

Public Works Commission

Application for Financial Assistance

Applicant: Jefferson Township Subdivision	on Code:	113-38738
District Number: 4 County: Montgomery Contact: Kaye Borchers (The individual who will be available during business hours and who can best answer or coordinate the response to questions)	Date:	08/31/2022
Contact: Kaye Borchers (The individual who will be available during business hours and who can best answer or coordinate the response to questions)	Phone:	(937) 497-0200
Email: <u>kmb@choiceoneengineering.com</u>	FAX:	
Project Name: Derby Road Reconstruction, Phase 2 (Kimmel to Infirmary)	Zip Cod	le: 45417
		Summary
(Select single largest component by \$)(Automatically populates fillTownshipx1. RoadTotal Project Cost:	rom page 2)	719,129.00
Township x 1. Road Total Project Cost: 2. Bridge/Culvert 1. Grant:		00
3. Water Supply 2. Loan:		250,000 .00
4. Wastewater 3. Loan Assista	ance/	0.00
5. Solid Waste Credit Enha	incement:	
6. Stormwater Funding Requested:		.00.500,000
(Select one) State Capital Improvement Program RLP Loan - Rate:% Term:Yrs Yrs Local Transportation Improvement Program Grant: ////////////////////////////////////	Amount: Amount: Amount:	.00 .00 .00 .00 .00
District SG Priority: Loan Assistance / Credit Enhancement:	Amount:	.00
For OPWC Use Only		
STATUS Grant Amount:00 Loan Ty	ире:	SCIP 🗌 RLP
Project Number:00 Date Co	onstruction	n End:
00 Date Ma	aturity:	······
Release Date: Local Participation: % Rate:		%
OPWC 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:59,000	00			
Construction Administration:0	00			
Total Engineering Services:	a.)	59,000	.00	<u> </u>
Right of Way:	b.)	0	.00	
Construction:	c.)	600,439	.00	
Permits, Advertising, Legal:	e.)	0	.00	
Construction Contingencies:	f.)	59,690	.00	
Total Estimated Costs:	g.)	719,129	.00	
1.2 Project Financial Resources				
Local Resources				
Local In-Kind or Force Account:	a.)	0	.00	
Local Revenues:	b.)	219,129	.00	
Other Public Revenues:				
Local / ODOT - Let:	d.)	0	.00	
OEPA / OWDA:	e.)	0	.00	
CDBG:	f.)		.00	
Other:	g.)	0	.00	
Subtotal Local Resources:	i.)	219,129	.00	<u> 30.5</u> %
OPWC Funds (Check all requested and enter Amount)				
Grant:50 % of OPWC Funds	j.)	250,000	.00	
Loan:50 % of OPWC Funds	k.)	250,000	.00	20 _{yrs}
Loan Assistance / Credit Enhancement:	l.)	0	.00	
Subtotal OPWC Funds:		500,000		<u>69.5</u> %
Total Financial Resources:	•	719,129		<u> 100 %</u>

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1.3 Availability of Local Funds

Attach a statement signed by the Chief Financial Officer listed in section 5.2 certifying all local resources 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

0.00 2.1 Total Portion of Project New / Expansion:

3.0 Project Schedule

3.1 Engineering / Design / Right of Way	Begin Date: 07/05/2023	End Date: <u>10/16/2023</u>
3.2 Bid Advertisement and Award	Begin Date: 11/13/2023	End Date: <u>12/13/2023</u>
3.3 Construction	Begin Date: 03/04/2024	End Date: 07/01/2024

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

Fallure 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

_1976 (Year built or year of last major improvement) Project Useful Life: <u>24</u> Years Age: _____ 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

2019 Current ADT 1400 Year Road or Bridge:

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

Residential Water Rate	Current \$	0	Number of households served:
Residential Wastewater Rate	Current \$	0	Number of households served:
itormwater:			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.

This project includes the reconstruction of Derby Road in Jefferson Township between Infirmary Road and Kimmel Lane for a distance of approximately 1,400 feet.

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

This rehabilitation project includes full depth reconstruction of the pavement and pavement base of Derby Road.

Storm sewer repair and

replacement will also be performed along the roadway, increasing the efficiency of the roadway's drainage to prevent flooding and preserve the asphalt pavement. Ditch regrading and updates will be performed as well to improve drainage flow.

Pavement markings will also be

replaced, and edge lines will be added, as edge lines do not currently exists, enhancing safety. A stop bar will be added at the intersection of Infirmary and Derby as well to enhance safety at this intersection. The existing facility is 24 feet wide with 12-foot travel lanes. The improved section will provide two 12-foot lanes with berm and ditch.

