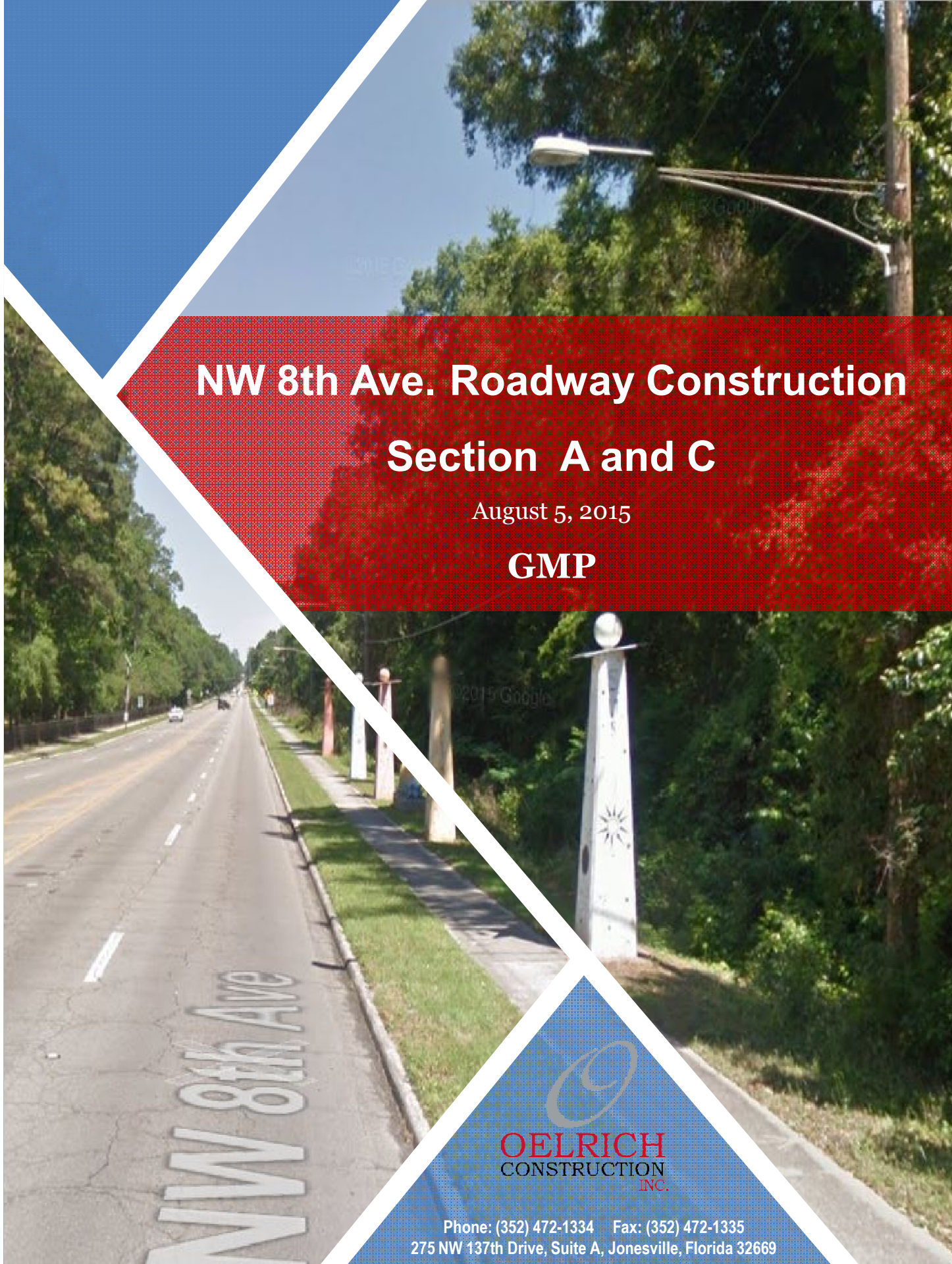


NW 8th Ave. Roadway Construction Section A and C

August 5, 2015

GMP



Phone: (352) 472-1334 Fax: (352) 472-1335
275 NW 137th Drive, Suite A, Jonesville, Florida 32669



August 5, 2015

Stefan Broadus
Project Engineer III
City of Gainesville- Public Works
P.O. Box 490
Gainesville, FL 32627

**Re: NW 8th Ave. Roadway Construction – Section A and C
GMP for Construction Management Services**

Stefan:

Oelrich Construction, Inc. is pleased to present this GMP for the construction required to complete the NW 8th Ave Roadway Project, Section A and C:

The GMP for this project is:
One Million Eight Hundred Thirty Thousand Eight Hundred Ninety Three
Dollars..... \$1,830,893.00

Please find the attached Budget overview, Budget breakdown, Qualifications, List of Alternates, Schedule, and List of Construction Documents used to generate this GMP.

