

See Standard M-100-1 for STANDARD SYMBOLS

# STATE DEPARTMENT OF HIGHWAYS DIVISION OF HIGHWAYS—STATE OF COLORADO

R.O.W. UNDER  
P.E. UNDER  
UTILITIES UNDER

BRS 0142(3)  
BRS 0142(3)  
BRS 0142(3)

| FEDERAL ROAD<br>REGION NO. | DIVISION | PROJECT NO. | SHEET<br>NO. |
|----------------------------|----------|-------------|--------------|
| 222                        | COLORADO | BRS 0142(3) | 1            |

AS CONSTRUCTED

NO REVISIONS ☐ REVISED ☐ VOID ☐

REVISIONS

| NO. | DESCRIPTION | DATE |
|-----|-------------|------|
|     |             |      |
|     |             |      |
|     |             |      |

## TABULATION OF LENGTH AND DESIGN DATA

| STATION                                                                          | ROADWAY |       | STR. NO. P-13-AA |       |  |
|----------------------------------------------------------------------------------|---------|-------|------------------|-------|--|
|                                                                                  | LIN. FT | MILES | LIN. FT          | MILES |  |
| STATION 0+00.00<br>BEGIN BRS 0142(3)=MP 4.83                                     | 552.50  | 0.104 | 105.00           | 0.020 |  |
| 5+52.50 BEGIN STRUCTURE<br>NO. P-13-AA                                           | 642.50  | 0.122 |                  |       |  |
| 6+57.50 END STRUCTURE<br>NO. P-13-AA                                             |         |       |                  |       |  |
| STATION 13+00.00<br>END BRS 0142(3)=MP 5.07 =<br>270 + 00.00 (PROJ. FAS 358C(1)) |         |       |                  |       |  |
| TOTALS                                                                           | 1195.00 | 0.226 | 105.00           | 0.020 |  |

## SUMMARY

|                      | LIN. FT. | MILES |
|----------------------|----------|-------|
| ROADWAY (NET LENGTH) | 1195.00  | 0.226 |
| MAJOR STRUCTURE      | 105.00   | 0.020 |
| PROJECT GROSS LENGTH | 1300.00  | 0.246 |

## DESIGN DATA

|                         |                       |
|-------------------------|-----------------------|
| MAXIMUM DEGREE OF CURVE | 5°                    |
| MAXIMUM GRADE           | 1.45%                 |
| MINIMUM SSD VERTICAL    | 550'                  |
| MINIMUM SSD HORIZONTAL  | 600'                  |
| MAXIMUM DESIGN SPEED    | 60 MPH                |
| 2003 DESIGN VOLUME      | ADT = 610<br>DHV = 70 |

