

- INDEX**
- 1- TITLE SHEET
  - 2- TYPICAL SECTION
  - 3-4- QUANTITY SHEETS
  - 5- ITEM DETAIL AND DRAINAGE SHEET
  - 6- EARTHWORKS SHEET
  - 7- PLAN SHEET
  - 8- PROFILE SHEET
  - 9-10- CATTLEPASS PRELIMINARY INFORMATION SHEETS
  - 11-16 U.S. ROUTE 2 CROSS SECTIONS
  - 17-22 DETOUR DETAIL AND CROSS SECTIONS

STATE OF VERMONT  
AGENCY OF TRANSPORTATION

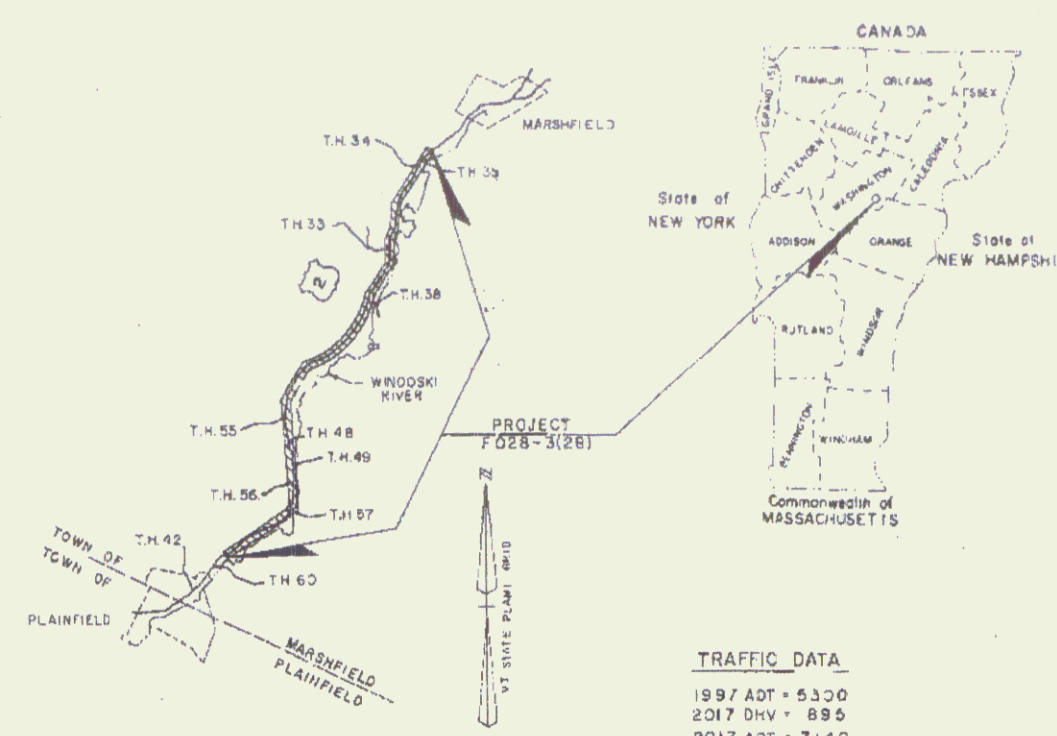


PROPOSED IMPROVEMENT  
**TOWN OF MARSHFIELD**  
COUNTY OF WASHINGTON  
**U.S. ROUTE 2 (F.A.P.)**  
PRINCIPAL ARTERIAL HIGHWAY

BEGINNING AT A POINT ON U.S. ROUTE 2 APPROXIMATELY 0.64 MILES  
NORTHEAST OF THE PLAINFIELD - MARSHFIELD TOWN LINE AND EXTENDING IN  
AN NORTHEASTERLY DIRECTION APPROXIMATELY 4.943 MILES.

LENGTH OF ROADWAY 25,101.02 FEET OR 4.943 MILES  
LENGTH OF PROJECT 23,101.02 FEET OR 4.943 MILES

PROJECT INVOLVES RECONSTRUCTION AND WIDENING OF A  
PORTION OF U.S. ROUTE 2, INCLUDING GRADING, DRAINAGE,  
SUBBASE, PAVEMENT AND RELATED WORK.



