JOPLIN
POLICE DEPARTMENT

Police Department
303 E 3rd Street
Joplin, Missouri 64801
417-623-3131

FACILITY SECURITY IMPROVEMENT PLAN

In the Spring and Summer of 2025, the Joplin Police Department Community Engagement Unit was tasked with doing CPTED Site Audits of certain city facilities. CPTED (Crime Prevention Through Environmental Design) is used to make facilities and locations safer through established assessments and corrections. Each site was visited during the day and the night.

CPTED - Site Audit

The following suggestions are made for the purpose of reducing the likelihood of criminal activity. While no guarantee can be stated or implied, the concepts of CPTED have proven themselves internationally. The Joplin Police Department offers the inspection as a public service, with the understanding that there is no way to predict or prevent all crime risks. The purpose of this inspection is to reduce formability of crime, by making a good faith effort to provide a safe environment.

Four concepts of CPTED:

Access Control: Properly located entrances, exits, fencing, landscaping and lighting can direct both foot and motor vehicle traffic in ways that discourage crime. The goal of access control is to get people to go where you want them to go without having to tell them.

Surveillance (Natural, Organized, Mechanical): Generally, criminals do not want to be seen. Placing physical features, activities and people in ways that minimize the ability to see what is going on discourages crime. Landscaping and lighting are two methods used to provide natural surveillance. The goal of natural surveillance is to have the community and neighbors looking out for your property.

Territorial Reinforcement: The use of physical attributes that express ownership such as fencing, pavement treatments, signage, and landscaping.

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Lighting: Lighting is used for the illumination of human activity and security. Most crimes occur at night, and the best way to prevent those crimes is with adequate lighting. The goal of lighting is to be able to clearly observe and identify another person standing 100 feet away from you.

The assessed facilities that had these reports completed this year are as follows:

Fire Stations 1-7 (Each station has its own report)

Joe Becker Stadium

Joplin Athletic Complex

Joplin History and Mineral Museum

Airport

Joplin MAPS

Public Works Complex

Schifferdecker Golf Course

Each report for each location identifies issues and fixes throughout the report that can be as simple as cutting back shrubbery, changing a light bulb, removing keys from vehicles, or as extensive as building construction or installing a fence or other fixtures including cameras. It is a little more difficult to analyze each report and determine an absolute order of priority for the city to act on. However, this summary report will try to do just that to give city officials guidance on what changes would be the most important or most impactful to safety. The nature of CPTED reports is designed to address all concerns without placing priority or cost to them, so that the owner or operator, in this case the city and designated department head, can decide what issues they can address and do so accordingly. It is extremely important that the decision makers read each location report for a full understanding of the issues and concerns and then can comprehend this prioritization list based off those.

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Prioritization

After a thorough review of all reports, there is no blatant number one item of priority overall and each location has multiple things that can be easily corrected. The best **overall summary** of guidance for the city would be as follows:

1. Educate employees at each site about general security such as locking doors, turning on lights, reporting light bulbs out, taking keys out of ignitions, locking vehicles and reducing the likelihood of theft. (Training can be provided by us and or department heads and their designee)

2. Secure exterior outlets and increase lighting at the Golf Course, Athletic Complex and Mineral Museum along with increasing camera coverage and quality. These locations are prone to homeless use. Also, secure outside water spicket at Mineral Museum. Fix the fence at the golf course. These locations being situated in proximity need to be target hardened together as the same group of transients are around all three.

3. Restrict access to the elevator to the second floor of Joplin Reginal Airport and lock 2nd floor storage room along with adding cameras and increasing lighting. Ensure compliance with FAA restrictions over CPTED recommendations.

4. Add lighting to Joe Becker Stadium and fix the fence west of the batting cages. This location has had repeated thefts and vandalism in the past

Overall theme with the fire stations is lighting, cameras, and fencing.