Other quantities include 1,051 c.y. of aggregate base, 64 feet of 36" storm sewer, 32 feet of 24" storm sewer, and 180 feet of 12" storm sewer. Additionally, 5 manholes will need to be adjusted to grade. These manholes are part of the Montgomery County Environmental Services sewer system. MCES and the County Engineer have been made aware of the project.

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:	Chrisondra Goodwine		
	Title:	Jefferson Township Administrator		
	Address:	580 Calumet Lane		
	City:	Dayton State:	он	Zip: <u>45417</u>
	Phone:	937-262-3591		
	FAX:			
	E-Mail:	cgoodwine@jeffersontwp.net		
5.2 Chief Financial Officer	(Can not a	lso serve as CEO)		
	Name:	Tracey M. Edwards		
	Title:			
	Address:	One Business Park Drive		
		· · · · · · · · · · · · · · · · · · ·		
	City:	Dayton State: C	эн_	Zip: <u>45417</u>
	Phone:	937-262-3591		
	FAX:			
	E-Mail:	traceyedwards@swohio.twbc.com		
5.3 Project Manager				
	Name:	Allan Heitbrink		
	Title:	Project Manager		
	Address:	440 E. Hoewisher Road		
	City:	Sidney State: C	DH_	Zip: <u>45365</u>
	Phone:	937-497-0200		
	FAX:			
	E-Mail:	ajh@choiceoneengineering.com		

6.0 Attachments / Completeness review

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

- X 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.
- X 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.
- X 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.

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), 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

BOARD OF TRUSTEES JEFFERSON TOWNSHIP, MONTGOMERY COUNTY, OHIO RESOLUTION NO. 22-077

A RESOLUTION AUTHORIZING THE TOWNSHIP ADMINISTRATOR TO PREPARE AND SUBMIT AN APPLICATION TO PARTICIPATE IN THE OHIO PUBLIC WORKS COMMISSION STATE CAPITAL IMPROVEMENT AND / OR LOCAL TRANSPORTATION IMPROVEMENT PROGRAM(S) AND TO EXECUTE CONTRACTS AS REQUIRED

The Board of Trustees of Jefferson Township, Montgomery County, Ohio, met in a special meeting on the 30th of August 2022 at 6:00 pm at the Township Offices located at 580 Calumet Lane, Dayton, Ohio, with the following members present:

Moved by Baacifk Second by McLaughlin for the adoption of the following Resolution:

WITNESSETH

WHEREAS, the State Capital Improvement Program and the Local Transportation Improvement Program both provide financial assistance to political subdivisions for capital improvements to public infrastructure, and

WHEREAS, Jefferson Township is planning to make capital improvements to Derby Road Reconstruction Phase 2, and

WHEREAS, the infrastructure improvement herein above described is considered to be a priority need for the community and is a qualified project under the OPWC programs, and

WHEREAS, attached to this Resolution is the project(s), and description(s) of the project(s), which will be directed to Choice One Engineering for making OPWC application for funding; and

WHEREAS, the \$219,129.00 local funds match will be placed in the Townships 2023 appropriated and encumbered budget, and

Fund	 Amount		Account Code
Gasoline Tax	\$ 109,564.50	2021-330-360-0603	(Contracted Services -Roadway Projects)
Road & Bridge	\$ 109,564.50	2031-330-360-0603	(Contracted Services -Roadway Projects)

WHEREAS, the \$250,000 loan amount will be paid out over a 20-year term. A portion of the loan will be paid from the Road Funds, Permissive Funds, and General Funds, and

WHEREAS, the Board of Trustees authorizes the Fiscal Officer to sign the Chief Financial Officer's Certification of Local Funds/Loan Repayment Letter, and

NOW, THEREFORE, the Jefferson Township Trustees authorize:

Section 1: The **Township Administrator**, **Dr. Chrisondra Goodwine**, is hereby authorized to apply to the OPWC for funds as described above.

Section 2: The **Township Administrator**, **Dr. Chrisondra Goodwine**, is authorized to enter into any agreements as may be necessary and appropriate for obtaining this financial assistance.

