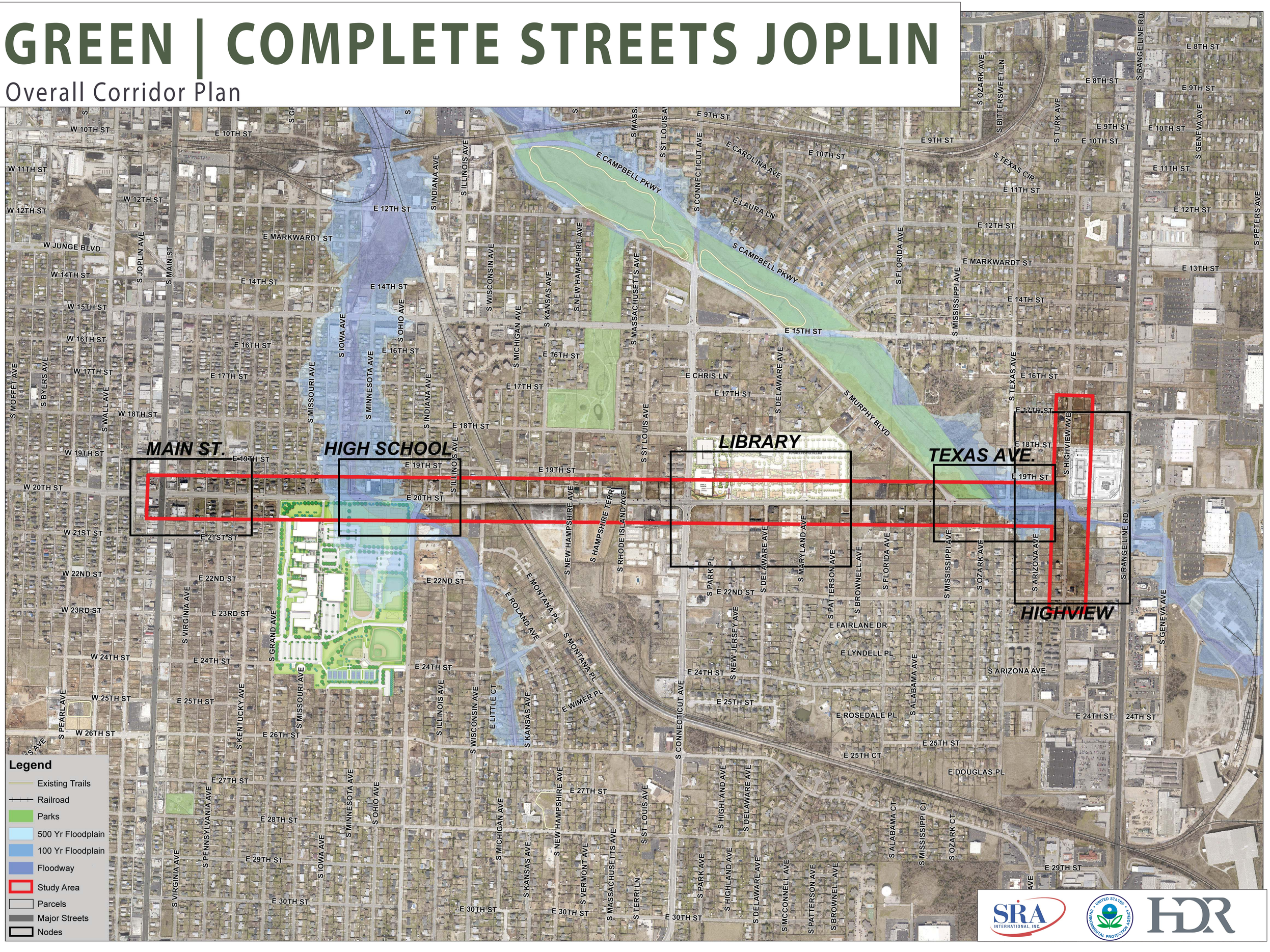
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Overall Corridor Plan



