

Public Works Commission

Application for Financial Assistance

IMPC	RTANT: Please consult "Instructions for I	Financial Assistance for Capital Infr	astructure Pro	jects" for guidance in c	completion of this form.			
	Applicant: Subdivision Code:							
Applicant	District Number: County:	Date: _						
App	Contact:(The individual who will be available during	business hours and who can best answer or coo	rdinate the respons	e to questions) Phone:				
	Email:			FAX: _				
	Project Name:			Zip Code	:			
	Subdivision Type	Project Type		Funding Request S	Summary			
Ļ		(Select single largest component by \$)	(Automatica	ally populates from page 2)				
Project		1. Road	Total Proje	ect Cost:	.00			
Pro	SFN	2. Bridge/Culvert		Grant:	.00			
		3. Water Supply	2. 1	_oan:	.00			
		4. Wastewater		Loan Assistance/ Credit Enhancement:	.00			
		5. Solid Waste						
		6. Stormwater	Funding R	lequested:	.00			
Di	strict Recommendation	(To be completed by the District C	committee)					
(Se	Funding Type Requested	SCIP Loan - Rate:9	% Term:	Yrs Amount:	.00			
	State Capital Improvement Program	RLP Loan - Rate:	% Term:	Yrs Amount:	.00			
	Local Transportation Improvement Program	Grant:		Amount:	.00			
	Revolving Loan Program	LTIP:		Amount:	.00			
	Small Government Program			Amount.	.00			
	District SG Priority:	Loan Assistance / Credit I	Enhancemen	t: Amount:	.00			
Fo	r OPWC Use Only							
	STATUS	Grant Amount:	.00	Loan Type:	SCIP 🗌 RLP			
Proje	ct Number:	Loan Amount:	.00	Date Construction	End:			
		Total Funding:	.00	Date Maturity:				
Relea	ase Date:	Local Participation:	%	Rate:	%			
OPW	C Approval:	OPWC Participation:	%	Term:	_ Yrs			

1.0 Project Financial Information (All Costs Rounded to Nearest Dollar)

1.1 Project Estimated Costs

Engineering Services			
Preliminary / Final Design:	.00		
Construction Administration:			
Total Engineering Services:	a.)	.00	%
Right of Way:	b.)	.00	
Construction:	c.)	.00	
Permits, Advertising, Legal:	e.)	.00	
Construction Contingencies:	f.)	.00	
Total Estimated Costs:	g.)	.00	
1.2 Project Financial Resources			
Local Resources			
Local In-Kind or Force Account:	a.)	.00	
Local Revenues:	b.)	.00	
Other Public Revenues:			
Local / ODOT - Let:	d.)	.00	
ODOT PID:			
OEPA / OWDA:	e.)	.00	
CDBG:	f.)	.00	
Other:	g.)	.00	
Subtotal Local Resources:	i.)	.00	%
OPWC Funds (Check all requested and enter Amoun	t)		
Grant: % of OPWC Funds	j.)	.00	
Loan: % of OPWC Funds	k.)	.00	yrs
Loan Assistance / Credit Enhancement:	l.)	.00	
Subtotal OPWC Funds:	m.)	.00	%
Total Financial Resources:	n.)	.00	%

1.3 Availability of Local Funds

Attach a statement signed by the <u>Chief Financial Officer</u> listed in section 5.2 certifying <u>all local</u> <u>resources</u> required for the project will be available on or before the earliest date listed in the Project Schedule section. The OPWC Agreement will not be released until the local resources are certified. Failure to meet local share may result in termination of the project. Applicant needs to provide written confirmation for funds coming from other funding sources.

2.0 Repair / Replacement or New / Expansion

2.1 Total Portion of Project New / Expansion: ______.00

3.0 Project Schedule

3.1 Engineering / Design / Right of Way	Begin Date:	End Date:
3.2 Bid Advertisement and Award	Begin Date:	End Date:
3.3 Construction	Begin Date:	End Date:

Construction cannot begin prior to release of executed Project Agreement and issuance of Notice to Proceed.

Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be requested in writing by project official of record and approved by the Commission once the Project Agreement has been executed.

