

Pavement and Base Material Data Table
US 98/SR 700 at CR 491/Citrus Way
MP 8.071 to MP 8.212
Hernando County, Florida
Contract C9X87 TWO 1.57
Districtwide FPID: 404580-1-32-11
Design FPID: 439448-1
Tierra Project No.: 6511-17-191-001.57

Core ID	Lane	Wheel Path	Roadway Alignment	Easting ⁽¹⁾	Northing ⁽¹⁾	Core Date	County Mile Post	Number of Layers Estimated	Pavement Layers ⁽²⁾										Total Core Length (in.)	Base Material			Subgrade Material ⁽³⁾		Crack ⁽⁴⁾				Pavement Condition ⁽⁴⁾	Rut Depth (in.)	Cross Slope (%)	Notes			
									F12.5	T1	F9.5	BIND	S1	BIND	S1	S2	ARMI	S1		BIND	Limerock	Soil Cement	Asphalt Base Course	Type Stratum	Thickness (ft.)	Depth (in.)	Type	Class					Extent		
C-04	L2	Y	SR 700 (US 98)	513011	1569513	11/4/2019	8.07	3	1.6				3.5	1.1								6.2	8.8	--	--	A-2-4	1.3 to 3.5	3.0	B	II	L	P			
C-05	L2	N	SR 700 (US 98)	512995	1569524	11/4/2019	8.08	3			1.6		4.4	1.0								7.0	9.0	--	--	A-2-4 A-6	1.3 to 1.5 1.5 to 2.5	3.1	B	II	L	P			
C-03	L3	Y	SR 700 (US 98)	512983	1569554	11/4/2019	8.08	2	1.8	1.8												3.6	6.5	--	--	A-2-4	0.9 to 2.5	3.6	C	II	M	P			Full Depth Crack Observed In Core
C-01	R1	N	SR 700 (US 98)	512374	1569984	11/4/2019	8.22	3			1.7		2.7	0.9								5.3	8.5	--	--	A-2-4	1.2 to 3.5	2.0	B	II	L	F			Bottom Up Cracking
C-02	R2	Y	SR 700 (US 98)	512424	1569934	11/4/2019	8.21	2	1.9				6.0									7.9	--	--	5.9	A-2-4	1.2 to 3.5	__ ⁽⁵⁾	__ ⁽⁵⁾	__ ⁽⁵⁾	__ ⁽⁵⁾	G			
C-06	L1	Y	CR 491	512809	1569369	11/4/2019	8.12	2			0.6		3.4									4.0	--	14.0	--	A-2-4	1.5 to 3.5	__ ⁽⁵⁾	__ ⁽⁵⁾	__ ⁽⁵⁾	__ ⁽⁵⁾	F			
C-09	L1	Y	CR 491	512780	1569744	11/4/2019	8.12	1			2.1											2.1	--	15.9	---	A-7-6	1.5 to 3.0	2.1	A	I	S	P			Full Depth Crack Observed In Core
C-11	L1	Y	CR 491	512803	1570324	11/4/2019	8.12	6			1.3	1.8	0.6	1.6	5.1						0.7	11.1	7.0	--	--	A-2-4	1.5 to 3.5	__ ⁽⁵⁾	__ ⁽⁵⁾	__ ⁽⁵⁾	__ ⁽⁵⁾	G			Bottom Up Cracking
C-07	R1	Y	CR 491	512819	1569343	11/4/2019	8.12	2	1.1				3.1									4.2	--	11.8	--	A-2-4	1.3 to 3.5	__ ⁽⁵⁾	__ ⁽⁵⁾	__ ⁽⁵⁾	__ ⁽⁵⁾	F			
C-10	R1	Y	CR 491	512816	1570321	11/4/2019	8.12	6			1.5	1.7	0.9	1.4	2.9		0.8					9.2	7.0	--	--	A-2-4	1.4 to 3.0	__ ⁽⁵⁾	__ ⁽⁵⁾	__ ⁽⁵⁾	__ ⁽⁵⁾	G			Bottom Up Cracking
C-08	R2	Y	CR 491	512831	1569750	11/4/2019	8.12	5			2.0		2.2			2.5	0.4	1.1				8.2	6.8	--	--	A-2-6 A-2-4	1.3 to 2.5 2.5 to 3.0	__ ⁽⁵⁾	__ ⁽⁵⁾	__ ⁽⁵⁾	__ ⁽⁵⁾	G			Bottom Up Cracking

⁽¹⁾ Pavement core locations were estimated in the field by a representative of Tierra using a non-survey grade GPS unit with a reported accuracy of ± 10 feet and therefore should be considered approximate. GPS coordinates provided are referenced to the Florida State Plane West coordinate system.

⁽²⁾ Pavement layer identification based on visual review using FDOT nomenclature. Actual pavement layer may be a local mix. Pavement layers are classified in descending order from the top of the core sample to the bottom.

⁽³⁾ Depth of subgrade measured from top of pavement layer.

⁽⁴⁾ Pavement condition and crack evaluation based on visual observation only.

⁽⁵⁾ Crack was not observed in core.

⁽⁶⁾ No measurable ruts observed.

N/A: Not Available

Lane Designations

L1 - 1st Lane Left of Centerline
L2 - 2nd Lane Left of Centerline
L3 - 3rd Lane Left of Centerline
R1 - 1st Lane Right of Centerline
R2 - 2nd Lane Right of Centerline
R3 - 3rd Lane Right of Centerline

Crack Type

A - Alligator
B - Block
C - Combination

Crack Rating

Class IB - Hairline cracks that are ≤ 1/8 inch wide
Class II - Cracks > than 1/8 inch and ≤ 1/4 inch
Class III - Cracks > 1/4 inch

Extent

L - Light
M - Moderate
S - Severe

Pavement Condition

G - Good
F - Fair
P - Poor

Cross Slopes

I - Inside Slope
O - Outside Slope