

**TEXAS MEDICAL CENTER MOBILITY STUDY**  
**Bicycle, Pedestrian, and Shared-Use Infrastructure Projects (DRAFT)**

#	Project	Project Type	Campus/Area	Project Detail	Cost Est.	Prty	Goals/Benefits
1	<b>S Mac Gregor Way</b> Along bayou, west of Cambridge	Shared-use path gap closure	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 462 linear feet</li> <li>• 10 ft. width</li> </ul>	\$71,818	1	<ul style="list-style-type: none"> <li>• Connects trail from west to Cambridge &amp; MacGregor intersection, Cambridge bike route</li> </ul>
2	<b>Brays Bayou</b> North side, west of Cambridge	Shared-use path gap closure	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 100 linear feet</li> <li>• 10 ft. width</li> </ul>	\$15,965	1	<ul style="list-style-type: none"> <li>• Connects ramp from Cambridge underpass to upper trail to west</li> <li>• Closes critical gap in trail</li> <li>• Eliminates dirt/mud riding</li> </ul>
3	<b>S Mac Gregor Way</b> Along bayou, east of Cambridge	Shared-use path gap closure	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 475 linear feet</li> <li>• 10 ft. width</li> </ul>	\$73,486	1	<ul style="list-style-type: none"> <li>• Connects trail from east to Cambridge &amp; MacGregor intersection, Cambridge bike route</li> </ul>
4	<b>Brays Bayou</b> North side, east of Cambridge	Shared-use path gap closure	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 90 linear feet</li> <li>• 10 ft. width</li> </ul>	\$14,681	1	<ul style="list-style-type: none"> <li>• Connects ramp from Cambridge underpass to upper trail to east</li> <li>• Eliminates dirt/mud riding</li> </ul>
5	<b>Brays Bayou</b> North side, under Alameda	Shared-use path gap closure	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 334 linear feet</li> <li>• 10 ft. width</li> </ul>	\$52,259	1	<ul style="list-style-type: none"> <li>• Closes critical gap in trail</li> <li>• Eliminates dirt/mud riding</li> </ul>
6	<b>Cambridge</b> East side, N MacGregor to Hermann Park Jogging Trail	Sidewalk gap closure	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 260 linear feet</li> <li>• 8 ft. width</li> <li>• 2 curb ramps</li> </ul>	\$19,073	1	<ul style="list-style-type: none"> <li>• Closes critical gap in pedestrian network</li> <li>• Creates accessible route between Cambridge/bayou and TMC</li> </ul>
7	<b>N MacGregor</b> North side, Alameda to Hermann Park Jogging Trail	Sidewalk gap closure	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 510 linear feet</li> <li>• 8 ft. width</li> <li>• 4 curb ramps</li> </ul>	\$37,536	1	<ul style="list-style-type: none"> <li>• Closes critical gap in pedestrian network</li> <li>• Creates accessible route between Alameda and Hermann Park</li> </ul>
8	<b>Alameda</b> East side, Holly Hall to 7205 Alameda	New and replacement sidewalk	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 3,155 ft. new sidewalk</li> <li>• Approx. 315 ft. replaced sidewalk</li> <li>• 6 ft width, 10 curb ramps</li> </ul>	\$176,474	1	<ul style="list-style-type: none"> <li>• Adds sidewalk where missing along thoroughfare and transit route</li> </ul>