4.0 Project Information

If the project is multi-jurisdictional, information must be consolidated in this section.

4.1 Useful Life / Cost Estimate / Age of Infrastructure

Project Useful Life: _____ Years Age: _____ (Year built or year of last major improvement) Attach Registered Professional Engineer's statement, with seal or stamp and signature confirming the project's useful life indicated above and detailed cost estimate.

4.2 User Information

Road or Bridge: Current ADT _____ Year _____

Water / Wastewater: Based on monthly usage of 4,500 gallons per household; attach current ordinances.

 Residential Water Rate
 Current \$ _____
 Number of households served: ______

Number of households served:

Residential Wastewater Rate Current \$ _____ Number of households served: _____

Stormwater:

4.3 Project Description

A: SPECIFIC LOCATION (Supply a written location description that includes the project termini; a map does not replace this requirement.) 2000 character limit.

B: IDENTIFY THE PROBLEM (Describe the issue to be addressed) 2000 character limit.

C: PROJECT SCOPE (Describe the work to be completed) 2000 character limit.

D. How do you intend to promote this project? 1000 character limit.

E: Additional Notes From Applicant - 1000 character limit.

5.0 Project Officials

Changes in Project Officials must be submitted in writing from an officer of record.

5.1 Chief Executive Officer (Person authorized in legislation to sign project agreements)

	Name:			
	Title:			
	Address:			
	City:		State:	Zip:
	Phone:			
	FAX:			
	E-Mail:			
5.2 Chief Financial Officer	(Can not also s	erve as CEO)		
	Name:			
	Title:			
	Address:			
	City:		State:	Zip:
	Phone:			
	FAX:			
	E-Mail:			
5.3 Project Manager				
	Name:			
	Title:			
	Address:			
	City:		State:	Zip:
	Phone:			
	FAX:			
	E-Mail:			

6.0 Attachments / Completeness review

Confirm in the boxes below that each item listed is attached (Check each box)

A certified copy of the legislation by the governing body of the applicant authorizing a designated official to sign and submit this application and execute contracts. This individual should sign under 7.0, Applicant Certification, below.

A certification signed by the applicant's chief financial officer stating the amount of <u>all local share</u> funds required for the project will be available on or before the dates listed in the Project Schedule section. If the application involves a request for loan (RLP or SCIP), a certification signed by the CFO which identifies a specific revenue source for repaying the loan also must be attached. Both certifications can be accomplished in the same letter.

A registered professional engineer's detailed cost estimate and useful life statement, as required in 164-1-13, 164-1-14, and 164-1-16 of the Ohio Administrative Code. Estimates shall contain an engineer's <u>seal or stamp and signature.</u>

A cooperative agreement (if the project involves more than one subdivision or district) which identifies the fiscal and administrative responsibilities of each participant.

Farmland Preservation Review - The Governor's Executive Order 98-IIV, "Ohio Farmland Protection Policy" requires the Commission to establish guidelines on how it will take protection of productive agricultural and grazing land into account in its funding decision making process. Please include a Farm Land Preservation statement for projects that have an impact on farmland.

Capital Improvements Report. CIR Required by O.R.C. Chapter 164.06 on standard form.

Supporting Documentation: Materials such as additional project description, photographs, economic impact (temporary and/or full time jobs likely to be created as a result of the project), accident reports, impact on school zones, and other information to assist your district committee in ranking your project. Be sure to include supplements which may be required by your local District Public Works Integrating Committee.

7.0 Applicant Certification

The undersigned certifies: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission as identified in the attached legislation; (2) to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) all official documents and commitments of the applicant that are part of this application have been duly authorized by the governing body of the applicant; and, (4) should the requested financial assistance be provided, that in the execution of this project, the applicant will comply with all assurances required by Ohio Law, including those involving Buy Ohio and prevailing wages.

Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement for this project has been executed with the Ohio Public Works Commission. Action to the contrary will result in termination of the agreement and withdrawal of Ohio Public Works Commission funding from the project.

