

SPRAWL REPAIR

SMARTCODE MODULE

PREPARED BY DUANY PLATER-ZYBERK & CO.

“The polycentric reorganization of towns, i.e., the transformation of underdeveloped suburbs into autonomous urban quarters and villages, will be the impetus for a process of territorial transformation, internal growth, and the flowering of the suburbs”.

Léon Krier,
The Architecture of Community

SMARTCODE ANNOTATED

Municipality

SPRAWL REPAIR

As a comprehensive ordinance, the SmartCode enables both new and infill urbanism in the form of Smart Growth neighborhood patterns. The code now identifies a **G-5 Sprawl Repair Sector**, which is assigned to areas that are currently single-use, disconnected conventional development patterns but that have the potential to be completed or redeveloped in the pattern of CLD, Infill TND or Infill RCD. This Module has been created as a special “plug-in” to the SmartCode, which, when added to the base code, activates the tools and techniques for repair in areas designated G-5 on a Sector Plan, or the equivalent. These methods differ from those used to protect and complete areas assigned to the G-4 Sector, which already take the form of pre-war walkable transect-based traditional neighborhoods.

Instead, Sprawl Repair is a planning technique that restructures and connects the autocentric patterns of suburbia into complete communities based upon a neighborhood unit that is currently missing. It is a method of re-urbanization, intensification and diversification that transforms single-use, auto-oriented, suburban agglomerations into balanced, mixed-use, walkable places, accommodating a diversity of income levels, building types, modes of transportation, and civic spaces.

The **G-5 Sprawl Repair Sector** consists of individual or aggregate areas of the following Sprawl Types:

- Rural Subdivisions
- Single-family Subdivisions
- Multi-family Subdivisions
- Shopping Centers and Strips
- Business Parks and Suburban Campuses
- Malls
- Edge Cities
- Sprawl Type Thoroughfares
- Sprawl Type Open Space

Some of these areas will be up-zoned to accommodate higher but well-designed density, and justify the introduction of mixed use and transit. This creates the regulatory basis for successional growth and the transformation of sprawl types into viable neighborhoods with more transportation and housing choices. The most important issue will be to allow a flexibility of use within existing structures (houses becoming live-work units, big box retail becoming office space or a civic building, etc.), as well as densification within existing parcels and lots (such as a mansion turned into multifamily units or an assisted living facility, or the addition of accessory units). Another important task is to calm and retrofit dangerous thoroughfares so they are safe for walking and bicycling, while creating connections among residential areas, shops, workplaces, schools and other civic buildings, and recreation.

All structural urban and zoning changes will be reflected in specific Regulating Plans.

These annotations are advisory only. The SmartCode itself appears only on the right side of each spread.

TABLE SR1: SECTOR/COMMUNITY ALLOCATION

Table SR1 should replace Table 2 in any calibration of the model SmartCode that guides the assigning of Sectors. This table defines the geography, including both natural and infrastructure elements, determining areas that are or are not suitable for development. Specific Community Units/Walkable Place Types (WPTs) of various intensities are allowable in specific Sectors. This table also allocates the proportions of Transect Zones within each Community Unit/WPT.

The Community Units/WPTs for the G-4 Infill Growth Sector do not have allocation percentages because existing conditions are the main determinant for the mapped T-zones.

The same is true of the G-5 Sprawl Repair Sector, as existing conditions will determine the T-zone allocations and thoroughfare connections necessary to transform Sprawl Types into Community Units/WPTs.

See also “Outline of the Code” in the Introduction of the *SmartCode Version 9 and Manual* or SmartCode booklet, and Article 2 of the base code. If current versions do not yet include the G-5 Sector, it can be added during calibration and would permit the Community Units/Walkable Place Types shown on Table SR1 and Table SR3 of this Module.

TABLE SR1: Sector/Community Allocation. Table SR1 defines the geography, including both natural and infrastructure elements, determining areas that are or are not suitable for development. Specific Community Units/Walkable Place Types (WPTs) of various intensities are allowable in specific Sectors. This table also allocates the proportions of Transect Zones within each Community Unit/WPT.

