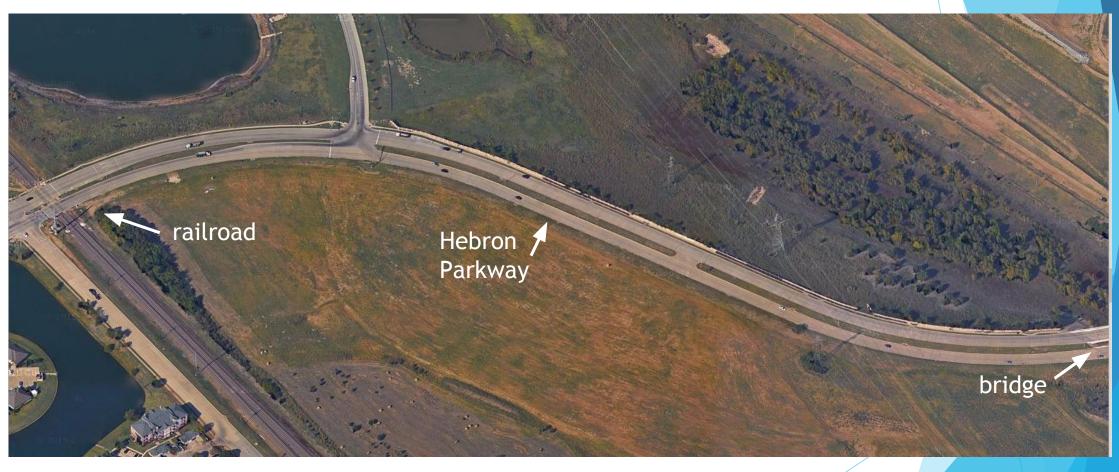
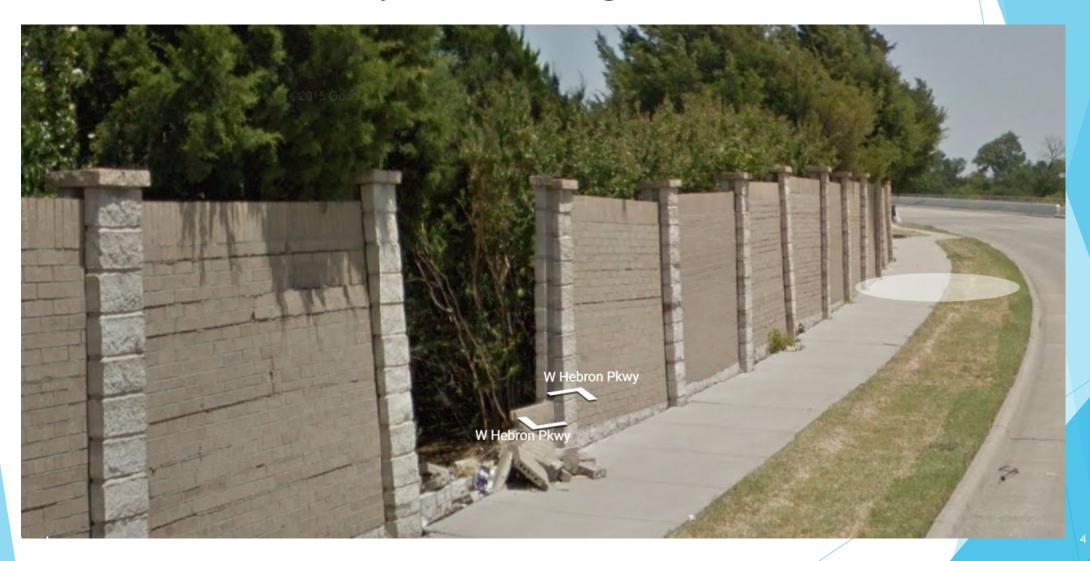
# Hebron Parkway Landscape & Bike/Pedestrian Trail

