

GEOLOGICAL REPORT

I-215 Railroad Overpass

Stations: 953+36.79 I-215 North Bound Lane
953+77.30 I-215 South Bound Lane

Project No. I-215-9(3)297
West Belt Route Redwood Road Connection to I-15

Davis County, Utah

August, 1964

By: William F. Maedgen
Geologist

I. INTRODUCTION

Two overpass structures are proposed on I-215 between Redwood Road and I-15 in the North Salt Lake area. One structure will be on the north bound lane, the other on the south bound lane.

Prior to this structure investigation, an embankment study was completed between stations 940 and 952 which is the section of I-215 west from the proposed structure sites to Redwood Road. Eight holes were drilled for this embankment study and a Geological Report was submitted by Heber Vlam in August, 1964.

II. FIELD EXPLORATION

A. Drilling

Drilling was done with a truck mounted rotary drill rig equipped for standard penetration and shelby tube sampling. The holes were drilled with a drag bit. Water was used as the circulating agent.

B. Sampling

Standard penetration samples were obtained with a 1 3/8 inch I. D. split tube sampler driven by a 140 pound hammer dropped 30 inches in free fall. The blows per foot were recorded on the drill logs, making them available as a guide in the determination of relative densities and consistencies of the soils penetrated. Undisturbed Shelby tube samples were taken where the soils permitted. The circulating drill water was passed through a 10 mesh screen allowing observation of the cuttings. All samples were field classified, logged, and submitted to the soils laboratory for further testing.

III. GEOLOGY

A. Surface

The proposed sites are located in the North Salt Lake area between the Wasatch Mountains and the Great Salt Lake. The surrounding area not occupied by refineries, roads, or railroads is generally flat pasture land with a moderate westerly slope.

One hole was drilled at each site on a Union Pacific access road immediately east of the Union Pacific and Denver and Rio Grande Western railroad tracks. Immediately east is a series of water and oil pipelines, and overhead telephone lines.

B. Subsurface

Drill hole number one was drilled on the north bound lane to a depth of 101 feet. Drill hole number two was drilled on the south bound lane to 101 feet. These two holes provide the information for the subsurface investigation. They are approximately 200 feet apart.

Correlation of the subsoils was good in the top 20 feet and bottom 20 feet of each hole. The middle zone was interfingering sand and silt with little or no correlation possibility.

Hole number one encountered road bed fill from the surface to 2.5 feet. Fine to medium grained sand with some silt was drilled from 2.5 feet to 32 feet. From 32 feet to 63 feet a silt zone with some sand, clay, and a trace of gravel was drilled. Fine to coarse grained sand with some silt and fine gravel was encountered from 63 feet to 101 feet. This zone becomes more coarse and very dense below 80 feet.

Hole number two encountered road bed fill from the surface to 2.5 feet. Fine to medium grained sand with some silt was drilled from 2.5

to 21 feet. From 21 feet to approximately 51 feet silt with abundant sand stringers and some clay was encountered. The zone from 51 feet to 60 feet was fine to medium grained sand with some silt and gravel. Silt and sandy silt with some fine grained sand and a trace of gravel was drilled from 60 feet to 75 feet. Fine to coarse grained sand with some silt and fine gravel was encountered from 75 feet to 101 feet. This zone becomes more coarse and very dense below 80 feet.

Mica flakes were observed in varying amounts throughout all silt and sand zones in both hole number one and number two.

Soils penetrated in these tests represent typical lacustrine silts, and near shore sands and gravels of Pleistocene Lake Bonneville.

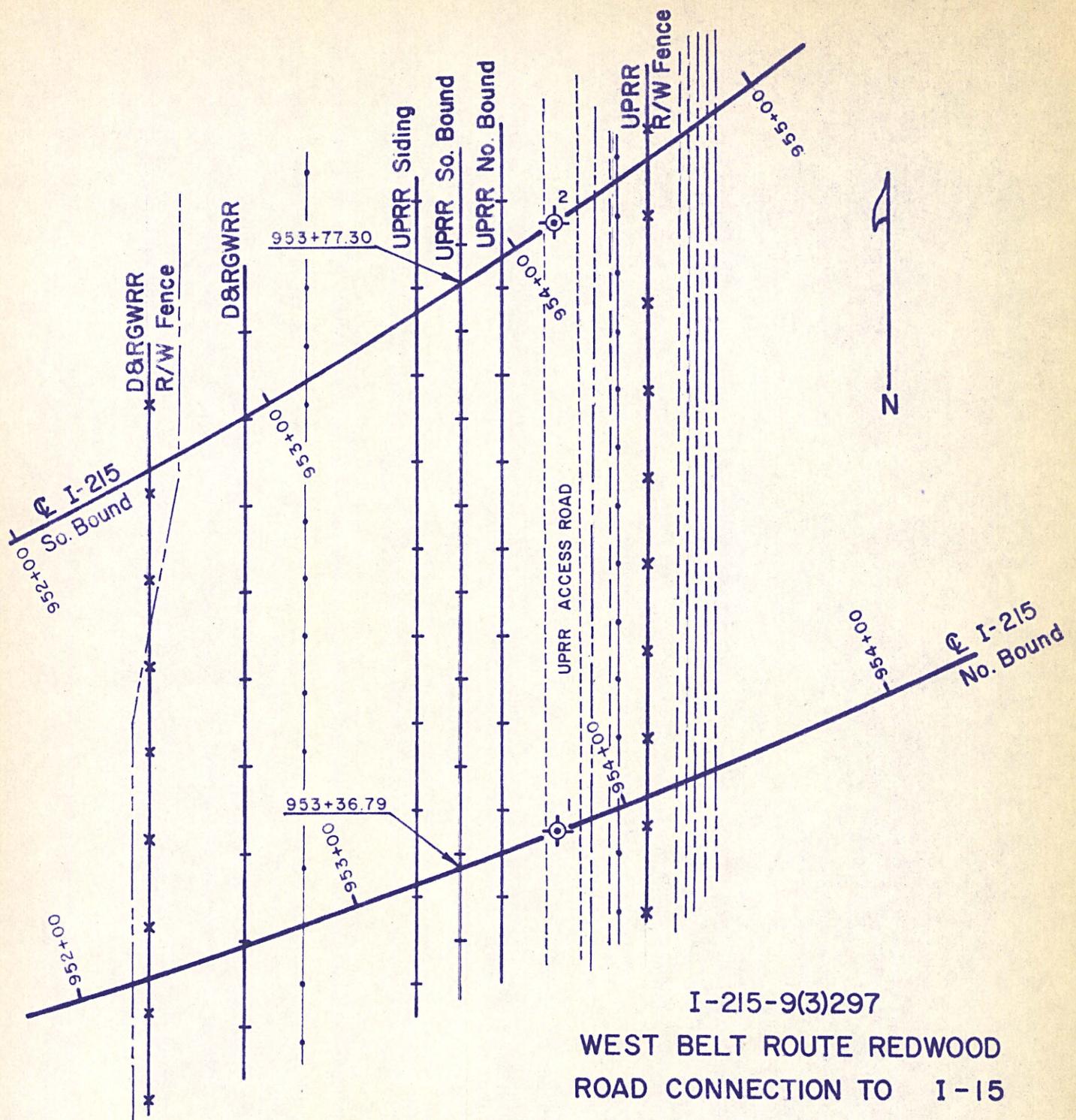
Water level measurements were taken from the existing ground surface. The measurements are as follows:

<u>Drill Hole</u>	<u>Date</u>	<u>Time</u>	<u>Water Level(feet)</u>
1	8-18-64	0900	18.5
1	8-19-64	1030	17.9
1	8-20-64	0900	17.8
2	8-21-64	0915	18.3
2	8-24-64	0900	18.2

Respectfully submitted,

William F. Maedgen

William F. Maedgen
Geologist



WEST BELT ROUTE REDWOOD
ROAD CONNECTION TO I-15

LOCATION PLAN

I-215 R.R. OVERPASS - NBL & SBL

LEGEND

- DRILL HOLE & NUMBER
- OIL PIPELINE
- WATER MAIN
- TELEPHONE OVERHEAD

SCALE : 1" = 50'

STATIONS

953+36.79 I-215 NORTH BOUND LANE

953+77.30 I-215 SOUTH BOUND LANE

W. J. M.

Date Begun 8-17-64
 Date Completed 8-20-64
 Hole Diameter 3 3/4"

UTAH STATE DEPARTMENT OF HIGHWAYS
 MATERIALS & RESEARCH DIVISION
 DRILLING LOG

Hole No. 1
 Sheet 1 of 6
 Total Depth 101'

Project No. I-215-9(3)297

Project Name West Belt Route Redwood Road Connection to I-15

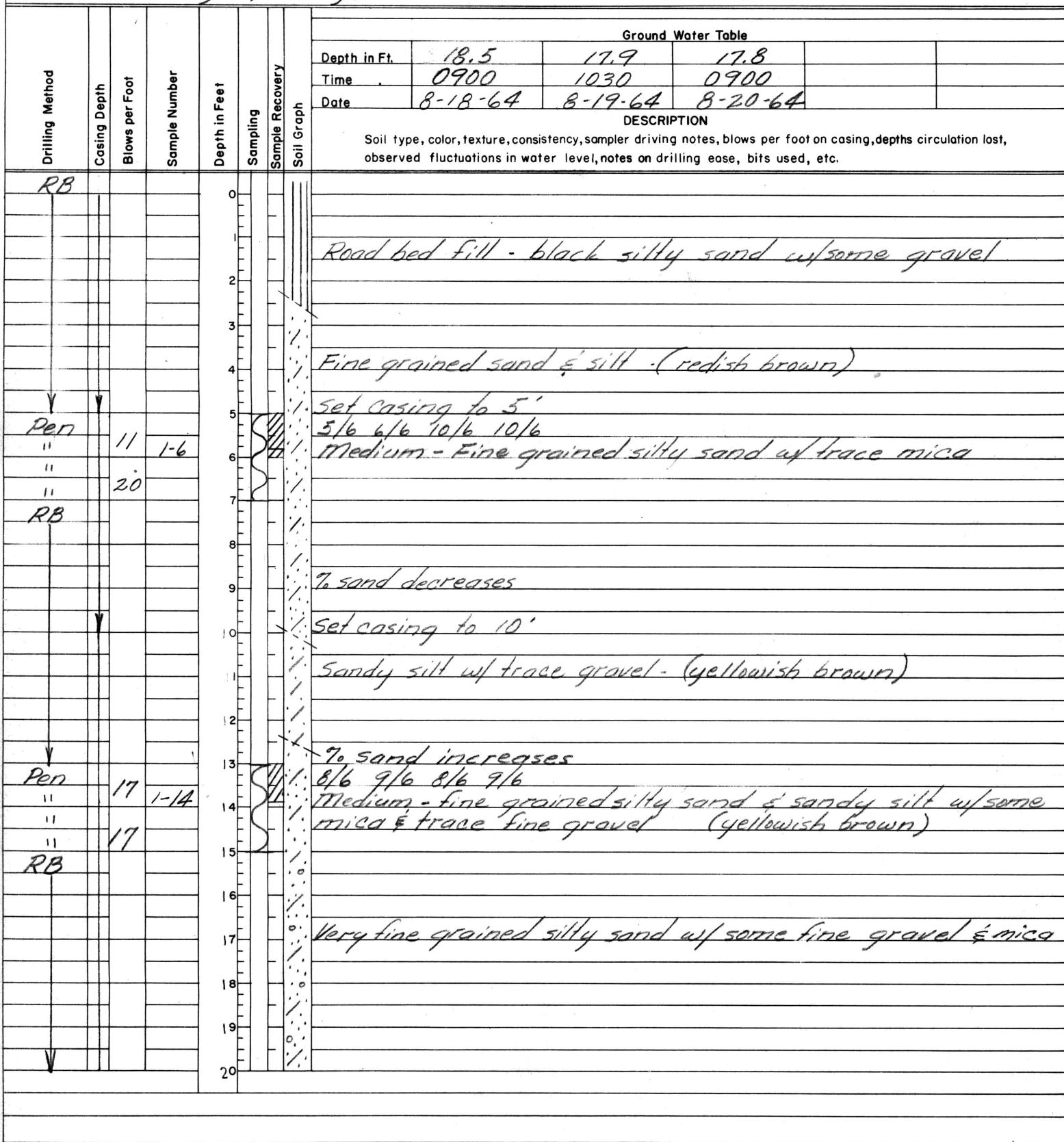
Type of Structure I-215 R.R. Overpass

Equation 953+36.97 Project Line Sta. & NBL I-215
 Other Line Sta. None

Sta. of Structure 953+36.97 Hole Sta. 953+75 Rl. 2 Ft., Lt. & Ft., of & NBL I-215

Collar Elevation .8' Above Reference 953+00 NBL Method Used Hand Level

Field Party Maedgen, Parry, Fisher Rig #16



Date Begun 8-17-64
Date Completed 8-20-64
Hole Diameter 3 1/4"

