

The background features abstract, overlapping geometric shapes in various shades of blue, ranging from light sky blue to deep navy blue. These shapes are primarily located on the left and right sides of the frame, creating a modern, architectural feel. The central area is a plain white background where the text is located.

Hebron Parkway Landscape & Bike/Pedestrian Trail

Hebron Parkway from railroad intersection east to bridge



Former masonry screening wall



Former masonry screening wall



Former masonry screening wall



Former masonry screening wall



Former masonry screening wall

- ▶ Hebron Parkway masonry wall was demolished by the City - Spring 2016 (approximately 1,850 lf).
- ▶ Currently, existing trees, crepe myrtles, etc., are providing a natural screen.

Existing natural condition



Existing natural condition

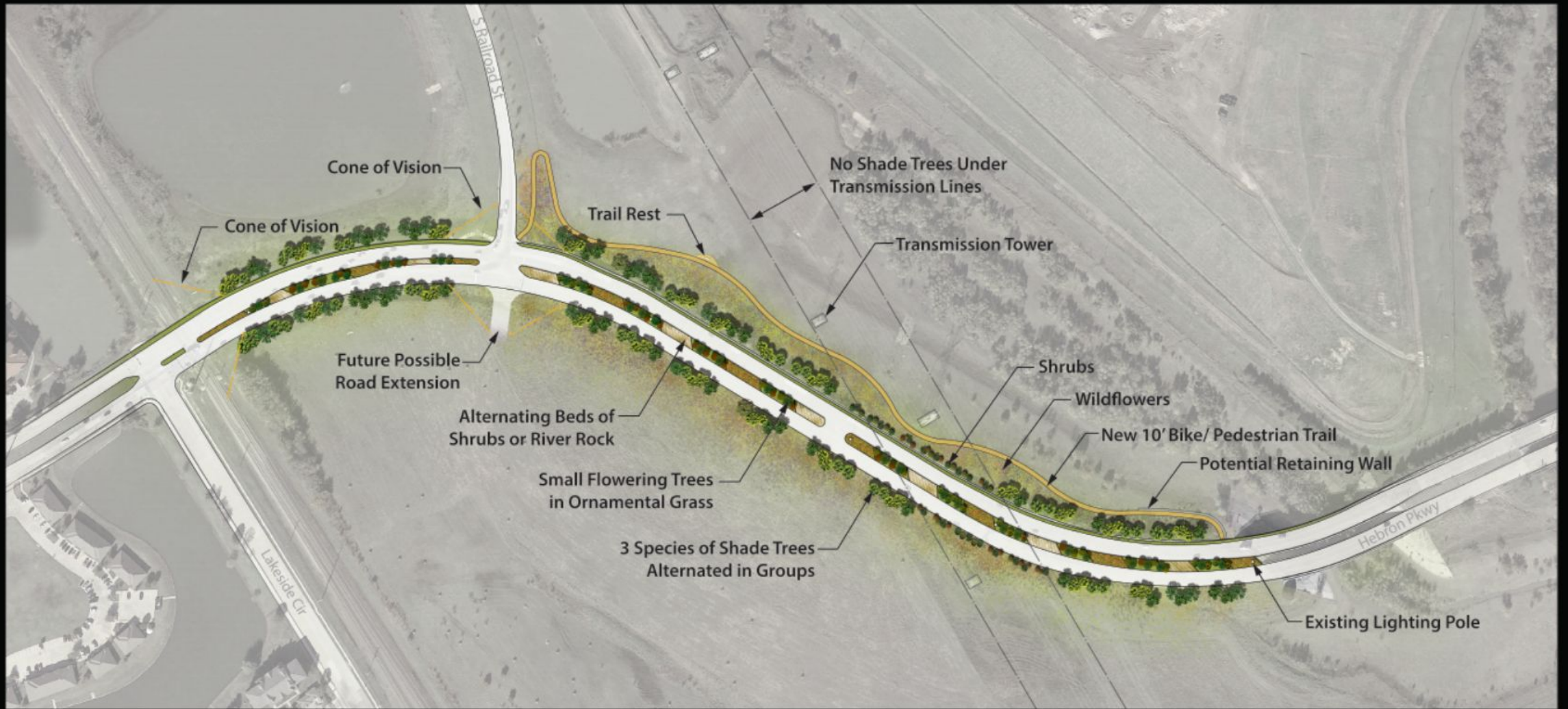


Grade differential from street to bottom of slope



Jacobs Streetscape Design

- ▶ Jacobs has provided a streetscape design for Hebron Parkway
- ▶ Total length of project is approximately 2,600 lf (from railroad crossing at Hebron Parkway east to the first bridge).
- ▶ Design includes parkway and median treatments consisting of:
 - ▶ 3 species of shade trees alternated in groups
 - ▶ Small flowering trees in ornamental grass
 - ▶ Alternating beds of shrubs or river rock (center median)
 - ▶ Shrubs, wildflowers, grass
 - ▶ New 10-foot wide bike/pedestrian trail (northern parkway)
- ▶ This design removes the sidewalk adjacent to the street and relocates it north as shown on the plan
 - ▶ Increases safety
 - ▶ Improves walkability/aesthetics



