

CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
Falling Weight Deflectometer Test Data

Lab No.:	<u>17-702-1780</u>	Section ID:	<u>1071800B</u>
W.O. No.:	<u>S17A0003</u>	Ref. No.:	<u>2009011089</u>
Location:	<u>2054 Century Park W</u>		
Class of Street:	<u>Select</u>	Avg. Ambient Temp.	
Trench No.:	<u>82</u>	1-Day Before:	<u>57.0 °F</u> Date: <u>01/06/17</u>
Dimension:	<u>133'6" x 3'</u>	Avg. Pavement Temp. (T):	<u>70.2 °F</u> Start Time (T): <u>08:32:03</u>
Two way ADT:	<u>17,234</u>	Avg. Pavement Temp. (C):	<u>64.8 °F</u> Start Time (C): <u>10:17:56</u>
Cum. ESALs:	<u>2,410,343</u>	Design Period (Years):	<u>10</u> Operators: <u>PL/MW</u>

Deflections									
Location (See Diagram)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
Trench (Patched)									
1	8.74	11.01	9.93	8.89	7.54	6.50	4.46	2.56	70.0
2	8.72	10.49	9.47	8.51	7.31	6.25	4.36	2.40	70.0
3	8.89	6.52	6.28	5.59	4.82	4.22	3.09	1.64	74.0
4	8.69	9.17	8.44	7.18	5.83	5.00	3.59	2.08	69.0
C	8.72	8.15	8.13	7.61	6.84	5.96	4.19	2.10	70.0
5	8.28	9.72	9.05	8.05	6.69	5.44	3.37	1.47	69.0
6	8.47	9.57	9.41	8.26	7.01	5.95	4.00	2.02	69.0
7	8.98	9.65	8.76	7.95	6.93	5.94	4.15	2.01	71.0
8	8.59	8.46	8.21	7.69	6.91	6.09	4.51	2.34	72.0
Control (Non-Patched)									
1	8.98	8.49	7.14	6.33	5.15	4.33	2.75	1.35	64.0
2	8.98	7.95	6.94	6.22	5.10	4.18	2.70	1.32	64.0
3	9.03	7.13	6.94	6.16	5.06	4.18	2.64	1.30	63.0
4	8.98	7.81	6.89	6.14	4.98	4.15	2.55	1.20	64.0
5	8.91	8.18	6.89	6.08	4.95	4.01	2.36	1.12	64.0
6	8.84	7.40	6.30	5.71	4.81	3.89	2.42	1.10	63.0
7	8.69	7.15	6.25	5.50	4.56	3.76	2.24	1.09	67.0
8	8.89	6.22	5.81	5.35	4.56	3.96	2.59	1.17	69.0

Pavement Thickness						Deflection Location Diagram	
Core	Inside of Trench		Outside of Trench		Control		
	Thick	Type	Thick	Type	Thick	Type	
Existing AC (inch)	8.1	C2	13.0	C2	12.4	C2	
Base	-		5.5		4.6		
Total	8.1		18.5		17.0		
Sub Grade	Sandy Silt		Sandy Silt		Sandy Silt		
<u>Sub Grade Description:</u> See Appendix C							
<u>Pavement Conditions:</u> See PCI Report							
<u>Remarks:</u> Trench at 2054 Century Park W 25' E/o WCF, 75' S/o proj. SCF Solar Wy Control at 2054 Century Park W 25' E/o WCF, 225' S/o proj. SCF Solar Wy FWD reading Case 3							

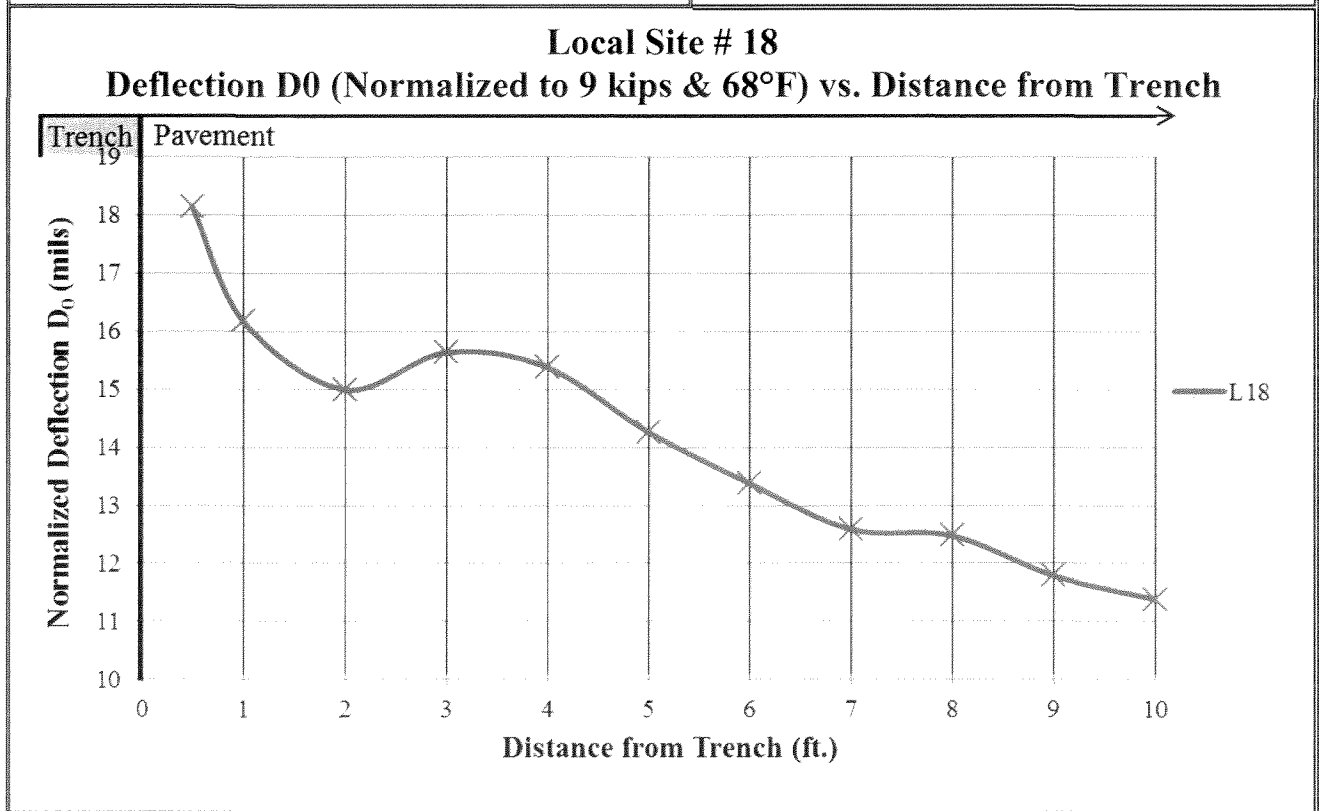
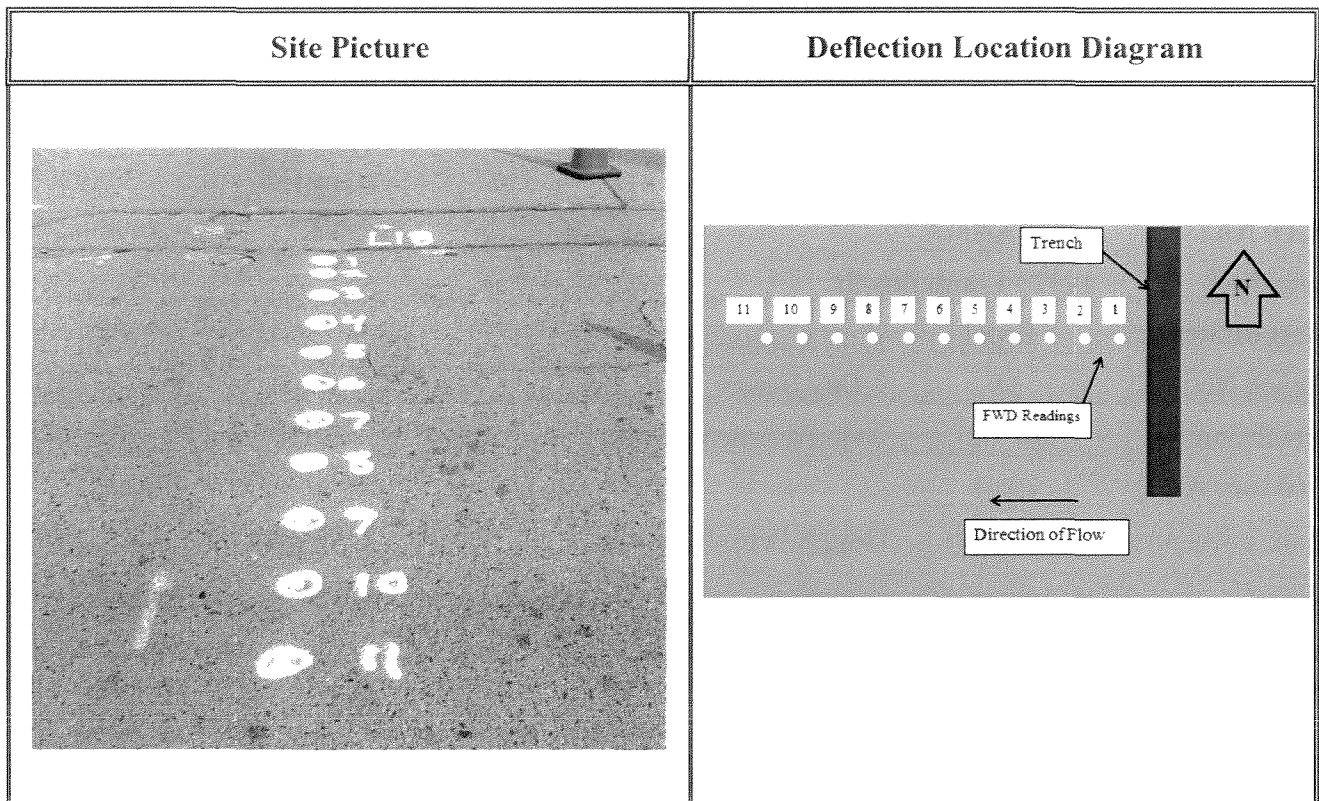
Case 3

**Determination
of
Area of Influence**

CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
Determination of Area of Influence

Lab No.: 17-702-2175 Section ID: 3280200
W.O. No.: S17A0003 Ref. No.: 2004007007
Location: 19325 Londelius St
Class of Street: Local Avg. Ambient Temp.
Trench No.: 18 1-Day Before: 72.6 °F Date: 3/10/17
Dimension: 34' x 2' Avg. Pavement Temp. : 109.0 °F Start Time : 14:41:07
Two way ADT: 7,161
Cum. ESALs: 719,284 Design Period (Years): N/A Operators: PL/CP

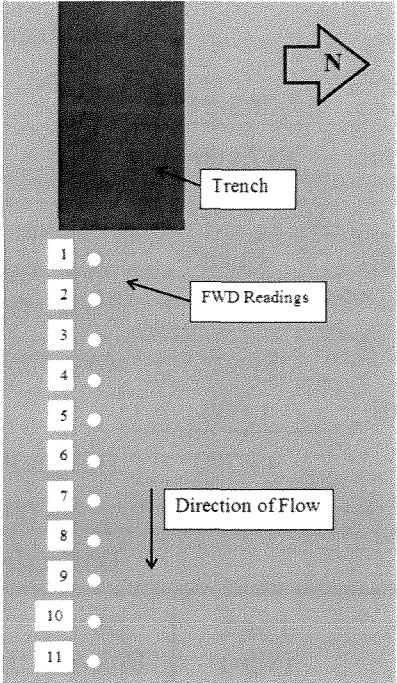
Deflections at Intervals from Trench									
Distance from Trench (ft)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
1/2'	8.90	23.60	20.73	12.85	10.90	9.24	6.34	5.25	107
1'	9.34	22.09	19.92	19.36	16.02	8.54	7.29	5.54	110
2'	9.15	20.06	18.60	17.90	15.27	13.31	6.44	5.58	109
3'	8.92	20.39	17.77	17.25	14.54	12.50	10.94	5.46	110
4'	8.63	19.41	17.09	16.10	13.13	11.23	6.19	5.37	110
5'	8.83	18.42	16.67	15.99	13.16	11.27	7.68	5.58	109
6'	9.05	17.71	16.16	15.67	13.26	11.41	8.74	6.06	111
7'	9.17	16.88	15.64	15.27	13.06	11.37	69.97	6.07	109
8'	9.24	16.86	15.00	14.50	12.41	10.95	20.96	6.01	108
9'	9.39	16.19	14.50	14.06	11.99	10.44	13.92	5.91	107
10'	9.19	15.30	13.62	13.12	11.16	9.74	7.17	5.63	109
Normalized D0 (to 9 kips & 68 °F)									
1/2'	18.14								
1'	16.18								
2'	15.00								
3'	15.64								
4'	15.38								
5'	14.27								
6'	13.39								
7'	12.59								
8'	12.48								
9'	11.79								
10'	11.39								

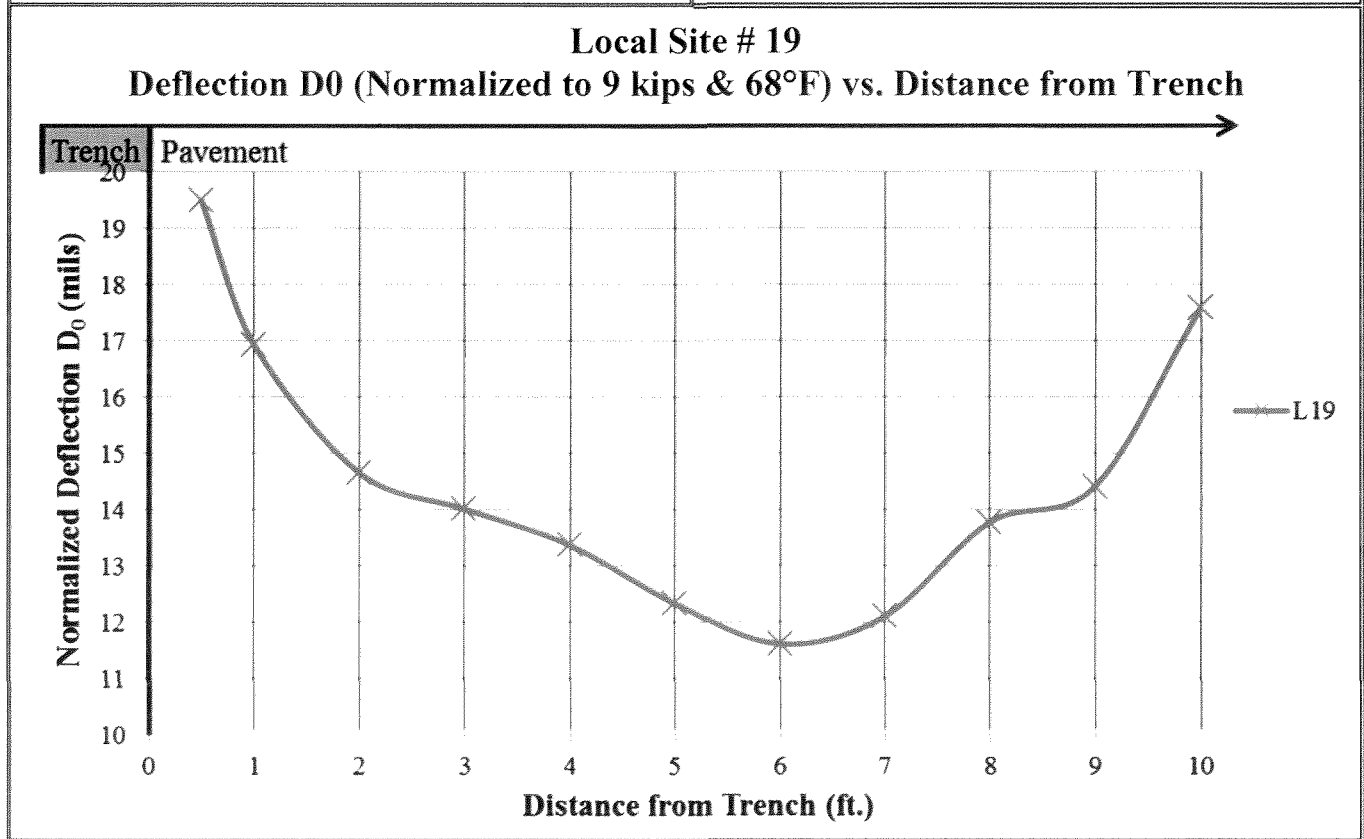


**CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
Determination of Area of Influence**

Lab No.:	<u>17-702-2176</u>	Section ID:	<u>3901500</u>
W.O. No.:	<u>S17A0003</u>	Ref. No.:	<u>2005004215</u>
Location:	<u>825 Nimes Rd</u>		
Class of Street:	<u>Local</u>	Avg. Ambient Temp.	
Trench No.:	<u>19</u>	1-Day Before:	<u>70.8 °F</u>
Dimension:	<u>8' x 5'</u>	Avg. Pavement Temp. :	<u>77.0 °F</u>
Two way ADT:	<u>1,000</u>	Date:	<u>3/10/17</u>
Cum. ESALs:	<u>49,792</u>	Start Time :	<u>10:03:33</u>
	Design Period (Years):	<u>N/A</u>	Operators:
			<u>PL/CP</u>

Deflections at Intervals from Trench									
Distance from Trench (ft)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
1/2'	8.97	20.03	21.38	19.96	16.37	13.54	11.3	5.03	77
1'	9.05	17.56	18.37	19.67	15.06	12.76	8.17	4.99	77
2'	9.17	15.41	14.87	15.07	13.96	13.4	7.96	5.2	74
3'	9.51	15.28	14.26	14.09	12.51	11.41	8.89	5.42	75
4'	9.42	14.44	13.41	13.08	11.46	10.16	7.96	5.56	77
5'	9.27	13.11	12.35	12.22	10.68	9.44	7.16	5.37	79
6'	9.66	12.86	11.95	11.75	10.4	9.26	6.93	5.15	76
7'	9.42	13.07	11.66	11.29	9.77	8.56	6.48	4.77	75
8'	9.29	14.67	12.32	11.63	9.76	8.4	6.25	4.5	76
9'	9.17	15.15	12.86	12.08	9.96	8.46	6.94	4.37	80
10'	9.05	18.24	14.74	13.65	11.07	9.15	6.16	4.33	80
Normalized D0 (to 9 kips & 68 °F)									
1/2'	19.49								
1'	16.94								
2'	14.67								
3'	14.03								
4'	13.38								
5'	12.35								
6'	11.62								
7'	12.11								
8'	13.79								
9'	14.42								
10'	17.60								

