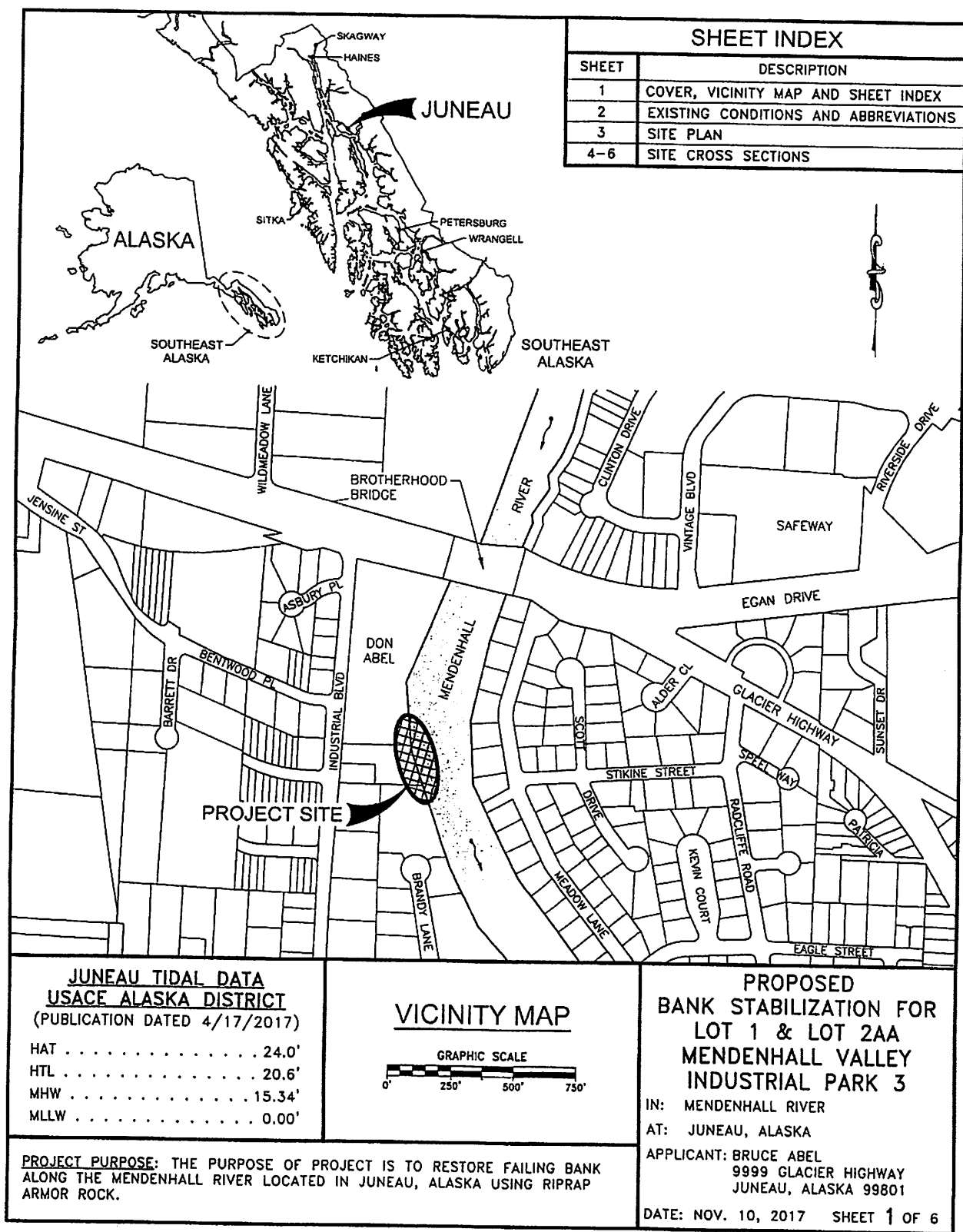
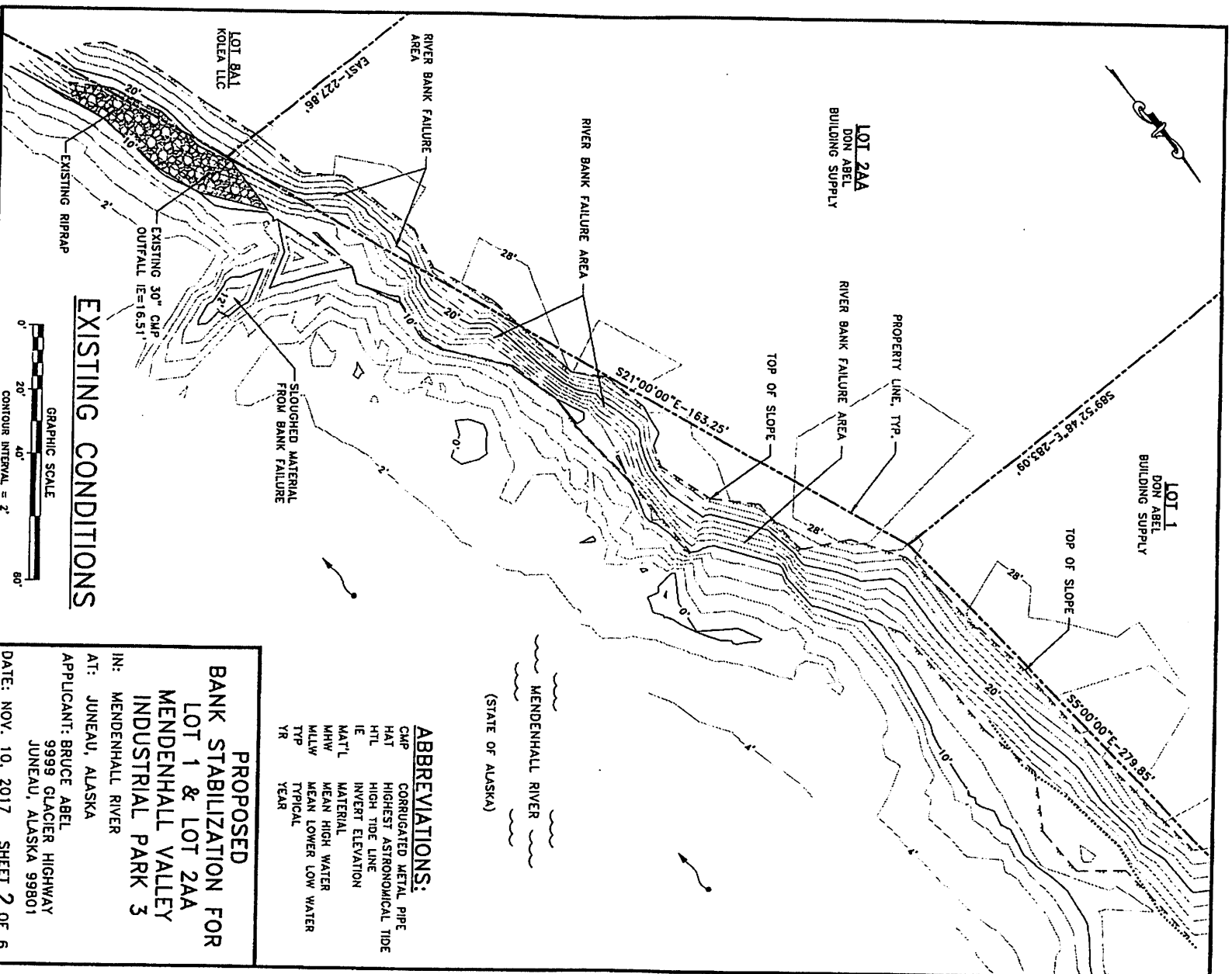
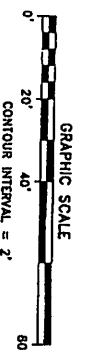