9	<b>Bertner</b> East side, OST to 7007 Bertner	New sidewalk	Mid Campus	<ul style="list-style-type: none"> <li>• Approx. 1,212 ft. new sidewalk</li> <li>• 6 ft. width</li> <li>• 2 curb ramps</li> </ul>	\$58,538	1	<ul style="list-style-type: none"> <li>• Adds sidewalk where missing along major collector and important campus link</li> </ul>
10	<b>Fannin</b> West side, Sunset to Cambridge	New shared-use path	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 1,985 ft. new sidewalk</li> <li>• 10 ft. width</li> <li>• 1 curb ramp</li> </ul>	\$154,602	1	<ul style="list-style-type: none"> <li>• Provides paved, off-street connection between Sunset bike route to TMC Main Campus</li> <li>• Replaces cinder path included in current Hermann Park plan</li> </ul>
11	<b>Greenbriar</b> East side, Rice to Bolsover	New sidewalk	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 305 ft. new sidewalk</li> <li>• 6 ft. width</li> <li>• 2 curb ramps</li> </ul>	\$17,236	1	<ul style="list-style-type: none"> <li>• Adds sidewalk where missing along major thoroughfare</li> </ul>
12	<b>Alameda</b> West side, Holcombe to Holly Hall	Replace sidewalk with shared-use path	Mid Campus, Primary Study Area	<ul style="list-style-type: none"> <li>• 10 ft. width</li> </ul>	\$652,756	2	<ul style="list-style-type: none"> <li>• Replaces sidewalk in fair to poor condition</li> <li>• Connects existing Alameda and Holly Hall shared-use paths</li> <li>• Provides bicycle access where roadway is not suitable</li> </ul>
13	<b>Holcombe</b> North side, Alameda to Grand	Sidewalk replacement	Mid Campus	<ul style="list-style-type: none"> <li>• Approx. 1,295 ft. sidewalk replaced</li> <li>• 6 ft. width, 2 curb ramps replaced</li> </ul>	\$50,405	2	<ul style="list-style-type: none"> <li>• Replaces sidewalk in poor condition</li> <li>• May require relocation of streetlights at additional cost</li> </ul>
14	<b>Holcombe</b> South side, Ringness to Alameda	Sidewalk spot replacement	Mid Campus	<ul style="list-style-type: none"> <li>• Approx. 15 ft. sidewalk replaced</li> <li>• 4 ft. existing width</li> </ul>	\$3,871	2	<ul style="list-style-type: none"> <li>• Replaces sidewalk segment in poor condition</li> <li>• Restores accessibility in proximity to transit stops</li> </ul>
15	<b>Holcombe</b> North side, near Main and Fannin	Sidewalk spot replacement	Main Campus	<ul style="list-style-type: none"> <li>• Two 50-ft. sections replaced</li> <li>• 6 ft. existing width</li> </ul>	\$5,453	2	<ul style="list-style-type: none"> <li>• Low section prone to pooling water just west of Fannin</li> <li>• Uneven section with excessive cross slope just west of</li> </ul>
16	<b>Greenbriar</b> Both sides, Main to S Braeswood	Sidewalk spot replacement	Primary Study Area	<ul style="list-style-type: none"> <li>• One missing section (north side)</li> <li>• Two uneven sections (south side)</li> <li>• 100 linear ft., 4 ft. existing width</li> </ul>	\$4,898	2	<ul style="list-style-type: none"> <li>• Restores accessibility along major thoroughfare</li> </ul>

