65 East State Street, Suite 312, Columbus, Ohio 43215 Phone (614) 466-0880 15

OHIO PUBLIC WORKS FOR YOU

APPLICATION FOR FINANCIAL ASSISTANCE

Revised 7/93

CB 15B

IMPORTANT: Applicant should consult the "Instructions for Completion of Project Application" for assistance in the proper completion of this form.

SUBDIVISION: CITY OF SHARONVILLE CODE # 061- 71892

DISTRICT NUMBER: 2 COUNTY: HAMILTON DATE 09 / 18 / 97

CONTACT: Mark A. Kluesener, P.E. PHONE # (513) 791-1700

(THE PROJECT CONTACT PERSON SHOULD BE THE INDIVIDUAL WHO WILL BE AVAILABLE ON A DAY-TO-DAY BASIS DURING THE APPLICATION REVIEW AND SELECTION PROCESS AND WHO CAN BEST ANSWER OR COORDINATE THE RESPONSE TO QUESTIONS.)

PROJECT NAME: KEMPER ROAD IMPROVEMENTS

SUBDIVISION TYPE (Check Only 1)	FUNDING TYPE REQUESTED (Check All Requested & Enter Amount)	PROJECT TYPE (Check Largest Component)
____ 1. County	x 1. Grant $ 693,000.00	x 1. Road
x 2. City	____ 2. Loan $ ____	____ 2. Bridge/Culvert
____ 3. Township	____ 3. Loan Assistance $ ____	____ 3. Water Supply
____ 4. Village	MBE SET-ASIDE OFFERED	____ 4. Wastewater
____ 5. Water/Sanitary District (Section 6119 O.R.C.)	Construction $ ____	____ 5. Solid Waste
	Procurement $ ____	____ 6. Stormwater

TOTAL PROJECT COST: $ 990,000.00 FUNDING REQUESTED: $ 693,000.00

DISTRICT RECOMMENDATION

To be completed by the District Committee ONLY

GRANT: $ ____ LOAN ASSISTANCE: $ ____

LOAN: $ ____ % ____ TERM: ____ Yrs. (Attach Loan Supplement)

(Check Only 1)

____ State Capital Improvement Program

____ Local Transportation Improvements Program

____ Small Government Program

DISTRICT MBE SET-ASIDE:

Construction $ ____

Procurement $ ____

FOR OPWC USE ONLY

PROJECT NUMBER: C____ / C____ APPROVED FUNDING: $ ____

Local Participation ____ % Loan Interest Rate: ____ %

OPWC Participation ____ % Loan Term: ____ Years

1.0 PROJECT FINANCIAL INFORMATION

1.1 PROJECT ESTIMATED COSTS:

(ROUND TO NEAREST DOLLAR)

			MBE $	FORCE ACCOUNT $
a)	Project Engineering Costs:			
	1. Preliminary Engineering	$ .00		
	2. Final Design	$ .00		
	3. Other Engineer's Services *	$ .00		
	Supervision $ .00			
	Miscellaneous $ .00			
b)	Acquisition Expenses:			
	1. Land	$ .00		
	2. Right-of-Way	$ .00		
c)	Construction Costs:	$ 900,587.00		
d)	Equipment Purchased Directly:	$ .00		
e)	Other Direct Expenses:	$ .00		
f)	Contingencies:	$ 89,413.00		
g)	**TOTAL ESTIMATED COSTS:**	$ 990,000.00		

1.2 PROJECT FINANCIAL RESOURCES:

(ROUND TO NEAREST DOLLAR AND PERCENT)

				%
a)	Local In-Kind Contributions	$ .00		
b)	Local Public Revenues	$ 105,600.00		11
c)	Local Private Revenues	$ .00		
d)	Other Public Revenues			
	1. ODOT PID #	$ .00		
	2. EPA / OWDA	$ .00		
	3. OTHER (1996/97 MRF)	$ 191,400.00		19
	SUB-TOTAL LOCAL RESOURCES:		$ 297,000.00	30
e)	OPWC Funds			
	1. Grant	$ 693,000.00		70
	2. Loan	$ .00		
	3. Loan Assistance	$ .00		
	SUB-TOTAL OPWC RESOURCES:		$ 693,000.00	70
f)	**TOTAL FINANCIAL RESOURCES:**		$ 990,000.00	100 %

* Other Engineer's Services must be outlined in detail on the required certified engineer's estimate.

1.3 AVAILABILITY OF LOCAL FUNDS:

Attach a summary from the **Chief Financial Officer** listed in Section 5.2, listing **all local share funds** budgeted for the project and the date they are anticipated to be available.

2.0 PROJECT INFORMATION

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

2.1 PROJECT NAME: KEMPER ROAD IMPROVEMENTS

2.2 BRIEF PROJECT DESCRIPTION - (Sections a through d):

a. **SPECIFIC LOCATION:**

Kemper Road from Reed Hartman Highway connector to Conrey Road in Hamilton County, Ohio.

PROJECT ZIP CODE: 45242

b. **PROJECT COMPONENTS:**

Repair and widen 2,750 LF of Kemper Road. Improvements include pavement planing, full depth asphalt pavement repair, asphalt leveling and surface courses over existing roadway, 13" full depth widening from two lanes to four lanes, curbing on entire roadway, installation of a roadway drainage system, guardrail replacement, utility relocations as required, pavement markings and installation of traffic signals at Grooms Road and the Reed Hartman connector.

c. **PHYSICAL DIMENSIONS / CHARACTERISTICS:**

Beginning at the projects west end, matching existing roadway width at Reed Hartman connector (46'), then transition to a 49' back of curb to back of curb pavement section. The existing I-275 overpass will be utilized full-width (54'). At the east end, the section will widen to 58' to match the improvements currently under construction by Hamilton County. Total project length is 2,750'.

d. **DESIGN SERVICE CAPACITY:**

IMPORTANT: Detail shall be included regarding current service capacity vs. proposed service level. If road or bridge project, include ADT. If water or wastewater project, include both current residential rates based on monthly usage of 7,756 gallons per household. Attach current rate ordinance.

The ADT on Kemper Road between Grooms Road and the Reed Hartman Highway connector is 15,212.

2.3 USEFUL LIFE / COST ESTIMATE: Project Useful Life; 20 Years

Attach **Registered Professional Engineer's** statement, with original seal and signature, certifying the project's useful life indicated above and estimated cost.

3.0 REPAIR/REPLACEMENT or NEW/EXPANSION:

TOTAL PORTION OF PROJECT REPAIR/REPLACEMENT	$ 693,000.00	70 %
State Funds Requested for Repair and Replacement	$ 544,500.00	79 %
TOTAL PORTION OF PROJECT NEW/EXPANSION	$ 297,000.00	30 %
State Funds Requested for New and Expansion	$ 148,500.00	21 %

4.0 PROJECT SCHEDULE:*

		BEGIN DATE	END DATE
4.1	**Engineering/Design:**	**Completed**	**N/A**
4.2	**Bid Advertisement:**	11 / 16 /98	12 / 15 / 98
4.3	**Construction:**	01 /11 / 99	12 / 31 /99

* Failure to meet project schedule may result in termination of agreement for approved projects. Modification of dates must be approved in writing by the Commission once the Project Agreement has been executed. Dates should assume project agreement approval/release on July 1st. of the Program Year applied for.

5.0 APPLICANT INFORMATION:

5.1	CHIEF EXECUTIVE OFFICER	Honorable Virgil G. Lovitt, II
	TITLE	Mayor
	STREET	10900 Reading Road
	CITY/ZIP	Sharonville, OH 45241
	PHONE	(513) 563 - 1144
	FAX	(513) 563 - 0617
5.2	CHIEF FINANCIAL OFFICER	James D. Greensfelder
	TITLE	Auditor
	STREET	10900 Reading Road
	CITY/ZIP	Sharonville, OH 45241
	PHONE	(513) 563 - 1144
	FAX	(513) 563 - 0617
5.3	PROJECT MANAGER	Steve Mary, P.E.
	TITLE	Construction Engineer
	STREET	138 E. Court Street, Room 700
	CITY/ZIP	Cincinnati, OH 45202
	PHONE	(513) 946 - 4272
	FAX	(513) 946 - 4288

6.0 ATTACHMENTS / COMPLETENESS REVIEW:

Check each section below, confirming that all required information is included in this application.

X___ A certified copy of the legislation by the governing body of the applicant authorizing a designated official to submit this application and execute contracts. (Attach)

X___ A summary from the applicant's Chief Financial Officer listing all local share funds budgeted for the project and the date they are anticipated to be available. (Attach)

X___ A registered professional engineer's estimate of projects useful life and cost estimate, as required in 164-1-14 and 164-1-16 of the Ohio Administrative Code. Estimates shall contain engineer's original seal and signature. (Attach)

X___ A copy of the cooperation agreement(s) if this project involves more than one subdivision or district. (Attach)

X___ Capital Improvements Report (Required by 164 O.R.C. on standard form)

x___ A. Attached.

____ B. Report/Update Filed with the Commission within the last twelve months.

N/A Floodplain Management Permit: Required if project is in 100-year floodplain. See Instructions.

X___ 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), and other information to assist your district committee in ranking your project.

7.0 APPLICANT CERTIFICATION:

The undersigned certifies that: (1) he/she is legally authorized to request and accept financial assistance from the Ohio Public Works Commission; (2) that to the best of his/her knowledge and belief, all representations that are part of this application are true and correct; (3) that 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 minority business utilization, Buy Ohio, and prevailing wages.

IMPORTANT: Applicant certifies that physical construction on the project as defined in the application has NOT begun, and will not begin until a Project Agreement and a Notice to Proceed 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 of the project.

Al Ledbetter, Safety-Service Director

Certifying Representative (Type or Print Name and Title)

Al Ledbetter 8/25/97

Signature / Date Signed

CDS Associates, Inc.

'98 MRF

Date:9-23-97

Project: KEMPER ROAD IMPROVEMENTS
PRELIMINARY OPINION OF CONSTR. COSTS
CITY OF SHARONVILLE, OHIO - HAMILTON COUNTY

Project #: 97002-26

Item No.	Spec. No.	ITEM	Ham. Co. Estimate	Sharonville Estimate	Estimated Quantity	Unit of Measure	Unit Cost Total	Ham. Co. Cost	Sharonville Cost	Item Cost
1	201	Clearing and Grubbing	0.50	0.50	1.00	LS	20,000	$10,000.00	$10,000.00	$20,000.00
2	202	Pavement Removed	0.00	309.00	309.00	SY	10.00	$0.00	$3,090.00	$3,090.00
3	202	Wearing Course Removed	799.00	2,985.00	3,784.00	SY	2.00	$1,598.00	$5,970.00	$7,568.00
4	202	Curb Removed	0.00	20.00	20.00	LF	5.00	$0.00	$100.00	$100.00
5	202	Curb and Gutter Removed	0.00	164.00	164.00	LF	5.00	$0.00	$820.00	$820.00
6	202	Pipe Removed, 24" and Under	0.00	304.00	304.00	LF	10.00	$0.00	$3,040.00	$3,040.00
7	202	Guardrail Removed	1,070.00	713.00	1,783.00	LF	5.00	$5,350.00	$3,565.00	$8,915.00
8	202	Structure Removed	0.00	2.00	2.00	EA	200.00	$0.00	$400.00	$400.00
9	202	Sign Removed	1.00	1.00	2.00	EA	2,500	$2,500.00	$2,500.00	$5,000.00
10	203	Excavation, not Including Embankment Construction	580.00	1,242.00	1,822.00	CY	12.00	$6,960.00	$14,904.00	$21,864.00
11	203	Embankment Construction	627.00	1,397.00	2,024.00	CY	20.00	$12,540.00	$27,940.00	$40,480.00
12	203	Linear Grading	0.00	75.00	75.00	LF	20.00	$0.00	$1,500.00	$1,500.00
13	203	Subgrade Compaction	2,521.00	3,696.00	6,217.00	SY	1.00	$2,521.00	$3,696.00	$6,217.00
14	301	Bituminous Aggregate Base	715.00	1,013.00	1,728.00	CY	60.00	$42,900.00	$60,780.00	$103,680.00
15	304	Aggregate Base	0.00	11.00	11.00	CY	44.00	$0.00	$484.00	$484.00
16	402	Asphalt Concrete, AC-20	172.00	339.00	511.00	CY	65.00	$11,180.00	$22,035.00	$33,215.00
17	404	Asphalt Concrete, AC-20	170.00	406.00	576.00	CY	65.00	$11,050.00	$26,390.00	$37,440.00
18	407	Tack Coat	150.00	471.00	621.00	GAL	1.00	$150.00	$471.00	$621.00

CDS Associates, Inc.

'98 MRF

Date:9-23-97

Project: KEMPER ROAD IMPROVEMENTS
PRELIMINARY OPINION OF CONSTR. COSTS
CITY OF SHARONVILLE, OHIO - HAMILTON COUNTY

Project #: 97002-26

Item No.	Spec. No.	ITEM	Ham. Co. Estimate	Sharonville Estimate	Estimated Quantity	Unit of Measure	Unit Cost Total	Ham. Co. Cost	Sharonville Cost	Item Cost
19	452	7" Plain Concrete Pavement	0.00	69.00	69.00	SY	35.00	$0.00	$2,415.00	$2,415.00
20	452	8" Plain Concrete Pavement	0.00	152.00	152.00	SY	40.00	$0.00	$6,080.00	$6,080.00
21	602	Concrete Masonry	0.56	0.68	1.24	CY	1,000	$560.00	$680.00	$1,240.00
22	603	12" Conduit, Type "B", 706.02	199.00	351.00	550.00	LF	50.00	$9,950.00	$17,550.00	$27,500.00
23	603	12" Conduit, Type "C", 706.02	398.00	0.00	398.00	LF	50.00	$19,900.00	$0.00	$19,900.00
24	603	12" Conduit, Type "D", 706.01 or 706.02	0.00	32.00	32.00	LF	50.00	$0.00	$1,600.00	$1,600.00
25	603	15" Conduit, Type "B", 706.02	28.00	28.00	56.00	LF	55.00	$1,540.00	$1,540.00	$3,080.00
26	603	15" Conduit, Type "C", 706.02	0.00	316.00	316.00	LF	55.00	$0.00	$17,380.00	$17,380.00
27	603	18" Conduit, Type "C", 706.02	0.00	159.00	159.00	LF	65.00	$0.00	$10,335.00	$10,335.00
28	603	24" Conduit, Type "C", 706.02	0.00	20.00	20.00	LF	70.00	$0.00	$1,400.00	$1,400.00
29	603	24" Conduit, Type "D", 706.01 or 706.02	0.00	32.00	32.00	LF	70.00	$0.00	$2,240.00	$2,240.00
30	603	30" Conduit, Type "B", 706.02	66.00	64.00	130.00	LF	80.00	$5,280.00	$5,120.00	$10,400.00
31	604	Catch Basin No. 2-2-A	0.00	1.00	1.00	EA	1,000	$0.00	$1,000.00	$1,000.00
32	604	Catch Basin No. 3	4.00	9.00	13.00	EA	1,800	$7,200.00	$16,200.00	$23,400.00
33	604	Catch Basin No. 3-A	2.00	4.00	6.00	EA	1,500	$3,000.00	$6,000.00	$9,000.00
34	604	Manhole No. 1	4.00	3.00	7.00	EA	2,100	$8,400.00	$6,300.00	$14,700.00
35	606	Guardrail, Type 4 Modified	862.50	712.50	1,575.00	LF	12.00	$10,350.00	$8,550.00	$18,900.00
36	606	Bridge Terminal Assembly, Type "F"	2.00	2.00	4.00	EA	2,500	$5,000.00	$5,000.00	$10,000.00
37	609	Concrete Curb, Type 3-A	0.00	70.00	70.00	LF	10.00	$0.00	$700.00	$700.00

CDS Associates, Inc.

