

| FLOODING SOURCE | | FLOODWAY | | | BASE FLOOD WATER SURFACE ELEVATION | | | |
|------------------------------------|-----------------------|--------------|----------------------------|---------------------------------|------------------------------------|------------------|-------|----------|
| CROSS SECTION | DISTANCE ¹ | WIDTH (FEET) | SECTION AREA (SQUARE FEET) | MEAN VELOCITY (FEET PER SECOND) | REGULATORY | WITHOUT FLOODWAY | | INCREASE |
| | | | | | | FEET (NAVD) | | |
| RED RIVER OF THE NORTH (CONTINUED) | | | | | | | | |
| CT | 345.87 | 1,593 | 18,466 | 0.8 | 910.5 | 910.5 | 911.2 | 0.7 |
| CU | 346.62 | 1,275 | 14,814 | 1.0 | 910.7 | 910.7 | 911.4 | 0.7 |
| CV | 347.48 | 1,522 | 18,243 | 1.0 | 911.0 | 911.0 | 911.7 | 0.7 |
| CW | 347.83 | 654 | 11,606 | 1.5 | 911.1 | 911.1 | 911.8 | 0.7 |
| CX | 347.87 | 686 | 10,593 | 1.7 | 911.2 | 911.2 | 911.9 | 0.7 |
| CY | 348.34 | 1,781 | 17,916 | 1.0 | 911.4 | 911.4 | 912.1 | 0.7 |
| CZ | 349.08 | 968 | 10,883 | 1.6 | 911.7 | 911.7 | 912.4 | 0.7 |
| DA | 349.47 | 2,327 | 21,501 | 0.8 | 911.9 | 911.9 | 912.6 | 0.7 |
| DB | 350.19 | 2,959 | 21,400 | 0.8 | 912.1 | 912.1 | 912.8 | 0.7 |
| DC | 350.85 | 1,220 | 12,084 | 1.2 | 912.3 | 912.3 | 913.0 | 0.7 |
| DD | 351.42 | 1,327 | 17,575 | 0.8 | 912.5 | 912.5 | 913.3 | 0.7 |
| DE | 351.90 | 1,364 | 14,747 | 1.0 | 912.8 | 912.8 | 913.6 | 0.8 |
| DF | 352.69 | 1,035 | 14,372 | 1.0 | 913.1 | 913.1 | 913.9 | 0.7 |
| DG | 353.05 | 702 | 12,790 | 1.1 | 913.2 | 913.2 | 914.0 | 0.7 |
| DH | 353.58 | 1,950 | 17,917 | 0.8 | 913.4 | 913.4 | 914.2 | 0.8 |
| DI | 354.43 | 1,509 | 18,229 | 0.8 | 913.7 | 913.7 | 914.4 | 0.7 |
| DJ | 355.72 | 1,707 | 15,338 | 0.9 | 914.1 | 914.1 | 914.7 | 0.7 |
| DK | 356.34 | 1,132 | 14,365 | 1.0 | 914.3 | 914.3 | 914.9 | 0.6 |
| DL | 357.15 | 1,050 | 9,326 | 1.5 | 915.1 | 915.1 | 915.8 | 0.7 |
| DM | 357.98 | 1,902 | 22,702 | 0.6 | 915.7 | 915.7 | 916.4 | 0.6 |
| DN | 359.20 | 1,465 | 25,569 | 0.6 | 915.9 | 915.9 | 916.6 | 0.7 |
| DO | 359.25 | 1,589 | 24,520 | 0.6 | 915.9 | 915.9 | 916.6 | 0.7 |
| DP | 359.68 | 785 | 12,540 | 1.1 | 916.0 | 916.0 | 916.7 | 0.7 |
| DQ | 360.05 | 613 | 10,318 | 1.4 | 916.1 | 916.1 | 916.8 | 0.7 |
| DR | 360.45 | 420 | 9,400 | 1.5 | 916.4 | 916.4 | 917.0 | 0.7 |
| DS | 361.11 | 740 | 13,023 | 1.1 | 916.9 | 916.9 | 917.5 | 0.6 |
| DT | 361.65 | 642 | 9,386 | 1.5 | 917.3 | 917.3 | 918.0 | 0.6 |

¹ Stream distance in miles above Mouth

TABLE 6

FEDERAL EMERGENCY MANAGEMENT AGENCY
CASS COUNTY, ND
 ALL JURISDICTIONS

FLOODWAY DATA

RED RIVER OF THE NORTH

Exhibit A