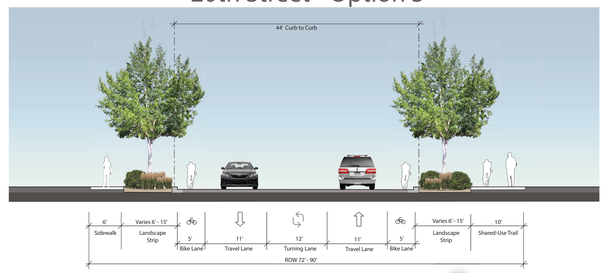
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East 20th and Main



Pros and Cons

20th Street - Option 3

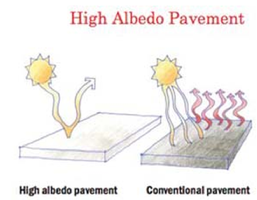




- Provides two primary traffic lanes and a continuous center turn lane.
- Does not include on-street parking.
- Includes bike lanes on both sides of the street.
- Incorporates bicycle and pedestrian traffic on a 10-foot wide shared use trail.
- Due to varying right-of-way, landscape strips on either side of the road will vary in width, but will be at least 6 feet wide.
- Landscape strips allow for bioswales, rain gardens, stormwater planters and vegetated filter strips .



A. Permeable Pavement



E. High Albedo Pavement



B. Bioswale



F. Native Vegetation



C. Rain Garden



G. Curb Cuts



D. Vegetated Filter Strips

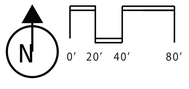


H. Dry Swale

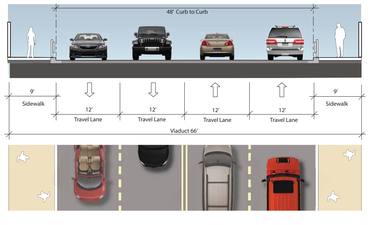
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East 20th at High School

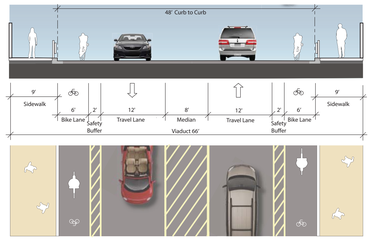




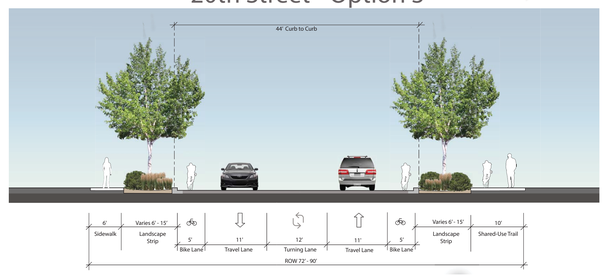
PROPOSED VIADUCT ALIGNMENT



VIADUCT ALIGNMENT - COMPLETE STREETS

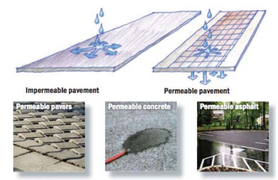


20th Street - Option 3

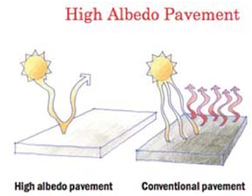




- Provides two primary traffic lanes and a continuous center turn lane.
- Does not include on-street parking.
- Includes bike lanes on both sides of the street.
- Incorporates bicycle and pedestrian traffic on a 10-foot wide shared use trail.
- Due to varying right-of-way, landscape strips on either side of the road will vary in width, but will be at least 6 feet wide.
- Landscape strips allow for bioswales, rain gardens, stormwater planters and vegetated filter strips .