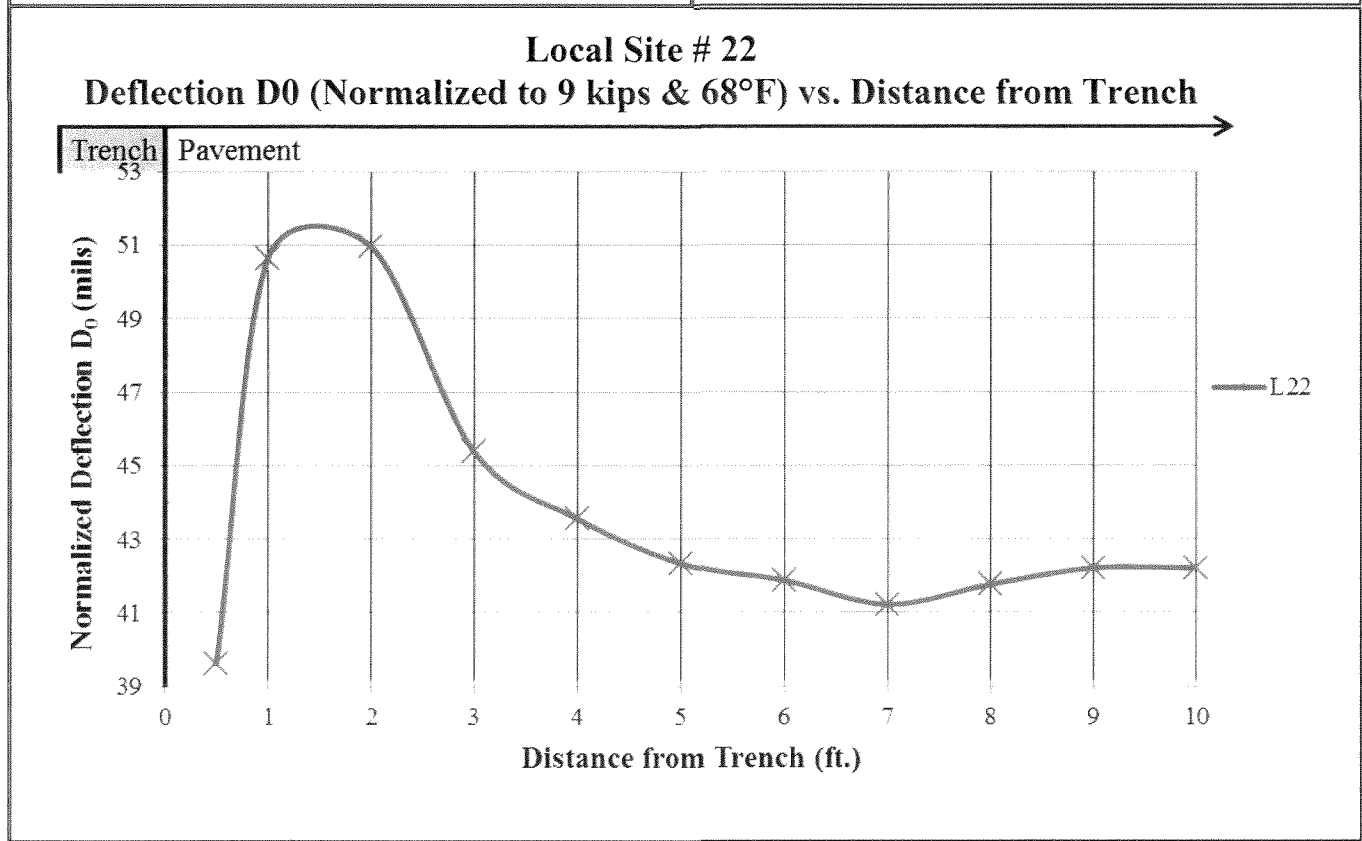
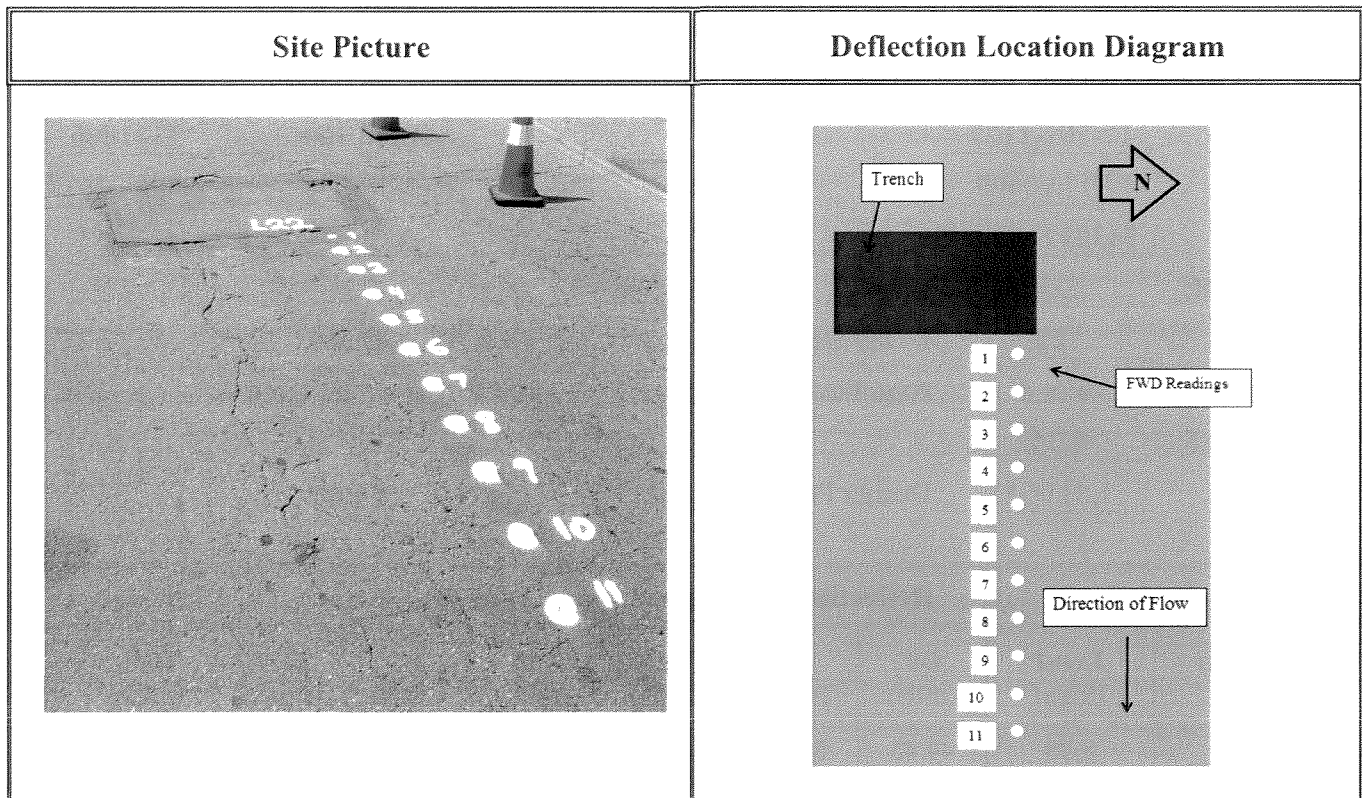
Site Picture	Deflection Location Diagram
	



CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
Determination of Area of Influence

Lab No.: 17-702-2177 **Section ID:** 5241800
W.O. No.: S17A0003 **Ref. No.:** 2008002619
Location: 14303 Sylvan St
Class of Street: Local **Avg. Ambient Temp.** _____
Trench No.: 22 **1-Day Before:** 69.5 °F **Date:** 3/10/17
Dimension: 6' x 3' **Avg. Pavement Temp. :** 100.0 °F **Start Time :** 12:42:49
Two way ADT: 5,362
Cum. ESALs: 1,411,383 **Design Period (Years):** N/A **Operators:** PL/CP

Deflections at Intervals from Trench									
Distance from Trench (ft)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
1/2'	8.38	44.45	36.15	32.69	24.99	19.07	7.04	6.72	102
1'	8.43	57.16	45.8	38.3	18.15	15.02	10.03	7.08	102
2'	8.19	55.87	47.64	42.17	26.93	14.22	8.77	6.27	101
3'	8.43	51.22	43.68	39.94	29.76	21.12	15.43	6	100
4'	8.48	49.45	42.03	39.23	28.39	17.59	9.94	6.37	101
5'	8.43	47.79	38.36	34.4	24.98	17.87	9.34	5.72	100
6'	8.51	47.71	38.9	34.92	25.18	18	9.27	5.93	99
7'	8.41	46.41	39.38	35.16	25.1	17.22	8.99	5.64	99
8'	8.51	47.58	39.51	34.8	25.46	17.51	8.87	5.38	99
9'	8.31	46.96	38.87	34.54	25.31	17.18	7.62	5.07	99
10'	8.56	48.37	42.22	34.87	24.59	17.7	9.01	5.1	100
Normalized D0 (to 9 kips & 68 °F)									
1/2'	39.62								
1'	50.65								
2'	50.96								
3'	45.39								
4'	43.56								
5'	42.35								
6'	41.88								
7'	41.22								
8'	41.77								
9'	42.21								
10'	42.21								

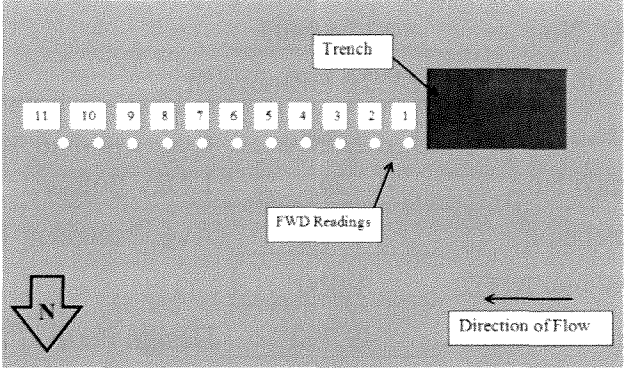


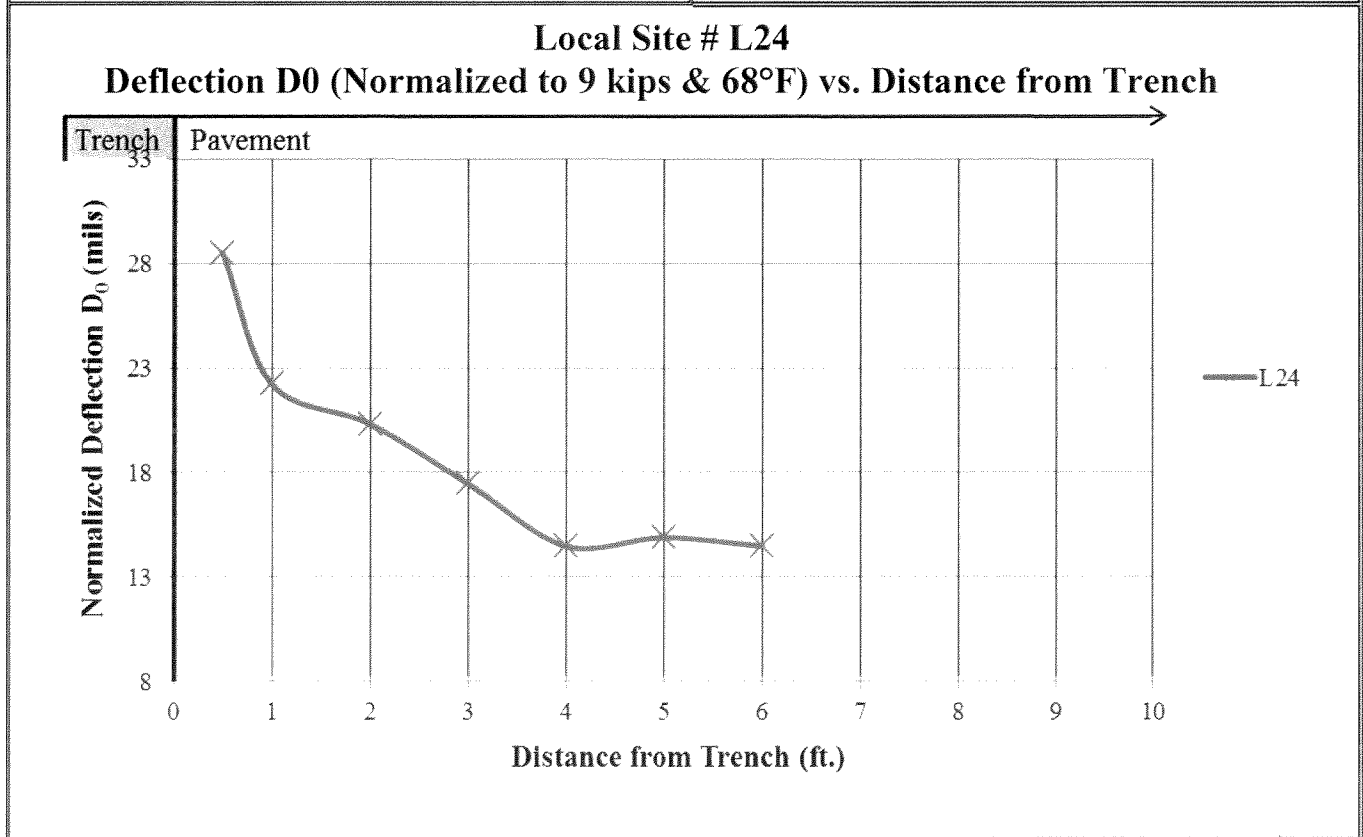
**CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
Determination of Area of Influence**

Lab No.: 17-702-2178 Section ID: 2194400
W.O. No.: S17A0003 Ref. No.: 2003000359
Location: 24720 Gilmore St
Class of Street: Local Avg. Ambient Temp. _____
Trench No.: 24 1-Day Before: 60.0 °F Date: 2/8/17
Dimension: 10' x 3' Avg. Pavement Temp. : 72.9 °F Start Time : 10:35:30
Two way ADT: 1,000
Cum. ESALs: 49,792 Design Period (Years): N/A Operators: PL/CP

Deflections at Intervals from Trench

Distance from Trench (ft)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
1/2'	8.80	27.88	22.72	13.35	9.69	7.77	4.67	1.77	74.0
1'	8.70	21.50	19.93	17.33	10.58	6.42	4.14	1.64	74.0
2'	8.78	19.83	18.04	16.06	12.02	7.26	3.65	1.56	73.0
3'	8.80	17.08	13.75	11.76	8.82	6.31	2.71	1.31	73.0
4'	8.88	14.30	11.84	9.97	7.17	5.22	3.13	1.10	73.0
5'	8.92	14.76	11.61	9.70	6.88	4.90	2.64	1.01	73.0
6'	8.88	14.30	10.90	8.89	6.24	4.32	2.23	0.78	70.0
Normalized D0 (to 9 kips & 68 °F)									
1/2'		28.51							
1'		22.24							
2'		20.33							
3'		17.47							
4'		14.49							
5'		14.89							
6'		14.49							

Site Picture	Deflection Location Diagram
	

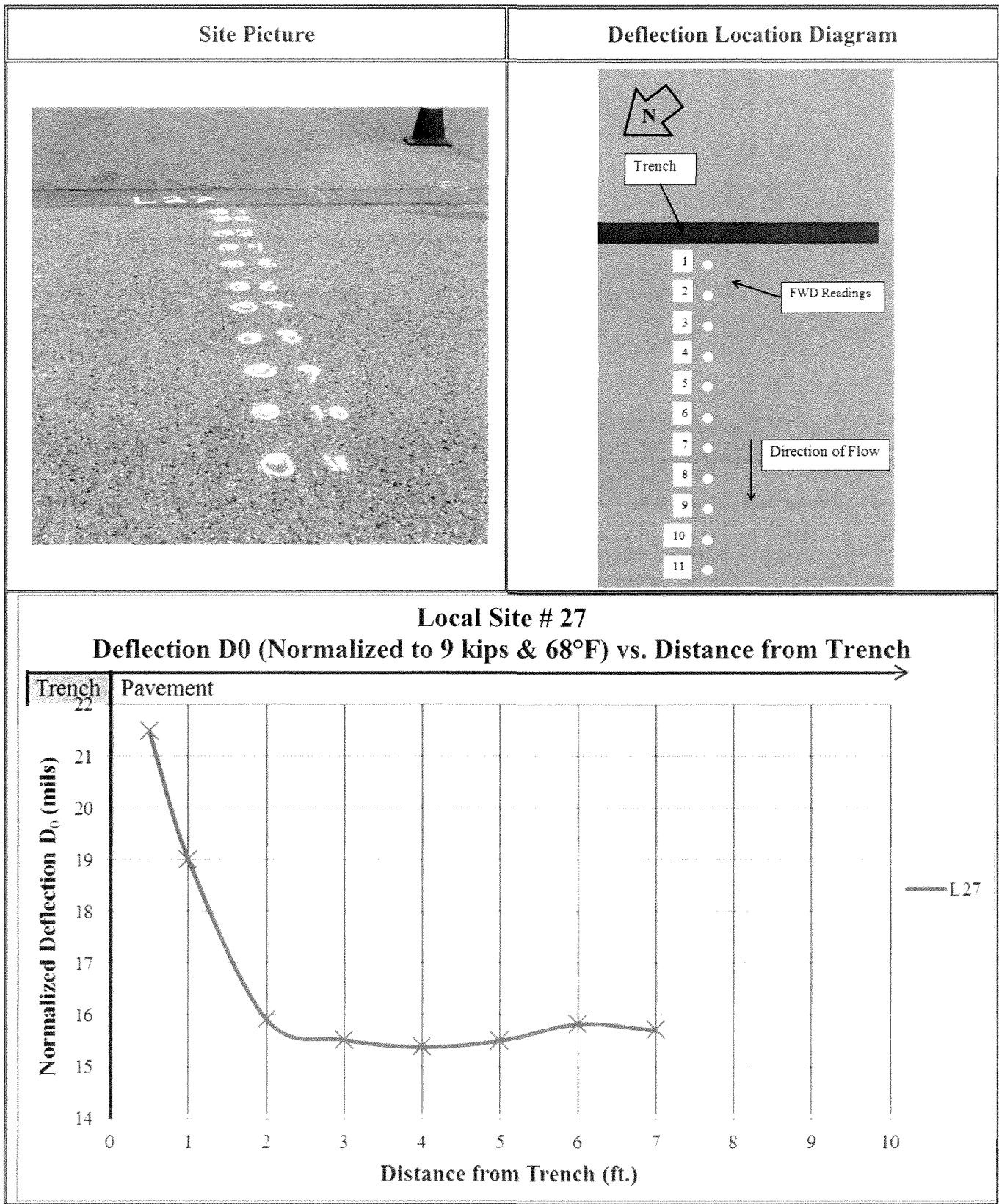


CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
Determination of Area of Influence

Lab No.: 17-702-2179 Section ID: 46644200
W.O. No.: S17A0003 Ref. No.: 2006005590
Location: Rushing Dr
Class of Street: Local Avg. Ambient Temp. _____
Trench No.: 27 1-Day Before: 75.4 °F Date: 3/10/17
Dimension: 36' x 1' Avg. Pavement Temp. : 95.4 °F Start Time : 14:09:07
Two way ADT: 1,000
Cum. ESALs: 49,792 Design Period (Years): N/A Operators: PL/CP