# Hebron Parkway from railroad intersection east to bridge













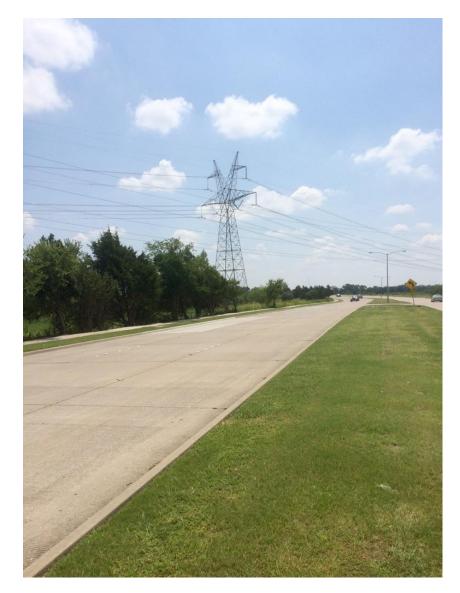
- Hebron Parkway masonry wall was demolished by the City Spring 2016 (approximately 1,850 lf).
- Currently, existing trees, crepe myrtles, etc., are providing a natural screen.

### Existing natural condition





#### Existing natural condition



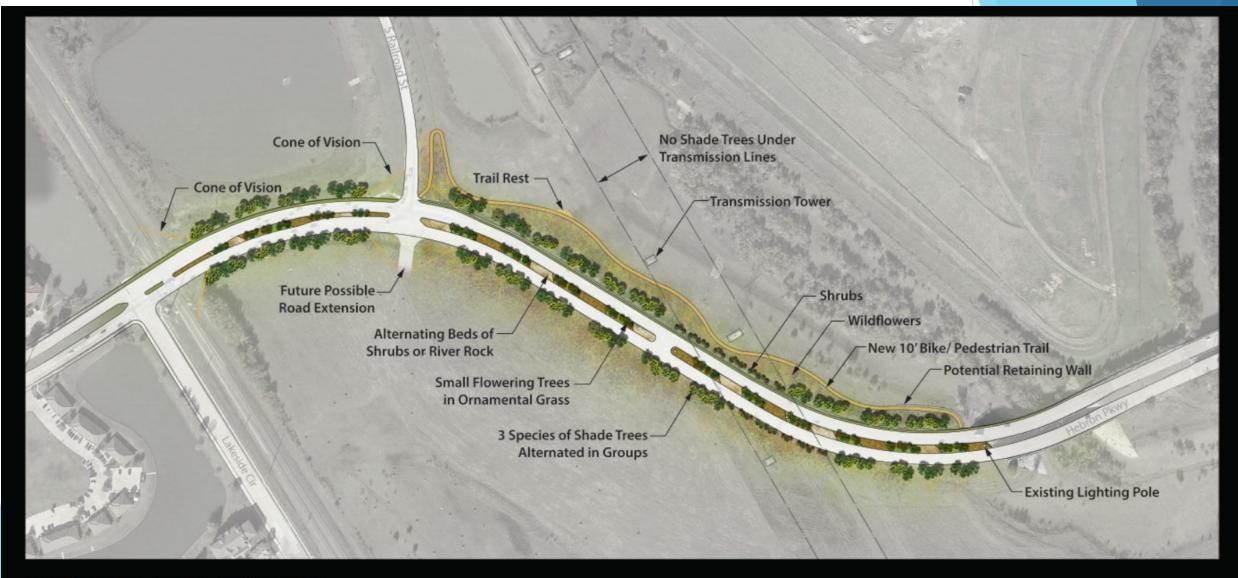


## Grade differential from street to bottom of slope



#### 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



#### South side parkway

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

\$	5,000.0 4,000.0 30,000.0
\$	5,000.0
total	
1	total

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	S	30,000.00
TOTAL COST				\$	269 089 38

#### Center Median

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

THE REAL PROPERTY.						
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	S	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 He	bron Parkway Prelimina	ry Cost Estimate 6/24/16
NORTH SIDE		

Hardscape						
	Qty	unit	cos	t	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	S	5,000.00	S	30,000.00
NEW ADA RAMP	1	EA	S	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	S	28,995.30
TOPSOIL	2000	CY	12.00	S	24,000.00
DEMO COST	1	LS	20000.00	S	20,000.00
SUB TOTAL				\$	119,595.30
TOTAL (Hard and Soft)				\$	301,562.30
Contingency 20%				\$	60,312.46
Maintenance 2 year period	1.1	S	30000	S	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

<sup>\*</sup> Staff Recommendation

## Council Direction