

Memorandum

City of Lawrence

Public Works Department

TO: Transportation Commission
FROM: Amanda Sahin, Transportation Engineer
DATE: March 28, 2018
RE: Agenda Item for Transportation Commission 4/2/2018:
2017/2018 Ped/Bike/Ramp Projects and 2017/2018 CDBG Projects

Background

Several funding sources are available for the pedestrian, bicycle and ramp projects for 2017 and 2018. Projects that will be constructed with these funds must be identified so that staff can proceed with the solicitation for design service. The funding sources are:

- 2017 CDBG ADA Ramps - \$93,000
- 2017 CDBG 16th and Haskell Crossing - \$45,000
- 2017/2018 Sidewalk/Bike/Ped Improvements/ADA Ramps (funding split approved at Feb 5, 2018 meeting)
 - \$350,000 Bikeways
 - \$150,000 Sidewalk Gaps/Ped Improvements
 - \$100,000 ADA Ramps
- 2018 CDBG - \$240,200 (recommended by Community Development Advisory Committee, still needs approval by City Commission)

Staff has used the approved Non-Motorized Projects Prioritization Policy to rank all of the applicable projects and has also put together planning level estimates for several of the potential projects. Based on the rankings and available funding, staff has developed a recommended spending plan for the funds that is outlined below.

Details

ADA Ramps

- 2017/2018 ADA Ramps Funds
 - \$18,000 Design for 2017 CDBG ramps
 - \$82,000 Design and construction of ramps along the designated Safe Routes to School for New York Elementary
- 2017 CDBG ADA Ramps Funds
 - \$93,000 Construction of ramps along 11th St from Massachusetts St to Burroughs Creek Trail

Bikeways

- 2017/2018 Bike Improvements Funds
 - \$350,000 for design and construction of the following projects:
 - Bike Boulevard on 21st St from Iowa St and Naismith Dr
 - Bike Boulevard on 21st St from Naismith Dr to Massachusetts St
 - Bike Boulevard on Lawrence Ave from Harvard Rd to Bob Billings Pkwy

Sidewalk Gaps/Ped Improvements

- 2017 CDBG 16th and Haskell Crossing Funds
 - Originally proposed as a Pedestrian Hybrid Beacon, however, staff proposes changing it to a Rectangular Rapid Flashing Beacon (RRFB) because it is more cost effective (FHWA issued new interim approval of RRFB's on 3/20/18)
 - Design would be paid for using the 2017/2018 ped improvement funds.
- 2017/2018 Sidewalk Gap/Ped Improvements Funds
 - \$5,000 for design of RRFB at 16th and Haskell
 - \$145,000 for design and construction of the following projects:
 - East side of Michigan St, 2nd to 3rd (P083)
 - South side of W. 27th St, Crestline to Chipperfield (P088)
 - South side of Harvard Rd, Iowa to Hilltop (P141)
- 2018 CDBG Funds
 - \$240,200 for design and construction of the following projects:
 - South side of E 19th St, Barker to Moodie (P002,P003,P004,P068)
 - South side of E 15th St, Haskell to Maple (P147)
 - East side of Ousdahl Rd, W 19th to W 23rd (P092)

Action Request

Approve the proposed project lists for the 2017/2018 Pedestrian/Bike/Ramp Projects and 2017/2018 CDBG Projects.

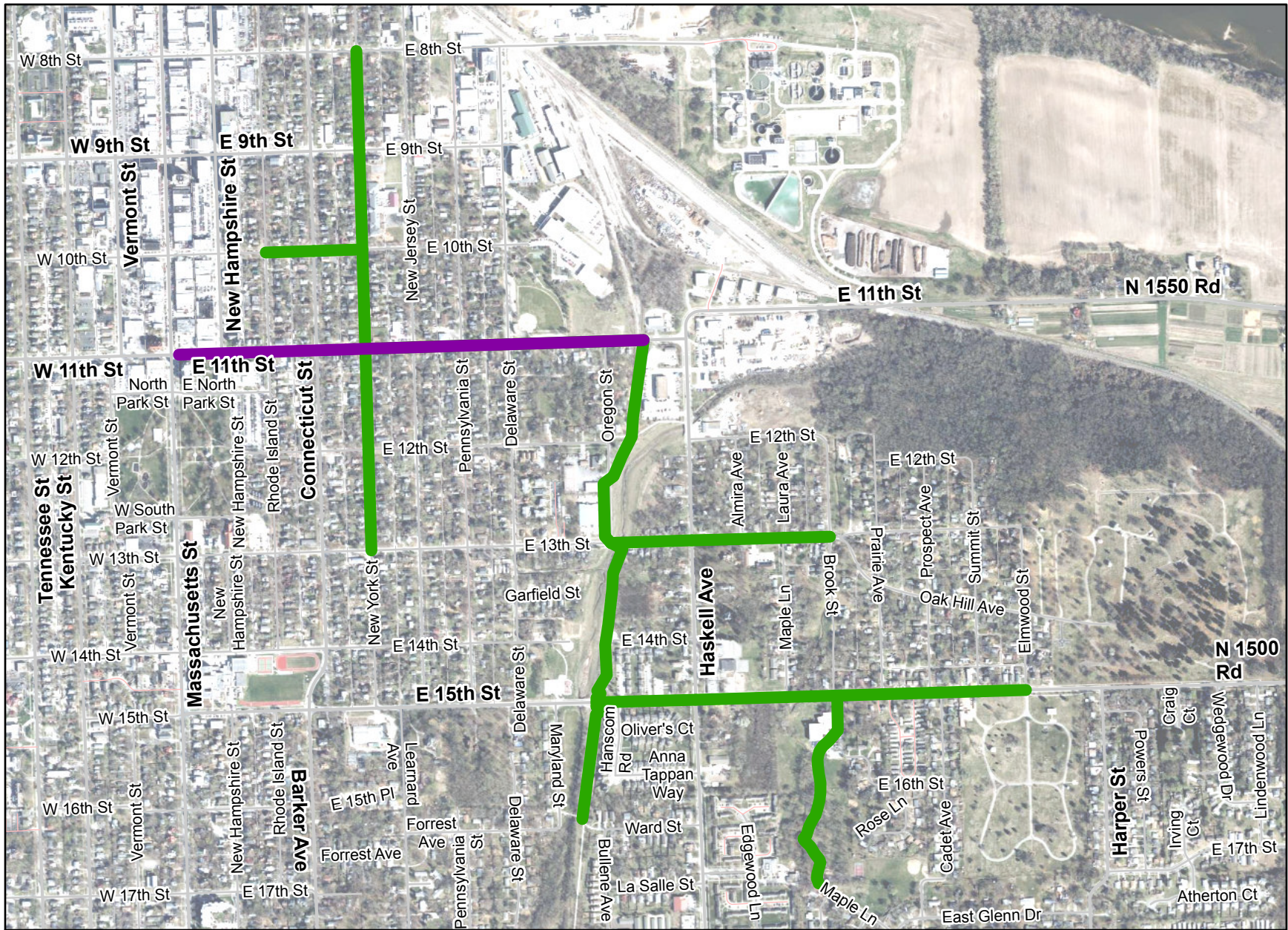
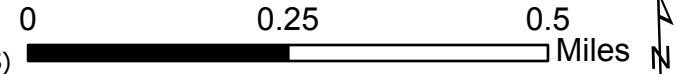
Attachments:

Ranked project lists

Maps

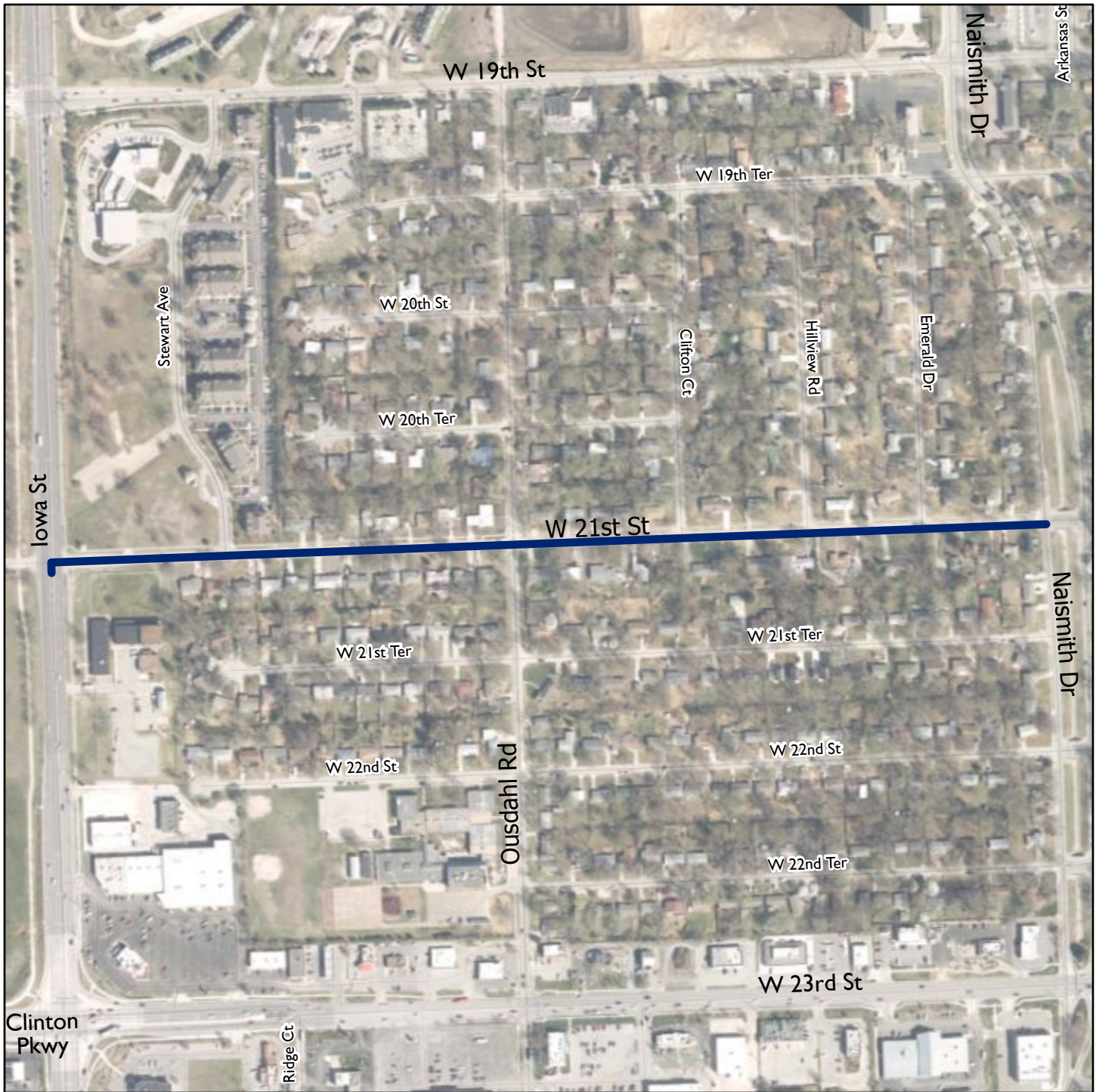
2017 / 2018 ADA Ramp Projects

- 2017 ADA Ramps (CDBG)
- 2017 / 2018 ADA Ramps (New York SRTS)



Bike Projects - Prioritized per Non-motorized Project Prioritization Policy

| GIS ID# | Project | Facility Type | Length (ft) | Adopted Plan Priorities | Total Score | Estimate | Status | Notes |
|---------|---|---------------------|-------------|-------------------------|-------------|-------------|----------|----------------------------------|
| B128 | 6th Street - Iowa to Wisconsin | Shared Use Path | 1,191 | 5 | 15 | \$206,000 | | |
| B116 | 6th Street - Lawrence to Iowa | Shared Use Path | 3,280 | 5 | 14 | \$445,000 | | |
| B030 | 6th Street - Kasold to Lawrence | Shared Use Path | 2,178 | 5 | 12 | \$296,000 | | |
| B029 | 6th Street - Monterey to Kasold | Shared Use Path | 2,116 | 5 | 11 | \$416,000 | | |
| B033 | 9th Street - at Mississippi | Bike Lane | 705 | 5 | 11 | | | intersection improvements needed |
| B022 | Wisconsin Street | Bike Boulevard | 662 | 5 | 10 | \$24,000 | | |
| B126 | 21st Street - Iowa to Naismith | Bike Boulevard | 2,880 | 5 | 10 | \$101,000 | Proposed | proposed 2017/2018 bike project |
| B013 | 21st Street - Naismith to Mass | Bike Boulevard | 4,150 | 5 | 10 | \$146,000 | Proposed | proposed 2017/2018 bike project |
| B026 | 13th Street | Bike Boulevard | 2,970 | 5 | 10 | \$104,000 | Selected | 2018 traffic calming project |
| B007 | Massachusetts Street - 11th to 14th | Bike Lane | 2,036 | 5 | 10 | N/A | CIP | 2018 |
| B015 | Naismith Drive - 18th to 23rd | Bike Lane | 3,511 | 5 | 10 | N/A | CIP | 2023-2024 |
| B027 | Massachusetts Street - 14th to 21st | Bike Lane | 4,221 | 5 | 10 | | | |
| B005 | Mississippi St - Fambrough to Jayhawk | Bike Lane | 2,792 | 5 | 10 | | | |
| B008 | Naismith Drive - On KU Campus | Bike Lane | 2,161 | 5 | 10 | N/A | | KU |
| B127 | Mississippi St - 9th to Fambrough | Bike Lane | 1,188 | 5 | 10 | | | |
| B009 | 29th Street - Haskell Rail Trail to Haskell | Shared Use Path | 843 | 5 | 10 | N/A | CIP | 2018 |
| B017 | KU West Campus | Shared Use Path | 3,829 | 5 | 10 | N/A | | |
| B118 | Lawrence Loop - Burcham Park to New York | Shared Use Path | 2,264 | 5 | 10 | \$395,000 | | ROW and easements not included |
| B123 | Lawrence Loop - New York to 8th | Shared Use Path | 1,672 | 5 | 10 | \$279,000 | | ROW and easements not included |
| B124 | Lawrence Loop - 8th to 11th | Shared Use Path | 2,151 | 5 | 10 | \$394,000 | | ROW and easements not included |
| B016 | 9th Street - Downtown | Shared Lane Marking | 1,014 | 5 | 10 | | | |
| B024 | New Hampshire Street - 9th to 11th | Shared Lane Marking | 1,362 | 5 | 10 | | | |
| B025 | 11th Street | Shared Lane Marking | 365 | 5 | 10 | | | |
| B006 | New Hampshire Street - 6th to 9th | Shared Lane Marking | 1,972 | 5 | 10 | | | |
| B002 | 5th Street - Wisconsin to Tennessee | Bike Boulevard | 4,242 | 5 | 9 | \$149,000 | | |
| B003 | Lawrence Ave - Mesa to Harvard | Bike Boulevard | 3,103 | 5 | 9 | | | |
| B028 | Lawrence Avenue - Harvard to BBPW | Bike Boulevard | 2,920 | 5 | 9 | \$103,000 | Proposed | proposed 2017/2018 bike project |
| B004 | KU Central District | Shared Use Path | 4,311 | 5 | 9 | N/A | | KU |
| B018 | KU Main Campus - Jayhawk to Naismith | Shared Use Path | 2,023 | 5 | 9 | N/A | | KU |
| B120 | Lawrence Loop - Michigan to Shandra Shaw | Shared Use Path | 2,795 | 5 | 9 | \$445,000 | | ROW and easements not included |
| B121 | Lawrence Loop - Peterson to Michigan | Shared Use Path | 3,336 | 5 | 9 | \$1,130,000 | | ROW and easements not included |
| B014 | Atchison Watershed | Shared Use Path | 5,044 | 5 | 9 | | | |
| B019 | Lawrence Ave - on KU West Campus | Shared Use Path | 2,657 | 5 | 9 | | | KU |
| B032 | Lawrence Loop B - Kasold | Shared Use Path | 597 | 5 | 7 | | | |
| B010 | Lawrence Loop - Kasold to Queens | Shared Use Path | 11,686 | 5 | 6 | | | |