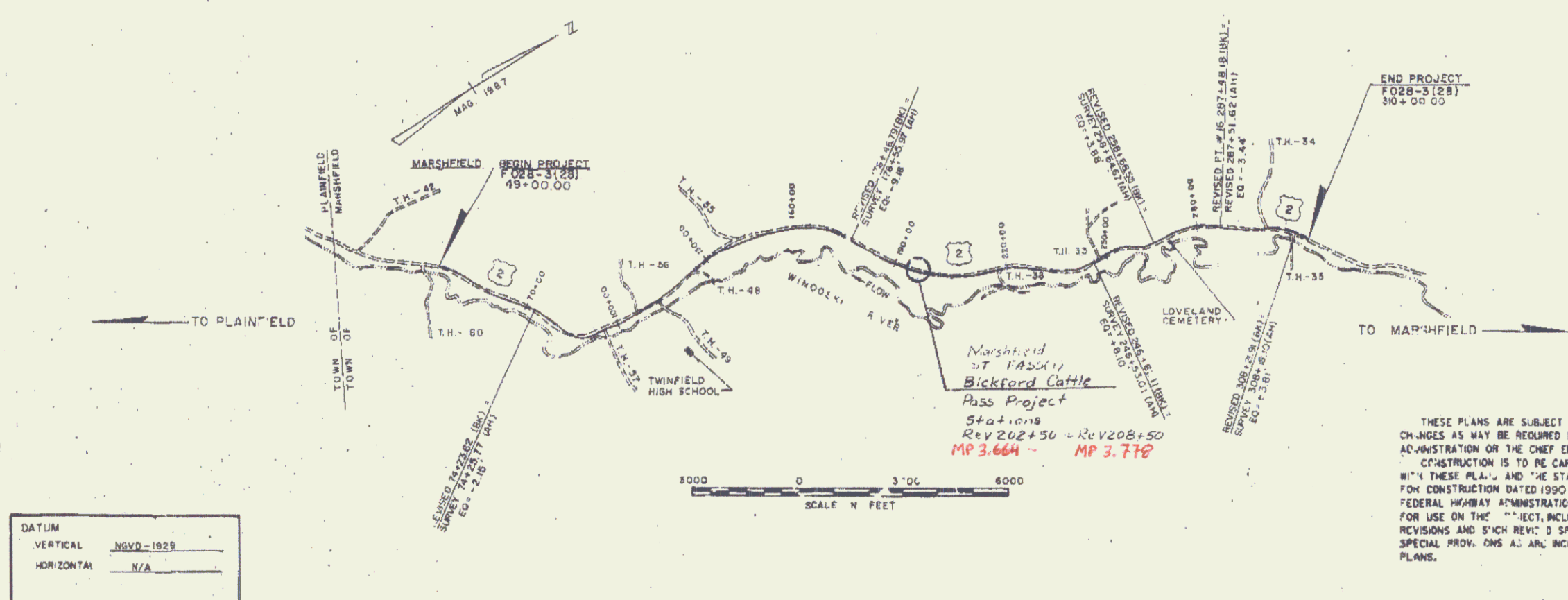
**TRAFFIC DATA**

1997 ADT	5300
2017 DNV	885
2017 ADT	7140

D = 61%  
T = 9%  
V = 50 mph

ESAL  
(1997-2017) 7,060,000

- CONVENTIONAL SIGNS**
- COUNTY LINE
  - TOWN LINE
  - LIMITS OF ACCESS
  - POINT OF ACCESS
  - FENCE LINE
  - STONE WALL
  - TRAVELED WAY
  - GUARD RAIL
  - RAILROAD
  - SURVEY LINE
  - CULVERT
  - POWER POLE
  - TELEPHONE POLE
  - TREES
  - CONTROL OF ACCESS
  - PROPERTY LINE
  - ROW TAKING LINE
  - SLOPE RIGHTS
  - TOP OF CUT
  - TOE OF SLOPE



**DATUM**

VERTICAL	NGVD-1929
HORIZONTAL	N/A

3000 0 3000 6000  
SCALE IN FEET

THESE PLANS ARE SUBJECT TO SUCH ENGINEERING  
CHANGES AS MAY BE REQUIRED BY THE FEDERAL HIGHWAY  
ADMINISTRATION OR THE CHIEF ENGINEER.  
CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE  
WITH THESE PLANS AND THE STANDARD SPECIFICATIONS  
FOR CONSTRUCTION DATED 1990 AS APPROVED BY THE  
FEDERAL HIGHWAY ADMINISTRATION ON MARCH 15, 1990  
FOR USE ON THE PROJECT, INCLUDING ALL SUBSEQUENT  
REVISIONS AND SUCH REVISED SPECIFICATIONS AND  
SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE  
PLANS.