# EXISTING CONDITIONS



**ABBREVIATIONS:**

|       |                           |
|-------|---------------------------|
| CMP   | CORRUGATED METAL PIPE     |
| HAT   | HIGHEST ASTRONOMICAL TIDE |
| HTL   | HIGH TIDE LINE            |
| IE    | INVERT ELEVATION          |
| MAT'L | MATERIAL                  |
| MHW   | MEAN HIGH WATER           |
| MLLW  | MEAN LOWER LOW WATER      |
| TYP   | TYPICAL                   |
| YR    | YEAR                      |

(STATE OF ALASKA)

MENDENHALL RIVER

## PROPOSED

BANK STABILIZATION FOR  
LOT 1 & LOT 2AA  
MENDENHALL VALLEY  
INDUSTRIAL PARK 3

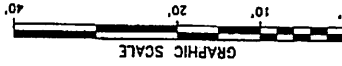
IN: MENDENHALL RIVER  
AT: JUNEAU, ALASKA  
APPLICANT: BRUCE ABEL  
9999 GLACIER HIGHWAY  
JUNEAU, ALASKA 99801

DATE: NOV. 10, 2017 SHEET 2 OF 6

PDC No.: 17306JN



PROPOSED  
 BANK STABILIZATION FOR  
 LOT 1 & LOT 2AA  
 MENDENHALL VALLEY  
 INDUSTRIAL PARK 3  
 IN: MENDENHALL RIVER  
 AT: JUNEAU, ALASKA  
 APPLICANT: BRUCE ABEL  
 9999 GLACIER HIGHWAY  
 JUNEAU, ALASKA 99801  
 DATE: NOV. 10, 2017 SHEET 4 OF 6  
 PDC No.: 17306JN

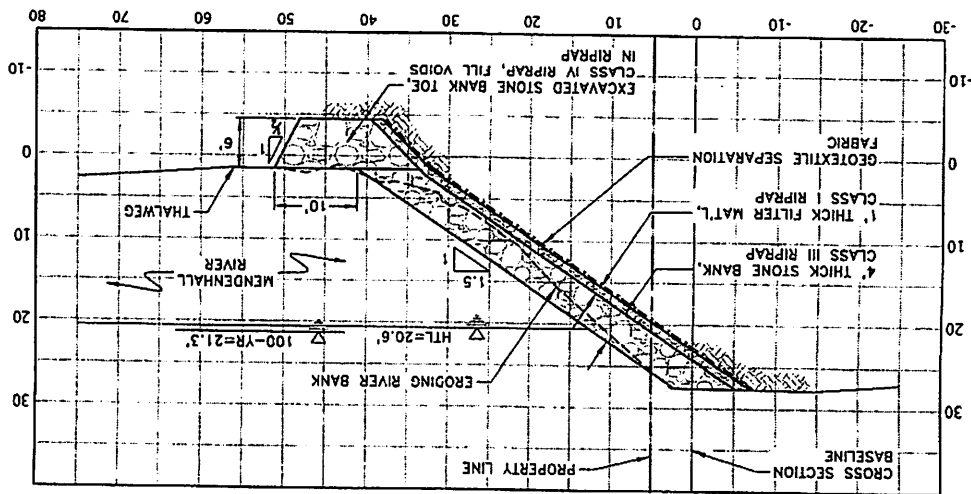


## CROSS SECTIONS

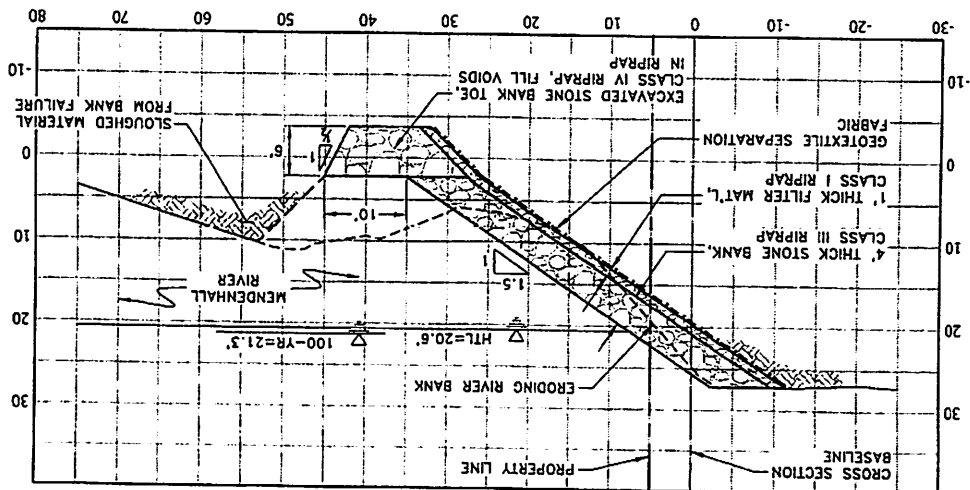
ELEVATIONS BASED ON USGS  
 AND FLOOD PROFILES OF THE  
 MENDENHALL RIVER, JUNEAU,  
 ALASKA. WATER RESOURCES  
 INVESTIGATION REPORT  
 99-4150