A. Permeable Pavement



E. High Albido Pavement



B. Bioswale



F. Native Vegetation



C. Rain Garden



G. Curb Cuts



D. Vegetated Filter Strips



H. Dry Swale

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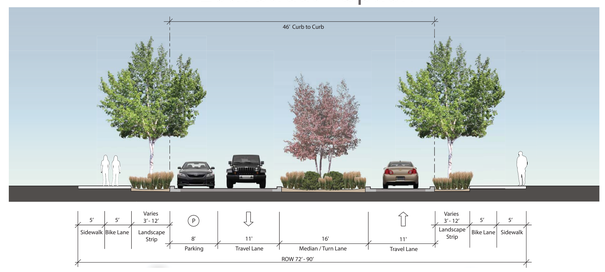
GREEN | COMPLETE STREETS JOPLIN

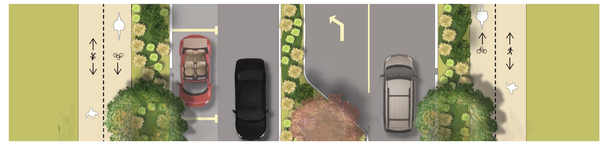
East 20th at Library



Pros and Cons

20th Street - Option 4





- Provides two primary traffic lanes.
- Includes on-street parking on one-side of the street.
- Incorporates bicycle and pedestrian traffic on a 10-foot wide shared use trail on both sides of the street.
- Provides a 16-foot wide median, with a portion of the width to be allotted for a turn lane. Median will be large enough to incorporate stormwater mitigation applications.
- Landscape strips allow for bioswales, rain gardens, stormwater planters and vegetated filter strips.