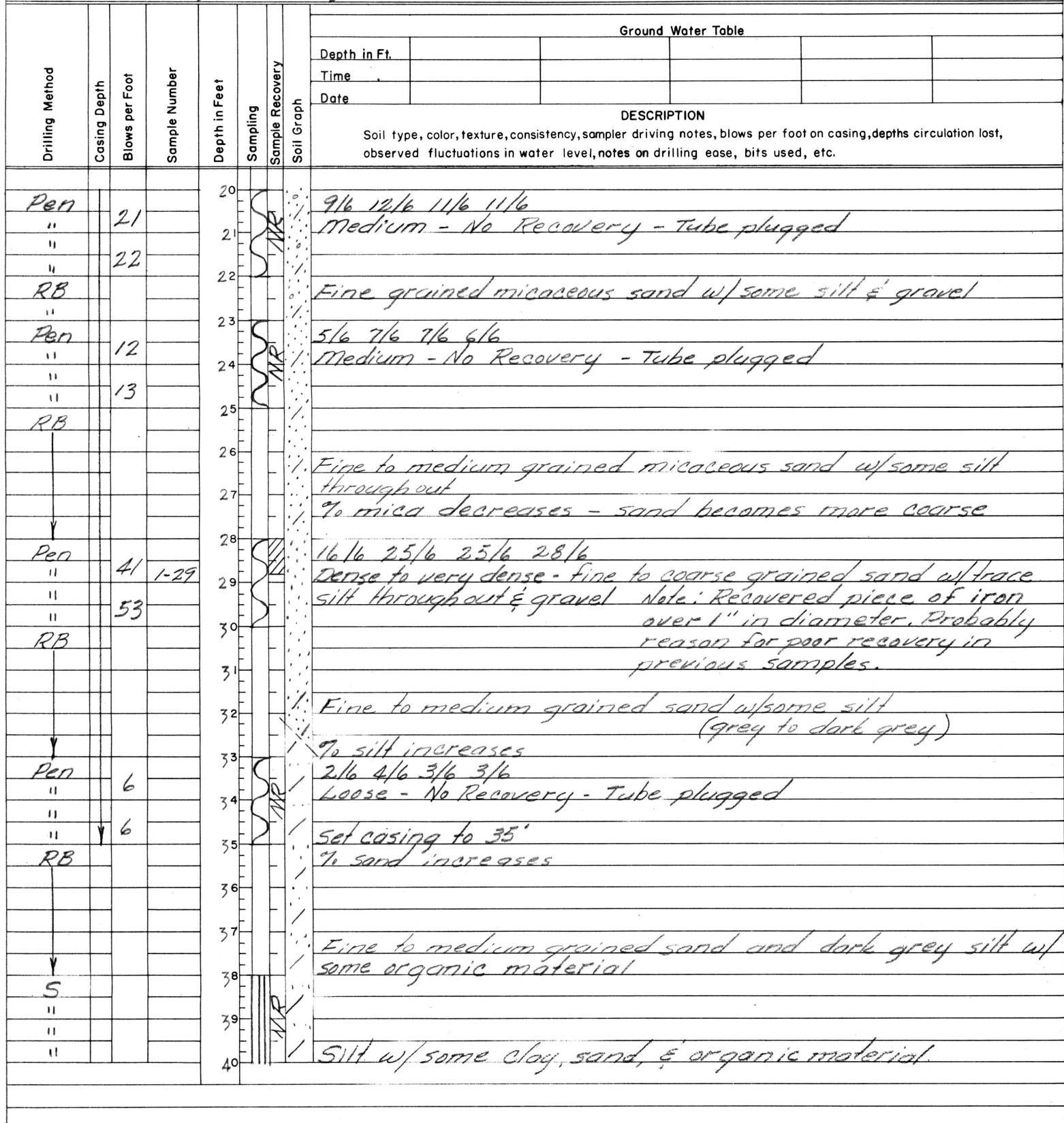
UTAH STATE DEPARTMENT OF HIGHWAYS
MATERIALS & RESEARCH DIVISION
DRILLING LOG

Hole No. 1
Sheet 2 of 6
Total Depth 101'

Project No. I-215-9(3) 297

Project Name West Belt Route Redwood Road Connection to I-15

Type of Structure I-215 R.R. Overpass
Equation 953 + 36.97 Project Line Sta. 953 + 36.97 NBL I-215
Sta. of Structure 953 + 36.97 Hole Sta. 953 + 75 Rt. 2 Ft., Lt. 0 Ft., of & NBL I-215
Collar Elevation .8' Above Reference 953 + 00 NBL Method Used Hand Level
Field Party Maedgen, Parry, Fisher Rig #16



Date Begun 8-17-64
 Date Completed 8-20-64
 Hole Diameter 3 3/4"

UTAH STATE DEPARTMENT OF HIGHWAYS
 MATERIALS & RESEARCH DIVISION
 DRILLING LOG

Hole No. 1
 Sheet 3 of 6
 Total Depth 101

Project No. I-215-9(3)297

Project Name West Belt Route Redwood Road Connection to I-15

Type of Structure I-215 R.R. Overpass Equation 953+36.97 Project Line Sta. 953+36.97 & NBL I-215
 Other Line Sta.
 Sta. of Structure 953+36.97 Hole Sta. 953+75 Rt. 2 Ft., Lt. - Ft., of & NBL I-215
 Collar Elevation .8' Above Reference 953+00 NBL Method Used Hand Level
 Field Party Moedgen, Parry, Fisher Rig #16

Drilling Method	Casing Depth	Blows per Foot	Sample Number	Depth in Feet	Sampling	Soil Graph	Ground Water Table					
							Depth in Ft.	Time	Date	DESCRIPTION		
RB				40		/						
				41		/						
				42		/						
				43		/						
S				43		/						
"				44		/						
"				45		/						
RB				45		/						
				46		/						
				47		/						
				48		/						
S				48		/						
"				49		/						
"				50		/						
RB				50		/						
				51		/						
				52		/						
				53		/						
				54		/						
				55		/						
				56		/						
				57		/						
				58		/						
Pen	15	1-59		58		/						
"	101			59		/						
				60		/						

Date Begun 8-17-64
 Date Completed 8-20-64
 Hole Diameter 3 3/4"

UTAH STATE DEPARTMENT OF HIGHWAYS
 MATERIALS & RESEARCH DIVISION
 DRILLING LOG

Hole No. 1
 Sheet 4 of 6
 Total Depth 101

Project No. I-215-9(3)297

Project Name West Bell Route Redwood Road Connection to I-15

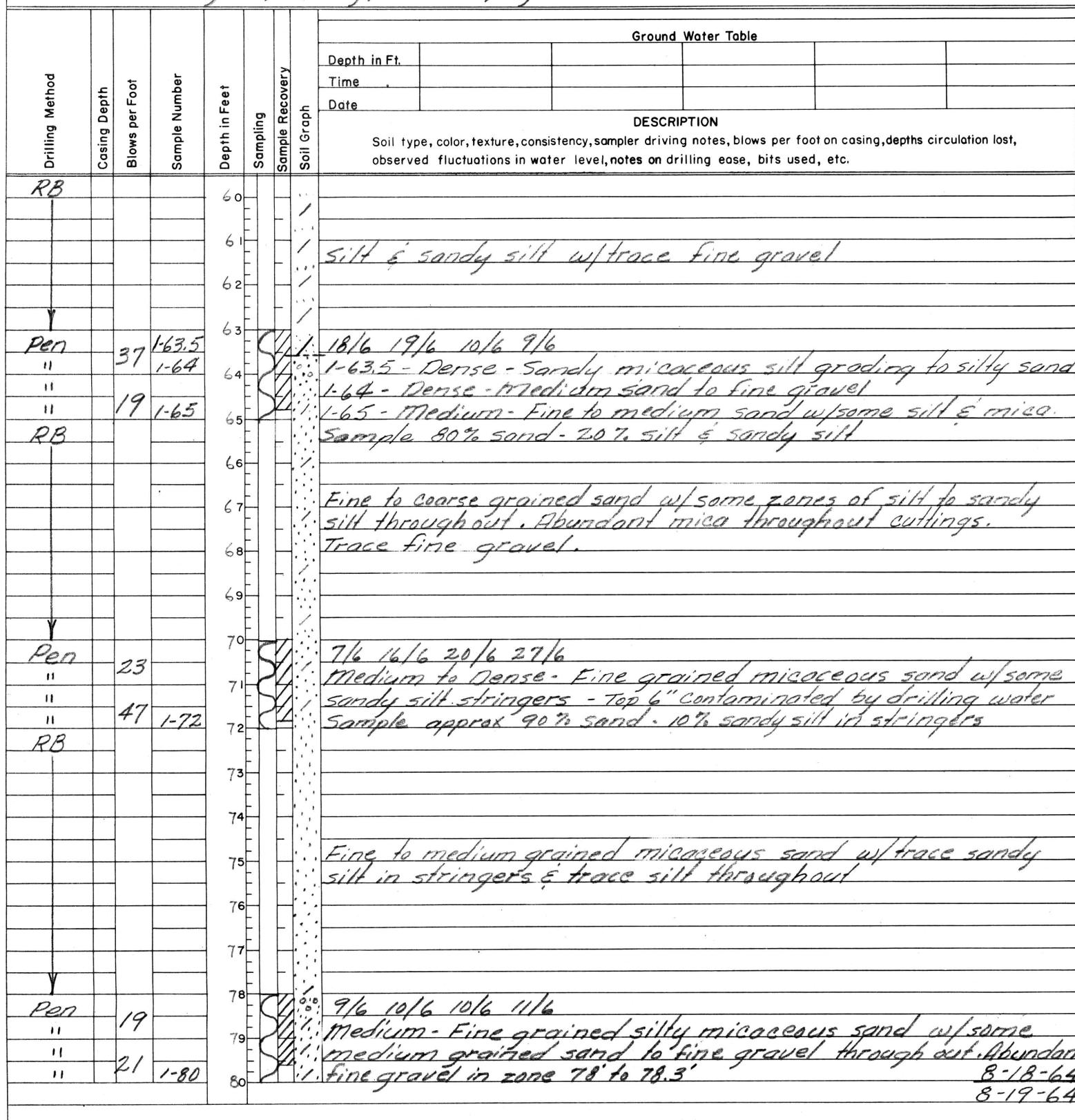
Type of Structure I-215 R.R. Overpass

Sta. of Structure 953 + 36.97 Hole Sta. 953 + 75 Rt. 2 Ft., Lt. - Ft., of 4 NBL I-215

Collar Elevation .8' Above Reference 953 + 00 NBL Method Used Hand Level

Field Party Moedgen, Parry, Fisher, Byer Rig #16

Equation Project Line Sta. 953 + 36.97 & NBL I-215
Other Line Sta.



Date Begun 8-17-64

Date Completed 8-20-64

Hole Diameter 3 3/4"

Project No. I-215-9(3) 297

Project Name West Belt Route Redwood Road Connection to I-15

UTAH STATE DEPARTMENT OF HIGHWAYS

MATERIALS & RESEARCH DIVISION

DRILLING LOG

Hole No. 1

Sheet 5 of 6

Total Depth 101

Type of Structure I-215 R.R. Overpass

Equation Project Line Sta. 953+36.97 & NBL I-215
Other Line Sta.

Sta. of Structure 953 + 36.97

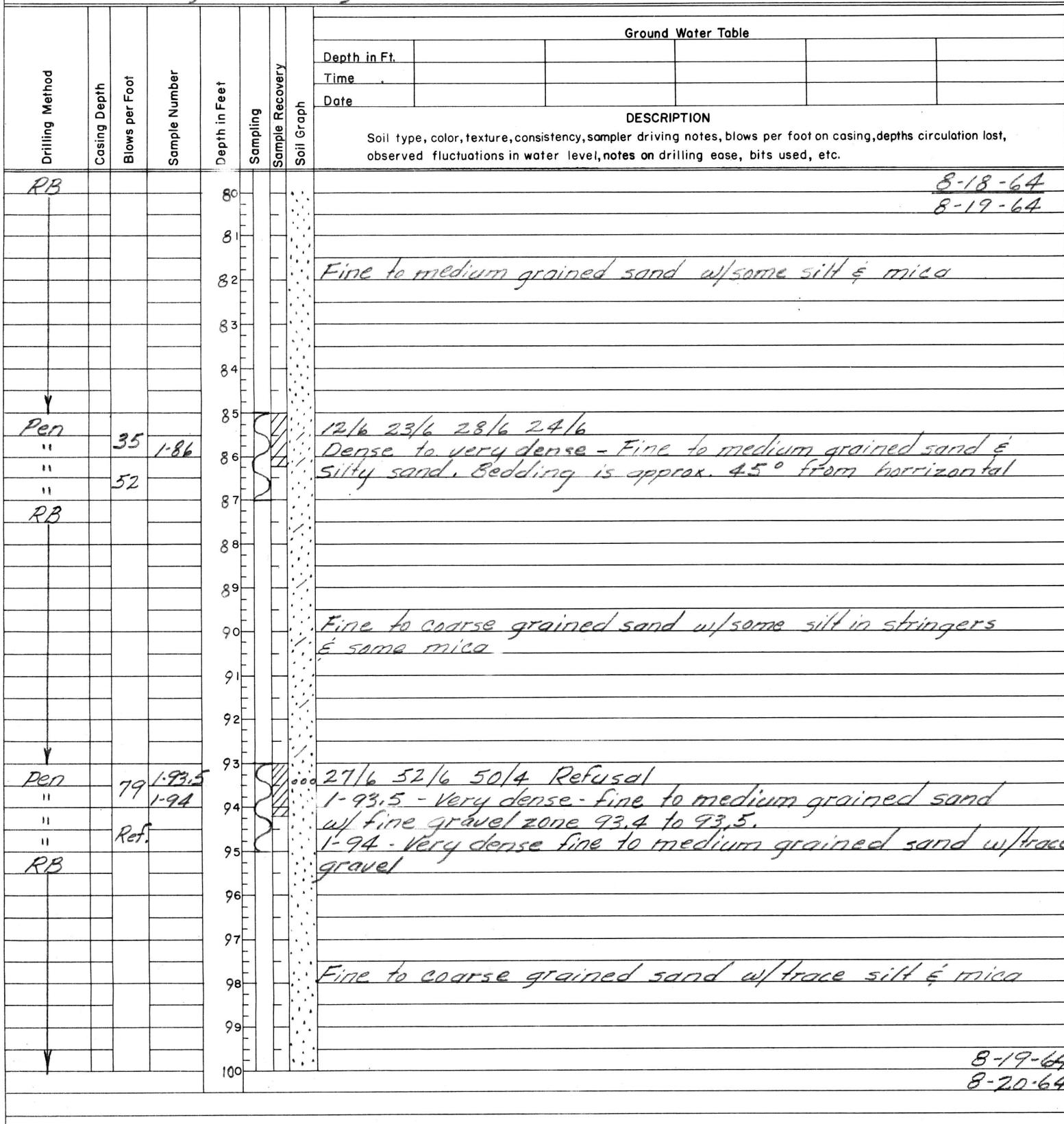
Hole Sta. 953 + 75 Rt. 2 Ft. Lt. - Ft. of & NBL I-215