Pin # 78D079  
Project F 028-3(28)  
Date 8/22/1996

APPROVED	DIRECTOR OF ENGINEERING	DATE
DEPARTMENT OF TRANSPORTATION FEDERAL HIGHWAY ADMINISTRATION		
APPROVED	DIVISION ADMINISTRATOR	DATE
PROJECT NO.	Marshfield ST PASS Cattlepass Project	
SHEET	1 OF 22 SHEETS	

STATE OF VERMONT  
AGENCY OF TRANSPORTATION  
RIGHT-OF-WAY PLANS  
DETAIL SHEET

TABLE OF PROJECT PROPERTY ACQUISITION

PARCEL NO.	GRANTOR	SHEET NO.	BEGINNING STATION	ENDING STATION	TAKING	REM.	RIGHTS	TITLE TAKEN	DATE	TOWN OR CITY RECORDED	BK.	PG.	REMARKS		
1A	BICKFORD, CHARLES E. & BARBARA A.	2	204+50 LT.	205+00 RT.			INSTALL & MAINTAIN (P)	WDOE	8-22-96	MARSHFIELD	48	419	CATTLEPASS & APPURTENANCES		
			204+50 LT.	205+33 LT.			CUL. (P)								
			203+50 LT.	204+50 LT.			DIT. (P)								
			202+82 LT.	208+50 LT.			REMOVE & RESET (T)								GATE & FENCE 2 WAY
			203+00 LT.	208+50 LT.			DETOUR (T) 0.42A±								
1B		2	203+25 RT.	208+30 RT.			SLOPE (T) 0.29A±						SILT FENCE		
			204+00 RT.	208+50 RT.			INSTALL (T)							ELECTRIC FENCE	
			205+33 RT.				CUL., DIT., & DR. (P)								
			203+20 RT.				REMOVE & RESET (T)								
ALL STAS. ABOVE ARE REV.															

TABLE OF REVISIONS

REVISION NO.	SHEET NO.	DESCRIPTION OF REVISION	DATE	MADE BY	APPROVED BY

MADE BY: JDP & FJM DATE 8-19-96  
CHECKED BY: LWB DATE 8-19-96

DR. RT. - DRAINAGE RIGHT  
DIT. RT. - DITCHING RIGHT  
CH. RT. - CHANNEL RIGHT  
DRIVE RT. - DRIVE RIGHT  
CUL. RT. - CULVERT RIGHT  
D - DEMOLITION OR REMOVAL  
W - WATER SOURCES

PRESENT R.O.W.  
TAKING WITHOUT ACCESS  
TAKING WITHOUT ACCESS ALONG PROPERTY LINES  
TAKING WITH ACCESS  
(P) PERMANENT EASEMENT  
(T) TEMPORARY EASEMENT

LEGEND  
CONST. EASE - CONST. EASEMENT  
SR - SR - SLOPE RIGHTS  
P - L - PROPERTY LINE  
Δ - Δ - TOP OF CUT  
O - O - TOE OF SLOPE