## DETOUR

## FOR INFORMATION ONLY

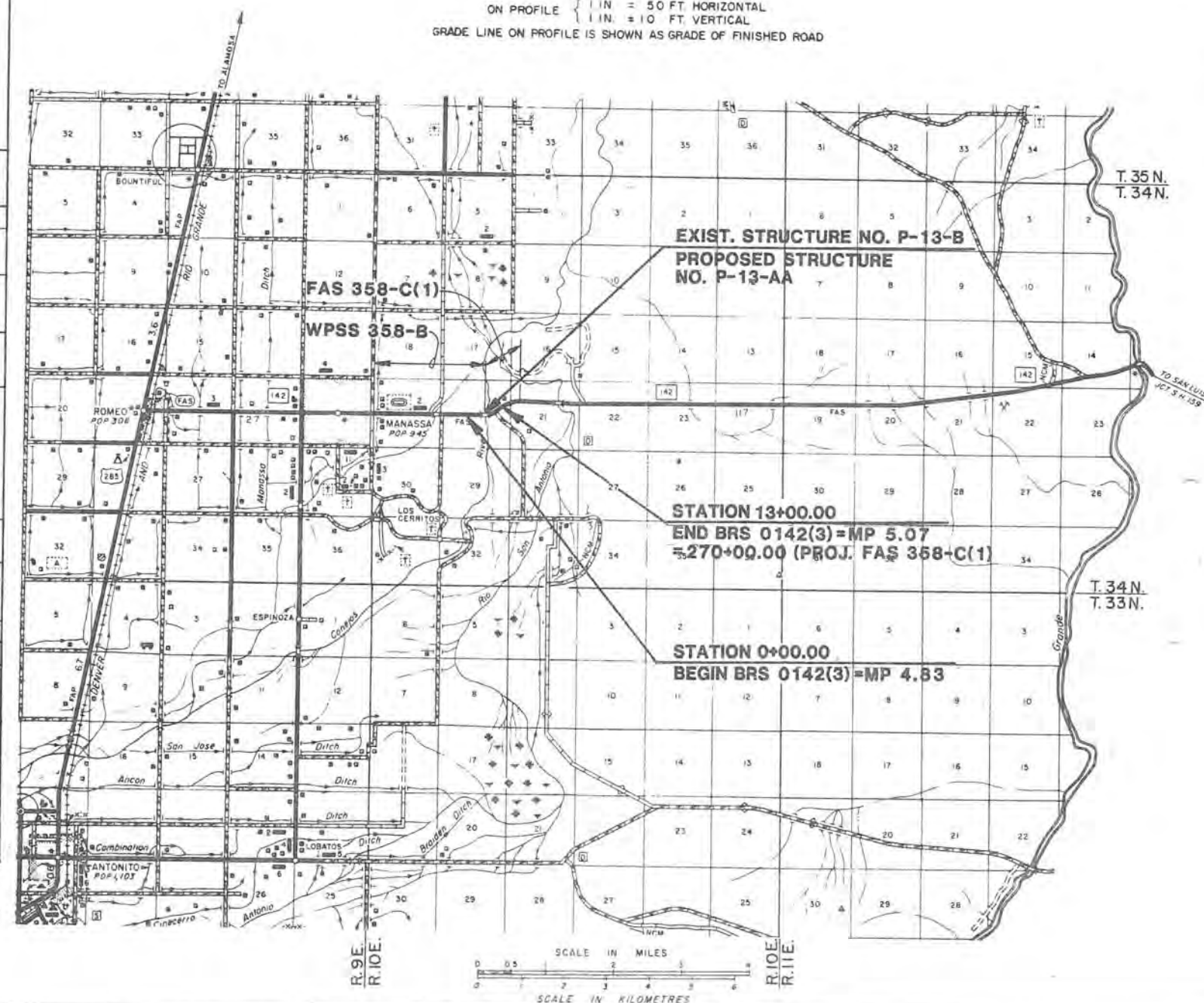
| STATION              | ROADWAY  |       |
|----------------------|----------|-------|
|                      | LIN. FT. | MILES |
| BEGIN STATION 0+00   | 1320.99  | 0.250 |
| END STATION 13+20.99 |          |       |

## DESIGN DATA

|                         |        |
|-------------------------|--------|
| MAXIMUM DEGREE OF CURVE | 8°     |
| MAXIMUM GRADE           | 1.84%  |
| MINIMUM SSD VERTICAL    | 362'   |
| MINIMUM SSD HORIZONTAL  | 334'   |
| MAXIMUM DESIGN SPEED    | 40 MPH |

## SCALES OF ORIGINAL DRAWINGS

ON PLAN, 1 IN. = 50 FT.  
ON PROFILE 1 IN. = 50 FT. HORIZONTAL  
1 IN. = 10 FT. VERTICAL  
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD



SHEET NO.