| FLOOD ELEVATION TABLE |       |
|-----------------------|-------|
| 100 YEAR EL:          | 21.3' |
| 50 YEAR EL:           | 21.1' |
| 25 YEAR EL:           | 20.9' |
| 10 YEAR EL:           | 20.7' |
| 2 YEAR EL:            | 20.3' |

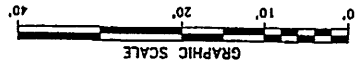
② SECTION - STA.10+80



① SECTION - STA.10+20



PROPOSED  
 BANK STABILIZATION FOR  
 LOT 1 & LOT 2AA  
 MENDENHALL VALLEY  
 INDUSTRIAL PARK 3  
 IN: MENDENHALL RIVER  
 AT: JUNEAU, ALASKA  
 APPLICANT: BRUCE ABEL  
 9999 GLACIER HIGHWAY  
 JUNEAU, ALASKA 99801  
 DATE: NOV. 10, 2017 SHEET 5 OF 6  
 PDC No.: 17306JN

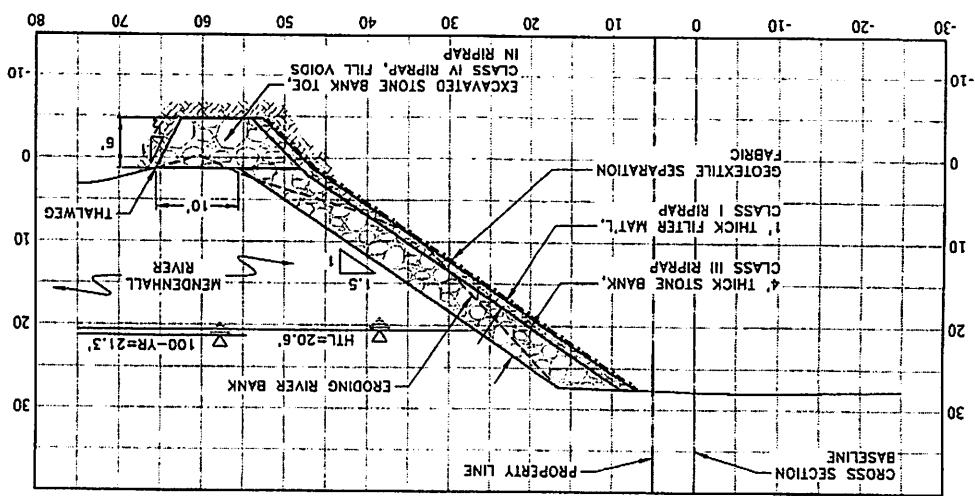


# CROSS SECTIONS

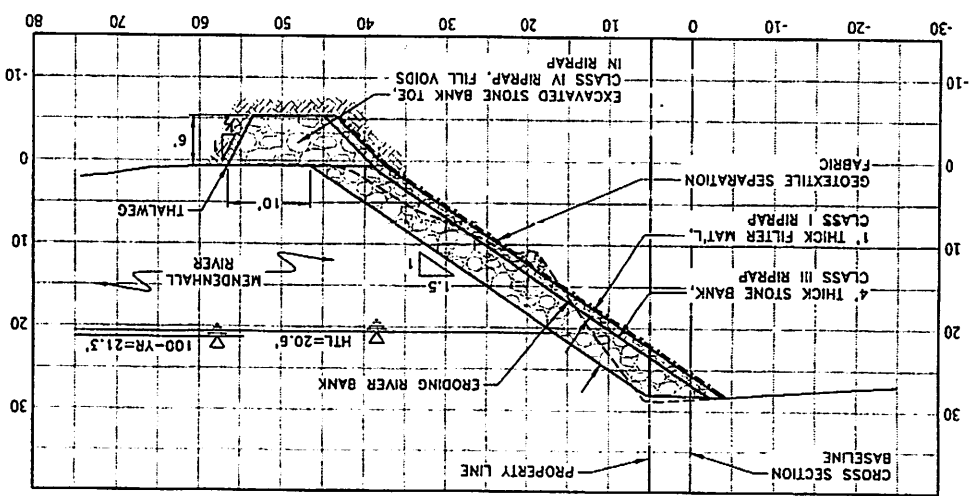
ELEVATIONS BASED ON USGS  
 HYDROLOGY, GEOMORPHOLOGY  
 AND FLOOD PROFILES OF THE  
 MENDENHALL RIVER, JUNEAU,  
 ALASKA, WATER RESOURCES  
 INVESTIGATION REPORT  
 99-4150