'98 MRF

Date:9-23-97

Project: KEMPER ROAD IMPROVEMENTS
PRELIMINARY OPINION OF CONSTR. COSTS
CITY OF SHARONVILLE, OHIO - HAMILTON COUNTY

Project #: 97002-26

Item No.	Spec. No.	ITEM	Ham. Co. Estimate	Sharonville Estimate	Estimated Quantity	Unit of Measure	Unit Cost Total	Ham. Co. Cost	Sharonville Cost	Item Cost
38	609	Concrete Curb, Type 6	1,455.00	2,620.00	4,075.00	LF	12.50	$18,187.50	$32,750.00	$50,937.50
39	609	Concrete Curb, Type 7	42.00	43.00	85.00	LF	15.00	$630.00	$645.00	$1,275.00
40	609	Combination Curb and Gutter, Type 2	0.00	20.00	20.00	LF	10.00	$0.00	$200.00	$200.00
41	614	Maintaining Traffic	0.00	1.00	1.00	LS	30,000	$0.00	$30,000.00	$30,000.00
42	614	Temporary Edge Line	0.70	0.97	1.67	Mile	1,000	$700.00	$970.00	$1,670.00
43	614	Temporary Center Line	0.57	0.58	1.15	Mile	1,100	$627.00	$638.00	$1,265.00
44	614	Temporary Stop Line	57.00	22.00	79.00	LF	3.00	$171.00	$66.00	$237.00
45	614	Temporary Channelizing Line	0.00	247.00	247.00	LF	1.00	$0.00	$247.00	$247.00
46	614	Channelizing Line	0.00	247.00	247.00	LF	1.50	$0.00	$370.50	$370.50
47	614	Temporary Lane Arrow	0.00	6.00	6.00	EA	60.00	$0.00	$360.00	$360.00
48	614	Lane Arrow	0.00	6.00	6.00	EA	80.00	$0.00	$480.00	$480.00
49	619	Field Office, Type B	0.43	0.57	1.00	LS	20,000	$8,572.00	$11,428.00	$20,000.00
50	623	Construction Layout Stakes	0.50	0.50	1.00	LS	10,000	$5,000.00	$5,000.00	$10,000.00
51	632	Traffic Signal System, Complete	0.50	1.50	2.00	EA	50,000	$25,000.00	$75,000.00	$100,000.00
52	644	Edgeline	0.18	0.97	1.15	Mile	2,000	$360.00	$1,940.00	$2,300.00
53	644	Centerline	0.58	0.57	1.15	Mile	4,000	$2,320.00	$2,280.00	$4,600.00
54	644	Stop Line	57.00	22.00	79.00	LF	6.00	$342.00	$132.00	$474.00
55	653	Topsoil Furnished and Placed	171.00	432.00	603.00	CY	30.00	$5,130.00	$12,960.00	$18,090.00

CDS Associates, Inc.

'98 MRF

Date:9-23-97

Project: KEMPER ROAD IMPROVEMENTS
PRELIMINARY OPINION OF CONSTR. COSTS
CITY OF SHARONVILLE, OHIO - HAMILTON COUNTY

Project #: 97002-26

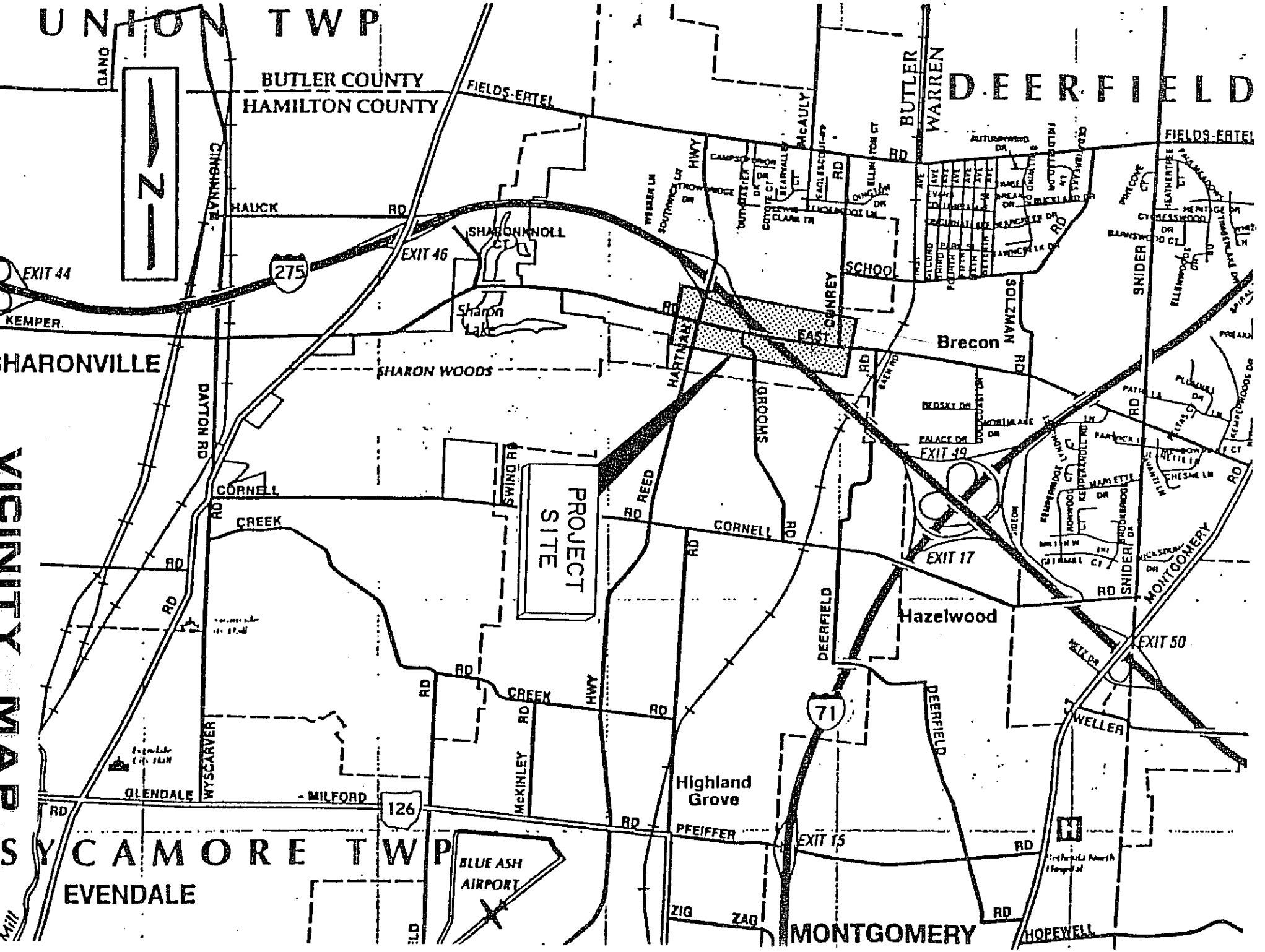
Item No.	Spec. No.	ITEM	Ham. Co. Estimate	Sharonville Estimate	Estimated Quantity	Unit of Measure	Unit Cost Total	Ham. Co. Cost	Sharonville Cost	Item Cost
56	659	Commercial Fertilizer (12-12-12)	0.19	0.47	0.66	TON	500.00	$95.00	$235.00	$330.00
57	660	Sodding	2,062.00	5,180.00	7,242.00	SY	3.50	$7,217.00	$18,130.00	$25,347.00
58	SPL	Temporary Erosion Control	0.50	0.50	1.00	LS	6,000	$3,000.00	$3,000.00	$6,000.00
60	638	12" Watermain Relocation	0.43	0.57	1.00	LS	150,700	$64,590.02	$86,109.98	$150,700.00
		SUB-TOTAL						$319,870.52	$580,716.48	$900,587.00
		CONTINGENCIES (10%±)						$32,129.48	$57,283.52	$89,413.00
		OPINION OF TOTAL CONSTRUCTION COST						$352,000.00	$638,000.00	$990,000.00

USEFUL LIFE: UPON THE COMPLETION OF DETAILED PLANS AND SATISFACTORY COMPLETION OF WORK, THE USEFUL LIFE FOR THIS PROJECT WILL BE 20 YEARS.

THE ABOVE OPINION OF CONSTRUCTION COST IS SUBJECT TO ADJUSTMENT UPON COMPLETION OF DETAILED PLANS AND RECEIPT OF BIDS BY QUALIFIED CONTRACTORS.

STATE OF OHIO
MARK A. KLUESENER
#48151
REGISTERED
PROFESSIONAL ENGINEER

Mark A. Kluesener 9-22-97
Mark A. Kluesener, P.E.
CITY ENGINEER, #48151


UNION TWP
BUTLER COUNTY
HAMILTON COUNTY
FIELDS-ERTEL
DEERFIELD
BUTLER
WARREN
N
HAUCK
RD
275
EXIT 44
EXIT 46
SHARONKNOLL CT
Sharon Lake
KEMPER
SHARONVILLE
SHARON WOODS
DAYTON RD
CORNELL
CREEK
RD
PROJECT SITE
SWING RD
REED
HARTMAN
HWY
GROOMS
CONREY
EAST
SCHOOL
McAULY
SOLZMAN
Brecon
SNIDER
EXIT 49
EXIT 17
Hazelwood
MONTGOMERY
EXIT 50
DEERFIELD
71
WELLER
Highland Grove
WYSCARVER
GLENDALE
MILFORD
126
McKINLEY
PFEIFFER
EXIT 15
SYCAMORE TWP
BLUE ASH AIRPORT
EVENDALE
ZIG
ZAG
MONTGOMERY
HOPEWELL
VICINITY MAP

RESOLUTION 97 - R - 28

AUTHORIZING SAFETY/SERVICE DIRECTOR TO SUBMIT A STATE CAPITAL IMPROVEMENT PROGRAM APPLICATION TO THE STATE DISTRICT PUBLIC WORKS INTEGRATING COMMITTEE, AND AUTHORIZING THE EXECUTION OF AN AGREEMENT WITH THE OHIO PUBLIC WORKS COMMISSION

WHEREAS, the City of Sharonville has identified several infrastructure projects which are in need of corrective repairs, and

WHEREAS, the City of Sharonville wishes to undertake such repairs via funds available as part of the S.C.I.P./L.T.I.P. Grant Program, and

WHEREAS, the Safety/Service Director is authorized to recommend such repairs and execute such contracts as are necessary for such repairs.

WHEREAS, the City of Sharonville wishes to submit a 1998 S.C.I.P./L.T.I.P. Grant Application to the Ohio Public Works Commission, and

WHEREAS, the Safety/Service Director is authorized to enter into contracts on behalf of the City of Sharonville.

NOW THEREFORE BE IT HEREBY RESOLVED BY THE COUNCIL OF THE CITY OF SHARONVILLE THAT:

SECTION I: The Safety/Service Director is authorized to submit an application to the District Public Works Integrating Committee.

SECTION II: The Safety/Service Director is authorized to execute a project agreement with the Ohio Public Works Commission for 1998.

J. John Steckler
President of Council

Passed: September 9, 1997

Attest: Martha Cross Funk
Clerk of Council

MART
TOL

Approved: September 9, 1997

MAYOR VIRGIL LOVITT, II

RESOLUTION 97 - R - 29

AUTHORIZING THE COOPERATION OF THE CITY OF SHARONVILLE WITH HAMILTON COUNTY FOR THE REPAIR AND IMPROVEMENT OF KEMPER ROAD THROUGH THE USE OF S.C.I.P./L.T.P.I. FUNDING

WHEREAS, Kemper road is a county road, portions of which lie wholly in the City of Sharonville and Hamilton County and which has a segment that lies in both the City of Sharonville and Hamilton County having the Sharonville corporation line as it's centerline; and

WHEREAS, Hamilton County is repairing and improving that portion of Kemper Road east of the City of Sharonville which is wholly in their jurisdiction; and

WHEREAS, the segment of the road shared by the two jurisdictions is also in great need of repair and improvement; and

WHEREAS, the construction costs for the Kemper Road repair and improvement project have been determined to be eligible for S.C.I.P./L.T.I.P.

WHEREAS, the Ohio Public Works Commission, which administers said funding has required that certain representations and agreements be made by the Sharonville City Council and the Hamilton County Board of Commissioners.

NOW THEREFORE BE IT HEREBY RESOLVED BY THE COUNCIL OF THE CITY OF SHARONVILLE THAT:

SECTION I: The City of Sharonville will participate jointly with Hamilton County in the repair and improvement of that part of Kemper Road between Conley Road and the Reed Hartman highway connector in order to complete the project as expeditiously and economically as possible, with no undue inconvenience to the residents or motoring public.

SECTION II: That the City of Sharonville recognizing that more than half the required repair and improvement work is within it's jurisdiction, agrees to function as the lead applicant on this project, submitting a joint application on behalf of both jurisdictions, and administering the S.C.I.P./L.T.I.P. funds during the course of the project.

SECTION III: The City of Sharonville recognizes that Hamilton County, by virtue of it's performing the design, bidding and construction management of the Kemper Road project that lies exclusively within the County, will also perform the design, bidding and construction management of the shared roadway project and the City of Sharonville will cooperate fully with Hamilton County to accomplish the project.

