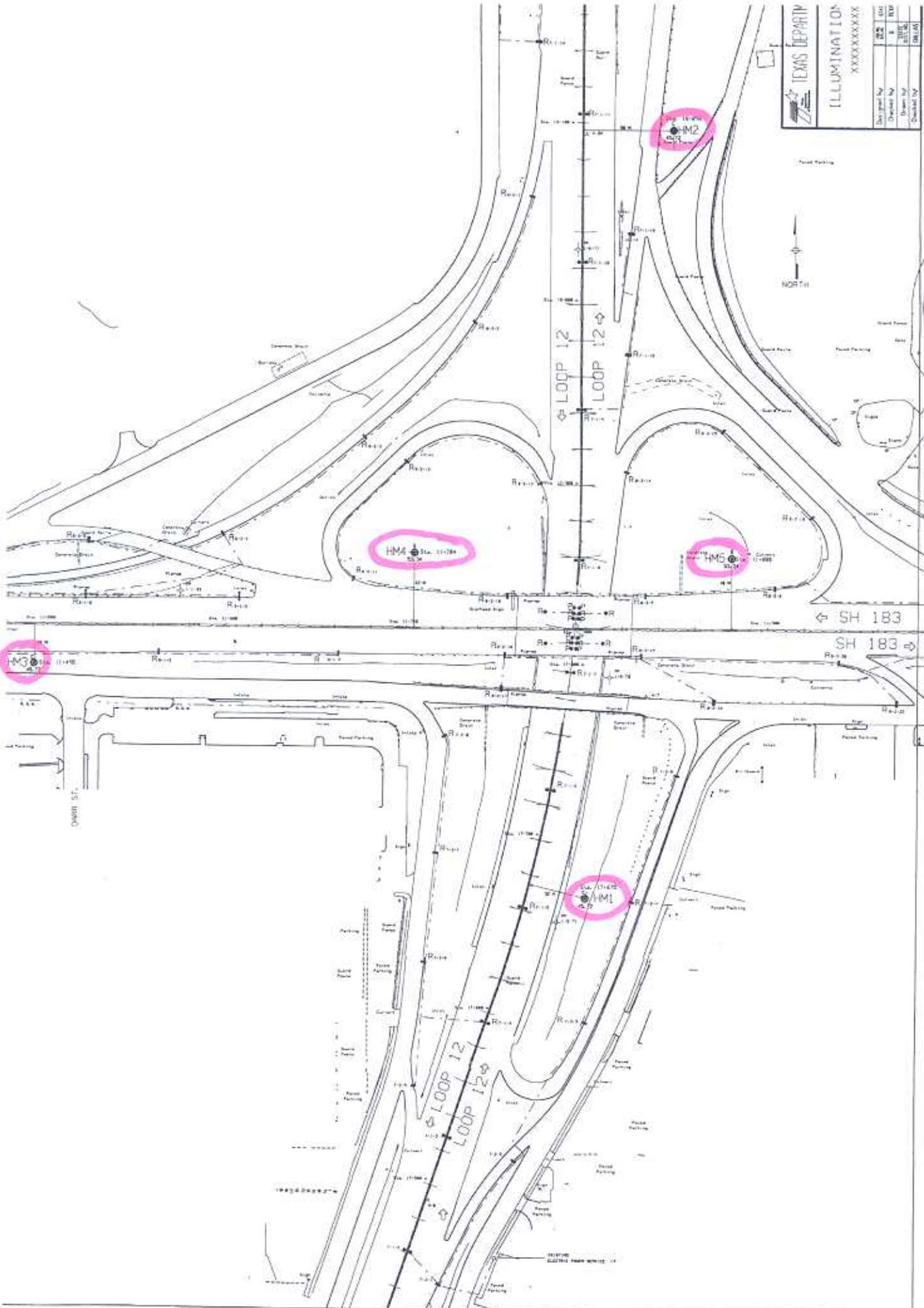



TEXAS DEPARTMENT OF TRANSPORTATION
ILLUMINATION
 XXXXXXXXXXXX
 Drawn by: []
 Checked by: []
 Date: []
 Scale: []
 Sheet No: []



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

PROFESSIONAL SERVICE INDUSTRIES, INC.
RECORD OF SUBSURFACE EXPLORATION

COUNTY: DALLAS	STRUCTURE: ILLUMINATION REFURBISHING; LIGHTING POLES	THD DIST.: 18
GHWAY NO.: SH 183	HOLE NO.: CH-1	DATE: 6/22/98
CONTROL: 0094-03-079	STATION: 17+675	GRD. ELEV.: 149.4m; 454.2'
IPE:	LOCATION:	GRD. WATER ELEV.:
		AT COMPLETION: 434.2'

