



NOTICE

MEETING LOCATION AND TIME

CHANGE

Meeting of the Connect Transit Board of Trustees will held at 11 Uptown Station, Normal, IL

61761 in the Ron Hill Room, 3rd Floor

September 23, 2014

3:30 P.M.



AGENDA

Meeting of the Connect Transit Board of Trustees

September 23, 2014

3:30 P.M.

**Ron Hill Room
3rd Floor**

Uptown Station

11 Uptown Circle, Normal, IL 61761

- A. Call to Order
- B. Roll Call
- C. Public Comments
- D. Consent Agenda
 - 1. Approval of Minutes of Previous Meeting of August 26, 2014 and Executive Session Minutes of July 22, 2014.
 - 2. Disbursements for Month of August, 2014
 - 3. Financial Report for Months of July, 2014 and August 2014
 - 4. Capital and Self Insurance Reserve Fund Balances for month of August, 2014
- E. Old Business
- F. New Business
 - 1. Compressed Natural Gas (CNG) Presentation Energy Systems Group
 - 2. Recommendation for Medical Exam, Drug and Alcohol Testing
 - 3. Bus Procurement Presentation Isaac Thorne, Procurement Director
- G. General Manager
- H. Trustee
- I. Executive Session ILCS 120/2(c)(1) Personnel Matters
- J. Adjournment



July 2014

Financial Reports

**Bloomington Normal Public Transit
Balance Sheet**

Fiscal Year: 2015 Period 1 July - 2014

Division: 99 Board Reports

As of: 07/31/2014

Assets

Current Assets

Checking and Savings	\$4,292,077.79
Accounts Receivable	\$4,927,520.53
Inventory Asset - Fuel	\$69,605.05
Inventory Asset - Parts	\$156,048.69
Inventory Asset - Tires	\$0.00
Other Current Assets	<u>\$208,105.58</u>

Total Current Assets **\$9,653,357.64**

Fixed Assets \$12,938,720.68

Total Assets \$22,593,078.32

Liabilities & Equity

Liabilities

Accounts Payable	\$250,880.55
Payroll Liabilities	\$670,273.64
Contracts	\$5,270.84
Due to Illinois Funds Account	\$2,980,249.22
Deferred Revenue	\$96,743.96
Deficit Funding Advance	<u>\$0.00</u>

Total Liabilities **\$4,002,418.21**

EQUITY

Fixed Asset Equity	\$12,483,532.77
Unreserved Fund Equity	\$6,750,412.62
Underground Petroleum Storage	<u>\$20,000.00</u>

Total Equity **\$19,253,945.39**

Retained Earnings (\$663,285.28)

Total Liabilities & Equity \$22,593,078.32

Bloomington Normal Public Transit Income Statement With Approved Budget

Fiscal Year: 2015	Period 1	Division: 98 Operating Profit/Loss		As of: 07/31/2014		
		July - 2014	Jul-2014 Thru Jul-2014	Year To Date	Approved Budget	
Operating Revenue						
Passenger Fares		\$70,453.02	8.82%	\$70,453.02	8.92%	\$790,000.00
ISU Contract Fare		\$41,250.00	8.33%	\$41,250.00	8.33%	\$495,000.00
Other Contract Fares		\$11,054.16	8.19%	\$11,054.16	8.19%	\$135,000.00
Advertising Revenue		\$0.00	0.00%	\$0.00	0.00%	\$45,000.00
Miscellaneous Revenue		\$403.84	1.87%	\$403.84	1.87%	\$21,650.00
Total Operating Revenue		\$123,161.02	8.28%	\$123,161.02	8.28%	\$1,486,650.00
Operating Expenses						
Operators Wages		\$330,896.87	7.78%	\$330,896.87	7.78%	\$4,250,500.00
Maintenance Wages		\$69,109.87	7.07%	\$69,109.87	7.07%	\$977,500.00
Administration Wages		\$59,410.72	6.37%	\$59,410.72	6.37%	\$932,500.00
Employer Payroll Tax Expense		\$34,570.88	6.96%	\$34,570.88	6.96%	\$496,410.00
Retirement Plan		\$18,330.71	6.50%	\$18,330.71	6.50%	\$282,000.00
Group Insurance		\$77,705.07	8.34%	\$77,705.07	8.34%	\$931,440.00
Uniform Expense		\$2,631.88	9.33%	\$2,631.88	9.33%	\$28,200.00
Professional Services		\$4,760.00	4.83%	\$4,760.00	4.83%	\$98,500.00
Outside Repair-Labor		\$8,340.94	13.16%	\$8,340.94	13.16%	\$63,400.00
Contract Maintenance Services		\$5,552.50	5.30%	\$5,552.50	5.30%	\$104,750.00
Custodial Services		\$410.00	7.74%	\$410.00	7.74%	\$5,300.00
Employee Recruiting/Testing/Temp Help		\$863.95	4.12%	\$863.95	4.12%	\$20,975.00
Fuel		\$89,375.60	7.09%	\$89,375.60	7.09%	\$1,260,148.00
Lubricants		\$867.25	4.34%	\$867.25	4.34%	\$20,000.00
Tires		\$5,972.02	6.38%	\$5,972.02	6.38%	\$93,667.00
Bus Repair Parts		\$15,766.74	14.33%	\$15,766.74	14.33%	\$110,000.00
Other Materials & Supplies		\$3,828.81	6.84%	\$3,828.81	6.84%	\$56,000.00
Shelters/Signs/Shop Tools		\$463.49	1.31%	\$463.49	1.31%	\$35,300.00
Computer and Office Supplies		\$15,219.19	12.68%	\$15,219.19	12.68%	\$120,000.00
Utilities		\$8,480.81	7.70%	\$8,480.81	7.70%	\$110,200.00
Corporate Insurance		\$17,728.53	7.27%	\$17,728.53	7.27%	\$243,800.00
Dues/Subscriptions/Fees		\$8,597.00	27.98%	\$8,597.00	27.98%	\$34,300.00
Printing/Marketing/Training		\$30,104.34	13.15%	\$30,104.34	13.15%	\$229,000.00
Total Operating Expenses		\$809,987.17	7.71%	\$809,987.17	7.71%	\$10,504,000.00
Operating Assistance						
Operating Deficit		(\$586,826.15)	7.62%	(\$586,826.15)	7.62%	(\$9,017,350.00)
Illinois Downstate Operating Assistance		\$525,386.00	7.70%	\$525,386.00	7.70%	\$6,827,500.00
FTA 5307 Operating Assistance		\$154,266.00	7.04%	\$154,266.00	7.04%	\$2,189,750.00
Total Operating Assistance		\$679,652.00	7.54%	\$679,652.00	7.54%	\$9,017,350.00



