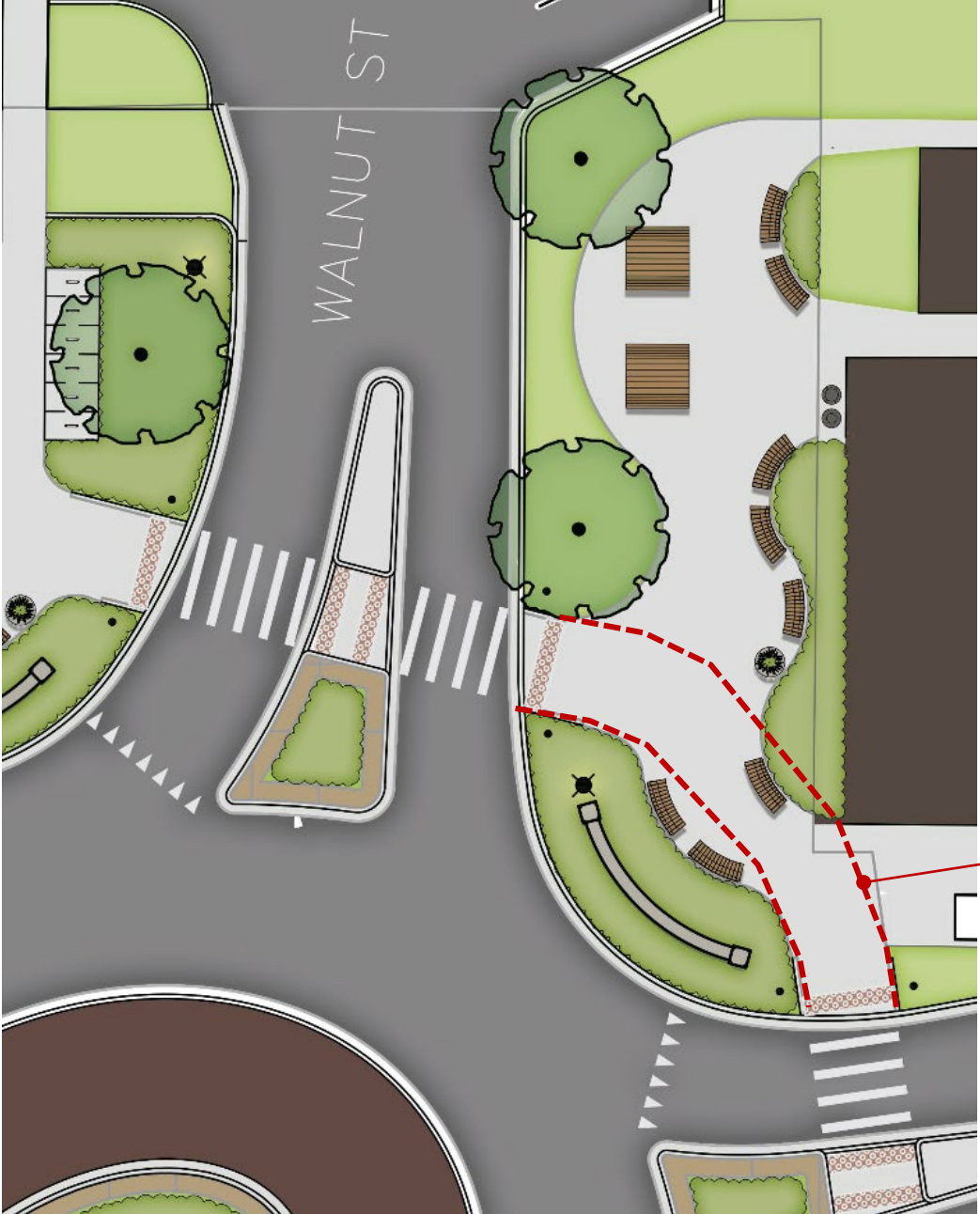
PLACEMAKING OPPORTUNITIES | ROUNDABOUT + PLAZA AREAS (NORTH)



PLACEMAKING OPPORTUNITIES | ROUNDABOUT + PLAZA AREAS (SOUTH)



PLACEMAKING OPPORTUNITIES | EXPANDED PAVEMENTS



PLAZA PAVEMENTS | QTY 3381 S.F.
(additional plaza concrete, beyond standard sidewalks)

ANTICIPATED COST \$ 27,048

CONSIDER FUTURE IMPLEMENTATION? Not recommended, site disturbance associated with excavation and pavement work

CONSIDER A BID ALTERNATE? No

STANDARD SIDEWALK PAVEMENT (RED)

PLACEMAKING OPPORTUNITIES | MASONRY GARDEN WALLS



MASONRY GARDEN WALLS | QTY 118 L.F.

