



A Study of Space Needs

SUMMARY OF PRELIMINARY FORECAST AND DATA ANALYSIS
Existing – Projections – Future – The Way Forward

Downtown Olathe Facilities and County Courthouse Study

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Introduction and Presentation Format

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 - Projected Space Needs
- Future
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SUMMARY OF PRELIMINARY FORECAST AND DATA ANALYSIS: *Existing – Projections – Future – The Way Forward*



Number of Staff by Department/Division

Historical Court Staff Data

Staff	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004
Judicial Officers	16.0	16.0	16.0	17.0	18.0	20.5	22.5	22.5	22.5	22.5
<i>Judges</i>	<i>16.0</i>	<i>16.0</i>	<i>16.0</i>	<i>17.0</i>	<i>18.0</i>	<i>19.0</i>	<i>21.0</i>	<i>21.0</i>	<i>21.0</i>	<i>21.0</i>
<i>Hearing Officers</i>	--	--	--	--	--	<i>1.5</i>	<i>1.5</i>	<i>1.5</i>	<i>1.5</i>	<i>1.5</i>
Court Administration	3.5	4.5	4.5	4.5	4.5	5.0	5.0	5.0	5.0	5.0
Clerk of the Court	51.0	51.0	51.5	51.5	51.5	53.5	53.5	53.5	53.5	53.5
Court Services	57.3	57.8	57.8	57.8	57.8	57.8	57.8	60.3	61.3	62.3
Court Reporters	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
Law Library	3.7	3.9	3.7	3.7	5.0	5.0	5.0	5.0	5.0	5.0
District Court Trustee	41.8	49.8	49.8	45.8	45.8	46.8	46.8	46.8	46.8	46.8
JIMS	2.5	3.5	5.5	5.5	5.5	6.5	7.5	7.5	7.5	10.0

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SUMMARY OF PRELIMINARY FORECAST AND DATA ANALYSIS: *Existing - Projections - Future - The Way Forward*



Number of Staff by Department/Division

Historical Court Staff Data (CONTINUED)

Staff	1980	1985	1990	1995	2000	2003
District Attorney	28.0	43.0	57.0	80.0	102.0	115.0
<i>Attorneys</i>	<i>10.0</i>	<i>15.0</i>	<i>18.0</i>	<i>24.0</i>	<i>29.0</i>	<i>30.0</i>
<i>Support</i>	<i>18.0</i>	<i>28.0</i>	<i>37.0</i>	<i>43.0</i>	<i>53.0</i>	<i>58.0</i>
<i>Interns/Volunteers</i>	--	--	<i>2.0</i>	<i>13.0</i>	<i>20.0</i>	<i>27.0</i>

Staff	2002	2004
Sheriff-Court Security	25.0	18.0

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Existing Space Allocation for Court Functions

Space	Existing DGFSF
District Court and Related Spaces	70,243
<i>District Court space includes:</i>	
<ul style="list-style-type: none"> ■ Court Administration ■ Court Reporters ■ Community Corrections ■ Guardian Ad Litem ■ Alternative Juvenile Programs ■ Jury Assembly and Lounge ■ Internal Prisoner Security and Escort 	
Court Support Functions	76,363
<i>District Attorney</i>	20,555
<i>District Court Clerk</i>	16,528
<i>Court-Related Court Services</i>	600
<i>Field-Related Court Services</i>	17,343
<i>Court Trustee</i>	10,574
<i>Justice Information Management Systems (JIMS)</i>	1,828
<i>Law Library</i>	4,781
<i>Courthouse Security (Sheriff's Department)</i>	4,154
Total Existing DGFSF for Court Functions	146,606

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SUMMARY OF PRELIMINARY FORECAST AND DATA ANALYSIS: Existing - Projections - Future - The Way Forward



Preliminary Facility Observations

- Internal disorganization reflects the numerous additions
- Separation of public, private, and inmate circulation is inadequate, elevating the security risk
- Public waiting space is poor and inadequate; especially the need to separate victims, witnesses, families
- Noise interference from trains is particularly disruptive along the western, northern, and southern exposures of the Courthouse
- Inadequate space allocation for virtually every court function
- No mediation space

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SUMMARY OF PRELIMINARY FORECAST AND DATA ANALYSIS: Existing - Projections - Future - The Way Forward



Preliminary Facility Observations (CONTINUED)