Collar Elevation .8' Above

Reference 953 + 00 NBL Method Used Hand Level

Field Party Maedgen, Parry, Fisher

Rig # 16



Date Begun 8-17-64
Date Completed 8-20-64
Hole Diameter 3 3/4"

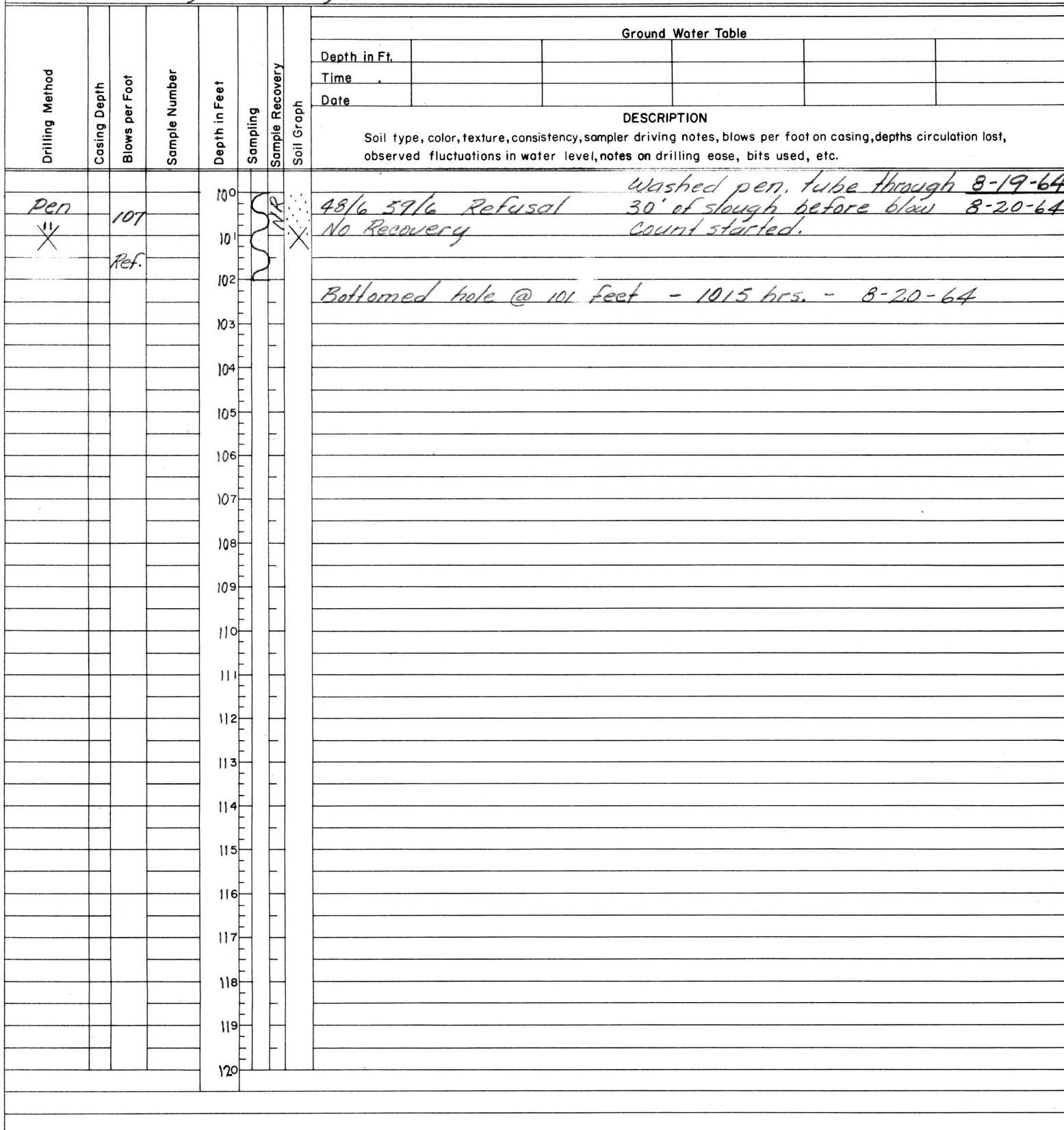
UTAH STATE DEPARTMENT OF HIGHWAYS
MATERIALS & RESEARCH DIVISION
DRILLING LOG

Hole No. 1
Sheet 6 of 6
Total Depth 101'

Project No. I-215 - 9(3) 297

Project Name West Belt Route Redwood Road Connection to I-15

Type of Structure I-215 R.R. Overpass
Equation 953 + 36.97 Project Line Sta. NBL I-215
Other Line Sta.
Sta. of Structure 953 + 36.97 Hole Sta. 953 + 75 Rt. 2 Ft., Lt. - Ft., of NBL I-215
Collar Elevation 8' Above Reference 953 + 00 NBL Method Used Hand Level
Field Party Moedgen, Parry, Fisher Rig #16



Date Begun 8-20-64
 Date Completed 8-24-64
 Hole Diameter 3 3/4"

UTAH STATE DEPARTMENT OF HIGHWAYS
 MATERIALS & RESEARCH DIVISION
 DRILLING LOG

Hole No. 2
 Sheet 1 of 6
 Total Depth 101'

Project No. I-215-9(3)297

Project Name West Bell Route Redwood Road Connection to I-15

Type of Structure I-215 R.R. overpass

Sta. of Structure 953 + 77.30

Collar Elevation 3' above

Field Party Maedgen, Parry, Fisher

Equation 953 + 77.30
 Project Line Sta. & SBL I-215
 Other Line Sta. None

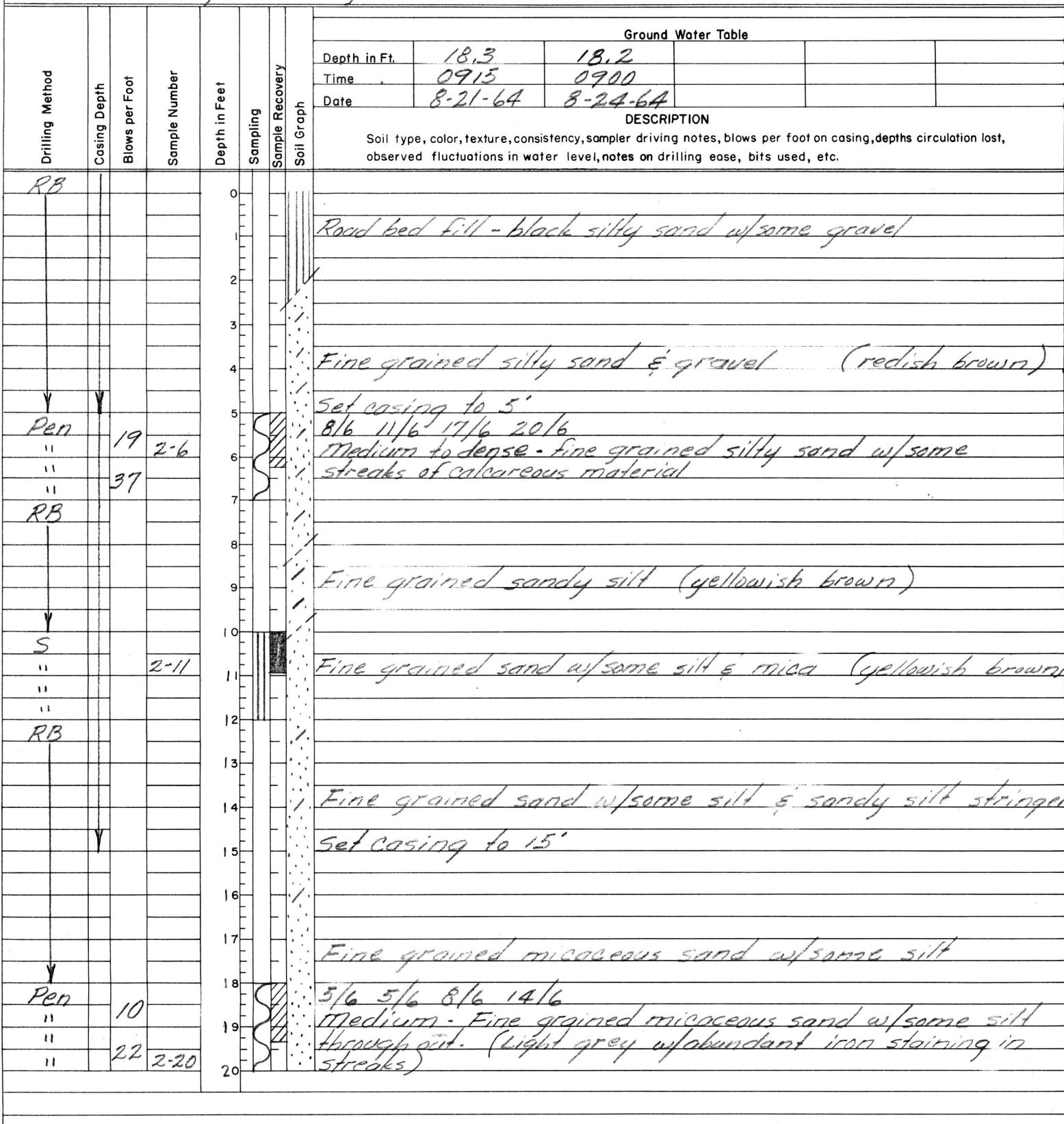
Hole Sta. 954 + 18

Rt. — Ft. Lt. — Ft. of & SBL I-215

Reference 953 + 00 & SBL

Method Used Hand Level

Rig # 16



Date Begun 8-20-64
Date Completed 8-24-64
Hole Diameter 3 3/4"

UTAH STATE DEPARTMENT OF HIGHWAYS
MATERIALS & RESEARCH DIVISION
DRILLING LOG

Hole No. 2
Sheet 2 of 6
Total Depth 101'

Project No. I-215-7(3)297

Project Name West Belt Route Redwood Road Connection to I-15

Type of Structure I-215 R.R. Overpass

Equation Project Line Sta. 953+77.30 & SBL I-215
Other Line Sta. None

Sta. of Structure 953+77.30

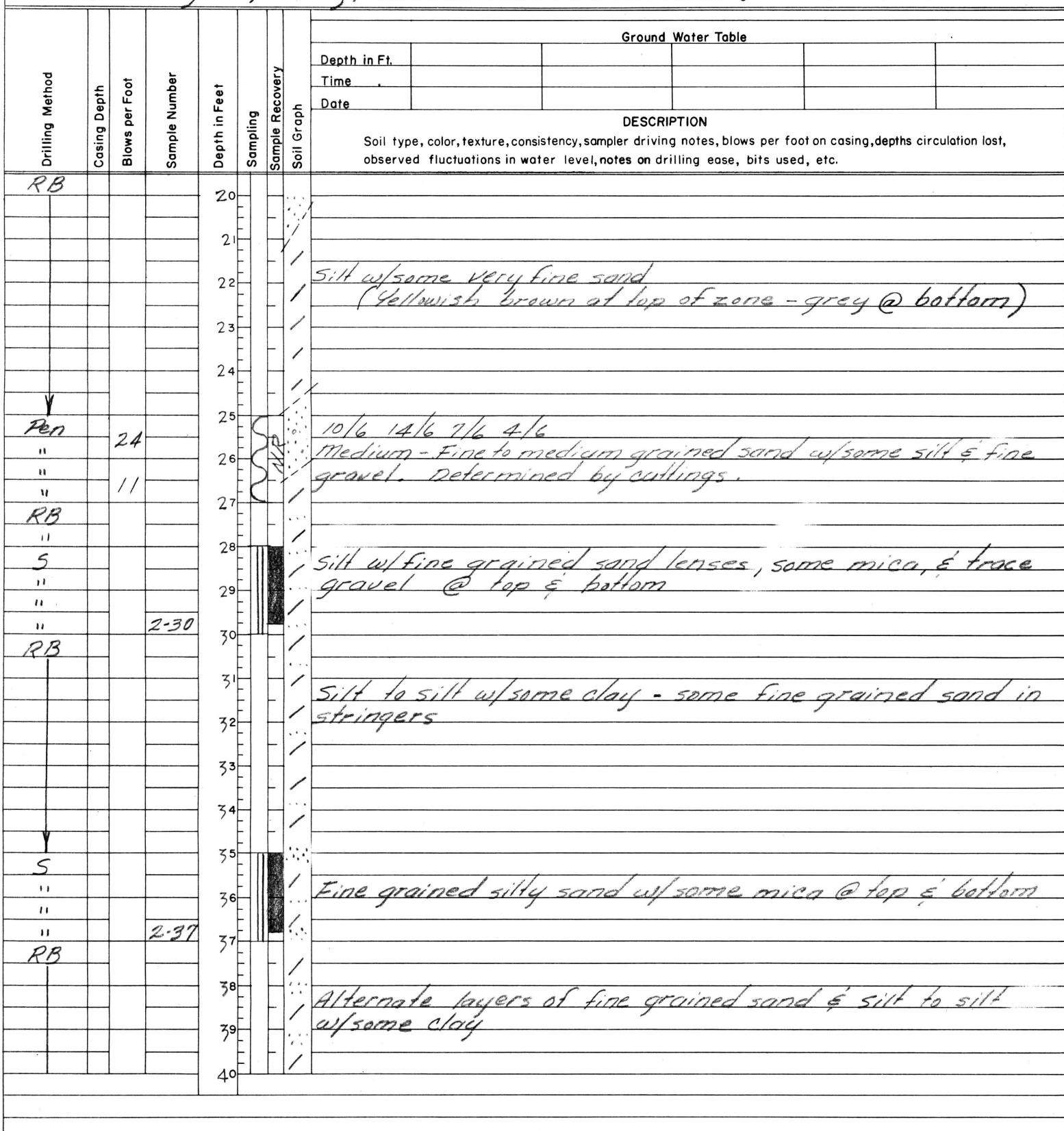
Hole Sta. 954 +18 Rt. — Ft., Lt. — Ft., of & SBL I-215

