

Roeland Park Public Works meeting Agenda

By: Bill Cunningham
03/08/10

RC12-14

- The first coordination meeting was held at City Hall on February 24th where issues regarding utilities and other matters were discussed. The next coordination meeting will be Wednesday March 10th.
- The contractor has cleared trees along the entire project.
- They are working on the sanitary sewer relocations south of 54th Terrace and are working on the fabrication of the reinforced concrete boxes for the system.
- Utilities are also working in the area adjusting their utilities to minimize conflicts.

CARS Program

- The design of the project has begun with field just starting as weather is now permitting. The goal is to have plans available for a late spring letting and a summer construction schedule. The street in this year's program is as follows: Buena Vista from Shawnee Mission Parkway to 53rd Street. 53rd Street from Buena Vista to Mission Road

2011-2015 CARS Report

- A submittal for the 2011-2015 CARS streets has been prepared for submittal to the County for potential funding. Larkin and Public Works staff have met and set the priority of need. The report is in to the City for review and discussion.

2010 Street Improvements

- The project was awarded to O'donnell Way construction. Contract documents have been produced. The project will begin soon. The streets included are as follows:
- Sidewalk/Crosswalk/Ramp Repairs
Elledge at Fontana
Ash at W. 57th St.
- Mill & Overlay
Birch—53rd to 55th St, W. 57th St
W. 57th St—Nall to Roeland Dr
W. 58th St—Nall to Roeland Dr.
W. 54th Ter—Granada to Buena Vista
Parish—Elledge to W 48th St
W. 48th Ter—Pawnee to Reinhardt
W. 49th St.—Pawnee to Reinhardt

RC12-12

- Two dates have been set. The first will be on April 21st. The City of Roeland Park will host an open house for residents interested in the Rain Gardens constructed as part of the RC12-012 Stormwater Project. Staff, Larkin Group and Mr. David Flick will be on hand to discuss plantings and maintenance. An information booklet complete with plant photos and other relevant ecological information for each species will be available to inform residents of the plant size, spread and bloom season.

- The second will be on Wednesday May 26th, and will be a neighborhood walk through with David Flick to discuss the care and maintenance of the planted materials with homeowners and City Staff.

Roeland Park Elementary School Demolition

- Demolition plans and bid documents will be prepared for the demolition of the school building

Miscellaneous

- Street Sweeper bids due on March 9th.

March 2, 2010

Mr. John Carter
City Administrator
4600 West 51st Street
Roeland Park, KS 66205

Re: 2011-2015 C.A.R.S. Report
Larkin Project No: KC10-0098.0100

Dear John,

Enclosed please find the 2011-2015 County Assistance Road System (C.A.R.S) report that can be used to submit to Johnson County for inclusion in the Capital Improvement Program (C.I.P.).

The project information was obtained from aerial maps, inspection of the proposed sites and knowledge of the projects. The opinions of probable construction costs were taken from estimates of project quantities and prices from past contractor bids.

We will be available for questions from the city or county on this report.

Sincerely,

Terrance M. Parsons, P.E.

Enclosures

cc: Project File w/enclosures

**County Assistance Road System
2011-2015 Program Summary Sheet**

Participating City: Roeland Park, Kansas

Priority	Project Location	Proposed Start/ Finish	Project Type	CARS Route Classification		CARS Program Funding Request	Total Project Cost
				Major	Minor		
1	55th St. - Roe to Shawnee Mission Pkwy.	4/2011 to 9/2011	Major Maintenance		X	\$151,008	\$342,466
2	Roe Blvd. - Johnson Drive to N. City Limits	4/2012 to 9/2012	Major Maintenance	X		\$415,161	\$941,527
3	51st St. - W. City Limit to Cedar St. 50th Terr. - Cedar St. to Roe Blvd.	4/2013 to 9/2013	Major Maintenance		X	\$341,990	\$775,585
4	Mission Road - 47th Street to 53rd Street	4/2014 to 9/2014	Major Maintenance		X	\$123,836	\$280,843
5	47th Street - Mission Road to Roe Lane 48th Street - Roe Lane to Roe Blvd	4/2015 to 9/2015	Major Maintenance		X	\$230,669	\$523,125

CARS Form A
2011--2015 Project Application for the
County Assistance Road System (CARS) Program

Submit one form for each project. Make copies of this form as needed.

