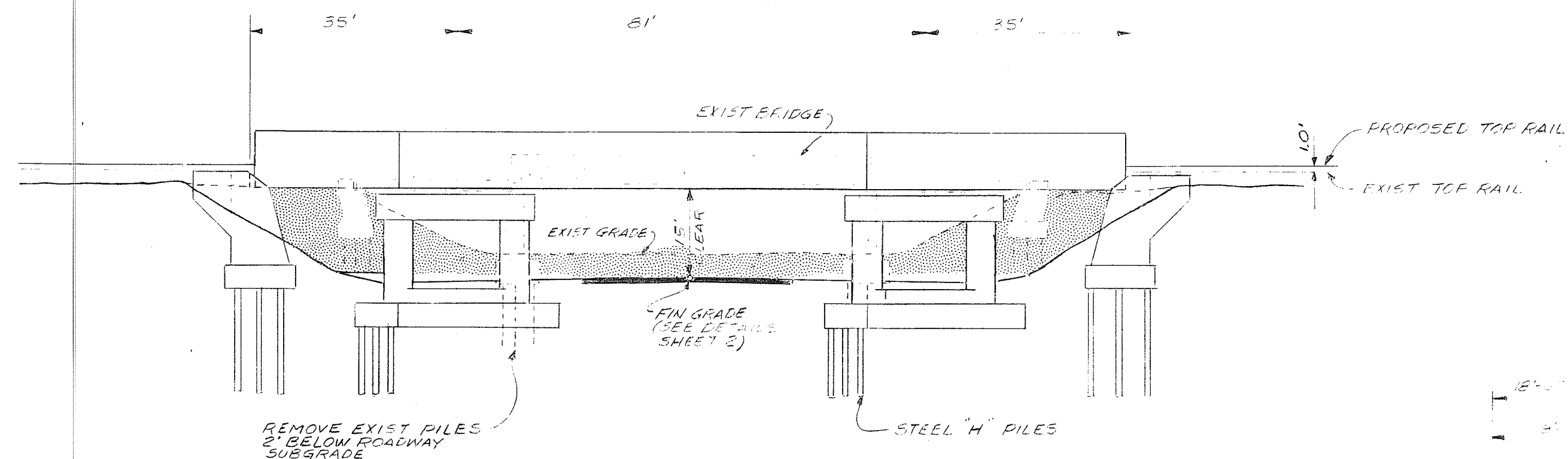


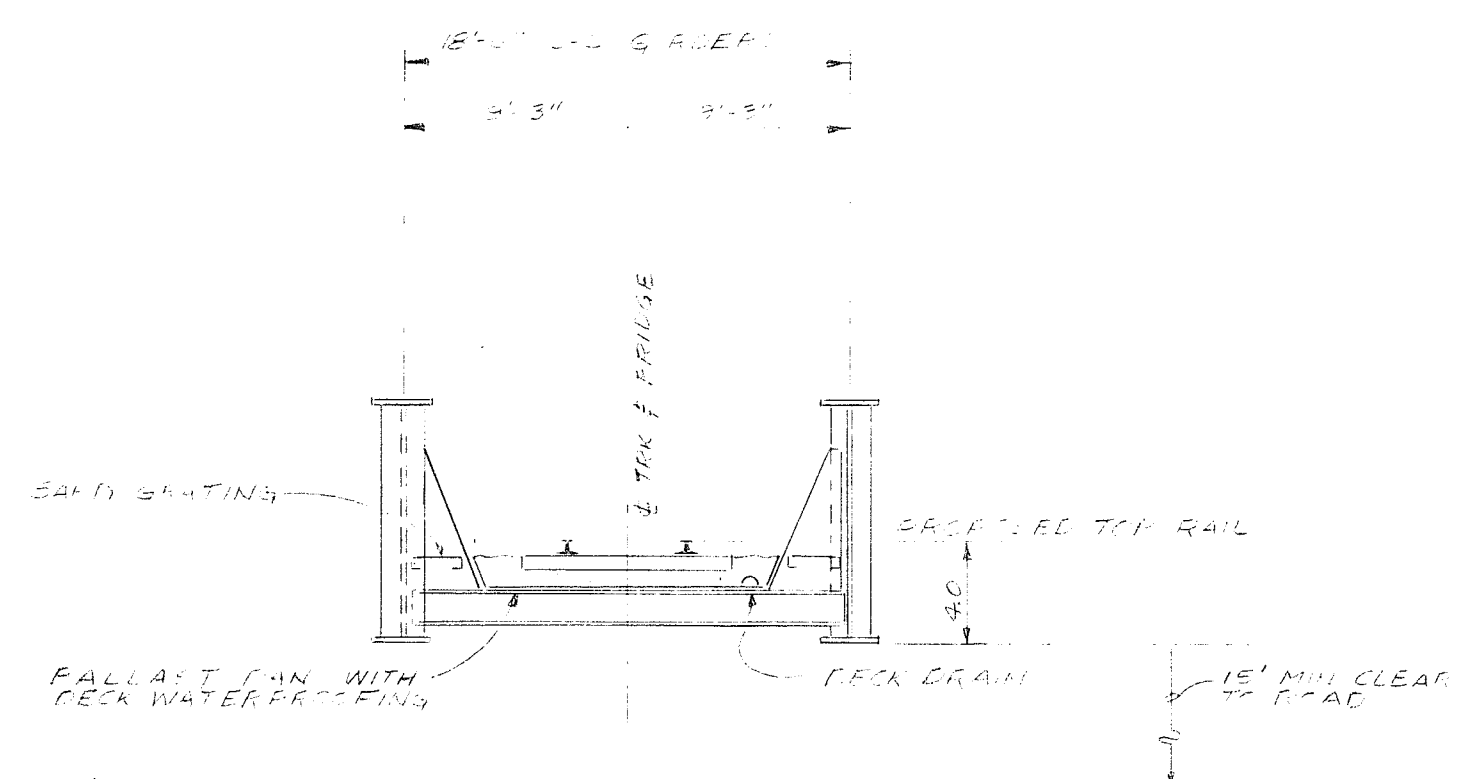
This engineering plan view details the paving and layout of East Main Street. The plan includes the following elements:

- Paving Courses:**
 - 1. 0.15" ASPHALT CONCRETE (WEARING COURSE)
 - 2. 0.20" " " " (LEVELING " ")
 - 3. 0.80" CEMENTED SURFACING TOP COURSE
 - 4. COMPACTED SUBGRADE
 - 5. 0.15" CEMENTED SURFACING TO COURSE
- Property Owners:** RAYMOND J. MACDONALD W.N. JACKSON, CHARLES M. BAILEY, DONALD N. PEDERSON, HARRY OXFORD JR., WARREN BAILEY.
- Streets and Features:** EAST MAIN STREET, AXTON ROAD, BURLINGTON NORTHERN RAILROAD, ADVANDER ROAD, FERNDALE WISE SPUR, TOWN OF FERNDALE, LOT 2, LOT 5, SE 4 NW 4, NE 4 NW 4.
- Other Labels:** MOBIL OIL CO., TO TIDE GATE & FINE HOUSE & NOOKS & RIVER, B.N. BRIDGE 63.5, 2033+71.50, 450' R, 40', 41', 42', 43', 44', 1/16" LINE, 30', 20', 45', 50', 50', 45'.
- Typical Roadway Section:** A cross-section diagram showing the proposed course, future course, and existing conditions, including a 10' wide shoulder and a 10' wide base.