Collar Elevation 3' Above

Reference 953 +00 & SBL Method Used Hand Level

Field Party Maedgen, Parry, Fisher

Rig # 16



Date Begun 8-20-64
 Date Completed 8-24-64
 Hole Diameter 3 3/4"

UTAH STATE DEPARTMENT OF HIGHWAYS
 MATERIALS & RESEARCH DIVISION
 DRILLING LOG

Hole No. 2
 Sheet 3 of 6
 Total Depth 101'

Project No. I-215-9(3)297

Project Name West Bell Route Redwood Road Connection to I-15

Type of Structure I-215 RR Overpass

Equation 953 + 77.30 £ SBL I-215
 Other Line Sta. None

Sta. of Structure 953 + 77.30

Hole Sta. 954 + 18

Rt. — Ft., Lt. — Ft., of £ SBL I-215

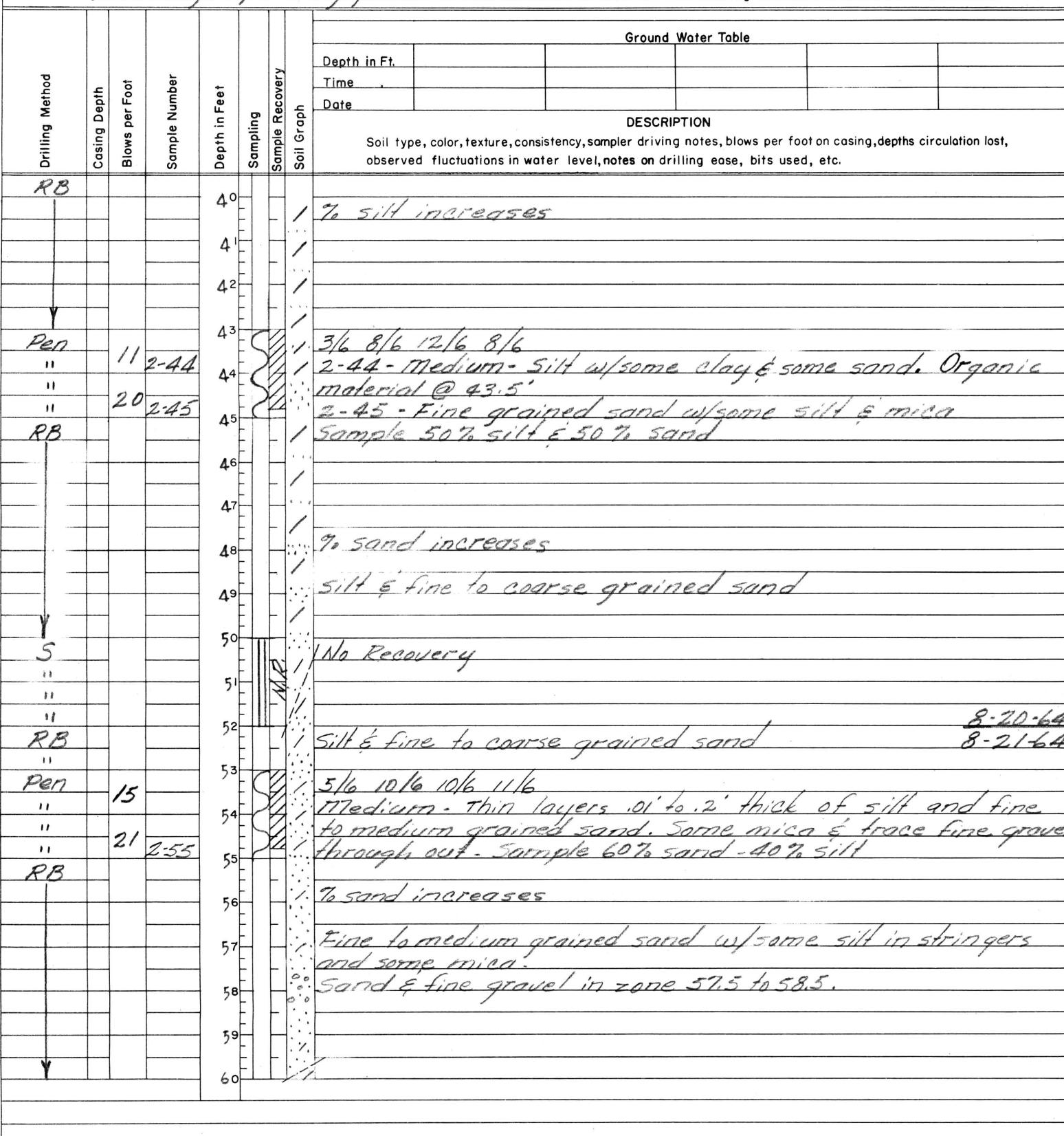
Collar Elevation 3' Above

Reference 953 + 00 £ SBL

Method Used Hydro Level

Field Party Maedgen, Parry, Fisher

Rig #16



Date Begun 8-20-64
Date Completed 8-24-64

UTAH STATE DEPARTMENT OF HIGHWAYS
MATERIALS & RESEARCH DIVISION
DRILLING LOG

Hole No. 2
Sheet 4 of 6
Total Depth 101'

Hole Diameter 3 3/4"
Project No. I-215-9(3) 297

Project Name West Belt Route Redwood Road Connection to I-15

Type of Structure I-215 R.R. Overpass

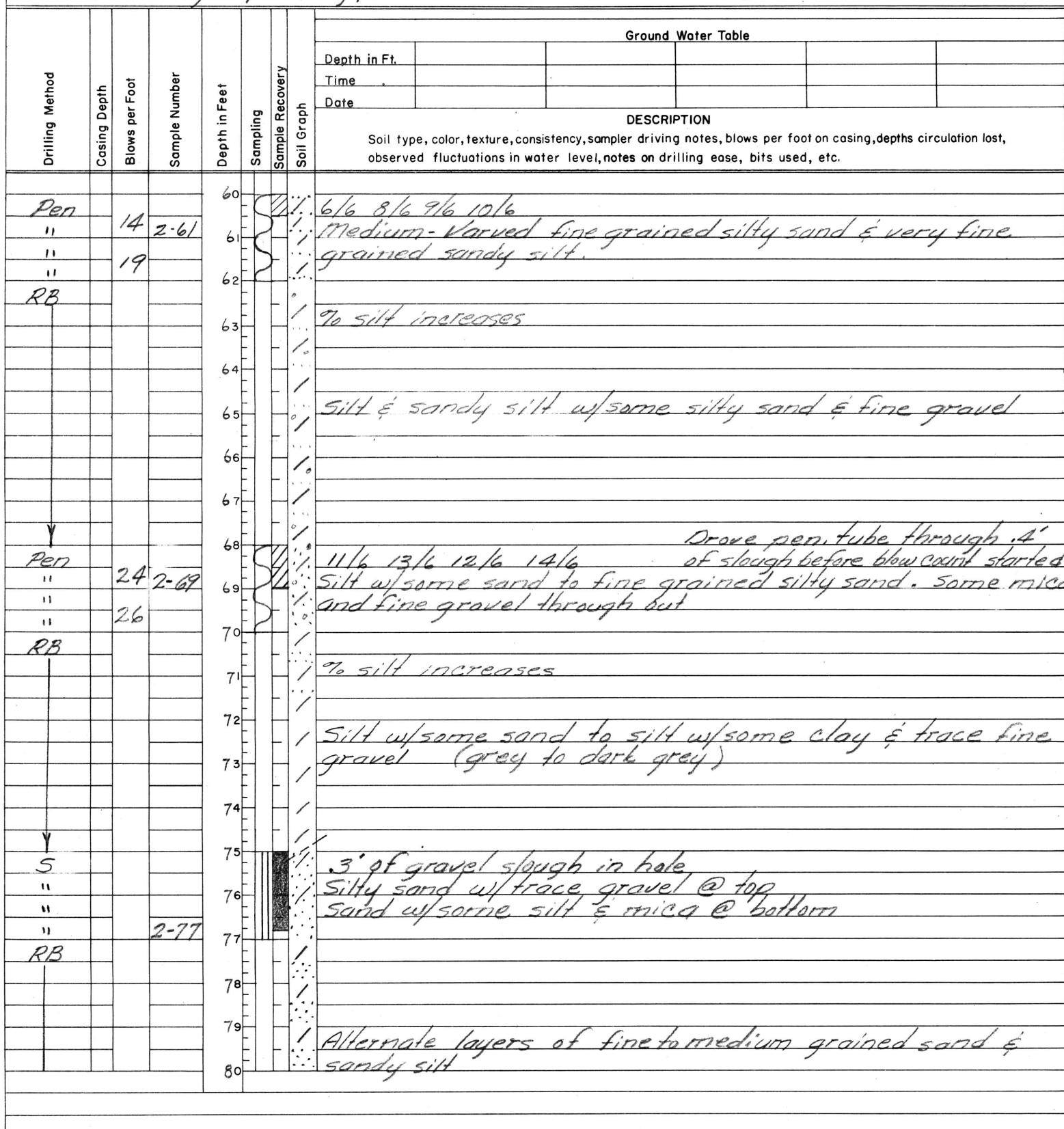
Sta. of Structure 953 + 77.30 Hole Sta. 954 + 18 Rt. — Ft., Lt. — Ft., of SBK I-215

Collar Elevation 3' Above

Reference 953+00 E SBL Method Used Hand Level

Field Party Maedgen, Darry, Fisher

Rig #16



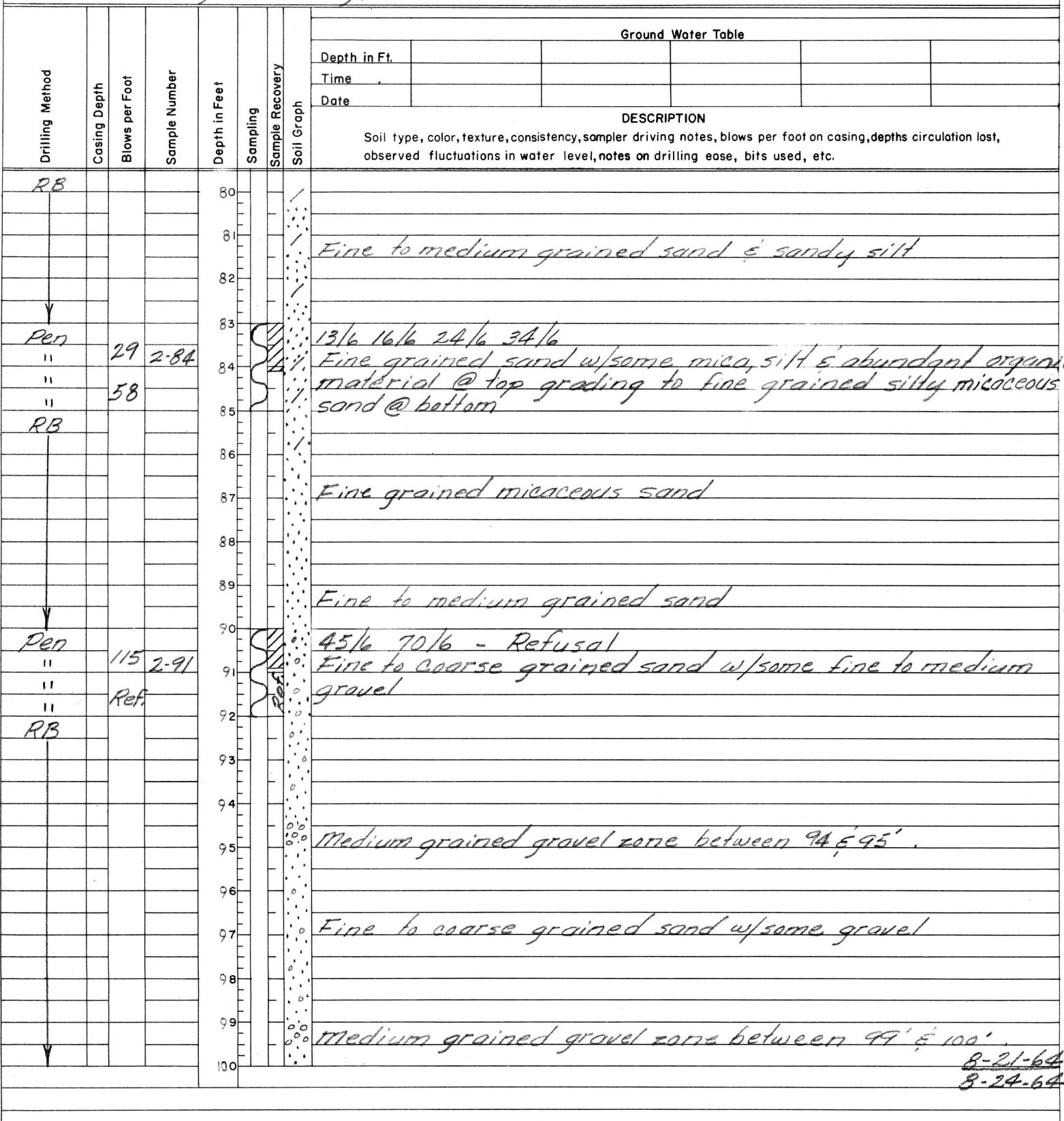
Date Begun 8-20-64
 Date Completed 8-24-64
 Hole Diameter 3 3/4"