RURAL SUBDIVISIONS SINGLE FAMILY SUBDIVISIONS MULTIFAMILY SUBDIVISIONS SHOPPING CENTERS AND STRIPS BUSINESS PARKS AND SUBURBAN CAMPUSES MALLS EDGE CITIES SPRAWL TYPE THOROUGHFARES SPRAWL TYPE OPEN SPACE												
ALREADY DEVELOPED AREAS IN A TRADITIONAL TRANSECT-BASED PATTERN												
PROXIMITY TO MAJOR THOROUGHFARES AND TRANSIT												
PROXIMITY TO THOROUGHFARES												
MEDIUM SLOPES WOODLANDS												
FLOOD PLAIN OPEN SPACE TO BE ACQUIRED CORRIDORS TO BE ACQUIRED BUFFERS TO BE ACQUIRED LEGACY WOODLAND LEGACY FARMLAND LEGACY VIEWSHEDS CLD RESIDUAL OPEN SPACE												
SURFACE WATERBODIES PROTECTED WETLANDS PROTECTED HABITAT RIPARIAN CORRIDORS PURCHASED OPEN SPACE CONSERV. EASEMENTS LAND TRUST TRANSPORT. CORRIDORS CLD OPEN SPACE												
(PRIMARILY OPEN SPACE)			(PRIMARILY NEW COMMUNITIES)			(SUCCESSIONAL COMMUNITIES)			(SPRAWL TO BE REPAIRED)			
01 PRESERVED OPEN SECTOR		02 RESERVED OPEN SECTOR	G1 RESTRICTED GROWTH SECTOR		G2 CONTROLLED GROWTH SECTOR	G3 INTENDED GROWTH SECTOR		G4 INFILL GROWTH SECTOR		G5 SPRAWL REPAIR SECTOR		
			CLD		CLD	TND	TND	RCD	TND	RCD	CLD	
T1	NO MINIMUM		NO MINIMUM		50% MIN		50% MIN		NO MIN		NO MIN	
T2	NO MINIMUM		NO MINIMUM				NO MIN				VARIABLE	
T3					10 - 30%		10 - 30%		10 - 30%		VARIABLE	
T4					20 - 40%		20 - 40%		30 - 60%		VARIABLE	
T5							10 - 30%		10 - 30%		VARIABLE	
T6									40 - 80%		VARIABLE	

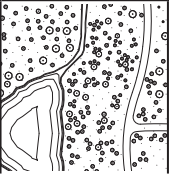
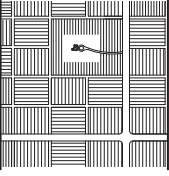
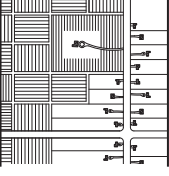
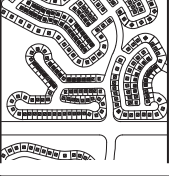



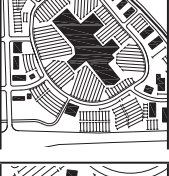

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**TABLE SR2: SPRAWL TYPES -
CONVENTIONAL SUBURBAN DEVELOPMENT (CSD)**

This table provides descriptions of the character of each Sprawl Type in a manner similar to the descriptions of the T-zones in the SmartCode. The essential difference is that each urban T-zone represents a range of building types in a complex habitat, while each Sprawl Type is a single-use agglomeration, usually a monoculture of a single building type.

The T-1 Natural and T-2 Rural Zone are the same as in the SmartCode Transect, but the T-2 Rural is dubbed S-2 Rural within the G-5 Sector, as in some cases these lands are held speculatively near the encroaching edge of conventional suburban development (CSD).

TABLE SR2: Sprawl Types. This table provides descriptions of the character of each Sprawl Type.