APPROVED *[Signature]* DATE 8-20-96  
CHIEF OF PLANS & TITLES

U.S. ROUTE 2 MARSHFIELD  
BICKFORD CATTLEPASS PROJECT  
NO. FECC F028-3 (28)  
SHEET 1 OF 2

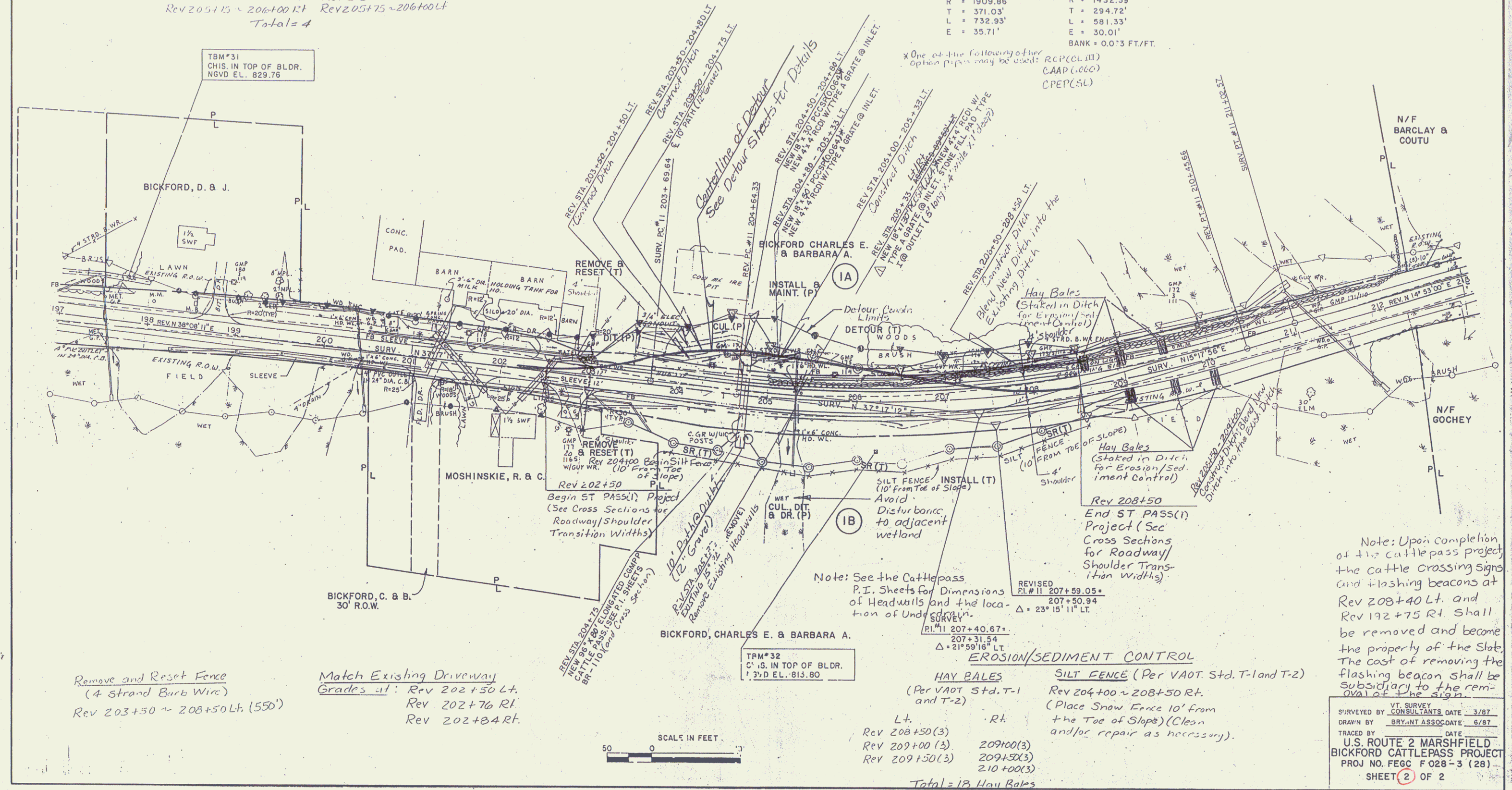
Steel Beam Guard Rail (w/Steel Posts)  
 Rev 203+75 ~ 205+75 Rt. (200')  
 Rev 203+75 ~ 205+75 Lt. (200')  
 Total = 400'

REMOVAL & DISPOSAL OF GUARD RAIL  
 REV. STA. 204+00 - 205+69 RT (170')

DATE	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
1	VT		19		

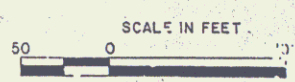
Modified Eccentric Load Terminal (MELT)  
 Rev 203+50 ~ 203+75 Rt. Rev 203+50 ~ 203+75 Lt.  
 Rev 205+15 ~ 206+100 Lt. Rev 205+75 ~ 206+100 Lt.  
 Total = 4

SURVEY CURVE DATA #11		REV CURVE DATA #11	
Δ	21°59'16" LT.	Δ	23°15'11" LT.
D	3°00'00"	D	4°00'00"
R	1909.86'	R	1432.33'
T	371.03'	T	294.72'
L	732.93'	L	581.33'
E	35.71'	E	30.01'
BANK = 0.0'3 FT./FT.			



Remove and Reset Fence  
 (4 Strand Barb Wire)  
 Rev 203+50 ~ 208+50 Lt. (550')

Match Existing Driveway  
 Grades at: Rev 202+50 Lt.  
 Rev 202+76 Rt.  
 Rev 202+84 Rt.



Note: See the Cattlepass  
 P.I. Sheets for Dimensions  
 of Headwalls and the loca-  
 tion of Underdrains.

EROSION/SEDIMENT CONTROL

HAY BALES		SILT FENCE (Per VAOT. Std. T-1 and T-2)	
(Per VAOT. Std. T-1 and T-2)		Rev 204+00 ~ 208+50 Rt. (Place Snow Fence 10' from the Toe of Slope) (Clean and/or repair as necessary).	
Lt.	Rt.		
Rev 208+50 (3)	209+00 (3)		
Rev 209+00 (3)	209+50 (3)		
Rev 209+50 (3)	210+00 (3)		
Total = 18 Hay Bales			

Note: Upon completion of the cattlepass project the cattle crossing signs and flashing beacons at Rev 208+40 Lt. and Rev 192+75 Rt. shall be removed and become the property of the State. The cost of removing the flashing beacon shall be subsidiary to the removal of the sign.

VT SURVEY  
 CONSULTANTS DATE 3/87  
 DRAWN BY BRYANT ASSOCIATE 6/87  
 TRACED BY DATE  
 U.S. ROUTE 2 MARSHFIELD  
 BICKFORD CATTLEPASS PROJECT  
 PROJ. NO. FECC F 028-3 (28)  
 SHEET 2 OF 2