J. John Steckler
President of Council

Passed: September 9, 1997

Attest: Martha Cross Funk
Clerk of Council

Approved: September 9, 1997

MAYOR VIRGIL LOVITT, II

HOUS
LEW

EAST KEMPER ROAD IMPROVEMENTS
CITY OF SHARONVILLE
&
HAMILTON COUNTY
CONSTRUCTION FUNDING SUMMARY

	FUNDING SOURCE			
	OPWC	**MRF**	**LOCAL (County)**	**TOTALS (%)**
Sharonville	446,600	191,400*		638,000 (64.4%)
Hamilton County	246,400		105,600	352,000 (35.6%)
TOTALS	**693,000 (70%)**	**191,400 (19.3%)**	**105,600 (10.7%)**	**990,000 (100%)**

*1997 MRF 123,196
1998 MRF 68,204

J:\MKLU:FUNDING SUMMARY

PROJECT APPLICATION - MUNICIPAL ROAD FUND

INSTRUCTIONS: Use one form for each project.
Assign priority to projects.
The application cost estimate shall be prepared: By the Municipality's Engineer or a Registered Engineer of the Municipality's choosing.
Submit before August 1.

(1) Municipality City of Sharonville

(2) Road Name Kemper Road

(3) Project Limits 50' ± east of Reed Hartman Connector to 300' west of Conrey Road (2800' ±)

(4) Project Priority (1) 1998

(5) Present Roadway Data:

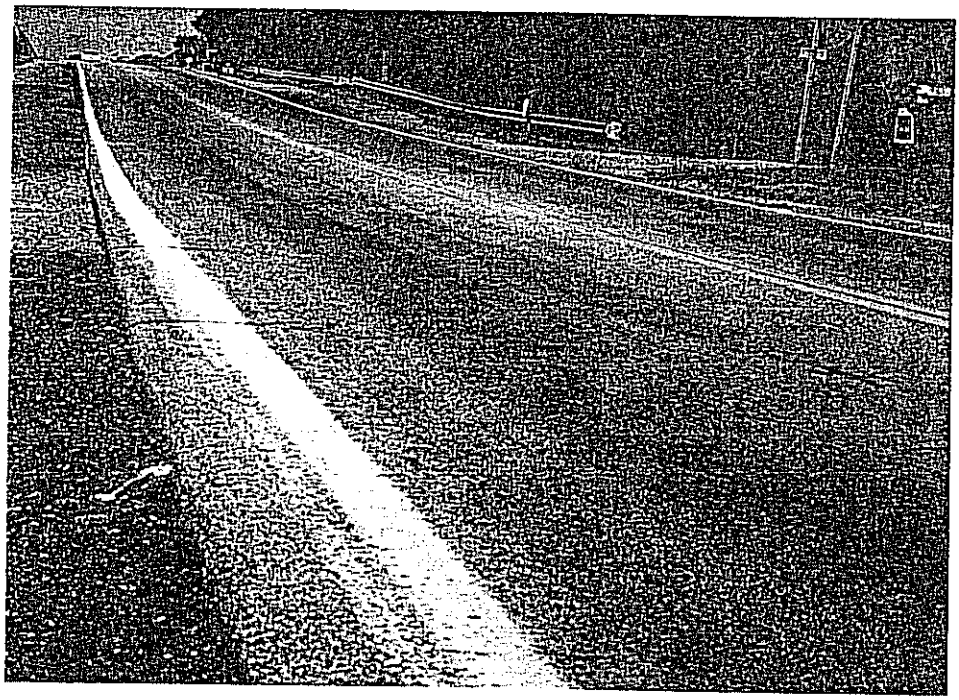
(a) Pav't. Width 24' (b) R/W Width varies 80' to 130' (c) Curb Type Concrete

(d) Type Surface Asphalt (e) Type Base Aggregate (f) Shldr. Type Aggr./Grass

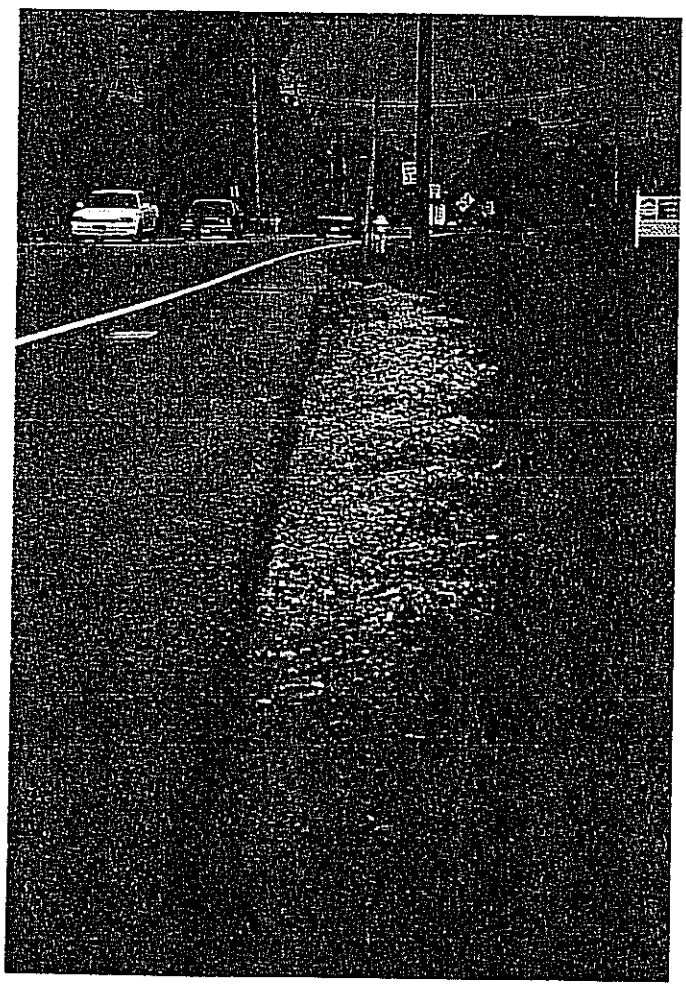
(g) Shldr. Width 4' (h) Year Last Resurfaced Unknown

(6) **Present condition of project area: List deficiencies and reasons for improvement.**
Pavement shows longitudinal cracking throughout the length of the project with lane shoulder drop-off. Existing surface is weathered and polished with 2" rutting in wheel paths creating possible traction problems during inclement weather. Existing sheet-flow provides inadequate pavement drainage. A single narrow lane in each direction does not provide adequate capacity for the increasing amount of traffic, resulting in extensive backups, particularly near Reed Hartman Highway.

(7) **Project description or statement of work to be done: Include width and type of new pavement and other project particulars.**
The proposed pavement will have a width of 48' by constructing full depth pavement abutting the existing pavement. The existing pavement will be cold planed and overlayed with an improved cross slope. Storm sewers and curbs will be installed to control drainage. Additional lanes will provide

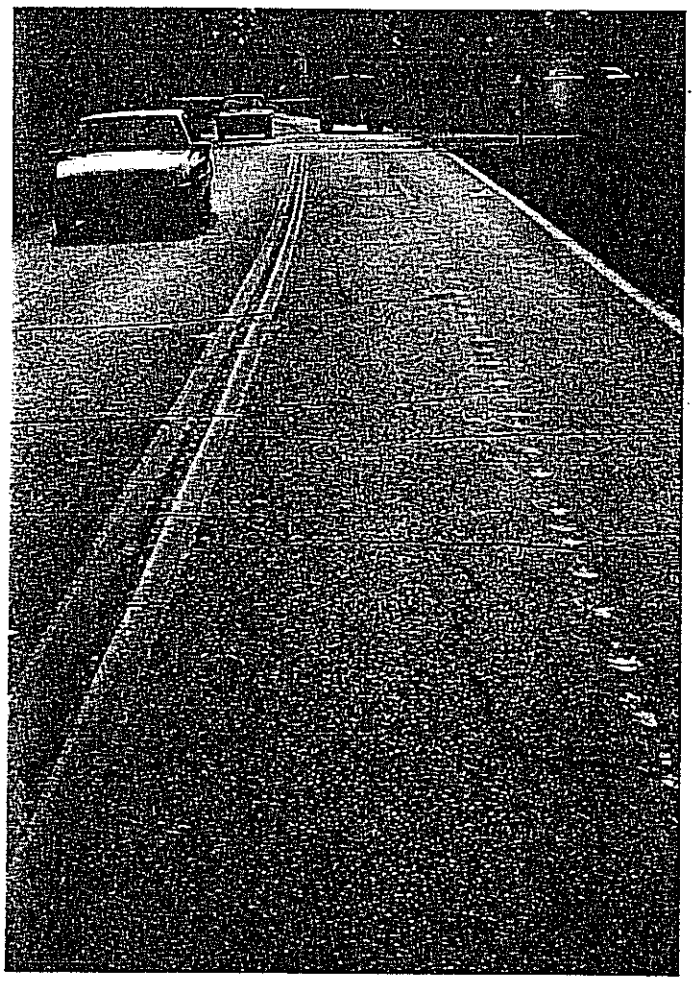


LOOKING WEST FROM EAST END OF PROJECT

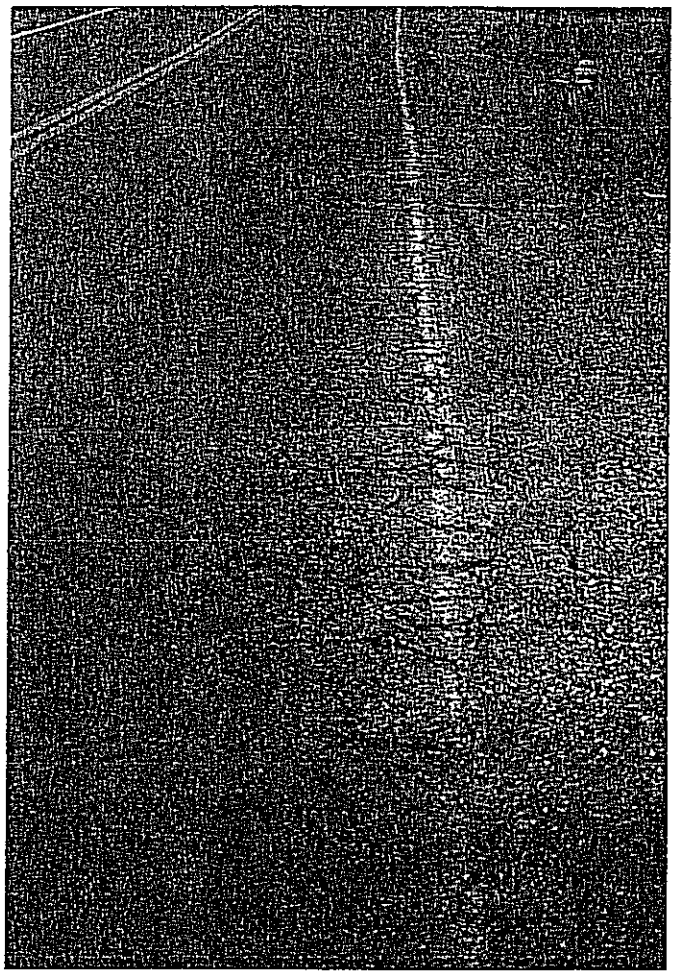


LOOKING WEST FROM OPPOSITE GROOMS ROAD

TRANSVERSE CRACKING AND BASE FAILURE (SETTLED AREA) IN WESTBOUND LANES OF KEMPER ROAD.

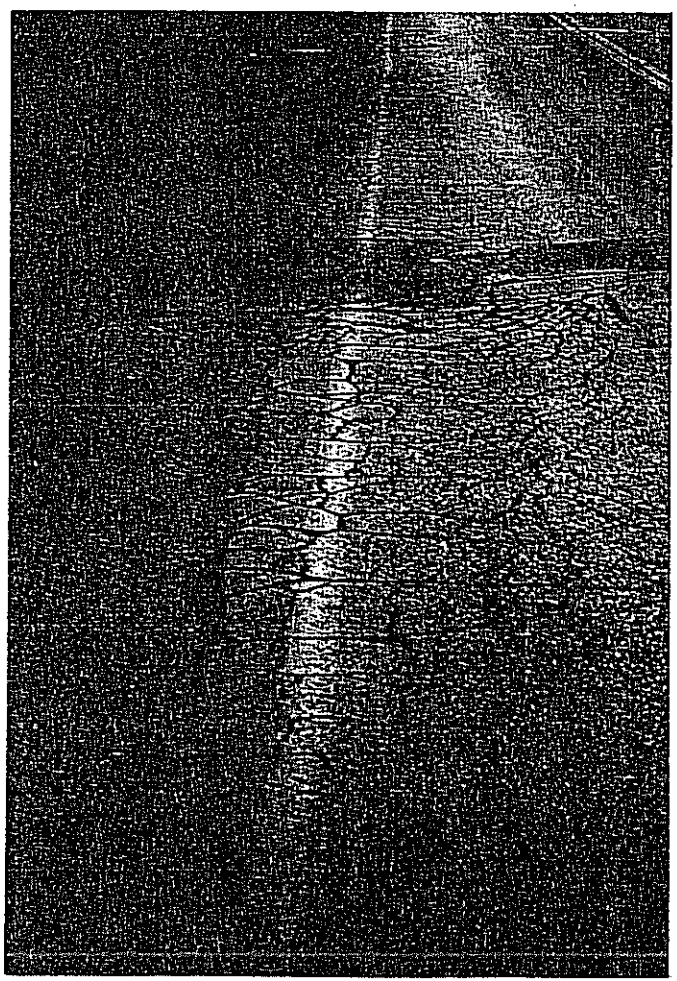


LONGITUDINAL AND TRANSVERSE CRACKING OF KEMPER ROAD (LOOKING EAST) AS IT APPROACHES THE CONREY ROAD INTERSECTION. NOTE: THE RUTTING OF THE WHEEL PATHS IN THE EASTBOUND LANES.