We appreciate the opportunity to be a part of this project and we look forward to its successful completion. Please feel free to contact me at any time if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "Derek Dykes", with a horizontal line extending to the right.

Derek Dykes
Project Manager

275 NW 137th Drive
Suite A
Jonesville, Florida 32669

oelrichconstruction.com

352-745-7877

CGC1510579

NW 8th Ave. Roadway Construction - Section A and C

Oelrich Construction

Overview

Bid Package	Package Description	Conceptual Budget Estimate	90% Documents Budget	100% Documents Subcontractor Bid Day	(Over)/ Under
	Staff Cost		\$ 88,944		
	General Conditions		\$ 9,082		
SECTION A- STA164+60 to STA 209+05					
BP-1A	Construction Aids/ MOT		\$ 65,230		
BP 2A	Sitework		\$ 395,476		
BP 2B	Demolition		\$ 12,260		
BP 2C	Crosswalk at 38th		\$ 41,075		
BP 3A	Concrete		\$ 25,709		
SECTION C- STA 13+18 TO STA 91+84					
BP-1A	Construction Aids/ MOT		\$ 65,750		
BP 2A	Sitework		\$ 741,983		
BP 2B	Demolition		\$ 37,386		
BP 2C	Landscaping		\$ 15,200		
BP 3A	Concrete		\$ 49,165		
Total of Bid Packages					
		\$ -	\$ 1,547,259		
Contingency	8%		\$ 123,781		
Total of Project Costs					
		\$ -	\$ 1,671,040		
CM Fee	7%	\$ -	\$ 116,973		
Subtotal					
		\$ -	\$ 1,788,013		
Builders Risk Insurance			\$ 6,498		
Payment and Performance Bonds			\$ 18,859		
General Liability Insurance			\$ 17,523		
Total Amount					
		\$ -	\$ 1,830,893	\$ -	

NW 8th Ave. Roadway Construction - Section A and C

Oelrich Construction, Inc.

GMP Estimate

August 5, 2015



Item Description	Qty	Unit	labor			material		subcontractor		Totals	Sub Totals
			unit price	%burden	amount	unit price	amount	unit price	amount		
STAFF COST											
Project Manager	8	weeks	1,923	23.76%	19,039	-	-	-	-	19,039	
Project Engineer	16	weeks	769	27.17%	15,647	-	-	-	-	15,647	
Project Superintendent	17	weeks	1,923	25.12%	40,903	-	-	-	-	40,903	
Labor Foreman (Clean up, MOT set up)	17	weeks	480	24.44%	10,154	-	-	-	-	10,154	
Superintendent Vehicle	4	months				250	1,000			1,000	
Vehicle Fuel/Oil	4	months				550	2,200			2,200	
											88,944
GENERAL CONDITIONS											
Small Tools	1	ls				750	750			750	
Temp Railings	1	ls				500	500			500	
Temporary Toilets	4	months				190	760			760	
Temporary Project Signage	1	ls				600	600			600	
Temporary Fencing and Gates	257	lf				5	1,285			1,285	
Temporary water	4	months				150	600			600	
Storage Trailer	4	months				125	500			500	
Job Telephone	4	months				130	520			520	
Field Computer Services	4	months				78	312			312	
Copy Machine	4	months				78	312			312	
Safety/First Aid Supplies	1	ls				200	200			200	
Progress Photos	8	ea				105	840			840	
Drawing Reproduction	6	sets				58	348			348	
Advertising	1	ls				105	105			105	
GMP Document Reproduction	6	sets				50	300			300	
Office Supplies	1	ls				750	750			750	
Postage and Delivery Fees	1	ls				100	100			100	
As Built Documents	2	sets				75	150			150	
Project Closeout	1	ls				150	150			150	
											9,082
SECTION A- STA164+60 to STA 209+05											
CONSTRUCTION AIDES											
MOT	1	ls					40,000	40,000		40,000	
Tree Barricades	1	ls					2,500	2,500		2,500	
Dumpster Pulls	5	pulls					250	1,250		1,250	
Equipment Rental	1	ls					5,000	5,000		5,000	
Survey	5	ea					500	2,500		2,500	
Seed and Sod	1	ls					3,500	3,500		3,500	
Inlet Protection	36	ea					100	3,600		3,600	
Asphalt Testing	6	days					480	2,880		2,880	
Road Test	4	ea					750	3,000		3,000	
Density Testing	50	ea					20	1,000		1,000	
											65,230
BP-2A Sitework											
Asphalt Paving - 2"	22,248	syd					12	266,976		266,976	
Mill Existing Pavement 2"	22,248	syd					4	88,991		88,991	
12" White Strip	972	lf					4	3,886		3,886	
200' of 6" Dbl Yellow	4,400	lf					1.25	5,500		5,500	
24" White Strip	201	lf					8	1,606		1,606	
6" White	7,499	lf					1.25	9,374		9,374	
6" White Skip (10'-30') w/W-R RPMS @40' c.c.	8,394	lf					1	8,394		8,394	
6" Yellow w/Y-Y RPMS @ 40' c.c.	6,365	lf					1.25	7,957		7,957	
RPMS	407	ea					6	2,442		2,442	
School Markings	1	sets					350	350		350	
											395,476