- Raised entry makes it difficult for wheelchair users to reach entrance.
- Clerk's operation split between levels
- Limited court holding space below courthouse
- Circuitous secure corridors in lower level difficult to observe, use of cameras limited.
- In-custody defendants must walk through public corridors to reach many of the courtrooms.
- No separate horizontal and vertical circulation for judges and staff

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SUMMARY OF PRELIMINARY FORECAST AND DATA ANALYSIS: *Existing – Projections – Future – The Way Forward*



Preliminary Facility Observations (CONTINUED)

- Jury assembly area in multi-purpose/courtroom space. This room is inadequate for jury assembly use with no dedicated space for potential jurors to wait during selection.
- Inadequate and inaccessible coffee bar/snack shop space for attorneys and public to wait before trial or conference.
- Insufficient number of attorney/client conference room space adjacent to courts, limiting ability to reach plea agreements, mediation.
- Courthouse meets only the minimum ADA requirements.

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SUMMARY OF PRELIMINARY FORECAST AND DATA ANALYSIS: *Existing – Projections – Future – The Way Forward*



Preliminary Facility Observations (CONTINUED)

- Tower curtain wall system has poor insulative qualities making working next to wall uncomfortable.

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Summary of the Space Standards

Typical Components of Judicial Sets

Standard District Courtroom Set

- Standard District Courtroom (w/vestibule)
- Attorney/Client Conference
- Waiting Area/Courtroom
- Jury Deliberation Set (w/toilets, coffee area)
- Holding Cells
- Inmate/Attorney Visitation
- Secure Storage
- Judge's Courtroom Office/Robing Room

District Judge's Chamber

- District Court Judge's Chamber
- Judge's Toilet
- Storage
- Administrative Assistant's Office
- Research Attorney
- Waiting Area

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SUMMARY OF PRELIMINARY FORECAST AND DATA ANALYSIS: *Existing – Projections – Future – The Way Forward*



Summary of the Space Standards

Recommended Space Standards for Courthouse and Court Related Spaces

Space	Total DGSF
Standard District Courtroom Set	4,389
Large District Courtroom Set	5,057
Large Limited Actions Courtroom Set	4,241
Large Traffic Courtroom Set	5,281
Juvenile Courtroom Set	2,883
General Mediation Room Set	1,903
Magistrate's Courtroom Set	3,262
District Judge's Chamber	1,372
Visiting Judge's Chamber	1,248
Magistrate's Office Set	837
Judicial Support Space	3,240

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SUMMARY OF PRELIMINARY FORECAST AND DATA ANALYSIS: Existing - Projections - Future - The Way Forward



Summary of the Space Standards (CONTINUED)

Recommended Space Standards for Courthouse and Court Related Spaces

Space	Total DGSF/FTE
District Attorney	349
Court Administration	233
Clerk of Court	290
Court Services (Court-Related)	233
Court Services (Field-Related)	209
Court Trustee	209
Court Reporters	169
Public Defender	50
Justice Information Management Systems (JIMS)	310
Community Corrections	233
Guardian Ad Litem	209
Alternative Juvenile Programs	209
Jury Assembly and Lounge	34
Law Library	405
Court Security (Sheriff Department)	73
Internal Prisoner Security and Escort (Sheriff's Department)	155

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SUMMARY OF PRELIMINARY FORECAST AND DATA ANALYSIS: Existing - Projections - Future - The Way Forward



Current Shortfall In Space

Current Space Needs for Courthouse and Court-Related Spaces

Space	Space Standard	Number of Units/Staff	Estimated DGSF
Standard District Courtroom Set	4,389	15	65,835
Large District Courtroom Set	5,057	3	15,171
Large Limited Actions Courtroom Set	4,241	1	4,241
Large Traffic Courtroom Set	5,281	1	5,281
Juvenile Courtroom Set	2,883	2	5,766
Magistrate's Courtroom Set	3,262	1	3,262
Subtotal – Courtrooms		23	99,556
District Judge's Chamber	1,372	21	28,807
Visiting Judge's Chamber	1,248	1	1,248
Magistrate's Office Set	837	2	1,674
General Mediation Room Set	1,903	2	3,806
Total DGSF for Court Support Functions		24	35,535

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SUMMARY OF PRELIMINARY FORECAST AND DATA ANALYSIS: Existing – Projections – Future – The Way Forward



Current Shortfall In Space (CONTINUED)

Current Space Needs for Courthouse and Court-Related Spaces (CONTINUED)