*Complete & Return by **March 29, 2010***

Submitting City: Roeland Park, Kansas **Number 1 Priority (Y/N):** 1

Project Location: 55th Street – Roe Blvd. to Shawnee Mission Parkway

Joint Project With: Fairway **Administrating City:** Roeland Park

Contact Name & Title: Pat Mundis, Public Works Director **County Commission District(s) #:** 1

Estimated Project Schedule: Start Date (mo/yr): 4/2011 **Completion Date (mo/yr):** 9/2011

Current Average Daily Traffic (ADT): 3755 (2007) **Accident History (Prior 3 Years):** _____

Project Type: **Capacity** **Major Maintenance** **Bridge Replacement** **Bridge Rehabilitation**
Route Enhancement **System Management**

Current Level of Service (LOS) [System Management Projects Only]: N/A

Sufficiency Rating (Bridge Projects): N/A **Pavement Condition:** Good Fair Poor

Detailed Description of Existing Facility:

Existing two lanes of pavement with curb and gutter and sidewalk on the north side. Pavement is in fair condition. Curb and gutter and sidewalk are in fair condition.

Detailed Description of Project Scope:

Mill and overlay with 2-inch asphalt concrete surface. Replace curb and gutters and sidewalk where needed. Replace sidewalk ramps to ADA requirements. Replace full depth patch pavement where needed.

Project Cost Information *

1. Design Cost:	\$ 40,449
2. Right-of-way acquisition cost:	---
3. Utility relocation Cost:	---
4. Construction cost:	\$269,658
5. Construction engineering cost:	\$ 32,359
Total project cost:	\$342,466

Calculation of CARS Eligible costs:

A. Sum item # 4 & 5 above	(+)	\$302,017
B. Federal Aid Participation	(-)	---
C. State Aid Participation	(-)	---
D. Other Non-local Participation	(-)	---
Subtotal (CARS eligible costs)		\$302,017
CARS Funding request		\$151,008

(Request cannot exceed 50% of the CARS eligible costs)

Funding participation by other cities:

City Name:	<u>Roeland Park</u>	Funding:	<u>\$114,766</u>
City Name:	<u>Fairway</u>	Funding:	<u>\$ 36,242</u>

*Program policies require that a licensed professional engineer prepare and seal construction cost estimates for upcoming fiscal year projects (i.e., 2011 Program Projects). A copy of the sealed estimates **must** be furnished for all 2011 CARS Program requests.

2011-2015 CARS Report for Roeland Park, Kansas
55th Street - Roe Boulevard to Shawnee Mission Parkway (2011)
ROELAND PARK, KANSAS
OPINION OF PROBABLE CONSTRUCTION COSTS

February 24, 2009

Prepared By: Terrance M. Parsons, P.E.

ROELAND PARK PORTION OF PROJECT					
Item	Description	Unit	Quantity	Unit Price	Extension
1	Clearing and Mobilization	L.S.	1	\$12,000.00	\$12,000
2	Remove and Replace Curb and Gutter	L.F.	320	\$36.00	\$11,520
3	Full Depth Asphalt Repair	S.Y.	500	\$65.00	\$32,500
4	2" Mill & Overlay	S.Y.	5,100	\$13.00	\$66,300
5	Remove and Replace Sidewalk Caulk	L.F.	250	\$2.50	\$625
6	Remove and Replace 4" Sidewalk	S.Y.	200	\$60.00	\$12,000
7	Handicap Sidewalk Ramps	Each	2	\$1,800.00	\$3,600
8	Repair Handicap Ramps	Each	2	\$1,000.00	\$2,000
9	8" Concrete Pavement	S.Y.	300	\$80.00	\$24,000
10	Pavement Marking	L.S.	1	\$3,200.00	\$3,200
11	Traffic Control	L.S.	1	\$4,200.00	\$4,200
12	Contingencies (20%)				\$34,389