T-1 NATURAL		T-1 Natural Zone consists of lands approximating or reverting to a wilderness condition, including lands unsuitable for settlement due to topography, hydrology or vegetation.	General Character: Building Placement: Frontage Types: Typical Building Height: Type of Civic Space: Type of Thoroughfare:	Natural landscape with some agricultural use Not applicable Not applicable Not applicable Parks, Greenways Roads, Highways, Parkways, Paths
T-2 / S-2 RURAL		T-2/S-2 Rural Zone consists of sparsely settled lands in open or cultivated states. These include woodland, agricultural land, grassland, and irrigable desert. These lands are often held speculatively near the encroaching edge of Conventional Suburban Development.	General Character: Building Placement: Frontage Types: Typical Building Height: Type of Civic Space: Type of Thoroughfare:	Primarily agricultural, but may include woodlands, wetlands, other natural features and scattered buildings (farms, barns, sheds, silos) Not applicable Not applicable 1-to-2-story Parks, Greenways Roads, Highways, Arterials
S-3 RURAL SUBDIVISIONS		S-3 Rural Subdivisions consist of single-family detached houses located on 1/2 acre lots or larger. Setbacks are relatively deep and the infrastructure is sporadic. Automobile access is crucial.	General Character: Building Placement: Frontage Types: Typical Building Height: Type of Civic Space: Type of Thoroughfare:	Naturalistic planting, large lawns, rural roads, limited pedestrian activity, no city services, rural sprawl Large and variable front and side yards Yards, fences, naturalistic tree plantings 1-to-2-story Parks, Greenways Local and Collector Streets
S-4 SINGLE FAMILY SUBDIVISIONS		S-4 Single Family Subdivisions consist predominantly of single-family detached housing pods on small, medium or large lots, segregated by market segment. Medium front Setbacks yield front lawns and relatively large backyard.	General Character: Building Placement: Frontage Types: Typical Building Height: Type of Civic Space: Type of Thoroughfare:	Dendritic street network, cul-de-sac and collector roads, Snouthouses and Dingbats, occasional pedestrian activity, lack of block structure Variable front and side Setbacks Yards, fences, lawns and landscaping 1-to-2-story, some 3-story Leftover open space, usually in backyards Local and Collector Streets
S-5 MULTI FAMILY SUBDIVISIONS		S-5 Multifamily Subdivisions consist of attached and detached multi-family housing. Townhouses without towns, or auto-dependent apartment or condo clusters.	General Character: Building Placement: Frontage Types: Typical Building Height: Type of Civic Space: Type of Thoroughfare:	Dendritic street network, pedestrian unfriendly, underutilized parking lots, limited connectivity, "train wreck" character Scattered or clustered, parking dominates Parking lot, disconnected greens 1-story Parking lot Local and Collector Streets
S-6 SHOPPING CENTERS & STRIPS		S-6 Shopping Centers consist of large retail stores, offering wide choices of goods and services. Includes strip retail, big box retail and fast-food and/or gas station outparcels.	General Character: Building Placement: Frontage Types: Typical Building Height: Type of Civic Space: Type of Thoroughfare:	Traffic congestion, pedestrian unfriendly, underutilized parking lots, limited connectivity Aligned or scattered, deeply set back behind parking Parking lot 1- to 3-story Parking lot Collector and Arterial Streets
S-7 BUSINESS PARKS & SUB. CAMPUSES		S-7 Business Parks and Suburban Campuses consist of clusters of buildings dedicated exclusively to commercial uses from Class A offices to warehouses. Isolated institutional campuses such as colleges and hospitals may also fall into this category.	General Character: Building Placement: Frontage Types: Typical Building Height: Type of Civic Space: Type of Thoroughfare:	Homogenous, auto-dependent, limited connectivity, lack of relationship between building and street Scattered Lawn 1-to-multistory Parking lot, Green, atrium Collector and Arterial Streets, private drives
S-8 MALLS		S-8 Malls consist of large structures, enclosed or open air, dedicated to large concentrations of retail.	General Character: Building Placement: Frontage Types: Typical Building Height: Type of Civic Space: Type of Thoroughfare:	Large structures surrounded by parking, near Arterials & interchanges Random Parking lot 1-to-3-story Parking lot, atrium Collector and Arterial Streets, beltways
S-9 EDGE CITIES		S-9 Edge Cities consist of agglomerations of segregated high intensity commercial, residential, and lodging uses that are statistical but not functional equivalents of the urban core of a city.	General Character: Building Placement: Frontage Types: Typical Building Height: Type of Civic Space: Type of Thoroughfare:	Close to Arterials and highway interchanges, pedestrian unfriendly, limited connectivity, high density/intensity, high rise development Random, free standing Parking lot 1-to-multistorey Parking lot, open plaza Collector and Arterial Streets, private drives, beltways

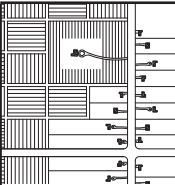
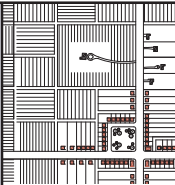
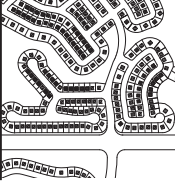