Deflections at Intervals from Trench

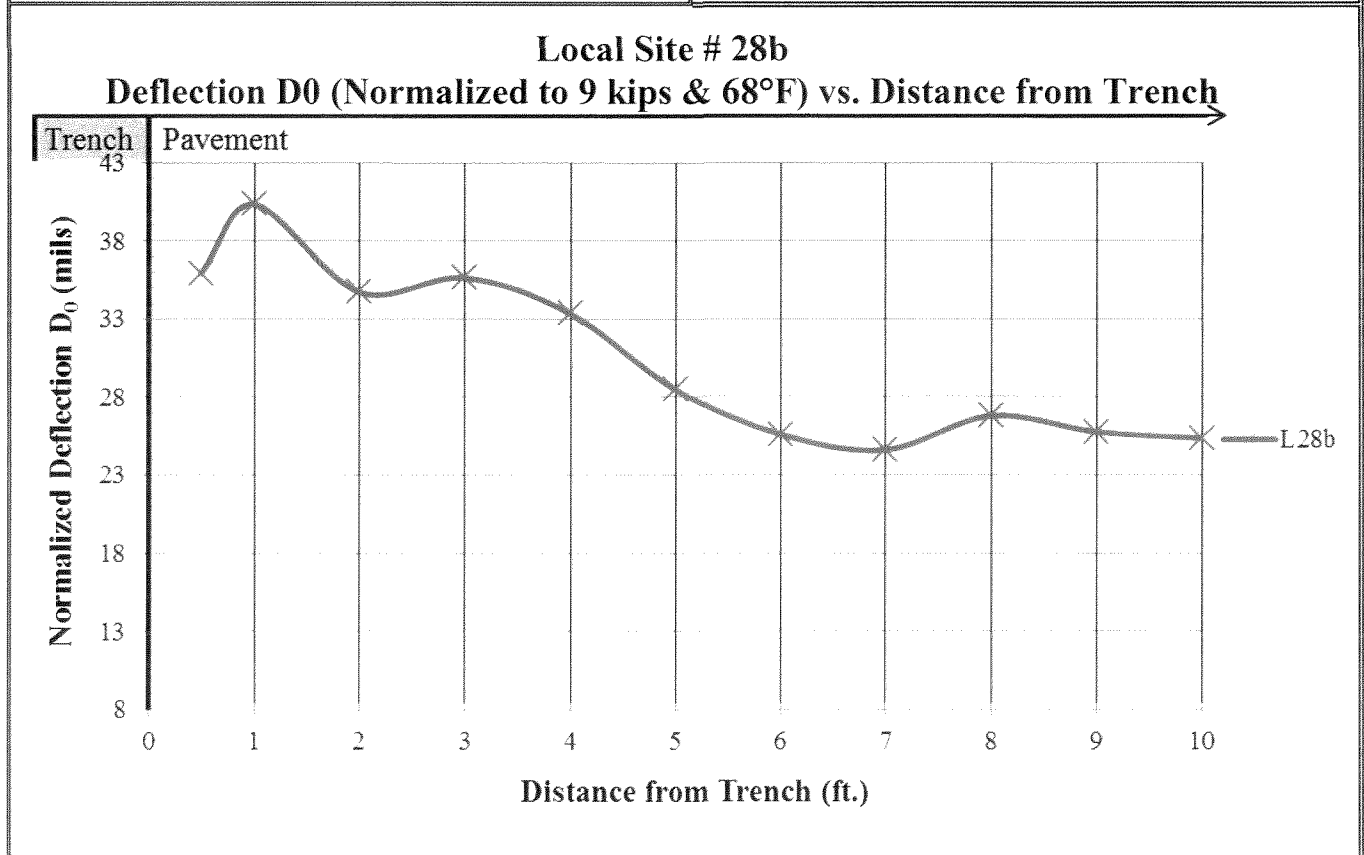
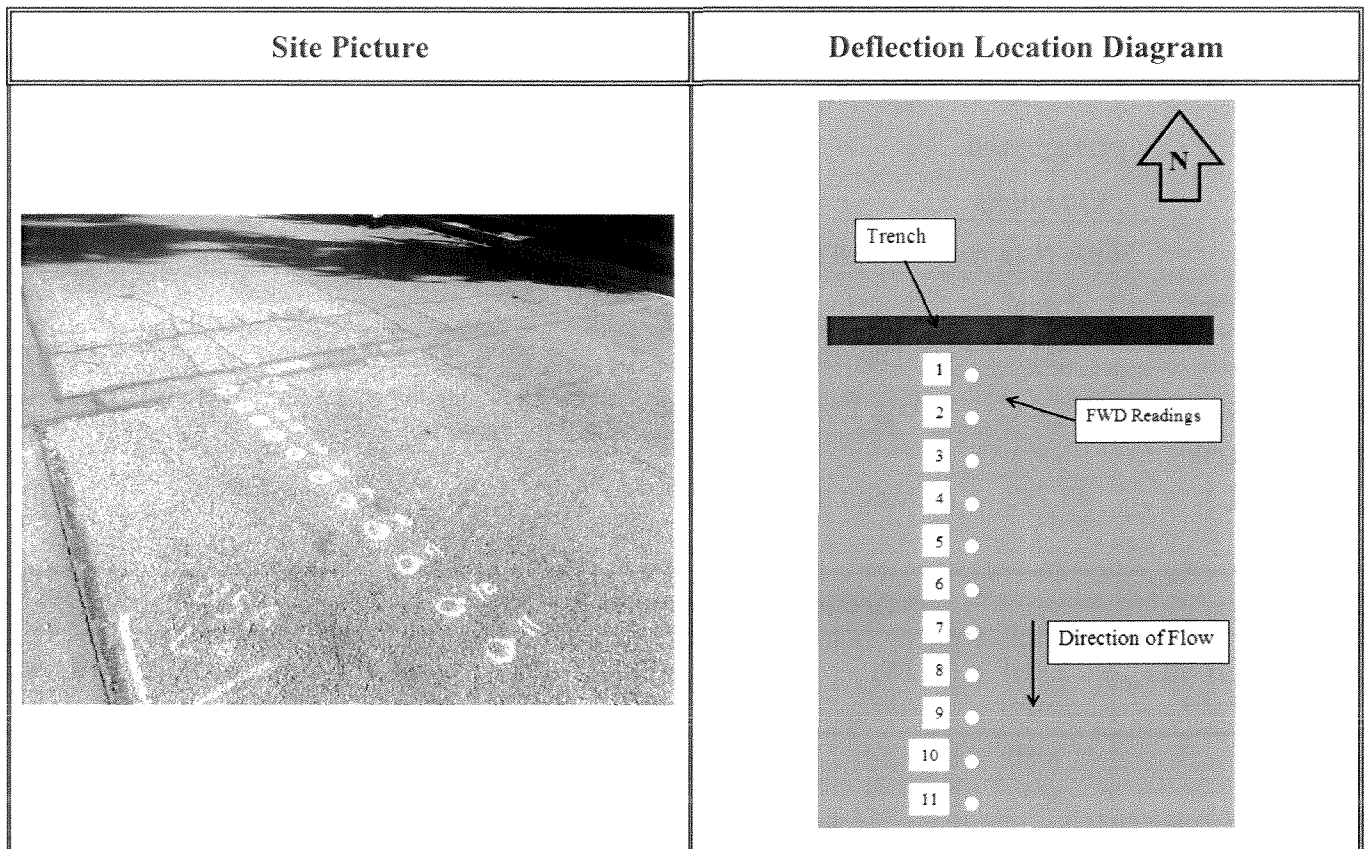
Distance from Trench (ft)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
1/2'	8.8	24.72	10.24	8.39	5.88	4	2.77	1.27	93
1'	8.83	21.94	20.66	14.12	5.56	4.08	2.2	1.34	96
2'	9.02	18.77	16.14	14.54	11.27	8.37	2.28	1.31	94
3'	9.02	18.3	15.16	13.42	10.23	7.49	3.07	1.4	95
4'	9.12	18.34	14.94	13.23	10.08	7.26	3.53	1.12	94
5'	8.9	18.04	14.98	13.13	10.03	7.42	4.73	1.63	95
6'	8.85	18.31	14.83	12.91	9.81	7.12	3.56	1.84	97
7'	8.97	18.42	14.83	12.88	9.74	6.99	3.66	1.8	99
Normalized D0 (to 9 kips & 68 °F)									
1/2'		21.49							
1'		19.01							
2'		15.92							
3'		15.52							
4'		15.38							
5'		15.51							
6'		15.83							
7'		15.71							



CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
Determination of Area of Influence

Lab No.: 17-702-2180 Section ID: 3363400
W.O. No.: S17A0003 Ref. No.: 2011003436
Location: 7653 Nita Av N/o Lull St
Class of Street: Local Avg. Ambient Temp. _____
Trench No.: 28b 1-Day Before: 60.0 °F Date: 2/8/17
Dimension: 32' x 1' Avg. Pavement Temp. : 74.6 °F Start Time : 11:31:39
Two way ADT: 1,000
Cum. ESALs: 49,792 Design Period (Years): N/A Operators: PL/CP

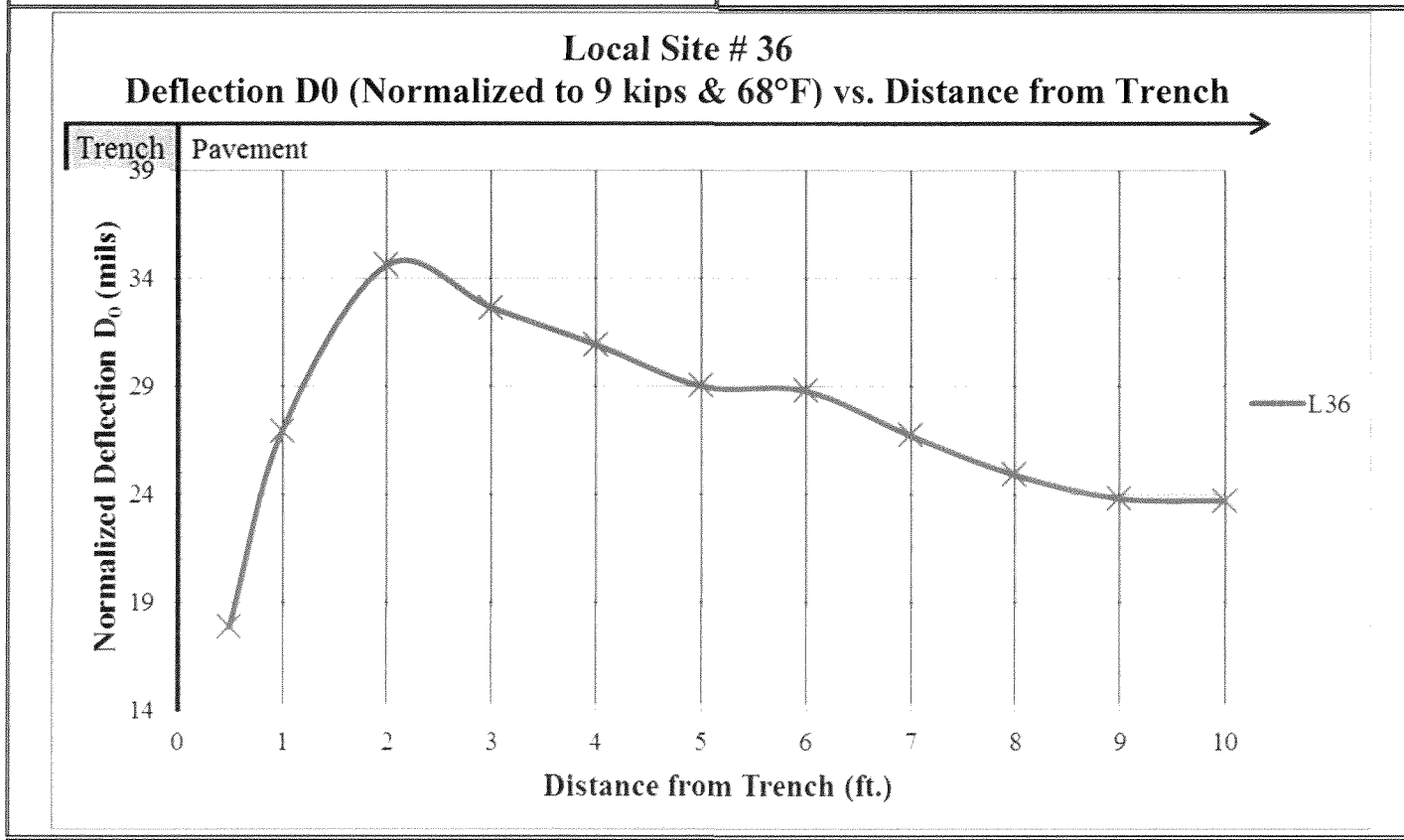
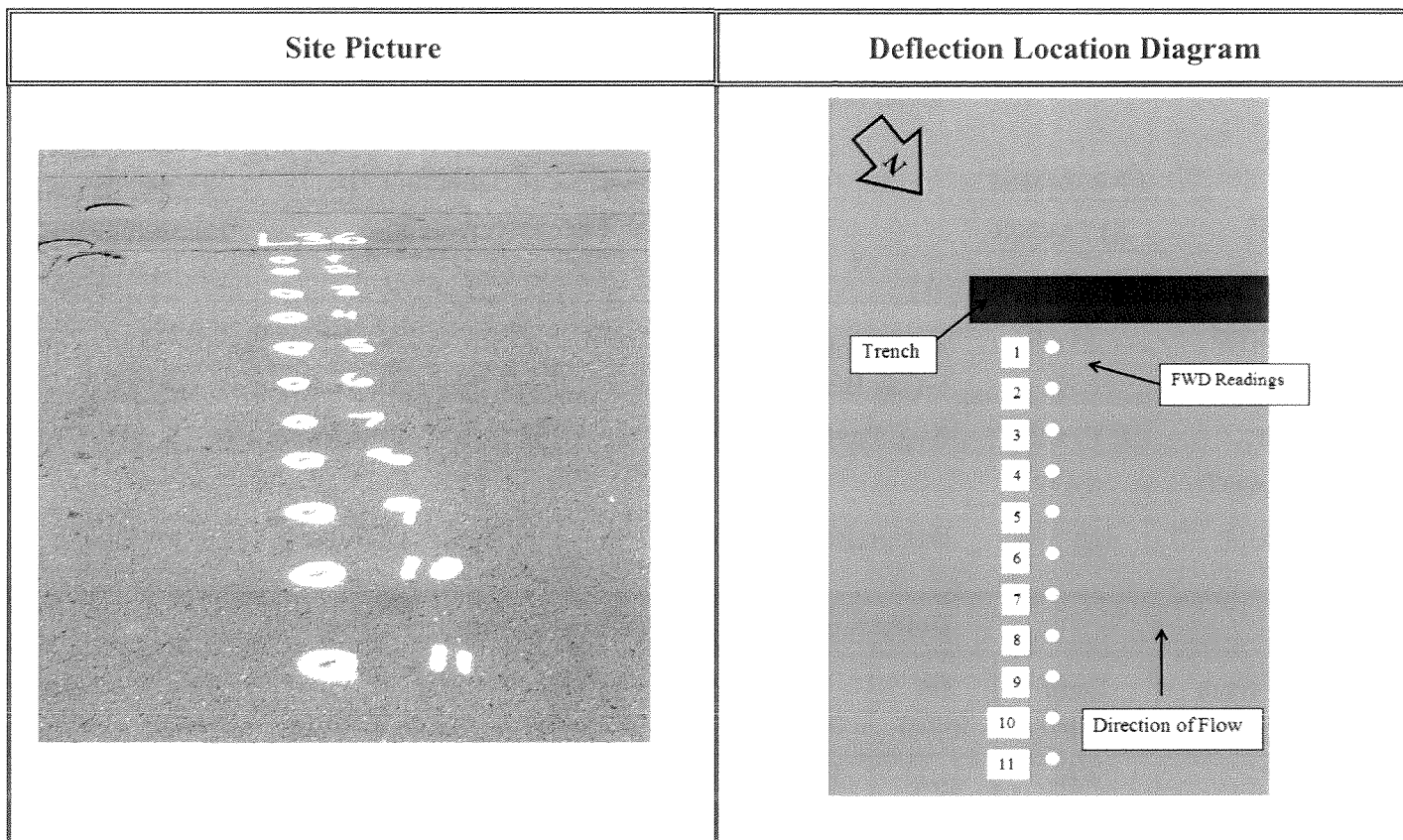
Deflections at Intervals from Trench									
Distance from Trench (ft)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
1/2'	8.80	35.14	29.60	21.60	12.71	9.32	6.68	4.17	73.0
1'	8.78	39.35	36.72	33.97	20.90	12.42	6.06	3.66	74.0
2'	9.02	34.81	32.50	29.34	22.96	17.66	6.96	3.70	76.0
3'	9.00	35.65	30.00	26.83	20.61	15.57	7.57	3.67	77.0
4'	9.12	33.81	27.64	24.35	18.63	14.28	7.42	3.49	76.0
5'	9.29	29.41	23.81	21.00	15.95	12.07	7.07	3.37	71.0
6'	8.97	25.52	23.63	21.17	16.37	12.12	6.63	2.37	74.0
7'	9.00	24.61	22.53	20.31	15.51	11.85	6.49	3.11	74.0
8'	8.92	26.56	21.33	18.82	14.45	10.83	5.65	2.90	74.0
9'	8.97	25.69	21.03	18.97	14.12	10.74	5.83	2.90	78.0
10'	9.05	25.50	21.09	18.70	14.39	10.90	6.12	2.87	74.0
Normalized D0 (to 9 kips & 68 °F)									
1/2'	35.94								
1'	40.34								
2'	34.73								
3'	35.65								
4'	33.37								
5'	28.49								
6'	25.61								
7'	24.61								
8'	26.80								
9'	25.78								
10'	25.36								



**CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
Determination of Area of Influence**

Lab No.: 17-702-2181 Section ID: 2006609082
W.O. No.: S17A0003 Ref. No.: 2005009092
Location: 319 S Westlake Av
Class of Street: Local Avg. Ambient Temp. _____
Trench No.: 36 1-Day Before: 71.9 °F Date: 3/10/17
Dimension: 21'3" x 2'8" Avg. Pavement Temp. : 103.0 °F Start Time : 11:19:14
Two way ADT: 6.637
Cum. ESALs: 468,898 Design Period (Years): N/A Operators: PL/CP

