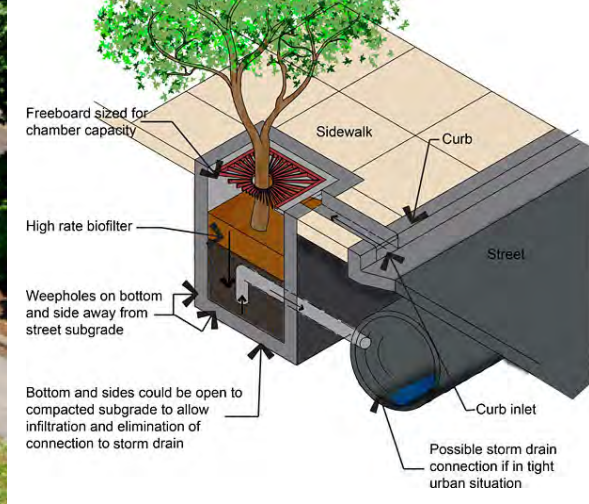
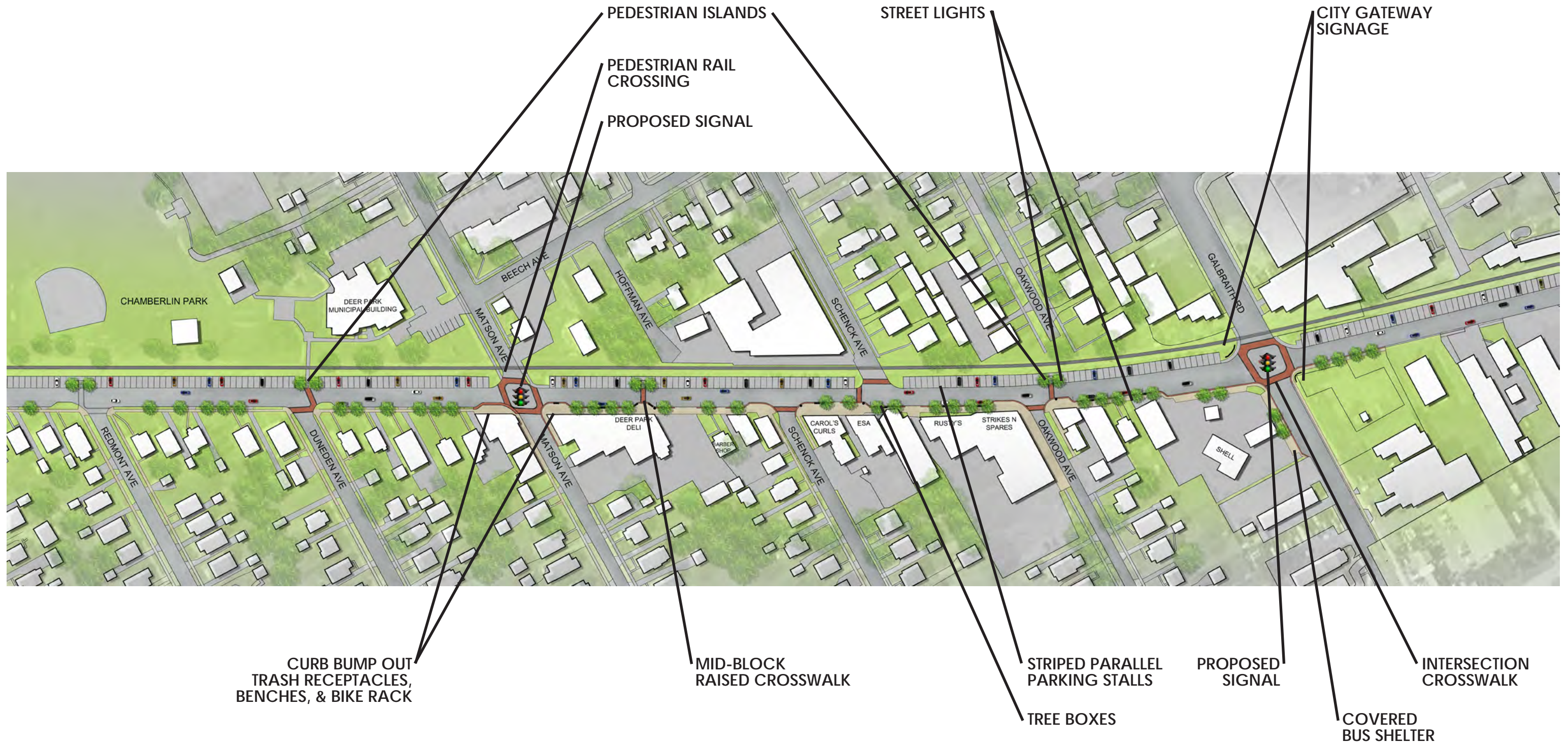