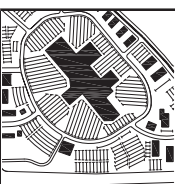


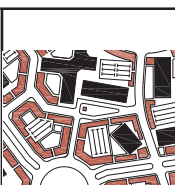
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**TABLE SR3: SPRAWL TYPES REPAIRED TO
COMMUNITY UNITS / WALKABLE PLACE TYPES**

The Sprawl Types cannot be repaired in isolation as separate elements, but always in the context of Community Units/Walkable Place Types (WPTs). Single-use and typologically monocultural areas need to be balanced by other required types and uses in order to form the full range of T-zones appropriate to Community Units/WPTs.

The translations on this table are not necessarily one-to-one correspondences. They indicate the Transect Zones that either help complete the Sprawl Type or would (along with the Sprawl Type) comprise the Community Units/WPTs listed at right, depending on scale. For the form of Community Units, see Article 2, Article 3 and Article 4. For the form of Transect Zone elements, see Article 5.

TABLE SR3: Sprawl Types Repaired. This table provides descriptions of the necessary tools to repair the Sprawl Types into Community Units/Walkable Place Types.

SPRAWL TYPES	T1	T2	T3	T4	T5	T6	TECHNIQUES	INCENTIVES/ BENEFITS	COMMUNITY UNITS
S-3 RURAL SUBDIVISIONS 		50% min.	10 - 30 %	20 - 40 %			<ul style="list-style-type: none"> Cluster at intersections through TDR, modified PDRs, purchase of Conservation Easement Concentrate infrastructure Create a rural Green Introduce Live-Works, farmers market 	<ul style="list-style-type: none"> Deferred taxation; higher Density; permitting By Right Packaged Sewer Service within 1/4 square mile Hamlet growing into a village 	 CLD
S-4 SINGLE FAMILY SUBDIVISIONS 		No Minimum	10 - 30 %	30 - 60 %	10 - 30 %		<ul style="list-style-type: none"> Introduce new building types and Retail/Office/Lodging/Civic uses Connect Thoroughfares Repair Thoroughfares; add pedestrian and bike Paths Define and make usable Open and Civic Space 	<ul style="list-style-type: none"> Higher Density; additions; Out-buildings; permitting By Right Infrastructure incentives Transit potential Neighborhood/Town Square 	 TND
S-5 MULTI FAMILY SUBDIVISIONS 		No Minimum	10 - 30 %	30 - 60 %	10 - 30 %		<ul style="list-style-type: none"> Introduce new building types and Retail/Office/Lodging/Civic uses Connect Thoroughfares Rationalize parking; add garages Repair Thoroughfares; add pedestrian and bike Paths Define and make usable Open and Civic Space 	<ul style="list-style-type: none"> Additional development potential; permitting By Right Incentives for infrastructure Incentives for garages Transit potential Community gathering places 	 TND
S-6 SHOPPING CENTERS & STRIPS 				10 - 30 %	10 - 30 %	40 - 80 %	<ul style="list-style-type: none"> Introduce new building types and Residential/Office/Lodging/Civic uses Connect Thoroughfares; add Streets in front of stores Rationalize parking; Add garages Define and make usable Open and Civic Space 	<ul style="list-style-type: none"> Additional development potential; permitting By Right; TIFs, CDBG Incentives for infrastructure Incentives for garages Transit potential Community gathering places 	 RCD / TND
S-7 BUSINESS PARKS & SUB. CAMPUSES 				10 - 30 %	10 - 30 %	40 - 80 %	<ul style="list-style-type: none"> Introduce new building types and Residential/Office/Lodging/Civic uses Connect Thoroughfares; create urban Blocks Rationalize parking; add garages Define and make usable Open and Civic Space 	<ul style="list-style-type: none"> Additional development potential; permitting By Right; TIFs, CDBG Incentives for infrastructure Incentives for garages Transit potential Community gathering places 	 RCD / TND
S-8 MALLS 				10 - 30 %	10 - 30 %	40 - 80 %	<ul style="list-style-type: none"> Introduce new building types and Residential/Office/Lodging/Civic uses Connect Thoroughfares; create urban Blocks Rationalize parking; add garages Define and make usable Open and Civic Space 	<ul style="list-style-type: none"> Additional development potential; permitting by Right; TIFs, CDBG Incentives for infrastructure Incentives for garages Transit potential Community gathering places 	 RCD
S-9 EDGE CITIES 				10 - 30 %	10 - 30 %	40 - 80 %	<ul style="list-style-type: none"> Introduce new building types and Residential/Office/Lodging/Civic uses Connect Thoroughfares; create urban Blocks Rationalize parking; add garages Repair Thoroughfares; resolve complicated interchanges and intersections into urban types Define and make useable Open and Civic Space 	<ul style="list-style-type: none"> Additional development potential; permitting By Right; TIFs, CDBG Incentives for infrastructure Incentives for garages Opening additional real estate for development. Transit potential Community gathering places 	 RCD

