

BORROW REQUIREMENTS				
WHERE REQUIRED STA. TO STA.	AMOUNT REQUIRED	AMOUNT AVAILABLE	SOILS SERIES	PIT LOCATION

GOGEBIC COUNTY ROAD COMMISSION
 IN CO-OPERATION WITH
MICHIGAN STATE HIGHWAY DEPARTMENT
 AND
BUREAU OF PUBLIC ROADS
 PLAN AND PROFILE OF PROPOSED

THE IMPROVEMENTS COVERED BY THESE PLANS SHALL BE DONE IN ACCORDANCE WITH THE MICHIGAN STATE HIGHWAY DEPARTMENT CURRENT STANDARD SPECIFICATIONS AND SUPPLEMENTAL SPECIFICATIONS.

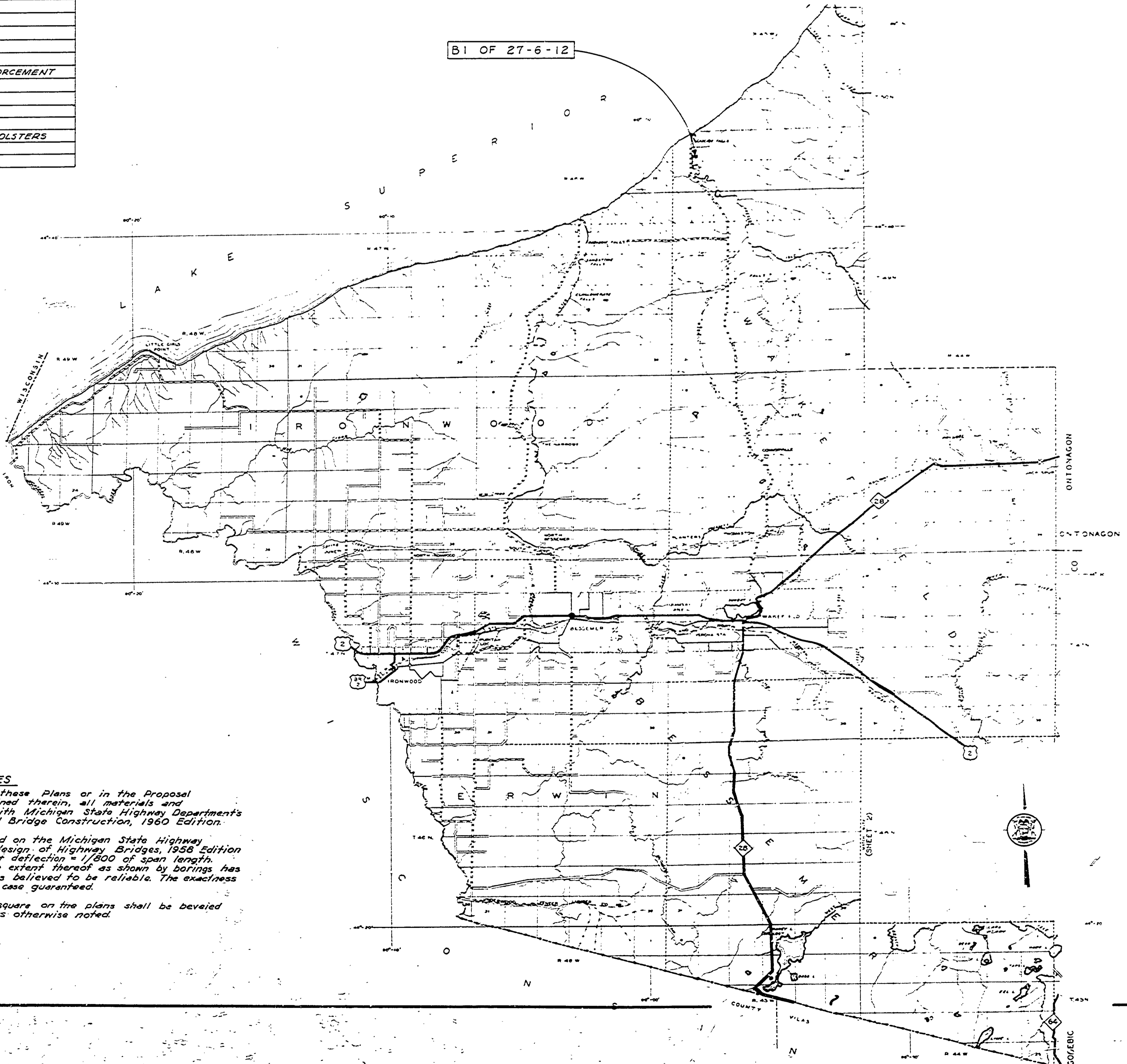
S.P.R. DIV. NO.	STATE	FED. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	MICH	S	C	1	10