BLUE ASH ROAD IMPROVEMENTS

HAM-CR251-0.75

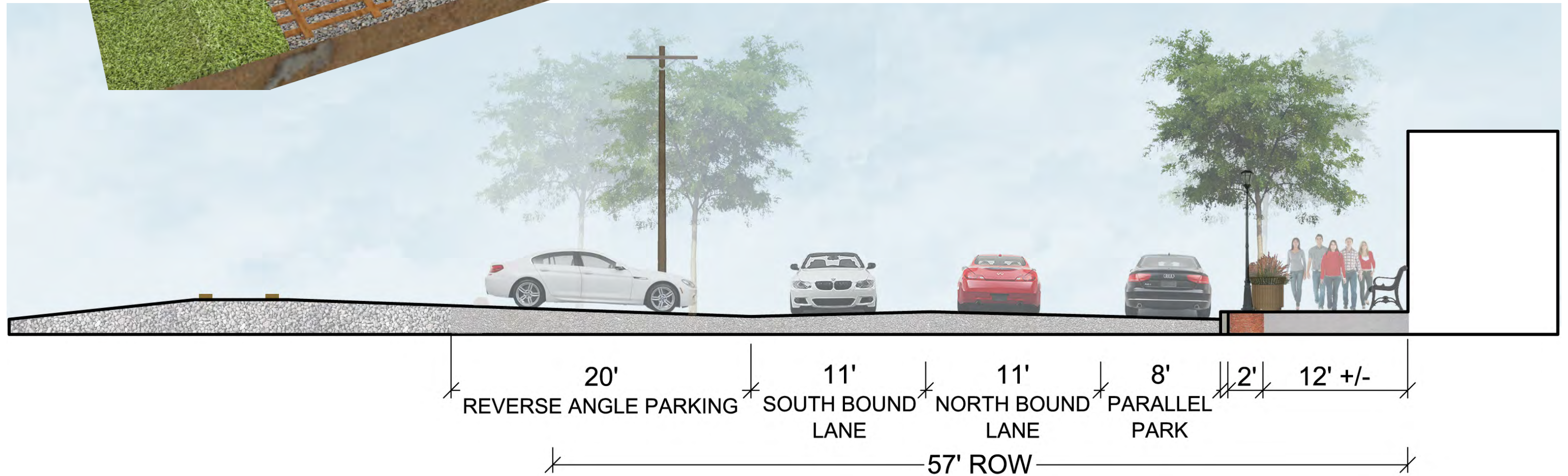




BLUE ASH ROAD - TYPICAL DESIGN FEATURES



EXISTING BLUE ASH ROAD SECTION & ELEVATION



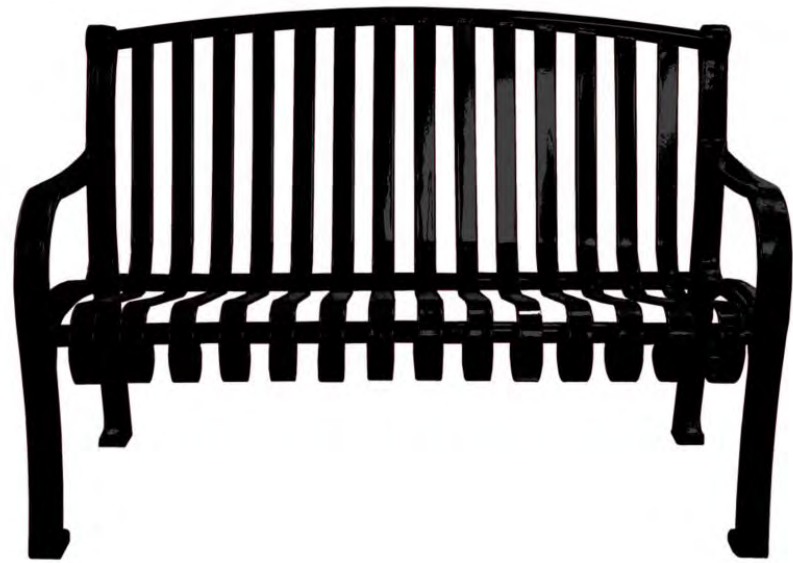
BLUE ASH ROAD SECTION & ELEVATION - REVERSE ANGLE PARKING OPTION



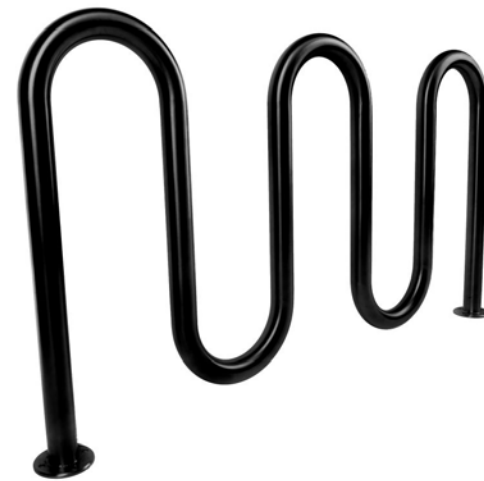