Certifying Representative (Printed form, Type or Print Name and Title)

Original Signature / Date Signed

A RESOLUTION

Approving the Submission of Grant Applications to the District 4 (Montgomery County, Ohio) Public Works Commission Integrating Committee; Authorizing the Acceptance of Grant Awards from the State of Ohio Public Works Commission for the State Issue 1 Program for Public Capital Infrastructure Improvements in an Amount Not to Exceed Three Million Fifty-Five Thousand Dollars and Zero Cents (\$3,055,000.00) on Behalf of the City of Dayton.

WHEREAS, The voters of Ohio Passed Issue 1 authorizing the State of Ohio to issue bonds for the purpose of financing or assisting local governments in financing Public Infrastructure Capital Improvements; and

WHEREAS, The General Assembly passed Amended Substitute House Bill 381 in June of 1989, which among other sections amended Section 164.05 and added Section 164.14 to the Ohio Revised Code, thereby creating a Local Transportation Improvement Fund to be administered through the District Public Works Integrating Committees in a manner similar to the Issue 1 Program, expenditures from said fund being limited to roads, bridges, and other public infrastructure improvements: and

WHEREAS, The City of Dayton has been notified that Thirteen Million Three Hundred Sixty-One Thousand Dollars and Zero Cents (\$13,361,000.00) will be available to the jurisdictions within the area covered by the District 4 Public Works Integrating Committee in total for the fiscal year 2025; and

WHEREAS, The City's request is based upon an analysis of unmet infrastructure needs and contingent upon an approved grant application submitted to the District 4 Public Works Integrating Committee; and

WHEREAS, Participation in these programs requires the availability of matching funds as spelled out in the application to abide by all procedures as noted in the Standing Rules with matching funds of proposed projects not to exceed Eleven Million Three Hundred Seventy Thousand Dollars and Zero Cents (\$11,370,000.00) in order to secure Three Million Fifty-Five Thousand and Zero Cents (\$3,055,000.00) grant funding to cover fiscal year 2025; and

WHEREAS, The City of Dayton is located within the area covered by the District 4 Public Works Integrating Committee and is entitled to apply singly or jointly for these funds for necessary infrastructure improvements; and

WHEREAS, Section 36.10 of the Revised Code of General Ordinances of the City of Dayton authorizes the City Manager to submit grant applications on behalf of the City of Dayton; now, therefore,

BE IT RESOLVED BY THE COMMISSION OF THE CITY OF DAYTON:

Section 1. That this Commission approves the City Manager's submission of a grant application and supporting documents to the District 4 Public Works Integrating Committee for participation in the State Issue 1 Program for eligible Public Infrastructure Capital Improvements defined as the acquisition, construction, reconstruction, improvement, planning and equipping of roads and bridges, wastewater treatment systems, water supply systems, solid waste disposal facilities, flood control systems, and storm water and sanitary collection, storage, and treatment facilities, including real property, interests in real property, facilities, and equipment related or incidental to those facilities.

Section 2. That the City Manager is authorized to execute any and all documents and agreements on behalf of the City of Dayton, which are necessary to accept grant awards in an amount not to exceed Three Million Fifty-Five Thousand and Zero Cents (\$3,055,000.00) from the State of Ohio Public Works Commission under the State Issue 1 Program for eligible Public Infrastructure Capital Improvements.

ADOPTED BY THE COMMISSION. August 9 2023

August 9 SIGNED BY THE MAYOR2023 ayton,

ATTEST:

Clerk of the Commission

Clerk or the Commission

APPROVED AS TO FORM:

whe has ity Attorney

CERTIFICATE OF CLERK OF THE COMMISSION

STATE OF OHIO, COUNTY OF MONTGOMERY, SS: CITY OF DAYTON.

The undersigned, Clerk of the Commission of said City, hereby certifies that the foregoing

is a true and correct co	py of	Resolution	No:	6740-23

passed by the Commission of said City	August 9	, 20 23 .
---------------------------------------	----------	-----------

In Testimony Whereof, witness my hand and official seal, this <u>11th</u>

d	ay	V	of	

August

, 20_23

Clerk the Commission of the City of Dayton, Ohio

Dayton Legal Blank, Inc.