A. Permeable Pavement


E. Native Vegetation


B. Bioswale


F. Curb Cuts


C. Rain Garden

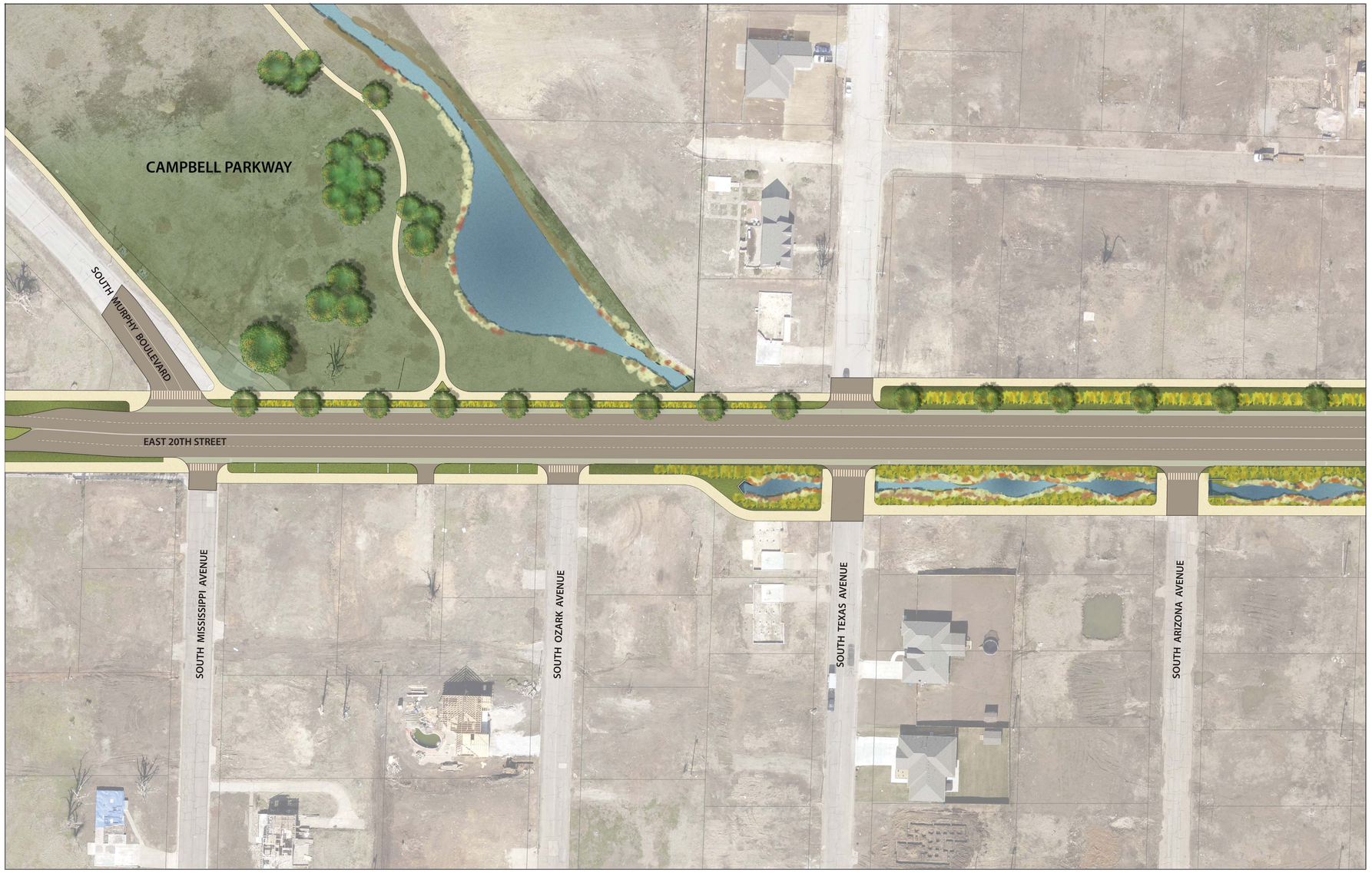

G. Dry Swale


D. Vegetated Filter Strips


H. Stormwater Median

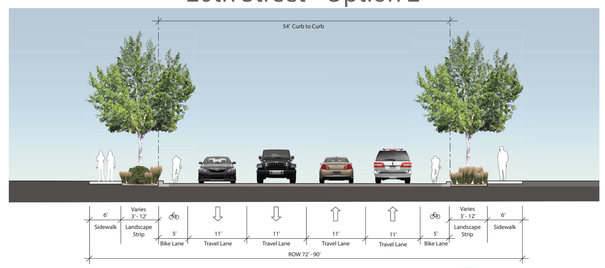
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East 20th at Texas Ave.



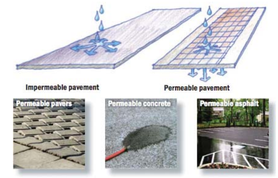
Pros and Cons

20th Street - Option 2





- Provides four traffic lanes.
- Includes bike lanes on both sides of the street.
- Includes 6-foot wide sidewalks on both sides of the street.
- Does not include on-street parking.
- Landscape strips allow for bioswales, rain gardens, stormwater planters and vegetated filter strips.