INTERSECTION - BLUE ASH ROAD AT GALBRAITH ROAD



PUBLIC GATHERING SPACES



SITE FURNISHINGS - BENCH & TRASH RECEPTACLE



BIKE RACKS





CURB BUMP OUTS



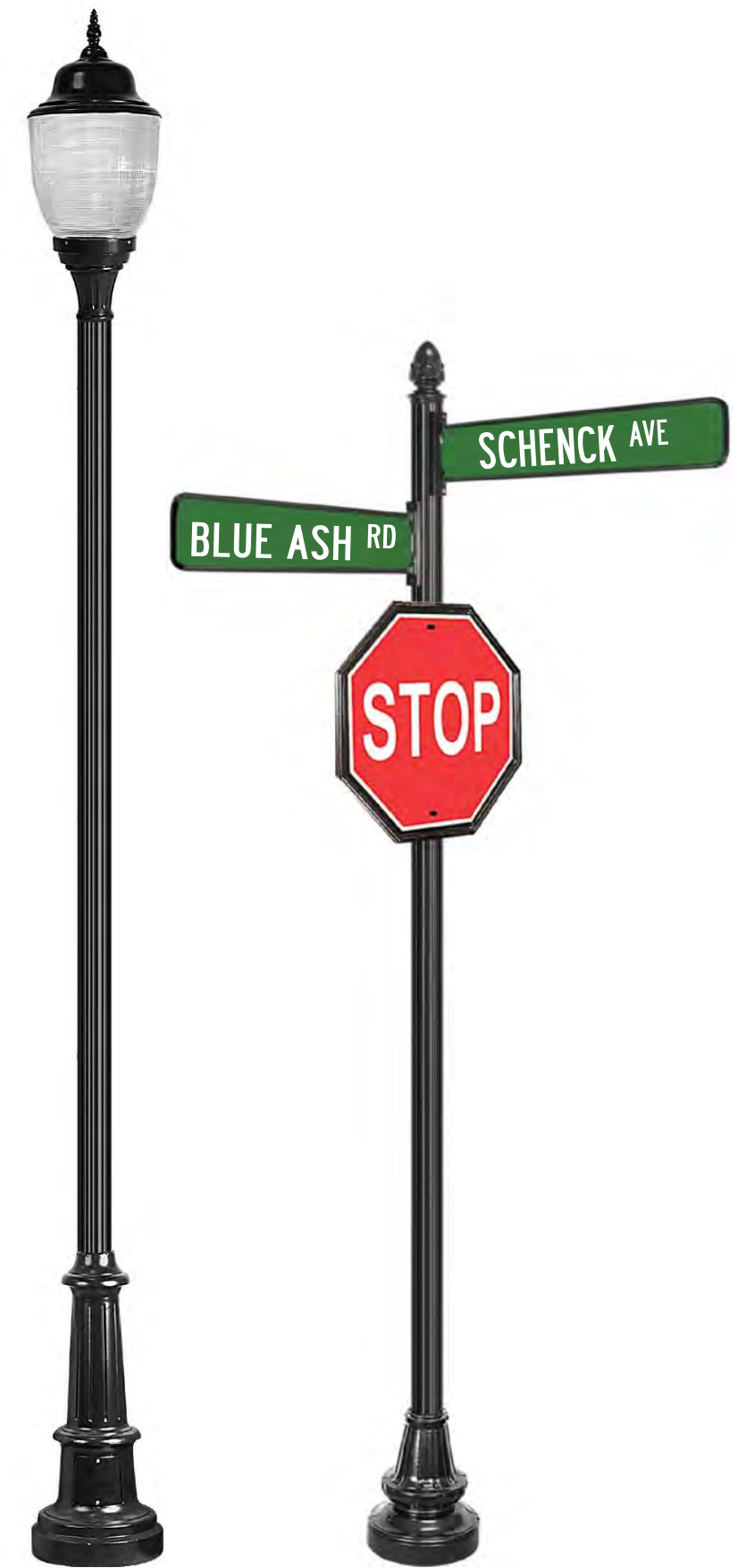
RAISED CROSSWALKS



RIBBON SIDEWALK PAVERS



PEDESTRIAN ISLANDS



STREET LIGHTS, STREET SIGNS & POLES



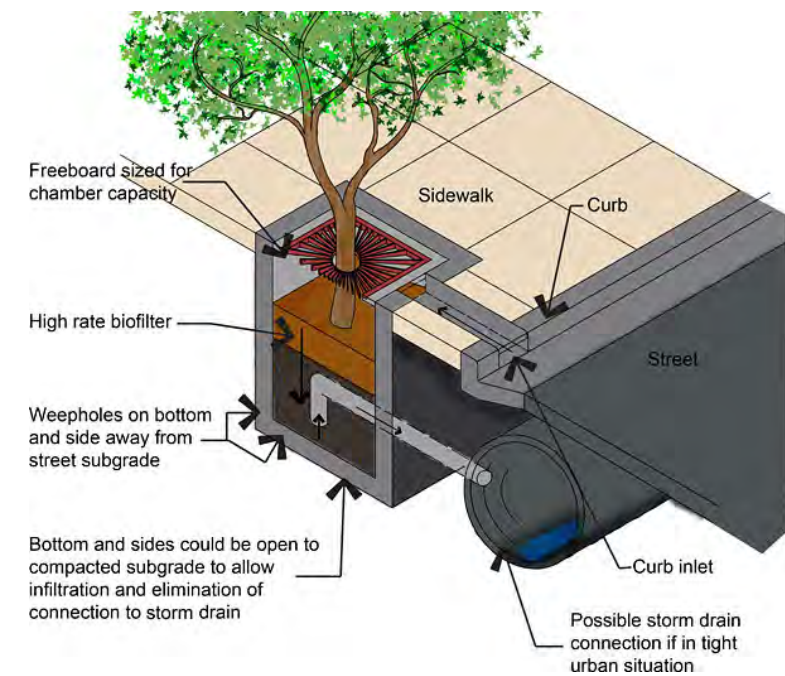
ACCENT PLANTINGS