August 2014

Financial and Statistical Reports

Disbursements to be Approved
September 23, 2014

Payee	Goods Purchased	Amount
A.T.U. - C.O.P.E.	Payroll Deduction	\$ 192.18
Aaron Sullivan	Mileage Reimbursement	\$ 5.94
ABC Bus Companies	Bus Parts	\$ 975.74
Advocate Medical Group	Drug Testing	\$ 343.00
Airgas USA, LLC	Welding Supplies	\$ 169.47
Ally	Car Lease	\$ 82.00
Amalgamated Transit Union Local 752	Payroll Deduction	\$ 5,126.00
AmerenIP	Electric Charges	\$ 407.56
American Solutions for Business	Office Supplies	\$ 159.12
Ancel, Glink, Diamond, Bush, DiCianni &	Legal Service	\$ 300.00
Andrew Johnson	Car Allowance	\$ 500.00
Assurance Agency, Ltd.	Insurance	\$ 21,634.00
Barker Motor Co.	Bus Parts	\$ 116.19
BlueLine Rental	Equipment Rental	\$ 637.50
Bob Hawthorne	Uniform Reimbursement	\$ 20.00
Brinks US	Armored Services	\$ 261.12
Carl Rokos	Insurance Reimbursement	\$ 18.74
Carrot-Top Industries, Inc.	Flags	\$ 132.90
Cavalry Portfolio Services, LLC	Payroll Deduction	\$ 558.00
CDS Office Technologies	Office Supplies	\$ 394.14
Central Illinois Regional Broadband Netw	Internet	\$ 347.84
Central Illinois Trucks Inc.	Bus Parts	\$ 815.81
Christy Gordon	Uniform Reimbursement	\$ 135.55
City of Bloomington	Utilites	\$ 560.06
Clark Baird Smith, LLP	Legal Service	\$ 1,302.50
CliftonLarsonAllen LLP	Audit Services	\$ 8,915.00
Comcast Cable	Internet	\$ 137.34
CommunityLink	Business Listing	\$ 329.00
Cummins Crosspoint	Bus Parts	\$ 419.61
David Calhoon	Insurance Reimbursement	\$ 12.28
Dish Network	Television Service	\$ 120.00
DOS Bone Student Center	Tent at ISU Festival	\$ 130.00
Employee	Medical Reimbursement	\$ 581.84
Employee	Medical Reimbursement	\$ 1,350.00
Engraving Express	Name Tags	\$ 323.50
Evergreen FS	Fuel	\$ 93,760.86
Fastenal Company	Bus Parts	\$ 989.41
Fleet-Net Corporation	Software & Tech Support	\$ 1,405.00
Four Seasons Association	Payroll Deduction	\$ 495.00
Frontier	Telephone	\$ 1,031.63
G&K Services	Cleaning Uniforms & Rugs	\$ 854.51
GE Capital C/O Ricoh USA Program	Copiers	\$ 516.00

Gillig LLC	Bus Parts	\$	2,880.10
Great Plains Media	Radio Advertising	\$	4,088.00
Hanson Industrial, Inc.	Shop Tools	\$	285.48
Harmony Business Supplies	Office Supplies	\$	194.66
Health Alliance Medical Plans	Insurance	\$	80,931.00
Henson Disposal	Garage Overhead	\$	164.50
Heritage Machine & Welding, Inc.	Bus Parts	\$	32.80
ICMA Retirement Trust - 457	Pension Plan	\$	42,143.62
Idaho Child Support Recepting	Payroll Deduction	\$	190.00
ILARC	Conference	\$	225.00
Illinois Department of Revenue	Payroll Deduction	\$	20,697.58
Illinois State Disbursement Unit	Payroll Deduction	\$	1,707.44
Inter-City Supply Company	Office Supplies	\$	53.97
Isaac Thorne	Education Reimbursement	\$	825.00
John H. Germeraad, Trustee	Payroll Deduction	\$	960.00
Joupperi Design	Decals	\$	1,498.08
Ka Lin Aucutt	Uniform Reimbursement	\$	139.85
Lee Enterprises - Central Illinois	Employment Advertising	\$	1,378.65
Lincoln National Life Insurance Co.	Dental Insurance	\$	3,054.74
MCS Office Technologies	Web Site Hosting	\$	35.00
Midwest Equipment II	Lawn Maintenance Equipment	\$	74.01
Miller Janitor Supply	Maintenance Supplies	\$	919.50
Minerva Promotions	Uniforms	\$	2,874.77
Morris Avenue Garage	State Bus Testing	\$	280.00
Mutual of Omaha	Life, AD&D,STD & LTD	\$	7,040.99
Napa Auto Parts	Bus Parts	\$	197.60
NMHG Financial Services	Sweeper Lease	\$	813.63
Oberlander Alarm Systems, Inc.	Security Alarm Serv Fee	\$	197.00
Orkin Pest Control	Pest Control	\$	81.00
Pantagraph	Subscription	\$	129.60
Pat Boylan	Uniform Reimbursement	\$	20.00
Payroll - Net		\$	317,046.51
Petty Cash	Reimbursement	\$	27.77
Piercy Auto Body	Bus Repair	\$	2,332.38
Pinnacle Door	Door Repair	\$	2,901.05
PIP	Printing	\$	138.48
Premier Print Group	Rider Guides	\$	3,012.00
Ricoh USA, INC	Copier	\$	246.17
Roy Rickert	Travel Expense Reimbursement	\$	158.48
Seico, Inc	Software	\$	1,485.00
Select Screen Prints and Embroidery	T-Shirts	\$	798.00
Shelly Beutow	Insurance Reimbursement	\$	11.84
Sonia Fraley	Uniforms	\$	64.64
Southland Printing Co.	Printing	\$	1,263.36
Southtown Wrecker Service, Inc.,	Towing	\$	95.00
Staples	Office Supplies	\$	328.94
Steve Stockton	Travel Expense Reimbursement	\$	225.72

Sylvia Ventura	Insurance Reimbursement	\$	11.84
The Copy Shop	Printing	\$	34.00
Think Graphic Design	Graphic Design Service	\$	1,095.86
Thomas Larson	Uniforms	\$	65.17
Truck Centers, Inc.	Bus Parts	\$	7,760.66
U.S. Postal Service	Stamps	\$	266.00
Verizon Wireless	Mobile Data Terminals for SS	\$	655.11
Visa - Commerce Bank	Travel & Meetings	\$	4,286.99
Visa - Commerce Bank	Computer Hrdwr	\$	112.86
Visa - Commerce Bank	Safety/Training	\$	72.21
Visa - Commerce Bank	Advertising Employment	\$	183.10
Visa - Commerce Bank	Dues	\$	373.00
Visa - Commerce Bank	Bus Parts	\$	125.68
Visa - Commerce Bank	Shipping	\$	12.66
Visa - Commerce Bank	Shop Tools	\$	238.01
Visa - Commerce Bank	Employee Recognition	\$	116.36
VSP Of Illinois	Vision Insurance	\$	498.42
Wherry Machine and Wellding, Inc	Equipment Repair	\$	89.49
Winkle Environmental Service	Cleaner	\$	85.00
			<hr/>
Total Operating		\$	666,897.67