TOTAL ESTIMATE OF PROBABLE CONSTRUCTION COSTS = \$206,334

FAIRWAY PORTION OF PROJECT					
Item	Description	Unit	Quantity	Unit Price	Extension
1	Clearing and Mobilization	L.S.	1	\$3,000.00	\$3,000
2	Remove and Replace Curb and Gutter	L.F.	115	\$36.00	\$4,140
3	Full Depth Asphalt Repair	S.Y.	170	\$65.00	\$11,050
4	2" Mill & Overlay	S.Y.	1,760	\$13.00	\$22,880
5	8" Concrete Pavement	S.Y.	100	\$80.00	\$8,000
6	Pavement Marking	L.S.	1	\$1,600.00	\$1,600
7	Traffic Control	L.S.	1	\$2,100.00	\$2,100
8	Contingencies (20%)				\$10,554

TOTAL ESTIMATE OF PROBABLE CONSTRUCTION COSTS = \$63,324

ESTIMATE OF PROBABLE CONST. COSTS FOR BOTH CITIES = \$269,658

CARS Form A
2011--2015 Project Application for the
County Assistance Road System (CARS) Program

Submit one form for each project. Make copies of this form as needed.

Complete & Return **by March 29, 2010**

Submitting City: Roeland Park, Kansas Number 1 Priority (Y/N) : N

Project Location: Roe Boulevard (Johnson Drive to North City Limits)

Joint Project With: N/A Administrating City: Roeland Park

Contact Name & Title: Pat Mundis, Public Works Director County Commission District(s) #: 1

Estimated Project Schedule: Start Date (mo/yr): 4/2012 Completion Date (mo/yr): 9/2012

Current Average Daily Traffic (ADT): Roe (28000) Accident History (Prior 3 Years): 156

Project Type: Capacity Major Maintenance Bridge Replacement Bridge Rehabilitation
Route Enhancement System Management

Current Level of Service (LOS) [System Management Projects Only]: N/A

Sufficiency Rating (Bridge Projects): N/A Pavement Condition: Good Fair Poor

Detailed Description of Existing Facility:

Existing two-lanes north and two-lanes south with raised median, asphalt pavement, curb and gutter, sidewalk on one side and signalized intersections.

Detailed Description of Project Scope:

57th to Johnson Dr. & 48th to County Line-Mill and overlay with 2-inch asphalt concrete surface, adjust manholes, and make spot full depth patching. Construct concrete inlays at major intersections. Construct new sidewalk. Remove and replace existing sidewalk, curb and gutter, and sidewalk ramps. Reset traffic loops at six signals.

48th to Johnson Drive – Repair Curb and Gutter, pavement patch and ramps as needed, signal visibility improvements at 48th.

Project Cost Information *

1. Design Cost:	\$ 111,204
2. Right-of-way acquisition cost:	---
3. Utility relocation Cost:	---
4. Construction cost:	\$741,360
5. Construction engineering cost:	\$ 88,963
Total project cost:	\$941,527

Calculation of CARS Eligible costs:

A. Sum item # 4 & 5 above	(+)	\$830,323
B. Federal Aid Participation	(-)	---
C. State Aid Participation	(-)	---
D. Other Non-local Participation	(-)	---
Subtotal (CARS eligible costs)		\$830,323
CARS Funding request		\$415,161

(Request cannot exceed 50% of the CARS eligible costs)

Funding participation by other cities:

City Name: _____ Funding: _____
City Name: _____ Funding: _____

*Program policies require that a licensed professional engineer prepare and seal construction cost estimates for upcoming fiscal year projects (i.e., 2011 Program Projects). A copy of the sealed estimates **must** be furnished for all 2011 CARS Program requests.

2011-2015 CARS Report for Roeland Park, Kansas
Roe Blvd. – Johnson Drive to North City Limits (2012)
ROELAND PARK, KANSAS
OPINION OF PROBABLE CONSTRUCTION COSTS

February 24, 2009

Prepared By: Terrance M. Parsons, P.E.