STREET PLANTERS



STREET TREES - HONEY LOCUST & ARMSTRONG MAPLE



TREE BOX



TREE GRATES



STREET BANNERS



CITY WAY-FINDING SIGNAGE



METRO BUS-STOP

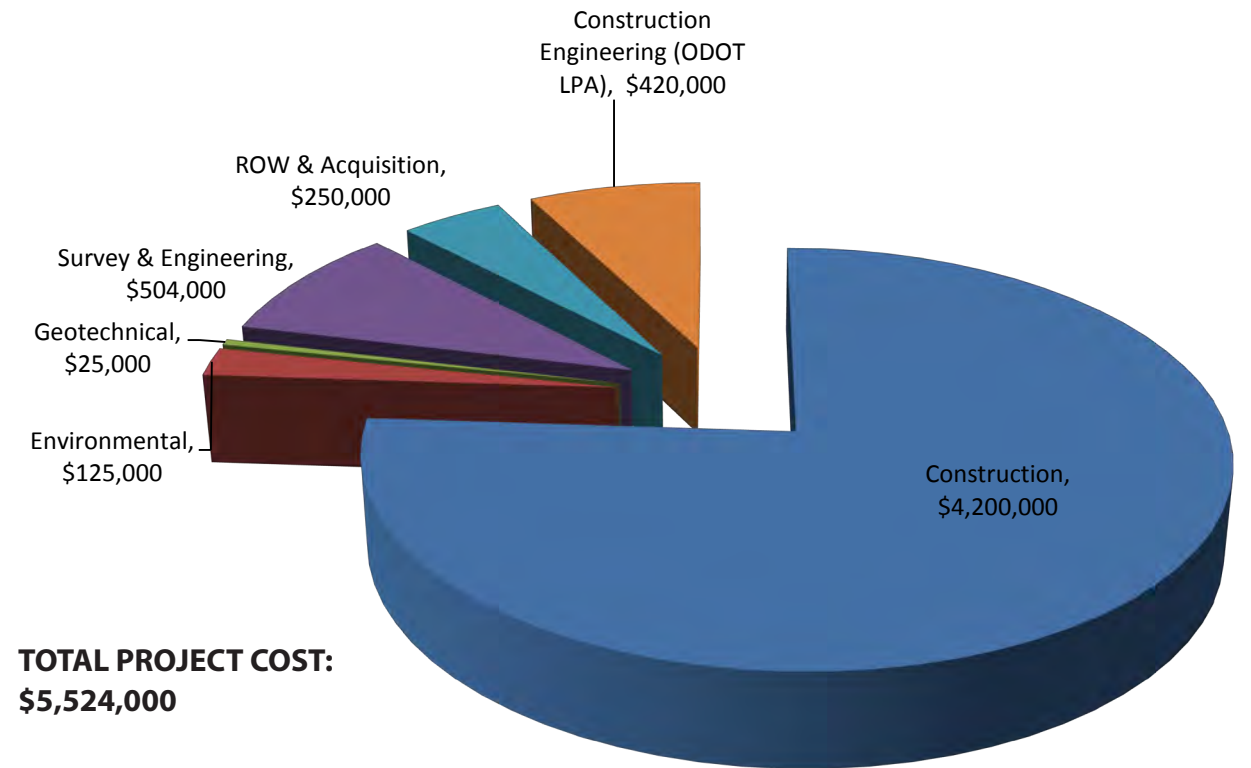
BLUE ASH ROAD IMPROVEMENT GOALS:

1. Improve region's transportation system
2. Improve accessibility and mobility options for people and goods
3. Protect and enhance the environment
4. Enhance the integration and connectivity of the transportation system
5. Promote efficient system management and operations
6. Emphasize the preservation of the existing transportation system
7. Support economic vitality
8. Consider regional security
9. Strengthen the connection between infrastructure and land use