Capital Account

Gillig LLC	Transmission	\$	8,990.54
P. J. Hoerr, INC.	Generator	\$	36,768.00
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Total Capital		\$	45,758.54
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Total		\$	712,656.21
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**Bloomington Normal Public Transit
Balance Sheet**

Fiscal Year: 2015 Period 2 August - 2014 Division: 99 Board Reports As of: 08/31/2014

Assets

Current Assets

Checking and Savings	\$4,349,456.66
Accounts Receivable	\$5,064,822.15
Inventory Asset - Fuel	\$41,040.68
Inventory Asset - Parts	\$170,598.21
Inventory Asset - Tires	\$0.00
Other Current Assets	\$169,296.59

Total Current Assets \$9,795,214.29

Fixed Assets \$12,939,720.68

Total Assets \$22,734,934.97

Liabilities & Equity

Liabilities

Accounts Payable	\$352,970.92
Payroll Liabilities	\$634,349.05
Contracts	\$4,216.68
Due to Illinois Funds Account	\$2,980,249.22
Deferred Revenue	\$95,186.46
Deficit Funding Advance	\$0.00

Total Liabilities \$4,066,972.33

EQUITY

Fixed Asset Equity	\$12,483,532.77
Unreserved Fund Equity	\$6,750,412.62
Underground Petroleum Storage	\$20,000.00

Total Equity \$19,253,945.39

Retained Earnings (\$585,962.75)

Total Liabilities & Equity \$22,734,934.97

Bloomington Normal Public Transit Income Statement With Approved Budget

Fiscal Year: 2015 Period 2

Division: 98 Operating Profit/Loss

As of: 08/31/2014

	Jul-2014 Thru Aug-2014 Year To Date		Approved Budget	
	August - 2014	%	%	%
Operating Revenue				
Passenger Fares	\$64,642.54	8.18%	\$135,095.56	17.10%
ISU Contract Fare	\$41,250.00	8.33%	\$62,500.00	16.67%
Other Contract Fares	\$11,054.16	8.19%	\$22,108.32	16.38%
Advertising Revenue	\$0.00	0.00%	\$0.00	0.00%
Miscellaneous Revenue	\$367.90	1.70%	\$771.74	3.56%
Total Operating Revenue	\$117,314.60	7.89%	\$240,475.62	16.18%
Operating Expenses				
Operators Wages	\$344,069.31	8.09%	\$674,966.18	15.88%
Maintenance Wages	\$68,148.84	6.97%	\$137,298.71	14.04%
Administration Wages	\$60,006.29	6.43%	\$119,417.01	12.81%
Employer Payroll Tax Expense	\$35,305.97	7.11%	\$69,676.85	14.08%
Retirement Plan	\$16,200.88	5.74%	\$34,531.59	12.25%
Group Insurance	\$74,562.58	8.01%	\$152,267.65	16.35%
Uniform Expense	\$9,038.55	32.05%	\$11,670.44	41.36%
Professional Services	\$12,017.50	12.19%	\$16,777.50	17.02%
Outside Repair-Labor	\$3,775.71	5.95%	\$12,116.65	19.11%
Contract Maintenance Services	\$5,256.61	5.02%	\$10,809.11	10.32%
Custodial Services	\$245.50	4.63%	\$655.50	12.37%
Employee Recruiting/Testing/Temp Help	\$1,984.75	9.46%	\$2,848.70	13.56%
Fuel	\$99,974.68	7.93%	\$189,350.28	15.03%
Lubricants	\$764.40	3.82%	\$1,631.65	8.16%
Tires	\$6,291.02	6.72%	\$12,263.04	13.09%
Bus Repair Parts	\$6,321.25	5.75%	\$22,087.99	20.06%
Other Materials & Supplies	\$3,273.07	5.84%	\$7,101.88	12.68%
Shelters/Signs/Shop Tools	\$794.50	2.25%	\$1,257.99	3.66%
Computer and Office Supplies	\$2,245.90	1.87%	\$17,465.09	14.55%
Utilities	\$7,638.62	6.93%	\$16,119.43	14.63%
Corporate Insurance	\$17,579.16	7.21%	\$35,307.69	14.48%
Dues/Subscriptions/Fees	\$1,327.60	3.87%	\$10,924.60	31.85%
Printing/Marketing/Training	\$17,293.12	7.55%	\$47,397.46	20.70%
Total Operating Expenses	\$794,115.82	7.56%	\$1,604,102.99	15.27%
Operating Assistance				
Operating Deficit	(\$676,801.22)	7.51%	(\$1,363,627.37)	15.12%
Illinois Downstate Operating Assistance	\$516,175.00	7.56%	\$1,041,561.00	15.26%
FTA 5307 Operating Assistance	\$159,232.00	7.23%	\$312,458.00	14.27%
Total Operating Assistance	\$674,407.00	7.48%	\$1,354,059.00	15.02%
Net Operating Profit/Loss			\$10,504,000.00	\$9,017,350.00

Connect Transit
Local Capital and Self-Insurance Fund Balance
August 2014

<u>Self-Insurance Fund:</u>	<u>The Illinois Funds- Cash Balance</u>	
08/01/14	Beginning Balance	\$ 106,847.69
08/31/14	Additions - Interest Income	\$ 1.08
08/31/14	Ending Balance	<u>\$ 106,848.77</u>

<u>Local Capital Reserve:</u>	<u>The Illinois Funds- Cash Balance</u>	
08/01/14	Beginning Balance	\$ 2,086.86
08/31/14	Additions - Interest Income	\$ 0.02
08/31/14	Ending Balance	<u>\$ 2,086.88</u>

<u>Local Capital</u>	<u>Commerce Bank - Cash Balance</u>	
08/01/14	Beginning Balance	\$ 2,968,381.63
08/14/14	Deposit - Normal	\$ 32,611.04
08/31/14	Additions - Interest Income	\$ 355.87
08/31/14	Ending Balance	<u>\$ 3,001,348.54</u>

<u>FTA & IDOT Capital</u>	<u>The Illinois Funds- Cash Balance</u>	
08/01/14	Beginning Balance	\$ 43,598.64
08/31/14	Additions - Interest Income	\$ 0.44
08/31/14	Ending Balance	<u>\$ 43,599.08</u>

Total Reserve Capital Account \$ 3,047,034.50

Breakdown of the Local Capital Reserve Fund- Cash Balance:

Local Capital #1	Local Capital #2
\$ 43,599.08	\$ 3,003,435.42

Breakdown of Local Funding in Local Capital #2 (Earmarked Funds):

	<u>FY15 Received</u> 8/31/2014	<u>FY15 Receivable</u> 8/31/2014
Bloomington	\$ 51,151.11	\$ 47,085.71
Normal	\$ 70,509.22	\$ -
Total YTD	<u>\$ 121,660.33</u>	<u>\$ 47,085.71</u>

