

EMERGENCY FLOOD CONTROL PLAN

THE FOLLOWING PLAN WILL BE FOLLOWED BY THE CITY OF DUBUQUE FOR EMERGENCY FLOOD PROTECTION.

THIS PLAN WAS FORMULATED BY THE CITY OF DUBUQUE AT STAFF MEETINGS HELD ON MARCH 6 AND MARCH 13, 1962.

A. EMERGENCY FLOOD CONTROL PLAN.

1. RIVER STAGE 14 FEET

THE PUMPS AT 12TH STREET RETAINING BASIN ARE PUT INTO OPERATION. THESE PUMPS ARE MAINTAINED AND OPERATED BY THE SEWAGE TREATMENT PLANT CREW.

2.A. RIVER STAGE 22 FEET.

WHEN A PREDICTION OF A RIVER STAGE OF 22 FEET IS RECEIVED, THE CITY OF DUBUQUE WILL BEGIN TO SANDBAG THE EIGHTH STREET SANDBAG LEVEE AS SHOWN ON PLAN, AS FIRST LINE OF DEFENSE FOR FLOOD NORTH OF EIGHTH STREET.

B. ALSO AT THIS TIME THE SECOND LINE OF DEFENSE WILL BE STARTED BY CONSTRUCTING A SANDBAG LEVEE ALONG 12TH STREET, AND ALL CATCH BASINS ALONG THE 11TH ST. STORM SEWER WILL BE SAND-BAGGED AND SEALED, AND SAND BAGGING WILL EXTEND TO AN ELEVATION ABOVE THE PREDICTED FLOOD STAGE.

C. FLUMES AND SANDBAGS SHALL BE CONSTRUCTED ON SANITARY LINES AND MANHOLES TO AFFORD PROTECTION FROM BACKING ONTO THE STREETS AT THE PREDICTED FLOOD STAGE. THESE SANITARY LINES WILL BE MAINLY THE ONES BETWEEN 8TH ST. AND 24TH ST. AND BETWEEN ELM ST. AND WHITE ST.

3.A. AT RIVER STAGE ABOVE 22 FEET.

ALL SAND BAG LEVEES, FLUMES AND SEALED UTILITIES WILL BE INCREASED IN WIDTH AND HEIGHT TO ASSURE PROTECTION TO A FLOOD STAGE OF 25 FEET.

B. ALL CITY UTILITIES WILL PROVIDE ADEQUATE PROTECTION FOR THEIR PHYSICAL PLANTS IN ORDER TO ASSURE CONTINUED OPERATION.

C. SAND BAG LEVEE WILL BE CONSTRUCTED AT DODGE AND BLUFF STREETS TO PROVIDE A CLEAR ROUTE FOR HIGHWAY TRAFFIC BETWEEN IOWA & ILLINOIS.

4.A. ORDERS FOR EVACUATION IN THE EFFECTED AREAS WILL BE ISSUED BY THE CITY. THESE ORDERS WILL BE ENFORCED AS DEEMED NECESSARY IN ACCORDANCE WITH THE PREDICTED FLOOD STAGES.

B. SAND BAG, LEVEE AND EMBANKMENT CONSTRUCTION MATERIALS & EQUIPMENT.

1. EIGHTH STREET LEVEE - FIRST LINE OF DEFENSE

RIVER STAGE	SAND	No. OF BAGS
22 FEET	700 CU.YD.	36,000

25 FEET	2,200 CU.YD.	110,000
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TWELFTH ST. - SECOND LINE OF DEFENSE

RIVER STAGE	SAND	No. OF BAGS
22 FEET	400 CU. YD.	26,000

25 FEET	1,250 CU.YD.	67,000
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THE ABOVE TOTALS INCLUDE ADEQUATE MATERIALS AND SUPPLIES FOR MANHOLE AND CATCH BASIN PROTECTION.