Space	Existing DGSF	Space Standard	Number of Units/Staff	Estimated DGSF
Total Courtrooms and Court Support Space	70,243	--	24	135,091
Total Court-Related Functions/Components	76,363	--	281	85,236
<i>District Attorney</i>	<i>20,555</i>	<i>349</i>	<i>115</i>	<i>40,106</i>
<i>Court Administration</i>	<i>*</i>	<i>233</i>	<i>5</i>	<i>1,163</i>
<i>District Court Clerk</i>	<i>16,528</i>	<i>290</i>	<i>54</i>	<i>15,515</i>
<i>Court-Related Court Services</i>	<i>600</i>	<i>233</i>	<i>6</i>	<i>1,447</i>
<i>Field-Related Court Services</i>	<i>17,343</i>	--	--	--
<i>Court Trustee</i>	<i>10,574</i>	<i>209</i>	<i>47</i>	<i>9,782</i>
<i>Court Reporters</i>	<i>*</i>	<i>169</i>	<i>16</i>	<i>2,700</i>
<i>Justice Information Management Systems (JIMS)</i>	<i>1,828</i>	<i>310</i>	<i>10</i>	<i>3,100</i>
<i>Guardian Ad Litem</i>	<i>*</i>	<i>209</i>	<i>2</i>	<i>419</i>
<i>Jury Assembly and Lounge</i>	<i>*</i>	<i>34</i>	<i>200</i>	<i>6,750</i>
<i>Law Library</i>	<i>4,781</i>	<i>405</i>	<i>5</i>	<i>2,009</i>
<i>Court Security (Sheriff Department)</i>	<i>4,154</i>	<i>73</i>	<i>18</i>	<i>1,305</i>
<i>Internal Prisoner Security and Escort (Sheriff's Dept.)</i>	<i>*</i>	<i>155</i>	<i>4</i>	<i>620</i>
<i>Public Defender Work Space</i>	<i>*</i>	<i>80</i>	<i>4</i>	<i>320</i>
TOTAL – Departmental Gross Square Feet	146,606			220,326
Building Gross Factor			20%	44,065
TOTAL – Building Gross Square Feet				264,392

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Projections – Summary and Comparisons

Description	2005	2010	2015	2020	2025
Total Population	500,995	550,904	597,732	644,559	688,946
Total Filings (Based on Population Ratio)	31,100	34,200	37,100	40,000	42,700
Total Filings (Based on Trend Forecast)	33,862	38,907	44,215	49,642	54,983
Forecast Method					
Judges/Population Method (4.2/100,000 Population)	22.5	24.8	26.9	29.0	31.0
Actual Increase in Judges (0.28/Year)	21.3	22.7	24.1	25.5	26.9
Filings per Judge Method (1,400 Dist. Ranking)	24.2	27.8	31.6	35.5	39.3
Weighted Caseload	21.2	23.5	25.7	28.0	30.5
Average of All Estimates	22.3	24.7	27.1	29.5	31.9
Hearing Officers	1.5	1.6	1.7	1.9	2.1
Total Judicial Officers	23.8	26.3	28.8	31.4	34.0

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SUMMARY OF PRELIMINARY FORECAST AND DATA ANALYSIS: Existing – Projections – Future – The Way Forward



Projections – Future Judgeships

Projected Judicial Positions Based on Average of Models

Description	2003	2005	2010	2015	2020	2025
Civil	23%	5.4	6.0	6.6	7.2	7.8
Domestic	27%	6.3	7.0	7.6	8.3	9.0
Criminal	24%	5.6	6.2	6.8	7.4	8.1
Juvenile	8%	2.0	2.2	2.4	2.6	2.8
Traffic (Magistrate Position)	3%	0.7	0.7	0.8	0.9	1.0
Probate	3%	0.8	0.9	1.0	1.1	1.2
Magistrate	13%	3.0	3.3	3.6	3.9	4.3
Hearing Officer	7%	1.7	1.9	2.1	2.3	2.5
Total	100%	23.8	26.3	28.8	31.4	34.0

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SUMMARY OF PRELIMINARY FORECAST AND DATA ANALYSIS: Existing – Projections – Future – The Way Forward