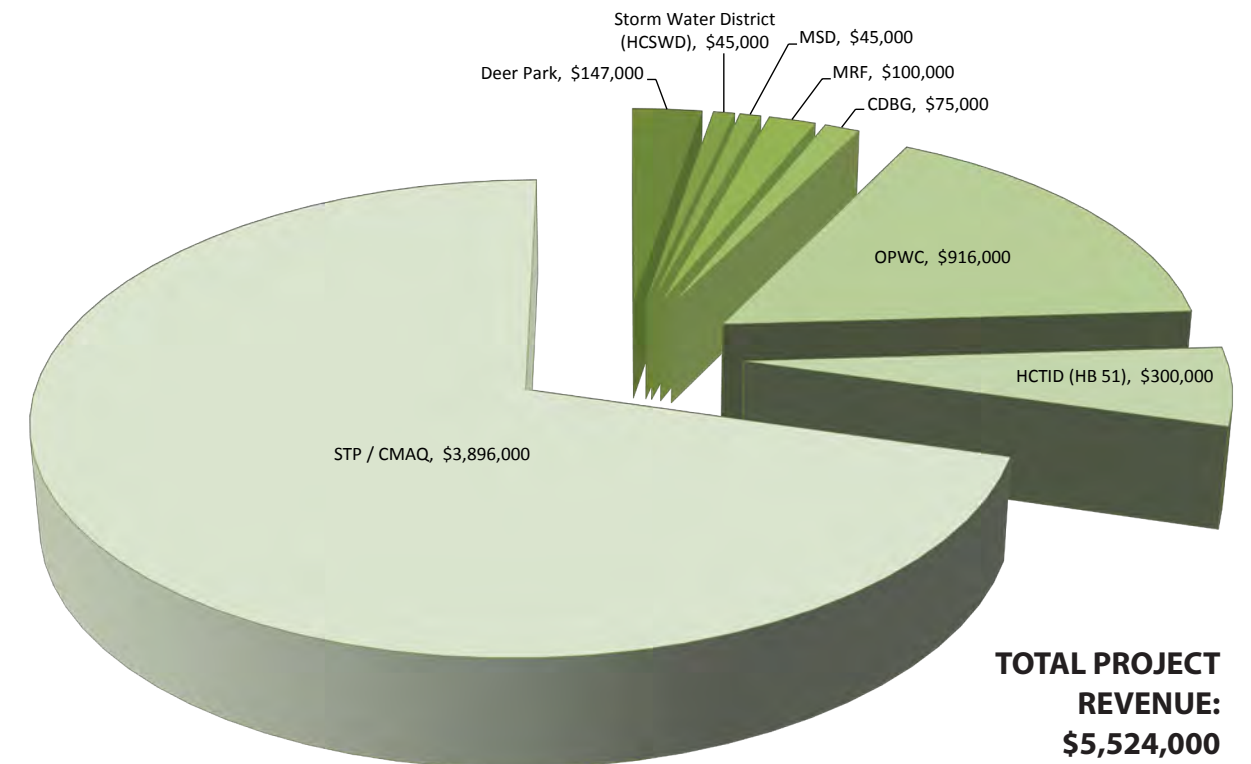
THE PROPOSED IMPROVEMENT TO BLUE ASH ROAD INCLUDES:

- Resurface Blue Ash Road and public on-street parking from Duneden Avenue to Sycamore Township
- Perform full depth pavement repairs
- Replace the existing signals at Blue Ash Road / Matson and Blue Ash Road / Galbraith Road
- Replace existing sidewalks along the east side of Blue Ash Road
- Replace existing curb along Blue Ash Road
- Install curb bump-outs at pedestrian walkways to reduce pedestrian crossing distances
- Provide enhanced pedestrian crossing markings to designate crossing locations
- Provide ADA accessible pedestrian crossings at four locations across I&O rail line
- Provide sharrows along Blue Ash Road to designate the bicycle route
- Install corridor lighting to improve pedestrian safety
- Provide covered bus shelters
- Provide pedestrian level amenities to promote economic activity
- Install tree boxes along parallel parking areas for improved water quality and quantity handling

PROJECT COSTS



PROJECT REVENUES



CASH FLOW SCHEDULE

	FY 2014	FY 2015	FY 2016	FY 2017	FY 2018	FY 2019	FY 2020
	7/1/13 to 7/1/14	7/1/14 to 7/1/15	7/1/15 to 7/1/16	7/1/16 to 7/1/17	7/1/17 to 7/1/18	7/1/18 to 7/1/19	7/1/19 to 7/1/20
Environmental		\$ 93,750	\$ 31,250				
Geotechnical		\$ 25,000					
Survey & Engineering		\$100,800	\$ 302,400	\$100,800			
ROW & Acquisition					\$250,000		
Construction Engineering						\$ 315,000	\$ 105,000
Construction						\$ 3,150,000	\$ 1,050,000

Totals:	-	\$ 219,550	\$ 333,650	\$100,800	\$250,000	\$ 3,465,000	\$ 1,155,000
Cummulative Total:	-	\$ 219,550	\$ 553,200	\$ 654,000	\$ 904,000	\$ 4,369,000	\$ 5,524,000