TOTAL BAGS REQUIRED FOR CITY USE:

RIVER STAGE	SAND	No. OF BAGS
22 FEET	1,100 CU.YD.	62,000
25 FEET	3,450 CU.YD.	177,000

2. IT SHALL BE THE POLICY OF THE CITY TO MAINTAIN A SUPPLY OF 25,000 BAGS ON A STAND-BY BASIS. ARRANGEMENTS SHALL BE COMPLETED FOR IMMEDIATE DELIVERY OF THE REMAINING NUMBER OF BAGS ON A CONSIGNMENT BASIS FROM PRIVATE SOURCES OR FROM FEDERAL, STATE OR CIVIL DEFENSE SUPPLY

3. IT WILL BE THE POLICY OF THE CITY TO SELL SAND BAGS TO PRIVATE COMPANIES AND CITIZENS OF DUBUQUE AT WHATEVER COST THE CITY MUST PAY FOR THE MATERIALS. IT IS RECOMMENDED THAT USERS OF LARGE AMOUNTS OF SAND BAGS MAKE THEIR OWN CONTRACT FOR THEIR NEEDS WITH THE SUPPLIERS IN ORDER TO ASSURE THEIR COMPANY OF THEIR REQUIREMENTS.

4. SAND SUPPLY. - THREE LOCATIONS FOR SAND SUPPLY HAVE BEEN CHOSEN. THEY ARE AS FOLLOWS:

(A) AREA A. WILL BE LOCATED ON THE SOUTH SIDE OF 16TH ST. BETWEEN SYCAMORE ST. AND KERPER BOULEVARD. THIS SAND SUPPLY OF APPROXIMATELY 19,500 CU. YDS. WILL BE RESERVED STRICTLY FOR USE BY THE CITY.

(B) AREA B. WILL BE LOCATED ON THE SOUTH SIDE OF 12TH ST. BETWEEN SYCAMORE ST. EXTENDED AND THE LEVEE ROAD. THIS SAND SUPPLY WILL BE USED TO SUPPLY ADDITIONAL CITY NEEDS AND PRIVATE NEEDS FOR SPOT USE.

(C) AREA C. WILL BE LOCATED ON THE WEST SIDE OF KERPER BOULEVARD DIRECTLY NORTH OF THE FENGLER STREET OVERPASS. THIS SAND SUPPLY WILL BE RESERVED FOR STRICTLY EMERGENCY USE IN CASE OF EXHAUSTED SUPPLY IN AREAS A & B.

~~ORDER'S FOR SAND SUPPLY IN THE ABOVE AREAS WILL BE ISSUED BY THE CITY. THESE ORDERS WILL BE ENFORCED AS DEEMED NECESSARY IN ACCORDANCE WITH THE ABOVE STATED FLOOD STAGES.~~

4.d. PERSONNEL FROM THE ENGINEERING DEPARTMENT WILL BE STATIONED AT THE LOCATION OF THE SAND SUPPLY SITES TO INSURE LOADING CONTROL AND DIRECT TRAFFIC. THE CITY WILL HAVE LOADING EQUIPMENT AVAILABLE AT AREA B TO LOAD TRUCKS FOR PRIVATE USE OF THE SAND IN ORDER TO ASSURE ORDERLY EXCAVATION AND LOADING CONTROL. ALL DESIGNATED AREAS WILL BE ROPED OR FENCED TO CONTROL LOADING FACILITIES AND LOCATION

e. IN CASE OF EXTREME EMERGENCY, AN UNLIMITED SOURCE OF SAND SUPPLY IS AVAILABLE DIRECTLY ACROSS THE WISCONSIN BRIDGE.

C. EMBANKMENT CONSTRUCTION AND LOADING EQUIPMENT

1. A HOPPER WILL BE CONSTRUCTED AND PLACED ON AREA A. TO FACILITATE THE LOADING OF SAND BAGS FOR THE CITY'S USE. THE HOPPER WILL BE CAPABLE OF LOADING SIX (6) SAND BAGS AT A TIME.
2. STREET DEPARTMENT TRUCKS, ENDLOADERS, AND VARIOUS OTHER EQUIPMENT ARE SUFFICIENT TO SUPPLY THE NEEDS FOR THE CITY'S REQUIREMENTS.
3. EQUIPMENT IN OTHER CITY DEPARTMENTS WILL BE ON A STAND-BY BASIS TO BE USED AS NEEDED OR REQUIRED FOR CITY WORK.
4. IF POSSIBLE, HIGH SCHOOL STUDENTS WILL BE USED ON A VOLUNTEER BASIS TO HELP LOAD AND FILL SANDBAGS. PARTICULAR ATTENTION WILL BE GIVEN TO THE METHOD OF INFORMING THE SCHOOLS OF THE EMERGENCY, INSURANCE COVERAGE, IF ANY, SECURING NAMES AND ADDRESS OF WORKERS, FEEDING WORKERS AND PLANNING A BANQUET AWARD AFTER THE EMERGENCY PERIOD.

