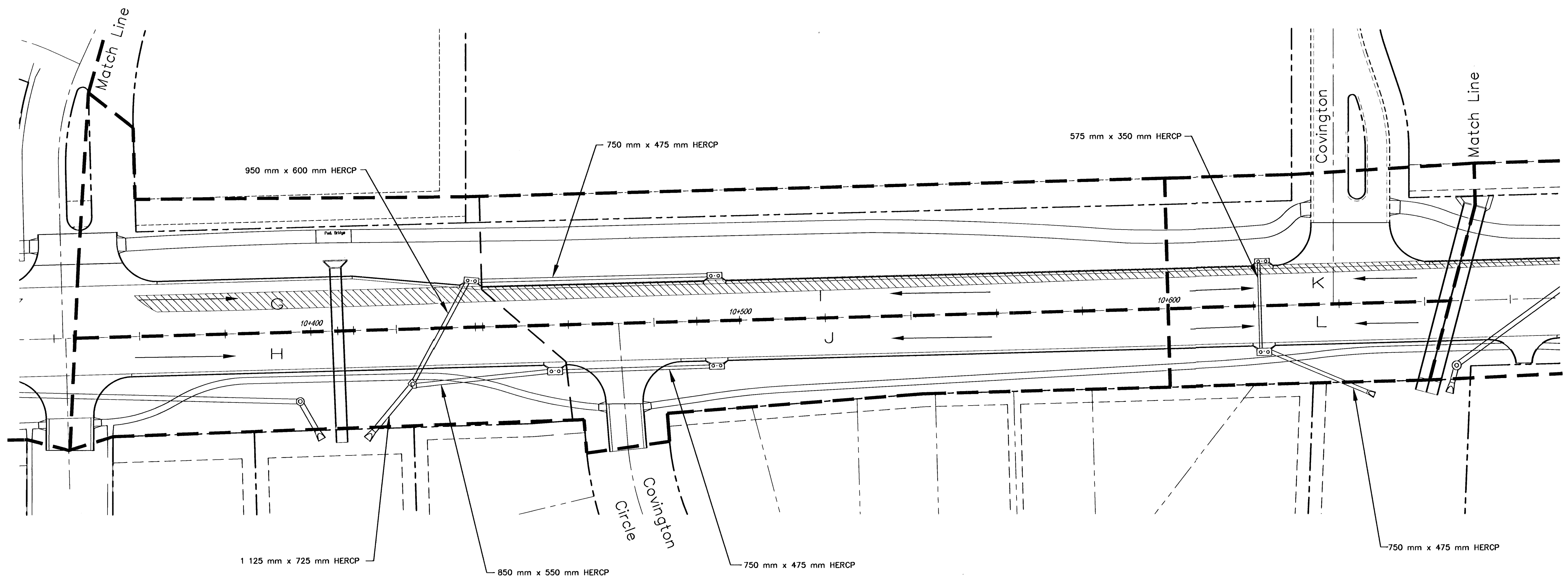


DRAINAGE DATA TABLE

| BASIN | ENGLISH (U.S.) | | | | | | | | | | STORM SEWER | | |
|--------|----------------|--------|------|----------|----------|------------|-----------|-------------|------------------|----------------|-------------|--|------------------|
| | AREA | | 'C' | Tc (min) | Q=CIA | | | | | | | | |
| | (sq. feet) | (acre) | | | I-5 (in) | I-100 (in) | Q-5 (cfs) | Q-100 (cfs) | Cum. Area (acre) | Cum. Q-5 (cfs) | | | Cum. Q-100 (cfs) |
| G | 34703 | 0.80 | 0.85 | 15 | 4.56 | 7.37 | 3.09 | 4.99 | 1.99 | 7.72 | 12.48 | | |
| H | 28018 | 0.64 | 0.85 | 15 | 4.56 | 7.37 | 2.49 | 4.03 | 1.39 | 5.37 | 8.69 | | |
| I | 52065 | 1.20 | 0.85 | 15 | 4.56 | 7.37 | 4.63 | 7.49 | 1.20 | 4.63 | 7.49 | | |
| J | 32378 | 0.74 | 0.85 | 15 | 4.56 | 7.37 | 2.88 | 4.66 | 0.74 | 2.88 | 4.66 | | |
| Outlet | - | - | - | - | - | - | - | - | - | 13.09 | 21.16 | | |
| K | 23368 | 0.54 | 0.85 | 15 | 4.56 | 7.37 | 2.08 | 3.36 | 0.54 | 2.08 | 3.36 | | |
| L | 12443 | 0.29 | 0.85 | 15 | 4.56 | 7.37 | 1.11 | 1.79 | 0.82 | 3.19 | 5.15 | | |

| BASIN | METRIC (S.I.) | | | | | | STORM SEWER | |
|--------|----------------|-----------------------|-------------------------|---------------------|----------------------------|------------------------------|--------------------|---------------------------|
| | AREA (hectare) | Q-5 (m ³) | Q-100 (m ³) | Cum. Area (hectare) | Cum. Q-5 (m ³) | Cum. Q-100 (m ³) | INLET (length, mm) | PIPE (diameter, mm) |
| G | 0.322 | 0.087 | 0.141 | 0.806 | 0.219 | 0.353 | 3 400 mm | 950 mm x 600 mm |
| H | 0.260 | 0.071 | 0.114 | 0.561 | 0.152 | 0.246 | 3 400 mm | 850 mm x 550 mm |
| I | 0.484 | 0.131 | 0.212 | 0.484 | 0.131 | 0.212 | 3 400 mm | 750 mm x 475 mm |
| J | 0.301 | 0.082 | 0.132 | 0.301 | 0.082 | 0.132 | 3 400 mm | 750 mm x 475 mm |
| Outlet | - | - | - | - | 0.371 | 0.599 | - | Manhole 1 125 mm x 725 mm |
| K | 0.217 | 0.059 | 0.095 | 0.217 | 0.059 | 0.095 | 3 400 mm | 575 mm x 350 mm |
| L | 0.116 | 0.031 | 0.051 | 0.333 | 0.090 | 0.146 | 3 400 mm | 750 mm x 475 mm |



| | |
|--------------------|--|
| DATE | |
| BY | |
| REFERENCES NOTED | |
| REFERENCES CHECKED | |

SCALE
1:50

DRAINAGE MAPS
21ST STREET - MAIZE TO 119TH ST. W.

SRB 924 NORTH MAIN 316-264-8008
WICHITA, KANSAS 67203 FAX 316-264-8821
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ENGINEERING & SURVEYING

PROJECT NUMBER
472-83138

| | | | | | |
|-------|--------|--------|------------|---------|---------|
| DRAWN | DESIGN | REVIEW | DATE | UTILITY | SRB JOB |
| MWS | MWS | CMB | 01/29/2001 | | 1478T |

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