NW 8th Ave. Roadway Construction - Section A and C

Oelrich Construction, Inc.

GMP Estimate

August 5, 2015



Item Description	Qty	Unit	labor			material		subcontractor		Totals	Sub Totals
			unit price	%burden	amount	unit price	amount	unit price	amount		
BP-2B Demolition											
Remove Existing Conc	5,380	sf						2	10,760	10,760	
Remove Curb	1	ls						1,500	1,500	1,500	
											12,260
BP-2A 38th Street Crosswalk											
Pavers at Crosswalk at NW 38th St.	607	sf						15	9,105	9,105	
Conc for Crosswalk at NW 38th St.	607	sf						10	6,070	6,070	
ADA Ramp for Pedestrian Crosswalk	2	ea						1,500	3,000	3,000	
Demo	1	ls						2,500	2,500	2,500	
MOT	5	ea						2,000	10,000	10,000	
Flashing Beacons	2	ea						5,200	10,400	10,400	
											41,075
BP-3A Concrete											
Reconst. Conc. Driveway 6"	981	sf						5	4,904	4,904	
Reconst. Conc. Sidewalk	3,911	sf						5	19,555	19,555	
Reconst. Type F Curb and Gutter	50	lf						25	1,250	1,250	
											25,709
SECTION C- STA 13+18 TO STA 91+84											
CONSTRUCTION AIDES											
MOT	1	ls						40,000	40,000	40,000	
Tree Barricades	1	ls						2,500	2,500	2,500	
Dumpster Pulls	5	pulls						250	1,250	1,250	
Equipment Rental	1	ls						2,500	2,500	2,500	
Survey	5	ea						500	2,500	2,500	
Engineer Design	1	ls						2,500	2,500	2,500	
Inlet Protection	37	ea						100	3,700	3,700	
Seed and Sod	1	ls						3,500	3,500	3,500	
Density Testing	50	ea						20	1,000	1,000	
Asphalt Testing	10	days						480	4,800	4,800	
Road Test	2	ea						750	1,500	1,500	
											65,750
BP-2A Sitework											
Asphalt Paving- 2"	6,102	syd						12	73,224	73,224	
Asphalt Paving- 1.5"	27,562	syd						9	248,058	248,058	
Asphalt Paving SC - 1.25"	27,562	syd						6.5	179,153	179,153	
Mill Existing Pavement 2-3/4"	27,562	syd						4	110,246	110,246	
Mill Existing Pavement 2"	6,102	syd						3.5	21,356	21,356	
8" White w/W-R RPMS @20' c.c.	4,079	lf						2	8,158	8,158	
6" Yellow w/Y-Y RPMS @ 40' c.c.	10,833	lf						1.25	13,541	13,541	
6" Yellow w/Y-Y RPMS @ 20' c.c.	6,106	lf						1.25	7,632	7,632	
6" White Skip (2'-4')	2,173	lf						1	2,173	2,173	
6" White w/W-R RPMS @20' c.c.	3,693	lf						1.25	4,617	4,617	
6" White	12,157	lf						1.25	15,196	15,196	
24" White Strip	428	lf						8	3,426	3,426	
200' of 6" Dbl Yellow	8,000	lf						1.25	10,000	10,000	
18" Yellow	919	lf						6	5,512	5,512	
12" White Strip	2,194	lf						4	8,776	8,776	
RPMS	1,169	ea						6	7,014	7,014	
Pavement Message	2	sets						375	750	750	
Arrow	58	ea						125	7,250	7,250	
Bike Arrow and Symbol	43	sets						300	12,900	12,900	
Metal Signage	10	ea						300	3,000	3,000	
											741,983

NW 8th Ave. Roadway Construction - Section A and C

Oelrich Construction, Inc.