D. PUMPING EQUIPMENT

1. EACH CITY DEPARTMENT WILL HAVE THEIR PUMPS AVAILABLE, AND HAVE THEM READY FOR OPERATION.

a. THE CITY HAS THE FOLLOWING PORTABLE PUMPING EQUIPMENT:

DOCK BOARD	2 1/2"
SEWAGE PLANT	4 "
STREET DEPT.	1 1/2" - 2" - 4"
WATER DEPT.	THREE 3" - THREE 2"
FIRE DEPT.	1 1/2 "

2. A LIST OF AVAILABLE PUMPS FROM EQUIPMENT SUPPLY COMPANIES WILL BE MADE READY TO INFORM THE PUBLIC AS TO WHERE EQUIPMENT CAN BE OBTAINED AND THE KIND AVAILABLE
3. ARRANGEMENTS WILL BE MADE WITH INTERSTATE POWER CO. TO HAVE ON CALL THE COMPANY'S MOBILE TRANSFORMER IN CASE OF FAILURE OF THE CITY'S TRANSFORMER AT THE RETAINING BASINS PUMP.

4. IT WILL BE THE POLICY OF THE CITY TO FURNISH NO PUMPS TO PRIVATE INDIVIDUALS OR COMPANIES.

E. TRANSPORTATION AND TRAFFIC.

1. ARRANGEMENTS FOR HALTING RAILROAD TRAFFIC WILL BE MADE WITH ALL RAILROADS CONCERNED, IN CASE IT BECOMES NECESSARY TO DIKE ACROSS THE TRACKS. DUBUQUE SHIPPERS WILL BE NOTIFIED OF ANY RAILROAD STOPPAGE, AND RAILROAD OFFICIALS SHALL NOTIFY THEIR CUSTOMERS OF ANY HALTING OF RAILROAD TRAFFIC.

2. COMMERCIAL TRUCK TRAFFIC

- A. A LIST OF THE COMMERCIAL TRUCK ROUTES WHICH WILL BE BLOCKED AT THE VARIOUS FLOOD STAGES SHALL BE PREPARED FOR PUBLIC USE.
- B. A LIST OF ALTERNATE TRUCKING ROUTES WILL BE LAID OUT AND REPORTED FOR PUBLIC USE.
- C. COMMERCIAL CARRIERS, SUCH AS BUS COMPANIES, TAXI COMPANIES, ETS., SHALL BE NOTIFIED AS TO ALTERNATE PASSENGER ROUTES.
- D. ARRANGEMENT WILL BE MADE THAT ALL EMERGENCY SIGN MATERIAL, BARRICADES, AND PARKING CONTROL DEVICES ARE AVAILABLE AND ON HAND.

3. PASSENGER VEHICULAR TRAFFIC.

- A. THE POLICE DEPARTMENT SHALL ARRANGE A PLAN TO STOP ALL VEHICULAR TRAFFIC AND PARKING IN THE FLOODED AREAS WITH THE EXCEPTION OF EMERGENCY VEHICLES.
- B. A PLAN WILL BE AFFECTED FOR KEEPING SIGHT-SEEING TRAFFICE OUT OF THE FLOOD AREA. SUCH A PLAN WILL BE FOR THE PURPOSE OF MAKING A CLEAR AND UNOBSTRUCTED ROUTE-TO-WORK AREAS AVAILABLE FOR EMERGENCY AND AUTHORIZED VEHICLES.
- C. NO VEHICULAR TRAFFIC WILL BE PERMITTED ON A FLOODED STREET. ALL AUTHORIZED EMERGENCY WORK AND OFFICIAL VEHICLES PERMITTED IN THE FLOOD AREAS WILL BE ISSUED PROPER IDENTIFICATION STICKERS..

F. RIVERFRONT AND BOAT TRAFFIC.

1. THE CONTROL AND PREVENTION OF ALL UNNECESSARY PLEASURE CRAFT OPERATING IN THE FLOODED AREAS SHALL BE STRICTLY ENFORCED.
2. FULL COOPERATION OF THE U.S. COAST GUARD, COAST GUARD AUXILIARY, AND THE DUBUQUE BOAT CLUB HAVE BEEN ASSURED FOR RESCUE WORK AND RIVER TRAFFIC CONTROL.
3. THE U.S. COAST GUARD WILL ISSUE ORDERS TO TOWBOATS FOR SLOW SPEED PAST THE CITY.