Local Capital Reserve Fund Balance - Account Value

08/31/14	Cash Balance	\$ 3,047,034.50
08/31/14	Loans to Operating	\$ 2,980,249.22
08/31/14	Reserve fund for underground storage tank (Cap. I)	\$ (40,000.00)
08/31/14	Ending Balance	<u>\$ 5,987,283.72</u>
Local Capital #1	Local Capital #2	
\$ 3,599.08	\$ 5,983,684.64	



**Energy Systems Group
CNG Overview Presentation
Connect Transit
September 23, 2014**



ESG at a Glance

- Award Winning, Full-Service ESCO; NAESCO-Accredited
- Founded in 1994; Subsidiary of Vectren Corporation (NYSE: VVC)
- Developed over \$1.4 billion in projects for over 300 customers
- 240 Employees in 22 States
- Licensed to do Business in 43 States, the Virgin Islands, and Puerto Rico
- Engineering-Based Company; Product Independent/Vendor Neutrality
- Diverse renewable energy and waste to energy solutions
- Leading team of specialized energy engineers, construction managers and business developers



www.naesco.org

Performance Contracting – Business Model

- Design-build construction process for the installation of new energy efficient building systems, where savings from operation budgets are used to finance the capital improvements.

BEFORE IMPROVEMENTS



AFTER IMPROVEMENTS



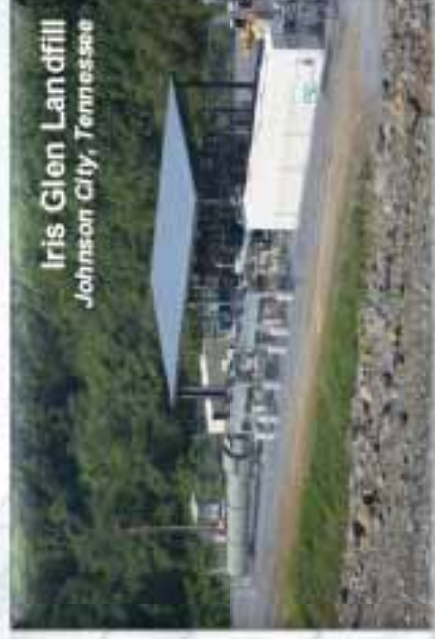
ESG Helps Customers

- Rebuild aging infrastructure
- Modernize fleets
- Become energy efficient
- Improve sustainability
- Lower greenhouse gas emissions
- Reduce carbon footprints
- **BECOME GREEN**



Renewable Energy

- Design, build and operations in biogas arena – focus on landfill gas and anaerobic digesters. Expertise in renewable energy (solar, wind, geothermal)



Clean Abundant and Economical Natural Gas / CNG



Compressed Natural Gas

Why CNG?

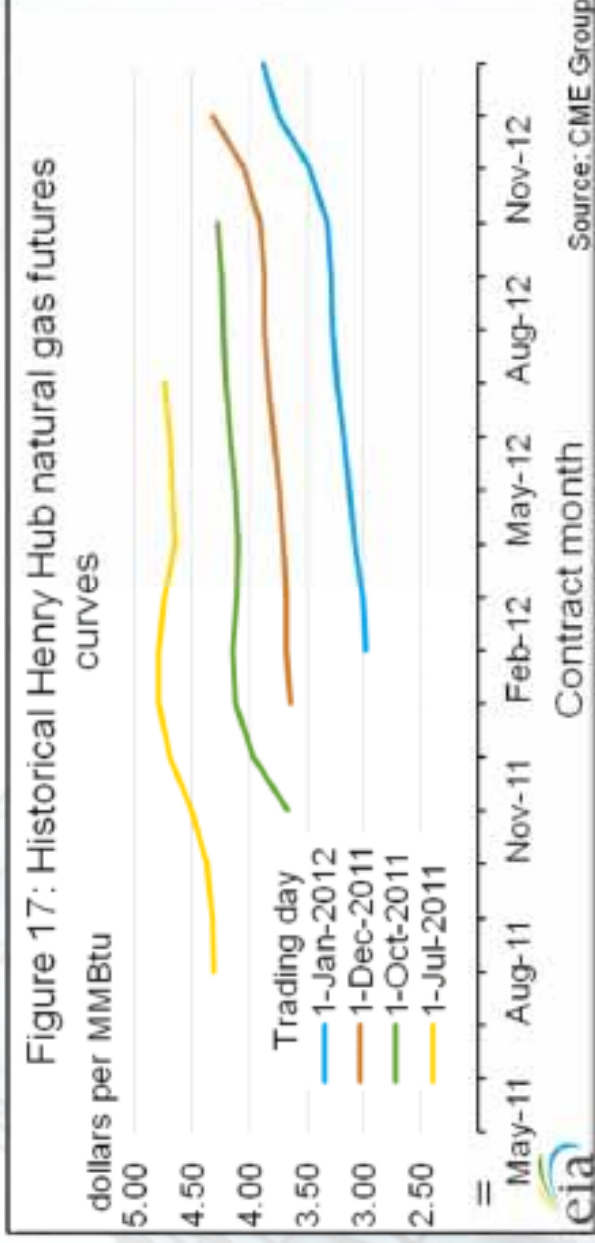
- Economical & Sustainable Alternative to Diesel
- Reliable and Proven Technology

Station Design - Fast Fill/Time Fill

- Examples / Photos
- Construction

Questions

Projected Natural Gas Prices



Natural gas working inventories continue to set new record highs and ended December 2011 at an estimated 3.5 trillion cubic feet (Tcf), about 12 percent above the same time last year. EIA's average 2012

Henry Hub natural gas spot price forecast is \$3.53 per million British thermal units (MMBtu), a decline of almost \$0.50 per MMBtu from the 2011 average spot price. EIA expects that Henry Hub spot prices will average \$3.60 per MMBtu in 2013

Why CNG? – Economical Alternative to Diesel/Gasoline

- CNG cost \$2.00 - \$3.00 less than diesel nationwide
- Cut out the middle man
- Sustainable pricing and supply
- Reasonable long term locks
- Domestic production with 100-150 year supply and growing

Transmission Line Fee	0.21
Maintenance Cost	0.15
Electricity	0.15
Natural Gas Cost (\$4.00 MMBTU/there are 7.19DGE per MMBTU) \$4.40 (with broker fees)	0.62
Total Cost per DGE	1.23
State Road Tax (0-.35) varies by state	0.00
Federal Excise Tax	0.21
Total Cost without rebate	1.44

What About Diesel Vehicles?

New vehicles can be ordered with Heavy Duty CNG engines. CNG up-charges range from \$20,000 to \$60,000 each.

Examples:

Medium Duty Units, i.e. F-350 and F 550

Fuel	Cost	MPG
Diesel	\$110,000	8.0
CNG	\$130,000	7.2 (DGE)

Heavy Duty Unit (Pass Bus)

Fuel	Cost	MPG
Diesel	\$400,000	4.3
Diesel Hybrid	\$600,000	5.9
CNG	\$450,000	3.9 (DGE)

Refuse Hauler

Fuel	Cost	MPG
Diesel	\$200,000	2.8
CNG	\$250,000	2.1 (DGE)

Does CNG Make Sense For Us?