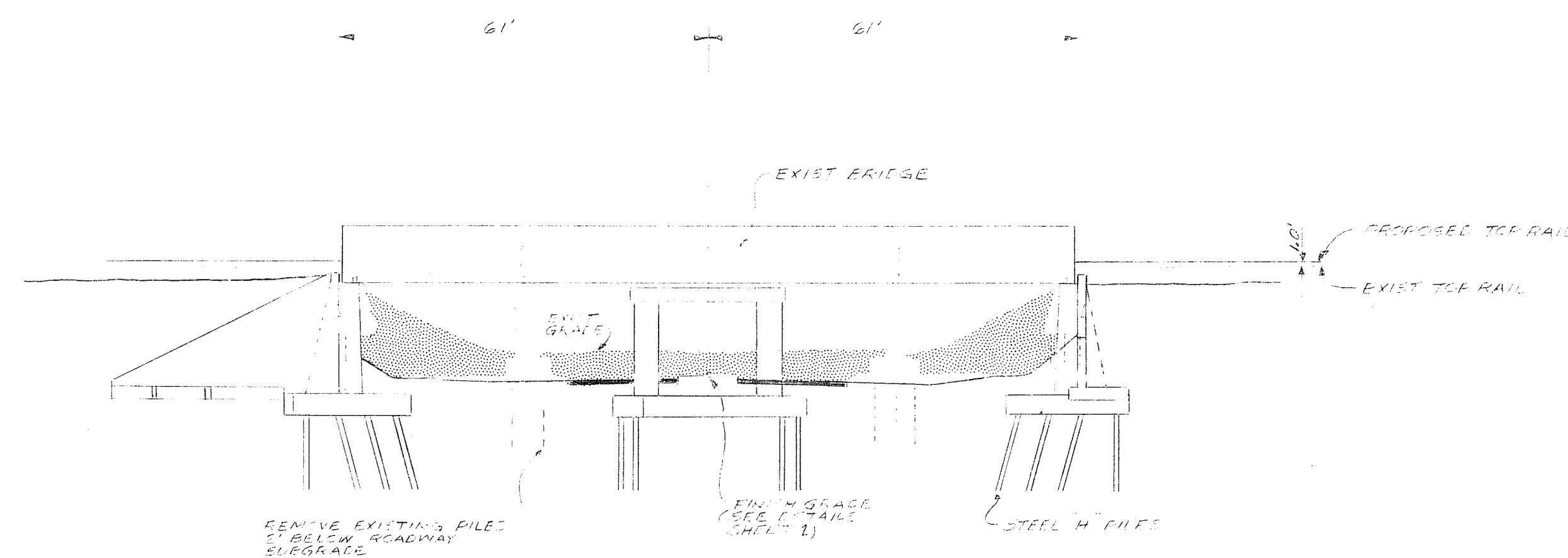
[illegible]