Existing right-of-way



CITY OF LEWISVILLE PARKS & LEISURE SERVICES
HEBRON PARKWAY LANDSCAPE & BIKE / PEDESTRIAN TRAIL

06/17/2016
JACOBS

Improved right-of-way with streetscape



CITY OF LEWISVILLE PARKS & LEISURE SERVICES
HEBRON PARKWAY LANDSCAPE & BIKE / PEDESTRIAN TRAIL

06/17/2016

JACOBS

South side parkway

City of Lewisville Hebron Parkway Preliminary Cost Estimate 6/24/16

SOUTH SIDE

Hardscape

	Qty	unit	cost	total
SW3P	1	LS	\$ 5,000.00	\$ 5,000.00
GRADING	1000	CY	\$ 4.00	\$ 4,000.00
TRAFFIC CONTROL	6	MONTH	\$ 5,000.00	\$ 30,000.00
UNDER DRAINS	2762	LF	\$ 20.00	\$ 55,240.00
SUB TOTAL				\$ 94,240.00

Softscape

	Qty	unit	cost	total
65 GAL TREE	64	EA	550.00	\$ 35,200.00
45 GAL TREE	22	EA	450.00	\$ 9,900.00
HYDROMULCH - WILDFLOWERS	2.3	ACR	1500.00	\$ 3,450.00
IRRIGATION	65447	SF	0.45	\$ 29,451.15
TOPSOIL	1000	CY	12.00	\$ 12,000.00
DEMO COST	1	LS	15000.00	\$ 15,000.00
SUB TOTAL				\$ 105,001.15

TOTAL				\$ 199,241.15
Contingency 20%				\$ 39,848.23
Maintenance 2 year period	1	LS	30000	\$ 30,000.00
TOTAL COST				\$ 269,089.38

Center Median

City of Lewisville Hebron Parkway Preliminary Cost Estimate 6/24/16

MEDIAN

Hardscape

	Qty	unit	cost	total
SW3P	1	LS	\$ 5,000.00	\$ 5,000.00
GRADING	3743	CY	\$ 4.00	\$ 14,972.00
TRAFFIC CONTROL	6	MONTH	\$ 5,000.00	\$ 30,000.00
UNDER DRAINS	2409	LF	\$ 20.00	\$ 48,180.00
SUB TOTAL				\$ 98,152.00

Softscape

	Qty	unit	cost	total
45 GAL TREE	80	EA	450.00	\$ 36,000.00
3 GAL SHRUB	3190	EA	40.00	\$ 127,600.00
1 GAL SHRUB	6582	EA	8.00	\$ 52,656.00
IRRIGATION	50536	SF	0.45	\$ 22,741.20
TOPSOIL	3743	CY	12.00	\$ 44,916.00
DEMO COST	1	LS	15000.00	\$ 15,000.00
CONCRETE MOW STRIPS	390	LF	12.00	\$ 4,680.00
SUB TOTAL				\$ 303,593.20

TOTAL (Hard and soft)				\$ 401,745.20
Contingency 20%				\$ 80,349.04
Maintenance 2 year period	1 LS		40000	\$ 40,000.00
TOTAL COST				\$ 522,094.24

North side parkway

City of Lewisville Hebron Parkway Preliminary Cost Estimate 6/24/16

NORTH SIDE

Hardscape

	Qty	unit	cost	total
CONC TRAIL (5")	2306.4	SY	\$ 30.00	\$ 69,192.00
RET WALL (MODULAR)	665	LF	\$ 35.00	\$ 23,275.00
BENCH	1	EA	\$ 3,000.00	\$ 3,000.00
SW3P	1	LS	\$ 5,000.00	\$ 5,000.00
GRADING	1	LS	\$ 50,000.00	\$ 50,000.00
TRAFFIC CONTROL	6	MONTH	\$ 5,000.00	\$ 30,000.00
NEW ADA RAMP	1	EA	\$ 1,500.00	\$ 1,500.00
SUB TOTAL				\$ 181,967.00

Softscape

	Qty	unit	cost	total
65 GAL TREE	64	EA	550.00	\$ 35,200.00
30 GAL TREE	25	EA	300.00	\$ 7,500.00
HYDROMULCH - WILDFLOWERS	2.6	ACR	1500.00	\$ 3,900.00
IRRIGATION	64434	SF	0.45	\$ 28,995.30
TOPSOIL	2000	CY	12.00	\$ 24,000.00
DEMO COST	1	LS	20000.00	\$ 20,000.00
SUB TOTAL				\$ 119,595.30

TOTAL (Hard and Soft)				\$ 301,562.30
Contingency 20%				\$ 60,312.46
Maintenance 2 year period	1 LS		30000	\$ 30,000.00
TOTAL COST				\$ 391,874.76

Hebron Parkway Streetscape Options

- ▶ Option 1 - south side parkway, center median and north side parkway (including 10-mile trail): \$1,183,058
- ▶ Option 2 - center median (reduced plantings) and north side parkway with trail (reduced plantings): \$800,000
- ▶ *Option 3 - center median (further reduced plantings) and north side parkway with trail (further reduced plantings): \$500,000

* Staff Recommendation

Council Direction