Year 5 / Cash Flow Example

CNG Station (215,234 DGE)*	\$2,900,000 (Budget)
Fuel Savings	\$ 348,680
Public Use**	\$ 72,000
O/M Cost	\$ 27,061
Debt Service (15yr)	\$ <u>258,402</u>
Excess Savings	\$ 135,217

* T/C Spreadsheet

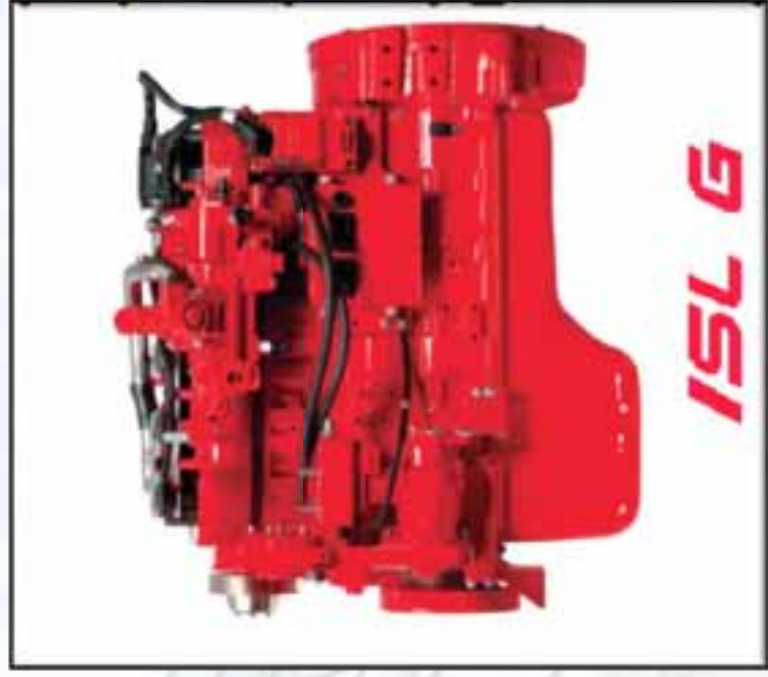
**200 DGE's / day @\$2.50 / per DGE

Engine Technology

- Technology is the best available for alternate fuels – Economics work!
- Good for the environment
- Good for the economy
- Sustainable
- Maintenance/Reliability

Why CNG?

- **Reliable and Proven Technology**
 - Engines show equal to improved life cycle costs over diesel.
 - Maintenance is similar to diesel. 85% of the engine components are the same as diesel.
 - CNG tank systems have a 20 year life design.
 - No DPF on exhaust and no required DEF additives to comply with emission standards
 - 20,000 Cummins Westport CNG Engines in Service since mid 2000.



CNG Fuel System Components



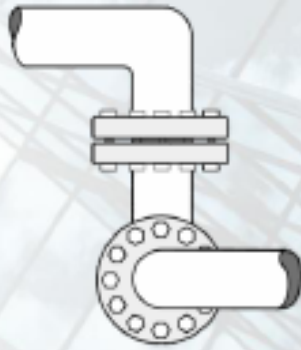
CNG Station Review



Fast Fill

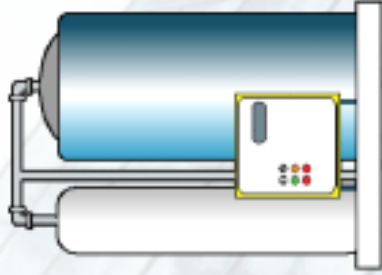
- CNG is metered and dispensed similar to ordinary liquid fuel dispensers.
- Fast filling requires about the same time as fueling with conventional fuel.
- Fast-fill systems can incorporate a credit card reader for authorizing, dispensing, and billing the transaction.
- Public-access CNG stations can be unmanned and open to the public 24/7.
- Requires less space for construction and dispensing.
- Can be used in conjunction with a time-fill system or added to an existing time-fill system at a later date.

Fast-Fill Station Overview



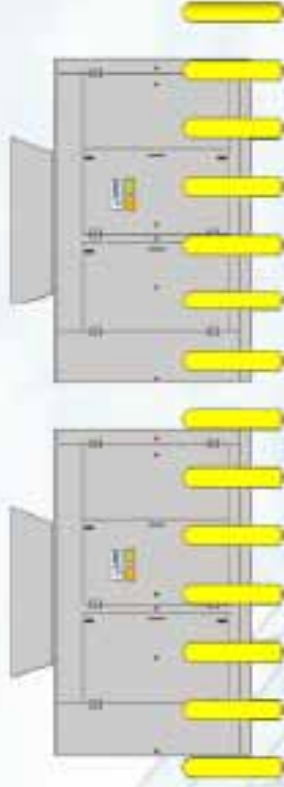
UTILITIES:

Gas and electricity is provided by local utilities to the station.



GAS DRYER:

Equipment samples the gas for moisture, pressure, and impurities.



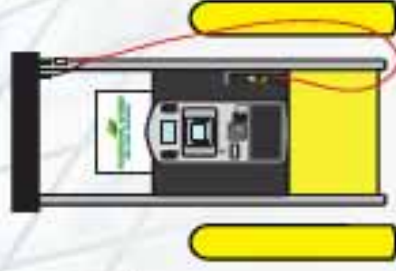
COMPRESSORS:

Gas is then sent to either single or dual compressors, where the natural gas is compressed from inlet pressures of ~6-to-1,000 psi up to 4,500 psi. Each compressor is completely redundant in its operation to ensure maximum uptime in the event of maintenance.



CASCADE TANK CONFIGURATION:

Cascade storage tanks provide additional storage of compressed gas, allowing more vehicles to be fueled before compressors need to be activated. This reduces the work load on the compressors and reduces maintenance costs over time.



FAST-FILL DISPENSER

The compressed gas is then sent through stainless steel lines to fast-fill dispenser, similar to what you would see at any commercial fueling station. Dispensers can be configured to accept all major credit cards and commercial fuel cards.