ELEVATION

PLAN B

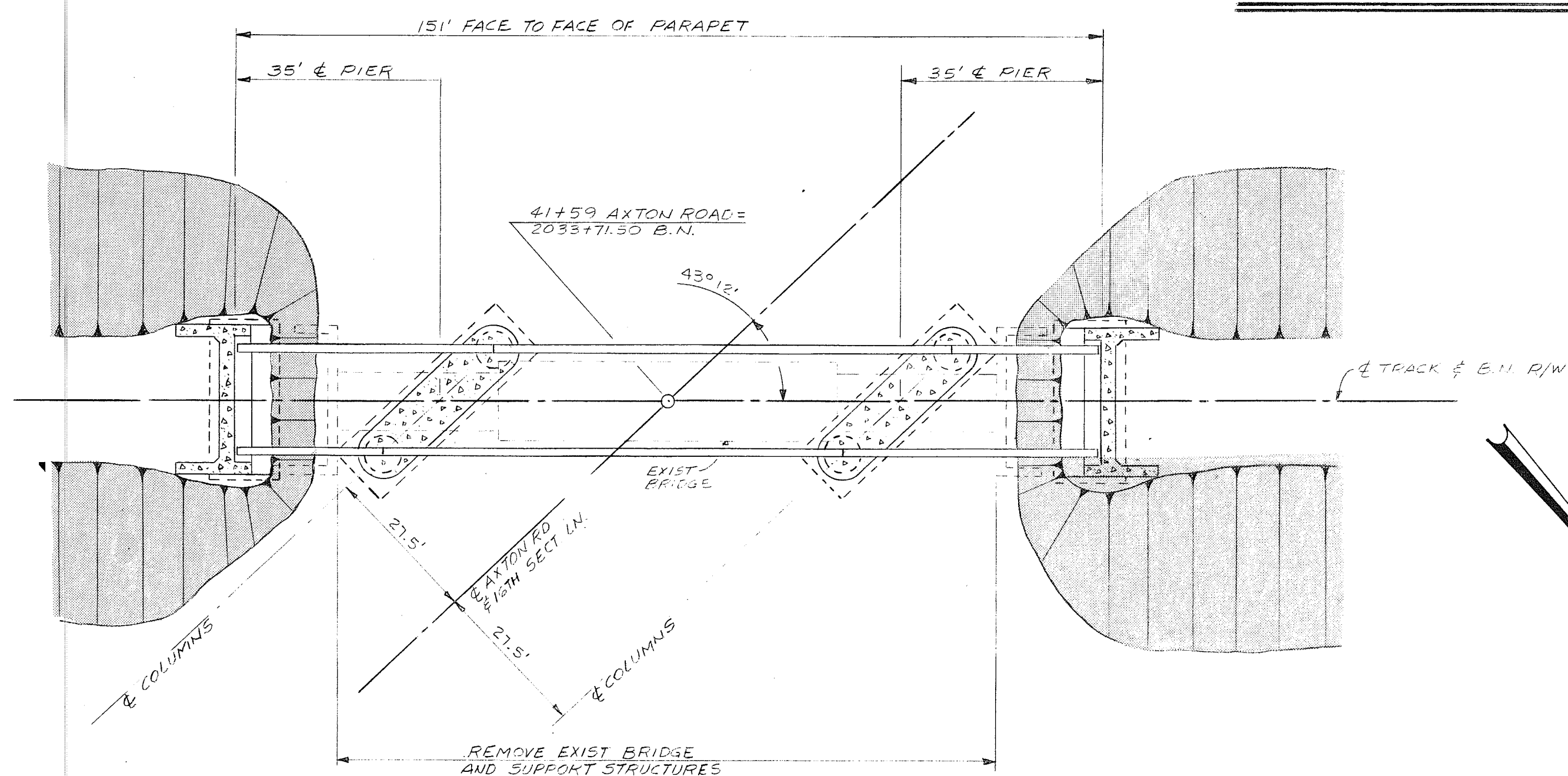


TYPICAL BRIDGE SECTION



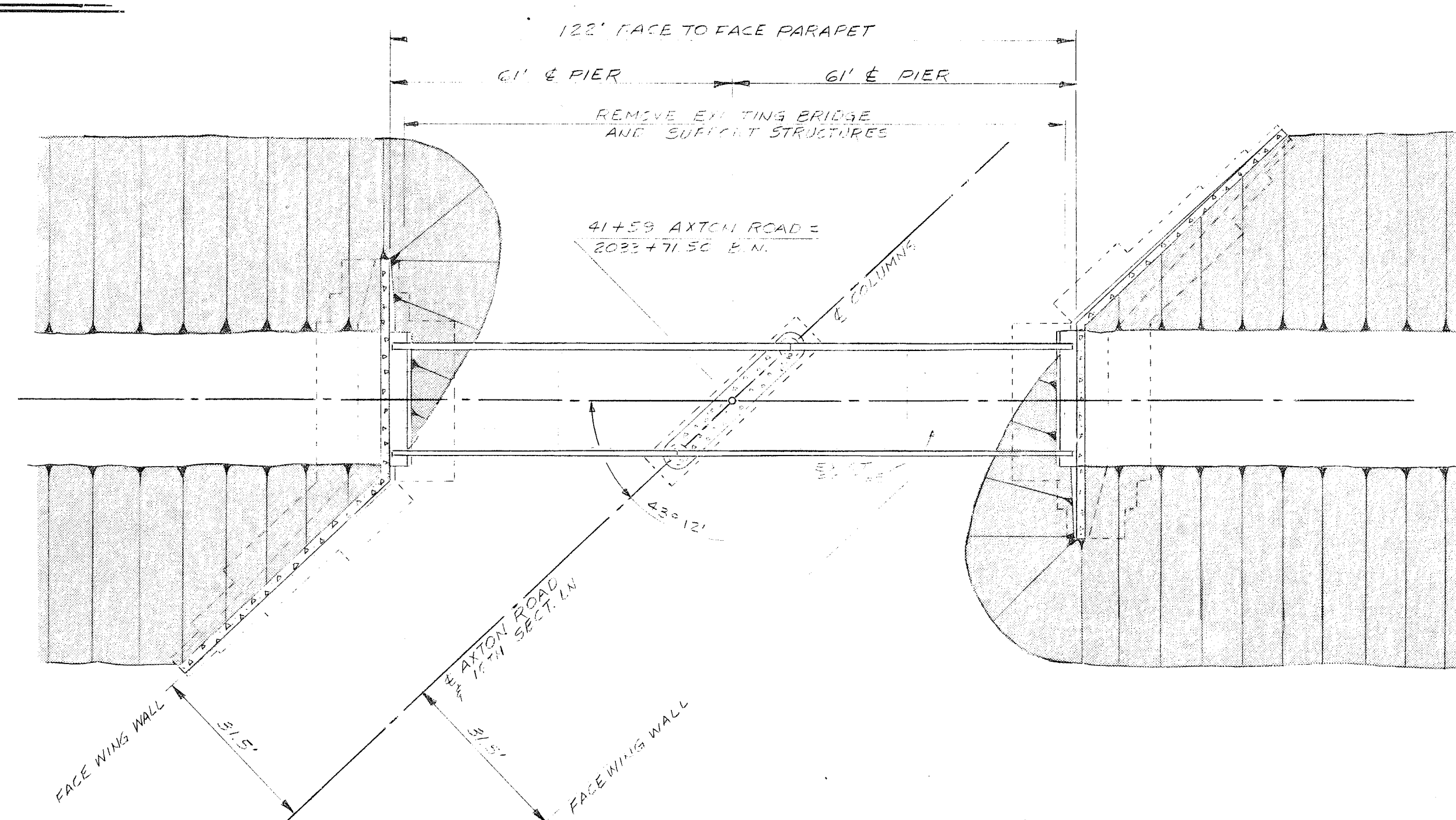
ELEVATION

PLAN A



RAILROAD BRIDGE

PLAN B

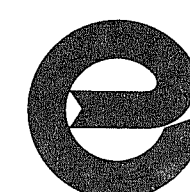


RAILROAD BRIDGE

PLAN A

[illegible]

Approved By:	Drawn By:	Date
	<u>RMB</u>	<u>3/15</u>
	Designed By:	
	<u>RS</u>	<u>3/15</u>
	Checked By:	
	Approved By:	



ENTRANCO Engineers
ENVIRONMENTAL AND TRANSPORTATION CONSULTANTS

Scale:
Horiz. NONE
Vert.

Job No.:
B5045-20

TOWN OF FERNDALE
EAST MAIN STREET
B.N. UNDERCROSSING BRIDGE 63.5
BRIDGE DETAILS

Sheet --
Of
File No.:

115 88

SOIL INTERPRETATION

-5.9' VERY STIFF DAMP BROWN, SLIGHTLY SANDY SILT,
 -22' VERY STIFF DAMP, GRAY BROWN, SLIGHTLY SANDY, CLAYEY SILT WITH OCCASIONAL FINE GRAVEL.
 -26.1' MEDIUM DENSE, MOIST, GRAY, SILTY, VERY FINE SAND.

WET, GRAY, SLIGHTLY SANDY, CLAYEY SILT WITH OCCASIONAL GRAVEL.
 (MEDIUM STIFF)
 (CHANGES TO STIFF)

(CHANGES TO VERY STIFF)

BOTTOM OF BORING, COMPLETED 5/27/76
 HART-CROWNER & ASSOC.
 J-321

E. NO. B-1

US REPORT 7-30-76

SOIL INTERPRETATION

-4' MEDIUM STIFF GRAVELLY SILT,
 -7' LOOSE SAND & SILTY SAND,
 -22' STIFF SANDY &/OR CLAYEY SILT.