Bikeway Project B126: 21st Street -Iowa to Naismith



| Bikeway Prioritization Score | |
|------------------------------|-----------|
| Adopted Plan Score: | 5 |
| Bicycle Demand Score: | 5 |
| Roadway Volume Score: | 0 |
| Crossing Score: | 0 |
| Total Score: | 10 |

Project

Engineer's Estimate: \$101000

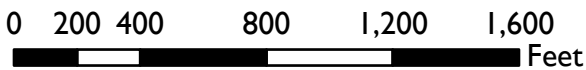


City of Lawrence

Date Printed: 3/27/2018



Bikeway Project B013: 21st Street - Naismith to Mass



| Bikeway Prioritization Score | |
|------------------------------|-----------|
| Adopted Plan Score: | 5 |
| Bicycle Demand Score: | 5 |
| Roadway Volume Score: | 0 |
| Crossing Score: | 0 |
| Total Score: | 10 |

Project

Engineer's Estimate: \$146000



City of Lawrence

Date Printed: 3/27/2018



Bikeway Project B028: Lawrence Avenue - Harvard to BBPW



| Bikeway Prioritization Score | |
|------------------------------|----------|
| Adopted Plan Score: | 5 |
| Bicycle Demand Score: | 4 |
| Roadway Volume Score: | 0 |
| Crossing Score: | 0 |
| Total Score: | 9 |

 Project

Engineer's Estimate: \$103000



City of Lawrence

Date Printed: 3/27/2018

Pedestrian Projects - Prioritized per Non-motorized Project Prioritization Policy

| GIS ID# | Project | Side | From | To | Road Classification | Total Score | SRTS | CDBG | Estimate | Status | Notes |
|---------|----------------|-------|-----------------------------|--------------------------------|---------------------|-------------|------|------|-----------|-----------|--|
| P027 | W 23rd St | North | Tennessee St | Vermont St | Arterial | 13 | No | No | | Selected | CIP - in design |
| P028 | W 23rd St | North | Ohio St | Tennessee St | Arterial | 13 | No | No | | Selected | CIP - in design |
| P008 | E 23rd St | South | 550' East of Harper | 750' east to driveway | Arterial | 11 | No | No | \$100,456 | | project considered for funding |
| P015 | Iowa St | East | 15th St/Bob Billings Pkwy | University Dr | Arterial | 11 | No | Yes | | | not feasible with terrain |
| P085 | W 9th St | North | Hilltop Dr | 400' East of Avalon Rd | Arterial | 11 | Yes | Yes | \$263,567 | | not cost effective |
| P068 | E 19th St | South | Burroughs Creek Trail | Moodie Rd | Arterial | 10 | Yes | Yes | \$19,639 | Proposed | proposed 2018 CDBG project |
| P147 | E 15th St | South | Haskell Ave | Maple Ln | Arterial | 10 | Yes | Yes | \$41,712 | Proposed | proposed 2018 CDBG project |
| P240 | E 19th St | South | Haskell Ave | Maple Ln | Arterial | 10 | Yes | Yes | \$76,676 | CIP | potentially include with E 19th St project |
| P054 | N 7th St | West | Lincoln St | Lyon St | Collector | 10 | Yes | Yes | \$124,341 | | open ditch, need substantial ROW or easement |
| P076 | E 15th St | South | Rhode Island St | New Jersey | Collector | 10 | Yes | Yes | \$116,115 | Selected | 2018 SRTS |
| P082 | Michigan St | East | W 5th St | W 4th St | Collector | 10 | Yes | Yes | \$38,239 | Selected | 2018 SRTS |
| P083 | Michigan St | East | W 3rd St | W 2nd St | Collector | 10 | Yes | Yes | \$55,289 | Proposed | proposed 2017/2018 ped project |
| P086 | Ousdahl Rd | East | W 23rd St | W 24th St | Collector | 10 | Yes | Yes | \$161,777 | | need substantial amount of retaining wall |
| P088 | W 27th St | South | Crestline Dr | 100 LF East of Chipperfield Rd | Collector | 10 | Yes | No | \$36,427 | Proposed | proposed 2017/2018 ped project |
| P091 | Alabama St | West | Jasu Dr | W 27th St | Collector | 10 | Yes | Yes | \$137,391 | | should be done with P227 (\$66k) |
| P092 | Ousdahl Rd | East | W 19th | W 22nd Ter | Collector | 10 | Yes | Yes | \$132,556 | Proposed | proposed 2018 CDBG project |
| P138 | Michigan St | East | W 4th St | W 3rd St | Collector | 10 | Yes | Yes | | Completed | constructed by LMH |
| P141 | Harvard Rd | South | Iowa St | Hilltop Dr | Collector | 10 | Yes | Yes | \$54,418 | Proposed | proposed 2017/2018 ped project |
| P142 | Harvard Rd | South | Crestline Dr | Iowa St | Collector | 10 | Yes | Yes | \$92,443 | | project considered for funding |
| P146 | E 15th St | South | Hanscom Rd | Haskell Ave | Collector | 10 | Yes | Yes | | Selected | 2017 SRTS |
| P175 | N 7th St | East | Lincoln St | Maple St | Collector | 10 | Yes | Yes | \$60,220 | | project considered for funding |
| P181 | W 21st St | South | Emerald Dr | Naismith Dr | Collector | 10 | Yes | Yes | \$82,800 | | project considered for funding |
| P242 | E 15th St | South | New Jersey | 240' west of Hanscom | Collector | 10 | Yes | Yes | | Selected | 2017 SRTS |
| P050 | Lincoln St | Both | N 2nd St | N 4th St | Street | 10 | Yes | Yes | \$352,317 | | retaining walls, tree removal, stair replacement |
| P019 | E 23rd St | South | 1200' east of O'Connell | O'Connell Rd | Arterial | 10 | No | No | \$102,909 | | portion may be completed with development |
| P020 | E 23rd St | North | FF St | 200' east | Arterial | 10 | No | Yes | \$5,919 | | |
| P021 | E 23rd St | North | 280' East of FF St | Venture Park Way | Arterial | 10 | No | Yes | \$9,323 | | |
| P026 | McDonald Dr | East | Princeton Blvd/W 2nd St | Bluffs Dr | Arterial | 10 | No | Yes | | | |
| P030 | McDonald Dr | West | Princeton Blvd/W 2nd St | Bluffs Dr | Arterial | 10 | No | Yes | | | |
| P052 | Yale Road | Both | Centennial Dr | Crestline Dr | Street | 10 | Yes | Yes | \$95,725 | Selected | 2018 SRTS |
| P051 | Ridge Ct | West | W 26th St | W 27th St | Street | 10 | Yes | Yes | | | |
| P143 | Harvard Rd | South | 570 LF West of Crestline Dr | Crestline Dr | Street | 10 | Yes | No | | | |
| P056 | Elm St | North | N 6th St | N 8th St | Street | 10 | Yes | Yes | | | |
| P057 | Elm St | North | 200 LF East of N 2nd St | N 3rd St | Street | 10 | Yes | Yes | | | |
| P061 | Davis Rd | North | Clare Rd | Harper St | Street | 10 | Yes | Yes | | | |
| P062 | Maple Ln | East | E 21st Ter | 280 LF South of Clare Rd | Street | 10 | Yes | Yes | | | |
| P063 | E 21st Ter | South | 140 LF South of E 21st St | Maple Ln | Street | 10 | Yes | Yes | | | |
| P065 | Hampton St | North | Kensington Rd | Mayfair Dr | Street | 10 | Yes | No | | | |
| P066 | Mayfair Dr | East | Hampton St | E 27th St | Street | 10 | Yes | No | | | |
| P069 | Vermont St | East | 150 LF North of W 19th St | 250 LF South of W 17th St | Street | 10 | Yes | Yes | | | |
| P070 | W 20th St | South | Tennessee St | Vermont St | Street | 10 | Yes | No | | | |
| P071 | Tennessee St | East | W 21st St | W 20th St | Street | 10 | Yes | No | | | |
| P072 | Vermont St | East | W 20th St | 340 LF South of W 19th St | Street | 10 | Yes | No | | | |
| P073 | W 18th St | North | Tennessee St | Vermont St | Street | 10 | Yes | Yes | | | |
| P074 | Vermont St | East | 250 LF North of W 17th St | W 16th St | Street | 10 | Yes | Yes | | | |
| P075 | W 15th St | South | 150 LF East of Kentucky St | Vermont St | Street | 10 | Yes | Yes | | | |
| P077 | W 5th St | North | Mississippi St | Tennessee St | Street | 10 | Yes | Yes | | | |
| P080 | W 7th St | North | Missouri St | Illinois St | Street | 10 | Yes | Yes | | | |
| P081 | Mississippi St | East | W 5th St | W 6th St | Street | 10 | Yes | Yes | | | |