Projections of Court Staff

Description	Existing	Projected Personnel				
		2005	2010	2015	2020	2025
Court Administration	5	6	7	8	9	10
Clerk of the Court	54	57	61	64	68	72
Court Services	62	66	70	74	78	82
Court Reporters	16	20	22	24	27	29
Law Library	5	6	7	8	9	9
District Court Trustee	47	50	53	56	59	62
JIMS	10	12	17	23	29	35
Subtotal	198	217	237	257	279	299
District Attorney	115	123	134	146	157	169
Sheriff – Court Security	18	19	21	22	23	25
Community Corrections	33	35	38	42	45	48
Subtotal	166	177	193	210	225	242
Total	364	394	430	467	504	541
<i>Courts Average Increase</i>		9.4%	9.3%	8.5%	8.2%	7.3%
<i>Courts Annual Increase From Existing</i>		9.4%	3.3%	2.7%	2.5%	2.4%
<i>Total Average Annual Increase</i>		8.1%	1.8%	1.7%	1.6%	1.5%
<i>Total Annual Increase From Existing</i>		8.1%	3.0%	2.6%	2.4%	2.3%

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The Operational “Form-Givers”

- “Footprint” (square footage per floor) is driven by the number of courtrooms per floor
- Courtrooms should be located in pairs to share holding cells, secure elevators, jury deliberation rooms, etc.
- Building footprint must be able to provide for separate public and private circulation in corridors and elevators
- High volume, public functions such as the Clerk of Court and Law Library should be located on lower levels
- Public lobby must be able to accommodate the security screening for large numbers of public and staff

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The Site Issues

- Both urban and undeveloped within and outside of Olathe to be considered
- Site access must be able to be “controlled” for security purposes. Vehicle bomb stand-off distance (30’ min., GSA 50’ min.)
- Site footprint should be capable of horizontal expansion
- Court will generate a 2025 parking need for at least 1,400 spaces at peak use
- Site must facilitate the Courthouse as the visual icon of the County
- Maintain adjacency between court functions

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The Site Issues (CONTINUED)

- Parking:
 - Secure parking for judges and key staff
 - Staff Parking
 - Public Parking
 - Juror Parking
- LEED site considerations:
 - Proximity to public transportation
 - Urban Density
 - Water Management
 - Limited Site Disturbance
- Connection to downtown jail tunnel may not be determining measure; most in custody defendants arrive from New Century detention facility or juvenile detention facility.

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SUMMARY OF PRELIMINARY FORECAST AND DATA ANALYSIS: *Existing – Projections – Future – The Way Forward*



Potential Organizational Considerations

- Consolidated Courthouse for all Court and Court-related functions
 - Separate Criminal (adult and juvenile) and Civil (civil, probate, domestic relations, limited actions) Court functions
 - Create a separate Family Court to include alternatives such as juvenile, domestic relations, and probate functions
-
- Impacting Factors
 - Adjacency of courtrooms to chambers and use of clustered judicial suites
 - Ratio of courtrooms to judges
 - Specialized courtrooms
 - Special use groups
 - Ratio of deliberation rooms to courtrooms
 - Type of litigation spaces

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SUMMARY OF PRELIMINARY FORECAST AND DATA ANALYSIS: *Existing – Projections – Future – The Way Forward*



Scheduled Tours

- Arlington County Virginia: Vertical separation of judges from courtrooms; de-centralized Clerk of Court functions; ADA implications in design; co-location issues with jail; underground parking (Monday afternoon)
- Prince Georges' County Maryland: Televised First Appearance; implications of separately located jail and courthouse; horizontal separation of judges' chambers from courtrooms; public law library; connection of new courthouse with existing historic courthouse; adaptive re-use potential for existing courthouse (Tuesday morning)

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SUMMARY OF PRELIMINARY FORECAST AND DATA ANALYSIS: *Existing – Projections – Future – The Way Forward*



The Purpose of the Tours (CONTINUED)

- Fairfax County Virginia: Location of new courthouse within growth center of county; operational issues of a high rise courthouse; expansion options for urban courthouse (Tuesday afternoon)
- Henrico County Virginia: Location of courthouse and separate court functions in a "campus" setting; planning process for expansion; separation of Family Court (Wednesday morning)

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SUMMARY OF PRELIMINARY FORECAST AND DATA ANALYSIS: *Existing – Projections – Future – The Way Forward*



Next Steps

- Develop block program spatial requirements for various functional options (February 14)
- Identify site selection criteria (February 14)
- Conduct workshops with the Steering Committee to create development options (February 14-March 9)
- Present functional considerations, development options, and site selection criteria to BOCC (March 10)
- Commence Phase II (March 10)
- Develop public meeting structure

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End of Presentation