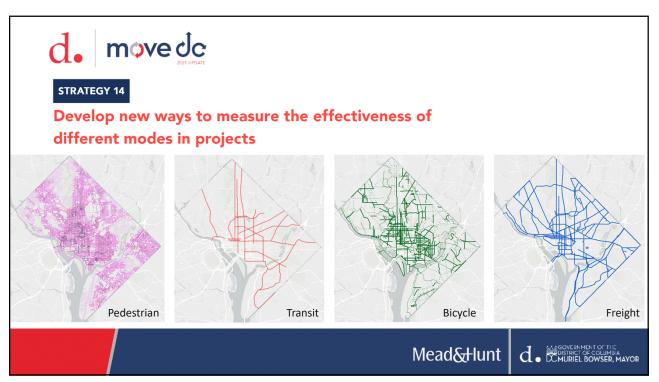




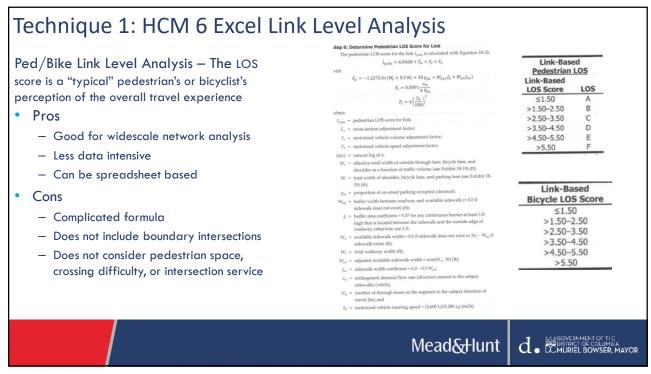
## **Project Needs Solution** • Lack of Sophisticated ₫**₹**0 Models/Metrics for **<u>all</u>** modes #NCMOVES • No nationally accepted standard or practice exists move de tation Plan • Can't improve what you can't Connecting Texas 2050 measure Statewide Long-Range a + 8 & A D 8 🚔 d Mead&Hunt 3