CERTIFICATION OF LOCAL FUNDS

August 23, 2023

I, Director of Finance of the City of Dayton, hereby certify that the City of Dayton will have the amount of \$265,000 in the Vance Road Widening account and that this amount will be used to pay the local share for the Vance Road Widening project when it is required.

Kena Brown, Director of Finance

CERTIFICATION OF LOAN REPAYMENT

August 23, 2023

I, Director of Finance of the City of Dayton, hereby certify that the City of Dayton will collect the amount of \$265,000 in the Vance Road Widening account and that this amount will be used to repay the loan requested for the Vance Road Widening project over a 15 year term.

Kena Brown, Director of Finance

ITEM NO.	DESCRIPTION	EST. QUANT.	UNIT	UNIT PRICE	TOTAL
201	Clearing and Grubing	1	Each	\$100,000.00	\$100,000.00
202	Guardrail Removed	600	L.F.	\$5.00	\$3,000.00
202	Grinding Existing Pavement (1.5")	20,000	SY	\$4.00	\$80,000.00
203	Linear Grading	3,000	L.F.	\$20.00	\$60,000.00
203	Excavation, Not Including Embankment	1,100	СҮ	\$30.00	\$33,000.00
ODOT 302	Bituminous Aggregate Base (4.5")	350	СҮ	\$225.00	\$78,750.00
304	Aggregate Base	465	CY	\$65.00	\$30,225.00
ODOT 442	Asphalt Concrete Surface Course, 12.5 mm, Type A (448), PG 70-22M (1.5")	1,630	Tons	\$175.00	\$285,250.00
ODOT 442	Asphalt Concrete Intermediate Course, 19 mm, Type A (448), PG 64-28 (2.25")	350	Tons	\$140.00	\$49,000.00
606	Guardrail	600	L.F.	\$150.00	\$90,000.00
614	Maintaining Traffic	1	Lump Sum	\$50,775.00	\$50,775.00
644	Pavement Markings	1	Lump Sum	\$50,000.00	\$50,000.00
				G	PO10 000 00

Vance Road From Guthrie Avenue to South Corp Line

Construction \$910,000.00

Construction Engineering \$45,000.00

Design Engineering

- Right of Way \$0.00
- Permits, Advertising, Legal \$5,000.00
- **Construction Contingency** \$75,000.00

Total \$1,060,000.00

\$25,000.00



Joseph Weinel, P.E.

Vance Road Widening

Major Component	Cost (\$1,000)	Portion Repair / Replacement (%)	Repair / Replace Product	Useful Life (Years)	Useful Life Product
Full-depth road construction w/ drainage Full-depth road construction w/o drainage	519.7375	100	51973.75	25 25	12993.44
Partial-depth road construction w/ drainage Partial-depth road				15	
construction w/o drainage Storm Sewers Sanitary Sewers Water Lines Bridge Pumps, Lift Stations Sidewalks Bike Facility Street Lights	390.2625	100	39026.25	15 40 40 75 15 25 7 40	5853.938

Weighted Useful Life & Design Service Capacity Calculations

Totals	910	91000	18847.38

Weighted Useful Life:

20.7 Years

Design Service Capacity (Project Application, Section 2.0):Portion Repair / Replace100 %Portion New / Expansion%

seph Weinel, P.E.



OHIO PUBLIC WORKS COMMISSION DISTRICT 4 FY25 Supplemental Questionnaire

Applicant: City of Dayton

Project Title: Vance Road Widening

Application Summary:

Briefly describe the project:

This project includes the widening to meet minimum standards, full depth pavement repairs, and resurfacing of Vance Road from Guthrie to the south corporation limit.

Priority:

Is this application your priority project? (Circle One)					
Yes 🔘	No 💽				

Generation of Revenue:

Will new user fees or assessments be assessed as part of this project? (Circle One)		
Yes 🔘	No 💽	
What will the new user fees or assessments be used for?		

