**Community Infrastructure Audit Template**

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| **Organization** |  |
| --- | --- |
| **Neighborhood(s):** |  |

## Objective:

The purpose of this project is to engage local residents in a comprehensive evaluation of neighborhood infrastructure, identifying deficiencies and opportunities for improvement to support community safety, accessibility, and quality of life. This evaluation will focus on two key categories: (1) missing infrastructure and (2) damaged infrastructure in need of increased routine maintenance or repair. Findings will help identify public improvement needs and infrastructure opportunities to foster increased private investment and equitable development.

## Reference:

* *Missing Infrastructure Evaluation* = areas where essential public infrastructure is absent
* *Damaged Infrastructure Evaluation* = existing infrastructure that requires repair, replacement, or routine maintenance

## Summary:

| **Type of Infrastructure** | **Missing** | **Damaged** | **Severity***1-not severe, 2-slightly severe, 3-moderately severe, 4-extremely severe* |
| --- | --- | --- | --- |
| Major & local streets |  |  |  |
| Curbs & gutters |  |  |  |
| Sidewalks |  |  |  |
| Bikeways |  |  |  |
| Street trees & Landscaping |  |  |  |
| Lighting |  |  |  |
| Traffic Control & Safety Measures |  |  |  |
| Public transit infrastructure |  |  |  |
| Stormwater Management Features |  |  |  |
| Parks, open spaces, public facilities and amenities |  |  |  |

##

## Major and Local Streets:

| **MISSING** | **DAMAGED** |
| --- | --- |
| Missing lanes: | Poor pavement conditions, potholes: |
| Half-streets: | Long-intervals between re-paving and maintenance: |
| Inefficient travel pathways for all modes of transportation: | Other |
| Substandard road construction: | Other: |
| Other: | Other: |

##

## Curbs and Gutters:

| **MISSING** | **DAMAGED** |
| --- | --- |
| Areas without formal curbing or drainage systems: | Broken, crumbling, or obstructed curbing and drainage systems that impair water management or vehicle access: |
| Locations where water is pooling or erosion is evident: |
| Other: | Other: |

## Sidewalks:

| **MISSING** | **DAMAGED** |
| --- | --- |
| Blocks or streets without pedestrian pathways: | Cracked, uneven, or obstructed pathways that pose safety hazards: |
| Gaps in connectivity and compliance with ADA (Americans with Disabilities Act) standards: | Areas that limit accessibility for individuals with mobility challenges: |
| Other: | Other: |

## Bikeways:

| **MISSING** | **DAMAGED** |
| --- | --- |
| Blocks or streets without bike lanes or separated pathways: | Cracked, uneven, or obstructed pathways that pose safety hazards or limit accessibility and use: |
| Gaps in connectivity and compliance with ADA (Americans with Disabilities Act) standards: |
| Other: | Other: |

## Street Trees and Landscaping:

| **MISSING** | **DAMAGED** |
| --- | --- |
| Streets or public spaces lacking adequate tree canopy, landscaping, or green infrastructure: | Areas with dead, overgrown, or poorly maintained vegetation: |
| Areas that can have improved aesthetics, reduce heat islands, and enhanced walkability: | Areas with vegetation that detracts from the streetscape or obstructs visibility: |
| Other: | Other: |

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## Lighting:

| **MISSING** | **DAMAGED** |
| --- | --- |
| Areas with insufficient street lighting or unlit pathways: | Broken or malfunctioning streetlights: |
| Known areas with safety concerns for pedestrians and vehicles because of lighting: | Areas with outdated lighting that does not meet current safety standards: |
| Other: | Other: |

## Traffic Control and Safety Measures:

| **MISSING** | **DAMAGED** |
| --- | --- |
| Locations needing crosswalks: | Missing or damaged crosswalks: |
| Locations needing stop signs: | MIssing or damaged stop signs: |
| Locations needing traffic signals or other safety features: | Missing or damaged traffic signals or other safety features: |
| Other: | Other: |

## Public Transit Infrastructure:

| **MISSING** | **DAMAGED** |
| --- | --- |
| Bus stops without shelters, benches, or ADA-compliant amenities: | Bus shelters or benches that are damaged, vandalized, or unsafe: |
| Areas lacking sufficient transit access: | Areas where transit signage or amenities need repair: |
| Other: | Other: |