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17	<b>S Braeswood</b> North side, Fannin to Phoenix	Sidewalk replacement	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 505 linear ft. replaced</li> <li>• 6 ft. width</li> </ul>	\$26,037	2	<ul style="list-style-type: none"> <li>• Replaces sidewalk in poor condition</li> <li>• Brings sidewalk up to transit corridor standard</li> </ul>
18	<b>S Braeswood</b> South side, Fannin to Phoenix	Sidewalk gap closure	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 110 linear ft. added</li> <li>• 4 ft. existing width</li> </ul>	\$6,648	2	<ul style="list-style-type: none"> <li>• Closes gaps in sidewalk along transit corridor</li> </ul>
19	<b>S Braeswood</b> South side, Fannin to Bertner	Sidewalk replacement	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 825 linear ft. replaced</li> <li>• 6 ft. width</li> <li>• 2 curb ramps replaced</li> </ul>	\$45,861	2	<ul style="list-style-type: none"> <li>• Replaces sidewalk in poor condition along major thoroughfare</li> </ul>
20	<b>Cambridge</b> West side, El Paseo to Holly Hall	Sidewalk replacement	South Campus	<ul style="list-style-type: none"> <li>• Approx. 1,300 linear ft. replaced</li> <li>• 6 ft. width</li> <li>• 2 curb ramps replaced</li> </ul>	\$68,805	2	<ul style="list-style-type: none"> <li>• Replaces sidewalk in poor condition along major collector</li> </ul>
21	<b>Fannin</b> East side, Greenbriar to Knight	Sidewalk replacement	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 1,200 linear ft. replaced</li> <li>• 6 ft. width</li> <li>• 2 curb ramps replaced</li> </ul>	\$64,422	2	<ul style="list-style-type: none"> <li>• Replaces sidewalk in poor condition along major thoroughfare</li> </ul>
22	<b>University</b> South side, Travis to Lanier	Sidewalk replacement	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 650 linear ft. replaced</li> <li>• 6 ft. width</li> <li>• 2 curb ramps replaced</li> </ul>	\$36,580	2	<ul style="list-style-type: none"> <li>• Replaces sidewalk in poor condition along major collector</li> </ul>
23	<b>Rice</b> North side between Cherokee & Ashby	Sidewalk spot replacement	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 165 linear ft. replaced</li> <li>• 4 ft. existing width</li> <li>• 1 curb ramp replaced</li> </ul>	\$7,661	2	<ul style="list-style-type: none"> <li>• Replaces sidewalk in poor condition along major collector</li> <li>• Tree root encroachment may require alternative treatment to concrete</li> </ul>
24	<b>Brays Bayou</b> North side between Fannin & Bertner	Shared-use path connection	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 920 linear ft.</li> <li>• 10 ft. width</li> </ul>	\$139,992	2	<ul style="list-style-type: none"> <li>• Allows connections from lower trail to east side of Fannin, west side of Bertner</li> </ul>
25	<b>Brays Bayou</b> North side between Holcombe & Cambridge	Shared-use path connection	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 700 ft. added</li> <li>• 10 ft. width</li> <li>• Includes bike/ped bridge</li> </ul>	\$400,000	2	<ul style="list-style-type: none"> <li>• Allows continuous travel on the lower trail through the TMC</li> </ul>
26	<b>Brays Bayou</b> South side, under Alameda	Shared-use path connection	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 700 linear feet</li> <li>• 10 ft. width</li> </ul>	\$105,495	2	<ul style="list-style-type: none"> <li>• Connects dead-ends of existing trail</li> <li>• Avoids crossing two busy streets along south side trail</li> </ul>
27	<b>Fannin</b> East side, bayou to TMC TC stair tower	Shared-use path connection	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 640 linear feet</li> <li>• Add 4 ft. for 10 ft. total width</li> </ul>	\$19,490	3	<ul style="list-style-type: none"> <li>• Connects Brays Bayou trail to TMC Transit Center</li> </ul>
28	<b>N Braeswood</b> North side, bayou to Main	Shared-use path connection	General Study Area	<ul style="list-style-type: none"> <li>• Approx. 250 linear feet</li> <li>• 10 ft. width</li> </ul>	\$22,062	3	<ul style="list-style-type: none"> <li>• Allows connection from Morningside bike route to bayou trails with only one street crossing</li> </ul>
29	<b>Bates</b> MD Anderson to MacGregor & Moursund	Shared-use path connection	Main Campus	<ul style="list-style-type: none"> <li>• Approx. 630 linear feet</li> <li>• Replace sidewalk with 10 ft. path</li> </ul>	\$108,784	3	<ul style="list-style-type: none"> <li>• Connection between parking garages allows traffic-separated connection from Bayou trails to Bates</li> </ul>
30	<b>Wyndale</b> Both sides, Staffordshire to Cambridge	Sidewalk replacement/addition	Mid Campus	<ul style="list-style-type: none"> <li>• Approx. 1300 linear feet, 6 ft. width</li> <li>• Street under construction; subject to change</li> </ul>	\$68,805	3	<ul style="list-style-type: none"> <li>• Provides access from residential area to major thoroughfare with bus stops</li> </ul>
31	<b>Swanson</b> Both sides, Fannin to Bertner	Sidewalk addition	Mid Campus	<ul style="list-style-type: none"> <li>• Approx. 1300 linear feet, 6 ft. width</li> </ul>	\$58,538	3	<ul style="list-style-type: none"> <li>• Provides access from developed area to major thoroughfare with bus stops</li> </ul>
32	<b>Hepburn</b> Both sides, Cambridge to Alameda	Sidewalk replacement/addition	Primary Study Area	<ul style="list-style-type: none"> <li>• Approx. 1050 linear feet, 6 ft. width</li> </ul>	\$46,508	3	<ul style="list-style-type: none"> <li>• Provides access from residential area to major thoroughfare with bus stops</li> </ul>
33	<b>Braeswood</b> East side, Wyndale to Pressler	Shared-use path and bridge	Main Campus Mid Campus	<ul style="list-style-type: none"> <li>• Approx. 450 ft. incl. 300 ft bridge</li> <li>• 10 ft. width</li> </ul>	\$700,000	3	<ul style="list-style-type: none"> <li>• Provides alternative to inadequate sidewalks on Braeswood bridge along major bike/ped route</li> </ul>