Item	Description	Unit	Quantity	Unit Price	Extension
1	Clearing and Mobilization	L.S.	1	\$35,000	\$35,000
2	Remove and Replace Curb and Gutter	L.F.	5,200	\$36.00	\$187,200
3	2" Mill & Overlay	S.Y.	10,400	\$13.00	\$135,200
4	10" Concrete Inlay	S.Y.	1,100	\$120.00	\$132,000
5	Construct New 4" Sidewalk	S.Y.	520	\$60.00	\$31,200
6	Handicap Sidewalk Ramps	Each	4	\$1,800.00	\$7,200
	Repair Handicap Ramps	Each	6	\$1,000.00	\$6,000
7	Pavement Marking	L.S.	1	\$5,000.00	\$5,000
8	Signal Visibility Improvements (48th St.)	L.S.	1	\$48,000.00	\$48,000
9	Traffic Loops	Each	8	\$2,000.00	\$16,000
10	Traffic Control	L.S.	1	\$15,000.00	\$15,000
11	Contingencies (20%)				\$123,560

TOTAL ESTIMATE OF PROBABLE CONSTRUCTION COSTS = \$741,360

CARS Form A
2011--2015 Project Application for the
County Assistance Road System (CARS) Program

Submit one form for each project. Make copies of this form as needed.

*Complete & Return by **March 29, 2010***

Submitting City: Roeland Park, Kansas **Number 1 Priority (Y/N):** N

Project Location: 51st Street: Western City Limits to Cedar Street; 50th Terrace: Cedar Street to Roe Blvd.

Joint Project With: N/A **Administrating City:** Roeland Park

Contact Name & Title: Pat Mundis, Public Works Director **County Commission District(s) #:** 1

Estimated Project Schedule: Start Date (mo/yr): 4/2013 **Completion Date (mo/yr):** 9/2013

Current Average Daily Traffic (ADT): 3727(2007) **Accident History (Prior 3 Years):** 2

Project Type: **Capacity** **Major Maintenance** **Bridge Replacement** **Bridge Rehabilitation**
Route Enhancement **System Management**

Current Level of Service (LOS) [System Management Projects Only]: N/A

Sufficiency Rating (Bridge Projects): N/A **Pavement Condition:** Good Fair Poor

Detailed Description of Existing Facility:

Existing two lane pavement with curb and gutter. Pavement is in fair condition. May require patching at east end. There is an existing sidewalk north side of 51st Street.

Detailed Description of Project Scope:

Mill and overlay with 2-inch asphalt concrete surface. Replace curb and gutters, replace sidewalk and ramps, and replace driveways.

Project Cost Information *

1. Design Cost:	\$91,604
2. Right-of-way acquisition cost:	---
3. Utility relocation Cost:	---
4. Construction cost:	\$610,697
5. Construction engineering cost:	\$ 73,284
Total project cost:	\$775,585

Calculation of CARS Eligible costs:

A. Sum item # 4 & 5 above	(+)	\$683,981
B. Federal Aid Participation	(-)	---
C. State Aid Participation	(-)	---
D. Other Non-local Participation	(-)	---
Subtotal (CARS eligible costs)		\$683,981
CARS Funding request		\$341,990

(Request cannot exceed 50% of the CARS eligible costs)

Funding participation by other cities:

City Name: _____ Funding: _____
 City Name: _____ Funding: _____

*Program policies require that a licensed professional engineer prepare and seal construction cost estimates for upcoming fiscal year projects (i.e., 2010 Program Projects). A copy of the sealed estimates **must** be furnished for all 2010 CARS Program requests.

2011-2015 CARS Report for Roeland Park, Kansas

51st Street - W. City Limit to Cedar Street (2013)

50th Terrace - Cedar Street to Roe Boulevard

ROELAND PARK, KANSAS

OPINION OF PROBABLE CONSTRUCTION COSTS

February 24, 2009

Prepared By: Terrance M. Parsons, P.E.