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TABLE SR4: SPRAWL THOROUGHFARE TYPES REPAIRED TO COMPLETE STREETS

The repair of thoroughfares is a necessary step in the overall retrofit strategy. The post-war suburban system of thoroughfares is simplistic and dendritic, covering a very limited and over-engineered palette of types. These include: the Highway, the Arterial, the Collector, the Local and the Cul-de-sac.

Table SR4 shows typical techniques for retrofitting basic suburban thoroughfare types designed only for fast and efficient movement of cars and maximum capacity, into Complete Streets of multi-modal use, achieving public spaces of specific character.

The shown vehicular lane and parking assemblies are illustrative only. Existing suburban thoroughfares need to be repaired and calibrated locally according to the principles of context sensitive design. (See the ITE/CNU Manual.)

In addition, their public frontages should be assembled along the Transect continuum and according to the needs of local communities. The limited range of suburban types will be expanded to a full assortment of Complete Streets, from very rural types to very urban ones. For Vehicular Lane Dimensions and Target Speeds, see Table 3A & Table 3B. For Public Frontages and Thoroughfare Assemblies, see Table 4 A, Table 4B and Module Tables 4C. For recommendations with regard to bicycle accommodations, see the Bicycle SmartCode Module.

TABLE SR4: Thoroughfare Types Repaired. This table provides descriptions of the necessary tools to repair the Sprawl Thoroughfare Types into Complete Streets.

SPRAWL TYPES		TECHNIQUES	COMPLETE STREETS	
FREEWAY		<ul style="list-style-type: none"> Reduce number of lanes Reduce Curb Radii Reduce lane width Introduce Access Lanes Introduce parallel parking Introduce transit - light rail or Bus Rapid Transit Introduce separated bikeways Assemble Public Frontages according to T-zones 	T2 T3 	T4 T5
			PARKWAY	BOULEVARD
ARTERIAL		<ul style="list-style-type: none"> Reduce Curb Radii Reduce lane widths Introduce Access Lanes Introduce parallel parking Introduce medians Introduce transit Introduce separated bikeways Assemble Public Frontages according to T-zones 	T4 T5 T6 	T5 T6
			BOULEVARD	AVENUE
COLLECTOR		<ul style="list-style-type: none"> Reduce number of lanes Reduce Curb Radii Reduce lane width Introduce parallel or diagonal parking Introduce medians Assemble Public Frontages according to T-zones 	T4 T5 	T5 T6
			AVENUE	COMMERCIAL STREET
LOCAL		<ul style="list-style-type: none"> Reduce Curb Radii Reduce lane widths Introduce parallel parking Eliminate turning lane Assemble Public Frontages according to T-zones 	T3 T4 	T5
			ROAD / STREET	STREET
CUL-DE-SAC		<ul style="list-style-type: none"> Introduce a green Civic Space Introduce pedestrian and bicycle Paths Introduce new Thoroughfare connections where possible Assemble Public Frontages according to T-zones 	T3 	T3 T4
			CLOSE	ROAD / STREET