Pedestrian Projects - Prioritized per Non-motorized Project Prioritization Policy

| GIS ID# | Project | Side | From | To | Road Classification | Total Score | SRTS | CDBG | Estimate | Status | Notes |
|---------|------------------------|-------|-----------------------------|----------------------------|---------------------|-------------|------|------|-----------|----------|--|
| P084 | Hilltop Dr | West | Harvard Rd | W 9th St | Street | 10 | Yes | Yes | | | |
| P090 | Belle Haven Drive | Both | W 27th St | W 27th Ter | Street | 10 | Yes | Yes | | | |
| P095 | Scottsdale St | West | W 25th St | W 27th St | Street | 10 | Yes | Yes | | | |
| P096 | W 24th St | South | Via Linda Dr | W 25th St | Street | 10 | Yes | Yes | | | |
| P097 | Ranch St | East | W 24th St | Ranch Way (Private) | Street | 10 | Yes | No | | | |
| P104 | Wildwood Dr | East | Woodland Dr | Grove Dr | Street | 10 | Yes | No | | | |
| P108 | Palisades Dr | South | Silver Rain Rd | George Williams Way | Street | 10 | Yes | No | | | |
| P122 | Yale Rd | North | Schwarz Rd | Crestline Dr | Street | 10 | Yes | No | | | |
| P123 | Schwarz Rd | East | W 9th St | Yale Rd | Street | 10 | Yes | No | | | |
| P124 | Sunset Dr | East | Harvard Rd | Stratford Rd | Street | 10 | Yes | Yes | | | |
| P130 | Park Hill Ter | South | Louisiana Street | Kansas St | Street | 10 | Yes | Yes | | | |
| P134 | E 21st Street | Both | Miller Dr | E 21st Ter | Street | 10 | Yes | Yes | | | |
| P136 | Oak Tree Dr | East | Inverness Dr | W 12th St | Street | 10 | Yes | No | | | |
| P137 | N 7th St | East | Locust St | Elm St | Street | 10 | Yes | Yes | | Selected | 2017 SRTS |
| P139 | Arrowhead Dr | West | Peterson Rd | Brett Dr | Street | 10 | Yes | No | | | |
| P145 | W 18th St | Both | Ohio St | Tennessee St | Street | 10 | Yes | Yes | | | |
| P031 | Kasold Dr | West | W 5th Ter | Trail Rd | Arterial | 9 | No | No | | | |
| P007 | Lakeview Rd | North | N Iowa St | Timberledge Rd | Arterial | 9 | No | No | | | |
| P047 | Lakeview Rd | South | Timberledge Rd | City Limits | Arterial | 9 | No | No | | | |
| P014 | Kasold Dr | East | Clinton Pkwy | W 22nd Ter | Arterial | 9 | No | No | | CIP | 2019 CIP |
| P025 | W 9th St | North | Highland Dr | Hilltop Dr | Arterial | 9 | No | Yes | \$79,989 | | retaining walls and tree removal |
| P002 | E 19th St | South | Delaware St | 340 LF West of Moodie Rd | Arterial | 8 | No | Yes | \$11,963 | Proposed | proposed 2018 CDBG project |
| P003 | E 19th St | South | Learnard Ave | Delaware St | Arterial | 8 | No | Yes | \$16,165 | Proposed | proposed 2018 CDBG project |
| P004 | E 19th St | South | Barker Ave | Learnard Ave | Arterial | 8 | No | Yes | \$22,689 | Proposed | proposed 2018 CDBG project |
| P236 | W 19th Street Crossing | | Alabama St | | Arterial | 8 | Yes | Yes | \$30,000 | | project considered for funding |
| P098 | Wakarusa Dr | West | Stoneback Dr | 440 LF North of W 27th St | Arterial | 8 | Yes | Yes | | CIP | future plans to widen Wakarusa |
| P006 | Kasold Dr | East | W 6th St | Westridge Dr | Arterial | 8 | No | No | | | |
| P001 | E 19th St | South | Clare Rd | Edgelea Rd | Arterial | 8 | No | Yes | \$26,733 | CIP | potentially include with E 19th St project |
| P005 | N Iowa St | East | South of Riverridge Rd | | Arterial | 8 | No | No | | | |
| P009 | Bob Billings Pkwy | South | Inverness Dr | Monterey Way | Arterial | 8 | No | No | | | |
| P010 | Haskell Ave | East | E 12th St | 85 LF North of E 12th St | Arterial | 8 | No | Yes | | | |
| P018 | E 19th St | South | Harper St | Brookwood Mobile Home Park | Arterial | 8 | No | Yes | | CIP | include with E 19th St project |
| P035 | Lakeview Rd | South | N Iowa St | Timberledge Rd | Arterial | 8 | No | No | | | |
| P043 | Haskell Ave | East | E 12th St | E 13th St | Arterial | 8 | No | Yes | | | |
| P044 | Haskell Ave | East | E 13th St | E 14th St | Arterial | 8 | No | Yes | | | |
| P048 | W 19th St | North | Naismith Dr | Maine St | Arterial | 8 | No | Yes | | | |
| P049 | W 19th St | North | Iowa St | Naismith Dr | Arterial | 8 | No | Yes | | | |
| P238 | Haskell Ave crossing | | E 16th St | | Arterial | 8 | No | Yes | \$25,000 | Selected | 2017 CDBG funded |
| P060 | Harper St | East | E 19th St | E 17th St | Collector | 8 | Yes | Yes | \$55,787 | CIP | 2023 CIP |
| P064 | E 25th Ter | South | Ponderosa Dr | 150 LF West of Carlton Dr | Collector | 8 | Yes | No | \$127,128 | Selected | 2018 SRTS |
| P118 | Trail Rd | North | Kasold Dr | Rockfence Pl | Collector | 8 | Yes | No | | | |
| P109 | Harvard Rd | North | Monterey Way | Randall Rd | Collector | 8 | Yes | No | | | |
| P112 | Trail Rd | North | Monterey Way | Kasold Dr | Collector | 8 | Yes | No | | | |
| P119 | Trail Rd | North | 290 LF West of Millstone Dr | Settlers Dr | Collector | 8 | Yes | No | | | |
| P144 | Ousdahl Rd | West | W 24th St | W 26th St | Collector | 8 | Yes | Yes | | | |
| P140 | Brentwood Drive | West | Brett Dr | Arrowhead Dr | Street | 8 | Yes | No | | | |
| P053 | Lincoln St | North | N 4th St | N 7th St | Street | 8 | Yes | Yes | | | |
| P058 | Oregon St | East | E 13th St | 260 LF South of E 12th St | Street | 8 | Yes | Yes | | | |
| P087 | Crestline Dr | East | Crestline Ct | W 27th St | Street | 8 | Yes | No | | | |
| P089 | Belle Haven Dr | West | W 27th Ter | W 29th St | Street | 8 | Yes | Yes | | | |