Item	Description	Unit	Quantity	Unit Price	Extension
1	Clearing and Mobilization	L.S.	1	\$30,000.00	\$30,000
2	Remove and Replace Curb and Gutter	S.Y.	850	\$36.00	\$30,600
	Full Depth Asphalt Repair	S.Y.	900	\$65.00	\$58,500
3	2" Mill & Overlay	S.Y.	9,100	\$15.00	\$136,500
5	Remove and Replace 4" Sidewalk	S.Y.	2600	\$60.00	\$156,000
6	6" Concrete Driveway	S.Y.	561	\$74.00	\$41,514
7	Handicap Sidewalk Ramps	Each	10	\$1,800.00	\$18,000
8	Sodding	S.Y.	2800	\$7.50	\$21,000
9	Pavement Marking	L.S.	1	\$6,800.00	\$6,800
10	Traffic Control	L.S.	1	\$10,000.00	\$10,000
11	Contingencies (20%)				\$101,783

TOTAL ESTIMATE OF PROBABLE CONSTRUCTION COSTS = \$610,697

CARS Form A
2011-2015 Project Application for the
County Assistance Road System (CARS) Program

Submit one form for each project. Make copies of this form as needed.

Complete & Return *by March 29, 2010*

Submitting City: Roeland Park, Kansas **Number 1 Priority (Y/N):** N

Project Location: Mission Road - 47th Street to 53rd Street

Joint Project With: Westwood **Administrating City:** Roeland Park

Contact Name & Title: Pat Mundis, Public Works Director **County Commission District(s) #:** 1

Estimated Project Schedule: Start Date (mo/yr): 4/2014 **Completion Date (mo/yr):** 9/2014

Current Average Daily Traffic (ADT): 4527 (2007) **Accident History (Prior 3 Years):** 6

Project Type: **Capacity** **Major Maintenance** **Bridge Replacement** **Bridge Rehabilitation**
Route Enhancement **System Management**

Current Level of Service (LOS) [System Management Projects Only]: N/A

Sufficiency Rating (Bridge Projects): N/A **Pavement Condition:** **Good X Fair** **Poor**

Detailed Description of Existing Facility:

Existing two-lane pavement with curb and gutter. Pavement is in fair condition. There are sidewalks on both sides of the street.

Detailed Description of Project Scope:

Mill and overlay street. Repair damaged curb and gutters, sidewalk and install ADA compliant ramps. Project is estimated for Roeland Park side only.

Project Cost Information *

1. Design Cost:	\$33,170
2. Right-of-way acquisition cost:	---
3. Utility relocation Cost:	---
4. Construction cost:	\$221,137
5. Construction engineering cost:	\$26,536
Total project cost:	\$280,843

Calculation of CARS Eligible costs:

A. Sum item # 4 & 5 above	(+)	\$247,673
B. Federal Aid Participation	(-)	---
C. State Aid Participation	(-)	---
D. Other Non-local Participation	(-)	---
Subtotal (CARS eligible costs)		\$247,673
CARS Funding request		\$123,836

(Request cannot exceed 50% of the CARS eligible costs)

Funding participation by other cities:

City Name: _____ Funding: _____
 City Name: _____ Funding: _____

*Program policies require that a licensed professional engineer prepare and seal construction cost estimates for upcoming fiscal year projects (i.e., 2011 Program Projects). A copy of the sealed estimates **must** be furnished for all 2011 CARS Program requests.

2011-2015 CARS Report for Roeland Park, Kansas

Mission Road – 47th Street to & 53rd Street (2014)

ROELAND PARK, KANSAS

OPINION OF PROBABLE CONSTRUCTION COSTS

February 24, 2009

Prepared By: Terrance M. Parsons, P.E.

Item	Description	Unit	Quantity	Unit Price	Extension
1	Clearing and Mobilization	L.S.	1	\$10,000.00	\$10,000
2	Remove and Replace Curb and Gutter	L.F.	400	\$36.00	\$14,400
3	Full Depth Asphalt Repair	S.Y.	640	\$65.00	\$41,600
4	2" Mill & Overlay	S.Y.	6,437	\$13.00	\$83,681
5	Remove and Replace 4" Sidewalk	S.Y.	200	\$60.00	\$12,000
6	Handicap Sidewalk Ramps	Each	7	\$1,800.00	\$12,600
7	Traffic Control	L.S.	1	\$10,000.00	\$10,000
8	Contingencies (20%)				\$36,856

TOTAL ESTIMATE OF PROBABLE CONSTRUCTION COSTS = \$221,137

CARS Form A
2011-2015 Project Application for the
County Assistance Road System (CARS) Program

Submit one form for each project. Make copies of this form as needed.