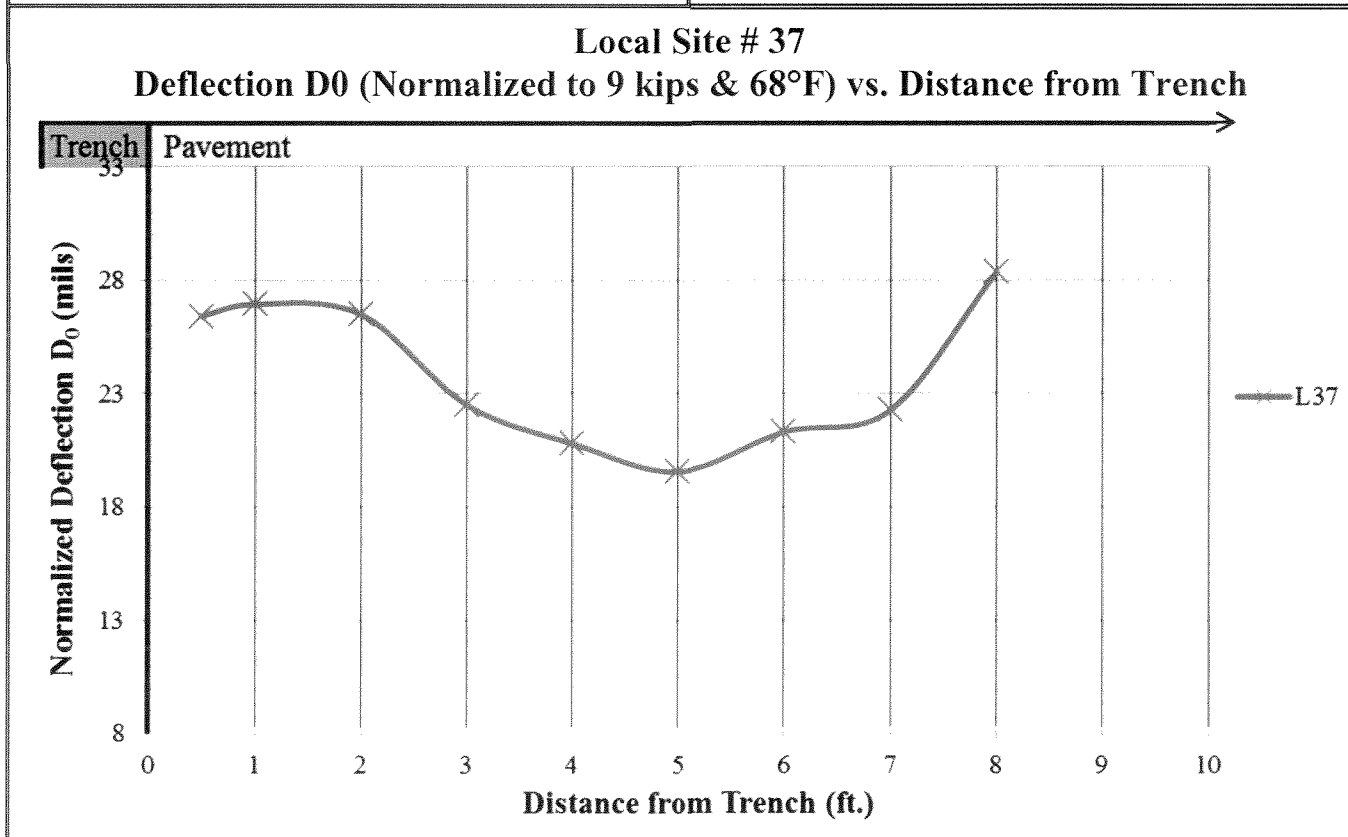
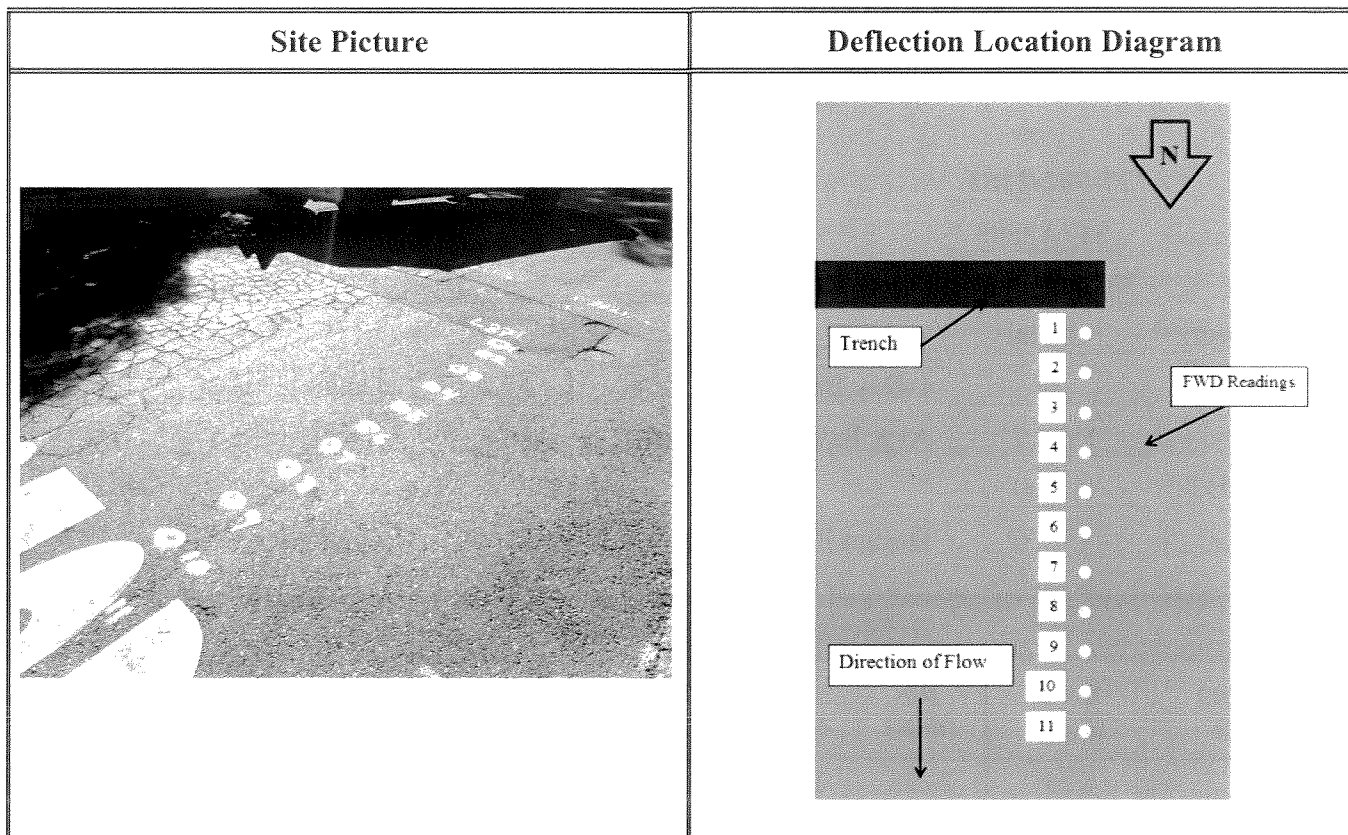
Deflections at Intervals from Trench									
Distance from Trench (ft)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
1/2'	8.83	21.11	15.98	13.25	9.57	7	4.07	2.53	102
1'	8.43	30.4	27.1	23.53	17.79	13.12	7.35	4.63	101
2'	8.46	39.21	31.67	27.64	20.67	15.71	11.12	5.98	104
3'	8.88	38.83	30.58	26.97	20.08	15.37	12.12	6.18	105
4'	8.58	35.53	27.85	24.49	18.5	14.27	8.71	5.95	102
5'	8.01	31.12	25.07	22.24	16.77	13.19	8.25	5.77	104
6'	8.78	33.85	27.04	24.05	18.14	14.28	9.1	6.34	104
7'	8.85	31.67	26.48	23.74	18.29	14.51	8.62	6.5	103
8'	9.05	30.17	25.05	22.54	17.62	14.08	9.13	6.37	103
9'	8.85	28.21	23.95	21.61	16.81	13.44	8.99	6.26	102
10'	8.48	26.92	22.44	20.36	15.86	12.95	8.58	6.27	102
Normalized D0 (to 9 kips & 68 °F)									
1/2'	17.86								
1'	26.94								
2'	34.62								
3'	32.66								
4'	30.93								
5'	29.02								
6'	28.80								
7'	26.73								
8'	24.90								
9'	23.81								
10'	23.71								



CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
Determination of Area of Influence

Lab No.: 17-702-2182 Section ID: 1604800
W.O. No.: S17A0003 Ref. No.: 2008008063
Location: 3924 & 3930 Davana Rd
Class of Street: Local Avg. Ambient Temp.
Trench No.: 37 1-Day Before: 60.0 °F Date: 2/1/17
Dimension: 15' x 2' Avg. Pavement Temp. : 69.8 °F Start Time : 10:22:21
Two way ADT: 1,000
Cum. ESALs: 49,792 Design Period (Years): N/A Operators: PL/CP

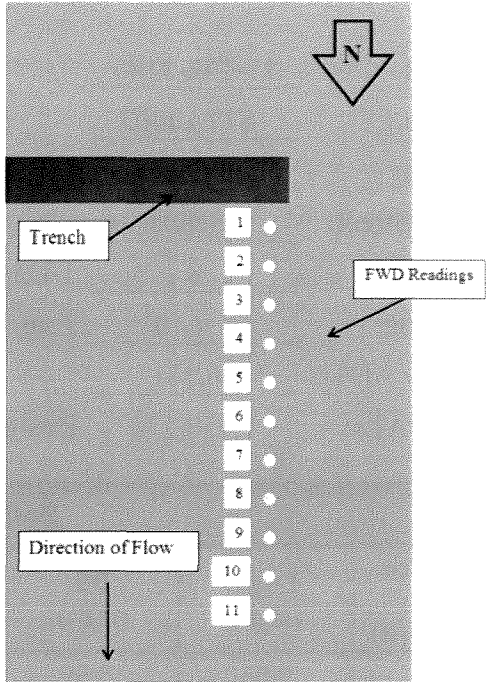
Deflections at Intervals from Trench									
Distance from Trench (ft)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
1/2'	8.25	23.53	18.75	15.37	12.24	9.59	6.26	2.17	71.0
1'	8.01	23.30	18.69	9.91	10.78	9.16	6.97	2.88	70.0
2'	8.30	23.74	19.73	17.25	13.55	10.59	6.10	2.07	70.0
3'	8.06	19.58	18.76	17.04	12.63	10.92	9.13	3.04	70.0
4'	8.03	18.03	16.14	14.97	12.33	10.44	3.89	3.05	69.0
5'	8.13	17.17	15.25	14.00	11.72	9.76	6.02	2.71	70.0
6'	7.64	17.57	14.92	13.58	11.15	9.28	5.57	2.94	70.0
7'	7.69	18.48	16.10	14.39	11.72	9.59	14.11	3.08	70.0
8'	7.52	23.01	19.03	16.84	13.31	10.78	6.66	3.09	68.0
Normalized D0 (to 9 kips & 68 °F)									
1/2'	26.44								
1'	26.97								
2'	26.51								
3'	22.52								
4'	20.81								
5'	19.58								
6'	21.32								
7'	22.28								
8'	28.36								



CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
Determination of Area of Influence

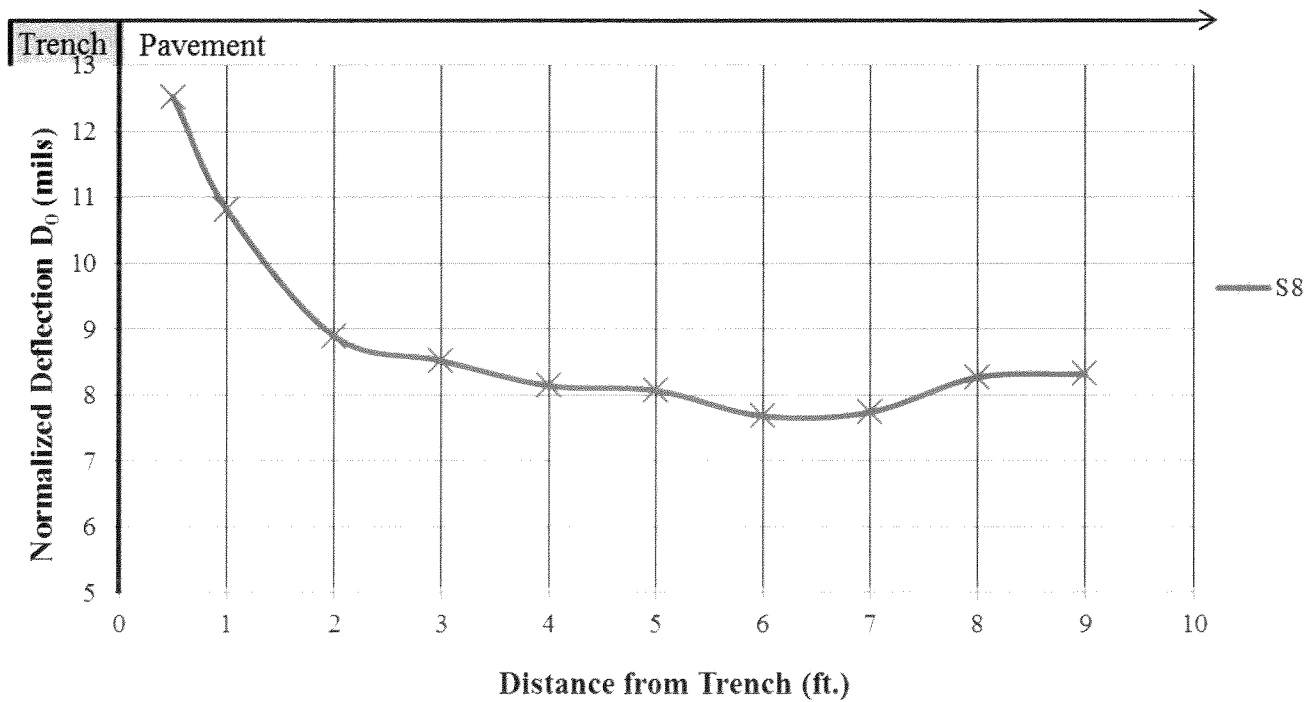
Lab No.: 17-702-2183 Section ID: 4135200
W.O. No.: S17A0003 Ref. No.: 2005001709
Location: 6600 Owensmouth Av
Class of Street: Select Avg. Ambient Temp. _____
Trench No.: 8 1-Day Before: 60.0 °F Date: 2/8/17
Dimension: 3' x 10' Avg. Pavement Temp. : 87.6 °F Start Time : 13:23:38
Two way ADT: 26,321
Cum. ESALs: 1,450,170 Design Period (Years): N/A Operators: PL/CP

Deflections at Intervals from Trench									
Distance from Trench (ft)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
1/2'	9.66	13.99	12.14	11.54	9.76	8.34	5.78	3.55	84.0
1'	9.27	11.60	11.56	11.49	9.29	7.98	5.59	3.49	86.0
2'	9.51	9.79	9.33	9.40	8.68	8.18	5.93	3.55	87.0
3'	9.47	9.34	8.57	8.52	7.66	7.14	5.81	3.65	82.0
4'	9.56	9.01	8.22	8.13	7.18	6.58	5.32	3.59	91.0
5'	9.56	8.93	8.10	8.00	7.08	6.47	5.01	3.65	88.0
6'	9.56	8.50	7.81	7.81	6.89	6.28	4.95	3.48	87.0
7'	9.49	8.50	7.64	7.56	6.69	6.07	4.84	3.32	91.0
8'	9.34	8.94	7.76	7.59	6.66	6.03	4.59	3.22	92.0
9'	9.37	9.02	8.14	8.00	6.91	6.27	4.86	3.32	88.0
Normalized D0 (to 9 kips & 68 °F)									
1/2'	12.51								
1'	10.81								
2'	8.89								
3'	8.52								
4'	8.14								
5'	8.07								
6'	7.68								
7'	7.74								
8'	8.27								
9'	8.32								

Site Picture	Deflection Location Diagram
	

Select Site # 8

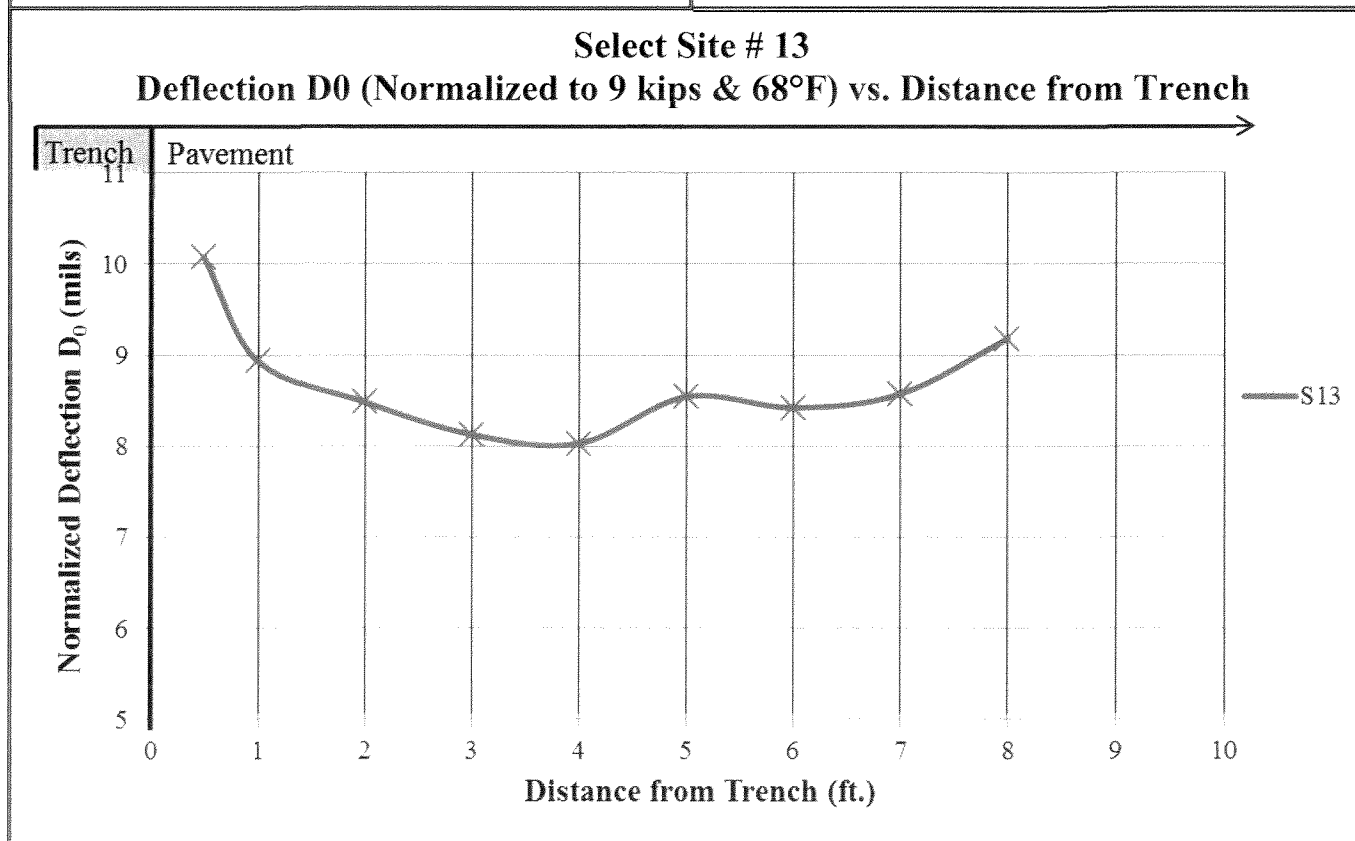
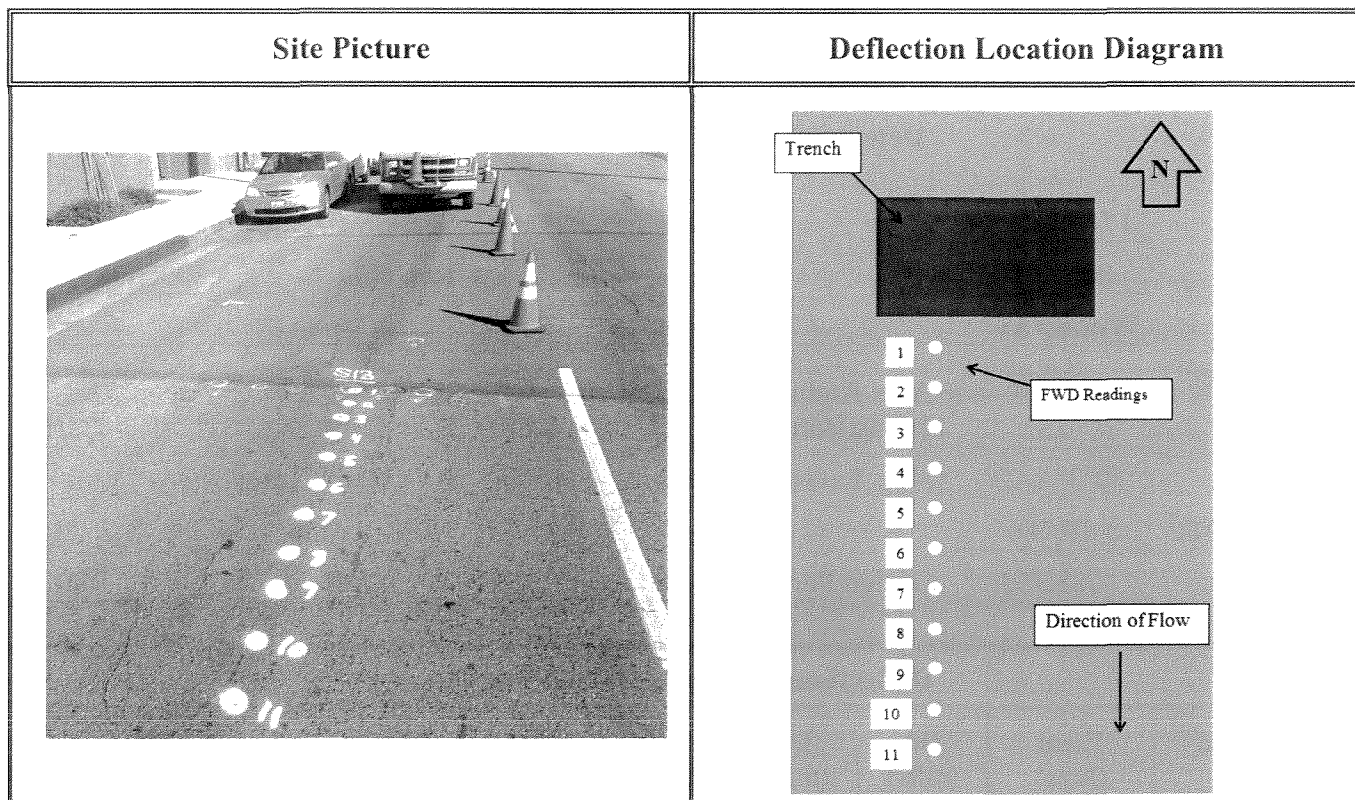
Deflection D0 (Normalized to 9 kips & 68°F) vs. Distance from Trench



CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
Determination of Area of Influence

Lab No.: 17-702-2184 **Section ID:** 5989100
W.O. No.: S17A0003 **Ref. No.:** 2006008172
Location: Wilbur Av
Class of Street: Select Avg. Ambient Temp. _____
Trench No.: 13 1-Day Before: 60.0 °F Date: 2/8/17
Dimension: 50'3" x 23" Avg. Pavement Temp. : 90.3 °F Start Time : 13:49:21
Two way ADT: 19,786
Cum. ESALs: 788,153 Design Period (Years): N/A Operators: PL/CP

Deflections at Intervals from Trench									
Distance from Trench (ft)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
1/2'	9.27	11.40	10.97	10.81	9.39	8.42	6.31	3.63	89.0
1'	9.34	10.19	9.58	9.76	9.01	8.21	6.67	3.78	86.0
2'	9.17	9.50	8.85	8.94	8.22	7.80	6.00	3.83	102.0
3'	9.22	9.15	8.44	8.50	7.71	7.28	6.07	3.86	101.0
4'	9.24	9.06	8.14	8.20	7.29	6.83	5.15	3.93	87.0
5'	9.02	9.41	8.32	8.23	7.24	6.69	5.27	3.93	87.0
6'	9.19	9.45	8.50	8.44	7.39	6.90	5.71	4.01	85.0
7'	9.15	9.58	8.31	8.27	7.28	7.85	5.24	3.80	90.0
8'	9.17	10.28	8.89	8.53	7.44	6.87	5.56	3.94	86.0
Normalized D0 (to 9 kips & 68 °F)									
1/2'	10.07								
1'	8.94								
2'	8.48								
3'	8.13								
4'	8.03								
5'	8.54								
6'	8.42								
7'	8.57								
8'	9.18								



CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
Determination of Area of Influence

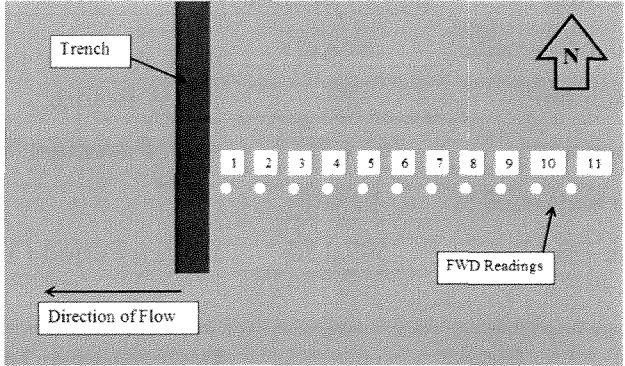
Lab No.: 17-702-2185 Section ID: 0848200
W.O. No.: S17A0003 Ref. No.: 2004006571
Location: 6041 Cadillac Av
Class of Street: Select Avg. Ambient Temp. _____
Trench No.: 23 1-Day Before: 64.0 °F Date: 3/10/17
Dimension: 36' x 3'2" Avg. Pavement Temp. : 65.0 °F Start Time : 07:10:49
Two way ADT: 19,988
Cum. ESALs: 597,150 Design Period (Years): N/A Operators: PL/CP

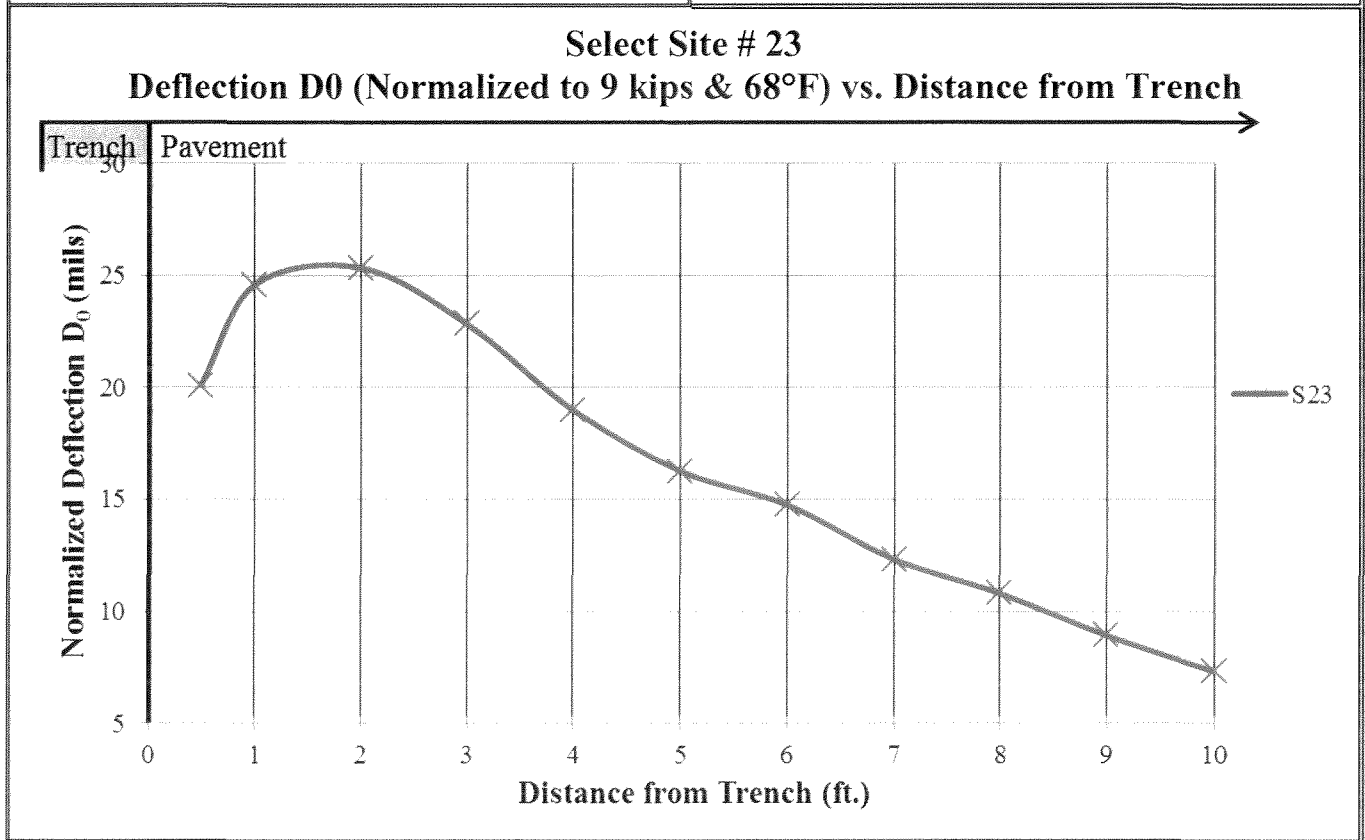
Deflections at Intervals from Trench

Distance from Trench (ft)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
1/2'	8.90	19.11	10.10	8.66	6.28	4.93	3.45	2.43	66.0
1'	8.80	23.12	16.91	12.18	6.03	4.64	3.45	2.71	66.0
2'	8.92	24.16	19.74	17.37	12.64	8.51	3.44	2.55	65.0
3'	9.12	22.26	18.88	17.35	13.50	10.33	4.20	2.52	64.0
4'	9.34	18.95	16.56	15.38	12.71	10.63	7.11	2.69	64.0
5'	9.32	16.21	14.86	14.23	12.01	10.19	7.11	3.35	64.0
6'	9.44	14.88	13.07	12.48	10.74	9.23	6.53	3.69	66.0
7'	9.39	12.37	11.17	10.73	9.02	7.91	5.94	3.85	65.0
8'	9.05	10.45	9.09	8.73	7.52	6.54	4.89	3.20	65.0
9'	9.32	8.89	7.83	7.68	6.66	6.02	4.57	3.17	65.0
10'	9.47	7.42	6.46	6.52	5.80	5.32	4.32	2.96	65.0

**Normalized D0
(to 9 kips & 68 °F)**

1/2'	20.10
1'	24.59
2'	25.35
3'	22.85
4'	18.99
5'	16.28
6'	14.75
7'	12.33
8'	10.81
9'	8.93
10'	7.33

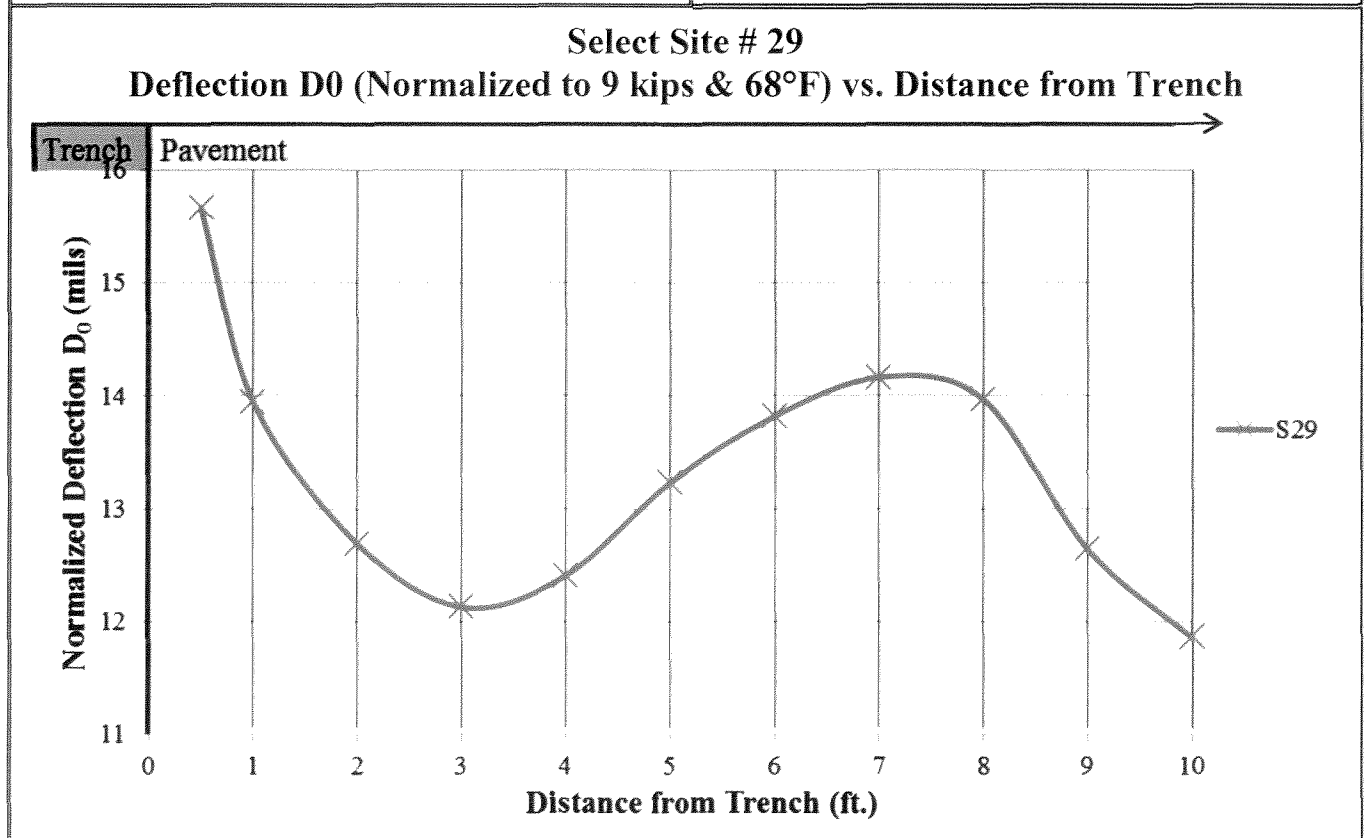
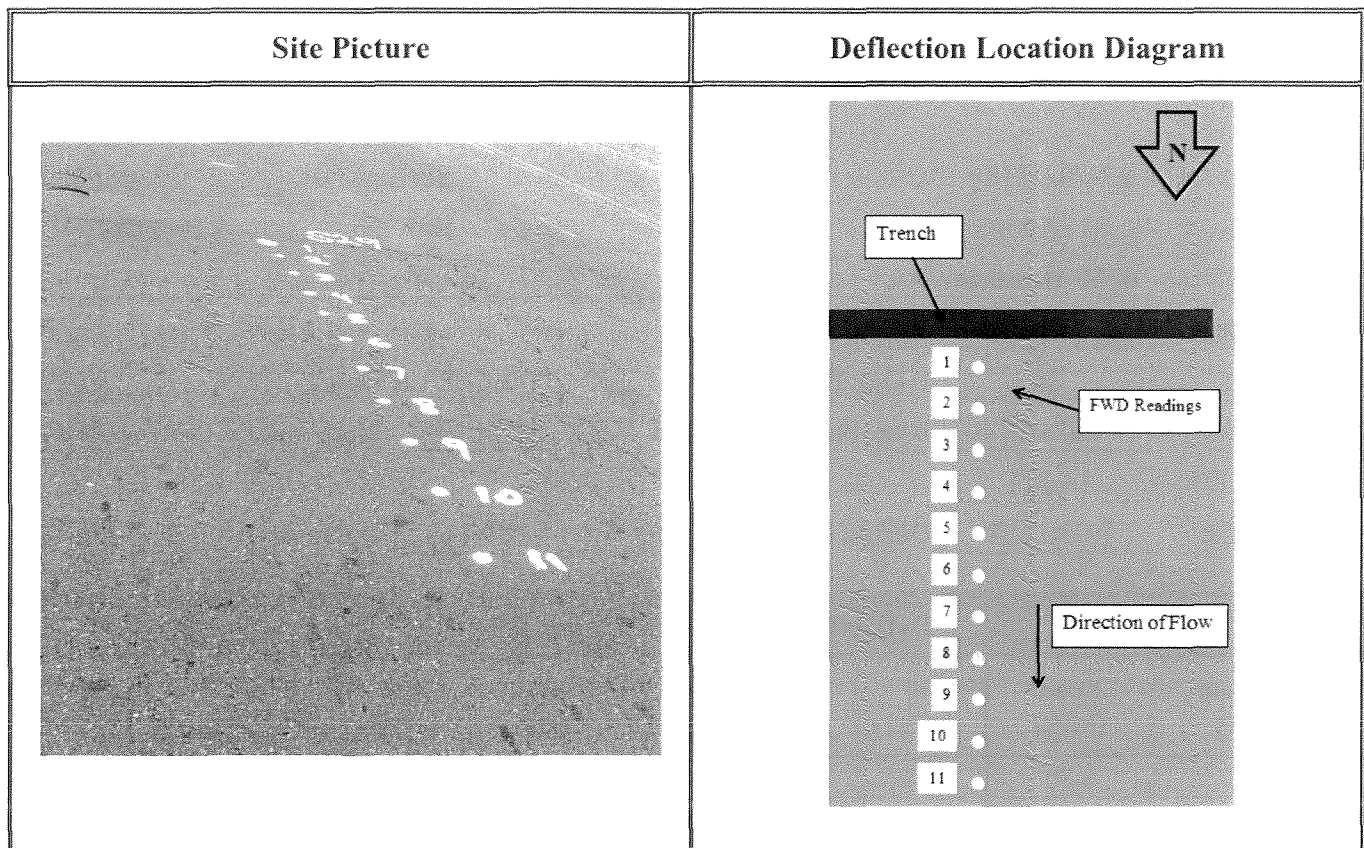
Site Picture	Deflection Location Diagram
	



CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
Determination of Area of Influence

Lab No.: 17-702-2186 Section ID: 2534500
W.O. No.: S17A0003 Ref. No.: 2009002991
Location: 6750 Hazeltine Av
Class of Street: Select Avg. Ambient Temp. _____
Trench No.: 29 1-Day Before: 72.6 °F Date: 3/10/17
Dimension: 46' x 2' Avg. Pavement Temp. : 105.0 °F Start Time : 12:59:15
Two way ADT: 14,111
Cum. ESALs: 1,930,653 Design Period (Years): N/A Operators: PL/CP