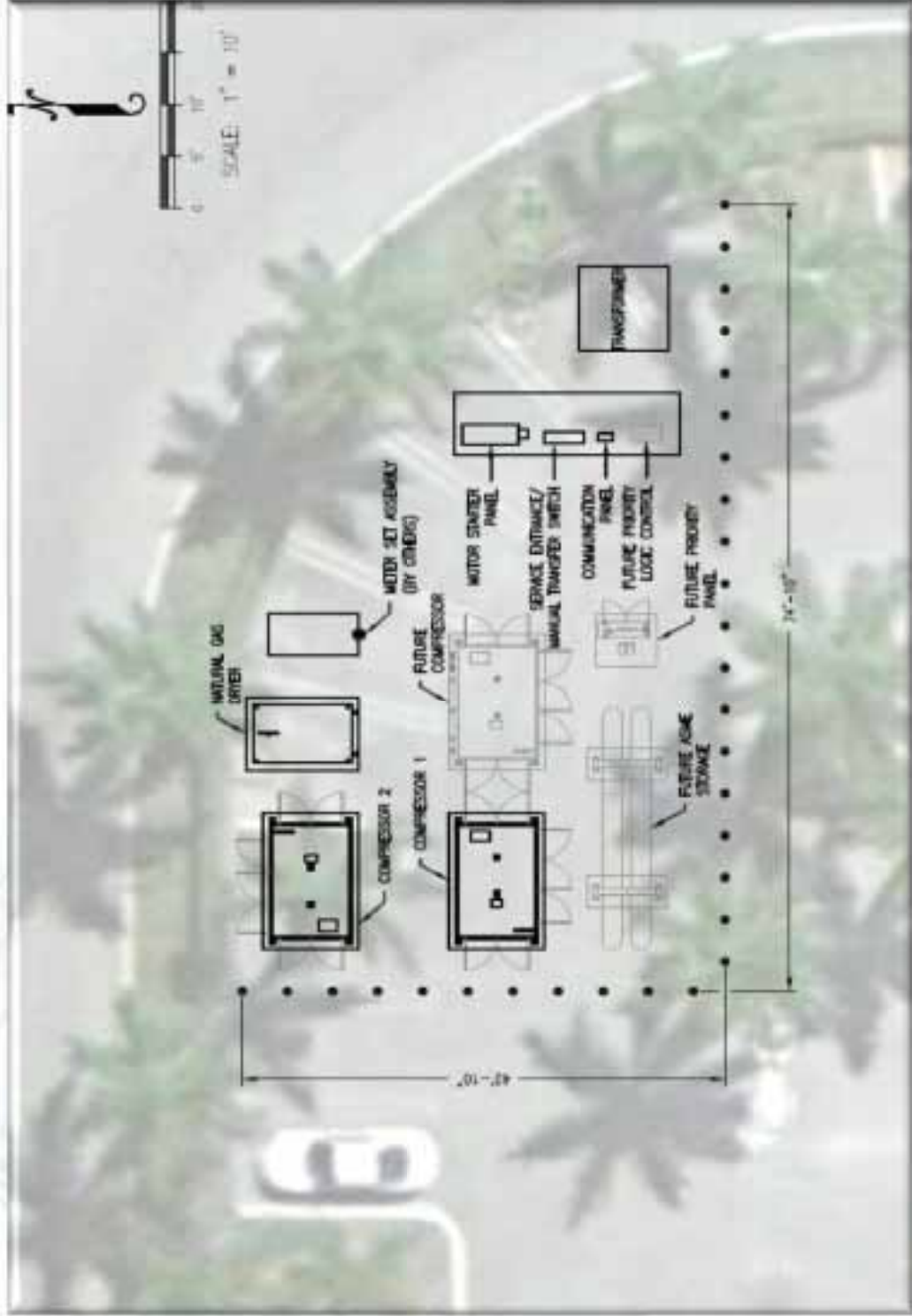
Fast Fill Station



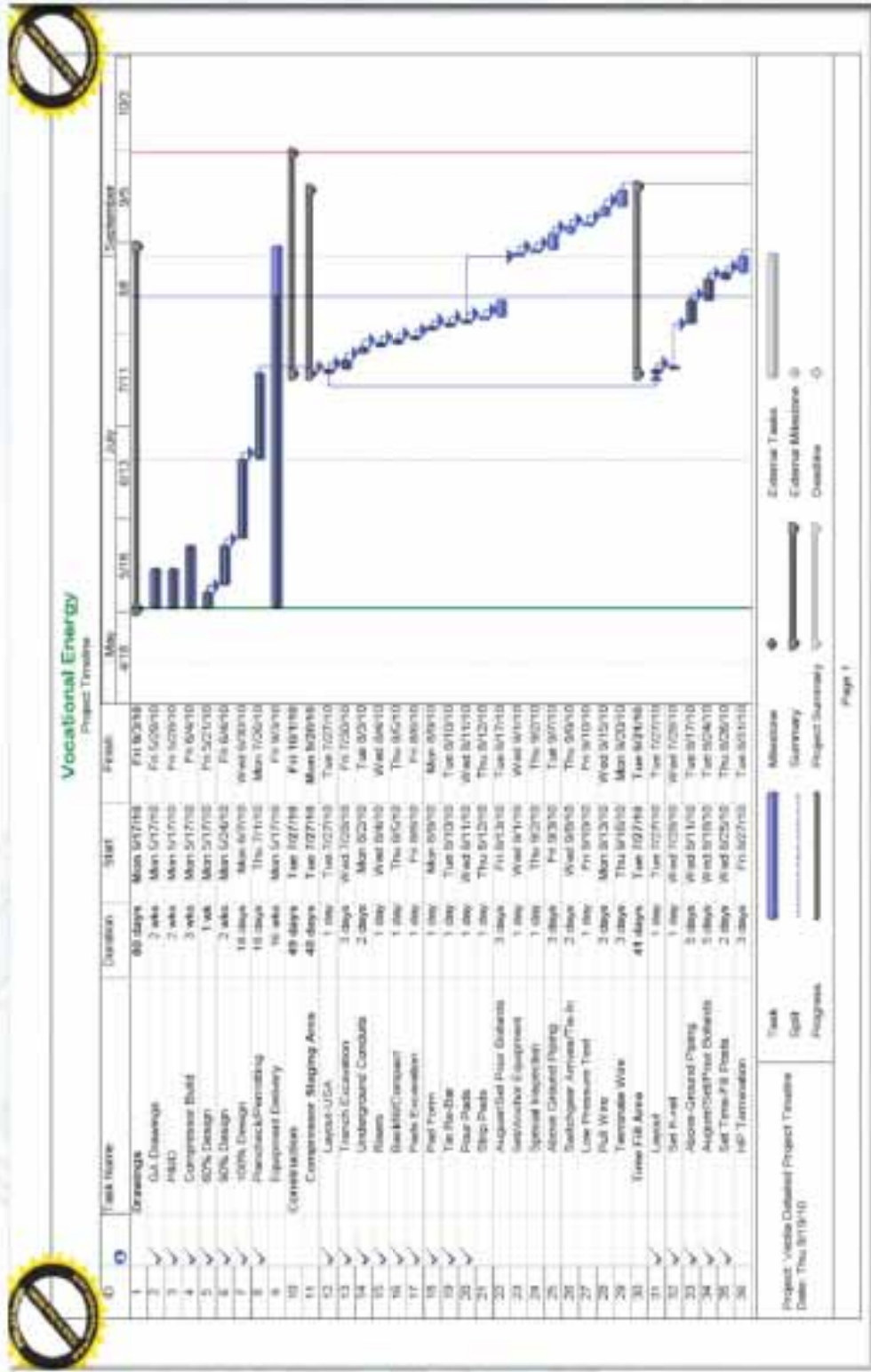
Typical CNG Fast Fill Dispenser



Design



Project Management



Station Construction – Compressor Prep



Station Construction – Electrical



Station Design – Compressor Controls



Station Design - Compressors

Fast Fill



Booster/Landfill Gas/Dual Compressors



Muncie Sanitary District Site



Methane Detection



- Motor Control Center
- Methane Detection sensors
- Make up air

Methane Detection



- Explosion proof lights
- Exhaust fans
- 18 inch ignition free zone from ceiling deck