Pedestrian Projects - Prioritized per Non-motorized Project Prioritization Policy

| GIS ID# | Project | Side | From | To | Road Classification | Total Score | SRTS | CDBG | Estimate | Status | Notes |
|---------|----------------|------------|----------------------------|---------------------------|---------------------|-------------|------|------|----------|--------|-------|
| P103 | Oak Tree Dr | North | Woodland Dr | Goldfield St | Street | 8 | Yes | No | | | |
| P105 | Grove Dr | North | Wildwood Dr | Harvard Rd | Street | 8 | Yes | No | | | |
| P113 | Tillerman Dr | South | Eagle Pass Dr | N Kasold Dr | Street | 8 | Yes | No | | | |
| P129 | W 26th St | North | Ousdahl | Ridge Ct | Street | 8 | Yes | Yes | | | |
| P055 | N 8th St | East | Elm St | Walnut St | Street | 8 | Yes | Yes | | | |
| P059 | E 13th St | North | Haskell Ave | Brook St | Street | 8 | Yes | Yes | | | |
| P067 | Kensington Rd | East | E 28th St | E 30th St | Street | 8 | Yes | No | | | |
| P078 | Illinois St | East | W 5th St | W 3rd St | Street | 8 | Yes | Yes | | | |
| P079 | W 5th St | North | Wisconsin St | 180 LF West of Alabama St | Street | 8 | Yes | Yes | | | |
| P093 | Crestline Dr | East | W 30th St | Crestline Pl | Street | 8 | Yes | No | | | |
| P094 | Winterbrook Dr | West | 450 LF South of W 25th Ter | Kasold Dr | Street | 8 | Yes | No | | | |
| P099 | Wimbledon Dr | West | Killarney Ct | Inverness Dr | Street | 8 | Yes | No | | | |
| P100 | Carmel Dr | West | Inverness Dr | Killarney Ct | Street | 8 | Yes | No | | | |
| P102 | Goldfield St | South | Oak Tree Dr | Harvard Rd | Street | 8 | Yes | No | | | |
| P106 | Stonecreek Dr | West | Harvard Rd | Legends Dr | Street | 8 | Yes | No | | | |
| P107 | April Rain Rd | West | Harvard Rd | Stoneridge Dr | Street | 8 | Yes | No | | | |
| P115 | Creekwood Dr | North | Glenview Dr | Princeton Blvd | Street | 8 | Yes | No | | | |
| P120 | Schwarz Rd | South/West | Lawrence Ave | W 6th St | Street | 8 | Yes | Yes | | | |
| P125 | Tomahawk Dr | South | Rockfence Pl | Bighorn Ct | Street | 8 | Yes | No | | | |
| P131 | Kansas St | East/South | Park Hill Ter | Montana St | Street | 8 | Yes | Yes | | | |
| P132 | E 17th St | North | Harper St | Powers St | Street | 8 | Yes | Yes | | | |
| P135 | E 21st Ter | Both | E 21st St | 120 LF South of E 21st St | Street | 8 | Yes | Yes | | | |
| P045 | Kasold Dr | East | Tam O'Shanter Dr | Bob Billings Pkwy | Arterial | 7 | No | Yes | | | |
| P032 | Kasold Dr | East | W 5th Ter | Trail Rd | Arterial | 7 | No | No | | | |
| P037 | N 3rd St | West | KTA Entrance Rd | City Limits | Arterial | 7 | No | Yes | | | |
| P039 | N 3rd St | East | KTA Entrance Rd | | Arterial | 7 | No | Yes | | | |
| P040 | N 3rd St | East | KTA Entrance Rd | City Limits | Arterial | 7 | No | Yes | | | |
| P041 | N 3rd St | East | KTA Entrance Rd | | Arterial | 7 | No | Yes | | | |
| P029 | Kasold Dr | East | W 22nd St | Tam O'Shanter Dr | Arterial | 7 | No | No | | | |
| P011 | W 31st St | North | East of Ousdahl Rd | | Arterial | 7 | No | Yes | | | |
| P155 | Naismith Dr | East | W 22nd Ter | W 23rd St | Collector | 7 | No | Yes | | | |
| P158 | Naismith Dr | East | W 22nd St | W 22nd Ter | Collector | 7 | No | Yes | | | |
| P159 | Naismith Dr | East | W 21st St | W 22nd St | Collector | 7 | No | Yes | | | |
| P160 | Naismith Dr | East | W 19th St | W 19th Ter | Collector | 7 | No | Yes | | | |
| P161 | Naismith Dr | East | W 19th Ter | W 20th St | Collector | 7 | No | Yes | | | |
| P162 | Naismith Dr | East | W 20th St | W 21st St | Collector | 7 | No | Yes | | | |
| P148 | Rockledge Rd | East | W 9th St | National Ln | Collector | 7 | No | Yes | | | |
| P149 | Lyon St | North | N 7th St | 600 LF East of N 7th St | Collector | 7 | No | Yes | | | |
| P151 | W 2nd St | South | McDonald Dr | Mount Hope Ct | Collector | 7 | No | Yes | | | |
| P156 | W 21st St | South | Naismith Dr | Mitchell Rd | Collector | 7 | No | Yes | | | |
| P163 | W 21st St | South | Mitchell Rd | Owens Ln | Collector | 7 | No | Yes | | | |
| P164 | Harper St | West | E 24th St | E 25th Ter | Collector | 7 | No | Yes | | | |
| P166 | Overland Dr | North | North of Queens Rd | | Collector | 7 | No | No | | | |
| P167 | Overland Dr | South | South of Queens Rd | | Collector | 7 | No | No | | | |
| P172 | Lyon St | North | N 2nd St | N 3rd St | Collector | 7 | No | Yes | | | |
| P174 | Lyon St | North | N 6th St | N 7th St | Collector | 7 | No | Yes | | | |
| P176 | Locust St | North | N 3rd St | N 7th St | Collector | 7 | No | Yes | | | |
| P179 | W 21st St | South | Carolina St | Louisiana St | Collector | 7 | No | Yes | | | |
| P180 | W 21st St | South | Iowa St | Ousdahl Rd | Collector | 7 | No | Yes | | | |
| P182 | Naismith Dr | East | Dillon's Entrance | W 23rd St | Collector | 7 | No | Yes | | | |