GMP Estimate

August 5, 2015



Item Description	Qty	Unit	labor			material		subcontractor		Totals	Sub Totals
			unit price	%burden	amount	unit price	amount	unit price	amount		
BP-2B Demolition											
Remove Existing Conc	6,293	sf						2	12,586	12,586	
Gutter Asphalt Clean up	12,400	lf						2	24,800	24,800	
											37,386
BP-2C Landscape											
Existing Tree to be Relocated	8	ea						1,900	15,200	15,200	
											15,200
BP-3A Concrete											
Reconst. Type F Curb and Gutter	708	lf						25	17,700	17,700	
Reconst. Conc. Sidewalk	4,744	sf						5	23,720	23,720	
Reconst. Conc. Driveway 6"	1,549	sf						5	7,745	7,745	
											49,165
Subtotal										1,547,259	1,547,259
Contingency		8%									123,781
Total Construction Costs											1,671,040
CM Fee		7%									116,973
Subtotal											1,788,013
Builders Risk Insurance											6,498
Payment and Performance Bond											18,859
General Liability Insurance		0.98%									17,523
Total											1,830,893



NW 8th Ave. Roadway Construction

August 5, 2015

List of Alternates

- Alternate 1
 - Add Four Ramps by 13th Street BridgeAdd \$14,650
 - Includes cost to remove existing curbs.
 - Includes cost for sitework.
 - Includes concrete curbs and ramps.
 - Widen sidewalk under 13th Street over pass for a share use path.
- Alternate 2
 - Pier Protection.....Add \$312,269
 - Includes cost to install front cantilever footing.
 - Includes cost to install guardrail.
 - Includes type F curb and gutter.
 - Includes cost to widening the road.
 - Includes \$30,000 water line relocation allowance.
- Alternate 3
 - Sidewalk width at 8ft in lieu of 5ft.....Add \$170,752



NW 8th Ave. Roadway Construction – Section A and C

August 5, 2015

Qualifications, Clarifications, Inclusions, and Exclusions

Division 1- General Conditions

- The estimated project construction duration will be 16 weeks.
- Work will be accomplished during normal work hours. This will include various activities which will cause loud noises.
- A Builder's Risk Insurance and General Liability Insurance policy have been included.
- A Payment and Performance Bond has been included.
- Provisions for temporary power/water are included in this proposal.
- All required temporary enclosures, storage facilities, dumpsters, toilets, signage etc. have been included as a part of the project.
- Hazardous materials removal or mitigation is not included in our price or schedule.

SECTION A- STA164+60 to STA 209+05

Division 2- Sitework

- Includes cost to mill 2 3/4" of existing pavement.
- Includes cost for 2" friction course asphalt paving.
- Includes striping, signage, and markings.
- Includes all required MOT creation, set up, and tear down.
- Includes all required testing for asphalt and concrete for roadway and sidewalks.
- Includes all required inlet protection along the roadway.
- Includes all temporary fencing around lay down area for equipment and temporary storage of MOT equipment as required.

Division 2- Demolition

- Remove existing concrete sidewalks, curbs, and driveway.

Division 2- Landscape

- Install pavers at crosswalk at NW 38th St.
- Includes a seed and mulch allowance to repair along new sidewalk repair.
- Includes 2 – Pedestrian Activated Rapid Flashing Beacons

Division 3- Concrete

- Includes concrete for pavers at crosswalk at NW 38th St.
- Includes ADA ramp for pedestrian crosswalk south and north side.
- Reconstruct concrete driveways, sidewalks, Type F curbs and gutters.

SECTION C- STA 13+18 TO STA 91+84

Division 2- Sitework

- Includes cost to mill 2" of existing pavement between STA 42 to STA 57.
- Includes cost for 2" friction course asphalt paving between STA 42 to STA 57.
- Includes cost to mill 2 3/4" of existing pavement between STA 13 to STA 42, and STA 57 to STA 91.
- Includes cost for 1 1/2" friction course asphalt paving between STA 13 to STA 42, and STA 57 to STA 91.
- Includes cost to replace 1 1/4" structural course between STA 13 to STA 42, and STA 57 to STA 91.
- Includes striping, signage, and markings.
- Includes all required MOT creation, set up, and tear down.
- Includes all required testing for asphalt and concrete for roadway and sidewalks.
- Includes all required inlet protection along the roadway.
- Includes all temporary fencing around lay down area for equipment and temporary storage of MOT equipment as required.

Division 2- Demolition

- Remove existing concrete sidewalks, curbs, and driveway.

Division 2- Landscape

- Relocated existing trees as noted.
- Includes a seed and mulch allowance to repair along new sidewalk repair.