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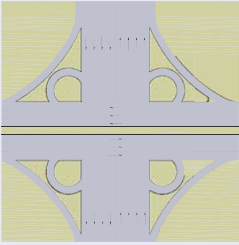
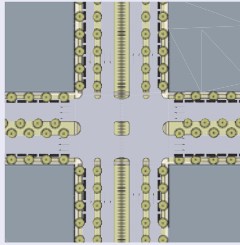
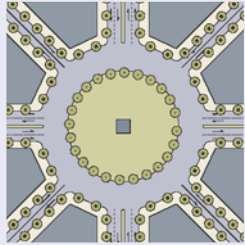
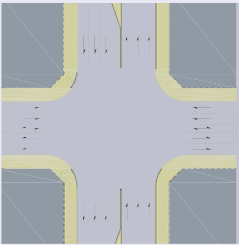
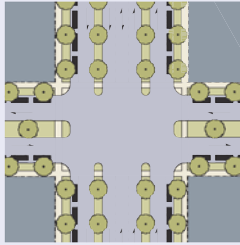
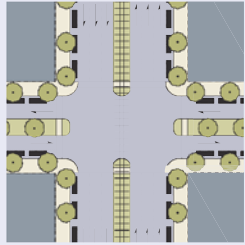
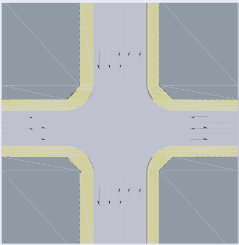
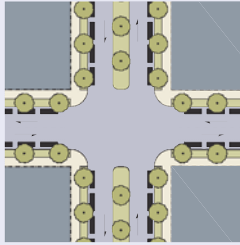
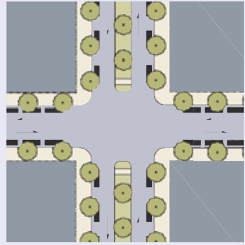
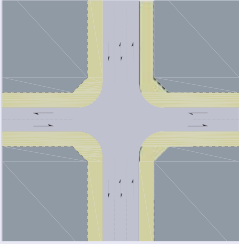
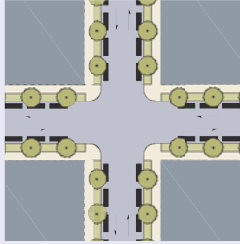
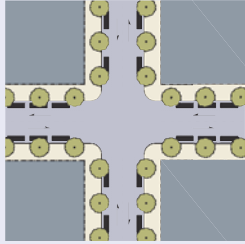
TABLE SR5: SPRAWL INTERSECTION TYPES REPAIRED TO COMPLETE INTERSECTIONS

The repair of suburban intersections will be effective when combined with the simultaneous repair of the corresponding thoroughfares. The goal is to liberate substantial areas of real estate, which currently are misallocated to the single function of handling fast-moving vehicular traffic. In a varied urban environment, intersections can become important landmark opportunities as well as traffic calming devices. Without stopping the flow of traffic, a variety of devices can be used to slow it down, which will be beneficial to pedestrians and bicyclists and even to drivers and their passengers, as car accidents will be reduced. Such devices include traffic circles, roundabouts, change of paving, tightened geometries, and so forth.

Table SR5 shows typical techniques for retrofitting basic suburban intersection types, designed only for fast and efficient movement of cars and maximum capacity, into Complete Intersections of multi-modal use, achieving public spaces of specific character.

The shown vehicular lane and parking assemblies are illustrative only. Existing suburban intersections should be repaired and calibrated locally according to the principles of context sensitive design. In addition, the public front-ages should be assembled along the Transect continuum and according to the needs of local communities. The limited range of suburban types will be expanded to the full assortment of Complete Intersections, from very rural types to very urban ones.

TABLE SR5: Sprawl Intersection Types. This table provides descriptions of the necessary tools to repair the Sprawl Intersection Types into Complete Intersections.

SPRAWL TYPES		TECHNIQUES	COMPLETE INTERSECTIONS	
FREEWAY		<ul style="list-style-type: none"> Replace Cloverleaf with a Parkway Roundabout or Urban Intersection Reduce Curb Radii Reduce lane widths Assemble Public Frontages according to T-zones 	T4 T5 	T5 T6 
			BOULEVARD	PARKWAY ROUNDABOUT
ARTERIAL		<ul style="list-style-type: none"> Replace conventional suburban intersection with Urban Intersection Reduce lane widths Introduce Access Lanes Introduce medians Introduce parallel parking Introduce transit Assemble Public Frontages according to T-zones 	T4 T5 	T5 T6 
			BOULEVARD / AVENUE	BOULEVARD WITH TRANSIT
COLLECTOR		<ul style="list-style-type: none"> Reduce number of lanes Reduce Curb Radii Introduce a median Introduce parallel parking Assemble Public Frontages according to T-zones 	T4 T5 	T5 T6 
			AVENUE / COMMERCIAL STREET	AVENUE / COMMERCIAL STREET
LOCAL		<ul style="list-style-type: none"> Reduce Curb Radii Reduce lane widths Introduce parallel parking Assemble Public Frontages according to T-zones 	T3 T4 	T4 T5 
			ROAD / STREET	STREET