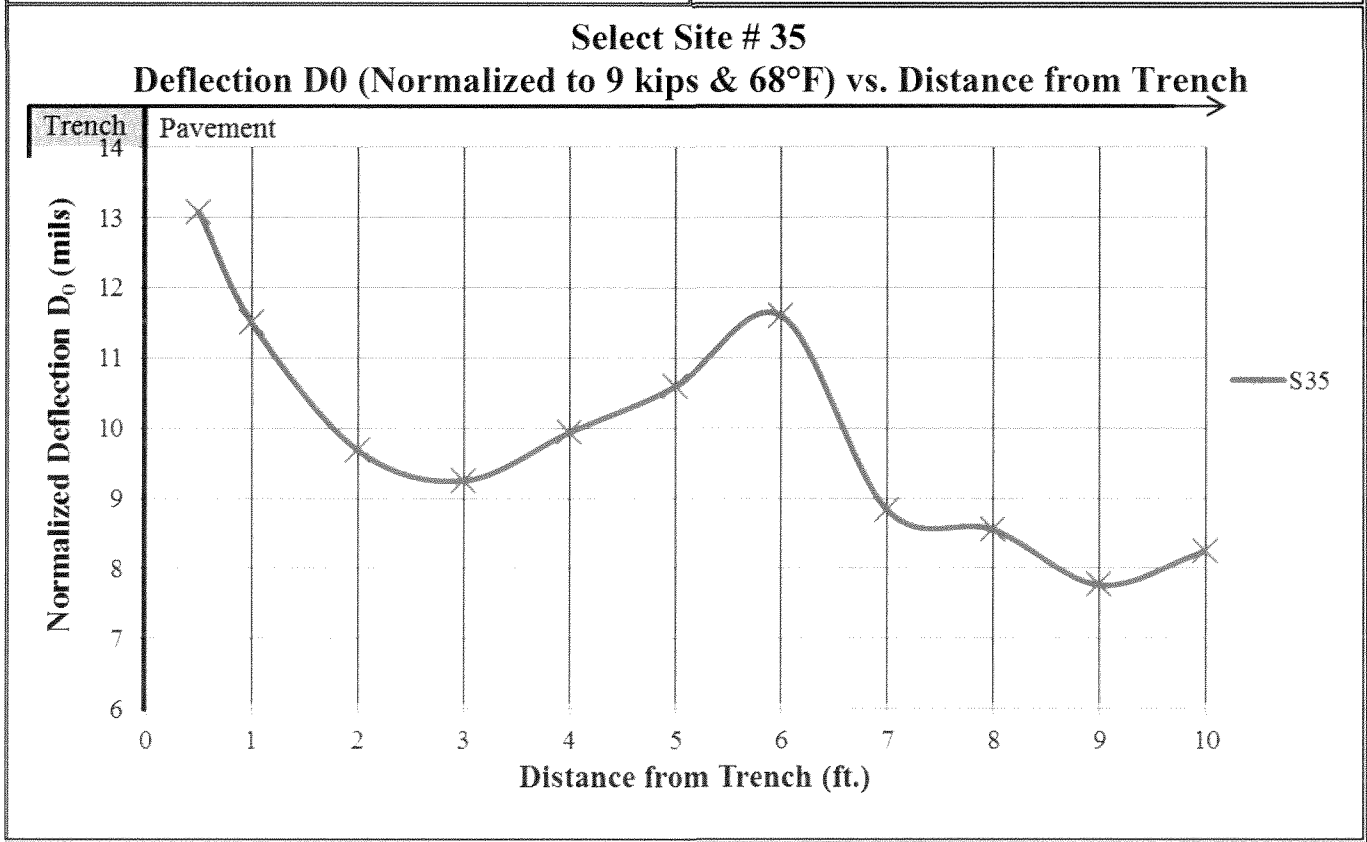
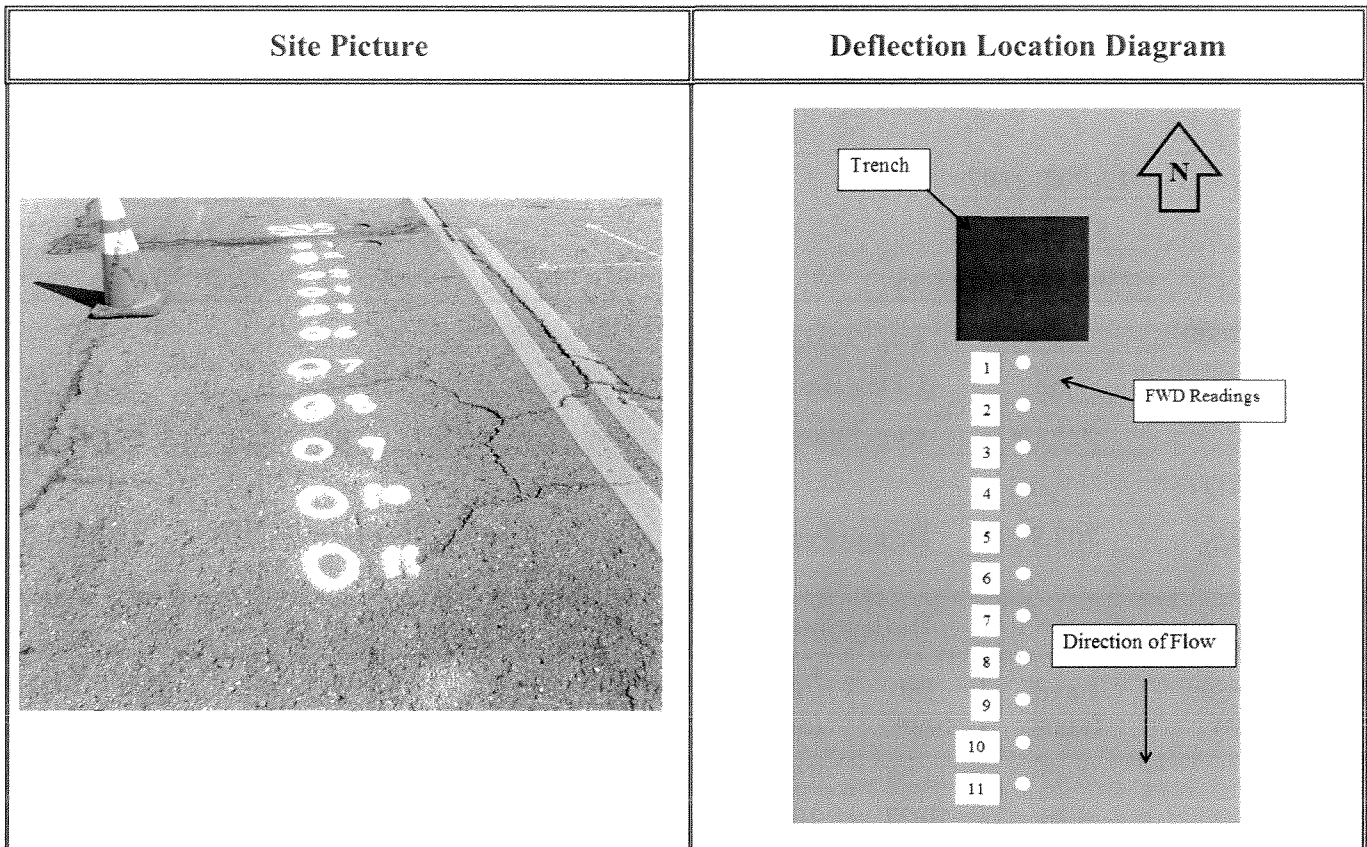
Deflections at Intervals from Trench									
Distance from Trench (ft)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
1/2'	8.80	19.89	13.32	11.9	9.1	6.94	4.11	2.67	100
1'	9.07	18.25	15.72	14.96	8.9	7.09	4.21	2.73	101
2'	9.00	16.48	13.47	12.26	9.73	7.66	4.08	2.68	102
3'	8.53	14.93	12.15	11.13	8.81	6.92	3.99	2.36	101
4'	8.73	15.63	12.56	11.48	9.19	7.3	4.43	2.63	102
5'	8.70	16.61	12.57	11.19	8.8	7.01	4.42	2.86	105
6'	8.68	17.31	13.02	11.39	8.82	6.92	12.55	2.92	107
7'	8.80	17.99	13.55	11.73	8.82	6.69	4.26	2.88	108
8'	8.95	18.04	13.55	11.68	8.77	6.58	4.03	2.84	108
9'	9.02	16.45	13.08	11.53	8.61	6.45	3.94	2.6	107
10'	8.95	15.32	12.21	10.81	8.25	6.22	3.71	2.56	109
Normalized D0 (to 9 kips & 68 °F)									
1/2'	15.66								
1'	13.94								
2'	12.69								
3'	12.13								
4'	12.41								
5'	13.23								
6'	13.82								
7'	14.17								
8'	13.97								
9'	12.64								
10'	11.86								



**CITY OF LOS ANGELES
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STANDARDS DIVISION
Determination of Area of Influence**

Lab No.: 17-702-2187 Section ID: 2534100
W.O. No.: S17A0003 Ref. No.: 2006003439
Location: 7305 Hazeltine Av
Class of Street: Select Avg. Ambient Temp. _____
Trench No.: 35 1-Day Before: 76.0 °F Date: 2/1/17
Dimension: 12' x 8' Avg. Pavement Temp. : 60.4 °F Start Time : 08:12:20
Two way ADT: 11,361
Cum. ESALs: 707,909 Design Period (Years): N/A Operators: PL/CP

Deflections at Intervals from Trench									
Distance from Trench (ft)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
1/2'	8.42	11.23	10.66	9.50	8.92	8.01	6.18	3.69	55.0
1'	8.76	10.27	10.01	9.66	8.80	8.24	6.27	3.77	55.0
2'	8.81	8.70	8.33	8.11	7.87	7.61	6.04	3.97	56.0
3'	8.98	8.47	7.83	7.63	7.26	6.99	6.27	4.17	57.0
4'	8.84	8.96	8.19	7.92	7.39	6.96	5.86	4.27	59.0
5'	8.98	9.70	8.45	7.81	7.23	6.86	5.61	4.00	63.0
6'	8.54	10.10	9.09	8.49	7.56	6.83	5.39	3.71	69.0
7'	9.03	8.13	7.73	7.41	7.12	6.77	5.34	3.61	64.0
8'	8.89	7.75	6.89	6.64	6.30	6.21	5.23	3.61	62.0
9'	9.11	7.21	6.44	6.36	5.97	5.66	4.78	3.45	61.0
10'	8.94	7.52	7.00	6.73	6.13	5.74	4.76	3.43	63.0
Normalized D0 (to 9 kips & 68 °F)									
1/2'	13.08								
1'	11.50								
2'	9.69								
3'	9.25								
4'	9.94								
5'	10.60								
6'	11.60								
7'	8.83								
8'	8.55								
9'	7.76								
10'	8.25								

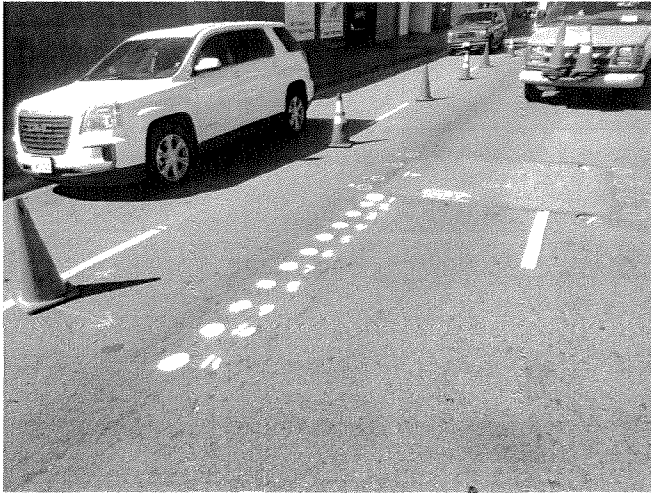


**CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
Determination of Area of Influence**

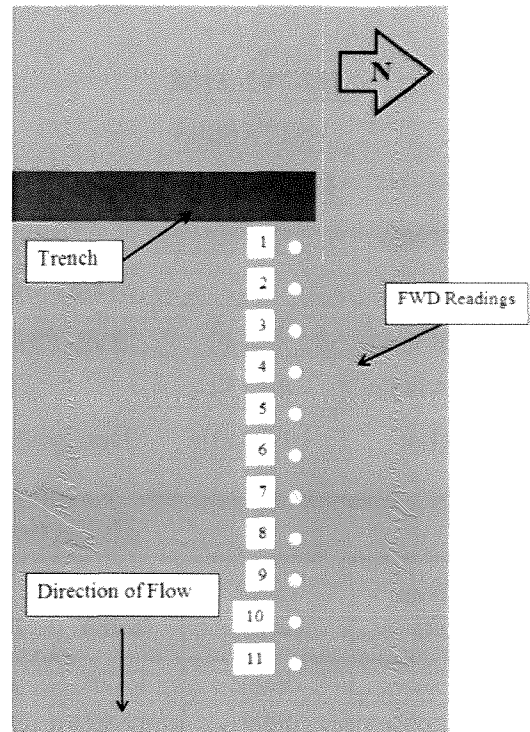
Lab No.: 17-702-2188 Section ID: 5705800
W.O. No.: S17A0003 Ref. No.: 2004008989
Location: 12126 Victory Bl
Class of Street: Select Avg. Ambient Temp. _____
Trench No.: 37 1-Day Before: 58.0 °F Date: 2/8/17
Dimension: 7' x 6' Avg. Pavement Temp. : 92.9 °F Start Time : 09:47:50
Two way ADT: 40,151
Cum. ESALs: 1,659,106 Design Period (Years): N/A Operators: PL/CP

Deflections at Intervals from Trench									
Distance from Trench (ft)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
1/2'	9.00	13.28	11.03	10.28	8.41	7.14	4.73	2.68	87.0
1'	9.05	11.62	10.65	10.55	8.33	7.23	5.13	2.76	87.0
2'	8.92	11.23	9.65	9.24	7.77	6.91	4.85	2.57	93.0
3'	8.80	10.21	9.29	8.93	7.48	6.54	5.90	2.79	95.0
4'	8.92	9.93	8.81	8.64	7.36	6.51	4.68	2.79	96.0
5'	8.97	9.51	8.46	8.38	7.20	6.39	6.14	2.81	96.0
6'	8.83	9.18	8.20	8.14	6.97	6.33	4.50	2.73	96.0
7'	8.90	9.50	8.31	8.16	7.00	6.36	4.79	2.86	93.0
8'	8.88	9.34	8.39	8.10	6.94	6.22	4.75	2.79	93.0
9'	9.07	9.07	8.05	7.87	6.81	6.05	4.57	2.83	92.0
10'	9.12	9.23	8.18	7.98	6.93	6.21	4.77	2.88	94.0
Normalized D0 (to 9 kips & 68 °F)									
1/2'	11.82								
1'	10.28								
2'	10.08								
3'	9.29								
4'	8.92								
5'	8.49								
6'	8.33								
7'	8.55								
8'	8.42								
9'	8.01								
10'	8.11								

Site Picture

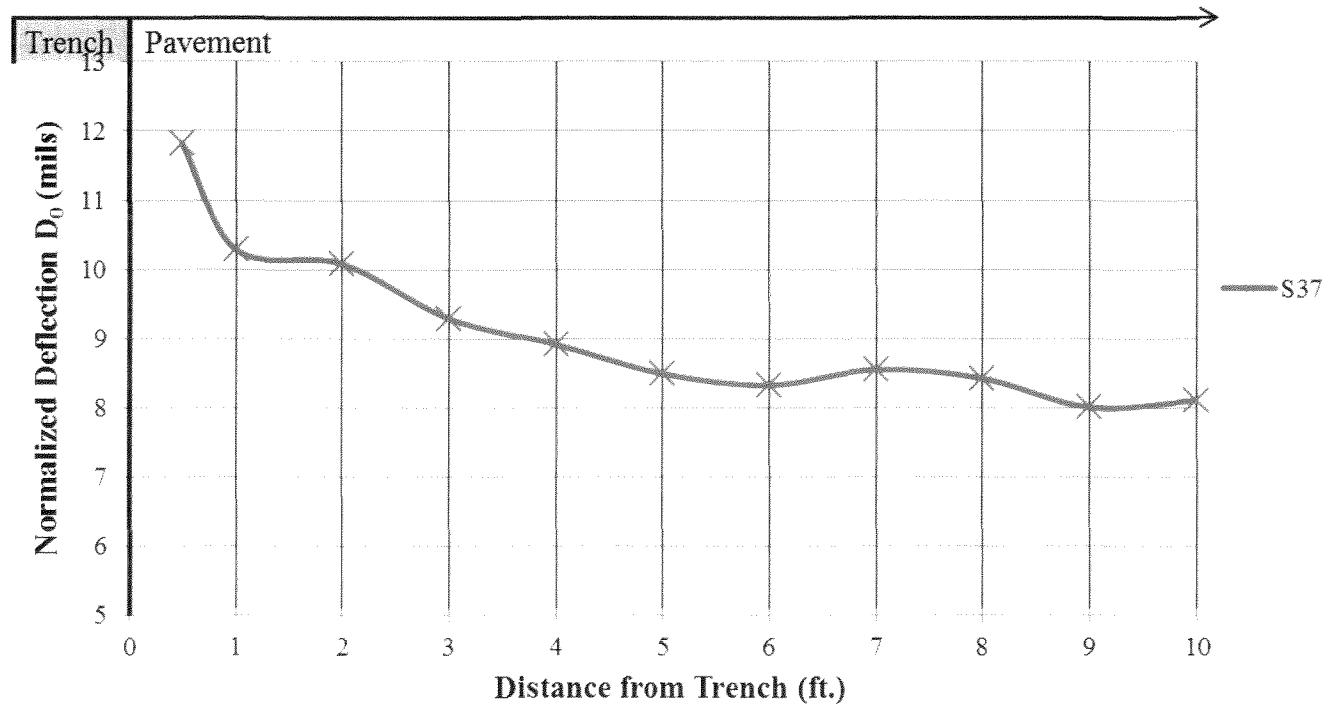


Deflection Location Diagram



Select Site # 37

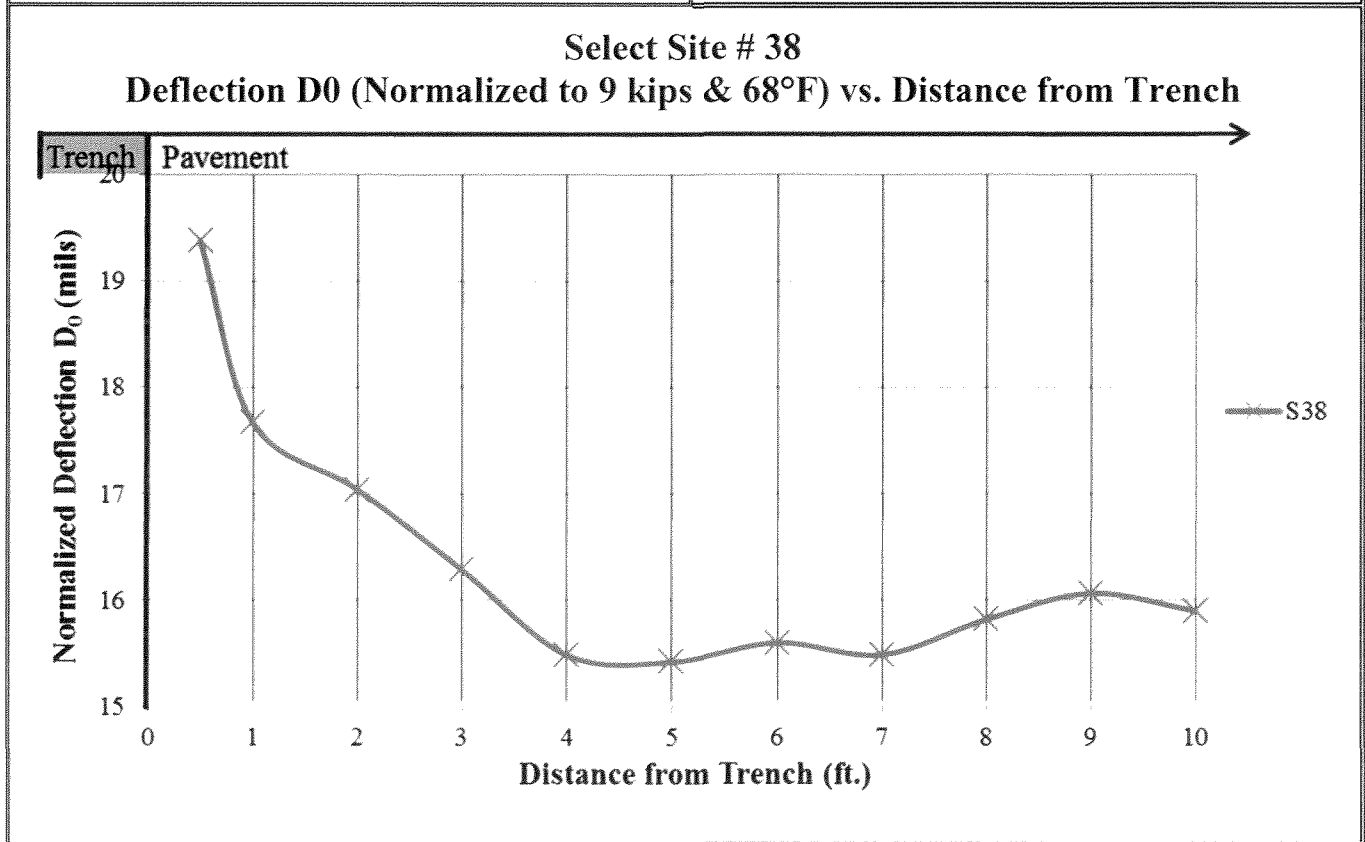
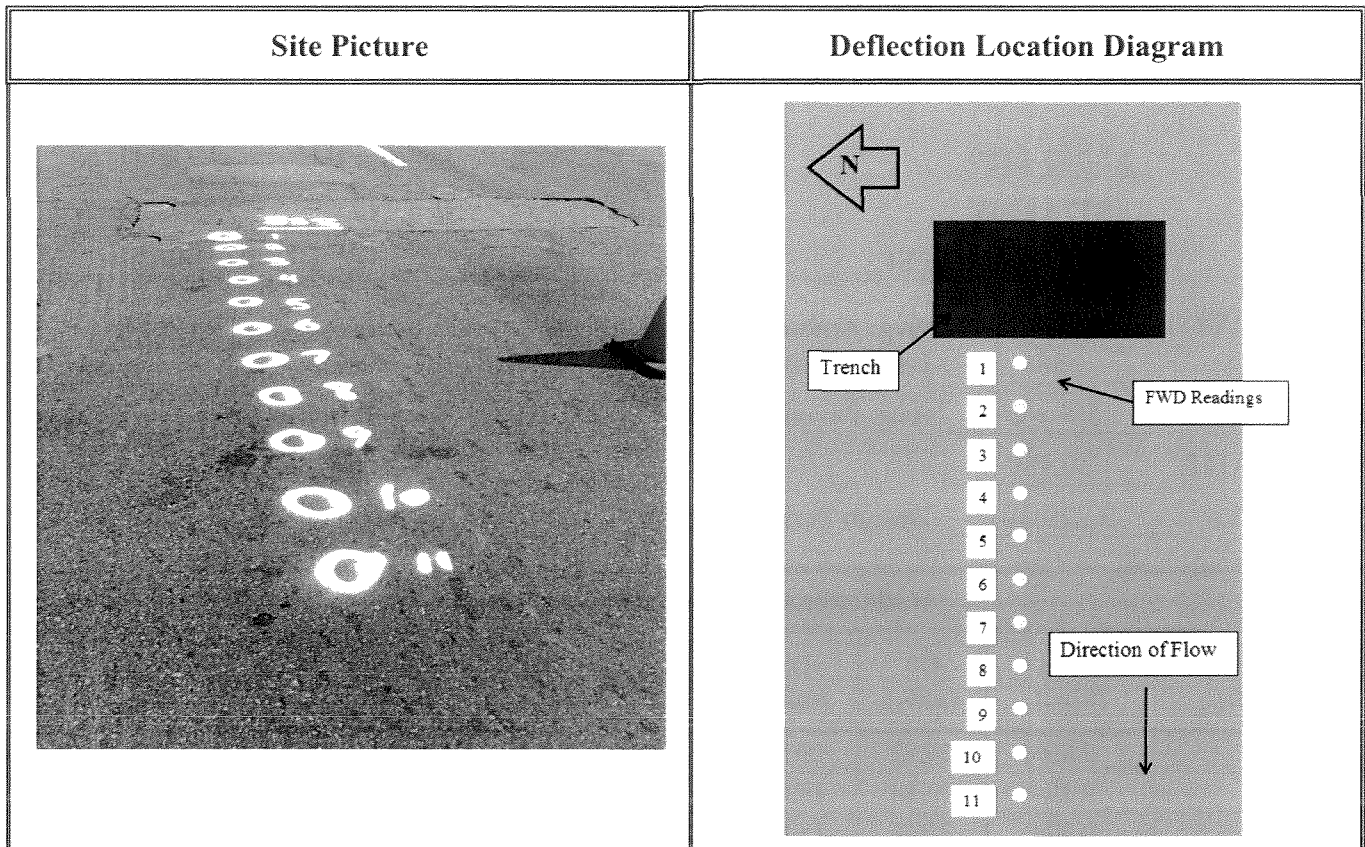
Deflection D₀ (Normalized to 9 kips & 68°F) vs. Distance from Trench



**CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
Determination of Area of Influence**

Lab No.: 17-702-2189 **Section ID:** 5542200
W.O. No.: S17A0003 **Ref. No.:** 2005007066
Location: 13457 Vanowen St
Class of Street: Select Avg. Ambient Temp. _____
Trench No.: 38 1-Day Before: 72.6 °F Date: 3/10/17
Dimension: 50' x 2' Avg. Pavement Temp. : 108.0 °F Start Time : 12:26:11
Two way ADT: 30,989
Cum. ESALs: 3,229,301 Design Period (Years): N/A Operators: PL/CP

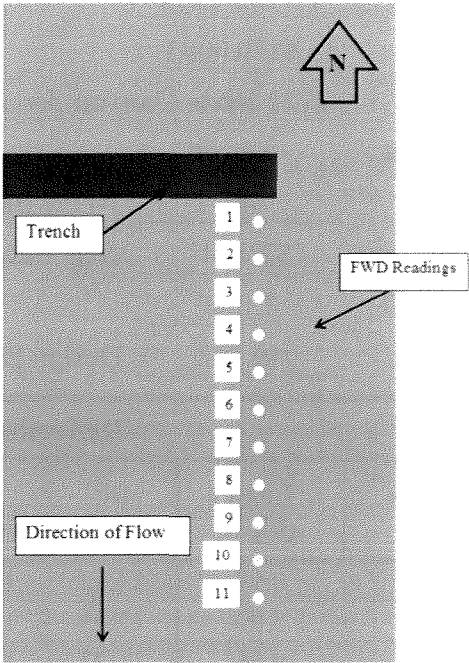
Deflections at Intervals from Trench									
Distance from Trench (ft)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
1/2'	9.00	24.53	19.57	17.6	12.77	9.35	4.3	3.33	108
1'	9.19	22.84	19.03	16.89	12.1	9.32	5.08	3.44	109
2'	9.37	22.46	18.87	16.66	12.33	8.37	5.24	3.43	108
3'	9.39	21.51	18.19	17.05	12.96	9.64	5.18	3.62	106
4'	9.37	20.41	17.13	15.65	12.29	9.86	5.88	3.7	108
5'	9.47	20.54	16.95	15.5	12.23	9.78	5.97	3.97	107
6'	9.32	20.45	16.61	15.14	11.92	9.62	5.97	3.79	108
7'	9.42	20.52	16.81	15.43	12.2	9.85	6.19	4.06	106
8'	9.24	20.56	16.7	15.3	12.08	9.69	6.04	3.95	109
9'	9.39	21.22	17.24	15.72	12.4	9.95	6.17	4.05	107
10'	9.27	20.73	17.04	15.49	12.26	9.82	6.09	3.99	108
Normalized D0 (to 9 kips & 68 °F)									
1/2'	19.38								
1'	17.67								
2'	17.04								
3'	16.29								
4'	15.49								
5'	15.42								
6'	15.60								
7'	15.49								
8'	15.82								
9'	16.07								
10'	15.90								

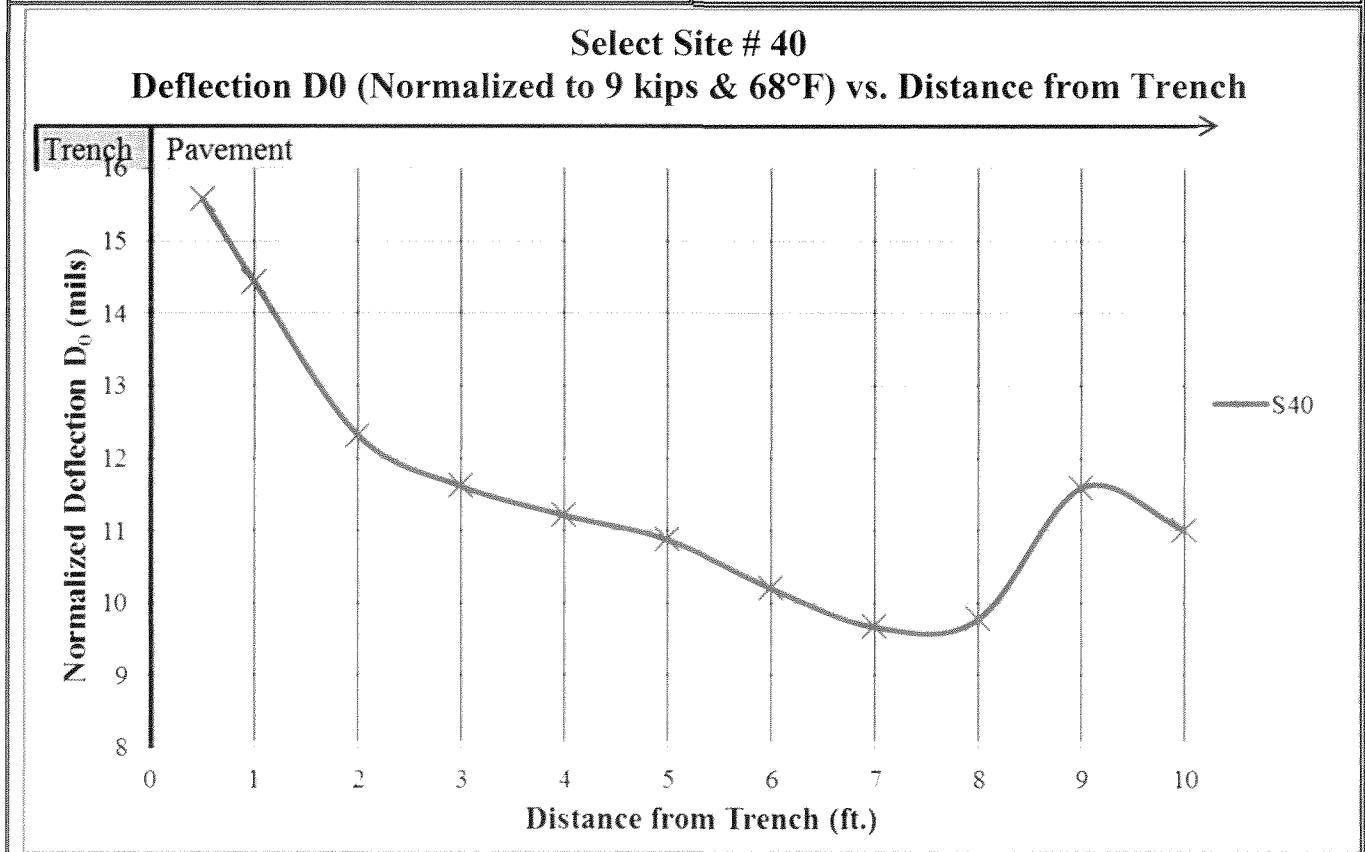


CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
Determination of Area of Influence

Lab No.: 17-702-2190 Section ID: 1604800
W.O. No.: S17A0003 Ref. No.: 2008008063
Location: 3722 Dixie Canyon Av
Class of Street: Select Avg. Ambient Temp. _____
Trench No.: 40 1-Day Before: 60.0 °F Date: 2/1/17
Dimension: 32' x 4' Avg. Pavement Temp. : 52.6 °F Start Time : 09:47:50
Two way ADT: 1,000
Cum. ESALs: 49,792 Design Period (Years): N/A Operators: PL/CP

Deflections at Intervals from Trench									
Distance from Trench (ft)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
1/2'	8.91	14.02	12.92	12.25	10.77	9.42	7.21	1.40	52.0
1'	8.91	12.99	12.27	11.46	10.63	9.54	7.20	4.64	52.0
2'	9.06	11.27	10.92	8.23	9.11	9.40	6.83	4.57	50.0
3'	8.96	10.51	9.78	0.70	8.78	8.17	6.64	4.35	49.0
4'	9.06	10.26	9.51	9.13	8.36	7.67	6.08	4.19	52.0
5'	9.06	9.95	9.28	8.95	8.17	7.51	5.96	4.15	51.0
6'	8.76	9.03	8.57	8.33	7.68	7.10	5.66	3.85	53.0
7'	9.01	8.80	8.32	8.09	7.51	6.99	5.63	3.86	52.0
8'	9.08	8.97	8.23	8.00	7.40	6.93	5.60	3.81	54.0
9'	9.01	10.02	9.02	8.53	7.74	7.08	5.59	3.75	56.0
10'	9.06	10.61	9.58	9.11	8.16	7.42	5.82	3.83	57.0
Normalized D0 (to 9 kips & 68 °F)									
1/2'	15.58								
1'	14.43								
2'	12.31								
3'	11.61								
4'	11.21								
5'	10.87								
6'	10.21								
7'	9.67								
8'	9.78								
9'	11.01								
10'	11.59								

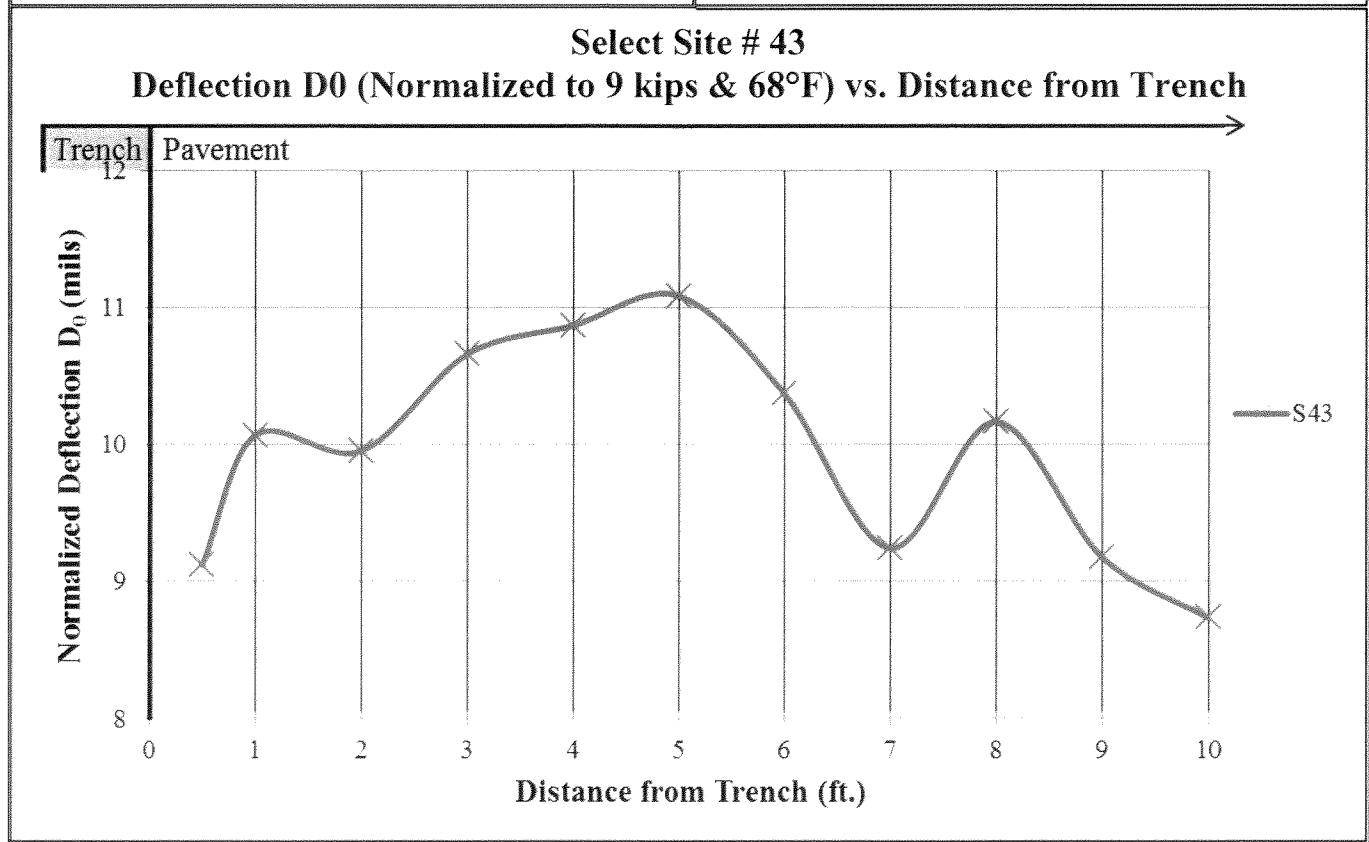
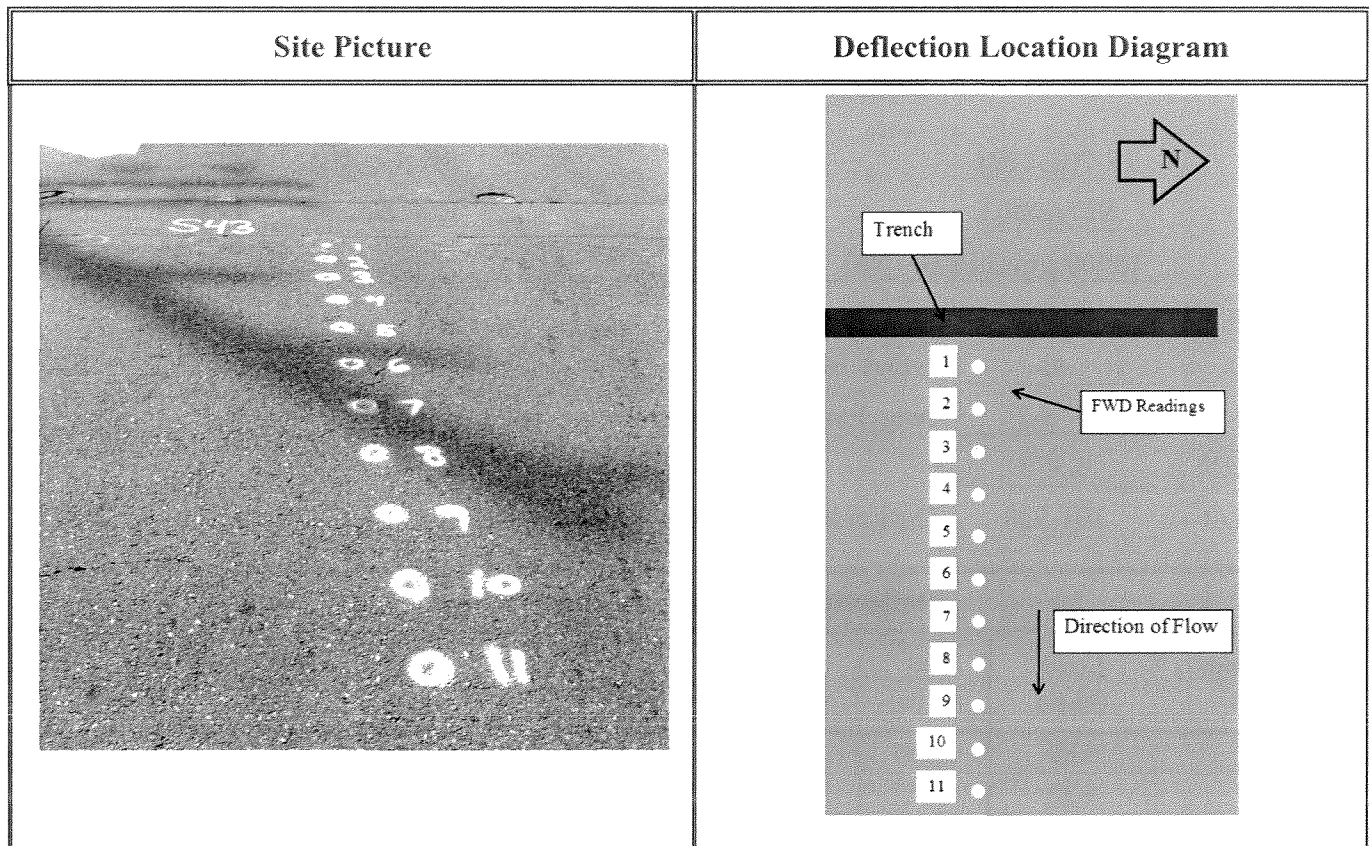
Site Picture	Deflection Location Diagram
	



CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
Determination of Area of Influence

Lab No.: 17-702-2191 Section ID: 2035600
W.O. No.: S17A0003 Ref. No.: 2006006551
Location: 14960 Foothill Bl (NS)
Class of Street: Select Avg. Ambient Temp. _____
Trench No.: 43 1-Day Before: 69.4 °F Date: 3/10/17
Dimension: 65' x 3' Avg. Pavement Temp. : 107.0 °F Start Time : 13:39:27
Two way ADT: 5,378
Cum. ESALs: 701,528 Design Period (Years): N/A Operators: PL/CP