**TEXAS MEDICAL CENTER MOBILITY STUDY**  
**Intersection Accessibility Improvement Projects (DRAFT)**

#	Project	Project Type	Campus/Area	Project Detail	Cost Est.	Priority	Goals/Benefits
1	<b>Holcombe at Fannin</b> South side	Curb ramp addition	Main Campus	<ul style="list-style-type: none"> <li>add 2 missing curb ramps between travel lanes of Fannin</li> <li>Design challenges due to location on bridge structure</li> </ul>	\$6,000	1	<ul style="list-style-type: none"> <li>Makes south side of Holcombe an accessible route</li> </ul>
2	<b>Fannin at Old Main</b> West side	Curb ramp addition	Main Campus	<ul style="list-style-type: none"> <li>add 2 missing curb ramps</li> </ul>	\$3,000	1	<ul style="list-style-type: none"> <li>Makes west side of Fannin an accessible route</li> </ul>
3	<b>Holcombe at Main</b> South side	Curb ramp addition	Main Campus	<ul style="list-style-type: none"> <li>add 2 missing curb ramps between travel lanes of Main</li> <li>Design challenges due to location on bridge structure</li> </ul>	\$6,000	1	<ul style="list-style-type: none"> <li>Makes south side of Holcombe an accessible route</li> </ul>
4	<b>Cambridge at MacGregor</b> Northwest corner	Curb ramp addition	Primary Study Area	<ul style="list-style-type: none"> <li>add 2 missing curb ramps across right turn lane</li> </ul>	\$3,000	1	<ul style="list-style-type: none"> <li>Makes west side of Cambridge an accessible route</li> <li>Northeast corner included in Infrastructure project 6</li> </ul>
5	<b>Dryden at Travis</b> West side	Curb ramp addition, stripe crosswalks	Primary Study Area	<ul style="list-style-type: none"> <li>add curb ramps to 2 corners where missing</li> </ul>	\$3,000	1	<ul style="list-style-type: none"> <li>Makes Dryden an accessible route</li> <li>Two blocks from rail station, one block from bus stops</li> </ul>
6	<b>Dryden at Lanier</b> Four corners	Curb ramp addition, stripe crosswalks	Primary Study Area	<ul style="list-style-type: none"> <li>add curb ramps to 4 corners where missing</li> </ul>	\$6,000	1	<ul style="list-style-type: none"> <li>Makes Dryden an accessible route</li> <li>Three blocks from rail station, two blocks from bus stops</li> </ul>
7	<b>Greenbriar at Sunset</b> Four corners	Curb ramp modifications	Primary Study Area	<ul style="list-style-type: none"> <li>modify curb ramps for safety</li> </ul>	\$6,000	1	<ul style="list-style-type: none"> <li>Fixes ramps that could force users into traffic</li> </ul>
8	<b>Holcombe at Ringness</b> West Side	New curb ramps, crosswalk	Primary Study Area	<ul style="list-style-type: none"> <li>add 4 curb ramps to allow crossing of west side of intersection</li> <li>stripe crosswalk</li> <li>redesign of intersection, potentially in the form of a roundabout</li> </ul>	\$3,000	1	<ul style="list-style-type: none"> <li>Allows use of wide median as safe refuse so mobility-impaired users may cross in two phases</li> </ul>
9	<b>Fannin at Knight</b>	Additional study required	South Campus	<ul style="list-style-type: none"> <li>redesign of intersection, potentially in the form of a roundabout</li> </ul>	TBD	1	<ul style="list-style-type: none"> <li>Seven tenths of a mile between safe crossing locations of Fannin</li> </ul>
10	<b>Fannin at Greenbriar</b>	Additional study required	Primary Study Area	<ul style="list-style-type: none"> <li>redesign of intersection, potentially in the form of a roundabout</li> </ul>	TBD	1	<ul style="list-style-type: none"> <li>Seven tenths of a mile between safe crossing locations of Fannin</li> <li>Located along Transit Corridor</li> </ul>

