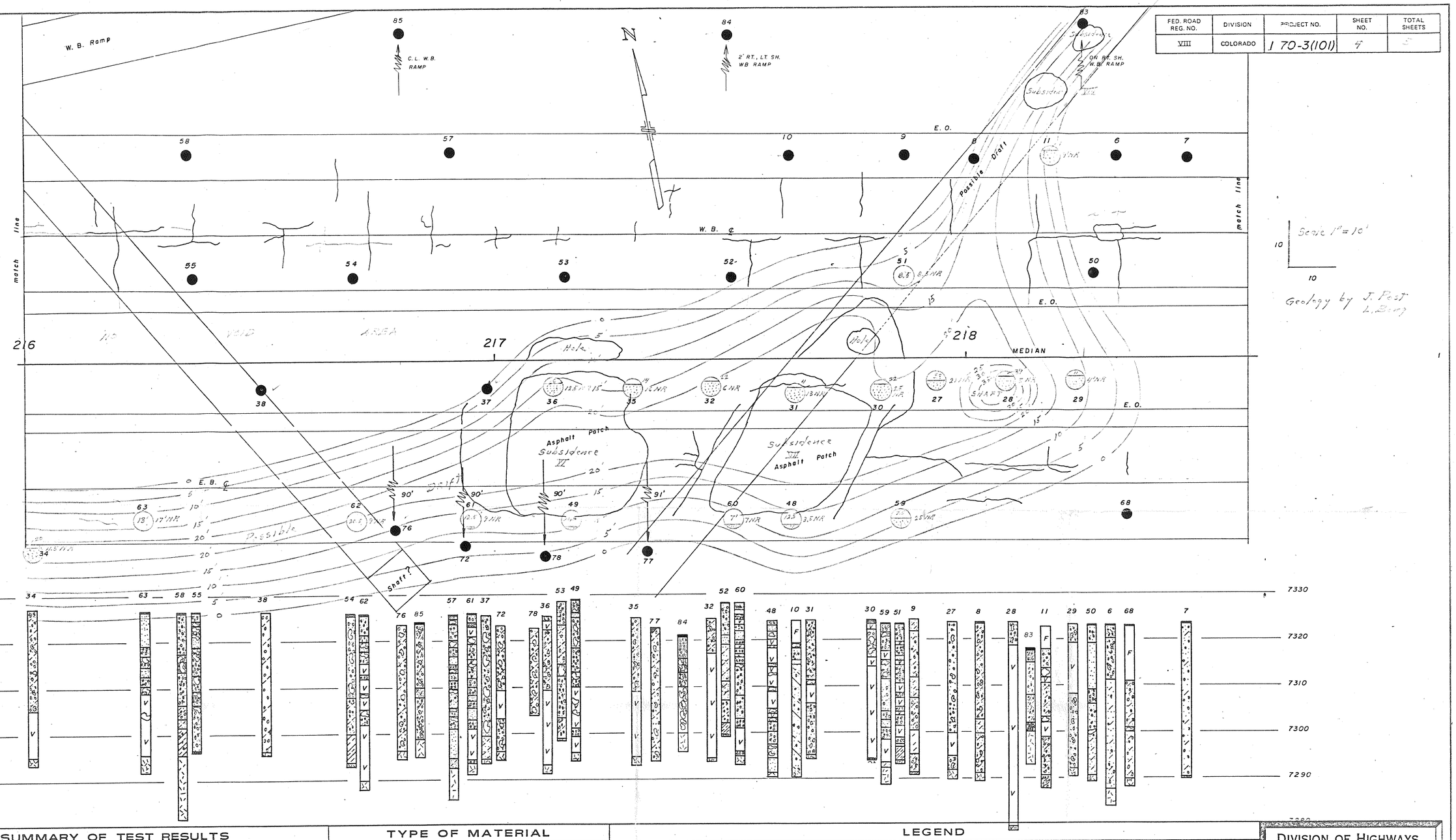
K&E 10 9155 4-79 MC 89834
OH FORM NO. 160
EVISED: JANUARY 1979

FED. ROAD REG. NO.	DIVISION	PROJECT NO.	SHEET NO.	TOTAL SHEETS
VIII	COLORADO	I 70-3(101)	4	5



SUMMARY OF TEST RESULTS

Sample No.	Depth	Classification: Corps. of Engrs. or Visual	Classification: AASHTO	Grading Analysis, Percent: Gravel	Coarse Sand	Fine Sand	Silt and Clay	Atterberg Limits: Liquid Limit L_w	Plastic Limit P_w	Plastic Index I_w	Water Cont. W %	Wet Unit Weight γ P.C.F.	Unconfined Strength Q_u T.S.F.	Triaxial Shear Strength: φ°	C P.S.I.	Dia. of Sample (inches)

TYPE OF MATERIAL

- Asphalt
- F Fill
- Silt & Gravel
- Metamorphic Bedrock
- V Void
- Cobbles & Boulders
- Clay
- Concrete
- Subsidence — Crack in Asphalt

LEGEND

TEST BORING

- 3" Hole Size
- Blows Per Foot 30
- 1-A Sample No.
- Water Table 2/16/79
- Standard Penetration Test (AASHTO T 206-74)
- Core Recovery 50
- RQD 25

CONTINUOUS PENETRATION TEST

- A Type of Test
  - A. Dutch Cone Penetrometer
  - B. 2 In. Dia. Drive Point 30 In. Free Fall 140 Lb. Hammer
- 0 50 100
- KG/CM² (A) Or Blows Per Foot (B)

- Location of Test Boring
- Location of Continuous Penetration Test
- 5 Isopach Line Total Feet of Voids
- Rotary Boring
- Auger Boring
- Total feet of Voids
- 13 Percent of Void filled with loose material. 12' NR = No Return of Drilling Fluid at 12' depth

DIVISION OF HIGHWAYS

ISOPACH MAP

ENGINEERING GEOLOGY

Hidden Valley Subsidence

Geologist LSB JCP
Drawn by PM
Checked by PM
Date 25 JULY 91

STRUCTURE NO. _____
DWG. NO. B _____ OF _____