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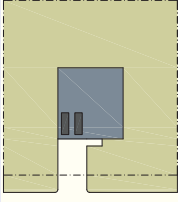
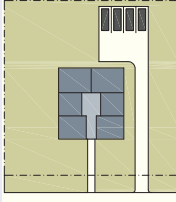
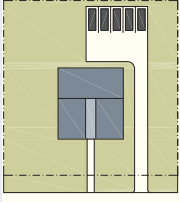
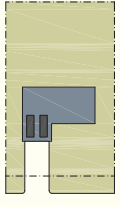
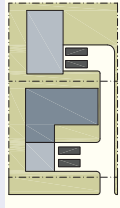
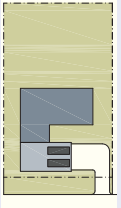
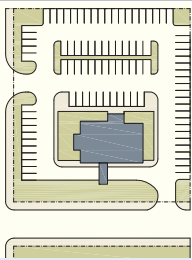
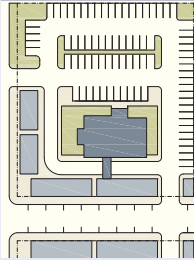
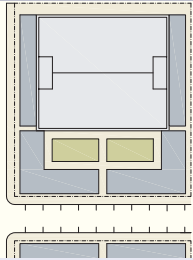
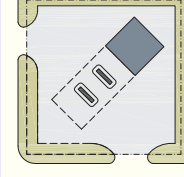
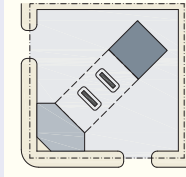
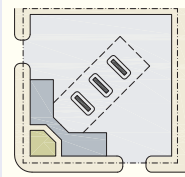
TABLE SR6: SPRAWL BUILDING TYPES REPAIRED INTO NEIGHBORHOOD BUILDING TYPES

The repair of Sprawl Building Types shows techniques for transforming smaller single-use areas and even single structures to prepare them to become part of a future urban fabric within the Transect context. Some building types lend themselves to repair and retrofit, while others are very difficult to modify or not worth the expense; those may require either masking with liners or selective demolition.

Repair strategies shown in Table SR6 include: the transformation of the ubiquitous McMansions into senior housing, student housing, or apartments; small scale infill for individual homeowners using their oversized front and back yards for expansions, family-run businesses or rental outbuildings; drive-through building retrofit; gas station reversal; liner buildings of parking lots and structures; conversion of parking garages into lofts or office buildings; big box redevelopment into recycling centers; infill of a religious institution's parking lot with senior housing, and others.

To allow some of the retrofitted types in the T-3 Zone, calibrators must change Table 10 General Function and Table 12 Specific Use, and possibly Table 9 Building Disposition. Alternatively, the area may be zoned T-4, but setbacks, lot widths, frontage buildout, etc. may have to be adjusted on Table 14 and Table 15B. A sub-zone should also be considered.