Station 1 needs more lighting.
Station 2 more lighting.
Station 3 cameras and lighting.
Station 4 needs barriers, lighting, and fencing.
Station 5 cameras, lighting, fence.
Station 6 cameras, fix the fence, lighting.
Station 7 needs increased cameras and lighting.

Secure the pedestrian gates and increase lighting at PWC

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Almost all the reports include multiple small or cheap fixes that could be implemented quickly with little or no cost. All reports should be read fully to get the full context of the recommendations. Multiple recommendations could be implemented simultaneously.

A full priority breakdown of the over 100 recommendations made in the reports would be prioritized for safety and security as follows:

High Priority Items

- **City Hall**. Recommend moving the office for the officers currently located in the lower level of City Hall to the first floor. Doing so will provide high visibility to the public during times when the officers are working in that space. $276,000
- **City Hall**. Recommend adding a fixed ceiling to the Human Resources offices. Ceiling should physically attach to the current walls in HR to provide a more secure environment for HR personnel. $263,000
- **City Hall.** Adding controlled access to restrooms for additional security and maintenance $16,000
- **Fire Station 6**: Add additional exterior lighting around building $8,000. Add additional parking lot lights $50,000. There was no lighting for the sides of the building without bay doors. The employee parking area was quite dark.
- **Fire Station 4**: Recommend additional lighting around the employee parking lot. $50,000
- **Health/WIC Department---**Enclose all service counters in lobbies with safety glass/store fronts to separate employees from citizens $100,000. Add access control to hallway restrooms for additional security and maintenance $4,000.
- **Athletic Complex** Large Parking lot between Soccer and Baseball Fields: Recommend speed bumps throughout driving lanes to prevent vehicles from speeding and driving carelessly. $90,000

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- **Athletic Complex Main Building and Garage**: Rubber or concrete speed bumps on both $20,000

- **Athletic Complex Main Building and Garage**: Disabled parking spaces need concrete or rubber parking stops in spaces. Sidewalk is raised but flattens out near disabled spaces, creating a hazard if a vehicle accidentally accelerates forward into building $5,000

- **Golf Course Club House**-The metal handrail outside the main door is in disrepair and parts of it are rusted away. $2,000

- **History and Mineral Museum**: Recommend installing speed bumps in front of the building to slow down vehicle traffic $30,000

- **Public Works** Has old Speco camera system with 9 cameras ($13,500 total)
  - Upgrade system to DW server, use existing cameras - $3,500
  - Add 3 outdoor cameras = $2,400
  - Add 2 panic buttons in office = $1,600
  - Add 2 walk gates to city Axiom system = $6,000

- **Airport**: Recommend a retractable or mobile barrier system for ticket counter and baggage scanner area when not occupied and no employees are around. $10,000

- **Fire Station 7**: Add additional exterior lighting $6,000.

Mid-Level Priority Items

- **Fire Station 1**: Recommend the addition of security cameras around the building. There is only one and it is above the public entrance. $3,500

    - DW server in court room – add 4 cameras - Outside NW looking east - Outside West looking east - Outside East looking north - Inside bay

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- **Airport**: Recommend the addition of mobile laptops (MDT's) for Airport Police. Laptop cradles could be added to the Police office if laptops are acquired. $15,900

- **Airport:** Recommend additional cameras along the perimeter. $21,000 total
    - Feb 2025 TEC quoted upgrade to DW ($13,000)
    - Upgrade old analog cameras to HD $300 each
    - Add tower gate camera $2,500
    - Add employee parking camera $1,200
    - Add car wash and fuel pump cameras $4,000

- **Airport**: We were advised that the license plate reader camera at the main entrance road is not linked to any reader system or is outdated. This could be a potential location for a FLOCK camera. ($3,000/year)

- **Airport**: Recommend adding convex mirrors or a monitor to the northeast car rental exterior door. This is a blind exit area. $1,000

- **Fire Station 4**: Recommend installing bollards or boulders at the front of the building or close to the 34th St/S Main St. intersection to prevent vehicles hitting the building after running off the roadway or a crash $40,000.
    - Installation of privacy fence $20,000.