A. Permeable Pavement



E. Pervious Parking



B. Bioswale



F. Stormwater Median



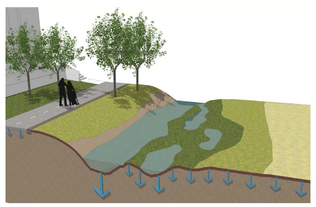
C. Rain Garden



G. Riparian Buffer



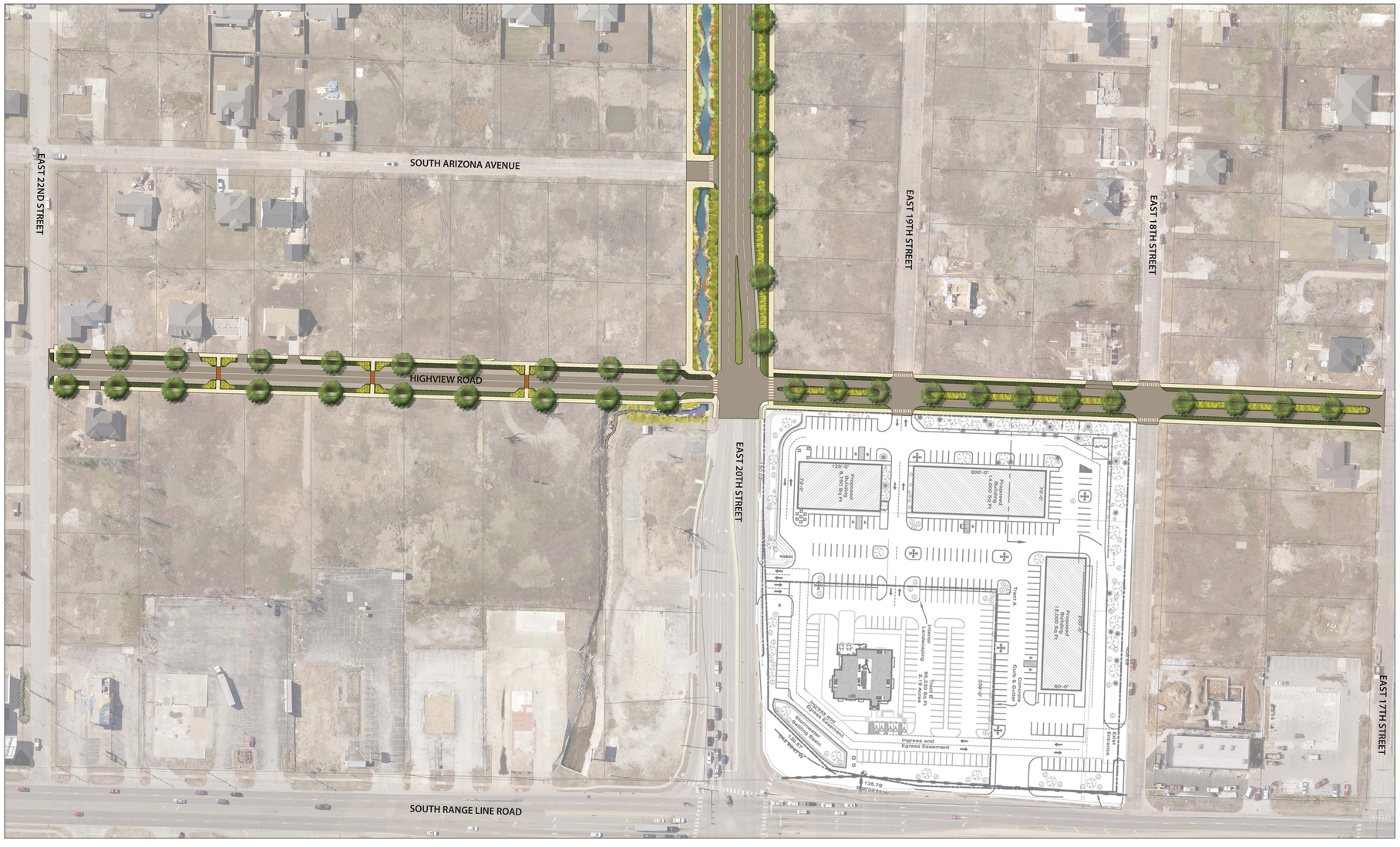
D. Curb Bulb Outs



H. Infiltration Basin

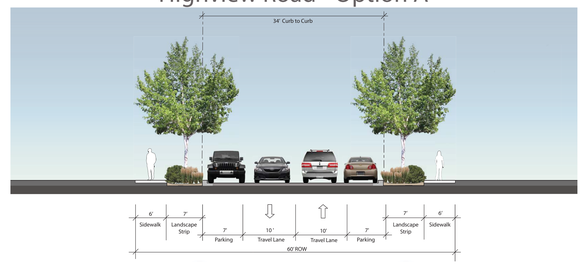
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Highview Road