UTAH STATE DEPARTMENT OF HIGHWAYS
 MATERIALS & RESEARCH DIVISION
 DRILLING LOG

Hole No. 2
 Sheet 5 of 6
 Total Depth 101'

Project No. I-215-7(3)299
 Project Name West Belt Route Redundant Road Connection to I-15

Type of Structure I-215 RR. Overpass
 Sta. of Structure 953 + 77.30 Hole Sta. 954 + 18 Rt. — Ft., Lt. — Ft., of & SBL I-215
 Collar Elevation 3' Above Reference 953 + 00 & SBL Method Used Hand Level
 Field Party Maedgen, Parry, Fisher Rig #16



Date Begun 8-20-64
 Date Completed 8-24-64
 Hole Diameter 3 3/4"

UTAH STATE DEPARTMENT OF HIGHWAYS
 MATERIALS & RESEARCH DIVISION
 DRILLING LOG

Hole No. 2
 Sheet 6 of 6
 Total Depth 101'

Project No. I-215 - 9(3) 297

Project Name West Belt Route Redwood Road Connection to I-15

Type of Structure I-215 R.R. Overpass

Equation Project Line Sta. 953 + 77.30 & SBL I-215
Other Line Sta. Name

Sta. of Structure 953 + 77.30

Hole Sta. 954 + 18

Rt. — Ft., Lt. — Ft., of & SBL I-215

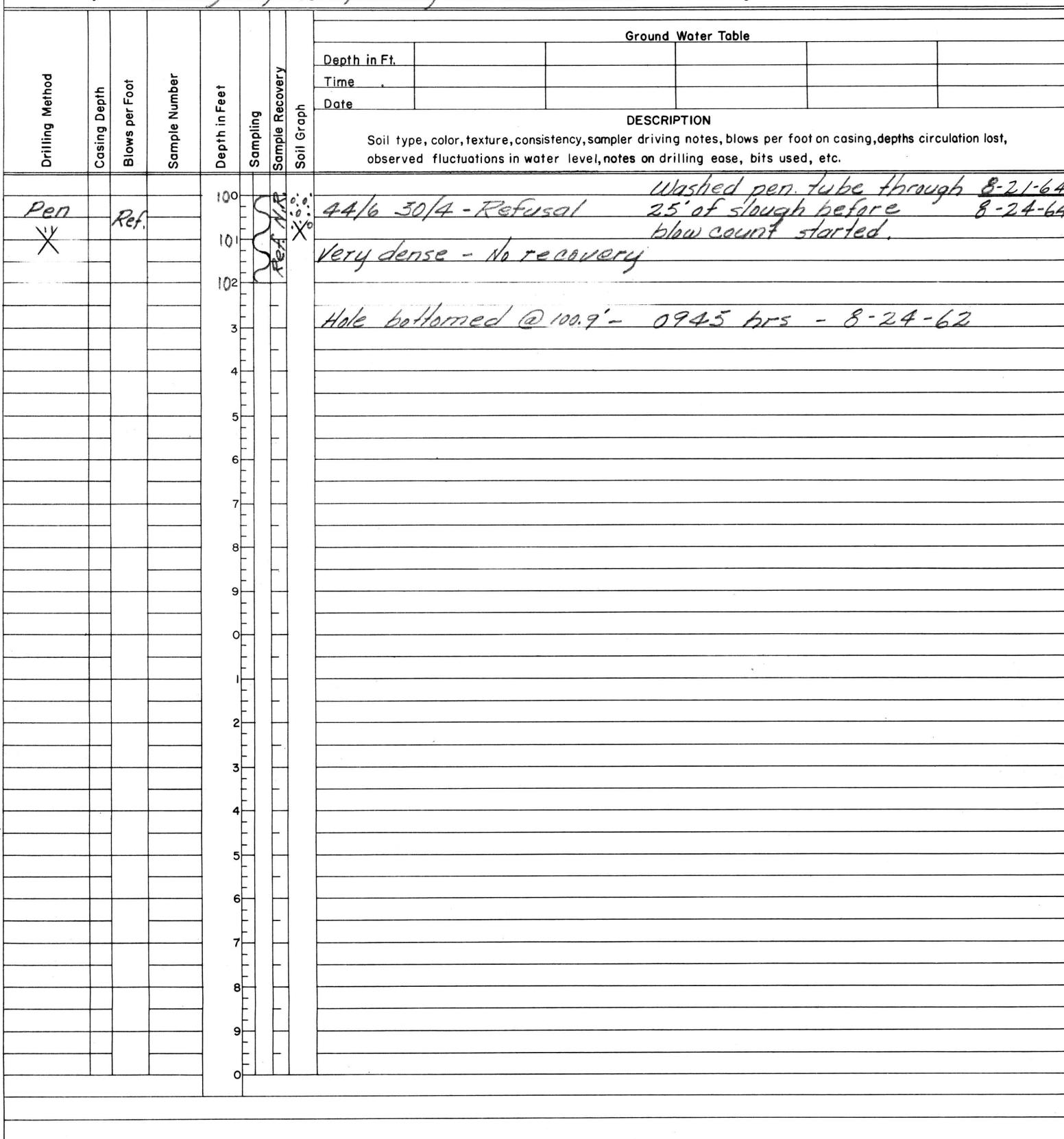
Collar Elevation 3' above

Reference 953 + 00 & SBL

Method Used Hand Level

Field Party Moedgen, Gold, Parry

Rig #16



Date Begun 9-11-64
Date Completed 9-11-64
Hole Diameter 3 3/4"

UTAH STATE DEPARTMENT OF HIGHWAYS
MATERIALS & RESEARCH DIVISION
DRILLING LOG

Hole No. 3
Sheet 1 of 5
Total Depth 100'

Project No. I-215 - 9(3) 297

Project Name West Belt Route Redwood Road Connection to I-15

Type of Structure I-215 R.R. Overpass

Equation 953 + 77.30 & SBL I-215
Other Line Sta. None

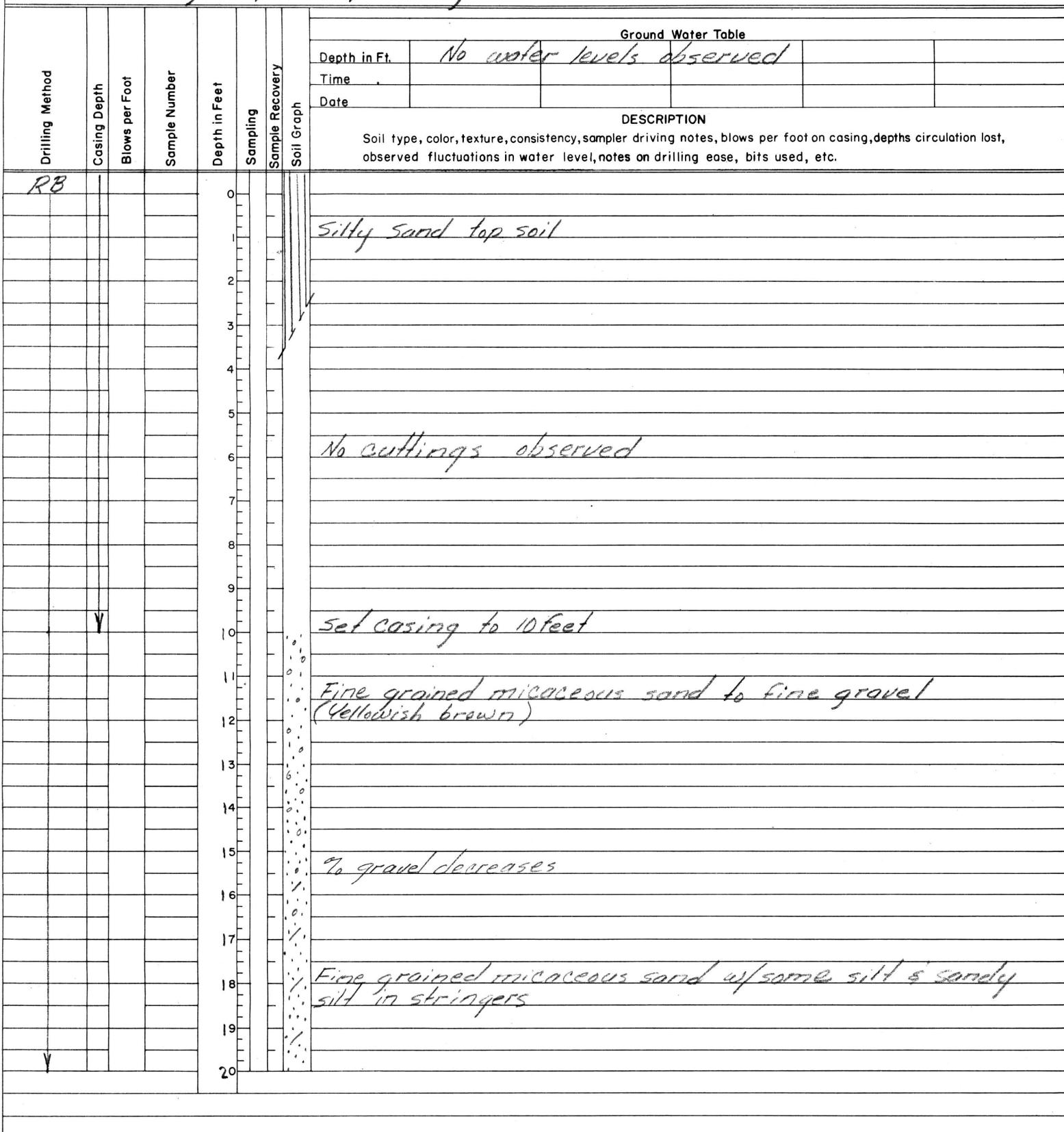
Sta. of Structure 953 + 77.30 SBL Hole Sta. 954 + 27 SBL Rt. 88 Ft., Lt. — Ft., of & SBL I-215

Collar Elevation 1.5' above

Reference 953 + 00 SBL Method Used Hand Level

Field Party Maedgen, Stark, Ramsey

Rig 4

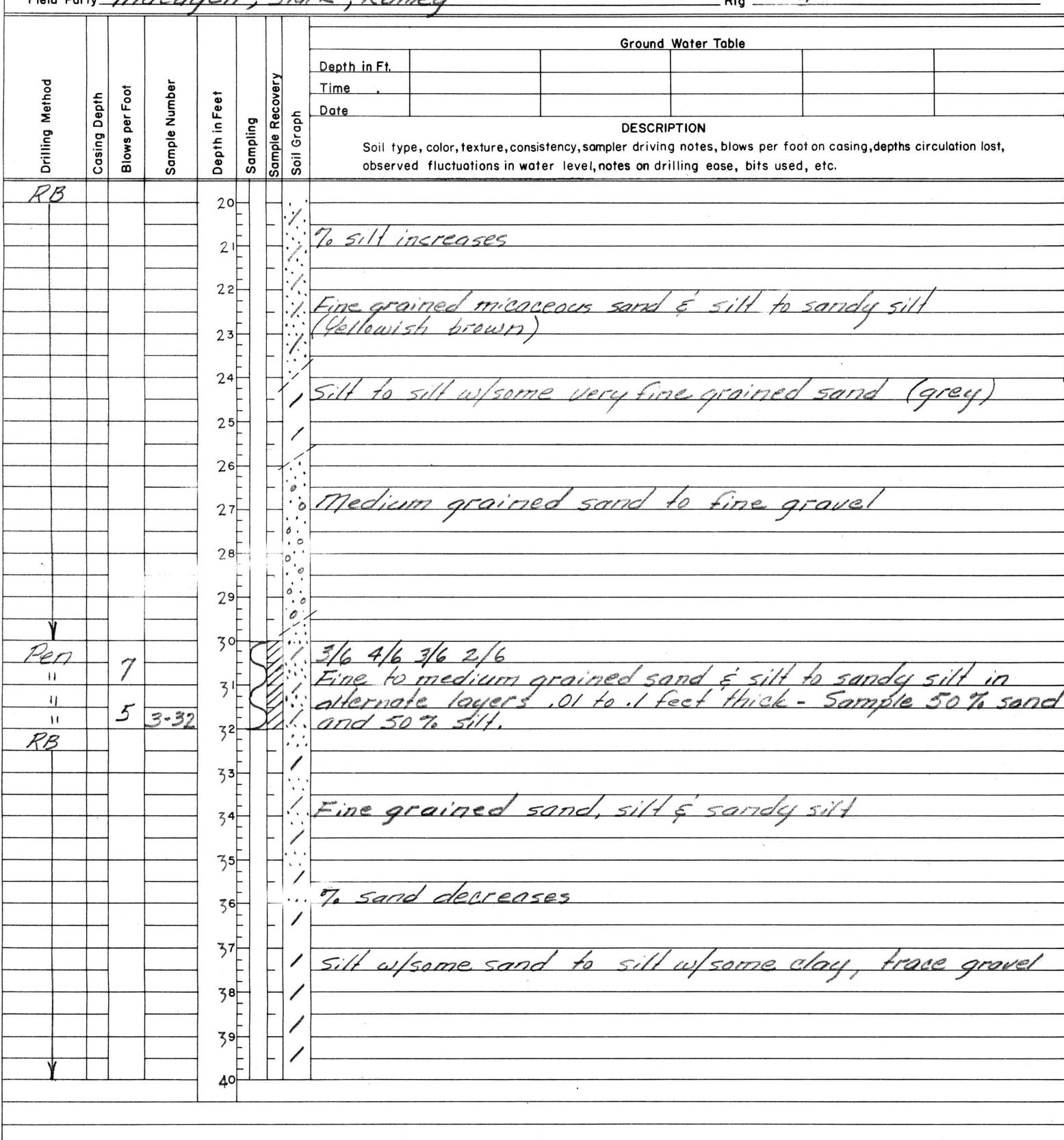


Date Begun 9-11-64Date Completed 9-11-64Hole Diameter 3 3/4"Project No. I-215-9(3) 297Project Name West Belt Route Redwood Road Connection to I-15