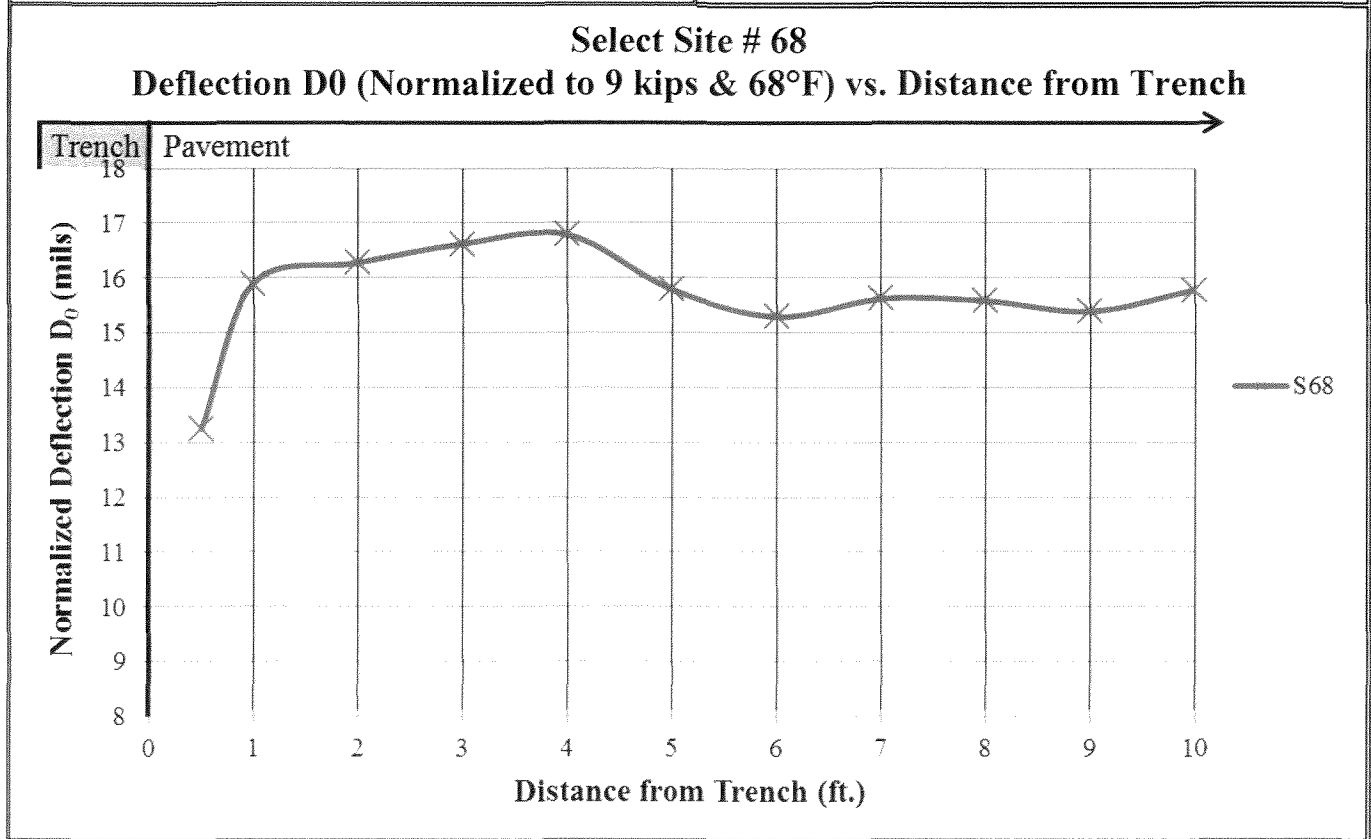
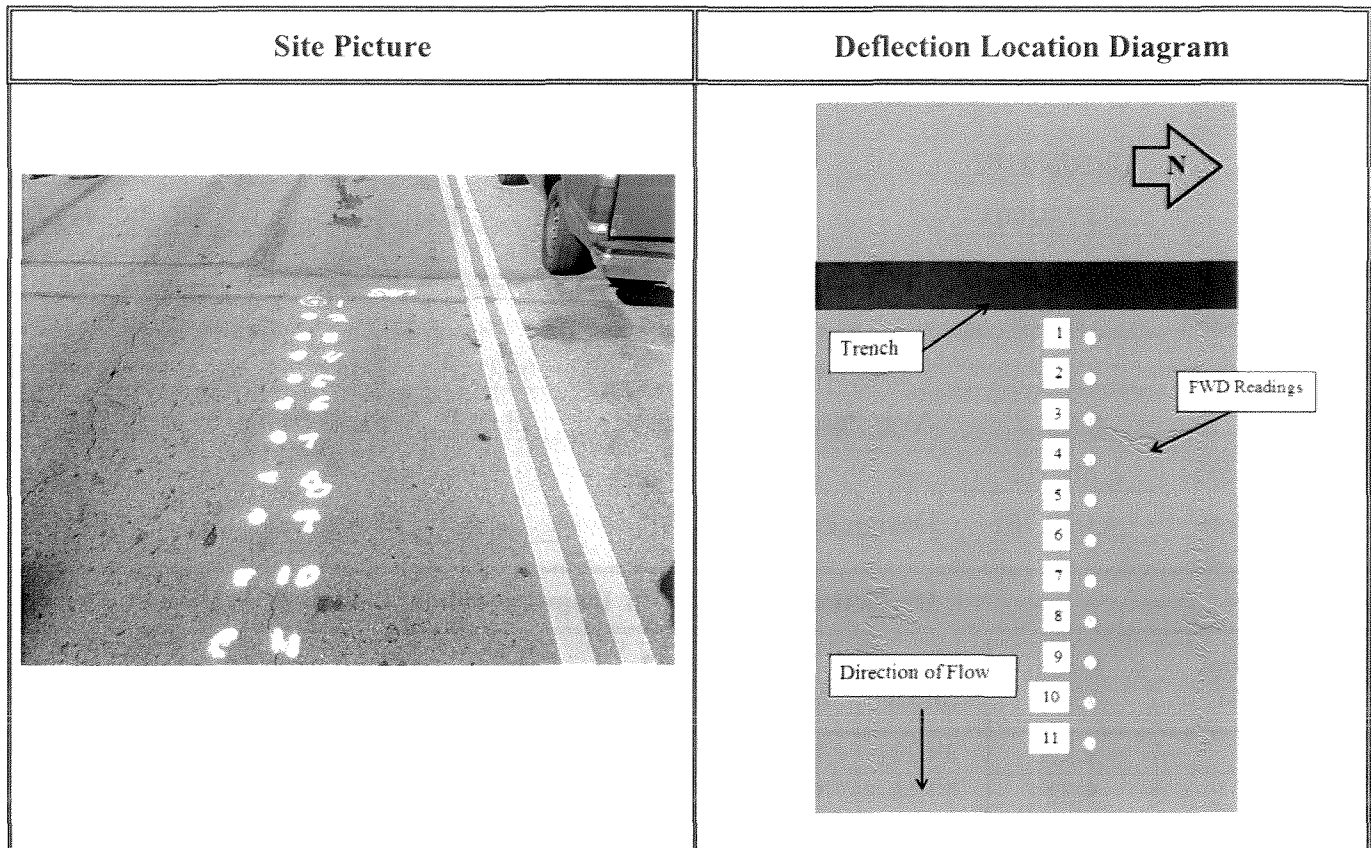
Deflections at Intervals from Trench									
Distance from Trench (ft)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
1/2'	8.88	11.84	8.02	7.21	5.46	4.25	3.1	2.3	109
1'	9.22	13.57	10.59	10.47	6.49	5.42	179.88	2.55	106
2'	9.32	13.56	11.31	10.38	8.79	6.1	22.82	2.6	107
3'	9.12	14.21	10.98	10.16	8.44	7.03	142	2.71	107
4'	9.27	14.73	11.27	10.4	8.76	7.16	4.88	2.95	107
5'	9.17	14.86	12.47	11.59	9.69	8.25	5.64	3.81	108
6'	9.27	14.06	12.5	11.47	9.83	8.38	5.97	4	106
7'	9.05	12.23	11.28	10.55	8.97	7.76	5.73	4.03	106
8'	9.07	13.48	10.15	9.83	8.41	7.15	5.11	3.66	107
9'	9.12	12.24	9.85	9.28	7.75	6.76	4.56	3.47	106
10'	9.10	11.62	9.29	9.1	7.6	6.64	4.86	3.25	108
Normalized D0 (to 9 kips & 68 °F)									
1/2'	9.12								
1'	10.07								
2'	9.95								
3'	10.66								
4'	10.87								
5'	11.08								
6'	10.37								
7'	9.24								
8'	10.17								
9'	9.18								
10'	8.73								



**CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
Determination of Area of Influence**

Lab No.: 17-702-2192 Section ID: 4602100
W.O. No.: S17A0003 Ref. No.: 2009006412
Location: Roscoe Bl & De Soto Av
Class of Street: Select Avg. Ambient Temp. _____
Trench No.: 68 1-Day Before: 60.0 °F Date: 2/8/17
Dimension: 60' x 2' Avg. Pavement Temp. : 83.0 °F Start Time : 12:17:30
Two way ADT: 56,592
Cum. ESALs: 4,078,751 Design Period (Years): N/A Operators: PL/CP

Deflections at Intervals from Trench									
Distance from Trench (ft)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
1/2'	9.27	14.22	12.99	8.92	7.30	6.52	3.42	1.69	83.0
1'	9.32	17.15	14.80	14.58	8.06	6.99	4.22	1.65	84.0
2'	9.29	17.50	14.97	14.42	12.28	11.08	4.92	1.95	83.0
3'	9.47	18.22	15.75	15.18	13.36	12.21	9.16	3.06	81.0
4'	9.37	18.21	15.41	14.84	12.85	11.49	8.79	3.47	81.0
5'	9.27	16.94	14.93	14.26	12.19	10.84	8.23	4.99	83.0
6'	9.32	16.50	14.75	14.37	12.56	11.23	8.42	4.98	85.0
7'	9.32	16.85	14.31	13.89	12.29	11.20	8.62	5.07	84.0
8'	9.42	16.99	15.00	14.28	12.36	11.24	8.82	5.33	84.0
9'	9.19	16.37	14.28	14.07	12.31	10.97	8.46	5.33	83.0
10'	9.49	17.33	14.56	13.97	12.31	11.33	8.57	5.39	82.0
Normalized D0 (to 9 kips & 68 °F)									
1/2'	13.25								
1'	15.90								
2'	16.28								
3'	16.62								
4'	16.79								
5'	15.79								
6'	15.30								
7'	15.62								
8'	15.58								
9'	15.39								
10'	15.78								



CITY OF LOS ANGELES
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STANDARDS DIVISION
Determination of Area of Influence

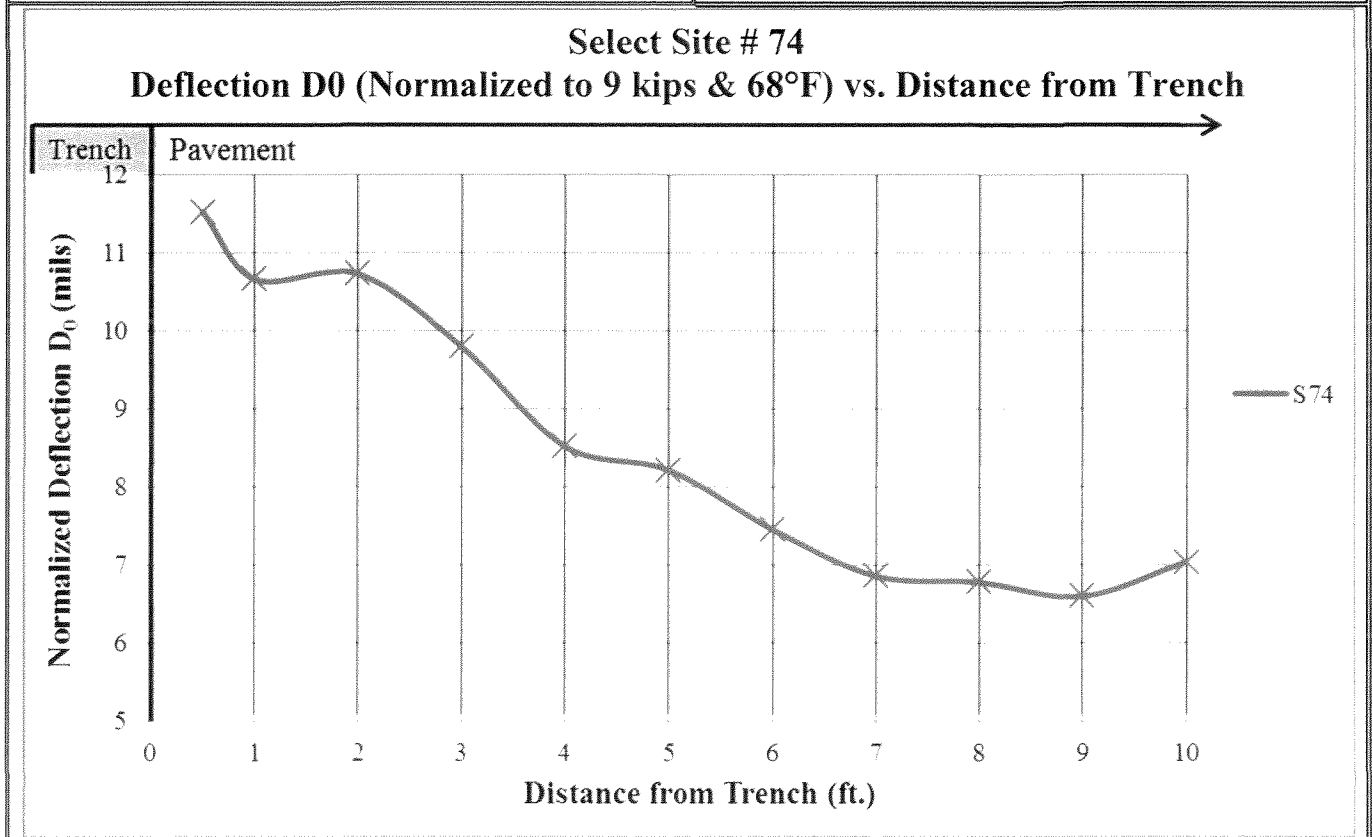
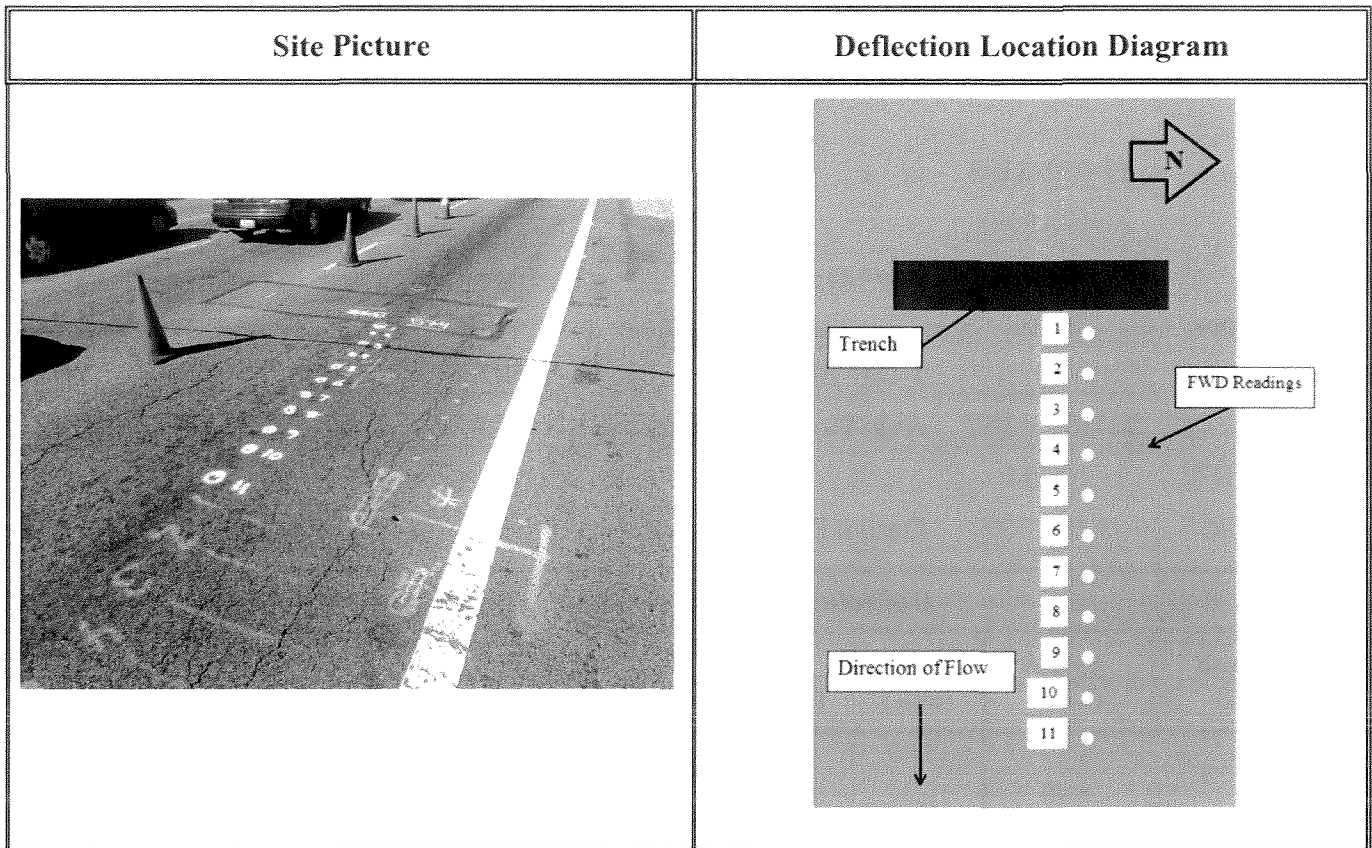
Lab No.: 17-702-2193 Section ID: 0921100
W.O. No.: S17A0003 Ref. No.: 2011001219
Location: Nordhoff Av & Canoga Av
Class of Street: Select Avg. Ambient Temp. _____
Trench No.: 74 1-Day Before: 59.0 °F Date: 2/1/17
Dimension: 11'10" x 3'9" Avg. Pavement Temp. : 88.6 °F Start Time : 12:26:37
Two way ADT: 26,754
Cum. ESALs: 3,191,369 Design Period (Years): N/A Operators: PL/AC

Deflections at Intervals from Trench

Distance from Trench (ft)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
1/2'	8.37	11.17	9.37	8.81	7.64	6.92	5.23	2.97	91.0
1'	8.40	10.37	8.80	8.12	7.06	6.39	4.81	2.97	90.0
2'	7.98	9.91	8.50	7.82	6.70	5.96	4.21	2.80	90.0
3'	8.15	9.24	8.02	7.70	6.70	5.96	4.97	2.42	89.0
4'	8.03	7.92	6.59	6.41	5.89	5.51	3.75	2.40	87.0
5'	8.13	7.73	6.44	6.24	5.71	5.40	3.75	2.52	89.0
6'	8.03	6.93	5.79	5.58	5.10	4.75	3.65	2.53	89.0
7'	7.96	6.32	5.34	5.14	4.78	4.44	3.68	2.38	88.0
8'	7.89	6.19	5.07	4.92	4.49	4.15	3.51	2.23	87.0
9'	8.03	6.13	5.05	4.86	4.44	4.11	2.81	2.23	86.0
10'	8.08	6.58	5.26	5.02	4.54	4.19	1.69	2.22	89.0

**Normalized D0
(to 9 kips & 68 °F)**

1/2'	11.53
1'	10.67
2'	10.73
3'	9.80
4'	8.52
5'	8.21
6'	7.46
7'	6.86
8'	6.78
9'	6.60
10'	7.04



CITY OF LOS ANGELES
DEPARTMENT OF GENERAL SERVICES
STANDARDS DIVISION
Determination of Area of Influence

Lab No.: 17-702-2194 Section ID: 1909600
W.O. No.: S17A0003 Ref. No.: 2010003811
Location: 6024 Fallbrook Av
Class of Street: Select Avg. Ambient Temp. _____
Trench No.: 77 1-Day Before: 59.0 °F Date: 2/1/17
Dimension: 77' x 3'8" Avg. Pavement Temp. : 89.4 °F Start Time : 12:52:45
Two way ADT: 31,311
Cum. ESALs: 2,486,463 Design Period (Years): N/A Operators: PL/CP

Deflections at Intervals from Trench									
Distance from Trench (ft)	Load (kips)	D0 (mils)	D8 (mils)	D12 (mils)	D18 (mils)	D24 (mils)	D36 (mils)	D60 (mils)	Temp. (°F)
1/2'	8.23	12.86	8.60	8.16	7.02	6.49	4.39	3.09	88.0
1'	8.23	10.87	10.30	8.33	7.71	8.43	0.28	3.19	91.0
2'	8.50	9.55	9.36	9.37	8.87	7.06	5.42	3.39	90.0
3'	8.52	9.01	8.60	8.52	8.22	8.10	16.03	3.40	91.0
4'	8.42	8.60	7.98	7.77	7.28	7.01	6.05	3.62	91.0
5'	8.13	8.48	7.72	7.47	6.83	6.48	5.11	3.67	88.0
6'	8.37	8.74	7.94	7.67	7.06	6.56	5.48	3.89	88.0
7'	8.35	8.73	8.00	6.95	7.02	6.58	5.08	3.78	88.0
	Normalized D0 (to 9 kips & 68 °F)								
1/2'	13.50								
1'	11.41								
2'	9.71								
3'	9.14								
4'	8.82								
5'	9.01								
6'	9.02								
7'	9.03								

Site Picture	Deflection Location Diagram
	