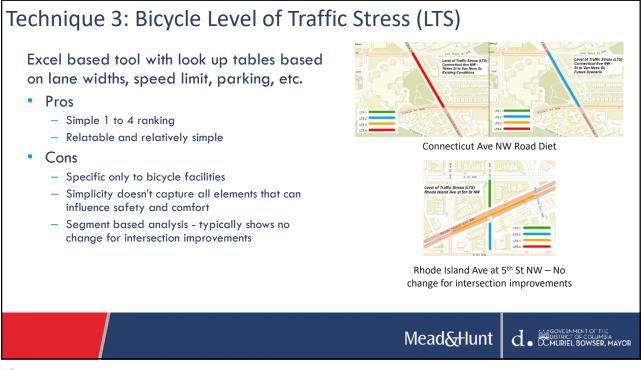




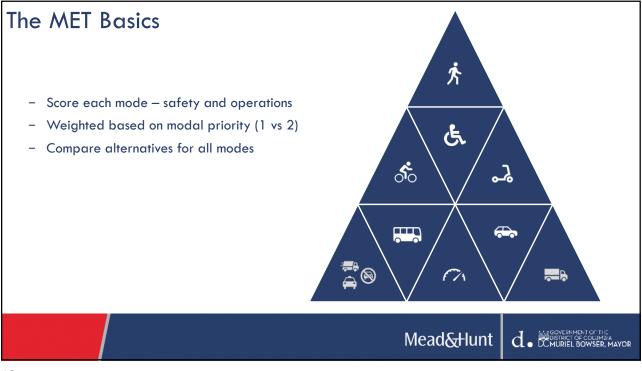


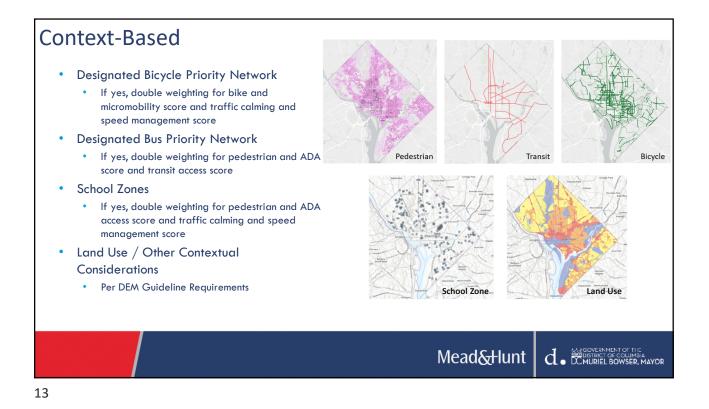


Technique 2: HCS7	Pedestrian Mode - Streets				Pedestrian Mo	de - Signals		
		EB	w	/B		0	EB WB	NB SE
	Two-Way Ped Volume, ped/h	0	0		Permitted Left	-Turn Flow, veh/	h 0 0	0 0
Description LOC second subtability and	Ped Waiting Delay, sec/ped	0.0	0.0		Mid-Seg 85th	% Speed, mi/h	0 0	0 0
Provides LOS score, which is an	Pedestrian Free-Flow Speed, ft/s Downstream Intersection Width, ft	4.4	4.4		Number Right-	Turn Islands	0 0	0 0
indication of the typical pedestrian's	Sidewalk Presence	0 EB	0		Walkway Widt		9.0 9.0	9.0 9.0
perception of the overall segment	Inside Object Effective Width, ft	0.0	0.0		Crosswalk Wie		12 12	12 12
	Outside Object Effective Width, ft	0.0	0.0		Crosswalk Ler		0 0	0 0
travel experience.	Buffer Width, ft	0.0	0.0		Corner Radius		25 25	25 25
	Nearest Signal Distance, ft	0	0		Outgoing Ped		0 0	0 0
Pros	Sidewalk Length Adjacent to Window, Prop		0.00		Incoming Ped		0 0	0 0
<ul> <li>Provides results for intersections,</li> </ul>	Sidewalk Length Adjacent to Building, Prop Sidewalk Length Adjacent to Fence, Prop		0.00		Rest-In-Walk f	d Volume, ped/h Enabled	<u>v</u>	0 0
	Hide Results	0.00	0.00		Pedestrian Sig		EB WB	
segments, and facilities	The results				Crosswalk Clo			
<ul> <li>Scores by direction</li> </ul>					Hide Results			
<ul> <li>Requires detailed volume and movement inputs</li> <li>All data from Synchro must also be manually entered</li> <li>Limitations to integrate supplemental features that may improve access and safety</li> </ul>	Segment- Based Pedestrian ∠OS Score ≤2.00 >2.00-2.75 >2.75-3.50 >3.50-4.25 >4.25-5.00 >5.00	>60 A B C D			Based LO           trian Spa           >15-           24           D           D           D           D           E           F		2 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	
)		l	Mead	d&Hu	unt	d.		it of the columbia <b>WSER, MA</b>



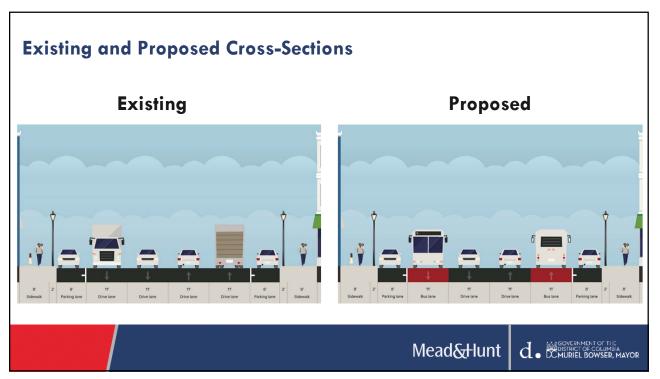
## Technique 4: Healthy Streets Score Originated in UK, an internationally-adopted multimodal scoring tool with Excel-based scoring. Not widely used in the US. Pros • - Relatable and relatively simple - High level of analysis - Easy to use with descriptive guidance and reference links - Includes placemaking, comfort, and environmental sustainability metrics Cons - Less detail - Doesn't capture all safety and mobility factors - Qualitative and can be subjective - Most relevant to urban contexts, does not capture suburban or rural contexts d. Contraction of the district of columbia Mead&Hunt





The MET (in Excel) 六 Intersection Assessment Corridor Assessment Pedestrian & ADA 50 Bicycle & Micromobility Transit 671 Traffic Calming & Speed Management Vehicle Operations & Capacity " " Kaialian Pangaand 5 20 20 20 30 30 20 Colation - Transed Freight \* **\*\***8 Curbside Management \* Estation Proposed \*Freight and curbside management measured separately Mead&Hunt