UTAH STATE DEPARTMENT OF HIGHWAYS

MATERIALS & RESEARCH DIVISION

DRILLING LOG

Hole No. 3Sheet 2 of 5Total Depth 100'Type of Structure I-215 R.R. Overpass Equation Project Line Sta. 953+77.30 & SBL I-215 Other Line Sta. NoneSta. of Structure 953+77.30 SBL Hole Sta. 954+27 SBL Rt. 88 Ft., Lt. — Ft., of & SBL I-215Collar Elevation 1.5' above Reference 953+00 SBL Method Used Hand LevelField Party Maedgen, Stark, Ramey Rig 4

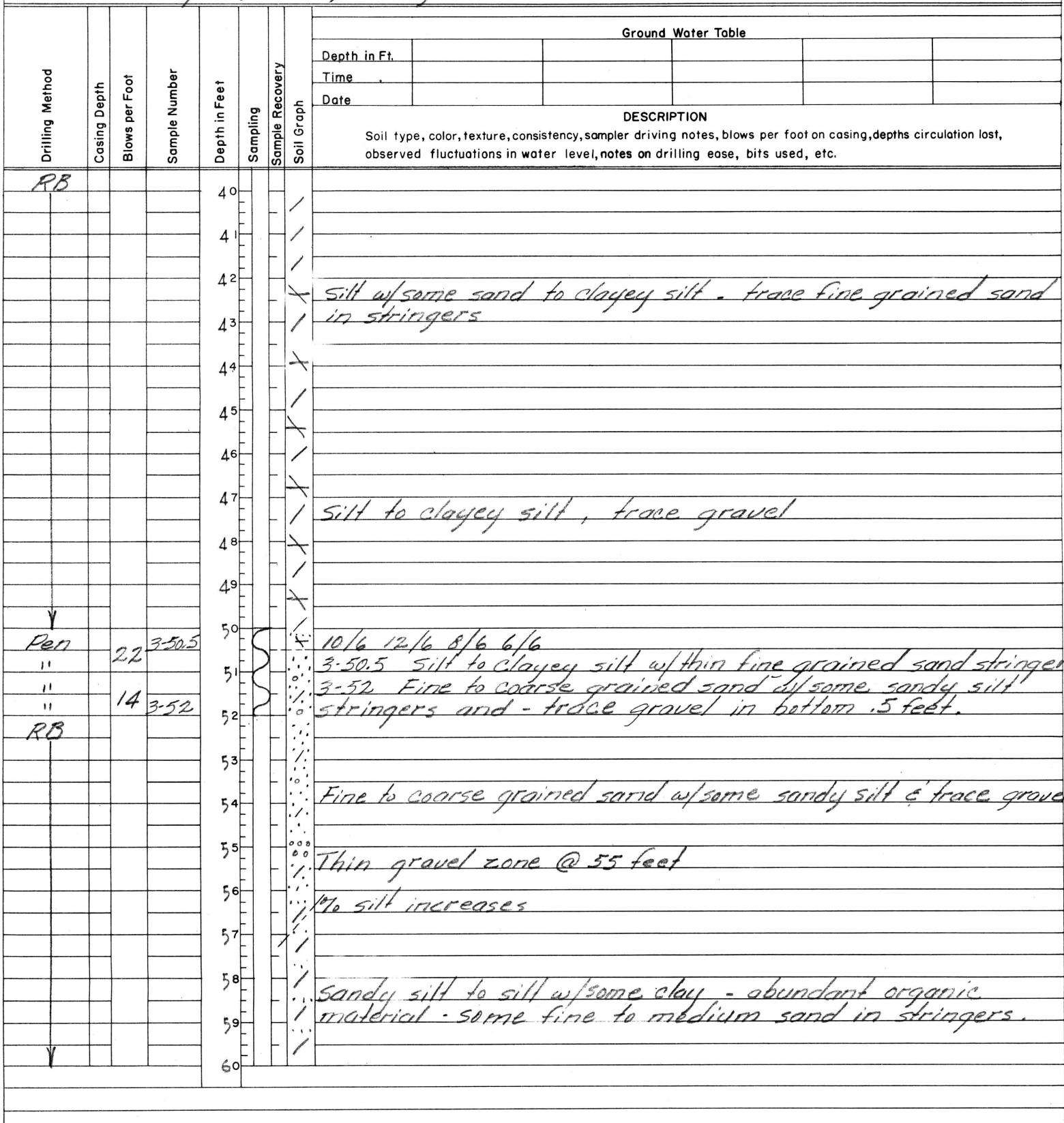
Date Begun 9-11-64
 Date Completed 9-11-64
 Hole Diameter 3 3/4"

UTAH STATE DEPARTMENT OF HIGHWAYS
 MATERIALS & RESEARCH DIVISION
 DRILLING LOG

Hole No. 3
 Sheet 3 of 5
 Total Depth 100'

Project No. I-215 - 9(3) 297
 Project Name West Belt Route Redwood Road Connection to I-15

Type of Structure I-215 R.R. Overpass
 Sta. of Structure 953 + 77.30 SBL Hole Sta. 954 + 27 SBL Equation 953 + 77.30 ± SBL I-215
 Collar Elevation 1.5' above Reference 953 + 00 SBL Method Used Hand Level
 Field Party Maedgen, Stark, Ramsey Rig 4



Date Begun 9-11-64

UTAH STATE DEPARTMENT OF HIGHWAYS

MATERIALS & RESEARCH DIVISION

DRILLING LOG

Hole No. 3

Date Completed 9-11-64

Sheet 4 of 5

Hole Diameter 3 3/4"

Total Depth 100'

Project No. I-215-9(3)297

Project Name West Bell Route Redwood Road Connection to I-15

Type of Structure I-215 R.R. Overpass Equation Project Line Sta. 953+77.30 & SBL I-215

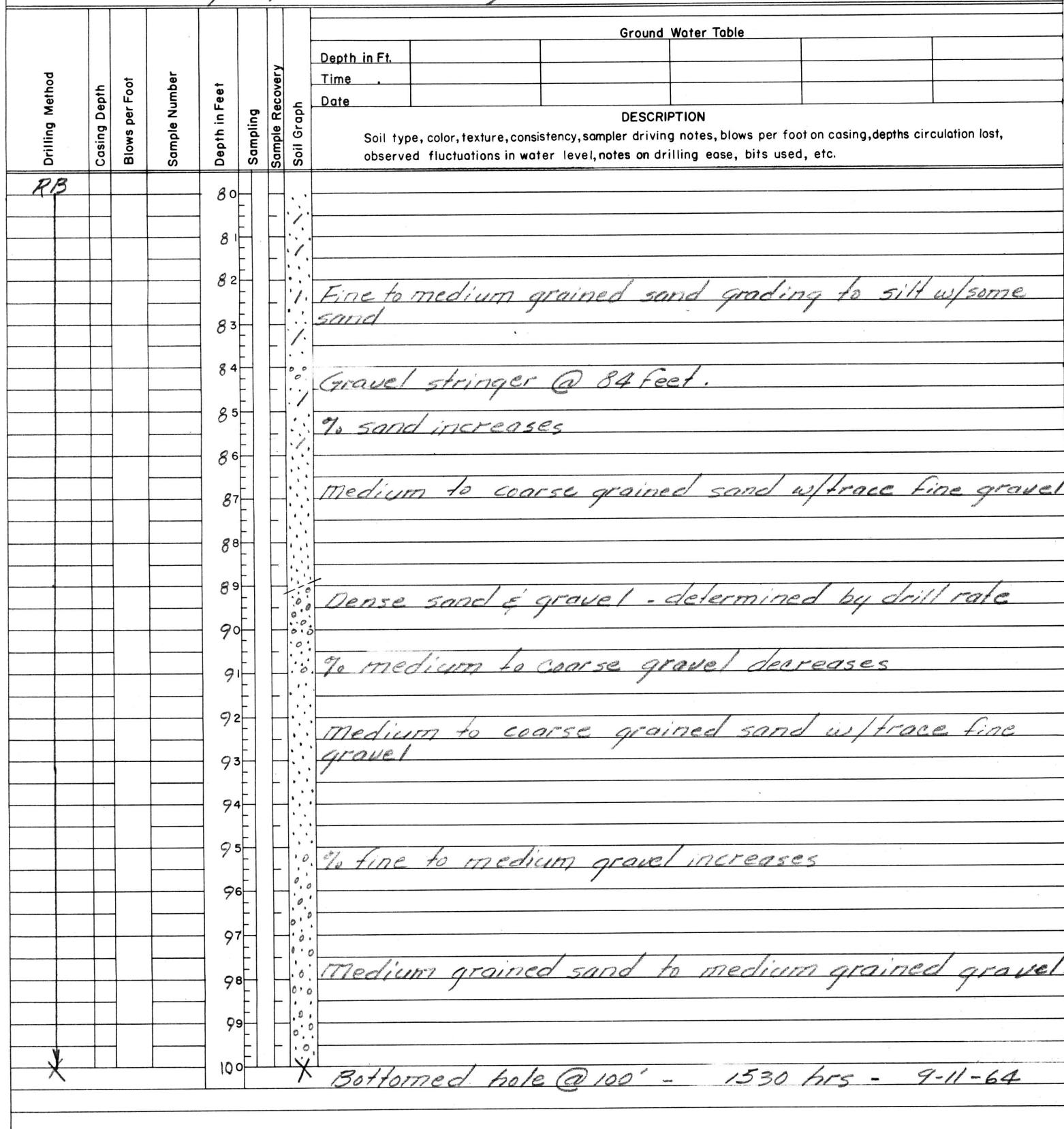
Other Line Sta. None

Sta. of Structure 953+77.30 SBL Hole Sta. 954+27 SBL Rt. 88 Ft., Lt. - Ft., of & SBL I-215

Collar Elevation 1.5' above Reference 953+00 SBL Method Used Hand Level

Field Party Maedgen, Stark, Ramey Rig 4

Drilling Method	Casing Depth	Blows per Foot	Sample Number	Depth in Feet	Sampling	Sample Recovery	Soil Graph	Ground Water Table				
								Depth in Ft.	Time	Date	DESCRIPTION	
RB				60	/							
				61	/							
				62	/							
				63	/						Sandy silt to silt w/some fine grained sand in stringers.	
				64	/							
				65	/							
				66	/						Sandy silt w/some fine grained sand in stringers	
				67	/							
				68	/							
				69	/							
				70	/							
				71	/						% sand increases	
				72	/							
				73	/							
				74	/						Fine to coarse grained sand w/trace fine gravel	
				75	/							
				76	/						% coarse sand decreases	
				77	/							
				78	/						Very fine to fine grained silty sand	
				79	/							
				80	/							

Date Begun 9-11-64UTAH STATE DEPARTMENT OF HIGHWAYS
MATERIALS & RESEARCH DIVISION
DRILLING LOGHole No. 3
Sheet 5 of 5
Total Depth 100'Date Completed 9-11-64Hole Diameter 3 3/4"Project No. I-215-9(3)297Project Name West Belt Route Redwood Road Connection to I-15Type of Structure I-215 R.R. OverpassEquation Project Line Sta.
Other Line Sta.953+77.30 ± SBL I-215NoneSta. of Structure 953+77.30Hole Sta. 954+27 SBLRt. 88 Ft., Lt. - Ft., of & SBL I-215Collar Elevation 1.5' aboveReference 953+00 ± SBLMethod Used Hand LevelField Party Maedgen, Stark, RameyRig 4

Bee Line Refinery

N.E. 1/4 Sec. 11,
T. IN., R. I.W.

1/4 section Line

S.E. 1/4 Sec. 11,
T. IN., R. I.W.

California Oil Co.

Salt Lake Pipeline Co.

D & R. G.W. R.R. R/W Fence

D & R. G.W. R.R.

M.R. 31.64 U.P.R.R. Siding
U.P.R.R. S.B.
U.P.R.R. N.B.
18" C.I. Pipe
② - 8" Oil Line
U.P.R.R. R/W Fence
Road Commission.