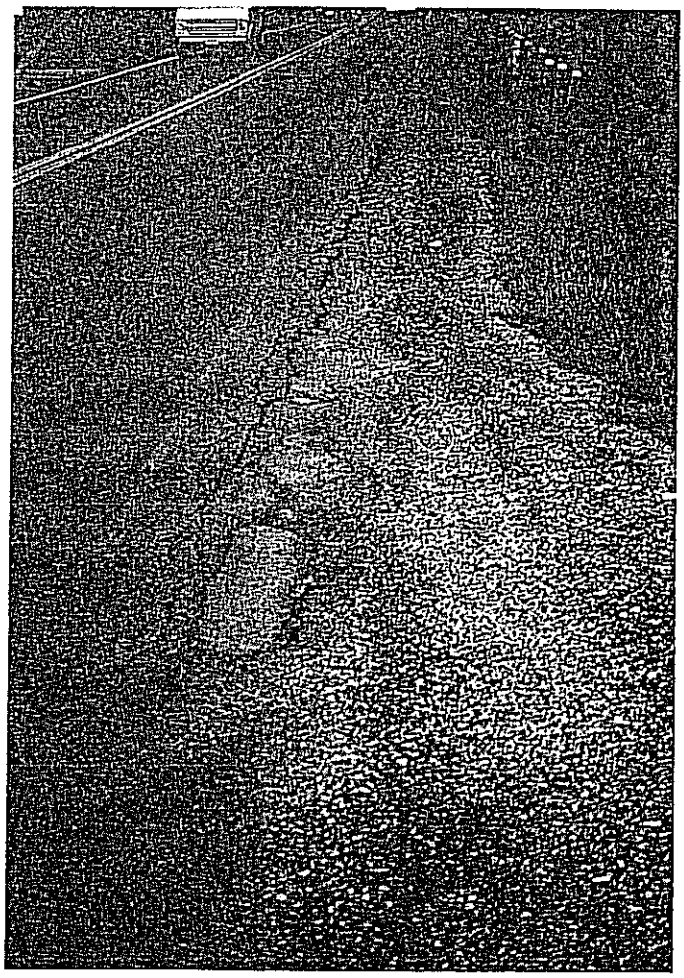
ALLIGATOR CRACKING / BASE FAULURE IN WESTBOUND LANES OF KEMPER ROAD. NOTE THE RUTTING OF THE WHEEL PATHS IN THE WESTBOUND LANES AND THE DETERIORATION OF SHOULDER.

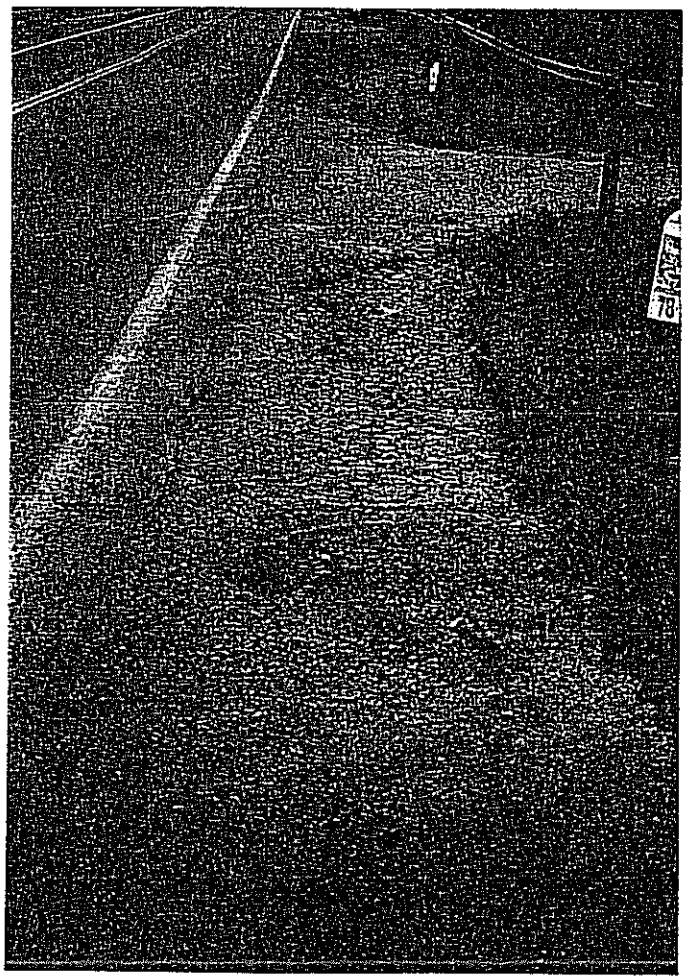
← *LOOKING WEST*



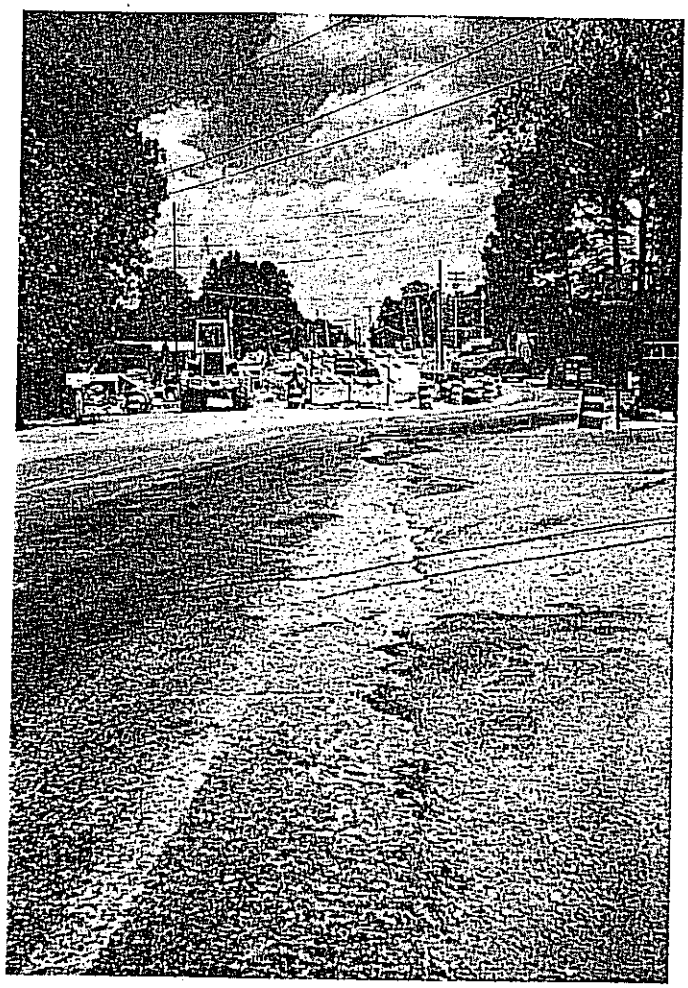
← *LOOKING EAST*

KEMPER ROAD IMPROVEMENTS

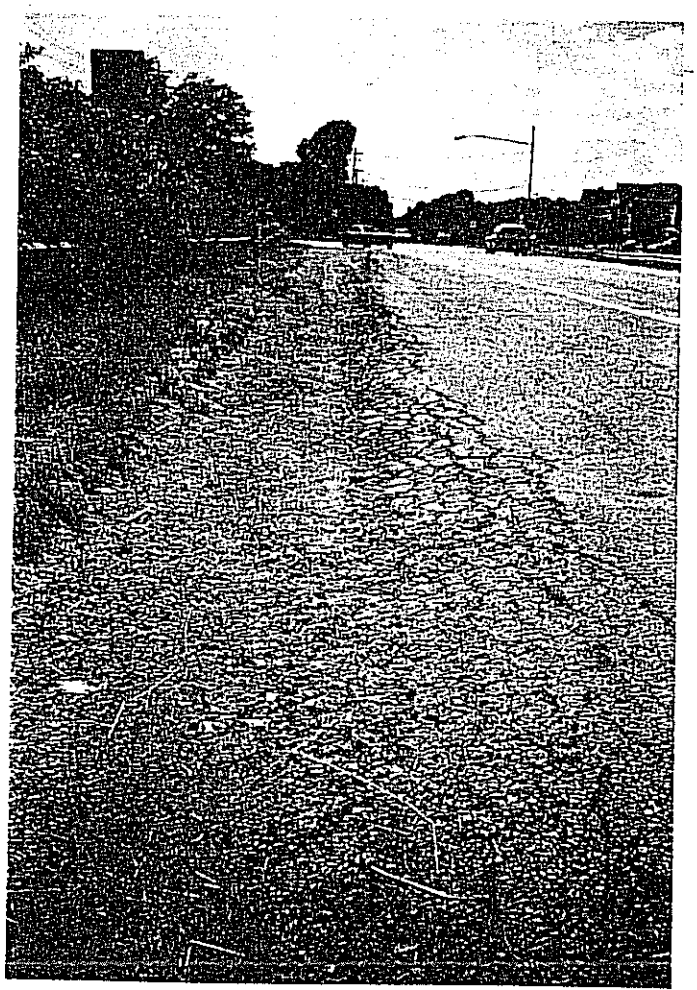




DETERIORATION OF EDGE OF PAVEMENT. RUTTING AND DETERIORATION OF SHOULDERS OF KEMPER ROAD.



CURRENT WIDENING CONSTRUCTION BY OTHERS, ENDING JUST WEST OF CONREY. NOTE PAVEMENT BUCKLING IN EASTBOUND LANE ALONG CENTER CHANNEL.



SIGNIFICANT SHOULDER DROP-OFF FAILURE IN EASTBOUND LANE.

ADDITIONAL SUPPORT INFORMATION

For Program Year 1998 (July 1, 1998 through June 30, 1999), jurisdictions shall provide the following support information to help determine which projects will be funded. Information on this form must be accurate, and where called for, based on sound engineering principles. Documentation to substantiate the individual items may be required by the Support Staff if information does not appear to be accurate.

1) What is the condition of the existing infrastructure to be replaced, repaired, or expanded? For bridges, submit a copy of the current State Form BR-86.

Closed _____ Poor _____

Fair ____X____ Good _____

Give a brief statement of the nature of the deficiency of the present facility such as: inadequate load capacity (bridge); surface type and width; number of lanes; structural condition; substandard design elements such as berm width, grades, curves, sight distances, drainage structures, or inadequate service capacity. If known, give the approximate age of the infrastructure to be replaced, repaired, or expanded.

Polished aggregate in the asphalt surface 2" deep rutting in wheel paths, and inadequate pavement drainage create traction problems. Poor drainage also contributes to deterioration of the pavement edge. The existing two-lane roadway is inadequate for current peak hour traffic volumes causing considerable back-ups during the AM and PM peak hours. The section of Kemper Road, east of Conrey Road is under construction this summer, which will leave a two-lane section of road between two four-lane sections, yielding a significant impediment to traffic flow.

2) If State Capital Improvement Program funds are awarded, how soon (in weeks or months) after receiving the Project Agreement from OPWC (tentatively set for July 1, 1998) would the project be under contract? The Support Staff will be reviewing status reports of previous projects to help judge the accuracy of a particular jurisdiction's anticipated project schedule.

____6____ weeks/months (Circle one)

Are preliminary plans or engineering completed? Yes No

Are detailed construction plans completed? Yes No

Are all right-of-way and easements acquired? * Yes No N/A

* Please answer the following if applicable:

No. of parcels needed for project: ___13___ of these, how many are Takes ___5___, Temporary ___7___, Permanent ___1___

On a separate sheet, explain the status of the ROW acquisition process of this project for any parcels not yet acquired.

Are all utility coordinations completed Yes No N/A

Give an estimate of time, in weeks or months, to complete any item above not yet completed.

Utility Coordination 6 weeks/months

3) How will the proposed project impact the general health, safety and welfare of the service area? (Typical examples may include the effects of the completed project on accident rates, emergency response time, fire protection, health hazards, user benefits, commerce and highway capacity.) Please be specific and provide documentation if necessary to substantiate the data.

This improvement would enable Kemper Road to meet increasing traffic demands generated by continued development along this corridor, and in the surrounding areas. Increased capacity on the roadway will improve emergency response time and general travel time along with decreasing the potential for accidents. Improved travel can also have a positive impact on residential and commercial development along this corridor.

4) What type of funds are to be utilized for the local share for this project?

Federal _____ ODOT _____ Local ___X___

MRF ____X____ OWDA _____ CDBG _____

Other _____

NOTE: If MRF funds are being used for the local share, the MRF application must have been filed by August 1, 1997, for this project with the Hamilton County Engineer's Office. (See attached MRF application)

The minimum amount of matching funds for grant projects (local share) must be at least 10% of the TOTAL CONSTRUCTION COST. What percentage of matching funds are being committed to this project?

~~30%~~ 47 %

5) Has any formal action by a federal, state, or local government agency resulted in a complete or partial ban of the use or expansion of use for the involved infrastructure? (Typical examples include weight limits, truck restrictions, and moratoriums or limitations on issuance of building permits.) A copy of the legislation must be submitted with the application. THE BAN MUST HAVE AN ENGINEERING JUSTIFICATION TO BE VALID.

Complete Ban _____ No Ban ____X____

Will the ban be removed after the project is completed?

Yes _____ No _____

6) What is the total number of existing users that will benefit as a result of the proposed project?

Daily Users = 15,212 vpd x 1.2 = 18,254

For roads and bridges, multiply current documented Average Daily Traffic by 1.20. For public transit, submit documentation substantiating the count. Where the facility currently has any restrictions or is partially closed, use documented traffic counts prior to the restriction. For storm sewers, sanitary sewers, water lines, and other related facilities, multiply the number of households in the service area by 4.

7) Has the jurisdiction developed a Five Year Capital Improvement Plan as required in O.R.C., Chapter 164?

Yes X No _____

8) Give a brief statement concerning the regional significance of the infrastructure to be replaced, repaired, or expanded.

Kemper Road is an east/west arterial serving northern Hamilton County. This portion of Kemper Road serves the Cities of Sharonville, Blue Ash and to a lesser extent Montgomery as well as portions of Sycamore Township. The road serves the residential and office development in these areas from Reed Hartman highway to Montgomery Road and provides a link to I-275 via Reed Hartman Highway.

9) For expansion projects, please provide the existing and proposed Level of Service (LOS) of the facility using the methodology outlined within AASHTO's "Geometric Design of Highways and Streets" and the 1985 Highway Capacity Manual.

Existing LOS _____ Proposed LOS _____

If the proposed LOS is not "C" or better, explain why LOS "C" cannot be achieved. (Attach separate sheets if necessary.)

See attached sheets.

EAST KEMPER ROAD IMPROVEMENTS
CITY OF SHARONVILLE, OHIO
HAMILTON COUNTY, OHIO

STATUS OF RIGHT-OF-WAY

A total of 13 easements / right-of-way takes are required as follows:

1 Permanent drainage easement in the Sharonville portion.

7 Temporary construction easements are required in the Sharonville portion.

5 Permanent right-of-way takes are required in the County portion. These are not new takes; rather, they represent the conversion of existing highway easements to dedicated right-of-way.

All right-of-way and easements will be acquired prior to project bidding in December 1998.