Methane Detection

- 2211.7 Repair garages for vehicles fueled by lighter than -air fuels. Repair garages for the conversion and repair of vehicles which use CNG, liquefied natural gas (LNG), hydrogen or other lighter-than-air motor fuels shall be in accordance with Sections 2211.7 through 2211.7.2.3 in addition to the other requirements of Section 2211.
- **Exception: Repair garages where work is not performed on the fuel system and is limited to exchange of parts and maintenance requiring no open flame or welding.**

Methane Detection

- 2211.7.1.1 Design. Indoor locations shall be ventilated utilizing air supply inlets and exhaust outlets arranged to provide uniform air movement to the extent practical. Inlets shall be uniformly arranged on exterior walls near floor level. Outlets shall be located at the high point of the room in exterior walls or the roof.
- Ventilation shall be by a continuous mechanical ventilation system or by a mechanical ventilation system activated by a continuously monitoring natural gas detection system or, for hydrogen, a continuously monitoring flammable gas detection system, each activating at a gas concentration of not more than 25 percent of the lower flammable limit (LFL). In all cases, the system shall shut down the fueling system in the event of failure of the ventilation system.
- The ventilation rate shall be at least 1 cubic foot per minute per 12 cubic feet [0.00139 m³ x (s . m») of room volume.

Clean Abundant and Economical Natural Gas / CNG

Challenge

The risk of change

vs

The risk of status
quo





Thank You

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MEMO

September 17, 2014

Board of Trustees

Subject: Recommendation for Medical Exam, Drug and Alcohol Testing RFP 14-06

BACKGROUND: Connect Transit is required to perform medical exams in conformance with State of Illinois regulations and Department of Transportation employee drug testing in conformance with 49CFR Part 40. It is important for Connect Transit to be able to perform drug testing after an employee is involved in a vehicle accident and is a service that needs to be available twenty-four hours a day and seven days a week.

Connect received only one proposal for Medical Exam, Drug and Alcohol Testing RFP 14-06. Integrated Work Injury Network (IWIN) was the lone proposal submitted for the requested service. IWIN is the only provider that is available in this area for after-hours employee drug testing.

KEY FEATURES:

- All Pre-employment physicals and drug testing will be conducted by one Contractor.
- The mandatory drug screen and alcohol tests are a combined \$23.00 less than our current provider.
- Drug and alcohol testing can be conducted twenty-four hours a day and seven days a week, which is in compliance with 49CFR Part 40.

BUDGET INFORMATION: Funds for these services will be paid from the Operating Budget.

PROPOSED ACTION: Authorize the General Manager to execute a three (3) year indefinite-quantity fixed price contract with Integrated Work Injury Network.



HEAVY DUTY BUS PROCUREMENT

UPDATE

HIGHLIGHTS

- 28 Transit agencies covering six states
- Minimum of 154 buses and maximum of 365 buses
- Fuel type: Diesel, Electric Hybrid, CNG
- Connect will purchase a minimum of 14 buses and maximum of 30
- Contract will be for five years
- Connect could receive 5 buses within 6 months of Notice to Proceed

ADMINISTRATIVE DUTIES

- Consortium Member Responsibilities
 - Pre and Post Delivery Audit Buy America Certification
 - Post Award Purchaser's Requirement Certification
 - Pre and Post-Award Federal Motor Vehicle Safety Standards Certification
- Consortium members will have responsibility and requirements as though they procuring the buses themselves and will not relinquish responsibility for their actions. – FTA Circular 4220.1F Chapter IV

FINANCIAL RESPONSIBILITY

- Connect Transit shall incur no financial responsibility or other liability in connection with Purchase Orders issued between the Contractor and another Consortium Member. - Heavy Duty Bus RFP 14-02 Section 1.4
- Consortium Members will also sign the Contract issued to the successful Contractor for delivery of buses. Each agency will be bound by the terms of the Agreement and RFP.

QUESTIONS?



ADDENDUM

Meeting of the Connect Transit Board of Trustees

September 23, 2014

Addition to Consent Agenda:

- D4. Capital and Self Insurance Reserve Fund Balances for month of July, 2014
- D5. Monthly Statistical Report for month of August, 2014

Connect Transit
Local Capital and Self-Insurance Fund Balance
July 2014

<u>Self-Insurance Fund:</u>	<u>The Illinois Funds- Cash Balance</u>	
07/01/14	Beginning Balance	\$ 106,846.57
07/31/14	Additions - Interest Income	<u>\$ 1.12</u>
07/31/14	Ending Balance	<u>\$ 106,847.69</u>

<u>Local Capital Reserve:</u>	<u>The Illinois Funds- Cash Balance</u>	
07/01/14	Beginning Balance	\$ 2,086.84
07/31/14	Additions - Interest Income	<u>\$ 0.02</u>
07/31/14	Ending Balance	<u>\$ 2,086.86</u>

<u>Local Capital</u>	<u>Commerce Bank - Cash Balance</u>	
07/01/14	Beginning Balance	\$ 2,958,585.39
07/11/14	Deposit - Normal	\$ 37,898.18
07/18/14	Deposit - Bloomington	\$ 51,151.11
07/25/14	International Display Systems	\$ (73,834.78)
07/31/14	Double Map	\$ (6,000.00)
07/31/14	Additions - Interest Income	<u>\$ 381.73</u>
07/31/14	Ending Balance	<u>\$ 2,968,381.63</u>

<u>FTA & IDOT Capital</u>	<u>The Illinois Funds- Cash Balance</u>	
07/01/14	Beginning Balance	\$ 43,598.18
07/31/14	Additions - Interest Income	<u>\$ 0.46</u>
07/31/14	Ending Balance	<u>\$ 43,598.64</u>

Total Reserve Capital Account \$ 3,014,067.13

Breakdown of the Local Capital Reserve Fund- Cash Balance:

Local Capital #1	Local Capital #2
<u>\$ 43,598.64</u>	<u>\$ 2,970,468.49</u>

Breakdown of Local Funding in Local Capital #2 (Earmarked Funds):

	<u>FY15 Received</u> <u>7/31/2014</u>	<u>FY15 Receivable</u> <u>7/31/2014</u>
Bloomington	\$ 51,151.11	\$ -
Normal	\$ 37,898.18	\$ -
Total YTD	<u>\$ 89,049.29</u>	<u>\$ -</u>

