1 (January 5, 2015) 2 Pavement surface smoothness for this project will include International Roughness 3 Index (IRI) testing that will be completed by the Contracting Agency. The 4 Contracting Agency will perform the IRI testing on each through lane, climbing lane, 5 and passing lane, greater than one mile in length and these lanes will be subject to 6 incentive/disincentive adjustments. IRI testing for a lane will be reported every 0.01 7 mile by averaging the IRI data for the left and right wheelpath within the section. 8 9 Bridge approaches and bridge decks that are located within the lanes specified to 10 be tested and are paved with HMA will be included in the IRI testing. Bridge 11 structures, approach slabs and 0.02 miles on either side of the bridge structures 12 and approach slabs will be eligible for price adjustment incentives and excluded 13 from disincentive adjustments. 14 15 Ramps, shoulders and tapers will not be included in IRI testing for pavement 16 smoothness and will not be subject to incentive adjustments. They will be subject 17 to parallel and transverse 10-foot surface requirements, corrective work and 18 disincentive adjustments. 19 20 Upon completion of the paving operation the Contractor shall notify the Engineer 21 that the roadway is ready for IRI testing. Notification shall not take place until the 22 following conditions are met for all lanes to be tested on the project: 23 24 1. All lanes are open to traffic, unrestricted and in their final configuration. 25 26 2. All permanent pavement markings are in place or temporary pavement 27 markings to the satisfaction of the Engineer. 28 29 If requested by the Engineer the Contractor shall sweep the roadway immediately 30 prior to testing. If the sweeping is needed as a result of the Contractor's operation 31 it shall be the responsibility and expense of the Contractor. Should the Contracting 32 Agency not be able to complete the testing as a result of the Contractor's Work the 33 testing will be rescheduled and any additional costs to the Contracting Agency will 34 be deducted from monies due or that may become due the Contractor. 35 36 It is the intent that the testing will be completed and the results provided to the Contractor within 30 calendar days of the Contractor's notification that the roadway 37 38 is ready for testing. If weather or other conditions exist which are determined by 39 the Engineer to be unsuitable for IRI testing of the pavement then the testing will be 40 deferred until favorable conditions are available and the 30 calendar days 41 extended. 42 43 Provided that all other Work required for Substantial Completion has been 44 completed; the day following the Contractor's notification that the roadway is ready 45 for IRI testing through the day the IRI data is provided to the Contractor will be 46 nonworking days in accordance with Section 1-08.5. 47 48 Corrective work for pavement smoothness may be taken by the Contractor prior to 49 IRI testing. After completion of the IRI testing the Contractor shall measure the 50 smoothness of each 0.01 mile section with an IRI greater than 125 with a 10-foot 51 straightedge within 14 calendar days or as approved by the Engineer. The 52 Contractor shall identify all locations that require corrective work and provide the

1 2	straight Engine	edge n er. If al	neasurement I measureme	s at each location nts in a 0.01 sec	on that exceeds t ction comply with	he allowable limit to the the smoothness			
3 4	require Engine	ments tl er and a	he Contracto a statement tl	r shall provide th nat corrective wo	ne maximum mea ork is not require	asurement to the d. Unless approved by			
5	the Eng	jineer, c	corrective wo	rk shall be taken	by the Contract	or for pavement			
6	identifie	d by the	e Contractor	or Engineer that	does not meet t	he following			
7	require	ments:							
8									
9	1.	The co	mpleted surf	ace of all course	es shall be of uni	form texture, smooth,			
10		uniforn	n as to crowr	and grade, and	I free from defec	ts of all kinds.			
11									
12	2.	The co	mpleted surf	ace of the weari	ng course shall i	not vary more than 1/8			
13		inch fro	om the lower	edge of a 10-fo	ot straightedge p	laced on the surface			
14		paralle	el to the cente	erline.					
15	0	-		<u>, , , , , , , , , , , , , , , , , , , </u>					
16	3.	Ine co	mpleted surf	ace of the wear	ng course shall	/ary not more than 1/4			
17		inch in	10 feet from	the rate of trans	sverse slope sno	wh in the Plans.			
18		o otivo v	ork aball ba	completed at po	additional avaa	an including troffic			
19	All COIle	to the (Contracting		additional exper	ise, including traffic			
20	the follo		Softracting P	gency. Favenie	ent shall be repa	lied by one of more of			
21 22		wing m	iethous.						
22	1	Diamo	nd arindina.	renairs shall not	reduce naveme	nt thickness by more			
20		than 1/2	inch			it thethese by more			
25									
26	2.	Remov	al and repla	cement of the H	MA wearing cou	se.			
27									
28	3.	By oth	er method ap	proved by the E	ingineer.				
29		-			-				
30	For rep	airs follo	owing IRI tes	ting the repaired	l area shall be ch	necked by the			
31	Contractor with a 10-foot straightedge to ensure it no longer requires corrective								
32	work. With approval of the Engineer a lightweight profiler, California profilograph or								
33	other de	evice m	ay be used ir	n place of the 10	-foot straight ed	ge.			
34	17			Р (I I					
35	If corre	ction of	the roadway	as listed above	either will not or	does not produce			
36	satistac	tory res	suits as to sm	ootnness or ser	VICEADIIITY THE Er	Igineer may accept the			
37		ted pav	ement and a	credit will be ca	iculated in accor	dance with Section 5-			
20 20	04.5(1)	. Unuer		nstances the de		shall be vested entirely			
39 40	in the E		require com	ective work as u		shall be vested entirely			
40 41		nymeer	•						
41 42	During	tha last	roviow of this	s roadway, which	h was conducted	1 on *** \$\$1\$\$ *** hv			
43	the Contracting Agency the following IRI (inches/mile) values were obtained. The								
44	IRI values are informational only and are average IRI values for 0.10 mile sections								
45	Additio	nal infor	mation may I	be available for	review at the End	gineer's Office.			
46						,			
47	***								
	S	SR	Begin	End	IRI	IRI			
			-		Running Avg NB/EB	Running Avg SB/WB			
			Milepost	Milepost	(Inch/mile)	(Inch/mile)			

\$\$2\$\$ \$9	3\$\$	\$\$4\$\$	\$\$5\$\$	\$\$6\$\$
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1 *** 2