INDEX TO SHEETS

- 1 TITLE SHEET
- 2 STANDARD PLANS LIST
- 3 TYPICAL SECTIONS AND GENERAL NOTES
- 4, 5 SUMMARY OF APPROXIMATE QUANTITIES
- 6 STRUCTURE QUANTITIES
- 7 SUMMARY OF EARTHWORK QUANTITIES; AND
- 8 LANDSCAPING SUMMARY
- 9 TABULATION OF SURFACING QUANTITIES; TABULATION OF
- 10 GUARD RAIL; AND TABULATION OF DELINEATORS
- 11-25 TABULATION OF FENCE; CONSTRUCTION TRAFFIC CONTROL
- 12-25 DEVICES; AND TABULATION OF PLASTIC FILTER CLOTH
- 13-25 PLAN AND PROFILE
- 14-25 DETAILS OF STRUCTURE

DIVISION OF HIGHWAYS

APPROVED:

*J. E. Siebel* 1-25-74  
Asst. CHIEF ENGINEER DATE

AS CONSTRUCTED INFORMATION

CONTRACTOR \_\_\_\_\_  
ENGINEER \_\_\_\_\_  
(Project or Resident)  
PROJECT STARTED \_\_\_\_\_  
PROJECT COMPLETED \_\_\_\_\_  
AS CONSTRUCTED PLANS  
APPROVED \_\_\_\_\_  
TITLE \_\_\_\_\_ DATE \_\_\_\_\_

J.L.H.

### Detour Curve Data Curve A

$\Delta = 13^\circ 47' 01''$  Rt.  
 $D = 6^\circ 00'$   
 $T = 115.42'$   
 $L = 229.73'$   
 $R = 954.93'$   
 $e = N.C.$   
 $MDS = 40$  mph  
 $SSD = 386'$

### Detour Curve Data Curve B

$\Delta = 13^\circ 47' 01''$  Lt.  
 $D = 6^\circ 00'$   
 $T = 115.42'$   
 $L = 229.73'$   
 $R = 954.93'$   
 $e = N.C.$   
 $MDS = 40$  mph  
 $SSD = 386'$

### Detour Curve Data Curve C

$\Delta = 26^\circ 29' 31''$   
 $D = 8^\circ 00'$   
 $T = 168.59'$   
 $L = 331.15'$   
 $R = 716.20'$   
 $e = R.C.$   
 $MDS = 40$  mph  
 $SSD = 334'$