26" Casing for 20" Natural Gas Line

Utah

LEGEND

① Drill Hole and Number

Scale: 1" = 50'

I-15 TO I-15 NEAR
CUDAHY LANE

I-215 SOUTH BOUND
OVER D.E.R.G.W. E.
U.P.RR.

Two T.H.'s ON SBL STRUCTURE
SITE -

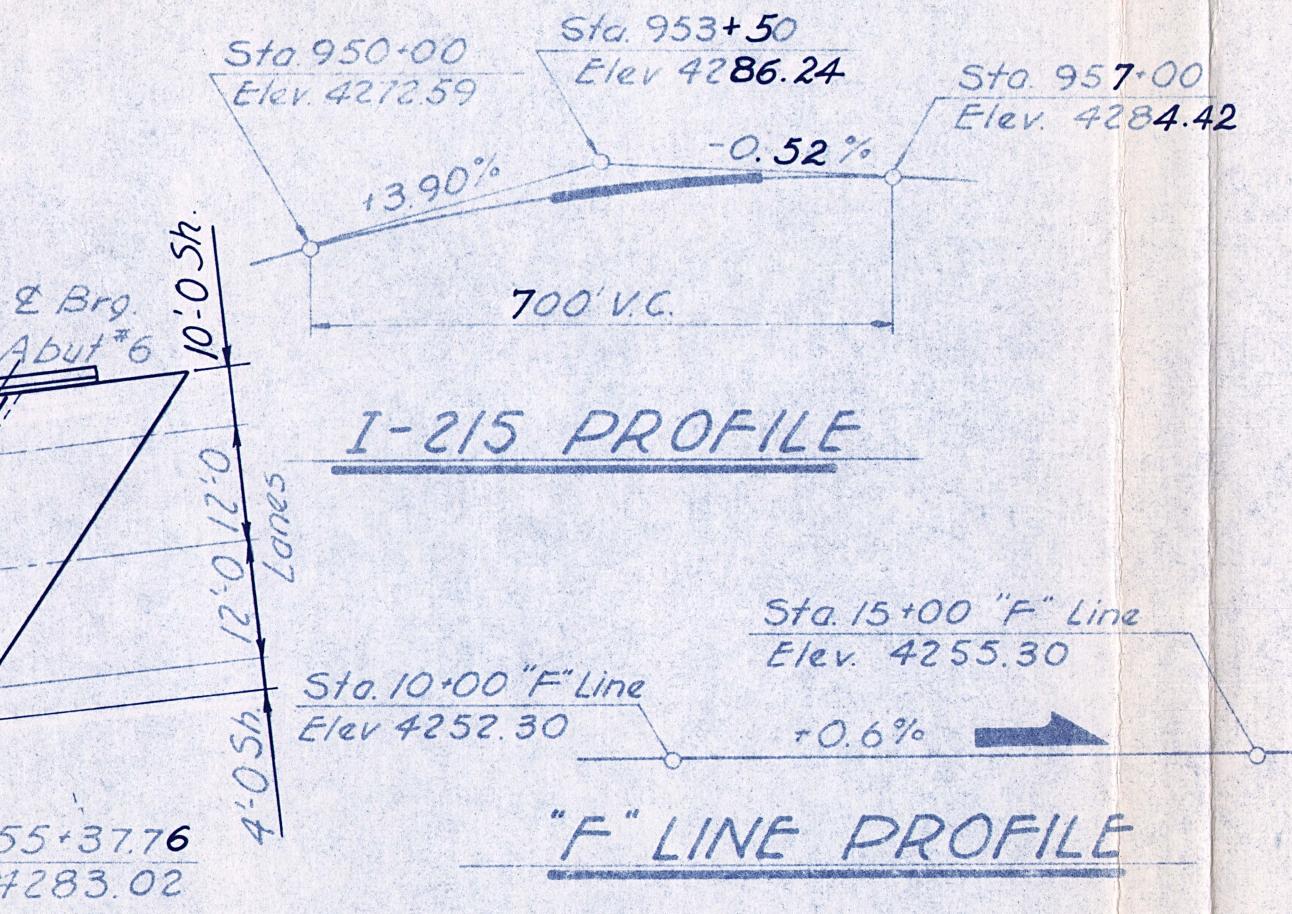
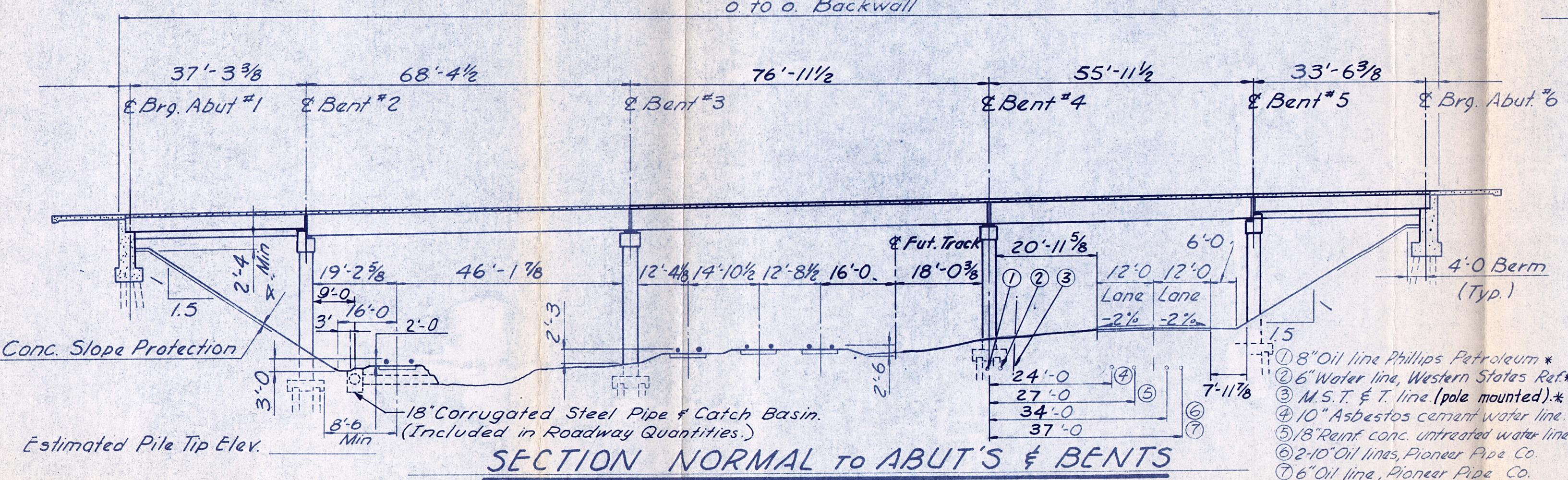
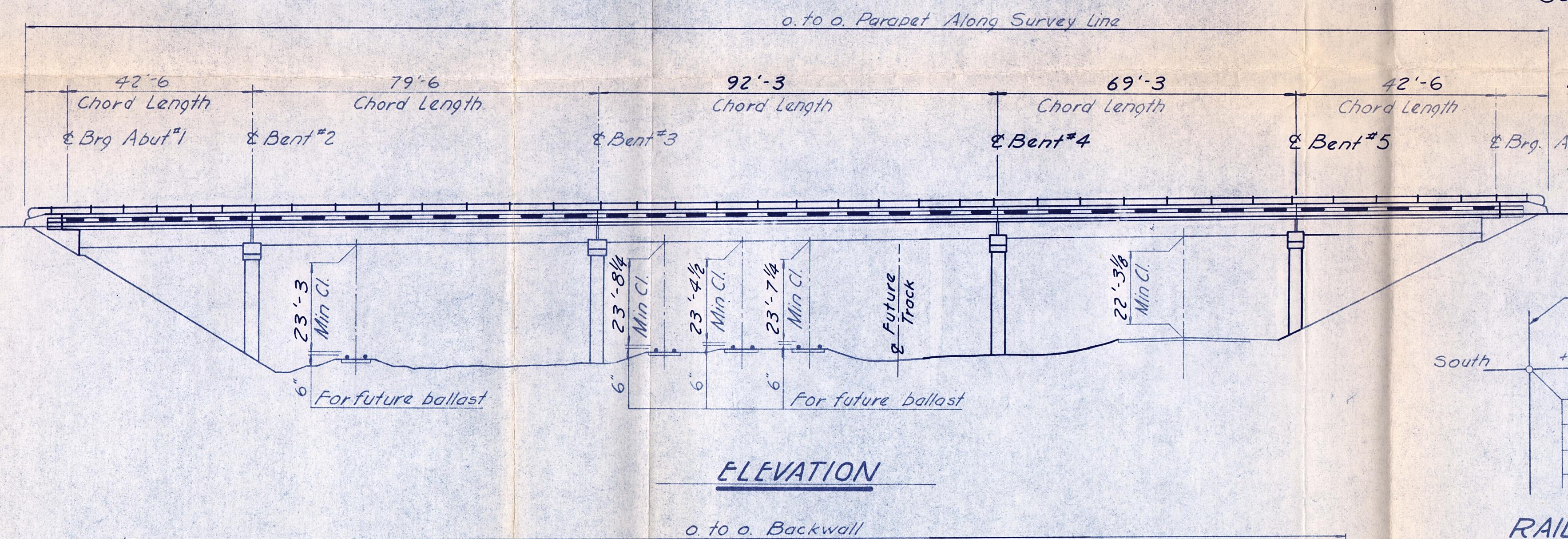
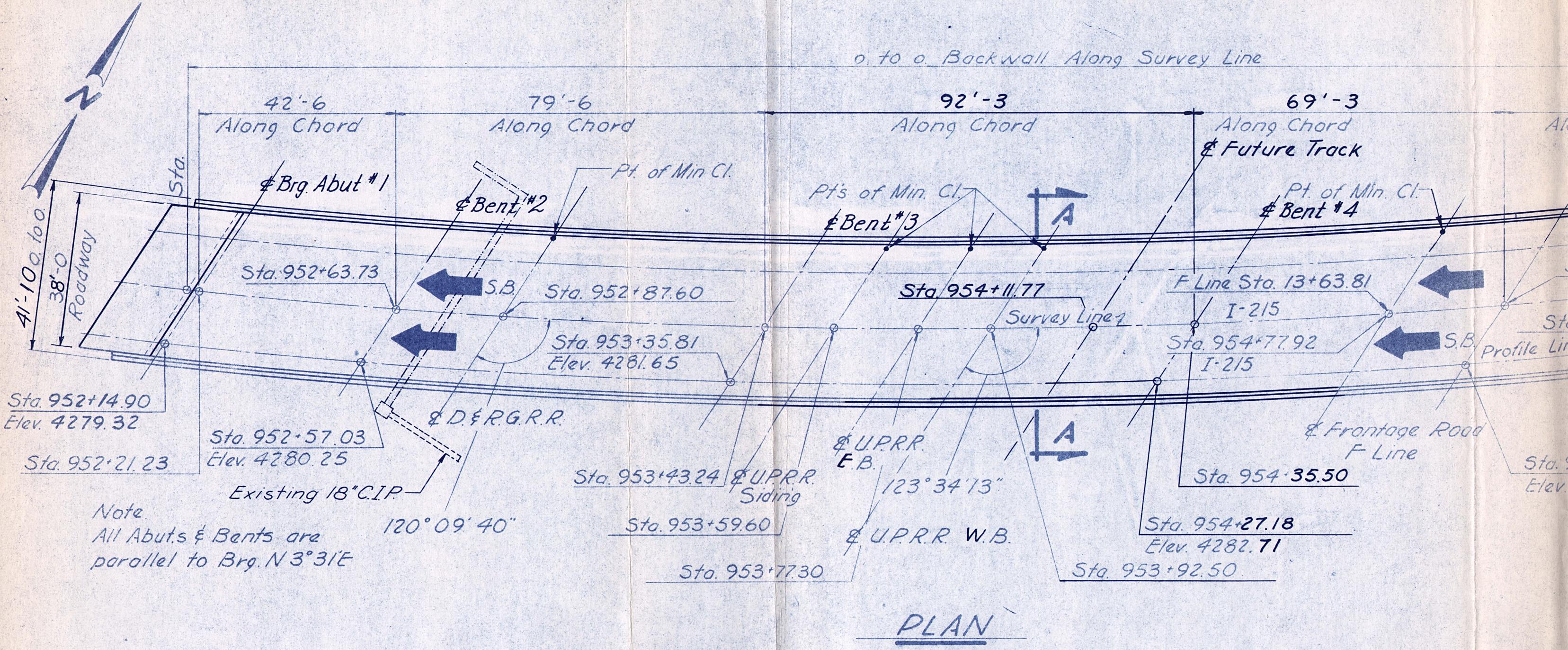
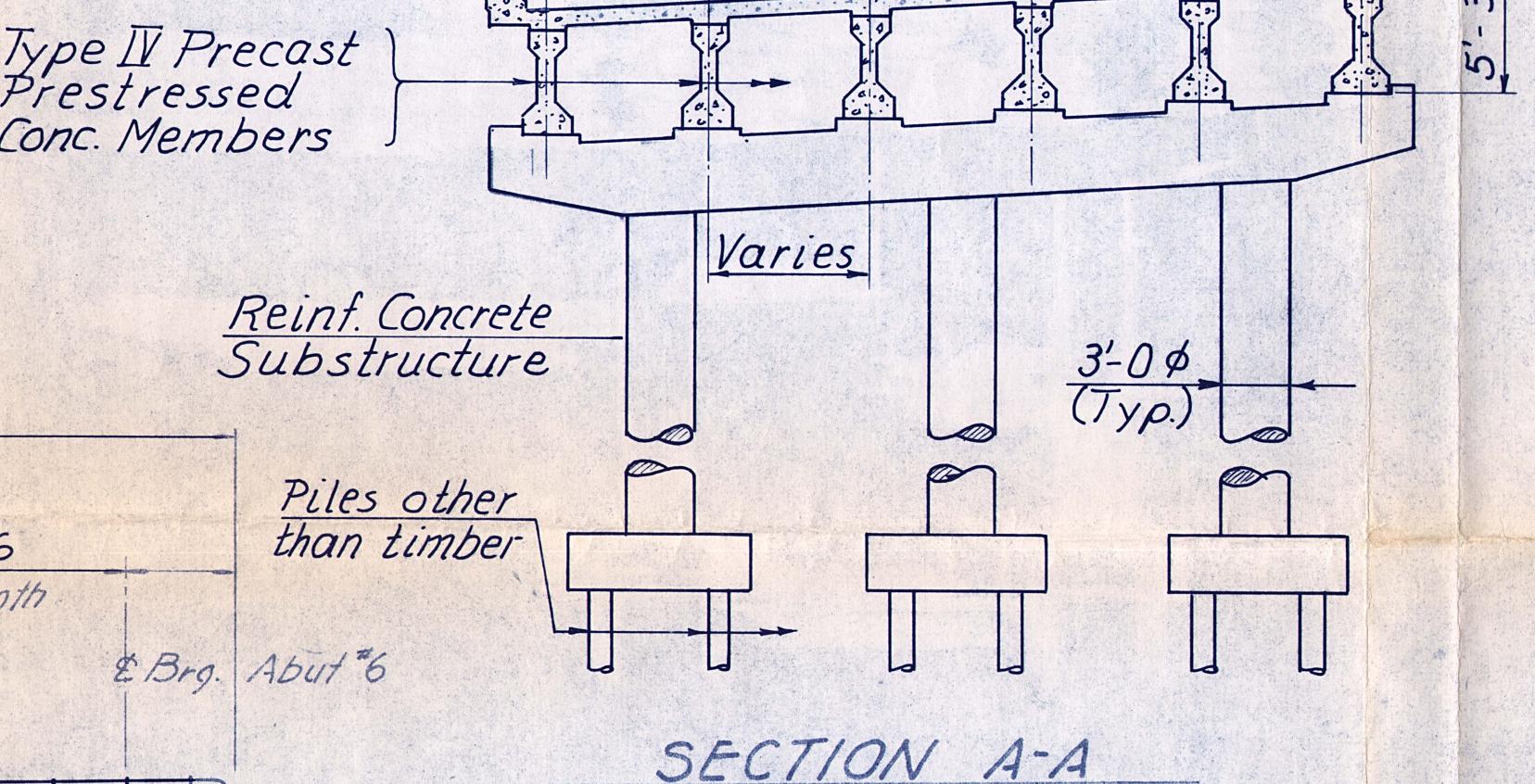
T.H. #2 - 101'