##

## Stormwater Management Features:

| **MISSING** | **DAMAGED** |
| --- | --- |
| Areas where stormwater systems are missing or inadequate | Clogged, broken, or insufficient storm drains:  |
| Areas with flooding or water runoff issues caused: | Other drainage systems requiring maintenance to prevent flooding or water pooling: |
| Other: | Other: |

## Parks and Open Spaces / Public Facilities and Amenities:

| **MISSING** | **DAMAGED** |
| --- | --- |
| Neighborhoods without sufficient access to parks, recreational facilities, or public open spaces: | Parks, community centers, or public restrooms with damaged equipment: |
| Other: | Parks, community centers, or public restrooms with inadequate maintenance or insufficient amenities: |
| Other: | Other: |

## Community Recommendations

**Targeted Infrastructure Projects:** Recommendations for prioritized investments in areas where improvements can spur economic activity, such as in commercial corridors or underutilized spaces.

|  |
| --- |

**Connectivity Enhancements:** Identifying locations where additional sidewalks, bike paths, or transit stops can improve access to jobs, schools, or services, thereby supporting residential and business development.

|  |
| --- |

**Aesthetic Upgrades:** Proposals for streetscape enhancements, such as tree planting, lighting upgrades, and public art, that can attract businesses and improve property values.

|  |
| --- |

**REFERENCE from KEITH**

**Developing a Detailed Scope of Work and Data Resources for Community Infrastructure Audits (CIAs)**

**DRAFT 2-4-25**

**Objective:**

The purpose of this project is to engage local residents in a comprehensive evaluation of neighborhood infrastructure, identifying deficiencies and opportunities for improvement to support community safety, accessibility, and quality of life. This evaluation will focus on two key categories: (1) missing infrastructure and (2) damaged infrastructure in need of increased routine maintenance or repair. Findings will help identify public improvement needs and infrastructure opportunities to foster increased private investment and equitable development.

**Project Overview:**

This community-driven effort will empower residents to assess their neighborhood’s infrastructure and contribute to planning processes that prioritize critical improvements. The evaluation will provide a thorough inventory of infrastructure deficiencies and highlight areas where targeted investments can support broader revitalization efforts, attract private investment, and enhance the overall community health, safety and quality of environment.

**Scope of Work:**

**1. Missing Infrastructure Evaluation**

 Residents will document areas where essential public infrastructure is absent, focusing on:

* **Major and Local Streets:** Identification of missing lanes, half-streets, inefficient travel pathways for all modes, substandard road construction.
* **Curbs and Gutters:** Identification of areas without formal curbing or drainage systems, especially locations where water pooling or erosion is evident.
* **Sidewalks:** Blocks or streets without pedestrian pathways, with attention to gaps in connectivity and compliance with ADA (Americans with Disabilities Act) standards.
* **Bikeways:** Blocks or streets without bike lanes or separated pathways, with attention to gaps in connectivity and compliance with ADA (Americans with Disabilities Act) standards.
* **Street Trees and Landscaping**: Streets or public spaces lacking adequate tree canopy, landscaping, or green infrastructure that could improve aesthetics, reduce heat islands, and enhance walkability.
* **Lighting:** Areas with insufficient street lighting or unlit pathways, creating safety concerns for pedestrians and vehicles.
* **Traffic Control and Safety Measures:** Locations needing crosswalks, stop signs, traffic signals, or other safety features to facilitate safer pedestrian and vehicular movement.
* **Public Transit Infrastructure:** Bus stops without shelters, benches, or ADA-compliant amenities, as well as areas lacking sufficient transit access altogether.
* **Stormwater Management Features:** Areas where stormwater systems, such as bioswales or catch basins, are missing or inadequate, contributing to flooding or water runoff issues.
* **Parks and Open Spaces:** Neighborhoods without sufficient access to parks, recreational facilities, or public open spaces.

2. **Damaged Infrastructure Evaluation**

 Residents will assess existing infrastructure that requires repair, replacement, or routine maintenance.