ELEV. FT.	EPPTH FT.	LOG	D PEN. TEST NO. OF BLOWS		DESCRIPTION OF MATERIAL	DEPTH M	ELEV. M	
			1st 6" (152 mm)	2nd 6" (152 mm)				
454.2	0				CLAY, sandy, with gravel, tan, stiff, moist	0 -	149.406	
	5		10	15			2 -	147.434
448.2						SAND, tan, slightly compact, moist to water-bearing		
	10		8	19		SAND, with gravel, tan, loose, wet	4 -	146.118
444.2								
	15		8	11		CLAY, gray and tan, soft, moist		144.474
439.2								
	20		9	10		CLAY, sandy, gray and tan, soft, moist	6 -	142.829
434.2								2
	25		15	11		CLAY, shaley, gray and tan, stiff, moist		141.513
430.2								
	30		50@4 3/4" (121 mm)	50@4 1/2" (114 mm)		BORING TERMINATED AT 30'	8 -	140.855
428.2						SHALE, gray, very soft, moist		
	35						10 -	139.535
	40						12 -	
	45						14 -	
	50					16 -		
	55							

EMARKS:

Northing: 2,130,987.600
 Easting: 748,496.154

1. Water encountered at a depth of 9' during drilling.
2. Water present at a depth of 20' at completion.

DRILLER: B. WEDDELL LOGGER: R. NUDGE

PROFESSIONAL SERVICE INDUSTRIES, INC.
RECORD OF SUBSURFACE EXPLORATION

COUNTY: DALLAS STRUCTURE: ILLUMINATION REFURBISHING; LIGHTING POLES THD DIST.: 18
 HWY NO.: SH 183 HOLE NO.: CH-2 DATE: 6/22/98
 CONTROL: 0094-03-079 STATION: 18+096 GRD. ELEV.: 147.4m; 448.1'
 IPE: LOCATION: GRD. WATER ELEV. 420.1'
 AT COMPLETION: 420.1'

ELEV. FT.	EPTH FT.	LOG	D PEN. TEST NO. OF BLOWS		DESCRIPTION OF MATERIAL	DEPTH M	ELEV. M
			1st 6" (152 mm)	2nd 6" (152 mm)			
448.1	0				CLAY, sandy, with gravel, reddish brown and tan, soft, moist	0 -	147.4
	5		7	8		2 -	
438.1	10		7	9	CLAY, silty, gray and tan, soft to stiff, moist	4 -	144.112
433.1	15		50@4 3/4" (121 mm)	50@4 1/2" (114 mm)	SAND, tan, dense, wet		142.467
428.1	20		15	16	CLAY, gray and tan, stiff, moist to wet	6 -	140.822
423.1	25		47	50@5 1/2" (140 mm)	SHALE, gray, very soft, moist	8 -	139.178
418.1	30		50@6" (152 mm)	50@5" (127 mm)	BORING TERMINATED AT 30'	10 -	137.533
	35						
	40					12 -	
	45					14 -	
	50					16 -	
	55						

EMARKS:

Northing: 2,131,445.143
 Easting: 748,543.163

1. Water encountered at a depth of 21' during drilling.
2. Water present at a depth of 28' at completion.

DRILLER: B. WEDDELL LOGGER: R. NUDGE

PROFESSIONAL SERVICE INDUSTRIES, INC.
RECORD OF SUBSURFACE EXPLORATION

COUNTY: DALLAS STRUCTURE: ILLUMINATION REFURBISHING; LIGHTING POLES THD DIST.: 18
 HWY NO.: SH 183 HOLE NO.: CH-3 DATE: 6/23/98
 CONTROL: 0094-03-079 STATION: 11+495 GRD. ELEV.: 152.4m; 463.3'
 IPE: LOCATION: GRD. WATER ELEV. AT COMPLETION: 444.3'