EAST KEMPER ROAD IMPROVEMENTS
CITY OF SHARONVILLE, OHIO
HAMILTON COUNTY, OHIO

LEVEL OF SERVICE SUMMARY

Level of Service calculations were performed for Grooms Road and Reed Hartman connector intersections with Kemper Road using existing (1993) and projected (2010) turning movement volumes taken from the "East Kemper Road Corridor, Preliminary Engineering Study, Sharonville West Focus Area", prepared for the City of Sharonville and Hamilton County by Pflum, Klausmeier and Gehrum Consultants.

The conditions analyzed were:

Case 1. Current Traffic and Existing Roadway Conditions.

Case 2. Current Traffic with Proposed Roadway Improvements.

Case 3. Projected Traffic with Proposed Roadway Improvements.

The results are summarized in the following table:

LEVEL OF SERVICE SUMMARY

INTERSECTION MOVEMENT	CASE #1		CASE #2		CASE #3	
	AM	PM	AM	PM	AM	PM
Kemper and Grooms						
Northbound - Left	F	F	C	C	C	*
- Right	F	F	C	C	C	*
Westbound - Thru / Left	B	A	A	A	*	*
Eastbound - Thru / Right	-	-	B	A	D	E
Intersection Overall	-	-	B	B	*	*
Kemper & Reed Hartman Connector						
Northbound	E	D	C	C	B	*
Westbound	*	*	A	A	B	*
Eastbound	*	*	B	B	C	*
Southbound	*	*	B	B	C	C
Intersection Overall	*	*	B	B	B	*

Notes: - = Value not calculated
* = Level of Service less than 'F'

As the table indicates, the existing poor Level of Service at each intersection improves to acceptable levels under current traffic volumes with the proposed improvements in place. Under future traffic conditions, the LOS deteriorates to an overall unacceptable condition for each intersection due primarily to left turn movements in the PM peak hour. However, during the AM peak, the future condition generally provides an improved LOS over the current situation. As recommended in the preliminary engineering study mentioned above, attainment of an overall LOS 'C' or better would require a five-lane roadway section at the intersections to provide exclusive left turn movements. The primary reasons these recommendations were not able to be followed were:

1. The proximity of Grooms Road to the four-lane Kemper Road bridge over I-275 leaves insufficient room for a five-lane section.

2. A five-lane section at the Reed Hartman Connector would require modifications to that ramp and would create a severe jog across the intersection due to the four-lane bridge over Reed Hartman immediately to the west.

3. A five-lane section at Grooms Road would require significantly more earthwork on the existing embankment.

A letter dated December 2, 1994 from Truman P. Young and Associates to the Hamilton County Engineers office is enclosed which details these constraints and references the decision to use a four-lane section.

THE CITY OF SHARONVILLE, OHIO
COMBINED BALANCE SHEET
ALL FUND TYPES AND ACCOUNT GROUPS
DECEMBER 31, 1996

	Governmental Fund Types				*Proprietary Fund Type*	*Fiduciary Fund Types*	*Account Groups*		
	General Fund	Special Revenue Funds	Debt Service Funds	Capital Projects Funds	Enterprise Funds	Trust and Agency Funds	General Fixed Assets	General Long-Term Obligations	Totals (Memorandum Only)
Assets and Other Debits:									
Assets:									
Cash and Cash Equivalents	$610,040	$154,334	$291,837	$1,764,114	$619,581	$2,983	$0	$0	$3,442,889
Investments at Cost	894,892	0	0	2,837,671	708,273	0	0	0	4,440,836
Receivables (net of allowance for doubtful accounts):	0								
Taxes	1,735,191	0	0	0	0	0	0	0	1,735,191
Accounts	157,376	4,016	0	0	23,464	0	0	0	184,856
Interest	26,769	137	393	0	2,040	0	0	0	29,339
Special Assessments	0	0	1,412,487	0	0	0	0	0	1,412,487
Due from Other Funds	2,132	0	0	0	0	0	0	0	2,132
Intergovernmental Receivables	78	31,977	0	0	0	0	0	0	32,055
Inventory of Supplies at Cost	7,420	32,801	0	0	0	0	0	0	40,221
Prepaid Items	44,036	5,149	0	0	7,255	0	0	0	56,440
Restricted Assets:									
Cash and Cash Equivalents	0	0	0	177,061	13,009	141,753	0	0	331,823
Funds on Deposit with Deferred Compensation Board	0	0	0	0	0	992,107	0	0	992,107
Fixed Assets (net of accumulated depreciation)	0	0	0	0	7,808,843	0	11,048,953	0	18,857,796
Other Debits:									
Amount Available in Debt Service Fund	0	0	0	0	0	0	0	290,098	290,098
Amount to be Provided for General Long-Term Obligations	0	0	0	0	0	0	0	2,911,013	2,911,013
Total Assets and Other Debits	$3,477,934	$228,414	$1,704,717	$4,778,846	$9,182,465	$1,136,843	$11,048,953	$3,201,111	$34,759,283

(Continued)

THE CITY OF SHARONVILLE, OHIO
COMBINED BALANCE SHEET
ALL FUND TYPES AND ACCOUNT GROUPS
DECEMBER 31, 1996

	Governmental Fund Types				*Proprietary Fund Type*	*Fiduciary Fund Types*	*Account Groups*		
	General Fund	Special Revenue Funds	Debt Service Funds	Capital Projects Funds	Enterprise Funds	Trust and Agency Funds	General Fixed Assets	General Long-Term Obligations	Totals (Memorandum Only)
Liabilities and Other Credits:									
Liabilities:									
Accounts Payable	$111,092	$4,309	$0	$331,525	$75,618	$0	$0	$0	$522,544
Accrued Wages and Benefits	310,484	25,977	0	0	12,732	0	0	0	349,193
Due to Other Funds	0	0	2,132	0	0	0	0	0	2,132
Intergovernmental Payables	22,775	0	0	0	17,130	402	0	0	40,307
Retainage Payable	0	0	0	177,061	0	0	0	0	177,061
Due to Others	0	0	0	0	0	141,351	0	0	141,351
Accrued Interest Payable	0	0	0	99,667	25,380	0	0	0	125,047
Customer Deposits	0	0	0	0	13,009	0	0	0	13,009
Deferred Revenue	122,856	0	1,412,487	0	76,245	0	0	0	1,611,588
General Obligation Notes Payable	0	0	0	7,929,300	0	0	0	0	7,929,300
Capital Leases Payable	0	0	0	0	0	0	0	706,981	706,981
Compensated Absences	0	0	0	0	49,716	0	0	1,538,215	1,587,931
General Obligation Bonds Payable	0	0	0	0	6,480,000	0	0	0	6,480,000
Special Assessment Bonds Payable	0	0	0	0	0	0	0	920,000	920,000
Police/Firemen's Pension Accrued Liability	0	0	0	0	0	0	0	35,915	35,915
Deferred Compensation Payable	0	0	0	0	0	992,107	0	0	992,107
Total Liabilities	567,207	30,286	1,414,619	8,537,553	6,749,830	1,133,860	0	3,201,111	21,634,466
Equity and Other Credits:									
Investment in General Fixed Assets	0	0	0	0	0	0	11,048,953	0	11,048,953
Retained Earnings:									
Unreserved	0	0	0	0	2,432,635	0	0	0	2,432,635
Fund Balances:									
Reserved for Encumbrances	237,568	45,385	0	3,264,171	0	0	0	0	3,547,124
Reserved for Supplies Inventory	7,420	32,801	0	0	0	0	0	0	40,221
Reserved for Prepaid Items	44,036	5,149	0	0	0	0	0	0	49,185
Reserved for Debt Service	0	0	290,098	0	0	0	0	0	290,098
Unreserved:									
Undesignated	2,621,703	114,793	0	(7,022,878)	0	2,983	0	0	(4,283,399)
Total Equity and Other Credits	2,910,727	198,128	290,098	(3,758,707)	2,432,635	2,983	11,048,953	0	13,124,817
Total Liabilities, Equity and Other Credits	$3,477,934	$228,414	$1,704,717	$4,778,846	$9,182,465	$1,136,843	$11,048,953	$3,201,111	$34,759,283

The notes to the general purpose financial statements are an integral part of this statement.

RESULTING EMPLOYMENT OPPORTUNITIES

A. **Temporary Employment:** It is anticipated that 10 to 15 temporary construction jobs will be created as a result of this project.

B. **Full-time Employment:** It is not anticipated that any new full-time employment will result from the proposed infrastructure activity.

TRAFFIC CERTIFICATION STATEMENT

This is to certify that to the best of my knowledge and belief, the attached documentation regarding 24-hour traffic volume has been obtained by an actual mechanical count performed by Pflum, Klausmeier and Gehrum Consultants for Hamilton County, Ohio and taken at the location and date noted on the traffic count printout.

Mark A. Klausmeier 9-22-97

SIGNATURE DATE

OPWC:TRAF-CNT

PFLUM, KLAUSMEIER & GENRUH
15 MINUTE, 2 CHANNEL VEHICLE COUNT

REFERENCE: 2 CORRECTION FACTOR: 1.00
LOCATION: ON KEMPER ROAD WEST OF GROOMS ROAD
WEATHER: CLEAR
OPERATOR: MARK CLIFF NIEHAUS

FILENAME: 137910KM
TUESDAY 6 / 15 / 93

HOUR BEGINS	EAST 0	15	30	45	HOUR TOTAL	WEST 0	15	30	45	HOUR TOTAL	COMBINED TOTAL
AM											
12	6	14	8	5	33	25	6	13	11	55	88
1	11	5	3	5	24	7	8	8	3	26	50
2	8	4	5	0	17	8	5	19	5	37	54
3	0	6	4	0	10	8	4	3	11	26	36
4	2	6	5	1	14	12	7	24	20	63	77
5	9	12	33	45	99	23	15	24	38	100	199
6	38	41	94	143	316	45	81	101	98	325	641
7	141	162	177	199	679	150	186	215	155	706	1385
8	96	133	107	51	387	186	154	129	134	603	990
9	78	60	70	46	254	103	96	112	142	453	707
10	51	71	68	61	251	111	120	119	127	477	728
11	57	48	57	93	255	150	188	187	192	717	972
PM											
12	133	143	127	132	535	150	105	129	126	510	1045
1	138	110	105	117	470	105	122	104	100	431	901
2	108	119	160	130	517	94	92	119	111	416	933
3	104	124	133	142	503	151	136	170	145	602	1105
4	123	106	112	144	485	168	174	210	159	711	1196
5	117	138	159	149	563	192	190	165	132	679	1242
6	113	97	80	84	374	127	123	101	88	439	813
7	81	81	55	50	267	94	83	83	84	344	611
8	62	67	60	38	227	82	62	103	76	323	550
9	67	47	46	21	181	58	69	60	62	249	430
10	19	12	23	9	63	73	48	47	60	228	291
11	18	0	4	12	34	54	49	10	21	134	168
TOTALS					6558					8654	15212

AM PEAK HOUR IS 7:00 TO 8:00

	EAST :	WEST :	COMBINED:
VOLUME	679	706	1385
DIRECTIONAL SPLIT	49%	51%	
PEAK HOUR FACTOR	0.85	0.82	0.88

PM PEAK HOUR IS 4:45 TO 5:45

	EAST :	WEST :	COMBINED:
VOLUME	558	706	1264
DIRECTIONAL SPLIT	44%	56%	
PEAK HOUR FACTOR	0.88	0.92	0.96

Truman P. Young & Associates
CIVIL & STRUCTURAL ENGINEERS

TRUMAN P. YOUNG, 1974
JAMES T. YOUNG, P.E.
MICHAEL A. SCHULTE, P.E.
DENNIS W. SCHEIDT, P.E.
ERIC R. FORBRIGER, P.E.

1216 E. McMillan St. • Cincinnati, Ohio • 45206
(513) 861-5655 Fax 861-5668

December 2, 1994
Re: E. Kemper Rd.
Sharonville
Job No. 9314

Mr. Tim Gilday
Hamilton County Engineers Office
Rm. 700 County Administration Bldg.
138 E. Court Street
Cincinnati, Oh. 45202

Dear Tim:

On November 10, 1994 our office received the Preliminary Engineering Study for the Sharonville - West Focus Area of the East Kemper Road improvement project. This report recommends westbound left turn lanes at Grooms Road and the ramp to Reed Hartman Highway. The recommended storage length for both roads is 514 feet.

There are problems with meeting these recommendations at both locations. At Grooms Road there is only approximately 200 feet between the intersection and the bridge over I-275. Since the bridge is only adequate for four lanes of traffic there would not be enough room for a left storage lane and an eastbound converging taper. In addition, any widening beyond four lanes would require extending the embankment work to the bottom of the existing embankment.

At Reed Hartman Highway, the existing ramp is built to accommodate a four lane section to the east. Widening beyond four lanes would require modifications to the existing ramp. The scope of services for this project states that the work should stop east of the ramp to Reed Hartman. Also, the bridge immediately to the west of the ramp is built as a four lane bridge. A five lane section east of the ramp would require a severe jog of traffic across the intersection.

We are currently in the final plan preparation phase of our design. The phase "A" and preliminary phase "B" design have been reviewed and approved. Any major modifications, such as adding a turn lane, at this time would result in considerable delays and expense.

Kemper Road
Job No. 9314
Page 2

December 2, 1994

After discussing this situation with you in a telephone conversation on December 1, 1994, it was decided that a four lane cross section would be used throughout the portion of the project that is west of I-275. If there is any change, or if you desire to discuss this further, please let me know as soon as possible.