### Projected Curve Data

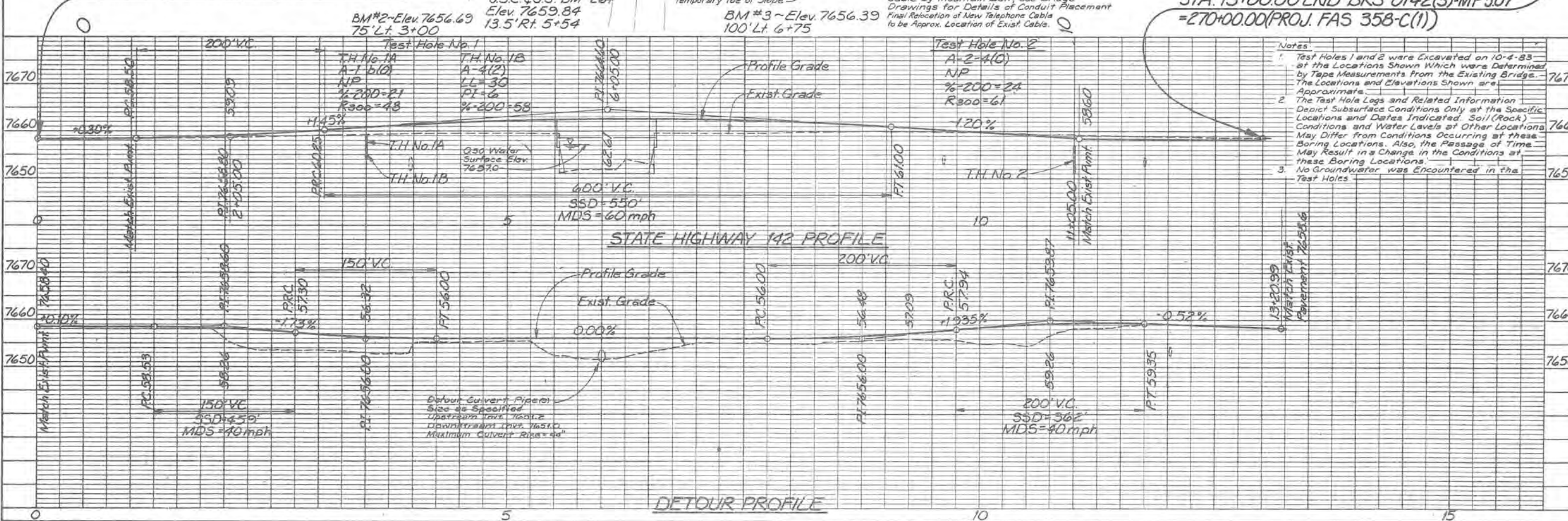
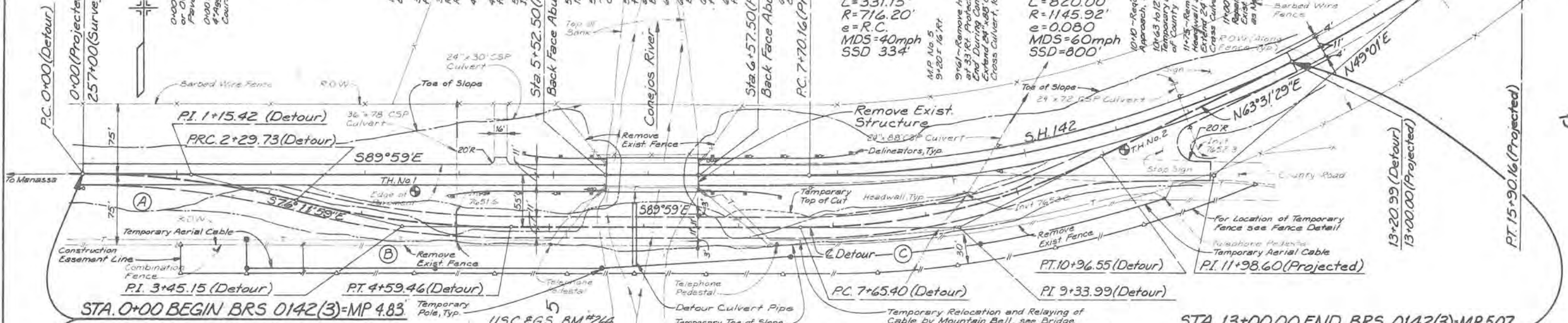
$\Delta = 41^\circ 00' 00''$  Lt.  
 $D = 5^\circ 00'$   
 $T = 428.44'$   
 $L = 820.00'$   
 $R = 1145.92'$   
 $e = 0.080$   
 $MDS = 60$  mph  
 $SSD = 800'$

| AS CONSTRUCTED |         |      |
|----------------|---------|------|
| NO REVISIONS   | REVISED | VOID |

| FEDERAL ROAD REGION NO. | DIVISION | PROJ. NO.   | SHEET NO. | TOTAL SHEETS |
|-------------------------|----------|-------------|-----------|--------------|
| VIII                    | COLORADO | BRS 0142(3) | 10        | 25           |

### UTILITIES

Mountain Bell Telephone Co.



- Notes
- Test Holes 1 and 2 were Excavated on 10-4-83 at the Locations Shown Which were Determined by Tape Measurements from the Existing Bridge. The Locations and Elevations Shown are Approximate.
  - The Test Hole Logs and Related Information Depict Subsurface Conditions Only at the Specific Locations and Dates Indicated. Soil (Rock) Conditions and Water Levels at Other Locations May Differ from Conditions Occurring at these Boring Locations. Also, the Passage of Time May Result in a Change in the Conditions at these Boring Locations.
  - No Groundwater was Encountered in the Test Holes.