Pedestrian Projects - Prioritized per Non-motorized Project Prioritization Policy

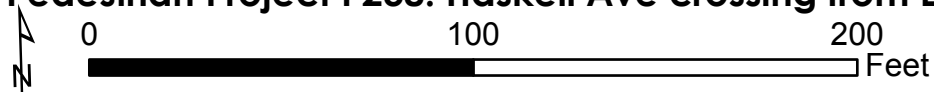
| GIS ID# | Project | Side | From | To | Road Classification | Total Score | SRTS | CDBG | Estimate | Status | Notes |
|---------|-----------------------|--------------|----------------------------|----------------------------|---------------------|-------------|------|------|----------|----------|-----------------------------------|
| P183 | W 24th St | North | Eddingham Dr | Naismith Dr | Collector | 7 | No | Yes | | | |
| P184 | W 24th St | North | 94 LF West of Eddingham Dr | Eddingham Dr | Collector | 7 | No | Yes | | | |
| P185 | Crestline Dr | West | W 9th St | Yale Rd | Collector | 7 | No | No | | | |
| P186 | Rockledge Rd | South | East of Country Club Ter | | Collector | 7 | No | Yes | | | |
| P188 | Rockledge Rd | North | East of Country Club Ter | | Collector | 7 | No | Yes | | | |
| P189 | Rockledge Rd | West | W 6th St | National Ln | Collector | 7 | No | Yes | | | |
| P192 | Kensington Rd | West | Hampton St | E 27th St | Collector | 7 | No | No | | | |
| P193 | W 15th St | North | Engel Rd | Iowa St | Collector | 7 | No | Yes | | | |
| P195 | W 2nd St | North | Mount Hope Ct | Michigan St | Collector | 7 | No | Yes | | | |
| P197 | Maine St | East | W 6th St | W 4th St | Collector | 7 | No | Yes | | | |
| P198 | W 11th St | South | Indiana St | Louisiana St | Collector | 7 | No | Yes | | | |
| P203 | W 25th St | North | Iowa St | Ridge Ct | Collector | 7 | No | Yes | | | |
| P204 | W 25th St | South | Iowa St | Ridge Ct | Collector | 7 | No | Yes | | | |
| P211 | W 21st St | North | Tennessee St | Louisiana St | Collector | 7 | No | No | | | |
| P212 | W 21st St | South | Tennessee St | Louisiana St | Collector | 7 | No | No | | | |
| P213 | W 24th St | North | Ousdahl Rd | 94 LF West of Eddingham Dr | Collector | 7 | No | Yes | | | |
| P214 | W 24th St | South | Ousdahl Rd | Eddingham Dr | Collector | 7 | No | Yes | | Complete | Completed as part of 2016 CDBG |
| P216 | W 9th St | North | West of Iowa St | | Collector | 7 | No | Yes | | | |
| P217 | W 9th St | South | West of Iowa St | | Collector | 7 | No | Yes | | | |
| P226 | Michigan St | East | W 6th St | W 5th St | Collector | 7 | No | Yes | | | |
| P227 | Alabama St | West | W 23rd St | Jasu Dr | Collector | 7 | No | Yes | \$66,336 | | should be done with P227 (\$137k) |
| P229 | Barker Ave | East | E 14th St | E 19th St | Collector | 7 | No | Yes | | | |
| P231 | W 2nd St | North | McDonald Dr | Mount Hope Ct | Collector | 7 | No | Yes | | | |
| P237 | Vermont St crossing | | | | Collector | 7 | No | Yes | | | |
| P241 | Tennessee St Crossing | | north of 7th | | Collector | 7 | No | Yes | | | |
| P038 | N 3rd St | East | KTA Entrance Rd | | Arterial | 6 | No | Yes | | | |
| P016 | N Kasold Dr | East | Creekwood Dr | Peterson Rd | Arterial | 6 | No | No | | | |
| P024 | W 19th St | North | Maine St | Maine St | Arterial | 6 | No | Yes | | | |
| P012 | Massachusetts St | West | 21st St | 23rd St | Arterial | 6 | No | No | | | |
| P110 | Trail Rd | South | Folks Rd | Monterey Way | Collector | 6 | Yes | No | | | |
| P154 | Princeton Blvd | North | 350' east of Yorkshire | N Iowa | Collector | 6 | Yes | No | \$68,504 | Selected | 2018 SRTS |
| P127 | Bobwhite Dr | South | George Williams Way | Lake Alvamar Dr | Collector | 6 | Yes | No | | | |
| P128 | Harvard Rd | North | Kasold Dr | Lawrence Ave | Collector | 6 | Yes | No | \$48,987 | Selected | 2018 SRTS |
| P111 | Sharon Dr | West | Springhill Dr | Trail Rd | Street | 6 | Yes | No | | | |
| P114 | Brett Dr | North | Brentwood Dr | Stowe Ct | Street | 6 | Yes | No | | | |
| P117 | Rockfence Pl | East | Trail Rd | Riverview Rd | Street | 6 | Yes | No | | | |
| P101 | W 12th St | North/South | Oak Tree Dr | Wagon Wheel Rd | Street | 6 | Yes | No | | | |
| P116 | Rockfence Pl | West | Riverview Rd | Tomahawk Dr | Street | 6 | Yes | No | | | |
| P126 | Riverview Rd | North | Rockfence Pl | Rockfence Pl | Street | 6 | Yes | No | | | |
| P133 | E 17th St | South | Irving Dr | Lindenwood Ln | Street | 6 | Yes | Yes | | | |
| P033 | Kasold Dr | West | Trail Rd | Tomahawk Dr | Arterial | 5 | No | No | | | |
| P034 | Kasold Dr | East | Trail Rd | Tomahawk Dr | Arterial | 5 | No | No | | | |
| P157 | W 21st St | South | Owens Ln | Carolina St | Collector | 5 | No | Yes | | | |
| P178 | W 21st St | North | Tennessee St | Massachusetts St | Collector | 5 | No | No | | | |
| P187 | Rockledge Rd | North | East of Country Club Ter | | Collector | 5 | No | Yes | | | |
| P190 | Lawrence Ave | West | Harvard Rd | Bob Billings Pkwl | Collector | 5 | No | No | | | |
| P194 | Fambrough Dr, W | North, South | Mississippi St | Stratford | Collector | 5 | No | Yes | | | |
| P232 | Inverness Dr | West | Wimbledon Dr | 2012 Inverness Dr | Collector | 5 | No | No | | | |
| P152 | Rockledge Rd | South | East of Country Club Ter | | Collector | 5 | No | Yes | | | |