| FLOOD ELEVATION TABLE |       |
|-----------------------|-------|
| 100 YEAR EL.          | 21.3' |
| 50 YEAR EL.           | 21.1' |
| 25 YEAR EL.           | 20.9' |
| 10 YEAR EL.           | 20.7' |
| 2 YEAR EL.            | 20.3' |

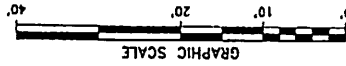
SECTION - STA.12+00



SECTION - STA.11+40



PROPOSED  
 BANK STABILIZATION FOR  
 LOT 1 & LOT 2AA  
 MENDENHALL VALLEY  
 INDUSTRIAL PARK 3  
 IN: MENDENHALL RIVER  
 AT: JUNEAU, ALASKA  
 APPLICANT: BRUCE ABEL  
 9999 GLACIER HIGHWAY  
 JUNEAU, ALASKA 99801  
 DATE: NOV. 10, 2017 SHEET 6 OF 6  
 PDC No.: 17306JN

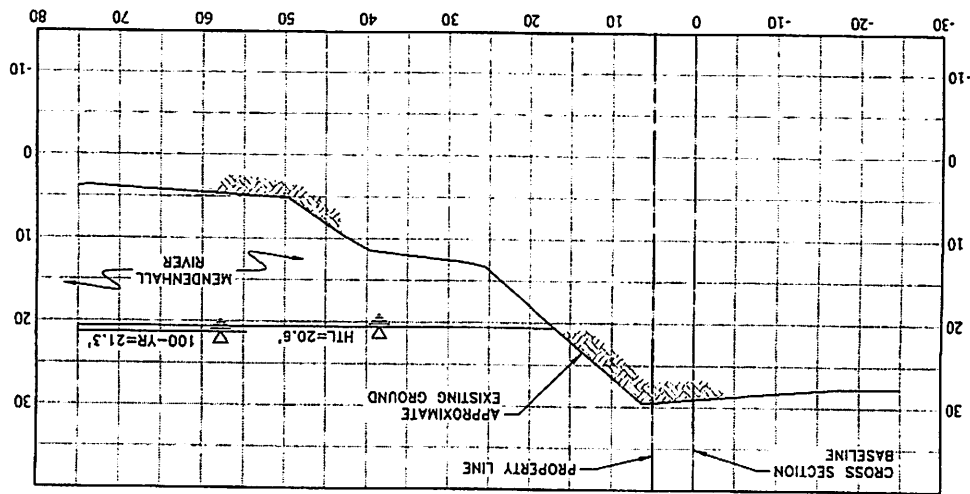


## CROSS SECTIONS

ELEVATIONS BASED ON USGS  
 AND FLOOD PROFILES OF THE  
 MENDENHALL RIVER, JUNEAU,  
 ALASKA, WATER RESOURCES  
 INVESTIGATION REPORT  
 99-4150

| FLOOD ELEVATION TABLE |       |
|-----------------------|-------|
| 100 YEAR EL:          | 21.3' |
| 50 YEAR EL:           | 21.1' |
| 25 YEAR EL:           | 20.9' |
| 10 YEAR EL:           | 20.7' |
| 2 YEAR EL:            | 20.3' |

⑥ SECTION - STA.13+00



⑤ SECTION - STA.12+60