 This includes:

* **Major and Local Streets:** Perpetually poor pavement conditions, potholes, or long-intervals between re-paving and maintenance
* **Sidewalks:** Cracked, uneven, or obstructed pathways that pose safety hazards or limit accessibility for individuals with mobility challenges.
* **Bikeways:** Cracked, uneven, or obstructed pathways that pose safety hazards or limit accessibility and use.
* **Roadways:** Potholes, pavement deterioration, and other roadway defects affecting the safety and functionality of streets.
* **Curbs and Gutters:** Broken, crumbling, or obstructed curbing and drainage systems that impair water management or vehicle access.
* **Street Trees and Landscaping:** Dead, overgrown, or poorly maintained vegetation that detracts from the streetscape or obstructs visibility.
* **Street Lighting:** Broken or malfunctioning streetlights, including areas with outdated lighting that does not meet current safety standards.
* **Traffic Control Devices:** Missing or damaged stop signs, crosswalk markings, traffic signals, or other features critical to pedestrian and vehicular safety.
* **Public Transit Infrastructure:** Bus shelters or benches that are damaged, vandalized, or unsafe, as well as areas where transit signage or amenities need repair.
* **Stormwater Management Systems:** Clogged, broken, or insufficient storm drains and other drainage systems requiring maintenance to prevent flooding or water pooling.
* **Public Facilities and Amenities:** Parks, community centers, or public restrooms with damaged equipment, inadequate maintenance, or insufficient amenities for users.

**3. Opportunities for Public Improvements and Private Investment**

The evaluation will also include identifying specific opportunities for public infrastructure improvements that align with community needs and can serve as catalysts for private investment. This includes:

• **Targeted Infrastructure Projects:** Recommendations for prioritized investments in areas where improvements can spur economic activity, such as in commercial corridors or underutilized spaces.

• **Connectivity Enhancements:** Identifying locations where additional sidewalks, bike paths, or transit stops can improve access to jobs, schools, or services, thereby supporting residential and business development.

• **Aesthetic Upgrades:** Proposals for streetscape enhancements, such as tree planting, lighting upgrades, and public art, that can attract businesses and improve property values.

**Deliverables:**

1. A detailed inventory of missing and damaged infrastructure, categorized by type and severity.

2. Maps and visual documentation of priority areas for public improvements.

3. Recommendations for infrastructure investments that align with community goals and support increased private investment.

4. A final report summarizing the evaluation findings, highlighting opportunities to enhance safety, accessibility, and community vitality through strategic public and private investments.

5. General Cost Analyses of Inventoried Items

**Community Benefits:**

This evaluation will not only identify critical infrastructure needs but also serve as a foundation for attracting additional investment and fostering equitable development. By incorporating community voices and local knowledge, the project ensures that the solutions proposed are practical, impactful, and reflective of the neighborhood’s unique character and needs.

**Data Requests/Needs:**

* All street and bikeway conditions
* Existing curb, gutter, and sidewalk locations
* Sidewalk condition assessments (cracks, uplift, obstructions, ADA compliance) - if available
* Street tree inventory and canopy coverage
* Traffic control devices
* Public transit stop locations, shelters, and amenities
* Streetlight locations and coverage areas
* Stormwater drainage infrastructure locations and capacity
* Existing bike lanes, paths, and shared-use trails
* Parks, open spaces, and recreational facility locations
* Pavement quality and roadway condition data
* Planned capital improvement projects and infrastructure investments for the next 5 years
* Traffic volume and congestion data at key intersections and corridors
* Business vacancy rates and commercial corridor activity to assess economic impact
* Development trends

**Request to Partner with FSU - Rational for FSU to develop the Methodology:**

Fresno State should develop a community-led data collection methodology to ensure that infrastructure assessments are credible, standardized, and actionable. Without a structured approach, data collection efforts risk being inconsistent or incomplete, limiting their impact. By leveraging academic expertise in data science and public policy, Fresno State can provide training, tools, and technical support to empower residents with the skills needed to collect and analyze infrastructure data systematically. This ensures that the final report is informed by on-the-ground realities, addressing infrastructure gaps in historically underfunded areas. The methodology should be driven by a collaboration between residents, Fresno State, and private stakeholders; identifying infrastructure improvements that could enhance neighborhood safety, accessibility, and economic growth. A structured, Fresno State-backed process could strengthen long-term monitoring and accountability, allowing communities to track progress over time and advocate for sustained improvements.