- **PWC** ($70,00 total)
    - Fence repairs $7,500.
    - Bollard installation $15,000.
    - Guard rail installation $30,000.
    - Lighting $15,000

- **Fire Station 5**: There were no security cameras for the station or the property. Installation of privacy fence $40,000.

- **Fire Station 5**: Lighting $5,000. There were no lights on the east side of the building. There were no lights on the north side of the building. That part of the property relies on the Zimmer Radio Group parking lot lights for lighting.

- **Fire Station 7**: $3,200. Has DW server with 4 cameras – Add 4 cameras
    - 1 inside dorm hallway
    - 1 outside the east front driveway
    - 1 outside south
    - 1 outside west
- **Fire Station 3**: $4,800
    - Has no camera system – install new system with 6 cameras
    - 4 outside (north, south, east, west)
    - 1 in the bay
    - 1 in the dorm hallway
- **Fire Station 5**: $4,000
    - Has no camera system --install new system with 4 cameras
    - 2 outside on SW corner
    - 1 outside on NE corner
    - 1 in the bay
- **Fire Station 6**: $6,000 Has old analog system that is dead – install new system with 8 cameras
    - 1 Inside entry
    - 1 Outside NW corner
    - 1 in dorm hallway
    - 1 in bay south
    - 1 in bay north
    - 1 at south door
    - 1 on south parking
    - 1 outside North driveway
- **Fire Station 5**: The installation of a privacy fence for the north, south and west sides of the property. Several issues with people running across the property. An employee's

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vehicle was stolen from the parking lot in 2022. Trash and debris blow onto the property from the surrounding properties.$15,000

- **Fire Station 2**: $5,000
    - Has Hikvision IP system with 7 cameras that is dead
        - replace system with 8 cameras –
        - 1 north outside
        - 1 south entry
        - 1 dorm hallway
        - 1 Bay
        - 1 north door
        - 1 SW outside
        - 1 West outside
        - 1 east outside

- **Fire Station 2**: $1,000 There was no lighting on the east side of the building.

- **MAPS**---Exterior Windows $100,000

- **Joe Becker Stadium**:
    - Recommend adding lighting to all parking lots. Recommend adding lighting to the parking area to the north of the batting cages. $500,000
    - Damage to the chain link fence west of the batting cages.

- **Athletic Complex Main Building and Garage**: Security cameras. Recommend upgrading to better quality and add more cameras throughout the entire property. $4,000
    - 1 new in hallway
    - 2 new on shop/garage
    - 2 replacement inside lobby

- **Athletic Complex Softball Field Parking lot**: The large green utility box to the east of the disabled spaces is unprotected. Recommend installing bollards or large boulders to prevent a vehicle from accelerating into it $2,000

- **Athletic Complex Main Building and Garage**: Fencing could be installed around the 4 A/C units to prevent theft or vandalism $3,000

- **Athletic Complex Main Building and Garage**: Large propane tank on south side of buildings could use protective bollards around it $2,000

Non-monetary items

- **Airport:**
  - The door and elevator to the second floor were unsecured. It is recommended that access to the second floor should be restricted to employees only.
  - The second-floor storage room was unlocked. It is recommended that this door always stay locked when not in use.
  - We were advised there are times when people in the lobby wait for someone to exit the secure area doors and then hold the doors open and enter the secure area without being checked.

- **Athletic Complex Tennis Courts**: Tennis court light boxes were not able to be secured. Locking them in some way could prevent the cutting of wires.

- **Athletic Complex Large Parking lot between Soccer and Baseball Fields**: Vegetation in concrete islands could bloom and obstruct vision of other vehicles in the parking lot.