Pedestrian Projects - Prioritized per Non-motorized Project Prioritization Policy

| GIS ID# | Project | Side | From | To | Road Classification | Total Score | SRTS | CDBG | Estimate | Status | Notes |
|---------|-----------------------|------------|--------------------------|------------------------|---------------------|-------------|------|------|----------|--------|-------|
| P153 | Rockledge Rd | South | East of Country Club Ter | McDonald Dr | Collector | 5 | No | Yes | | | |
| P165 | E 25th Ter | South | East of Haskell Ave | | Collector | 5 | No | No | | | |
| P168 | Overland Dr | North | George Williams Way | Chimney Rocks Cir | Collector | 5 | No | No | | | |
| P169 | W 18th St | South | Wakarusa Dr | Corporate Centre Dr | Collector | 5 | No | No | | | |
| P170 | W 18th St | South | East of Research Park Dr | | Collector | 5 | No | No | | | |
| P173 | Lyon St | North | N 3rd St | N 5th St | Collector | 5 | No | Yes | | | |
| P177 | Locust St | North | N 8th St | N 9th St | Collector | 5 | No | Yes | | | |
| P191 | Branchwood Dr | West | Stoneridge Dr | Stonecreek Dr | Collector | 5 | No | No | | | |
| P196 | W 4th St | North | McDonald Dr | Northwood Ln | Collector | 5 | No | Yes | | | |
| P199 | Eisenhower Dr | West | Eisenhower Ter | Campbell Pl | Collector | 5 | No | No | | | |
| P200 | Dole Dr | West | Wakarusa Dr | Earhart Cir | Collector | 5 | No | No | | | |
| P201 | Dole Dr | West | North of Earhart Cir | | Collector | 5 | No | No | | | |
| P202 | E 11th St | South | Haskell Ave | 750 LF West of Haskell | Collector | 5 | No | Yes | | | |
| P205 | North St | North | N 3rd St | N 7th St | Collector | 5 | No | Yes | | | |
| P206 | North St | South | N 3rd St | N 7th St | Collector | 5 | No | Yes | | | |
| P207 | Lyon St | South | N 7th St | N 9th St | Collector | 5 | No | Yes | | | |
| P208 | Lyon St | North | 450 LF West of N 8th St | N 9th St | Collector | 5 | No | Yes | | | |
| P209 | N 9th St | East | Lyon St | Elm St | Collector | 5 | No | Yes | | | |
| P210 | N 9th St | West | Lyon St | Elm St | Collector | 5 | No | Yes | | | |
| P215 | W 25th St | South | Ousdahl Rd | Cedarwood Ave | Collector | 5 | No | Yes | | | |
| P219 | Princeton Blvd | South | Providence Rd | Iowa St | Collector | 5 | No | Yes | | | |
| P222 | E 11th St | South | E 11th St | East City Limits | Collector | 5 | No | Yes | | | |
| P223 | E 11th St | North | E 11th St | East City Limits | Collector | 5 | No | Yes | | | |
| P225 | Harper St | East | E 15th St | E 17th St | Collector | 5 | No | Yes | | | |
| P228 | W 25th St | North | Ousdahl Rd | Cedarwood Ave | Collector | 5 | No | Yes | | | |
| P230 | Barker Ave | East | W 19th St | E 23rd St | Collector | 5 | No | No | | | |
| P235 | Kasold Drive Crossing | | Riverview Rd | | Arterial | 4 | No | No | | | |
| P013 | Kasold Dr | East | Yale Rd | W 14th St | Arterial | 4 | No | No | | | |
| P017 | N Kasold Dr | East | Tomahawk Dr | Creekwood Dr | Arterial | 4 | No | No | | | |
| P022 | E 1000 Rd | East | Wakarusa Dr | City Limits | Arterial | 4 | No | No | | | |
| P023 | E 1000 Rd | West | Wakarusa Dr | City Limits | Arterial | 4 | No | No | | | |
| P036 | Wakarusa Dr | South | East of Queens Rd | | Arterial | 4 | No | No | | | |
| P042 | Wakarusa Dr | North | East of Queens Rd | | Arterial | 4 | No | No | | | |
| P046 | N Iowa St | West | Packer Rd | Lakeview Rd | Arterial | 4 | No | No | | | |
| P171 | Bobwhite Dr | South/East | Lake Alvamar Dr | Bob Billings Pkwl | Collector | 3 | No | No | | | |
| P220 | Queens Rd | West | W 6th St | North City Limits | Collector | 3 | No | No | | | |
| P221 | Queens Rd | East | W 6th St | North City Limits | Collector | 3 | No | No | | | |
| P233 | Inverness Dr | East | Carmel Dr | 2012 Inverness Dr | Collector | 3 | No | No | | | |



Pedestrian Project P238: Haskell Ave crossing from E 16th St to



| Pedestrian Prioritization Score | |
|---------------------------------|----------|
| Priority Network Score: | 3 |
| Pedestrian Access Score: | 5 |
| Roadway Volume Score: | 0 |
| Crossing Score: | 0 |
| Total Score: | 8 |

Engineer's estimate: \$
 Funding source:
 Sidewalk missing 1 side(s).
 Adjacent road class is Arterial.
 Safe Routes to School? No
 CDBG eligible? Yes

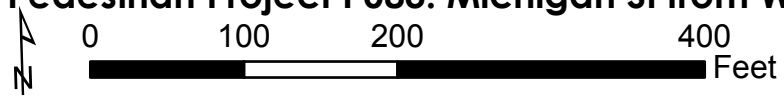


City of Lawrence

Date Printed: 3/27/2018



Pedestrian Project P083: Michigan St from W 3rd St to W 2nd St



| Pedestrian Prioritization Score | |
|---------------------------------|-----------|
| Priority Network Score: | 5 |
| Pedestrian Access Score: | 5 |
| Roadway Volume Score: | 0 |
| Crossing Score: | 0 |
| Total Score: | 10 |

Engineer's estimate: \$55289
 Funding source: Proposed 2017/2018 ped project
 Sidewalk missing 1 side(s).
 Adjacent road class is Collector.
 Safe Routes to School? Yes
 CDBG eligible? Yes





Pedestrian Project P088: W 27th St from Crestline Dr to 100 LF East of Chipperfield Rd (P



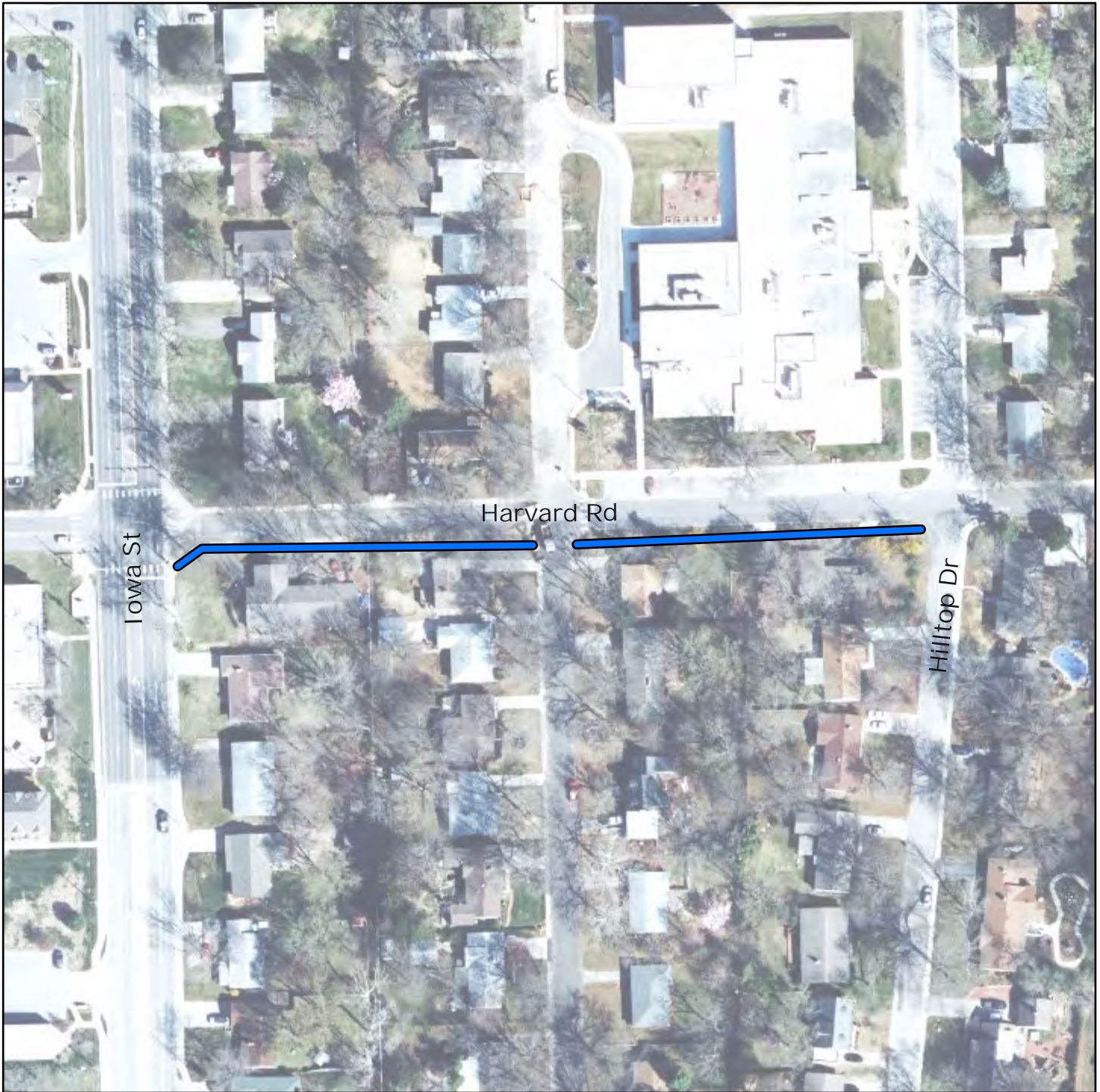
| Pedestrian Prioritization Score | |
|---------------------------------|-----------|
| Priority Network Score: | 5 |
| Pedestrian Access Score: | 5 |
| Roadway Volume Score: | 0 |
| Crossing Score: | 0 |
| Total Score: | 10 |