Additional Funding:

Will OPWC match, in part, a committed grant or loan? (Circle One)		
Yes 🔘	No 💽	
If no, was the project submitted to an appropriate agency for funding, but denied due to lack of funding? (Circle One)		
Yes – Appropriate Documentation Attached 🔘	No 💽	

Readiness of Project:

Will this project be <u>substantially</u> underway on or before June 1, 2025? (Circle One)		
Yes 💽	No 🚫	

Health & Safety:

Describe the specific health or safety issue being addressed by this project. What deficiency or condition is causing the health or safety issue?

Widening of Vance Road to bring the road in compliance with minimum standards. The current width of Vance Road is 20' and it will be widened to 22'.

Addresses District Infrastructure Needs:

Is this project located in more than one community? (Circle One)		
Yes 🔘		No 💽
What percentage of the community will be served by this project? (Circle One)		
Less than 25% 💽	25% to 40%	More than 40% 🔘

Economic Development

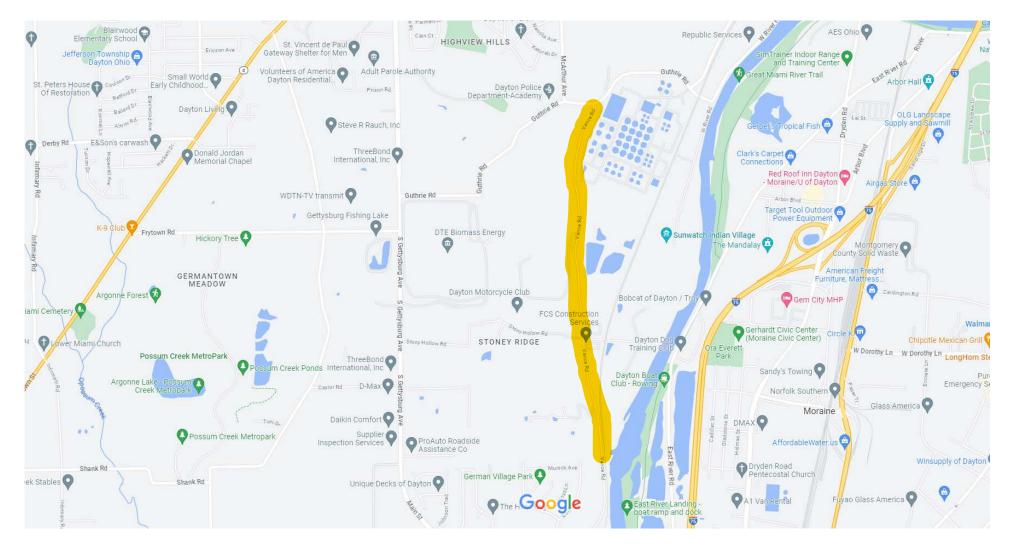
How many jobs are being created as a result of this project?	0	
How many jobs will be retained as a result of this project?	0	
Why is it necessary to fund this improvement to secure this development?		
N/A		
What type of industry is proposed in this development?		

Relieve Existing Traffic Congestion:

What is the level of service?	LOS A
-------------------------------	-------

Other Factors

What other factors exist that make this project more important than other like projects?