ELEV. FT.	EPH FT.	LOG	D PEN. TEST NO. OF BLOWS		DESCRIPTION OF MATERIAL	DEPTH M	ELEV. M
			1st 6" (152 mm)	2nd 6" (152 mm)			
463.3	0				SAND, clayey, reddish brown, loose, moist	0 -	152.401
458.3	5		8	7	CLAY, sandy, reddish brown and gray, soft to stiff, moist	2 -	150.757
452.3	10		18	13	CLAY, silty, tan, stiff, moist	4 -	148.783
	15		15	18			
445.3	20		24	26	SAND, tan, slightly compact to dense, water-bearing	6 -	146.48
	25	10	12		8 -		
433.3	30	50@5" (127 mm)	50@4" (102 mm)	BORING TERMINATED AT 30'	10 -	142.533	
	35						
	40				12 -		
	45				14 -		
	50						
	55				16 -		

EMARKS:





Northing: 2,131,146.322
 Easting: 748,139.589

1. Water encountered at a depth of 21' during drilling.
2. Water present at a depth of 19' at completion.

DRILLER: B. WEDDELL LOGGER: R. NUDGE

PROFESSIONAL SERVICE INDUSTRIES, INC.
 RECORD OF SUBSURFACE EXPLORATION

COUNTY: DALLAS STRUCTURE: ILLUMINATION REFURBISHING; LIGHTING POLES THD DIST.: 18
 HWY NO.: SH 183 HOLE NO.: CH-4 DATE: 6/22/98
 CONTROL: 0094-03-079 STATION: 11+704 GRD. ELEV.: 147.8m; 449.2'
 IPE: LOCATION: GRD. WATER ELEV. AT COMPLETION: 429.2'

ELEV. FT.	DEPTH FT.	LOG	D PEN. TEST NO. OF BLOWS		DESCRIPTION OF MATERIAL	DEPTH M	ELEV. M
			1st 6" (152 mm)	2nd 6" (152 mm)			
449.2	0				CLAY, sandy, tan, soft, moist	0 -	147.75
	5		7	8		2 -	
441.2	10		6	7	CLAY, silty, tan, soft to stiff, moist	4 -	145.132
434.2	15		13	18	SAND, silty, clayey, tan, slightly compact, water-bearing		142.829
	20		18	22		6 -	140.856
428.2	25		20	23	CLAY, shaley, gray and brown, stiff to very stiff, moist	8 -	139.211
423.2	30				SHALE, gray, very soft, moist		137.895
419.2			50@5 1/2" (140 mm)	50@3 3/4" (95 mm)	BORING TERMINATED AT 30'	10 -	
	35						
	40						
	45						
	50						
	55						

EMARKS:


Northing: 2,131,220.779
 Easting: 748,385.180

1. Water encountered at a depth of 16' during drilling.
2. Water present at a depth of 20' at completion.

DRILLER: B. WEDDELL LOGGER: R. NUDGE

PROFESSIONAL SERVICE INDUSTRIES, INC.
 RECORD OF SUBSURFACE EXPLORATION

COUNTY: DALLAS STRUCTURE: ILLUMINATION REFURBISHING; LIGHTING POLES THD DIST.: 18
 HWY NO.: SH 183 HOLE NO.: CH-5 DATE: 6/22/98
 CONTROL: 0094-03-079 STATION: 11+880 GRD. ELEV.: 143.6m; 436.6'
 IPE: LOCATION: GRD. WATER ELEV. AT COMPLETION: 415.6'

ELEV. FT.	DEPTH FT.	LOG	D PEN. TEST NO. OF BLOWS		DESCRIPTION OF MATERIAL	DEPTH M	ELEV. M	
			1st 6" (152 mm)	2nd 6" (152 mm)				
436.6	0				CLAY, sandy, tan, very soft, moist	0 -	143.631	
	5		3	4			2 -	141.316
429.6						CLAY, silty, dark brown, soft, moist		
	10		4	4				139.671
424.6						CLAY, sandy, silty, gray, soft, moist	4 -	
	15		5	9				138.026
419.6						SAND, clayey, gray and tan, loose, water-bearing		1
	20		8	10			6 -	2
414.6						CLAY, shaley, gray and tan, soft to hard, moist		
	25		45	44			8 -	
408.6						SHALE, gray, very soft, moist		134.408
406.6	30		50@4 1/2" (114 mm)	50@3" (76 mm)		BORING TERMINATED AT 30'		133.75
	35						10 -	
	40						12 -	
	45						14 -	
	50						16 -	
	55							

EMARKS:

Northing: 2,131,217.498
 Easting: 748,569.551

1. Water encountered at a depth of 16' during drilling.
2. Water present at a depth of 21' at completion.

DRILLER: B. WEDDELL LOGGER: R. NUDGE