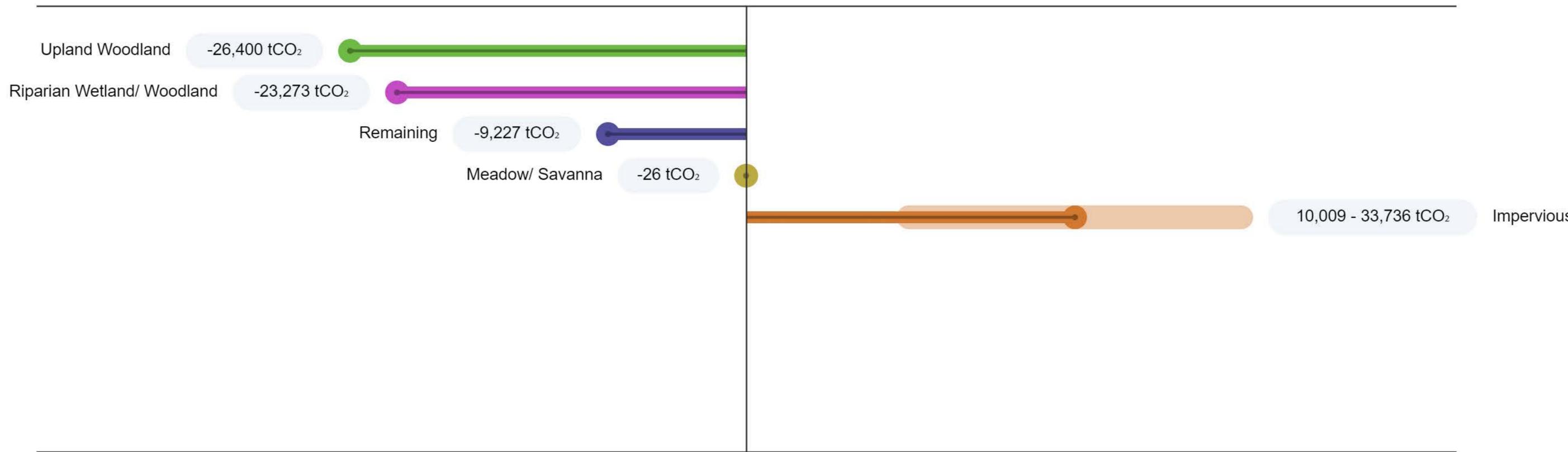




Stored & Sequestered Carbon

Emitted Carbon



5,297 tCO₂ seq. + 53,629 tCO₂ stored = 58,926 tCO₂

-37,053 tCO₂ net

10,009 - 33,736 tCO₂ emitted

Equivalent ac of:

Preservation

Reforestation/Ecosystem Restoration

Tropical Rainforest

-410.22 ac

-195.94 ac

Prairie Grassland

-637.61 ac

-278.13 ac

Temperate Wetland and Salt Marsh

-189.1 ac

-132.37 ac

Temperate Continental Forest

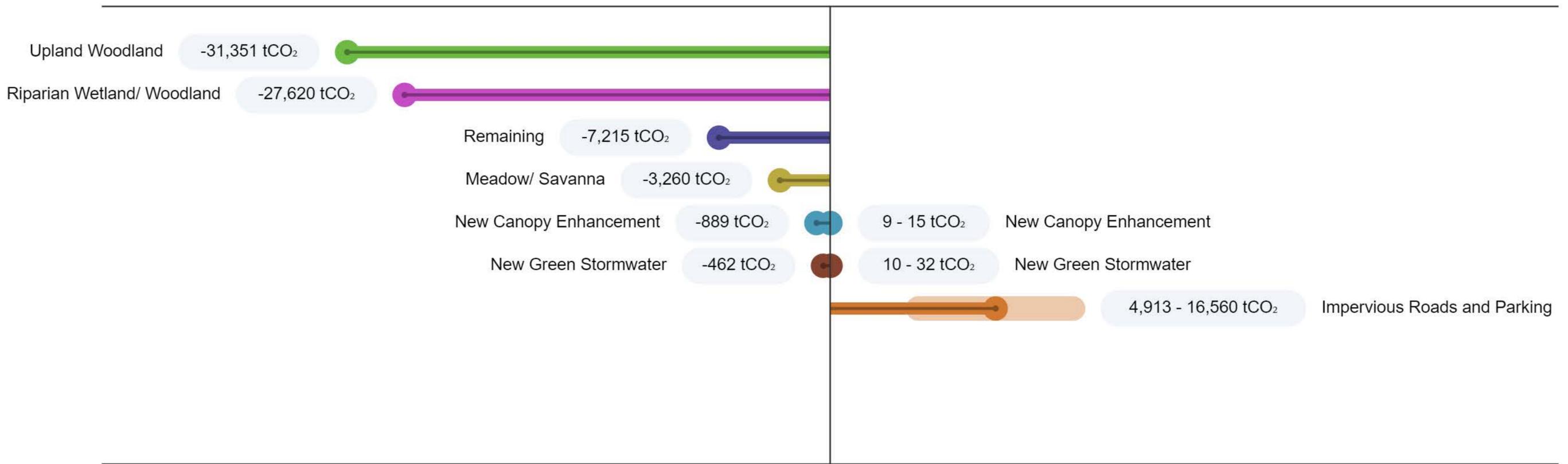
-323.99 ac

-198.53 ac



Stored & Sequestered Carbon

Emitted Carbon



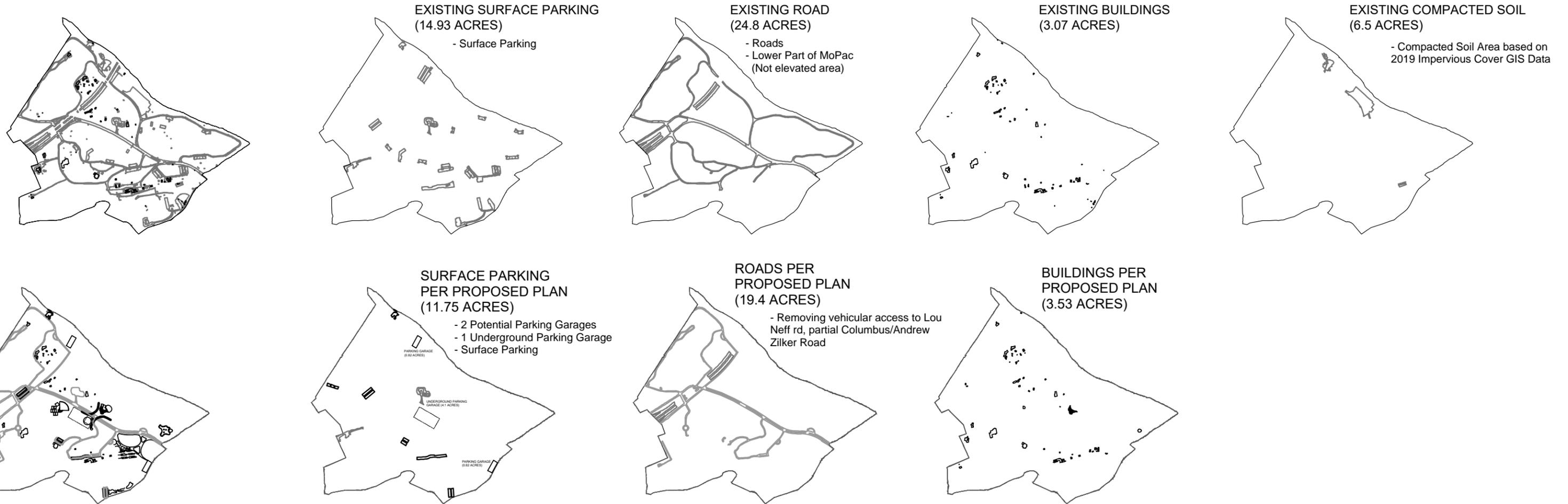
7,128 tCO₂ seq. + 63,669 tCO₂ stored = 70,797 tCO₂

-60,027 tCO₂ net

4,932 - 16,607 tCO₂ emitted

Equivalent ac of:	Preservation	Reforestation/Ecosystem Restoration
Tropical Rainforest	-664.56 ac	-317.42 ac
Prairie Grassland	-1032.94 ac	-450.58 ac
Temperate Wetland and Salt Marsh	-306.34 ac	-214.44 ac
Temperate Continental Forest	-524.88 ac	-321.62 ac

Zilker Park Vision Plan Impervious Cover Calculation (4/14/23)



§ 30-5-63 - IMPERVIOUS COVER CALCULATIONS.

(B) Impervious cover calculations include: (1) roads; (2) driveways; (3) parking areas; (4) buildings; (5) concrete; (6) impermeable construction covering the natural land surface; (7) for an uncovered wood deck that has drainage spaces between the deck boards and that is located over a pervious surface, 50 percent of the horizontal area of the deck; and (8) the portion of a site used for the storage of scrap and metal salvage, including auto salvage. (C) Impervious cover calculations exclude: (1) sidewalks in a public right-of-way or public easement; (2) multi-use trails open to the public and located on public land or in a public easement; (3) water quality controls, excluding subsurface water quality controls; (4) detention basins, excluding subsurface detention basins; (5) drainage swales and conveyances; (6) the water surface area of ground level pools, fountains, and ponds; (7) areas with gravel placed over pervious surfaces that are used only for landscaping or by pedestrians and are not constructed with compacted base; (8) porous pavement designed in accordance with the Environmental Criteria Manual, limited to only pedestrian walkways and multi-use trails, and located outside the Edwards Aquifer Recharge Zone; (9) fire lanes designed as prescribed by the Environmental Criteria Manual, that consist of interlocking pavers, and are restricted from routine vehicle access; and

	Roads	Surface Parking	Buildings	Compacted Soil	Parking Garages	Underground Parking Garage	TOTAL
Existing	24.8	14.93	3.07	6.5	0	0	49.3
Final	19.4	6.01	3.53	0	1.64	4.1	34.7