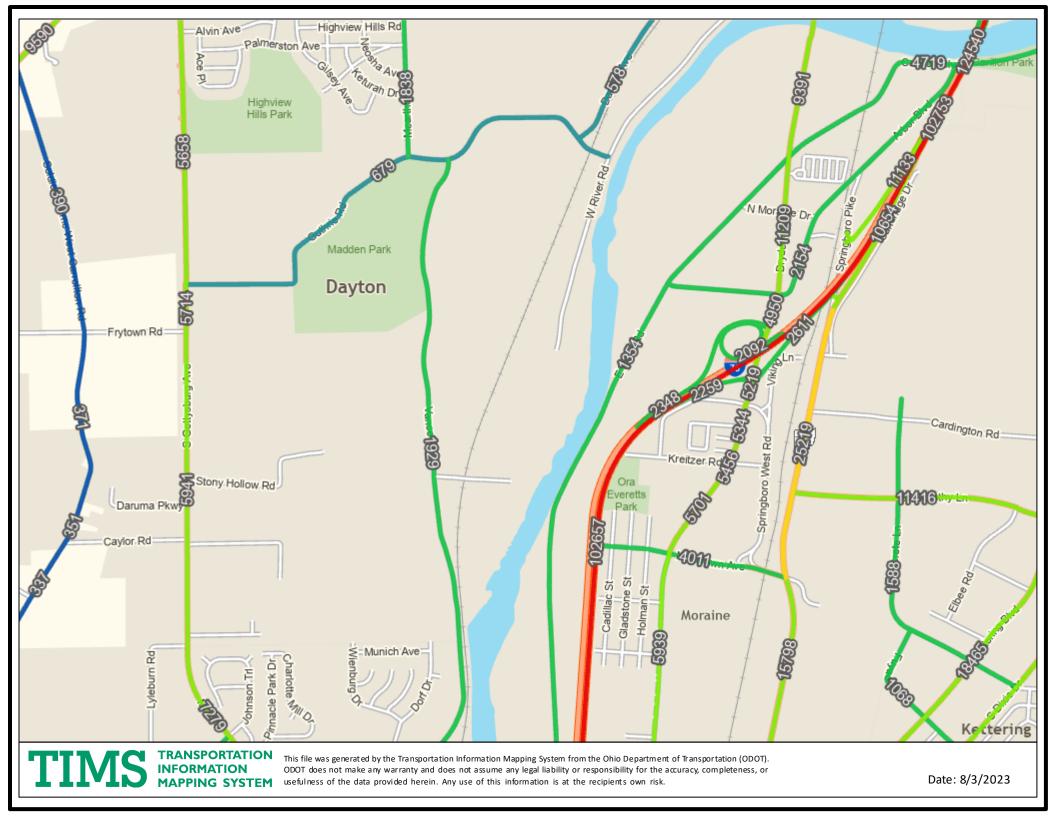


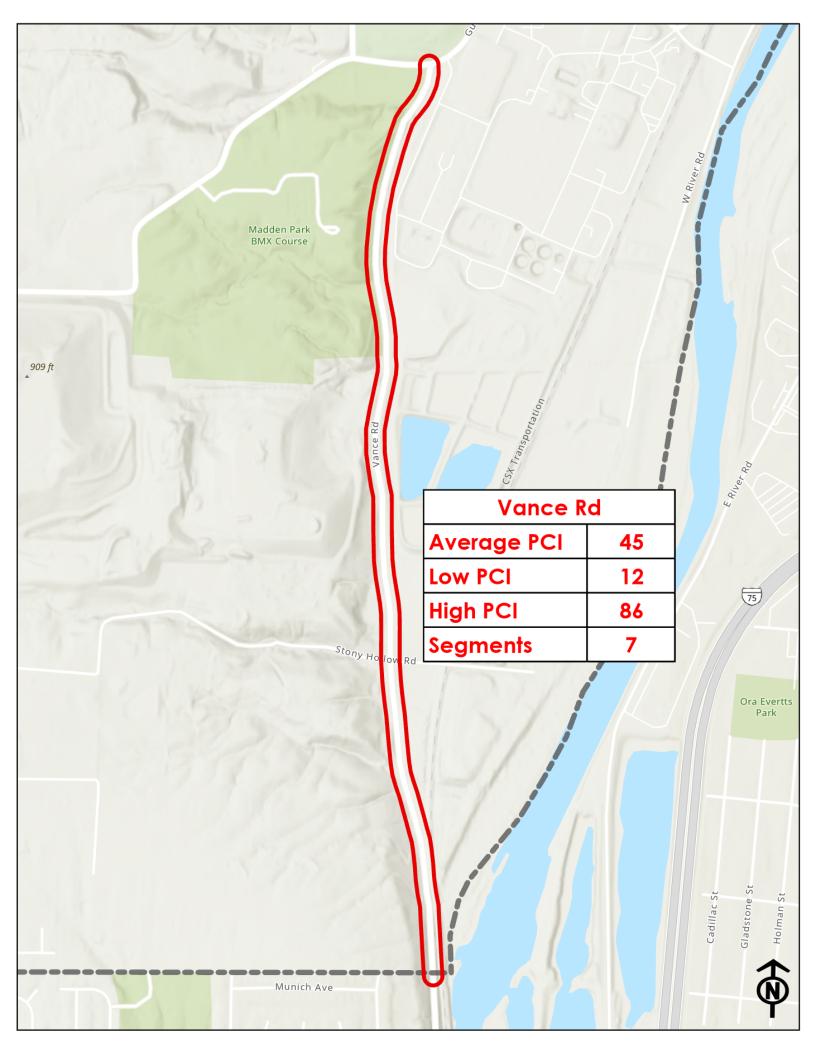














Designation: D 6433 – 07

Standard Practice for Roads and Parking Lots Pavement Condition Index Surveys¹

This standard is issued under the fixed designation D 6433; the number immediately following the designation indicates the year of original adoption or, in the case of revision, the year of last revision. A number in parentheses indicates the year of last reapproval. A superscript epsilon (e) indicates an editorial change since the last revision or reapproval.

1. Scope

1.1 This practice covers the determination of roads and parking lots pavement condition through visual surveys using the Pavement Condition Index (PCI) method of quantifying pavement condition.

1.2 The PCI for roads and parking lots was developed by the U.S. Army Corps of Engineers (1, 2).² It is further verified and adopted by DOD and APWA.

1.3 The values stated in inch-pound units are to be regarded as the standard. The SI units given in parentheses are for information only.

1.4 This standard does not purport to address all of the safety concerns, if any, associated with its use. It is the responsibility of the user of this standard to establish appropriate safety and health practices and determine the applicability of regulatory limitations prior to use. Specific precautionary statements are given in Section 6.

2. Terminology

2.1 Definitions of Terms Specific to This Standard:

2.1.1 additional sample—a sample unit inspected in addition to the random sample units to include nonrepresentative sample units in the determination of the pavement condition. This includes very poor or excellent samples that are not typical of the section and sample units, which contain an unusual distress such as a utility cut. If a sample unit containing an unusual distress is chosen at random it should be counted as an additional sample unit and another random sample unit should be chosen. If every sample unit is surveyed, then there are no additional sample units.

2.1.2 asphalt concrete (AC) surface—aggregate mixture with an asphalt cement binder. This term also refers to surfaces constructed of coal tars and natural tars for purposes of this practice.