Pros and Cons

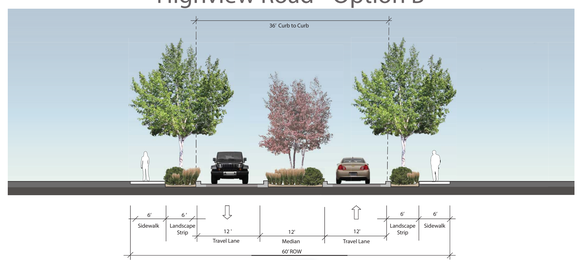
Highview Road - Option A

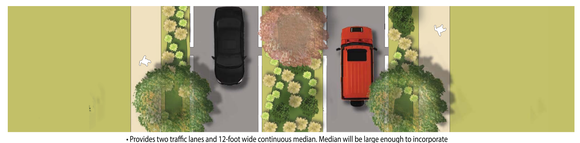




- Provides two narrow 10-foot wide traffic lanes to help slow traffic down.
- Includes on-street parking.
- Does not include bike lanes.
- Includes 6-foot wide sidewalks on both sides of the street.
- Provides continuous 7-foot wide landscape strips on both sides of the street.
- Landscape strips allow for bioswales, rain gardens, stormwater planters and vegetated filter strips.
- Provides for midblock bulbouts to accommodate pedestrians and to slow traffic.

Highview Road - Option B

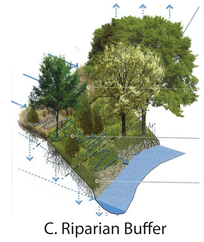




- Provides two traffic lanes and 12-foot wide continuous median. Median will be large enough to incorporate stormwater mitigation applications.
- Does not include on-street parking or bike lanes.
- Includes 6-foot wide sidewalks on both sides of the street.
- Provides continuous 6-foot wide landscape strips on both sides of the street.
- Landscape strips allow for bioswales, rain gardens, stormwater planters and vegetated filter strips.



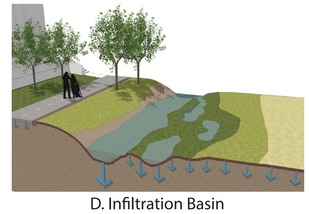
A. Curb Bulb Outs



C. Riparian Buffer



B. Pervious Parking

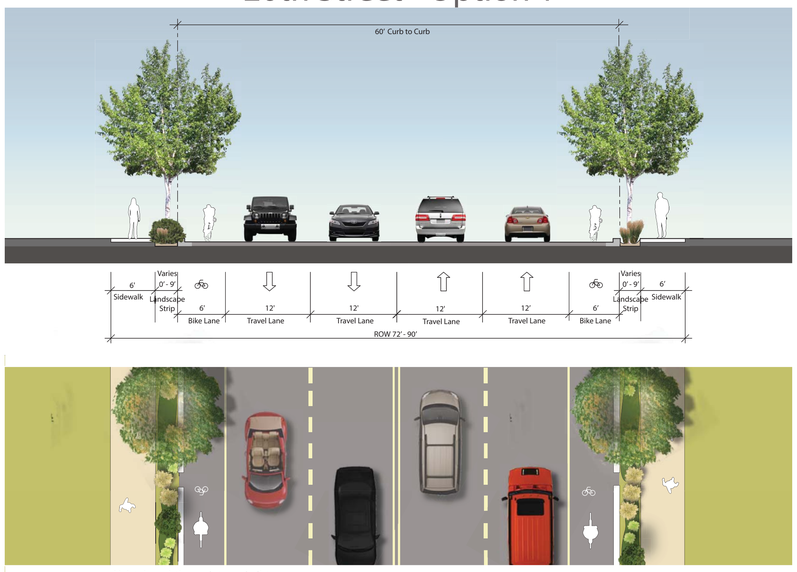


D. Infiltration Basin

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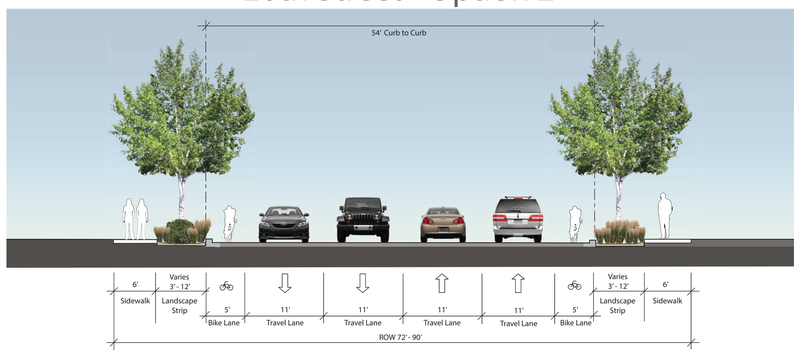
Street Sections