ANTICIPATED COST	\$ 165,200
CONSIDER FUTURE IMPLEMENTATION?	Not recommended, site disturbance associated with excavation and foundation work
CONSIDER A BID ALTERNATE?	No



PLACEMAKING OPPORTUNITIES | SITE FURNISHINGS



SITE FURNISHINGS

- Benches / tables: 17 new, 4 reclaimed (\$124,900)
- Planter pots: 11 large, 8 small, 2 reclaimed (\$39,500)
- Bike racks: 6 (\$5,400)
- Bollards: 20 (\$30,000)
- Trash/recycling receptacles: 4 (\$8,000)

ANTICIPATED COST

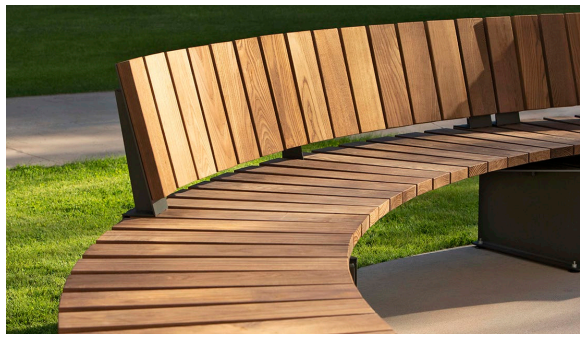
\$ 207,800

CONSIDER FUTURE IMPLEMENTATION?

Bollards require foundations, all other items are surface mounted and may be installed later

CONSIDER A BID ALTERNATE?

Yes



PLACEMAKING OPPORTUNITIES | UNDERSTORY PLANTINGS



Prairie Dropseed



Dwarf Pavement Rose



Summer Stars
Bush Honeysuckle



Purple Coneflower



Walkers Low Catmint



Happy Returns Daylily

Understory Plantings

UNDERSTORY PLANTINGS

Shrubs 210

Perennials: 1,500

Bulbs: 250

Incl. soils, watering + plant care within the contract

ANTICIPATED COST

\$ 114,000

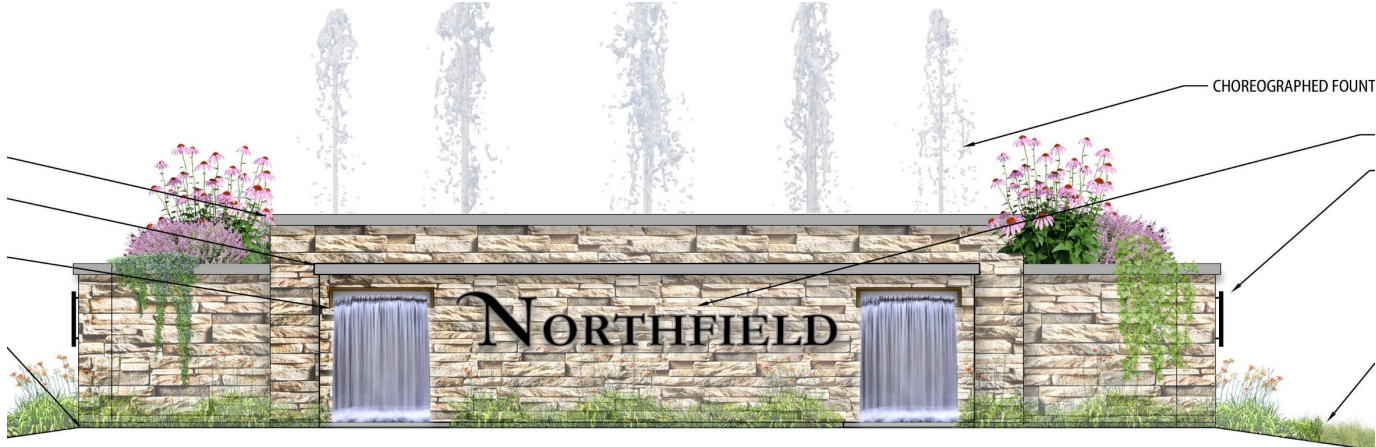
CONSIDER FUTURE IMPLEMENTATION?

May consider sodded lawn, recommend installing required soils first (\$30K)

CONSIDER A BID ALTERNATE?

