



- LEGEND**
- STURGIS CORPORATE LIMITS - AUG 2006
 - BFE CONTOUR
 - STREAM FLOWPATH
 - HEC-RAS CROSS SECTION LOCATIONS
 - BANK STATIONS
 - AE
 - FLOODWAY
 - AO (1 FT)
 - AO (2 FT)
 - AO (3 FT)
 - NONE
 - X
 - FEMA Q3 ZONE X500
 - FEMA Q3 ZONE A
 - INDEX CONTOUR
 - INTERMEDIATE CONTOUR

APPROXIMATELY 200 CFS FLOWS NORTH IN THIRD ST STORM SEWER. 1% CHANCE FLOW ALONG DOLAN CREEK REDUCED TO 1400 CFS.

NO LETTERED CROSS SECTIONS PROVIDED FROM HERE TO BEAR BUTTE CREEK DUE TO FLOW BEING CONTAINED PRIMARILY WITHIN THE STREET NETWORK.

SMALL AMOUNT OF 1% CHANCE FLOW REMOVED BY STORM SEWER. FLOW IS REMOVED FROM SYSTEM AND TRANSPORTED IN HOWARD STREET STORM SEWER TO DEADMAN GULCH. THIS ADDITIONAL FLOW TO DEADMAN GULCH IS ASSUMED NEGLIGIBLE AND THEREFORE NOT ADDED TO DEADMAN GULCH FLOW.

THE 1982 FLOOD INSURANCE STUDY AND ASSOCIATED FIRM STATE THAT THE 0.2% CHANCE FLOOD IS CONTAINED WITHIN THE DEADMAN GULCH FLUME. THIS STATEMENT IS INCORRECT. WITHIN THE DEADMAN GULCH O&M MANUAL IT STATES THAT THE MAXIMUM CAPACITY OF THE FLUME UNDER WELL MAINTAINED CONDITIONS IS 140-YEAR CAPACITY. THEREFORE, THE 0.2% CHANCE FLOOD IS SHOWN AS ZONE X. THE ZONE X DELINEATION WAS COMPLETED USING TOPOGRAPHIC METHODS ONLY. THE DEADMAN GULCH MODEL(S) DO NOT SHOW THE FULL EXTENT OF THE ANTICIPATED INUNDATED AREA.

REVISED SOUTH DOLAN CREEK FLOODWAY (JAN 07). ORIGINAL (OCT 2006) DELINEATION WAS INCORRECT FOR THIS TRIBUTARY.

DIGITAL ORTHOQUADRANGLE OBTAINED FROM THE SOUTH DAKOTA GEOLOGICAL SURVEY. PHOTO DATE: AUGUST 2004. TOPO DATE: NOVEMBER 2001.

ALL DATA SHOWN IS UTM ZONE 13, NORTH AMERICAN DATUM 1983 (NAD83). ELEVATIONS ARE REFERENCED TO THE NATIONAL GEODETIC VERTICAL DATUM OF 1929 (NGVD29).

CORPORATE LIMITS WERE OBTAINED FROM MEADE COUNTY GIS IN AUGUST 2006. LIMITS ARE SUBJECT TO CHANGE WITHOUT NOTICE.

FINAL SUBMITTAL

EXHIBIT 6
STURGIS, SOUTH DAKOTA (460055)
DOLAN CREEK
UPSTREAM LIMITS TO
MAIN STREET
WORK MAP W/ DELINEATIONS
OCTOBER 2006 (REV'D 1/25/07)



PREPARED BY: DMM DATE PREPARED: 10-1-06