The vote was as follows:			
M. Michael McLau	ughlin	Sheila Back	
Ĭ	Yes No Abstain		Yes No Abstain
Adopted: 30 th day of August	2022		
Signer profile Me	Kaug Ll	Michael McLaughlin,	President
By: Mut a	ok .	Sheila K. Back, Trus	stee
Attest to Signatures: By: hacey Edu	vards	Tracey Edwards, Fis	cal Officer

CHIEF FINANCIAL OFFICER'S CERTIFICATION OF LOCAL FUNDS / LOAN REPAYMENT LETTER

Date: August 30, 2022

I, Tracey M. Edwards, Fiscal Officer of Jefferson Township, Montgomery County, Ohio, hereby certify that Jefferson Township, Montgomery County, has the amount of \$219,129.00 in the Road Funds, Permissive Funds, and General Funds and that this amount will be used to pay the local share for the Derby Road Reconstruction, Phase 2, when it is required.

Fund	Amount		Account Code
Gasoline Tax	\$ 109,564.50	2021-330-360-0603	(Contracted Services -Roadway Projects)
Road &		4	
Bridge	\$ 109,564.50	2031-330-360-0603	(Contracted Services -Roadway Projects)

I, Tracey M. Edwards, Fiscal Officer of Jefferson Township, Montgomery County, Ohio, hereby certify that Jefferson Township, Montgomery County has / will have / will collect the amount of \$250,000.00 in the Road Funds, Permissive Funds, and General Funds and that this amount will be used to repay the Ohio Public Works Commission SCIP or RLP loan requested for the Derby Road Reconstruction, Phase 2 over a 20-year term.

Tracey Edwards Tracey M. Edwards, Fiscal Officer

DERBY ROAD - PHASE 2 JEFFERSON TOWNSHIP

PRELIMINARY CONSTRUCTION ESTIMATE

	Reconstruction from Infirmary Road to Kimmel Lane (~1,400 ft.)				August 15, 2022
ITEM		UNIT OF	APPROX.	UNIT	,
NO.	DESCRIPTION	MEASURE	QTY.	PRICE	TOTAL
201	CLEARING AND GRUBBING	LUMP	1	\$23,500.00	\$23,500.00
202	REMOVED	LUMP	1	\$25,000.00	\$25,000.00
203	EXCAVATION INCLUDING EMBANKMENT CONSTRUCTION	C.Y.	1444	\$50.00	\$72,200.00
204	SUBGRADE COMPACTION	S.Y.	3860	\$2.00	\$7,720.00
204	EXCAVATION OF SUBGRADE AND STRUCTURAL EMBANKMENT	C.Y.	639	\$70.00	\$44,730.00
204	GEOGRID FOR SUBGRADE STABILIZATION	S.Y.	1950	\$6.00	\$11,700.00
254	1-1/2"± PAVEMENT PLANING, ASPHALT CONCRETE	S.Y.	134	\$30.00	\$4,020.00
304	AGGREGATE BASE	C.Y.	1051	\$80.00	\$84,080.00
407	TACK COAT, 0.06 GAL/S.Y.	GAL.	223	\$8.00	\$1,784.00
441	2-1/2" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE 2, (449)	C.Y.	263	\$315.00	\$82,845.00
441	1-1/2" ASPHALT CONCRETE SURFACE COURSE, TYPE 1, (449) PG 64-22	C.Y.	158	\$330.00	\$52,140.00
452	6" NON-REINFORCED CONCRETE PAVEMENT, CLASS QC-1P	S.Y.	45	\$95.00	\$4,275.00
611	4" CONDUIT, TYPE B, 707.45	FT.	100	\$40.00	\$4,000.00
611	6" CONDUIT, TYPE B, 707.45	FT.	100	\$45.00	\$4,500.00
611	8" CONDUIT, TYPE B, 707.45	FT.	100	\$50.00	\$5,000.00
611	12" STORM SEWER	FT.	180	\$120.00	\$21,600.00
611	24" STORM SEWER	FT.	32	\$200.00	\$6,400.00
611	36" STORM SEWER	FT.	64	\$250.00	\$16,000.00
611	TYPE 2-2B CATCH BASIN	EACH	4	\$2,500.00	\$10,000.00
611	SANITARY MANHOLE ADJUSTED TO GRADE	EACH	5	\$1,500.00	\$7,500.00
617	COMPACTED AGGREGATE BERM	C.Y.	7	\$300.00	\$2,100.00
	MAINTAINING TRAFFIC	LUMP	1	\$25,000.00	\$25,000.00
623	CONSTRUCTION LAYOUT STAKES AND SURVEYING	LUMP	1	\$10,000.00	\$10,000.00
	REMOVAL OF GROUND MOUNTED SIGN AND REERECTION	EACH	7	\$250.00	\$1,750.00
638	VALVE ADJUSTED TO GRADE	EACH	1	\$1,500.00	\$1,500.00
	CENTER LINE	MILE	0.26	\$6,500.00	\$1,690.00
	STOP LINE	FT.	26	\$20.00	\$520.00
	EDGE LINE	MILE	0.53	\$4,500.00	\$2,385.00
	SEEDING AND MULCHING, CLASS 1	S.Y.	1550	\$10.00	\$15,500.00
	EROSION CONTROL	EACH	1	\$10,500.00	\$10,500.00
	STORM WATER POLLUTION PREVENTION PLAN	LUMP	1	\$5,000.00	\$5,000.00
	WATER QUALITY STRUCTURE	EACH	1	\$30,000.00	\$30,000.00
SPEC	MAILBOX REMOVED AND RESET	EACH	11	\$500.00	\$5,500.00
	SUBTOTAL				\$600,439.00
	CONTINGENCY			_	\$59,690.00
	CONSTRUCTION SUBTOTAL			_	\$660,129.00
1		A Station and	Lan selfer i		and the state of the
	ENGINEERING FEES				\$59,000.00

