



BRANCH COUNTY

SHERIFF'S OFFICE AND JAIL FACILITY

MAJOR PROJECT CONCLUSIONS

- Analytics and Projection Modeling (Selected 20 Year Projection Model):
 - Current Population: 43,545
 - Projected Population: 51,254
- Average Daily Population:
 - Projected: 293
- Average Length of Stay:
 - Projected: 24 to 32 Days
- Jail Bookings:
 - Projected: 2,353
- Court Total Courts Caseload:
 - Projected: 19,142 to 27,033
- Space Evaluation:
 - Total Rating: 5.11 – Marginal (Scale of 0 – 10)
 - Total Existing BGSF: 34,125
 - Adjusted BGSF: 48,319
- Architectural Space Program:
 - 10 Year Program: 57,145 BGSF
 - 20 Year Program: 59,372 BGSF
- Staff Program:
 - Total Existing: 38
 - 20 Year Program: 54

The existing Branch County Jail is located in a former nursing home that had significant space, code, system, as well as ACA and Michigan Jail Standards deficiencies. The facility was also poorly configured for operational staff efficiency and security.

PROJECT APPROACH

- The Project Team utilized a four (4) phase project approach and methodology:
 - **Phase 1 - Pre-Project:** Organization and coordination of the project effort and obtaining foundational information through the use of questionnaires and data requests, as well as obtaining existing building and site plans.
 - **Phase 2 - Strategic Planning and Facility Systems Evaluation:** Completion of population, jail and court caseload analytics to understand historical and potential future system trends, as well as completion of staff and space projection modeling. Evaluation of existing space based upon a rating system of 0 (Non Existent but necessary) to 10 (Appropriate) with adjustments necessary to achieve minimum operational efficiency. Existing facility systems conditions assessment to document the current status of all the facility systems, components and devices including cost estimating to define necessary corrective work, as well as defining numerous ACA and Michigan Jail Standards deficiencies.
 - **Phase 3 - Staff and Space Programming:** Defining the ten (10) and twenty (20) year staff, space and parking needs, as well as critical adjacencies.
 - **Phase 4 - Master Planning:** Development Pre-Charrette tools necessary to conduct a charrette. Conducting a charrette with all the users and stakeholders to determine the best means to address current and future staff, space and parking needs. Completion of Post-Charrette information including conceptual design graphics, a total project budget, anticipated project schedule and implementation plan.



RESULT

- The current space of 34,125 square feet received an overall rating of 5.11 (Marginal) and was adjusted to 48,319 square feet with the twenty (20) year space need defined as 59,372 square feet and staff need of 54.
- The Charrette explored multiple options on three (3) different sites ranging in cost from approximately \$13 to \$31 million with the preferred option determined to be a new building on the existing site and demolition of the existing facility.

CLIENT	PROJECT ROLES	PROJECT TEAM	KEY ACCOMPLISHMENTS
Branch County Board of Commissioners Coldwater, Michigan	Strategic Planning, Staff and Space Programming. Facility Conditions Assessment and Master Planning	Securitecture, LLC; Byce	Definition of future staff, space and parking needs. Determination of facility systems conditions and cost of related corrective. Determination of a means to address future needs, cost and schedule.