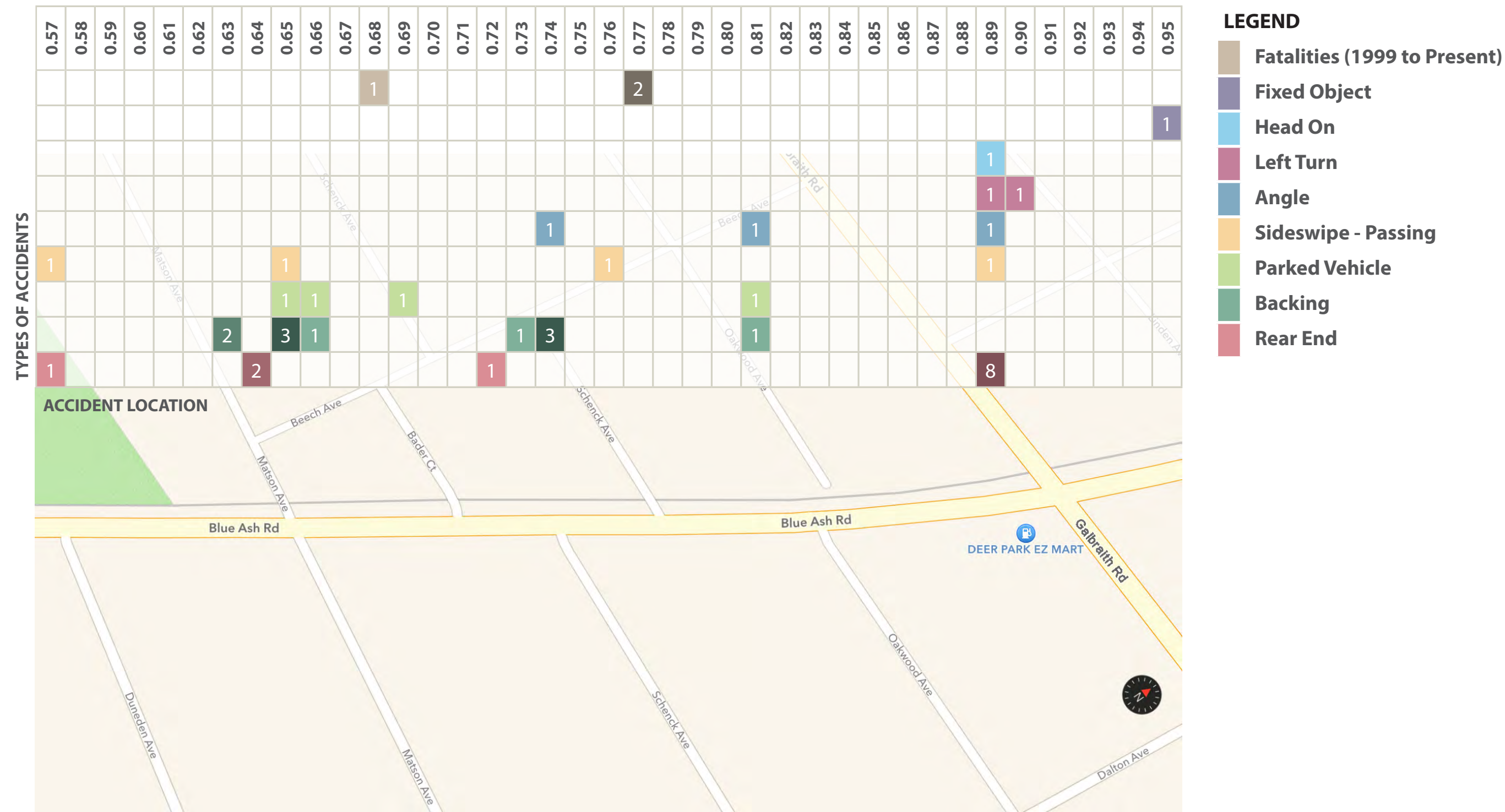
Revenue Source:

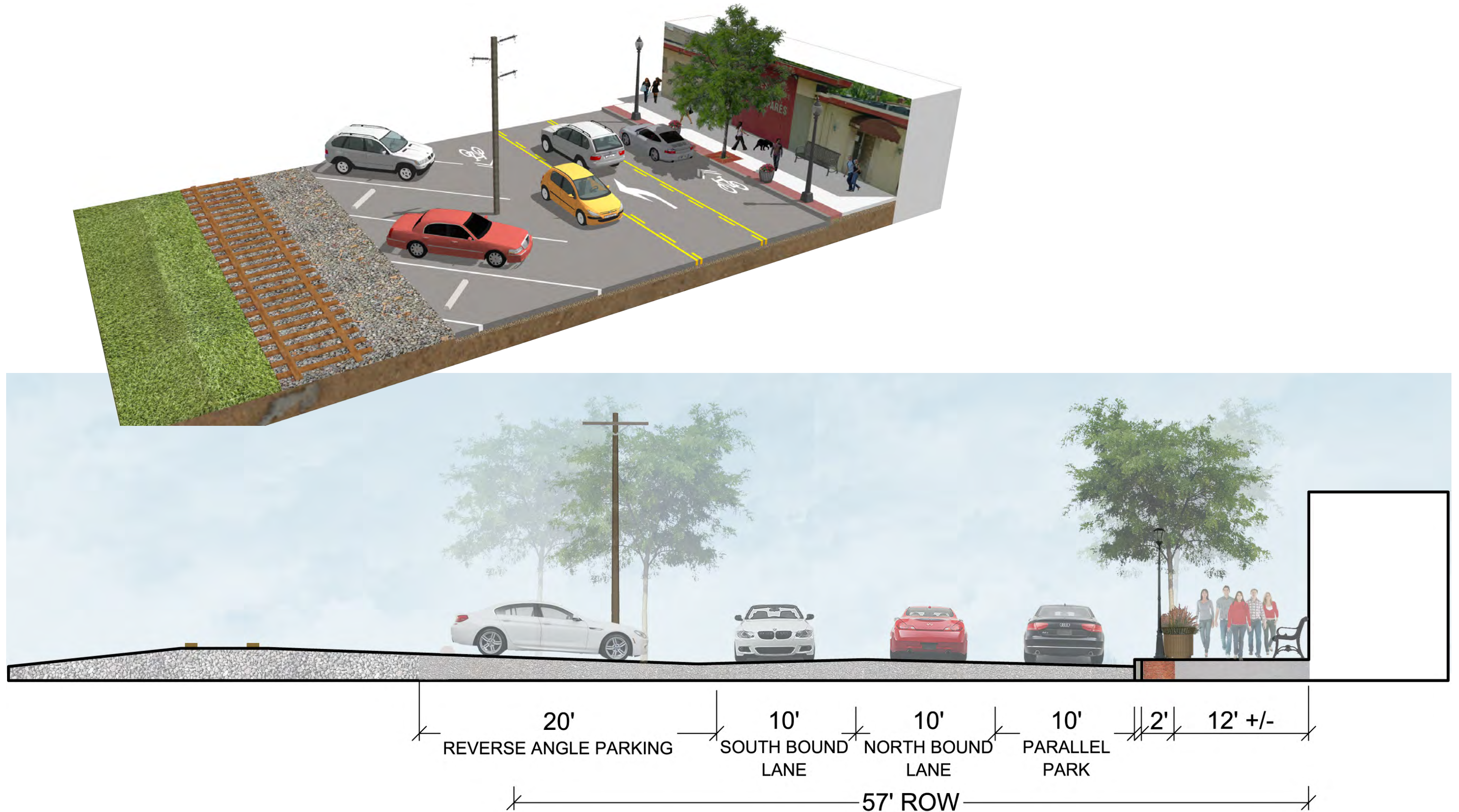
HCTID	HCTID						
	Local	Local					
	CDBG	CDBG					
		MRF	MRF				
			OKI	OKI	OKI		
				MSD	MSD		
				HCSWD	HCSWD		
				OPWC	OPWC		

FUNDING REQUEST SCHEDULE

Fall 2013	TID Funding Request Discussions
Fall 2013	Begin MSD Funding Discussions
Spring 2014	OKI STP / CMAQ
August 2014	MRF
Summer 2016	HCSWD
September 2016	OPWC (2 Year Application)
September 2017	OPWC (2 Year Application)

FREQUENCY OF SPECIFIC ACCIDENTS ALONG BLUE ASH ROAD (2010 to 2012)





BLUE ASH ROAD SECTION & ELEVATION - REVERSE ANGLE PARKING WITH TURN LANE OPTION