2.1.3 *pavement branch*—a branch is an identifiable part of the pavement network that is a single entity and has a distinct function. For example, each roadway or parking area is a separate branch.

2.1.4 pavement condition index (PCI)—a numerical rating of the pavement condition that ranges from 0 to 100 with 0 being the worst possible condition and 100 being the best possible condition.

2.1.5 pavement condition rating—a verbal description of pavement condition as a function of the PCI value that varies from "failed" to "excellent" as shown in Fig. 1.

2.1.6 pavement distress—external indicators of pavement deterioration caused by loading, environmental factors, construction deficiencies, or a combination thereof. Typical distresses are cracks, rutting, and weathering of the pavement surface. Distress types and severity levels detailed in Appendix X1 for AC, and Appendix X2 for PCC pavements must be used to obtain an accurate PCI value.

2.1.7 pavement sample unit—a subdivision of a pavement section that has a standard size range: 20 contiguous slabs (± 8 slabs if the total number of slabs in the section is not evenly divided by 20 or to accommodate specific field condition) for PCC pavement, and 2500 contiguous square feet, ± 1000 ft² (225 \pm 90 m²), if the pavement is not evenly divided by 2500 or to accommodate specific field condition, for AC pavement.

2.1.8 pavement section—a contiguous pavement area having uniform construction, maintenance, usage history, and condition. A section should have the same traffic volume and load intensity.

2.1.10 random sample—a sample unit of the pavement section selected for inspection by random sampling techniques, such as a random number table or systematic random procedure.

3. Summary of Practice

3.1 The pavement is divided into branches that are divided into sections. Each section is divided into sample units. The type and severity of pavement distress is assessed by visual

Copyright @ ASTM International, 100 Barr Harbor Drive, PO Box C700, West Conshohocken, PA 19428-2959, United States.