20th Street - Option 1



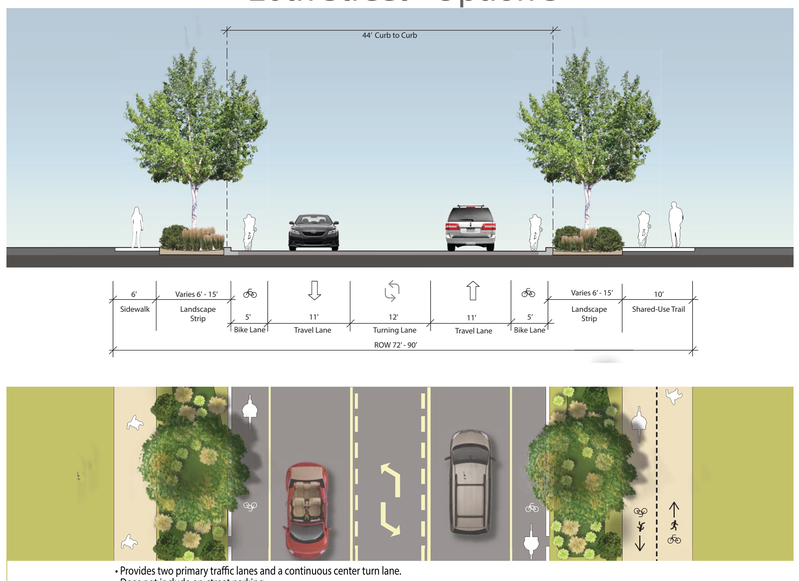
- Maintains existing curb-to-curb distance.
- Provides four traffic lanes and two bicycle lanes.
- Includes 6-foot wide sidewalks on both sides of the street.
- Does not include on-street parking.
- Due to varying right-of-way, a landscape buffer between pedestrians and the street is not possible along the entire corridor, limiting the space available to mitigate stormwater runoff.

20th Street - Option 2



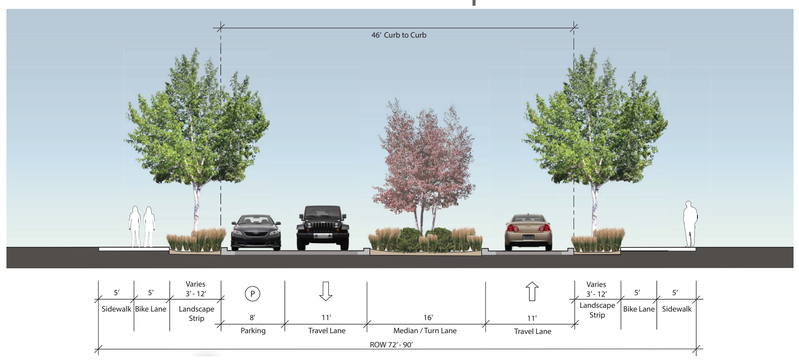
- Provides four traffic lanes.
- Includes bike lanes on both sides of the street.
- Includes 6-foot wide sidewalks on both sides of the street.
- Does not include on-street parking.
- Landscape strips allow for bioswales, rain gardens, stormwater planters and vegetated filter strips.