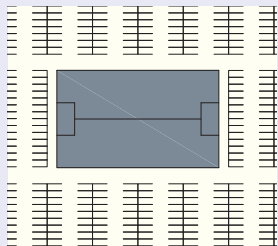
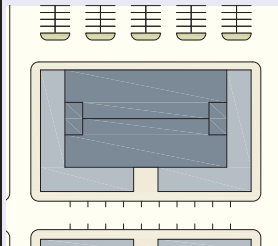
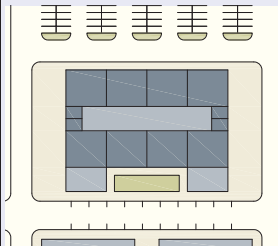
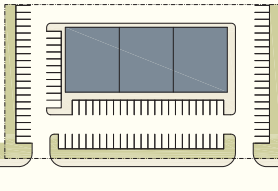
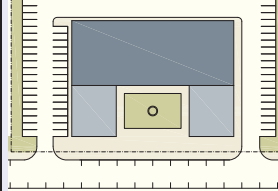
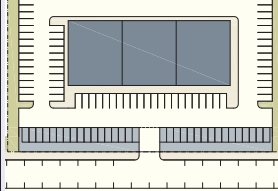
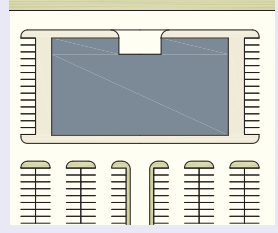
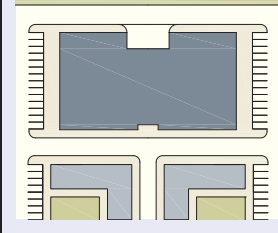
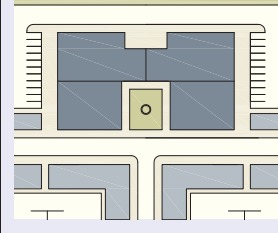
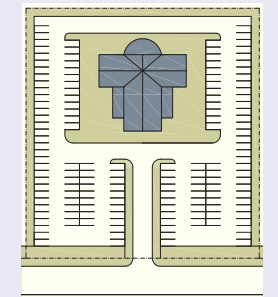
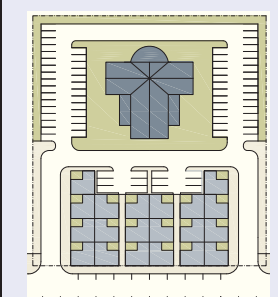
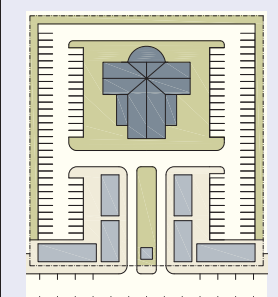
TABLE SR6: Sprawl Building Types Repaired. This table provides descriptions of the necessary tools to repair the Sprawl Building Types into Neighborhood Building Types.

SPRAWL BUILDING TYPES		TECHNIQUES	REPAIRED BUILDING TYPES	
McMANSION		<ul style="list-style-type: none"> Subdivide mansion into multiple bedrooms Design a common living/ dining/ entertainment area Subdivide mansion into three or more flats Organize parking behind the building 	T3 T4	T3 T4
			SENIOR / STUDENT HOUSING 	APARTMENTS 
FRONT-LOADED HOUSE		<ul style="list-style-type: none"> Subdivide the Lot into a duplex Add to the house in the front Setback, creating Live-Work, garage, family room, bedroom, etc. 	T3 T4	T3 T4
			DUPLEX 	LIVE-WORK 
DRIVE-THRU		<ul style="list-style-type: none"> Add liners in front of building to create a main street Keep drive-thru Replace buildings with perimeter block 	T4 T5	T5 T6
			LINERS / MAIN STREET 	NEIGHBORHOOD STORES 
GAS STATION		<ul style="list-style-type: none"> Keep gas station and pumps and build a corner store at the intersection Eliminate gas station; keep the pumps and increase them, plus build a corner store on both sides of intersection 	T4	T4 T5
			CORNER STORE 	CORNER STORES 

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**TABLE SR6 (CONTINUED):
SPRAWL BUILDING TYPES REPAIRED
INTO COMMUNITY BUILDING TYPES**
(See previous page)

TABLE SR6 (Continued): Sprawl Building Types Repaired. This table provides descriptions of the necessary tools to repair the Sprawl Building Types into Neighborhood Building Types.

SPRAWL TYPES		TECHNIQUES	REPAIRED TYPES	
PARKING GARAGE		<ul style="list-style-type: none">Wrap the garage with a Liner BuildingConvert the garage into lofts or OfficesCreate a streetReorganize parking; create on-street parking	T5 T6 LINERS 	T5 T6 LOFTS / OFFICES 
STRIP CENTER		<ul style="list-style-type: none">Convert the strip center into a recycling centerConvert the building into Offices with incubator businesses in the front	T4 T5 RECYCLING CENTER 	T4 T5 LINERS 
BIG BOX		<ul style="list-style-type: none">Create a main street terminating on buildingConvert building into Civic, Office, industrialAdd lined or underground garages along the main street	T5 T6 LINERS 	T5 T6 CIVIC INSTITUTION 
RELIGIOUS BUILDING		<ul style="list-style-type: none">Infill the parking lot in front of religious building with Senior Courtyard HousingCreate a main street with incubator businesses terminating on building	T4 SENIOR HOUSING CAMPUS 	T4 T5 CIVIC GREEN AND LINERS 

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