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4	MICH	S	C	1	10

NOTE: PROVISIONS WILL BE MADE FOR CONTROL OF EROSION ON SHOULDERS AND SLOPES BY MEANS OF SEEDING, SODDING, OR OTHER ACCEPTABLE METHODS, EITHER AS A PART OF THIS CONTRACT, OR TO BE DONE BY THE COUNTY UPON COMPLETION OF THE CONTRACT WORK.

FEDERAL AID SECONDARY PROJECT No. MICHIGAN S1040(4)

PLAN INDEX	
SHEET NO.	DESCRIPTION
1	COVER SHEET
2	GENERAL PLAN OF SITE
3	GENERAL PLAN OF STRUCTURE
4	ABUTMENT A DETAILS
5	ABUTMENT B DETAILS
6	PIER DETAILS
7	SUPERSTRUCTURE DETAILS
8	SUPERSTRUCTURE DETAILS
9	SUPERSTRUCTURE DETAILS
10	BILL OF MATERIALS & STEEL REINFORCEMENT
STANDARD PLANS	
RION	DRAIN CASTINGS
	RAILING, BAR CHAIRS, & BEAM BOLSTERS



GENERAL NOTES

Except where otherwise indicated on these Plans or in the Proposal and Supplemental Specifications contained therein, all materials and workmanship shall be in accordance with Michigan State Highway Department's Standard Specifications for Road and Bridge Construction, 1960 Edition.

The design of this structure is based on the Michigan State Highway Department's Specifications for the design of Highway Bridges, 1958 Edition 415-44 loading. Live load plus impact deflection = 1/800 of span length. The character of all materials and the extent thereof as shown by borings has been obtained by methods and sources believed to be reliable. The exactness of this information is, however, in no case guaranteed.

All exposed concrete corners shown square on the plans shall be beveled with 2" triangular moldings except as otherwise noted.

CONTRACT FOR BRIDGE BI OF 27-6-12

COUNTY APPROVAL
BOARD OF COUNTY ROAD COMMISSIONERS

BY _____ DATE _____

BY *Ray Bechell* DATE _____

BY *Robert Schick* DATE _____

BY *Edward J. Maguire* DATE _____

STATE HIGHWAY DEPARTMENT APPROVAL

APPROVED _____ JOHN C. MACKIE
COMMISSIONER

BY *John C. Mackie* DATE _____

CONTRACT FOR _____

COUNTY APPROVAL
BOARD OF COUNTY ROAD COMMISSIONERS

BY _____ DATE _____

BY *Ray Bechell* DATE _____

BY *Robert Schick* DATE _____

BY *Edward J. Maguire* DATE _____

BRIDGE DIVISION APPROVAL

RECOMMENDED FOR APPROVAL _____ ENGINEER OF BRIDGE DESIGN DATE _____

APPROVED _____ BRIDGE ENGINEER DATE _____

STATE HIGHWAY DEPARTMENT APPROVAL

APPROVED _____ JOHN C. MACKIE
COMMISSIONER

BY _____ DATE _____

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

APPROVED _____

DISTRICT ENGINEER DATE _____

FILE NO.	STATE PROJECT	FEDERAL PROJECT	SHEET NO.
BI OF 27-6-12	S	C	1

Gogebic Co. CS BI of 27-6-12 S1040(4)