Local Capital Reserve Fund Balance - Account Value

07/31/14	Cash Balance	\$ 3,014,067.13
07/31/14	Loans to Operating	\$ 2,980,249.22
07/31/01	Reserve fund for underground storage tank (Cap. I)	\$ (40,000.00)
07/03/14	Ending Balance	<u>\$ 5,954,316.35</u>
Local Capital #1	Local Capital #2	
<u>\$ 3,598.64</u>	<u>\$ 5,950,717.71</u>	



Statistics	Aug 2014					Aug 2013					% Change					
	Customers	Revenue Miles	Revenue Hours	Boardings per Revenue Hour		Customers	Revenue Miles	Revenue Hours	Boardings per Revenue Hour		Customers	Revenue Miles	Revenue Hours	Boardings per Revenue Hour		
Connect Transit																
Green A (β base)	32,699	10,218	737	44.39		34,069	10,506	768	44.51		-4.0%	-2.7%	-3.8%	-0.3%		
Red B (β base)	25,830	9,830	755	34.15		20,560	9,992	786	26.16		26.7%	-3.6%	-3.8%	50.6%		
Purple C (β base)	16,118	9,047	752	21.44		17,904	9,992	781	22.89		-10.2%	-6.4%	-3.7%	-6.7%		
Pink D (β base)	10,748	4,641	305	30.28		10,006	4,832	349	27.12		7.4%	-4.0%	-3.7%	11.6%		
Blue E (β base)	8,129	3,490	388	20.92		8,133	3,657	409	20.16		-0.5%	-3.6%	-3.7%	3.8%		
Brown F (β base)	12,760	10,648	784	16.30		13,112	11,049	814	16.10		-2.5%	-3.6%	-3.7%	1.3%		
Yellow G (β base)	23,075	10,755	772	29.57		20,704	11,046	802	24.93		11.5%	-2.8%	-3.7%	15.8%		
Orange H (β base)	20,784	10,265	769	27.02		20,277	10,692	769	25.37		2.5%	-4.0%	-3.8%	6.5%		
Lime I (β base)	24,599	12,955	783	32.68		19,194	13,418	782	24.54		26.2%	-3.4%	-3.7%	33.1%		
Teal J (β base)	9,390	8,961	361	15.36		3,781	7,421	375	10.08		42.6%	-19.8%	-6.4%	52.3%		
Aqua K (β base)	11,491	6,997	368	29.51		9,725	6,393	402	24.13		18.2%	-4.7%	-3.7%	27.1%		
HCC Express (β base)	980	280	44	22.45		541	224	35	18.17		54.4%	25.0%	25.0%	23.6%		
ISU Tri-Towers (β base)	27,330	2,126	200	135.98		14,292	2,128	199	73.83		89.8%	0.0%	5.4%	80.1%		
ISU College Station (β base)	6,630	3,240	245	26.68		4,434	3,240	228	19.48		47.3%	0.0%	7.4%	37.2%		
Misc Ride (β base)	5,005	2,735	206	24.36		3,095	3,095	240	12.91		61.7%	-11.8%	-14.3%	88.7%		
Total Fixed Route	231,497	104,011	7,501	30.86		209,077	109,324	7,774	25.74		15.7%	-4.9%	-3.5%	19.9%		
Demand Response																
Connect Mobility	5,475	25,066	2,096	2.61		4,663	21,736	1,703	2.74		17.4%	15.5%	23.0%	-4.6%		
Connect Late Night	560	3,274	154	3.64		532	3,151	210	2.53		5.3%	3.9%	-26.7%	43.5%		
Total Demand Response	6,035	28,370	2,249	2.68		5,195	24,887	1,913	2.72		16.2%	14.0%	17.6%	-1.2%		
SYSTEM TOTALS	237,532	132,381	9,750	24.36		205,272	134,211	9,697	21.19		15.7%	-1.4%	0.6%	15.0%		



		Month: Aug 2014			
		Target	FY2015	FY2014	% Change
Effectiveness	Total Boardings per Revenue Hour	15.0	24.4	31.2	15.0%
	Total Boardings per Capita	1.0	1.8	1.6	16.7%
	Total Boardings per Revenue Mile	1.0	1.6	1.5	17.3%
Safety	Total Preventable Accidents (Fixed Route and Demand Response)	0.0	2	0	#DIV/0!
	Preventable Accidents per 100,000 Miles	0.0	3	0	#DIV/0!
Efficiency	Farebox Recovery Ratio	13.3%	14.7%	14.6%	1.0%
	Average Fare	\$ 0.53	\$ 0.45	\$ 0.33	-7.1%
	Cost per Revenue Hour	\$ 14.22	\$ 81.45	\$ 77.02	5.8%
	Cost per Customer	\$ 5.10	\$ 3.34	\$ 3.81	-8.0%
	Operating Assistance Investment per Customer	\$ 4.42	\$ 2.85	\$ 3.10	-8.2%
Base Statistics for Calculations	Total Customers		237,532	205,272	15.7%
	Total Revenue Hours		6,780	9,687	0.6%
	Total Revenue Miles		132,381	134,211	-1.4%
	Total Birmingham-Normal Population (per the 2010 US Census)		128,107	128,107	0.0%
	Total Operating Expense		\$ 794,116.00	\$ 748,082.00	6.4%
	Total Operating Revenue (includes all directly-generated revenue such as Universal Access)		\$ 116,947.00	\$ 108,810.00	7.5%

Analysis & Interpretation



		Month: 2015 YTD			
		Target	FY2015	FY2014	% Change
Effectiveness	Total Boardings per Revenue Hour	15.0	22.2	20.9	6.1%
	Total Boardings per Coach	1.0	3.2	3.0	8.0%
	Total Boardings per Revenue Mile	1.8	1.8	1.5	7.5%
Safety	Total Preventable Accidents (User Abuse and Driver Reactions)	0.0	0	16	-88.8%
	Preventable Accidents per 100,000 Miles	0.0	13	41	-68.4%
Efficiency	Farebox Recovery Ratio	17.3%	14.5%	17.1%	-2.4%
	Average Fare	\$ 0.88	\$ 0.57	\$ 0.80	-4.2%
	Cost per Revenue Hour	\$ 74.22	\$ 84.98	\$ 79.28	16.0%
	Cost per Customer	\$ 5.10	\$ 3.83	\$ 3.50	5.3%
	Operating Assistance Investment per Customer	\$ 4.42	\$ 3.35	\$ 2.90	12.1%
Base Statistics for Calculations	Total Customers		419,041	380,747	8.6%
	Total Revenue Hours		18,876	18,431	2.4%
	Total Revenue Miles		261,349	268,562	1.1%
	Total Bloomington-Normal Population (per the 2010 US Census)		128,107	128,107	0.0%
	Total Operating Expense		\$ 1,604,103.00	\$ 1,360,576.00	16.8%
	Total Operating Revenue (includes all directly-generated revenue such as Universal Access)		\$ 239,704.00	\$ 230,424.00	4.0%

Analysis & Interpretation