- **Athletic Complex Soccer Field area**:
  - Concrete sidewalks cracking and deterioration

- **Athletic Complex Main Building and Garage**
  - Recommend additional exterior lighting on all sides of the main building and garage. There were light boxes by each of the bathroom doors for the ballfields and soccer fields, but they were not activated. Unknown if they are inoperable or just not being used.
  - Unsecured exterior outlets around the buildings, invitation for homeless subjects to charge their devices. There was mention of an active homeless camp to the west, outside city limits

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- At the west side of the garage, a parked and unoccupied city truck was found unlocked, window down and keys in ignition. Could easily be stolen
- Trim hedges along the north side of the building, especially the row on the west side of the stairs leading to the lower courts. It is recommended to trim them to 2 feet in height
- The tan breaker box on the north side of the garage was unsecured
- Sidewalks to ballfields and playgrounds are starting to crack and deteriorate

- **Athletic Complex Baseball Field**: T-ball field visitor dugout fence needs repaired. Falling in toward the bench

- **Athletic Complex Softball Field Parking lot**: Evergreen trees along the chain-link fences provide spots for criminals to hide and ambush citizens. Recommend trimming

- **Athletic Complex Softball Fields**:
  - Rock beds could be replaced with grass, rubber, or decorative surface. Potential of small children picking up rocks and throwing them
  - Parking spaces marked or something through the center of the parking lot to help indicate a row for parking spaces there
  - For the softball fields, if possible, replace the orange glow streetlights and building lights with bright white LEDs.

- **Athletic Complex Playground near baseball fields**:
  - Entrance gate to playground is in disrepair
  - Disabled parking space signs faded and need replaced
  - Disabled parking spaces

- **Fire Station 1:** Recommend keeping the truck bay doors shut when left unattended by employees. There have been incidents of civilians walking through and gaining access to the restricted areas. There have been thefts from employee vehicles and theft of bicycles. There has been damage to gates and the perimeter fence.

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- **Fire Station 2**:
    - Lock the doors. The east and west exterior doors were both unsecured. We were able to pull them open easily.
    - Keys left in two exterior water spickets. Suggest removing and securing the keys when not in use.

- **Fire Station 3**: During the night survey, both front and rear truck bay doors were open and no firefighters were in the bay.

- **Fire Station 4**: We were advised there was no onsite employee access to the security cameras and the footage is only kept for 24 hours.

- **Fire Station 5**: The shed where the lawn mower and other items are stored was unlocked.

- **Fire Station 6:** The two sections of wood privacy fence were in disrepair.

- **Fire Station 7**: The shed where the lawn mower and other items are stored was unlocked.

- **Golf Course Clubhouse:**
    - The exterior outlets and water faucets were unsecured. Suggest locking them or installing covers when not in use to prevent unauthorized use.
    - The attached cart garage on the club house was open and unattended. A maintenance cart outside the garage was left unattended with the keys left in the ignition.

- **History and Mineral Museum**:
    - The plastic donation box in the Langston Hughes exhibit was not secured. The rear panel could be pulled up to open the box and take out the donation money
    - The 'No Admittance' door in the sports section was unlocked
    - One of the emergency lights above the woolly mammoth was hanging down from its box

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- The display cases in the main entryway were not secured
- Secure or remove the exterior electrical outlets
- Secure the exterior water spigot if public use is prohibited

- **Public Works**: The pedestrian gates are always unsecured. It is recommended to secure them when not in use with a chain and combination lock or replace the electronic lock keypads.

Lower Priority Items, but still affect safety and security

- **Airport:**
  - Recommend clearing overgrown vegetation around the fencing and lots.
  - Recommend the installation of signs at the crosswalks advising no parking in crosswalks.

- **Athletic Complex Softball Fields**:
  - Replace signs numbering the fields. Signs were faded
  - Disabled parking spaces have signs but no markings. Recommend blue striping or blue rubber or concrete parking stops

- **Athletic Complex Large Parking lot between Soccer and Baseball Fields**: Disabled parking spaces aren't marked on asphalt near soccer fields or baseball fields

- **Athletic Complex Main Building and Garage:**
  - The driveway to the space between the main building and the garage could use maintenance
  - Parking lot could be resurfaced or parking spaces re-striped

- **Fire Station 1**:
  - There is a large crack in the exterior wall by the public entrance.
  - Recommend repainting the red fire lane curb on the west side of the building.