T.H. #7 - 110'

CORRELATION GOOD
HOLES LOCATED ON
STRUCTURE PLAN -

Watts

9-12-67

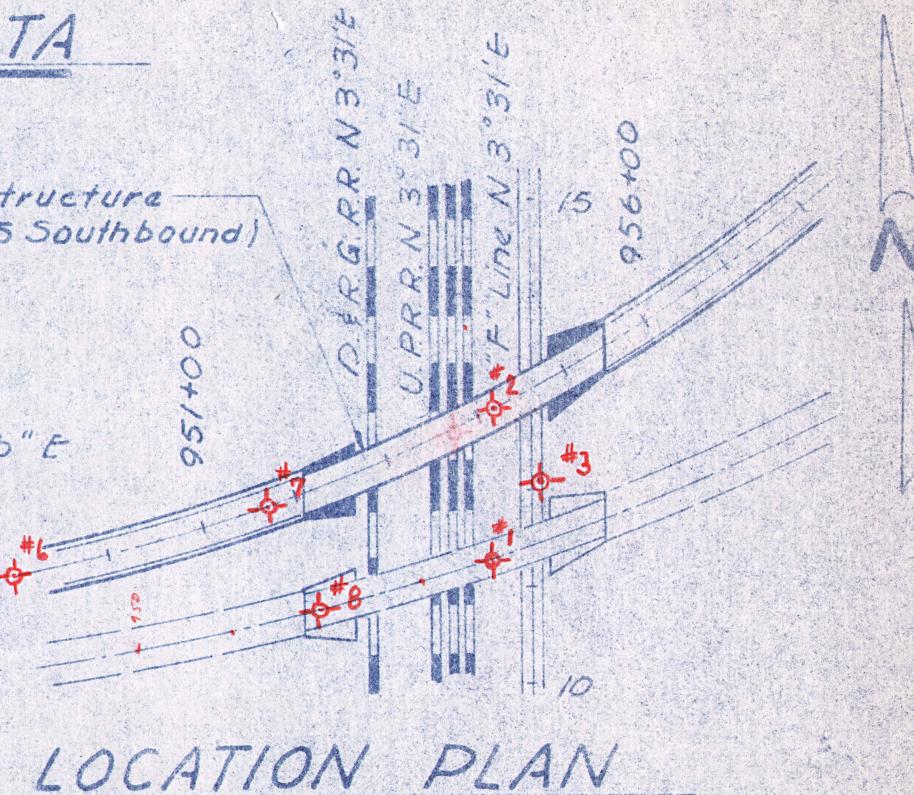
**"F" LINE PROFILE****RAILROAD PROFILES****INDEX TO SHEETS**

- 1- SITUATION & LAYOUT
- 2-
- 3-
- 4-
- 5-
- 6-
- 7-
- 8-
- 9-
- 10-
- 11-
- 12-
- 13-
- 14-
- 15-
- 16-
- 17-
- 18-
- 19-
- 20-

- ① 8" Oil line Phillips Petroleum *
- ② 6" Water line Western States Ref. *
- ③ M.S.T. & T. line (pole mounted) *
- ④ 10" Asbestos cement water line. 11-
- ⑤ 18" Reinforced untreated water line
- ⑥ 20" Oil lines Pioneer Pipe Co.
- ⑦ 6" Oil line Pioneer Pipe Co.
- * To be relocated

CURVE DATA

$\Delta = 35^\circ 23' 58'' LT.$
 $D = 3^\circ 15'$
 $R = 1762.95'$
 $T = 562.62$
 $L = 1089.21$
 $PC = 9444+80.03$
 $PI = 950+42.65$
 $PT = 955+69.24$
 $P.C. to PI N 89^\circ 36' 06'' E$

**GENERAL NOTES**

- Materials construction and workmanship shall be in accordance with the State of Utah Standard Specifications for Road and Bridge Construction, 1960 Edition, and Supplements thereto which are in effect at the date of request for bids.
- All reinforcing steel shall be intermediate grade billet steel, conforming with A.A.S.H.O. designation M-31. Deformations shall conform with A.A.S.H.O. designation M-137.
- Exposed concrete corners shall be chamfered $3/4$ except where noted otherwise.
- Cover to Reinforcing Steel shall be 2 inches except where noted otherwise.

DESIGN DATA

HS20-44 or Interstate Alternate Loading in accordance with A.A.S.H.O. Specifications of 1965

Cast-in-place Concrete: $f_c = 3,000 \text{ p.s.i.}$, $f_s (\text{Reinf.}) = 20,000 \text{ p.s.i.}$, $f_c = 1,200 \text{ p.s.i.}$, $n = 10$, $f_c = 5,000 \text{ p.s.i.}$, $f_s (\text{Non-Prestressed}) = 20,000 \text{ p.s.i.}$, $n = 6$

Prestressed Concrete:

Wearing Surface: 1" Concrete, 15 lbs/sq. ft. Future surface

QUANTITIES

ITEM	ESTIMATED UNIT	AS CONST.
Excavation for Structure (Unclassified)	CU YD.	
Class "A" Concrete (AE)	CU YD.	
Reinforcing Steel	LB	
Structural Steel	LB	
Metal Railing (Single Rail)	Lin Ft.	
Concrete Slope Protection	Sq. Yd.	
Mechanical Tamping	Hour	
Prestressed Conc. Member Type IV	Each	
Prestressed Conc. Member Type IV	Each	
Prestressed Conc. Member Type IV	Each	
Prestressed Conc. Member Type IV	Each	
Prestressed Conc. Member Type IV	Each	
Prestressed Conc. Member Type IV	Each	
Prestressed Conc. Member Type IV	Each	
Prestressed Conc. Member Type IV	Each	
Prestressed Conc. Member Type IV	Each	
Prestressed Conc. Member Type IV	Each	
Elastomeric Bearing Pad (1 inch thick)	Sq. Ft.	
Pile (other than timber)	Lin Ft.	
Furnishing Pile Driving Equipment	Lump	
Test Pile	Lin Ft.	

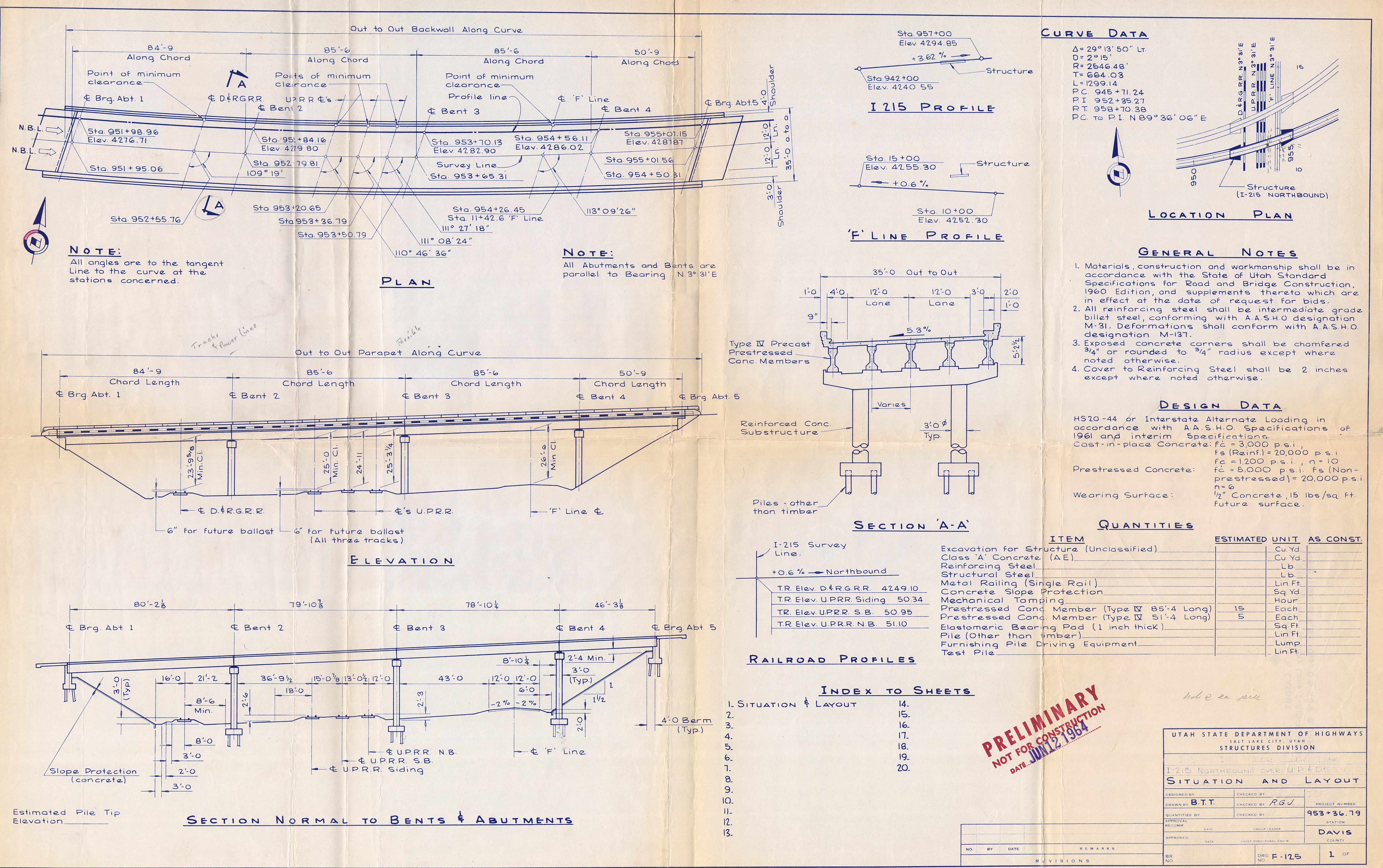
**PRELIMINARY
NOT FOR CONSTRUCTION
DATE AUG 16 1967**

UTAH STATE DEPARTMENT OF HIGHWAYS	
SALT LAKE CITY, UTAH	
STRUCTURES DIVISION	
I-15 TO I-15 NEAR CUDAHY LANE	
I-215 SOUTHBOUND OVER D&RGW & UPRR	
SITUATION & LAYOUT	
DESIGNED BY	CHECKED BY
DRAWN BY ALP	CHECKED BY REG
QUANTITIES BY	CHECKED BY
APPROVAL REC'D.	DATE
APPROVED	DATE
GROUP LEADER	CHIEF STRUCTURAL ENG.
APPROVED DATE	DATE
NO. BY DATE	REMARKS
REVISIONS	
BR. NO.	DRG. NO.

953+77.30 STATION

Salt Lake COUNTY

F-126 1 OF



SITUATION & LAYOUT
I-15 to I-15 Near Cudahy Lane I-215-9(3)297
I-215 S.B.L. & N.B.L. Over D & RGW & UPRR