Yours Truly,

Dennis Scheidt

Dennis Scheidt

cc: Mr. Rex Baysore,
City of Sharonville

Ohio Public Works Commission

Capital Improvement Report

Summary Form

Subdivision Name: City of Sharonville Code: 061-71892 Date 9/22/97

Infrastructure Component	Replacement Cost	Repair Cost	Total (Units)	Units/Physical Condition Excellent	Good	Fair	Poor	Critical	Unknown
Roads	552,317,900	14,978,860	Center Lane Miles 55.9	12.6	32.7	9	1.6	0	0
Bridges	31,127,960	5,789,595	Number of Bridges 17	10	4	1	1	1*	0
Culverts	655,816	195,158	Number of Culverts 7	2	1	2	2	0	0
Water Supply Systems	N/A	N/A	Number of Facilities						
Water Distribution	N/A	N/A	Linear feet (Thousands)						
Wastewater System	N/A	N/A	Number of Facilities						
Wastewater Collection	N/A	N/A	Linear feet (Thousands)						
Stormwater Collection	587,998,746	19,679,862	Linear feet (Thousands) 249.8	74.9	59.9	112	3	0	0
Solid Waste Disposal	N/A	N/A	Capacity (tons per day)						
Totals	$1,172,100,422	$40,643,475							

Subdivision Socio-Economic Characteristics

Current		1990 CENSUS		INFORMATION	
Population	13	Population	11,312	% Low to Moderate Income	30.2
Total Households	5,445	Total Households	5,071	% Poverty	5
% Unemployment	2.30	Median Household Income	$37,128	% Unemployment	2.30

Ohio Public Works Commission
Five Year Capital Improvement Plan/Maintenance of Effort

Subdivision Name: City of Sharonville Code: 061-71892 Date 9/18/97

Project Name / Description	Funding Code(s)	Status (A)ctive (C)omplete (P)ending	Total Cost	Two Year Effort		Five Year Plan				
				1996 Funded	1997	1998	1999	2000 Funded	2001	2002
Business District Lights	LGF	C	80,000	80,000						
Widen Reading at Crescentville	LGF	C	154,000	154,000						
Thornview Sanitary Sewer Replacement	LGF	C	52,000	52,000						
Rt. 42 / I-275 Interchange Improvements	State/LGF	A	67,000	36,000	31,000					
(Engineering)										
Sharon Road / Prince Lane Improvements	LGF	A	67,000	30,000	37,000					
(Engineering)										
Crescentville Road Widening	LGF	A	53,000		40,000	13,000				
(Engineering)										
Sharon Road and Rt. 42 Closed Loop	LGF	A	81,000	41,000	40,000					
Signal Systems (Engineering)										

FUNDING CODES
LGF - Local government Fund; may include 3 mil levy, Street Construction, Maintenance and Repair (SCMR) and permissive License Fee
MRF - Hamilton County Municipal Road Fund
CDBG - Hamilton County Community Development Block Grant

Ohio Public Works Commission
Five Year Capital Improvement Plan/Maintenance of Effort

Subdivision Name: City of Sharonville Code: 061-71892 Date 9/18/97

Project Name / Description	Funding Code(s)	Status (A)ctive (C)omplete (P)ending	Total Cost	Two Year Effort		Five Year Plan				
				1996 Funded	1997	1998	1999	2000 Funded	2001	2002
Traffic Signal Improvements	State/LGF	C/P	100,000	20,000	25,000	55,000				
Reed Hartman / I-275 Improvements (Engineering)	LGF	A	558,000	100,000	115,000	115,000	115,000	113,000		
ADA Wheelchair Ramps	FED/LGF	C/A/P	33,000	3,000	5,000	5,000	5,000	5,000	5,000	5,000
Annual Sidewalk Program	LGF	C/A/P	627,000	97,000	85,000	85,000	90,000	90,000	90,000	90,000
Annual Street Program	LGF	C/A/P	5,190,000	790,000	700,000	700,000	750,000	750,000	750,000	750,000
Sharon Rd. Bridge Repairs at Mill Creek	MRF/LGF	C	98,000		98,000					
Kemper Rd. / Depot Rd. Bridge Repair	MRF/LGF	P	110,000			110,000				

FUNDING CODES

LGF - Local government Fund; may include 3 mil levy, Street Construction, Maintenance and Repair (SCMR) and permissive License Fee

MRF - Hamilton County Municipal Road Fund

CDBG - Hamilton County Community Development Block Grant

Ohio Public Works Commission
Five Year Capital Improvement Plan/Maintenance of Effort

Subdivision Name: City of Sharonville Code: 061-71892 Date 9/18/97

Project Name / Description	Funding Code(s)	Status (A)ctive (C)omplete (P)ending	Total Cost	Two Year Effort		Five Year Plan				
				1996 Funded	1997	1998	1999	2000 Funded	2001	2002
Kemper Road Improvements	MRF/OPWC	P	626,000				626,000			
(Grooms to Conrey)										
East Kemper Road Bridge	LGF	P	250,000			250,000				
Abutment Removals										
Bridge Repair - Cornell @ Burke	MRF	P	41,000			41,000				
Retaining Wall - Reading and Cornell	LGF	P	75,000			75,000				
Millcreek Dredging	LGF	P	275,000			125,000	125,000	125,000		
Kemper Road Widening	LGF	P	2,455,000				600,000	1,855,000		
(Mosteller to Kemper)										
Reed Hartman / I-275 Imp. (Engineering)	FED/LGF	P	5,500,000						2,750,000	2,750,000

FUNDING CODES
LGF - Local government Fund; may include 3 mil levy, Street Construction, Maintenance and Repair (SCMR) and permissive License Fee
MRF - Hamilton County Municipal Road Fund
CDBG - Hamilton County Community Development Block Grant

CDS Associates, Inc.

'98 MRF

Date:9-23-97

Project: KEMPER ROAD IMPROVEMENTS
PRELIMINARY OPINION OF CONSTR. COSTS
CITY OF SHARONVILLE, OHIO - HAMILTON COUNTY

Project #: 97002-26

Item No.	Spec. No.	ITEM	Ham. Co. Estimate	Sharonville Estimate	Estimated Quantity	Unit of Measure	Unit Cost Total	Ham. Co. Cost	Sharonville Cost	Item Cost
1	201	Clearing and Grubbing	0.50	0.50	1.00	LS	20,000	$10,000.00	$10,000.00	$20,000.00
2	202	Pavement Removed	0.00	309.00	309.00	SY	10.00	$0.00	$3,090.00	$3,090.00
3	202	Wearing Course Removed	799.00	2,985.00	3,784.00	SY	2.00	$1,598.00	$5,970.00	$7,568.00
4	202	Curb Removed	0.00	20.00	20.00	LF	5.00	$0.00	$100.00	$100.00
5	202	Curb and Gutter Removed	0.00	164.00	164.00	LF	5.00	$0.00	$820.00	$820.00
6	202	Pipe Removed, 24" and Under	0.00	304.00	304.00	LF	10.00	$0.00	$3,040.00	$3,040.00
7	202	Guardrail Removed	1,070.00	713.00	1,783.00	LF	5.00	$5,350.00	$3,565.00	$8,915.00
8	202	Structure Removed	0.00	2.00	2.00	EA	200.00	$0.00	$400.00	$400.00
9	202	Sign Removed	1.00	1.00	2.00	EA	2,500	$2,500.00	$2,500.00	$5,000.00
10	203	Excavation, not Including Embankment Construction	580.00	1,242.00	1,822.00	CY	12.00	$6,960.00	$14,904.00	$21,864.00
11	203	Embankment Construction	627.00	1,397.00	2,024.00	CY	20.00	$12,540.00	$27,940.00	$40,480.00
12	203	Linear Grading	0.00	75.00	75.00	LF	20.00	$0.00	$1,500.00	$1,500.00
13	203	Subgrade Compaction	2,521.00	3,696.00	6,217.00	SY	1.00	$2,521.00	$3,696.00	$6,217.00
14	301	Buturninous Aggregate Base	715.00	1,013.00	1,728.00	CY	60.00	$42,900.00	$60,780.00	$103,680.00
15	304	Aggregate Base	0.00	11.00	11.00	CY	44.00	$0.00	$484.00	$484.00
16	402	Asphalt Concrete, AC-20	172.00	339.00	511.00	CY	65.00	$11,180.00	$22,035.00	$33,215.00
17	404	Asphalt Concrete, AC-20	170.00	406.00	576.00	CY	65.00	$11,050.00	$26,390.00	$37,440.00
18	407	Tack Coat	150.00	471.00	621.00	GAL	1.00	$150.00	$471.00	$621.00

CDS Associates, Inc.

'98 MRF

Date:9-23-97

Project: KEMPER ROAD IMPROVEMENTS
PRELIMINARY OPINION OF CONSTR. COSTS
CITY OF SHARONVILLE, OHIO - HAMILTON COUNTY

Project #: 97002-26

Item No.	Spec. No.	ITEM	Ham. Co. Estimate	Sharonville Estimate	Estimated Quantity	Unit of Measure	Unit Cost Total	Ham. Co. Cost	Sharonville Cost	Item Cost
19	452	7" Plain Concrete Pavement	0.00	69.00	69.00	SY	35.00	$0.00	$2,415.00	$2,415.00
20	452	8" Plain Concrete Pavement	0.00	152.00	152.00	SY	40.00	$0.00	$6,080.00	$6,080.00
21	602	Concrete Masonry	0.56	0.68	1.24	CY	1,000	$560.00	$680.00	$1,240.00
22	603	12" Conduit, Type "B", 706.02	199.00	351.00	550.00	LF	50.00	$9,950.00	$17,550.00	$27,500.00
23	603	12" Conduit, Type "C", 706.02	398.00	0.00	398.00	LF	50.00	$19,900.00	$0.00	$19,900.00
24	603	12" Conduit, Type "D", 706.01 or 706.02	0.00	32.00	32.00	LF	50.00	$0.00	$1,600.00	$1,600.00
25	603	15" Conduit, Type "B", 706.02	28.00	28.00	56.00	LF	55.00	$1,540.00	$1,540.00	$3,080.00
26	603	15" Conduit, Type "C", 706.02	0.00	316.00	316.00	LF	55.00	$0.00	$17,380.00	$17,380.00
27	603	18" Conduit, Type "C", 706.02	0.00	159.00	159.00	LF	65.00	$0.00	$10,335.00	$10,335.00
28	603	24" Conduit, Type "C", 706.02	0.00	20.00	20.00	LF	70.00	$0.00	$1,400.00	$1,400.00
29	603	24" Conduit, Type "D", 706.01 or 706.02	0.00	32.00	32.00	LF	70.00	$0.00	$2,240.00	$2,240.00
30	603	30" Conduit, Type "B", 706.02	66.00	64.00	130.00	LF	80.00	$5,280.00	$5,120.00	$10,400.00
31	604	Catch Basin No. 2-2-A	0.00	1.00	1.00	EA	1,000	$0.00	$1,000.00	$1,000.00
32	604	Catch Basin No. 3	4.00	9.00	13.00	EA	1,800	$7,200.00	$16,200.00	$23,400.00
33	604	Catch Basin No. 3-A	2.00	4.00	6.00	EA	1,500	$3,000.00	$6,000.00	$9,000.00
34	604	Manhole No. 1	4.00	3.00	7.00	EA	2,100	$8,400.00	$6,300.00	$14,700.00
35	606	Guardrail, Type 4 Modified	862.50	712.50	1,575.00	LF	12.00	$10,350.00	$8,550.00	$18,900.00
36	606	Bridge Terminal Assembly, Type "F"	2.00	2.00	4.00	EA	2,500	$5,000.00	$5,000.00	$10,000.00
37	609	Concrete Curb, Type 3-A	0.00	70.00	70.00	LF	10.00	$0.00	$700.00	$700.00

CDS Associates, Inc.

'98 MRF

Date:9-23-97

Project: KEMPER ROAD IMPROVEMENTS
PRELIMINARY OPINION OF CONSTR. COSTS
CITY OF SHARONVILLE, OHIO - HAMILTON COUNTY

Project #: 97002-26

Item No.	Spec. No.	ITEM	Ham. Co. Estimate	Sharonville Estimate	Estimated Quantity	Unit of Measure	Unit Cost Total	Ham. Co. Cost	Sharonville Cost	Item Cost
38	609	Concrete Curb, Type 6	1,455.00	2,620.00	4,075.00	LF	12.50	$18,187.50	$32,750.00	$50,937.50
39	609	Concrete Curb, Type 7	42.00	43.00	85.00	LF	15.00	$630.00	$645.00	$1,275.00
40	609	Combination Curb and Gutter, Type 2	0.00	20.00	20.00	LF	10.00	$0.00	$200.00	$200.00
41	614	Maintaining Traffic	0.00	1.00	1.00	LS	30,000	$0.00	$30,000.00	$30,000.00
42	614	Temporary Edge Line	0.70	0.97	1.67	Mile	1,000	$700.00	$970.00	$1,670.00
43	614	Temporary Center Line	0.57	0.58	1.15	Mile	1,100	$627.00	$638.00	$1,265.00
44	614	Temporary Stop Line	57.00	22.00	79.00	LF	3.00	$171.00	$66.00	$237.00
45	614	Temporary Channelizing Line	0.00	247.00	247.00	LF	1.00	$0.00	$247.00	$247.00
46	614	Channelizing Line	0.00	247.00	247.00	LF	1.50	$0.00	$370.50	$370.50
47	614	Temporary Lane Arrow	0.00	6.00	6.00	EA	60.00	$0.00	$360.00	$360.00
48	614	Lane Arrow	0.00	6.00	6.00	EA	80.00	$0.00	$480.00	$480.00
49	619	Field Office, Type B	0.43	0.57	1.00	LS	20,000	$8,572.00	$11,428.00	$20,000.00
50	623	Construction Layout Stakes	0.50	0.50	1.00	LS	10,000	$5,000.00	$5,000.00	$10,000.00
51	632	Traffic Signal System, Complete	0.50	1.50	2.00	EA	50,000	$25,000.00	$75,000.00	$100,000.00
52	644	Edgeline	0.18	0.97	1.15	Mile	2,000	$360.00	$1,940.00	$2,300.00
53	644	Centerline	0.58	0.57	1.15	Mile	4,000	$2,320.00	$2,280.00	$4,600.00
54	644	Stop Line	57.00	22.00	79.00	LF	6.00	$342.00	$132.00	$474.00
55	653	Topsoil Furnished and Placed	171.00	432.00	603.00	CY	30.00	$5,130.00	$12,960.00	$18,090.00

CDS Associates, Inc.

'98 MRF

Date:9-23-97

Project: KEMPER ROAD IMPROVEMENTS
PRELIMINARY OPINION OF CONSTR. COSTS
CITY OF SHARONVILLE, OHIO - HAMILTON COUNTY

Project #: 97002-26

Item No.	Spec. No.	ITEM	Ham. Co. Estimate	Sharonville Estimate	Estimated Quantity	Unit of Measure	Unit Cost Total	Ham. Co. Cost	Sharonville Cost	Item Cost
56	659	Commercial Fertilizer (12-12-12)	0.19	0.47	0.66	TON	500.00	$95.00	$235.00	$330.00
57	660	Sodding	2,062.00	5,180.00	7,242.00	SY	3.50	$7,217.00	$18,130.00	$25,347.00
58	SPL	Temporary Erosion Control	0.50	0.50	1.00	LS	6,000	$3,000.00	$3,000.00	$6,000.00
60	638	12" Watermain Relocation	0.43	0.57	1.00	LS	150,700	$64,590.02	$86,109.98	$150,700.00
		SUB-TOTAL						$319,870.52	$580,716.48	$900,587.00
		CONTINGENCIES (10%±)						$32,129.48	$57,283.52	$89,413.00
		OPINION OF TOTAL CONSTRUCTION COST						$352,000.00	$638,000.00	$990,000.00

USEFUL LIFE: UPON THE COMPLETION OF DETAILED PLANS AND SATISFACTORY COMPLETION OF WORK, THE USEFUL LIFE FOR THIS PROJECT WILL BE 20 YEARS.