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- **Fire Station 3**:
    - Minor disrepair in the roof on the west side
    - Northwest exterior door was unlocked. The north bay doors were open, but firefighters had been in and out for work and meal preparation.

- **Fire Station 4:**
    - The parking spaces in front of the public entrance door need restriped.
    - Recommend bollards or boulders around the large electric box near the employee lot drive.

- **Fire Station 5**:
    - It is recommended to repave and stripe the employee parking lot.
    - No entry/no public access signs are recommended to be added in front of the drive to the lot.
    - Do not block/no parking signs are recommended to be added in front of the bay doors drive.

- **Fire Station 6**:
    - Recommend installing signage directing citizens to public parking and entrance.
    - Recommend installing signage indicating authorized personnel only on light pole south of public parking lot entrance to prevent unwanted vehicles near FD personal vehicles
    - Recommend repaving and restriping all parking lots.

- **Fire Station 7**: Recommendation to add the red curb paint and no parking/fire lane wording.

- **Golf Course Clubhouse**
    - We were made aware that on some online maps, directions will take vehicular traffic inside the northeast gate and travel on the cart path. Suggestions include no access/no vehicle signage, removable bollards or a light chain that can be strung across the access point.

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  - The trees and bushes on the south side were overgrown and blocking the lights and AC unit. Suggest trimming them.
  - The paint on the wood siding is chipping and in disrepair.
  - The disabled parking spot lines were faded. Suggest repainted and adding blue paint.

- **Golf Course Maintenance Building:** The building needs repair. Missing Roof shingles, damaged siding, broken windows, large brush pile and old building materials outside the building. Suggest removing all of it.

- **Golf Course Cart Storage Garage:**
  - There appeared to be only one camera on a light pole outside the garage.
  - Citizens sometimes mistake the main gate as an entrance for the recycling center. Recommend adding another sign to the gate that advises no access to recycle center and only entrance is on W A St.
  - Suggest installing concrete bollards around the large fuel tank to prevent crash damage.
  - Vegetation on the east side the garage is overgrown. Suggest removing or trimming it.
  - The AC, gas and utilities on the northeast side are protected by a short concrete curb. Suggest raising the curb or installing concrete bollards to increase protection.

- **History and Mineral Museum**:
  - Parking lot curb has faded paint
  - Peeling paint, loose or missing boards and tiles, hanging wires, ineffective and damaged guttering
  - Exhibit chains could be replaced with a short, light, decorative fence, making it harder for someone to enter the exhibit

- **Joe Becker Stadium**:
  - The parking lot west of the stadium could be resurfaced and striped for more efficient and controlled parking.

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  - The south parking lot could be resurfaced and striped for more efficient and controlled parking.
  - The disabled parking spaces in the south parking lot could be repainted.

- **MAPS**:
  - The vegetation around the Main St entrance needs to be trimmed to discourage people from going behind it and hiding.
  - The tree closest to the Main St sidewalk was hanging over the sidewalk. Recommend trimming it so it does not encroach into the designated walking space.
  - The light at the Main St side driveway was not on or not working.
  - Most of the windows appeared to be outdated and in need of minor repair or replacement.

- **Public Works**:
  - Recommend securing the tool lending library trailer with a hitch lock or chaining it to a solid immovable object.
  - Recommend trimming the overgrown vegetation along the west fence.

Conclusion

While the CPTED reports identified a lot of issues, and this report prioritized them in the best way possible, the most effective way to attempt to reduce crime and increase safety at these facilities would be for 100 percent of the issues to be addressed and or fixed, understanding time and financial resources and employee manpower is a factor.

Captain Trevor Duncan