¹ This practice is under the jurisdiction of ASTM Committee E17 on Vehicle -Pavement Systems and is the direct responsibility of Subcommittee E17.41 on Pavement Testing, Evaluation, and Management Methods.

Current edition approved Dec. 1, 2007. Published January 2008. Originally approved in 1999. Last previous edition approved in 2003 as D 6433 - 03.

² The boldface numbers in parentheses refer to the list of references at the end of this standard.

🚛 D 6433 – 07

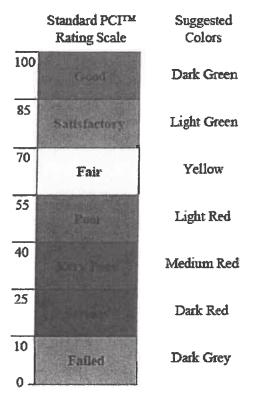


FIG. 1 Pavement Condition Index (PCI), Rating Scale, and Suggested Colors

inspection of the pavement sample units. The quantity of the distress is measured as described in Appendix X1 and Appendix X2. The distress data are used to calculate the PCI for each sample unit. The PCI of the pavement section is determined based on the PCI of the inspected sample units within the section.

4. Significance and Use

4.1 The PCI is a numerical indicator that rates the surface condition of the pavement. The PCI provides a measure of the present condition of the pavement based on the distress observed on the surface of the pavement, which also indicates the structural integrity and surface operational condition (localized roughness and safety). The PCI cannot measure structural capacity nor does it provide direct measurement of skid resistance or roughness. It provides an objective and rational basis for determining maintenance and repair needs and priorities. Continuous monitoring of the PCI is used to establish the rate of pavement deterioration, which permits early identification of major rehabilitation needs. The PCI provides feedback on pavement performance for validation or improvement of current pavement design and maintenance procedures.

5. Apparatus

5.1 Data Sheets, or other field recording instruments that record at a minimum the following information: date, location, branch, section, sample unit size, slab number and size, distress types, severity levels, quantities, and names of surveyors. Example data sheets for AC and PCC pavements are shown in Figs. 2 and 3.

5.2 Hand Odometer Wheel, that reads to the nearest 0.1 ft (30 mm).

5.3 Straightedge or String Line, (AC only), 10 ft (3 m).

5.4 Scale, 12 in. (300 mm) that reads to 1/8 in. (3 mm) or better. Additional 12-in. (300 mm) ruler or straightedge is needed to measure faulting in PCC pavements.

5.5 Layout Plan, for network to be inspected.

6. Hazards

6.1 Traffic is a hazard as inspectors may walk on the pavement to perform the condition survey.

7. Sampling and Sample Units

7.1 Identify branches of the pavement with different uses such as roadways and parking on the network layout plan.

7.2 Divide each branch into sections based on the pavements design, construction history, traffic, and condition.

7.3 Divide the pavement sections into sample units. If the pavement slabs in PCC have joint spacing greater than 25 ft (8 m) subdivide each slab into imaginary slabs. The imaginary slabs all should be less than or equal to 25 ft (8 m) in length, and the imaginary joints dividing the slabs are assumed to be in perfect condition. This is needed because the deduct values developed for jointed concrete slabs are less than or equal to 25 ft (8 m).

7.4 Individual sample units to be inspected should be marked or identified in a manner to allow inspectors and quality control personnel to easily locate them on the pavement surface. Paint marks along the edge and sketches with locations connected to physical pavement features are acceptable. It is necessary to be able to accurately relocate the sample units to allow verification of current distress data, to examine changes in condition with time of a particular sample unit, and to enable future inspections of the same sample unit if desired.

7.5 Select the sample units to be inspected. The number of sample units to be inspected may vary from the following: all of the sample units in the section, a number of sample units that provides a 95 % confidence level, or a lesser number.

7.5.1 All sample units in the section may be inspected to determine the average PCI of the section. This is usually precluded for routine management purposes by available manpower, funds, and time. Total sampling, however, is desirable for project analysis to help estimate maintenance and repair quantities.

7.5.2 The minimum number of sample units (n) that must be surveyed within a given section to obtain a statistically adequate estimate (95% confidence) of the PCI of the section