THE ABOVE OPINION OF CONSTRUCTION COST IS SUBJECT TO ADJUSTMENT UPON COMPLETION OF DETAILED PLANS AND RECEIPT OF BIDS BY QUALIFIED CONTRACTORS.

STATE OF OHIO
MARK A. KLUESENER
#48151
REGISTERED
PROFESSIONAL ENGINEER

Mark A. Kluesener 9-22-97
Mark A. Kluesener, P.E.
CITY ENGINEER, #48151

CDS Associates, Inc.

'98 MRF

Date:9-23-97

Project: KEMPER ROAD IMPROVEMENTS
PRELIMINARY OPINION OF CONSTR. COSTS
CITY OF SHARONVILLE, OHIO - HAMILTON COUNTY

Project #: 97002-26

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2	202	Pavement Removed	0.00	309.00	309.00	SY	10.00	$0.00	$3,090.00	$3,090.00
3	202	Wearing Course Removed	799.00	2,985.00	3,784.00	SY	2.00	$1,598.00	$5,970.00	$7,568.00
4	202	Curb Removed	0.00	20.00	20.00	LF	5.00	$0.00	$100.00	$100.00
5	202	Curb and Gutter Removed	0.00	164.00	164.00	LF	5.00	$0.00	$820.00	$820.00
6	202	Pipe Removed, 24" and Under	0.00	304.00	304.00	LF	10.00	$0.00	$3,040.00	$3,040.00
7	202	Guardrail Removed	1,070.00	713.00	1,783.00	LF	5.00	$5,350.00	$3,565.00	$8,915.00
8	202	Structure Removed	0.00	2.00	2.00	EA	200.00	$0.00	$400.00	$400.00
9	202	Sign Removed	1.00	1.00	2.00	EA	2,500	$2,500.00	$2,500.00	$5,000.00
10	203	Excavation, not Including Embankment Construction	580.00	1,242.00	1,822.00	CY	12.00	$6,960.00	$14,904.00	$21,864.00
11	203	Embankment Construction	627.00	1,397.00	2,024.00	CY	20.00	$12,540.00	$27,940.00	$40,480.00
12	203	Linear Grading	0.00	75.00	75.00	LF	20.00	$0.00	$1,500.00	$1,500.00
13	203	Subgrade Compaction	2,521.00	3,696.00	6,217.00	SY	1.00	$2,521.00	$3,696.00	$6,217.00
14	301	Bituminous Aggregate Base	715.00	1,013.00	1,728.00	CY	60.00	$42,900.00	$60,780.00	$103,680.00
15	304	Aggregate Base	0.00	11.00	11.00	CY	44.00	$0.00	$484.00	$484.00
16	402	Asphalt Concrete, AC-20	172.00	339.00	511.00	CY	65.00	$11,180.00	$22,035.00	$33,215.00
17	404	Asphalt Concrete, AC-20	170.00	406.00	576.00	CY	65.00	$11,050.00	$26,390.00	$37,440.00
18	407	Tack Coat	150.00	471.00	621.00	GAL	1.00	$150.00	$471.00	$621.00

CDS Associates, Inc.

'98 MRF

Date:9-23-97

Project: KEMPER ROAD IMPROVEMENTS
PRELIMINARY OPINION OF CONSTR. COSTS
CITY OF SHARONVILLE, OHIO - HAMILTON COUNTY

Project #: 97002-26

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20	452	8" Plain Concrete Pavement	0.00	152.00	152.00	SY	40.00	$0.00	$6,080.00	$6,080.00
21	602	Concrete Masonry	0.56	0.68	1.24	CY	1,000	$560.00	$680.00	$1,240.00
22	603	12" Conduit, Type "B", 706.02	199.00	351.00	550.00	LF	50.00	$9,950.00	$17,550.00	$27,500.00
23	603	12" Conduit, Type "C", 706.02	398.00	0.00	398.00	LF	50.00	$19,900.00	$0.00	$19,900.00
24	603	12" Conduit, Type "D", 706.01 or 706.02	0.00	32.00	32.00	LF	50.00	$0.00	$1,600.00	$1,600.00
25	603	15" Conduit, Type "B", 706.02	28.00	28.00	56.00	LF	55.00	$1,540.00	$1,540.00	$3,080.00
26	603	15" Conduit, Type "C", 706.02	0.00	316.00	316.00	LF	55.00	$0.00	$17,380.00	$17,380.00
27	603	18" Conduit, Type "C", 706.02	0.00	159.00	159.00	LF	65.00	$0.00	$10,335.00	$10,335.00
28	603	24" Conduit, Type "C", 706.02	0.00	20.00	20.00	LF	70.00	$0.00	$1,400.00	$1,400.00
29	603	24" Conduit, Type "D", 706.01 or 706.02	0.00	32.00	32.00	LF	70.00	$0.00	$2,240.00	$2,240.00
30	603	30" Conduit, Type "B", 706.02	66.00	64.00	130.00	LF	80.00	$5,280.00	$5,120.00	$10,400.00
31	604	Catch Basin No. 2-2-A	0.00	1.00	1.00	EA	1,000	$0.00	$1,000.00	$1,000.00
32	604	Catch Basin No. 3	4.00	9.00	13.00	EA	1,800	$7,200.00	$16,200.00	$23,400.00
33	604	Catch Basin No. 3-A	2.00	4.00	6.00	EA	1,500	$3,000.00	$6,000.00	$9,000.00
34	604	Manhole No. 1	4.00	3.00	7.00	EA	2,100	$8,400.00	$6,300.00	$14,700.00
35	606	Guardrail, Type 4 Modified	862.50	712.50	1,575.00	LF	12.00	$10,350.00	$8,550.00	$18,900.00
36	606	Bridge Terminal Assembly, Type "F"	2.00	2.00	4.00	EA	2,500	$5,000.00	$5,000.00	$10,000.00
37	609	Concrete Curb, Type 3-A	0.00	70.00	70.00	LF	10.00	$0.00	$700.00	$700.00

CDS Associates, Inc.

'98 MRF

Date:9-23-97

Project: KEMPER ROAD IMPROVEMENTS
PRELIMINARY OPINION OF CONSTR. COSTS
CITY OF SHARONVILLE, OHIO - HAMILTON COUNTY

Project #: 97002-26

Item No.	Spec. No.	ITEM	Ham. Co. Estimate	Sharonville Estimate	Estimated Quantity	Unit of Measure	Unit Cost Total	Ham. Co. Cost	Sharonville Cost	Item Cost
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39	609	Concrete Curb, Type 7	42.00	43.00	85.00	LF	15.00	$630.00	$645.00	$1,275.00
40	609	Combination Curb and Gutter, Type 2	0.00	20.00	20.00	LF	10.00	$0.00	$200.00	$200.00
41	614	Maintaining Traffic	0.00	1.00	1.00	LS	30,000	$0.00	$30,000.00	$30,000.00
42	614	Temporary Edge Line	0.70	0.97	1.67	Mile	1,000	$700.00	$970.00	$1,670.00
43	614	Temporary Center Line	0.57	0.58	1.15	Mile	1,100	$627.00	$638.00	$1,265.00
44	614	Temporary Stop Line	57.00	22.00	79.00	LF	3.00	$171.00	$66.00	$237.00
45	614	Temporary Channelizing Line	0.00	247.00	247.00	LF	1.00	$0.00	$247.00	$247.00
46	614	Channelizing Line	0.00	247.00	247.00	LF	1.50	$0.00	$370.50	$370.50
47	614	Temporary Lane Arrow	0.00	6.00	6.00	EA	60.00	$0.00	$360.00	$360.00
48	614	Lane Arrow	0.00	6.00	6.00	EA	80.00	$0.00	$480.00	$480.00
49	619	Field Office, Type B	0.43	0.57	1.00	LS	20,000	$8,572.00	$11,428.00	$20,000.00
50	623	Construction Layout Stakes	0.50	0.50	1.00	LS	10,000	$5,000.00	$5,000.00	$10,000.00
51	632	Traffic Signal System, Complete	0.50	1.50	2.00	EA	50,000	$25,000.00	$75,000.00	$100,000.00
52	644	Edgeline	0.18	0.97	1.15	Mile	2,000	$360.00	$1,940.00	$2,300.00
53	644	Centerline	0.58	0.57	1.15	Mile	4,000	$2,320.00	$2,280.00	$4,600.00
54	644	Stop Line	57.00	22.00	79.00	LF	6.00	$342.00	$132.00	$474.00
55	653	Topsoil Furnished and Placed	171.00	432.00	603.00	CY	30.00	$5,130.00	$12,960.00	$18,090.00

CDS Associates, Inc.

'98 MRF

Date:9-23-97

Project: KEMPER ROAD IMPROVEMENTS
PRELIMINARY OPINION OF CONSTR. COSTS
CITY OF SHARONVILLE, OHIO - HAMILTON COUNTY

Project #: 97002-26

Item No.	Spec. No.	ITEM	Ham. Co. Estimate	Sharonville Estimate	Estimated Quantity	Unit of Measure	Unit Cost Total	Ham. Co. Cost	Sharonville Cost	Item Cost
56	659	Commercial Fertilizer (12-12-12)	0.19	0.47	0.66	TON	500.00	$95.00	$235.00	$330.00
57	660	Sodding	2,062.00	5,180.00	7,242.00	SY	3.50	$7,217.00	$18,130.00	$25,347.00
58	SPL	Temporary Erosion Control	0.50	0.50	1.00	LS	6,000	$3,000.00	$3,000.00	$6,000.00
60	638	12" Watermain Relocation	0.43	0.57	1.00	LS	150,700	$64,590.02	$86,109.98	$150,700.00
		SUB-TOTAL						$319,870.52	$580,716.48	$900,587.00
		CONTINGENCIES (10%±)						$32,129.48	$57,283.52	$89,413.00
		OPINION OF TOTAL CONSTRUCTION COST						$352,000.00	$638,000.00	$990,000.00

USEFUL LIFE: UPON THE COMPLETION OF DETAILED PLANS AND SATISFACTORY COMPLETION OF WORK, THE USEFUL LIFE FOR THIS PROJECT WILL BE 20 YEARS.

THE ABOVE OPINION OF CONSTRUCTION COST IS SUBJECT TO ADJUSTMENT UPON COMPLETION OF DETAILED PLANS AND RECEIPT OF BIDS BY QUALIFIED CONTRACTORS.

STATE OF OHIO
MARK A. KLUESENER
#48151
REGISTERED
PROFESSIONAL ENGINEER

Mark A. Kluesener 9-22-97
Mark A. Kluesener, P.E.
CITY ENGINEER, #48151

CDS Associates, Inc.

'98 MRF

Date:9-23-97

Project: KEMPER ROAD IMPROVEMENTS
PRELIMINARY OPINION OF CONSTR. COSTS
CITY OF SHARONVILLE, OHIO - HAMILTON COUNTY

Project #: 97002-26

Item No.	Spec. No.	ITEM	Ham. Co. Estimate	Sharonville Estimate	Estimated Quantity	Unit of Measure	Unit Cost Total	Ham. Co. Cost	Sharonville Cost	Item Cost
1	201	Clearing and Grubbing	0.50	0.50	1.00	LS	20,000	$10,000.00	$10,000.00	$20,000.00
2	202	Pavement Removed	0.00	309.00	309.00	SY	10.00	$0.00	$3,090.00	$3,090.00
3	202	Wearing Course Removed	799.00	2,985.00	3,784.00	SY	2.00	$1,598.00	$5,970.00	$7,568.00
4	202	Curb Removed	0.00	20.00	20.00	LF	5.00	$0.00	$100.00	$100.00
5	202	Curb and Gutter Removed	0.00	164.00	164.00	LF	5.00	$0.00	$820.00	$820.00
6	202	Pipe Removed, 24" and Under	0.00	304.00	304.00	LF	10.00	$0.00	$3,040.00	$3,040.00
7	202	Guardrail Removed	1,070.00	713.00	1,783.00	LF	5.00	$5,350.00	$3,565.00	$8,915.00
8	202	Structure Removed	0.00	2.00	2.00	EA	200.00	$0.00	$400.00	$400.00
9	202	Sign Removed	1.00	1.00	2.00	EA	2,500	$2,500.00	$2,500.00	$5,000.00
10	203	Excavation, not Including Embankment Construction	580.00	1,242.00	1,822.00	CY	12.00	$6,960.00	$14,904.00	$21,864.00
11	203	Embankment Construction	627.00	1,397.00	2,024.00	CY	20.00	$12,540.00	$27,940.00	$40,480.00
12	203	Linear Grading	0.00	75.00	75.00	LF	20.00	$0.00	$1,500.00	$1,500.00
13	203	Subgrade Compaction	2,521.00	3,696.00	6,217.00	SY	1.00	$2,521.00	$3,696.00	$6,217.00
14	301	Butuminous Aggregate Base	715.00	1,013.00	1,728.00	CY	60.00	$42,900.00	$60,780.00	$103,680.00
15	304	Aggregate Base	0.00	11.00	11.00	CY	44.00	$0.00	$484.00	$484.00
16	402	Asphalt Concrete, AC-20	172.00	339.00	511.00	CY	65.00	$11,180.00	$22,035.00	$33,215.00
17	404	Asphalt Concrete, AC-20	170.00	406.00	576.00	CY	65.00	$11,050.00	$26,390.00	$37,440.00
18	407	Tack Coat	150.00	471.00	621.00	GAL	1.00	$150.00	$471.00	$621.00

CDS Associates, Inc.