Engineer's estimate: \$36427
 Funding source: Proposed 2017/2018 ped project
 Sidewalk missing 1 side(s).
 Adjacent road class is Collector.
 Safe Routes to School? Yes
 CDBG eligible? No



City of Lawrence

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Pedestrian Project P141: Harvard from Iowa to Hilltop



Pedestrian Prioritization Score

Priority Network Score: 5
 Pedestrian Access Score: 5
 Roadway Volume Score: 0
 Crossing Score: 0
 Total Score: 10

Engineer's estimate: \$54418
 Funding source: Proposed 2017/2018 ped project
 Sidewalk missing 1 side(s).
 Adjacent road class is Collector.
 Safe Routes to School? Yes
 CDBG eligible? Yes

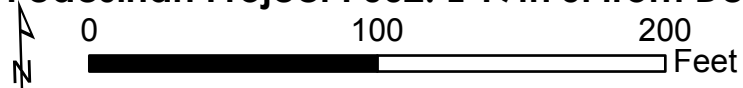


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Pedestrian Project P002: E 19th St from Delaware St to Burroughs Creek Trail



Pedestrian Prioritization Score

| | |
|--------------------------|----------|
| Priority Network Score: | 3 |
| Pedestrian Access Score: | 5 |
| Roadway Volume Score: | 0 |
| Crossing Score: | 0 |
| Total Score: | 8 |

Engineer's estimate: \$11963
 Funding source: Proposed 2018 CDBG
 Sidewalk missing 1 side(s).
 Adjacent road class is Arterial.
 Safe Routes to School? No
 CDBG eligible? Yes

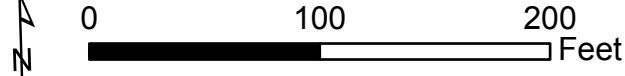


City of Lawrence

Date Printed: 3/27/2018



Pedestrian Project P003: E 19th St from Learnard Ave to Delaware St



| Pedestrian Prioritization Score | |
|---------------------------------|----------|
| Priority Network Score: | 3 |
| Pedestrian Access Score: | 5 |
| Roadway Volume Score: | 0 |
| Crossing Score: | 0 |
| Total Score: | 8 |

Engineer's estimate: \$16165
 Funding source: Proposed 2018 CDBG
 Sidewalk missing 1 side(s).
 Adjacent road class is Arterial.
 Safe Routes to School? No
 CDBG eligible? Yes

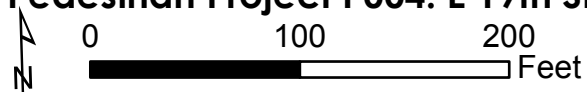


City of Lawrence

Date Printed: 3/27/2018



Pedestrian Project P004: E 19th St from Barker to Learnard



| Pedestrian Prioritization Score | |
|---------------------------------|----------|
| Priority Network Score: | 3 |
| Pedestrian Access Score: | 5 |
| Roadway Volume Score: | 0 |
| Crossing Score: | 0 |
| Total Score: | 8 |

Engineer's estimate: \$22689
 Funding source: Proposed 2018 CDBG
 Sidewalk missing 1 side(s).
 Adjacent road class is Arterial.
 Safe Routes to School? No
 CDBG eligible? Yes

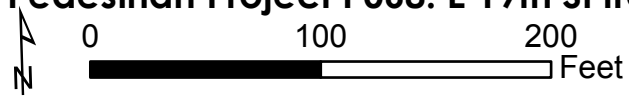


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Date Printed: 3/27/2018



Pedestrian Project P068: E 19th St from Burroughs Creek Trail to Moodie Rd



| Pedestrian Prioritization Score | |
|---------------------------------|-----------|
| Priority Network Score: | 5 |
| Pedestrian Access Score: | 5 |
| Roadway Volume Score: | 0 |
| Crossing Score: | 0 |
| Total Score: | 10 |

Engineer's estimate: \$19639
 Funding source: Proposed 2018 CDBG
 Sidewalk missing 1 side(s).
 Adjacent road class is Arterial.
 Safe Routes to School? Yes
 CDBG eligible? Yes

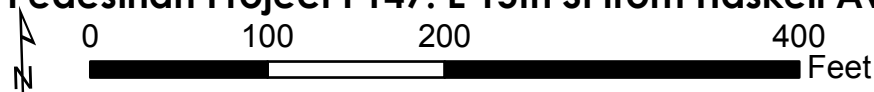


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Pedestrian Project P147: E 15th St from Haskell Ave to Maple Ln



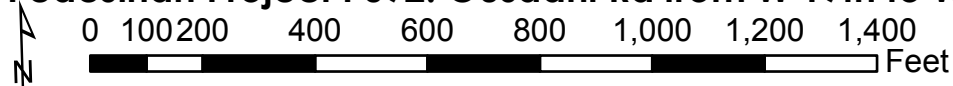
| Pedestrian Prioritization Score | |
|---------------------------------|-----------|
| Priority Network Score: | 5 |
| Pedestrian Access Score: | 5 |
| Roadway Volume Score: | 0 |
| Crossing Score: | 0 |
| Total Score: | 10 |

Engineer's estimate: \$41712
 Funding source: Proposed 2018 CDBG
 Sidewalk missing 1 side(s).
 Adjacent road class is Arterial.
 Safe Routes to School? Yes
 CDBG eligible? Yes





Pedestrian Project P092: Ousdahl Rd from W 19th to W 22nd Ter



| Pedestrian Prioritization Score | |
|---------------------------------|-----------|
| Priority Network Score: | 5 |
| Pedestrian Access Score: | 5 |
| Roadway Volume Score: | 0 |
| Crossing Score: | 0 |
| Total Score: | 10 |

Engineer's estimate: \$132556
 Funding source: Proposed 2018 CDBG
 Sidewalk missing 1 side(s).
 Adjacent road class is Collector.
 Safe Routes to School? Yes
 CDBG eligible? Yes



City of Lawrence

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