20th Street - Option 3



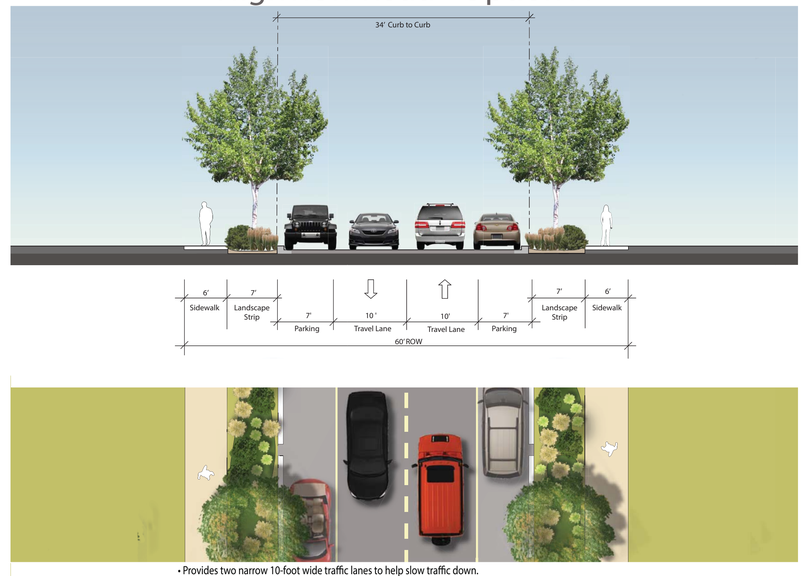
- Provides two primary traffic lanes and a continuous center turn lane.
- Does not include on-street parking.
- Includes bike lanes on both sides of the street.
- Incorporates bicycle and pedestrian traffic on a 10-foot wide shared use trail.
- Due to varying right-of-way, landscape strips on either side of the road will vary in width, but will be at least 6 feet wide.
- Landscape strips allow for bioswales, rain gardens, stormwater planters and vegetated filter strips .

20th Street - Option 4



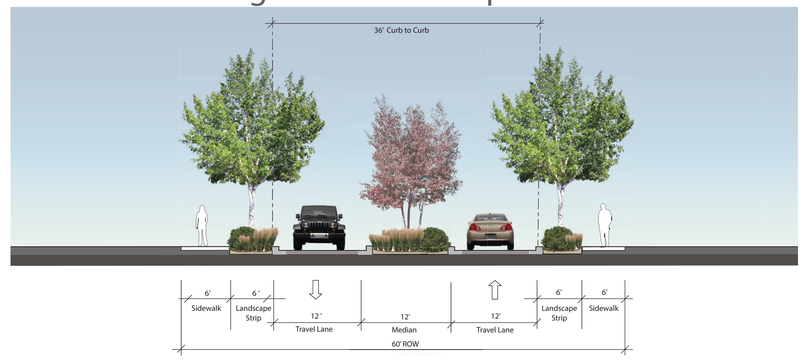
- Provides two primary traffic lanes.
- Includes on-street parking on one-side of the street.
- Incorporates bicycle and pedestrian traffic on a 10-foot wide shared use trail on both sides of the street.
- Provides a 16-foot wide median, with a portion of the width to be allotted for a turn lane. Median will be large enough to incorporate stormwater mitigation applications.
- Landscape strips allow for bioswales, rain gardens, stormwater planters and vegetated filter strips.

Highview Road - Option A



- Provides two narrow 10-foot wide traffic lanes to help slow traffic down.
- Includes on-street parking.
- Does not include bike lanes.
- Includes 6-foot wide sidewalks on both sides of the street.
- Provides continuous 7-foot wide landscape strips on both sides of the street.
- Landscape strips allow for bioswales, rain gardens, stormwater planters and vegetated filter strips.
- Provides for midblock bulbouts to accommodate pedestrians and to slow traffic.

Highview Road - Option B



- Provides two traffic lanes and 12-foot wide continuous median. Median will be large enough to incorporate stormwater mitigation applications.
- Does not include on-street parking or bike lanes.
- Includes 6-foot wide sidewalks on both sides of the street.
- Provides continuous 6-foot wide landscape strips on both sides of the street.
- Landscape strips allow for bioswales, rain gardens, stormwater planters and vegetated filter strips.

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