'98 MRF

Date:9-23-97

Project: KEMPER ROAD IMPROVEMENTS
PRELIMINARY OPINION OF CONSTR. COSTS
CITY OF SHARONVILLE, OHIO - HAMILTON COUNTY

Project #: 97002-26

Item No.	Spec. No.	ITEM	Ham. Co. Estimate	Sharonville Estimate	Estimated Quantity	Unit of Measure	Unit Cost Total	Ham. Co. Cost	Sharonville Cost	Item Cost
19	452	7" Plain Concrete Pavement	0.00	69.00	69.00	SY	35.00	$0.00	$2,415.00	$2,415.00
20	452	8" Plain Concrete Pavement	0.00	152.00	152.00	SY	40.00	$0.00	$6,080.00	$6,080.00
21	602	Concrete Masonry	0.56	0.68	1.24	CY	1,000	$560.00	$680.00	$1,240.00
22	603	12" Conduit, Type "B", 706.02	199.00	351.00	550.00	LF	50.00	$9,950.00	$17,550.00	$27,500.00
23	603	12" Conduit, Type "C", 706.02	398.00	0.00	398.00	LF	50.00	$19,900.00	$0.00	$19,900.00
24	603	12" Conduit, Type "D", 706.01 or 706.02	0.00	32.00	32.00	LF	50.00	$0.00	$1,600.00	$1,600.00
25	603	15" Conduit, Type "B", 706.02	28.00	28.00	56.00	LF	55.00	$1,540.00	$1,540.00	$3,080.00
26	603	15" Conduit, Type "C", 706.02	0.00	316.00	316.00	LF	55.00	$0.00	$17,380.00	$17,380.00
27	603	18" Conduit, Type "C", 706.02	0.00	159.00	159.00	LF	65.00	$0.00	$10,335.00	$10,335.00
28	603	24" Conduit, Type "C", 706.02	0.00	20.00	20.00	LF	70.00	$0.00	$1,400.00	$1,400.00
29	603	24" Conduit, Type "D", 706.01 or 706.02	0.00	32.00	32.00	LF	70.00	$0.00	$2,240.00	$2,240.00
30	603	30" Conduit, Type "B", 706.02	66.00	64.00	130.00	LF	80.00	$5,280.00	$5,120.00	$10,400.00
31	604	Catch Basin No. 2-2-A	0.00	1.00	1.00	EA	1,000	$0.00	$1,000.00	$1,000.00
32	604	Catch Basin No. 3	4.00	9.00	13.00	EA	1,800	$7,200.00	$16,200.00	$23,400.00
33	604	Catch Basin No. 3-A	2.00	4.00	6.00	EA	1,500	$3,000.00	$6,000.00	$9,000.00
34	604	Manhole No. 1	4.00	3.00	7.00	EA	2,100	$8,400.00	$6,300.00	$14,700.00
35	606	Guardrail, Type 4 Modified	862.50	712.50	1,575.00	LF	12.00	$10,350.00	$8,550.00	$18,900.00
36	606	Bridge Terminal Assembly, Type "F"	2.00	2.00	4.00	EA	2,500	$5,000.00	$5,000.00	$10,000.00
37	609	Concrete Curb, Type 3-A	0.00	70.00	70.00	LF	10.00	$0.00	$700.00	$700.00

CDS Associates, Inc.

'98 MRF

Date:9-23-97

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CITY OF SHARONVILLE, OHIO - HAMILTON COUNTY

Project #: 97002-26

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38	609	Concrete Curb, Type 6	1,455.00	2,620.00	4,075.00	LF	12.50	$18,187.50	$32,750.00	$50,937.50
39	609	Concrete Curb, Type 7	42.00	43.00	85.00	LF	15.00	$630.00	$645.00	$1,275.00
40	609	Combination Curb and Gutter, Type 2	0.00	20.00	20.00	LF	10.00	$0.00	$200.00	$200.00
41	614	Maintaining Traffic	0.00	1.00	1.00	LS	30,000	$0.00	$30,000.00	$30,000.00
42	614	Temporary Edge Line	0.70	0.97	1.67	Mile	1,000	$700.00	$970.00	$1,670.00
43	614	Temporary Center Line	0.57	0.58	1.15	Mile	1,100	$627.00	$638.00	$1,265.00
44	614	Temporary Stop Line	57.00	22.00	79.00	LF	3.00	$171.00	$66.00	$237.00
45	614	Temporary Channelizing Line	0.00	247.00	247.00	LF	1.00	$0.00	$247.00	$247.00
46	614	Channelizing Line	0.00	247.00	247.00	LF	1.50	$0.00	$370.50	$370.50
47	614	Temporary Lane Arrow	0.00	6.00	6.00	EA	60.00	$0.00	$360.00	$360.00
48	614	Lane Arrow	0.00	6.00	6.00	EA	80.00	$0.00	$480.00	$480.00
49	619	Field Office, Type B	0.43	0.57	1.00	LS	20,000	$8,572.00	$11,428.00	$20,000.00
50	623	Construction Layout Stakes	0.50	0.50	1.00	LS	10,000	$5,000.00	$5,000.00	$10,000.00
51	632	Traffic Signal System, Complete	0.50	1.50	2.00	EA	50,000	$25,000.00	$75,000.00	$100,000.00
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CDS Associates, Inc.

'98 MRF

Date:9-23-97

Project: KEMPER ROAD IMPROVEMENTS
PRELIMINARY OPINION OF CONSTR. COSTS
CITY OF SHARONVILLE, OHIO - HAMILTON COUNTY

Project #: 97002-26

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THE ABOVE OPINION OF CONSTRUCTION COST IS SUBJECT TO ADJUSTMENT UPON COMPLETION OF DETAILED PLANS AND RECEIPT OF BIDS BY QUALIFIED CONTRACTORS.

STATE OF OHIO
MARK A. KLUESENER
#48151
REGISTERED
PROFESSIONAL ENGINEER

Mark A. Kluesener 9-22-97
Mark A. Kluesener, P.E.
CITY ENGINEER, #48151

SCIP/LTIP PROGRAM
ROUND 12 - PROGRAM YEAR 1998
PROJECT SELECTION CRITERIA
JULY 1, 1998 TO JUNE 30, 1999

JURISDICTION/AGENCY: City of Shannonville

NAME OF PROJECT: Kemper Road Improvements

PRELIMINARY SCORE FOR THIS PROJECT: 56

FINAL SCORE FOR THIS PROJECT: _____

RATING TEAM: 3

POINTS

1) If *SCIP/LTIP* funds are granted, when would the construction contract be awarded? (See Addendum for definition of delinquency) 10

10 Points - Will be under contract by end of 1998 and no delinquent projects in Rounds 9 & 10.

5 Points - Will be under contract by March 30, 1999 and/or jurisdiction has had one delinquent project in Rounds 9 & 10. 10

0 Points - Will not be under contract by March 30, 1999 and/or jurisdiction has had more than one delinquent project in Rounds 9 & 10.

2) What is the physical condition of the existing infrastructure to be replaced or repaired? (See Addendum for definitions) 17

25 Points - Failed
23 Points - Critical
20 Points - Very Poor
17 Points - Poor
15 Points - Moderately Poor
10 Points - Moderately Fair
5 Points - Fair Condition
0 Points - Good or Better

one joint bad
no structural
overlay needed

17

NOTE: If the infrastructure is in "good" or better condition, it will *NOT* be considered for *SCIP/LTIP* funding unless it is an expansion project that will improve serviceability.

3) If the project is built, what will be its effect on the facility's serviceability? Documentation is required.

5 Points - Project design is for future demand.
4 Points - Project design is for partial future demand.
3 Points - Project design is for current demand.
2 Points - Project design is for minimal increase in capacity.
1 Point - Project design is for no increase in capacity.

4 see chart

5

4) How important is the project to *HEALTH, SAFETY, AND WELFARE* of the public and the citizens of the District and/or service area? (See Addendum for definitions)

10 Points - Highly significant importance, with substantial impact on all 3 factors.

8 Points - Considerably significant importance, with substantial impact on 2 factors, or noticeable impact on all 3 factors.

6 Points - Moderate importance, with substantial impact on 1 factor or noticeable impact on 2 factors.

4 Points - Minimal importance, with noticeable impact on 1 factor

2 Points - No measurable impact

8

8 Safety & welfare

5) What is the overall economic health of the jurisdiction?

10 Points
8 Points
6 Points
4 Points
2 Points

2

6) What matching funds are being committed to the project, expressed as as a percentage of the *TOTAL CONSTRUCTION COST?* Loan and Credit Enhancement projects automatically receive 5 points, and no match is required. All grant funded projects require a minimum of 10% matching funds.

5 Points - 50% or more
4 Points - 40% to 49.99%
3 Points - 30% to 39.99%
2 Points - 20% to 29.99%
1 Point - 10% to 19.99%

3

3

7) Has any formal action by a federal, state, or local government agency resulted in a partial or complete ban of the usage or expansion of the usage for the involved infrastructure? *POINTS MAY ONLY BE AWARDED IF THE END RESULT OF THE PROJECT WILL CAUSE THE BAN TO BE LIFTED.*

5 Points - Complete ban
3 Points - Partial ban
0 Points - No ban of any kind

0

8) What is the total number of existing daily users that will benefit as a result of the proposed project? Appropriate criteria include current traffic counts, households served, when converted to a measurement of persons. Public transit users are permitted to be counted for the roads and bridges, but only when certifiable ridership figures are provided.

5 Points - 16,000 or more
4 Points - 12,000 to 15,999
3 Points - 8,000 to 11,999
2 Points - 4,000 to 7,999
1 Point - 3,999 and under

5

5

9) Does the infrastructure have regional impact? Consider originations and destinations of traffic, functional classifications, size of service area, number of jurisdictions served, etc. (See Addendum for definitions)

5 Points - Major impact
4 Points -
3 Points - Moderate impact
2 Points -
1 Point - Minimal or no impact

4

?

3

10) Has the jurisdiction enacted the optional $5 license plate fee, an infrastructure levy, a user fee, or a dedicated tax for infrastructure and provided certification of which fees have been enacted?

5 Points - Two of the above
3 Points - One of the above
0 Points - None of the above

3

ADDENDUM TO THE RATING SYSTEM DEFINITIONS/CLARIFICATIONS

Criterion 1 - *ABILITY TO PROCEED*

The Support Staff will assign points based on engineering experience and OPWC defined delinquent projects. A project will be considered delinquent when any of the following occurs: 1) A letter is sent from the OPWC to the affected jurisdiction stating that the project has not moved in accordance with the time frame listed on the application (copies are sent to the District); or 2) no time extension has been granted by the OPWC; or 3) A jurisdiction receiving approval for a project subsequently terminates the same after the bid date on the application. The OPWC sends a letter to a jurisdiction which announces that its' project is going to be terminated when the project is sixty (60) days beyond the bid date shown on the original application and a time extension for the project has not previously been requested or has been denied.

2 - *CONDITION*

Condition is based on the amount of deterioration that is field verified or documented exclusive of capacity, serviceability, or health, safety and welfare issues. Condition is rated only on the existing facility being repaired or abandoned. If the existing facility is not being abandoned or repaired, but a new facility is being built, it shall be considered as an expansion project. (Documentation may include ODOT BR-86 reports, pavement management condition reports, televised underground system reports, age inventory reports, maintenance records, etc., and will only be considered if included with the original application.)

Definitions:

FAILED CONDITION - Requires complete reconstruction where no part of the existing facility is salvageable. (e.g. Roads: complete reconstruction of roadway, curbs and base; Bridges: no part of the bridge can be salvaged; Underground: removal and replacement of an underground drainage or water system; Hydrants: completely non-functioning and replacement parts are unavailable.)

CRITICAL CONDITION - Requires moderate or partial reconstruction to maintain integrity. (e.g. Roads: reconstruction of roadway, curbs can be saved; Bridges: only the substructure can be salvaged with modifications; Underground: removal and replacement of part of an underground drainage or water system; Hydrants: some non-functioning, others obsolete and replacement parts are unavailable.)

VERY POOR CONDITION - Requires extensive rehabilitation to maintain integrity. (e.g. Roads: extensive full depth, partial depth and curb repair of a roadway with a structural overlay; Bridges: substructure and superstructure can be salvaged with extensive repairs; Underground: repair of joints and/or minor replacement of pipe sections; Hydrants: non-functioning and replacement parts are available.)

POOR CONDITION - Requires standard rehabilitation to maintain integrity. (e.g. Roads: moderate full depth, partial depth and curb repair to a roadway with no structural overlay needed or structural overlay with minor repairs to a roadway needed; Bridges: deck cannot be salvaged, substructure and superstructure need repair; Underground: insituform or other in ground repairs; Hydrants: functional, but leaking and replacement parts are unavailable.)

MODERATELY POOR CONDITION - Requires minor rehabilitation to maintain integrity. (e.g. Roads: minor full depth, partial depth or curb repairs to a roadway with either a thin overlay or no overlay needed; Bridges: deck can be salvaged with repairs and overlay; Hydrants: functional and replacement parts are available.)

MODERATELY FAIR CONDITION - Requires extensive maintenance to maintain integrity. (e.g. Roads: thin or no overlay with extensive crack sealing, minor partial depth and/or slurry or rejuvenation; Bridges: deck rehabilitation required, overlay not required.)

FAIR CONDITION - Requires routine maintenance to maintain integrity. (e.g. Roads: slurry seal, rejuvenation or routine crack sealing to the roadway; Bridges: minor rehabilitation required.)

GOOD OR BETTER CONDITION - Little or no maintenance required to maintain integrity; Bridges: no work required.

Criterion 4 - *HEALTH, SAFETY & WELFARE*

Definitions:

SAFETY - The design of the project will prevent accidents, promote safer conditions, and eliminate or reduce the danger of risk, liability, or injury.

EXAMPLES: Widening existing roadway lanes to standard lane widths; Adding lanes to a roadway or bridge to increase capacity or alleviate congestion; replacing old or non-functioning hydrants; increasing capacity to a water system, etc.

HEALTH - The design of the project will improve the overall condition of the facility so as to reduce or eliminate disease; or correct concerns regarding the environmental health of the area.

EXAMPLES: Improving or adding storm drainage or sanitary facilities; replacing lead joints in water lines;

WELFARE - The design of the project will promote economic well-being and prosperity.

EXAMPLES: Project has the potential to improve business expansions or opportunities in the area; project will improve the quality of life in the area;

PLEASE NOTE: The examples listed above are NOT a complete list, but only a small sampling of situations that may be relevant to any given project. Each project is looked at on an individual basis to determine if any aspects of this rating category apply, and if so, to what severity level (minor or significant). The severity and extent of the problem, as it relates to Health, Safety and Welfare, MUST be fully detailed by the applicant and apparent to the rating team. The Support Staff will not attempt to determine these issues on its own. Without such detail the jurisdiction should expect a lower rating than the project may deserve.

Criterion 9 - *REGIONAL IMPACT*

Definitions:

MAJOR IMPACT - Roads: major multi-jurisdictional route, primary feed to an interstate, Federal Aid Primary routes; Underground: primary water or sewer main serving and entire system; Hydrants: multi-jurisdictional.

MODERATE IMPACT - Roads: principal thoroughfares, Federal Aid Urban routes; Underground: primary water or sewer main serving only part of a system; Hydrants: all hydrants in a local system serving only one jurisdiction.

MINIMAL/NO IMPACT - Roads: cul-de-sacs, subdivision streets; Underground: individual water or sewer main not part of a large system; Hydrants: only some hydrants in a local system serving only one jurisdiction.