Complete & Return by **March 29, 2010**

Submitting City: Roeland Park, Kansas **Number 1 Priority (Y/N):** N

Project Location: 47th Street - Mission Road to Roe Lane; 48th Street - Roe Lane to Roe Blvd

Joint Project With: N/A **Administrating City:** Roeland Park

Contact Name & Title: Pat Mundis, Public Works Director **County Commission District(s) #:** 1

Estimated Project Schedule: Start Date (mo/yr): 4/2015 **Completion Date (mo/yr):** 9/2015

Current Average Daily Traffic (ADT): _____ **Accident History (Prior 3 Years):** _____

Project Type: **Capacity** **Major Maintenance** **Bridge Replacement** **Bridge Rehabilitation**
Route Enhancement **System Management**

Current Level of Service (LOS) [System Management Projects Only]: N/A

Sufficiency Rating (Bridge Projects): N/A **Pavement Condition:** Good Fair Poor

Detailed Description of Existing Facility:

Existing two-lane pavement with curb and gutter. Pavement is in good condition. There are sidewalks on both sides of the street.

Detailed Description of Project Scope:

Mill and overlay street. Repair damaged curb and gutters, sidewalk and install ADA compliant ramps. Project is estimated for Roeland Park side only.

Project Cost Information *

1. Design Cost:	\$61,786
2. Right-of-way acquisition cost:	---
3. Utility relocation Cost:	---
4. Construction cost:	\$411,910
5. Construction engineering cost:	\$ 49,429
Total project cost:	\$523,125

Calculation of CARS Eligible costs:

A. Sum item # 4 & 5 above	(+)	\$461,339
B. Federal Aid Participation	(-)	---
C. State Aid Participation	(-)	---
D. Other Non-local Participation	(-)	---
Subtotal (CARS eligible costs)		\$461,339
CARS Funding request		\$230,669

(Request cannot exceed 50% of the CARS eligible costs)

Funding participation by other cities:

City Name: _____ Funding: _____
 City Name: _____ Funding: _____

*Program policies require that a licensed professional engineer prepare and seal construction cost estimates for upcoming fiscal year projects (i.e., 2011 Program Projects). A copy of the sealed estimates **must** be furnished for all 2011 CARS Program requests.

2011-2015 CARS Report for Roeland Park, Kansas

47th Street - Mission Road to Roe Lane (2015)