TOTAL PROJECT COST



We make no warranty, express or implied, that the actual construction cost of the work associated with these estimated quantities and costs will not vary. The cost reflects our opinion of current probable construction cost.

Allan J. Heitbrink, P.E., PTOE

2022 8

С PRUM ALLAN J. HEITBRINK E-82274 SEAL: ON minn

\$719,129.00

A weighted useful life statement stamped/sealed and signed by a licensed professional engineer must be included with the project application.

This spreadsheet has formulas to make a weighted useful life calculation and is populated with an example for illustrative purposes. Items can be added to column a.

Derby Road Phase 2 - Jefferson Township Weighted Useful Life & Design Service Capacity Calculations

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 Partial-depth road	442.19	100	44219	25 25	11054.75
construction w/ drainage Partial-depth road	150.249	100	15024.9	15	2253.735
construction w/o drainage Storm Sewers Sanitary Sewers Water Lines Bridge Pumps, Lift Stations Sidewalks Bike Facility	67.69	100	6769	15 40 40 75 15 25 7	2707.6

Totals	660.129	66012.9	16016.09
Weighted Useful Life:	24.3 Years		
		- 21	

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

Allan J. Heitprink, P.E., PTOE

2022 31 Date



OHIO PUBLIC WORKS COMMISSION DISTRICT 4

Round 2022-2023 Supplemental Questionnaire

Applicant:

Project Title:

Application Summary:

Briefly describe the project:

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, 2023? (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?

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

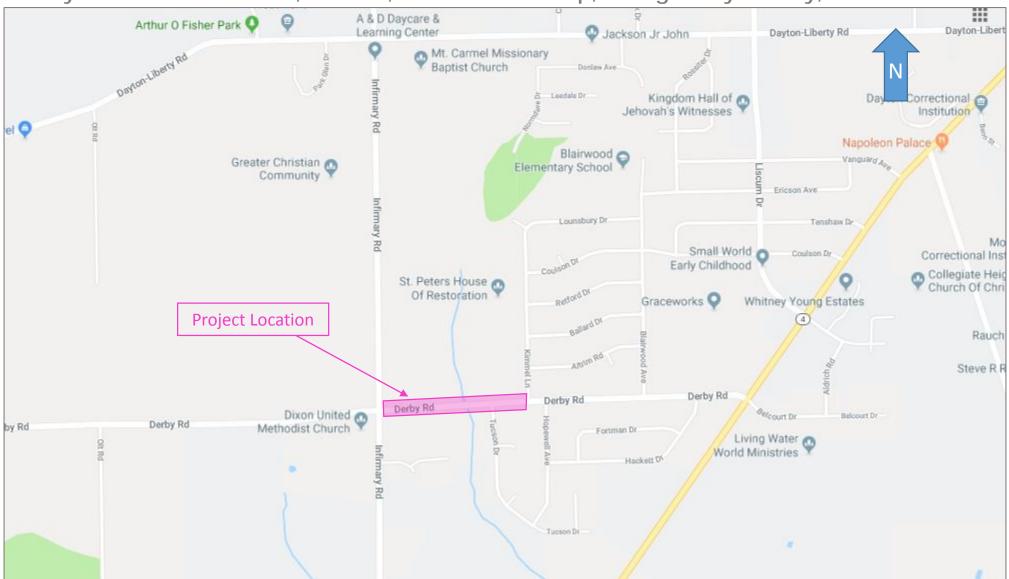
How many jobs are being created as a result of this project?		
How many jobs will be retained as a result of this project?		
Why is it necessary to fund this improvement to secure this development?		
What type of industry is proposed in this development?		