**TEXAS MEDICAL CENTER MOBILITY STUDY**  
**On-Street Bike Facilities (DRAFT)**

#	Project	Project Type	Campus/Area	Project Detail	Cost Est.	Priority	Goals/Benefits
1	<b>East-Bertner-Moursund</b> Cambridge to MacGregor	Shared lane	Mid Campus Main Campus	<ul style="list-style-type: none"> <li>• 1.8 mile route</li> <li>• Signs and pavement markings</li> </ul>	\$34,150	1	• Provides direct bike connection from residential areas and Mid Campus to Main Campus
2	<b>Knight-West-Bertner</b> Holly Hall to East	Shared lane	Mid Campus Primary Study Area	<ul style="list-style-type: none"> <li>• 0.8 mile route</li> <li>• Signs and pavement markings</li> </ul>	\$12,857	1	• Connects UT housing, residential areas to Bertner route to Main Campus
3	<b>Kent-Alumni-path-Freeman-Bertner</b> Sunset to Moursund	Signed bike route	Primary Study Area Rice University Campus Main Campus	<ul style="list-style-type: none"> <li>• 1.1 mile route</li> <li>• Signs</li> </ul>	\$5,046	1	• Connects Sunset bike route, Rice to Main Campus
4	<b>McClendon-Travis</b> Morningside to Dryden	Signed bike route	Primary Study Area	<ul style="list-style-type: none"> <li>• 0.8 mile route</li> <li>• Signs and traffic control modifications</li> </ul>	\$3,924	1	• Connects Morningside bike lanes to Main Campus
5	<b>Stockton</b> University to McClendon	Signed bike route	Primary Study Area Rice University Campus	<ul style="list-style-type: none"> <li>• 0.4 mile route</li> <li>• Signs</li> </ul>	\$1,682	2	• Connects Rice Campus to proposed McClendon bike route
6	<b>N Stadium - S Braeswood</b> Reliant Park to bayou	Signed bike route	Primary Study Area	<ul style="list-style-type: none"> <li>• 0.9 mile route</li> <li>• Signs and intersection modifications</li> </ul>	\$3,364	2	• Connects bayou trails to Reliant Park

**TEXAS MEDICAL CENTER MOBILITY STUDY**  
**Skywalks (DRAFT)**

#	Project	Project Type	Campus/Area	Project Detail	Cost Estimate*	Priority	Goals/Benefits
1	<b>Braeswood Garage</b> To MD Anderson skybridge	New skybridge	Main Campus	<ul style="list-style-type: none"> <li>• Connect garage to MA Anderson skybridge network at Rotary House</li> <li>• Approx. 520 linear ft.</li> <li>• May be open air or climate controlled (additional cost)</li> </ul>	\$3,000,000	1	<ul style="list-style-type: none"> <li>• Discourages mid-block crossings of Braeswood.</li> </ul>
2	<b>TMC Transit Center</b> To MD Anderson skybridge	New skybridge	Main Campus	<ul style="list-style-type: none"> <li>• Connect transit center to MA Anderson skybridge network at Duncan Building</li> <li>• Approx. 300 linear ft.</li> <li>• Covered, open air</li> </ul>	\$2,000,000	1	<ul style="list-style-type: none"> <li>• Connects transit center into heart of TMC via existing climate-controlled walkways</li> </ul>

\* Order of magnitude only. Additional study required.

**TEXAS MEDICAL CENTER MOBILITY STUDY**  
**Prioitization Criteria**

Shared-Use Paths

- 1 Closes critcal gap in network
- 2 Enables improved routes and connections
- 3 Upgrades connections that are already possible but not ideal

Sidewalks

- 1 Completes sidewalks along all thoroughfares and collectors
- 2 Upgrades sidewalks along to thoroughfares and collectors to be easily passable (especially by handicapped)
- 3 Connects existing sidewalks , previously recommended

Intersection Accessibility

- 1 Makes pedestrian facilities along all thoroughfares, collectors, and Type A streets accessible

Signs and Striping Bike Projects

- 1 Improves access to heart of Main Campus
- 2 Improves access to other parts of Primary Study Area

Skywalks

- 1 Connects high-pedestrian traffic facility to heart of TMC