Yes

PLACEMAKING OPPORTUNITIES | ROUNDABOUT FOUNTAIN FEATURE



NORTH ELEVATION



SOUTH ELEVATION

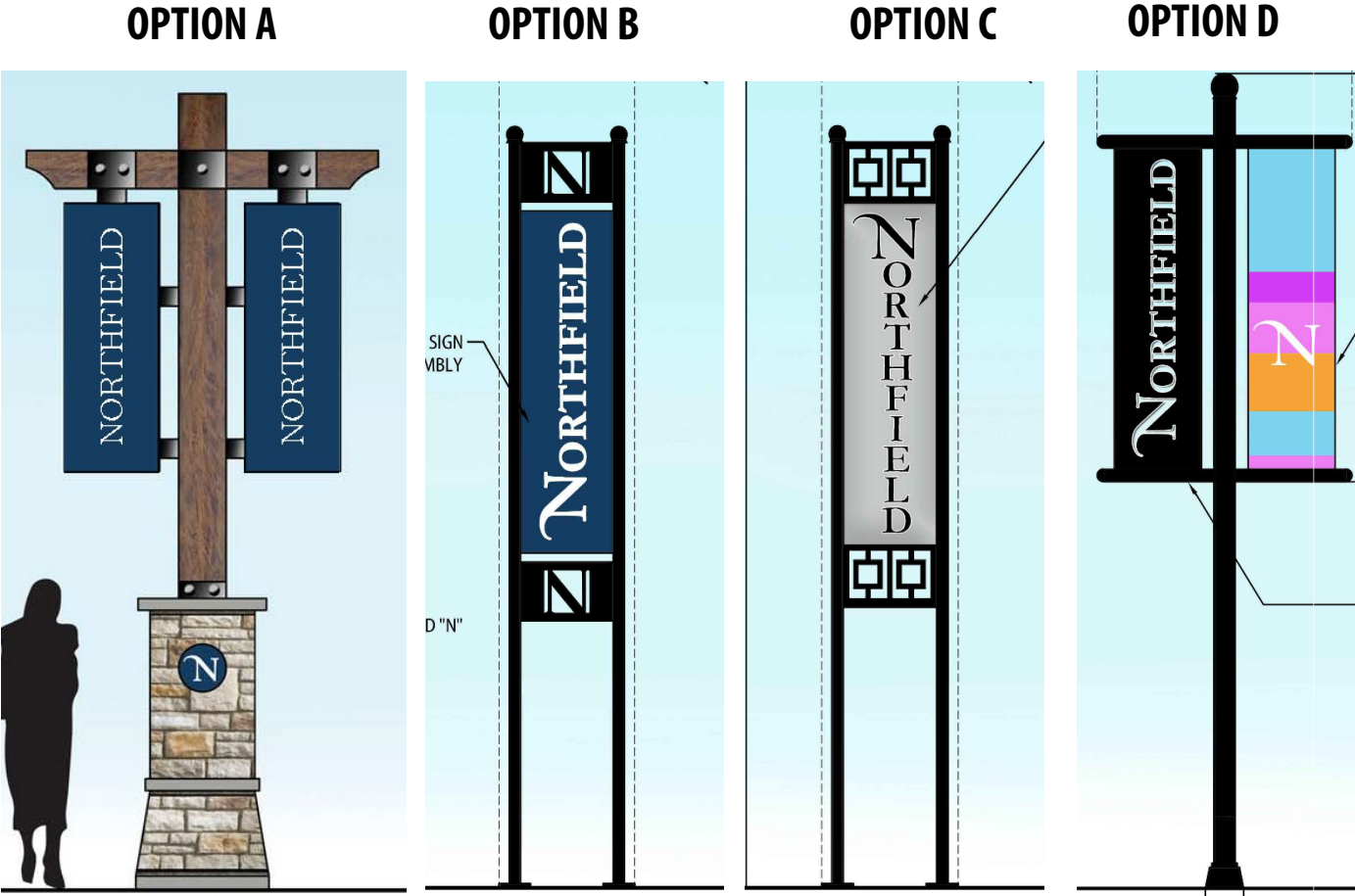
FOUNTAIN FEATURE | QTY 1

(masonry walls, signage, fountains + uplighting)

ANTICIPATED COST	\$ 760,000
CONSIDER FUTURE IMPLEMENTATION?	Requires excavation and utility work, challenging to construct amid traffic
CONSIDER A BID ALTERNATE?	Yes



PLACEMAKING OPPORTUNITIES | IDENTITY SIGNAGE FEATURES



PRIMARY IDENTITY FEATURE
 OCCURS AT HAPP + WILLOW
 QTY: 2

SIGNAGE FEATURES | QTY 6

ANTICIPATED COST	\$ 108,000
CONSIDER FUTURE IMPLEMENTATION?	Requires excavation and foundations, lighting required for secondary feature
CONSIDER A BID ALTERNATE?	Yes



SECONDARY IDENTITY FEATURE
 OCCURS AT HAPP + ORCHARD
 QTY: 4

OVERALL PROJECT | SUMMARY OF COSTS

	BASE IMPROVEMENTS <i>(standard roadway improvements)</i>	ENHANCED IMPROVEMENTS <i>(decorative features and upgrades)</i>	TOTAL COST
PROJECT COSTS	\$7,000,000	\$1,500,000	\$8,500,000
STP FUNDING (80%)	\$3,200,000	\$0	\$3,200,000
LOCAL FUNDING (20%)	\$3,800,000	\$1,500,000	\$5,300,000

PLACEMAKING OPPORTUNITIES | SUMMARY OF COSTS

All items can be bid as alternates

COST SUMMARY

TRAFFIC SIGNALS <i>(addtl cost for decorative signals)</i>	\$ 24,500
LIGHT POLES <i>(addtl cost for decorative light poles)</i>	\$ 69,000
PLAZA PAVEMENTS	\$ 27,048
GARDEN WALLS	\$ 165,200
SITE FURNISHINGS	\$ 207,800
UNDERSTORY PLANTINGS <i>(requires soils + lawn in base bid)</i>	\$ 114,000
FOUNTAIN FEATURE <i>(requires utilities + lawn in base bid)</i>	\$ 760,000
IDENTITY SIGNAGE	\$ 108,000
TOTAL	\$1,475,548



THANK YOU!
WHAT QUESTIONS CAN WE ADDRESS?