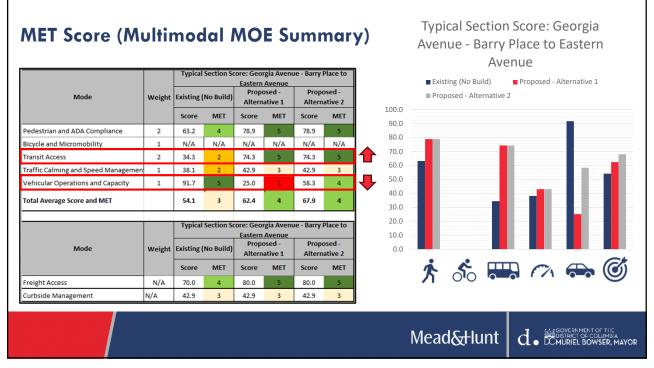


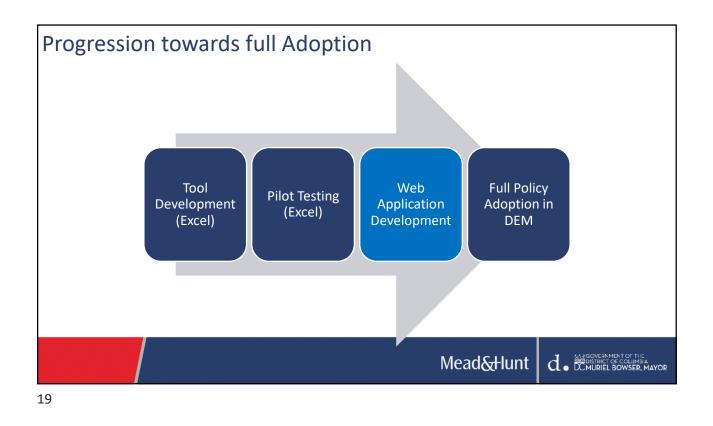


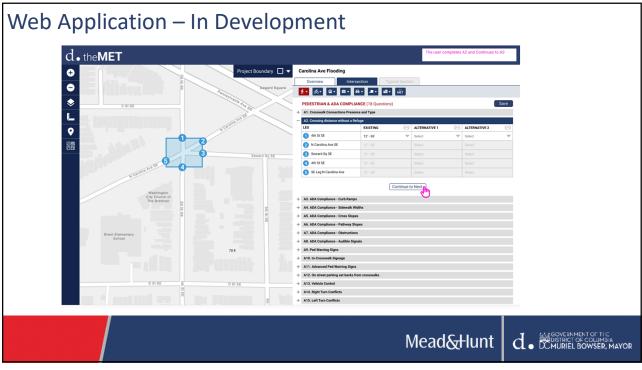
<b>Traditional MO</b>	Ε
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- Vehicular LOS, delay, and queue
- Focusing on vehicular operational impact

Intersection	AM Peak Hour No Build		Build		Build with Mitigations (No Diversion)	
	Delay (sec/veh)	LOS	Delay (sec/veh)	LOS	Delay (sec/veh)	LOS
Georgia Avenue NW at Madison Street NW	10	Α	73.4	E	73.4	E
Georgia Avenue NW at Longfellow Road NW	4.1	Α	15.5	В	15.5	В
Georgia Avenue NW at Kennedy Street NW	20.7	С	155.4	F	155.4	F
Georgia Avenue NW at Ingraham Street NW	11.1	В	204.2	F	204.2	F
Georgia Avenue NW at Hamilton Street NW	0.1	Α	0.3	А	0.3	Α
Georgia Avenue NW at Gallatin Street NW	23	С	555.8	F	555.8	F
Georgia Avenue NW at Arkansas Avenue NW	8.1	Α	42.7	D	42.7	D
Georgia Avenue NW at Farragut Street NW	5.2	Α	6.2	Α	6.2	Α
Georgia Avenue NW at Emerson Street NW	1.8	Α	6	Α	6	Α
Georgia Avenue NW at Decatur Street NW	10.5	В	138.3	F	138.3	F
Georgia Avenue NW at Buchanan Street NW	12.9	В	189.9	F	189.9	F
Georgia Avenue NW at Allison Street NW	7.1	Α	123	F	123	F
Georgia Avenue NW at Webster Street NW	7.3	Α	19.5	В	19.5	В
Georgia Avenue NW at Iowa Avenue NW	3.9	Α	7.5	Α	7.5	Α
Georgia Avenue NW at Kansas Avenue NW	20.7	С	170	F	170	F
Georgia Avenue NW at Upshur Street NW	10.6	В	169.6	F	171.2	F
Georgia Avenue NW at Taylor Street NW	9.6	Α	337.5	F	146.3	F
Georgia Avenue NW at Shepherd Street NW	16.7	В	362.3	F	355.6	F
Georgia Avenue NW at Randolph Street NW	12.1	В	330.8	F	147.6	F
Georgia Avenue NW at Quincy Street NW	13.8	В	311.4	F	166.5	F
Georgia Avenue NW at New Hampshire Avenue NW	23.9	С	107.8	F	105.9	F
Georgia Avenue NW at Princeton Place NW	14	В	172	F	69.3	E
Georgia Avenue NW at Otis Place NW	2.8	Α	155.7	F	157.1	F
Georgia Avenue NW at Park Road NW	20.5	С	337.1	F	137.3	F
			Mea			







## The MET – DDOT's Custom Multimodal Scoring Tool

## • Pros

- All modes at the "table"
- Custom to DDOT Standards and Guidance Manuals
- Built to be updated "in-house" as we learn
- Easy to understand 1 to 5 score scale
- Weighted based on modal priorities
- Incentivized to reach higher surpass minimum
- Comparative
- Both Segments and Intersections
- Cons
  - Time consuming
  - Some factors unknown at time of scoring
  - Not about "perfect" score of 100 best for relative change



Mead&Hunt d. Compared to the A