Relieve Existing Traffic Congestion:

What is the level of service?	
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Other Factors

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



Derby Road Reconstruction, Phase II, Jefferson Township, Montgomery County, Ohio

Jefferson Township

Derby Road Reconstruction, Phase 2

August 2022

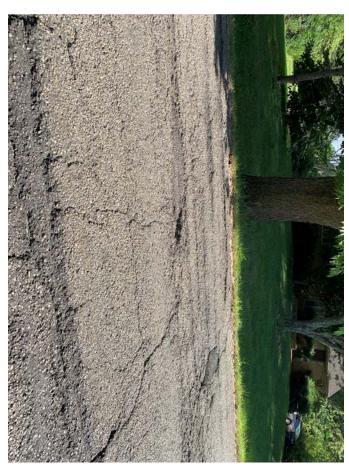


Jefferson Township

Derby Road Reconstruction, Phase 2

August 2022

















Date August 13, 2019

Subject

Derby Road ADT Certification Jefferson Township, Montgomery County, Ohio

Based on traffic counts completed by Choice One Engineering on Tuesday August 6, 2019 (attached), Leerlify the following ADT is accurate:

• Derby Road ADT – 1,400

MAK Dut M \$/13/19 SEAL:

Michael K. Goettemoeller, P.E., PTOE Project Manager

Date



W. Central Ohio/E. Indiana 440 E. Hoewisher Rd. Sidney, OH 45365 937.497.0200. Phone

S. Ohio/N. Kentucky 8956 Glendale Milford Rd., Suite 1 Loveland, OH 45140 513.239.8554 Phone



www.CHOICEONEENGINEERING.com

Study Name Derby Road ADT Start Date 08/06/2019 Start Time 12:00 AM Site Code

Direction

Channel

Channel	Direction	Direction
Direction	Westbound	Eastbound
12:00 AM	6	4
12:15 AM	2	1
12:30 AM 12:45 AM	1	2
1:00 AM	3 6	6
1:15 AM	2	1
1:30 AM	1	2
1:45 AM	1	1
2:00 AM	2	2
2:15 AM	1	1
2:30 AM	0	0
2:45 AM	0	0
3:00 AM	0	1
3:15 AM	1	0
3:30 AM	0	0
3:45 AM 4:00 AM	0	2
4:15 AM	0	0
4:30 AM	0	2
4:45 AM	0	2
5:00 AM	2	1
5:15 AM	Ō	7
5:30 AM	2	6
5:45 AM	4	1
6:00 AM	1	5
6:15 AM	3	6
6:30 AM	5	9
6:45 AM	0	12
7:00 AM 7:15 AM	8	5
7:15 AM 7:30 AM	3 4	13 12
7:45 AM	4	12
8:00 AM	8	13
8:15 AM	9	6
8:30 AM	10	9
8:45 AM	9	9
9:00 AM	5	8
9:15 AM	10	7
9:30 AM	5	6
9:45 AM	8	6
10:00 AM	4	13
10:15 AM	6	12
10:30 AM 10:45 AM	9	5
11:00 AM	9	9
11:15 AM	10	1
11:30 AM	14	10
11:45 AM	8	10
12:00 PM	14	9
12:15 PM	6	7
12:30 PM	8	9
12:45 PM	9	11
1:00 PM	12	6
1:15 PM	6	15
1:30 PM	13	8
1:45 PM 2:00 PM	12	10 10
2:15 PM	8	10
2:30 PM	11	10
2:45 PM	14	14
3:00 PM	12	13
3:15 PM	16	12
3:30 PM	8	12
3:45 PM	11	12
4:00 PM	14	9
4:15 PM	15	12
4:30 PM	17	14
4:45 PM 5:00 PM	14	10 6
5:00 PM 5:15 PM	11	6 16
5:30 PM	13	16
5:45 PM	15	17
6:00 PM	18	7
6:15 PM	12	8
6:30 PM	16	10
6:45 PM	13	10
7:00 PM	12	18
7:15 PM	9	18
7:30 PM	13	6
7:45 PM	8	10
8:00 PM 8:15 PM	11 10	11 5
8:30 PM	8	5
8:45 PM	16	6
9:00 PM	14	13
9:15 PM	9	9
9:30 PM	11	4
9:45 PM	5	9
10:00 PM	4	2
10:15 PM	9	3
10:30 PM	5	4
10:45 PM	4	1
11:00 PM	3	2
11:15 PM 11:30 PM	1 5	1
11:30 PM 11:45 PM	4	5
Directional Total	702	698
ADT		00