1'-26.4' MEDIUM DENSE SAND OR SILTY SAND
 4'-12' SANDY OR CLAYEY SILT (MEDIUM STIFF)
 (MEDIUM STIFF TO STIFF)
 (STIFF)
 (6" SAND LAYER)

(STIFF TO VERY STIFF)

(VERY STIFF & SANDIER)

BOTTOM OF PROBE, COMPLETED 5/26/76
 HART-CROWNER & ASSOC.
 J-321

E. NO. P-1

US REPORT 7-30-76

ADDED ESMT. LN. X'ING RR & REVISED E. MAIN R/W TO 60' APT. & CONST. W/4 RR

NE & NW 1/4 SECT. 29 T39N R2E W.M.

SE & NW 1/4 SECT. 29 T39N R2E W.M.

LIMIT OF PROPOSED EASEMENT

TEST BORE B-1

EXISTING ABUTMENT (TYR)

EXIST. WAREHOUSE (TILE BLK.)

FUTURE FACE OF CURB

PROPOSED BRIDGE STRUCTURE (TYR)
 (SEE DETAILS, SHEET 3)

EAST MAIN STREET

CURVE DATA

$\Delta = 42^{\circ}33'00''$
 $R = 450'$
 $T = 175.22$
 $L = 334.19$

41+47.44 CONST. =
 10+00 INSIDE EDGE
 WEST RAIL RR TRACK
 ELEV. 46.51 DATUM
 TOP OF RAIL

41+50.77 CONST. =
 2033+67.38 B.N.I.

MINIMUM CLEARANCE BETWEEN STRUCTURE (TYR)

FUTURE FACE OF CURB

HOVANDER ROAD

TEST PROBE P-1

BM 454

BURLINGTON NORTHERN RAILROAD
 TO SEATTLE

ELEVATION DATUM

WA. STATE HWY. DEPT. BM. DATUM
 ELEV. = 33.83. LOCATED NORTH SIDE OF NORTHWEST CORNER CHAIN LINK FENCE AROUND JOHNSON CAFE.

BENCH MARKS

U.S.G.S. BM LG-268 ELEV. 34.964 =
 ELEV. 34.90 DATUM, LOCATED SOUTHWEST CORNER NOOKSACK RIVER BRIDGE, TOP CONCRETE CURB.

NATIONAL GEODETIC SURVEY BM M454
 ELEV. 41.833 (UNADJ.) = ELEV. 40.14 DATUM.
 LOCATED WEST END OF SOUTH ABUTMENT B.N.I. RR BRIDGE NO. 63.5.

CONTOURS

CONTOUR INTERVAL = ONE FOOT

Approved By:

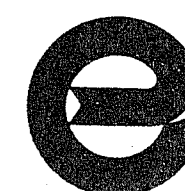
Drawn By: Date

RMB 9-76

Designed By: RS 9-76

Checked By: JTB

Approved By: AJR



ENTRANCO Engineers

ENVIRONMENTAL AND TRANSPORTATION CONSULTANTS

Scale:

Horiz. 1"=10'

Vert. 1"=10'

Job No:

B-5045-31

TOWN OF FERNDAL, WA.

EAST MAIN STREET

B.N.I. UNDERPASS NO 63.5

SITE PLAN

Sheet 4

Of 5

File No:

UAB 8-2-540 (1)

[illegible]

SALE ————— 1" = 40'

NOTE.
1) CATCH BASIN IN NEW ADDITION TO DRAIN INTO
LEACH FIELD UNDER RGC AREA

NTS

EDGE OF SLAB
(4" CONC. SLAB)

(N) NORTH

- N.T.S

CONFIDENTIAL

APPROVED BY

DATE: 5/22/89

ERIC DOANE DESIGN

AMER CONST