48th Street - Roe Lane to Roe Boulevard

ROELAND PARK, KANSAS

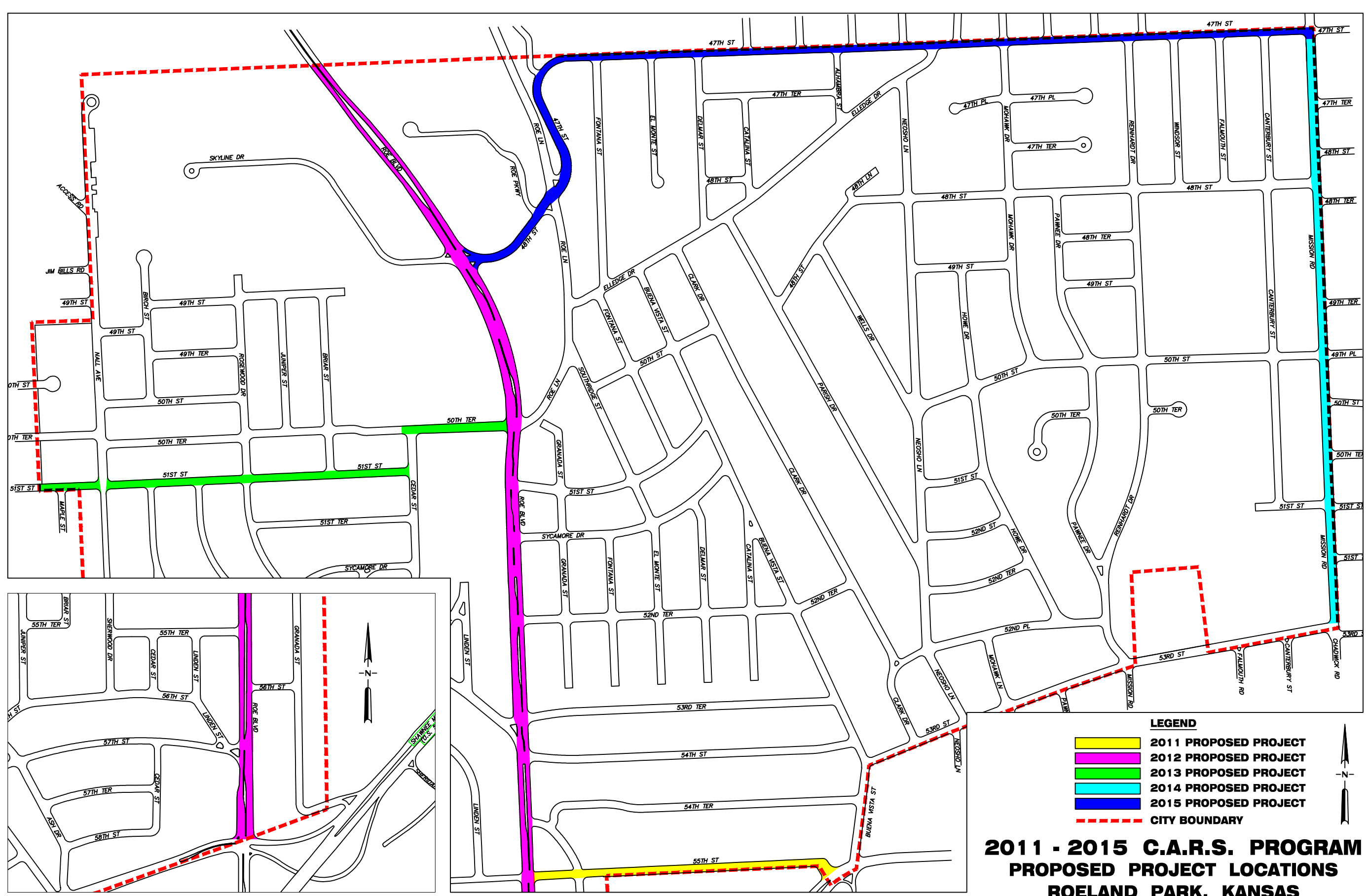
OPINION OF PROBABLE CONSTRUCTION COSTS

February 24, 2009

Prepared By: Terrance M. Parsons, P.E.

Item	Description	Unit	Quantity	Unit Price	Extension
1	Clearing and Mobilization	L.S.	1	\$20,000	\$20,000
2	Remove and Replace Curb and Gutter	L.F.	1,400	\$36.00	\$50,400
3	Full Depth Asphalt Repair	S.Y.	110	\$65.00	\$7,150
4	2" Mill & Overlay	S.Y.	11,500	\$16.00	\$184,000
5	Remove and Replace Sidewalk Caulk	L.F.	750	\$2.50	\$1,875
6	Remove and Replace 4" Sidewalk	S.Y.	600	\$60.00	\$36,000
7	Handicap Sidewalk Ramps	Each	3	\$1,800.00	\$5,400
9	Repair Handicap Ramps	Each	10	\$1,000.00	\$10,000
9	8" Concrete Pavement	S.Y.	50	\$80.00	\$4,000
9	Pavement Marking	L.S.	1	\$12,000.00	\$12,000
9	Traffic Control	L.S.	1	\$12,433.00	\$12,433
10	Contingencies (20%)				\$68,652

TOTAL ESTIMATE OF PROBABLE CONSTRUCTION COSTS = \$411,910



LEGEND

- 2011 PROPOSED PROJECT
- 2012 PROPOSED PROJECT
- 2013 PROPOSED PROJECT
- 2014 PROPOSED PROJECT
- 2015 PROPOSED PROJECT
- CITY BOUNDARY

**2011 - 2015 C.A.R.S. PROGRAM
PROPOSED PROJECT LOCATIONS
ROELAND PARK, KANSAS**