Division 3- Concrete

- Reconstruct concrete driveways.
- Reconstruct concrete sidewalks.
- Reconstruct concrete type F curbs and gutters.



NW 8TH AVE – Section A and C

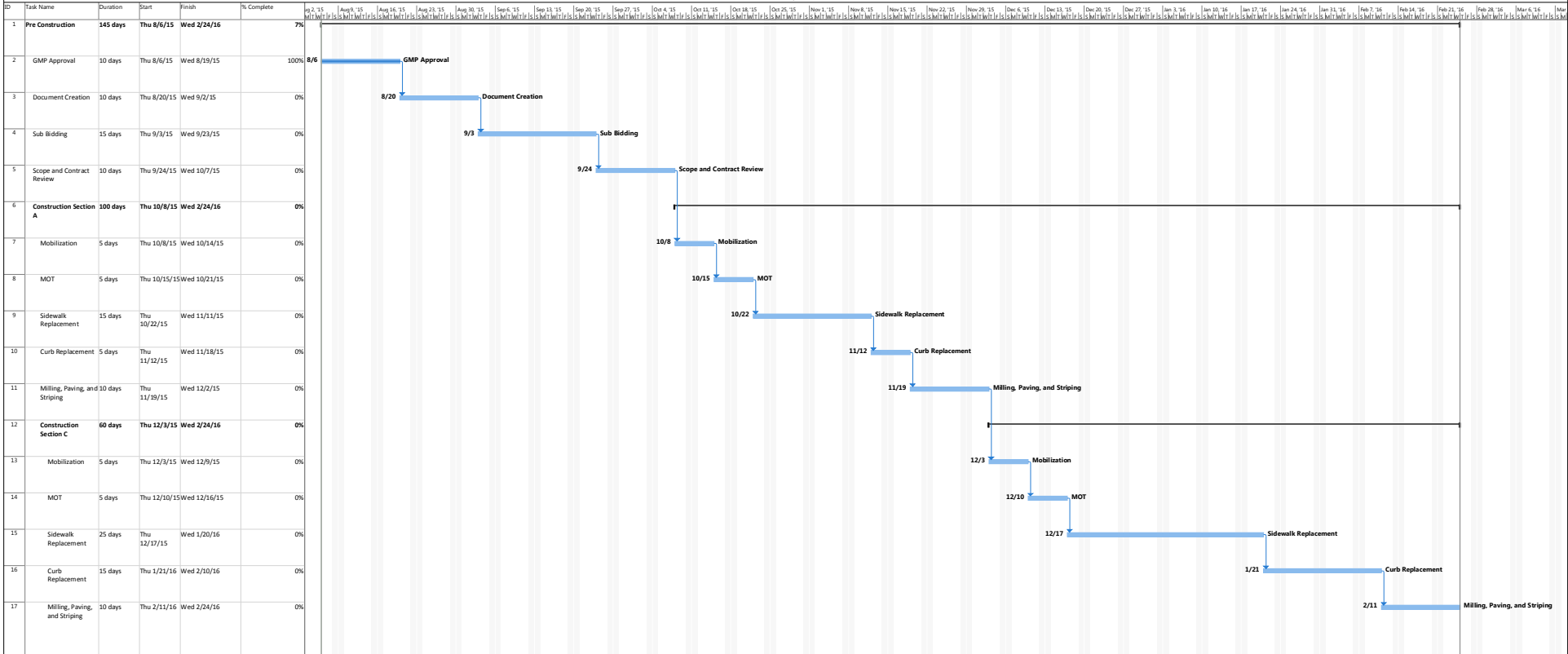
August 5, 2015

90% Documents List

<u>Sheet #</u>	<u>Description</u>	<u>Date</u>
1		5/22/2015
2	Typical Section	5/22/2015
3	Typical Section	5/22/2015
4	Typical Section	5/22/2015
5	Typical Section	5/22/2015
6	Typical Section	5/22/2015
7	General Notes	5/22/2015
8	Roadway Plan	5/22/2015
9	Roadway Plan	5/22/2015
10	Roadway Plan	5/22/2015
11	Roadway Plan	5/22/2015
12	Roadway Plan	5/22/2015
13	Roadway Plan	5/22/2015
14	Roadway Plan	5/22/2015
15	Roadway Plan	5/22/2015
16	Roadway Plan	5/22/2015
17	Roadway Plan	5/22/2015
18	Roadway Plan	5/22/2015
19	Roadway Plan	5/22/2015
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28	Roadway Plan	5/22/2015
29	Roadway Plan	5/22/2015

30	Roadway Plan	5/22/2015
31	Roadway Plan	5/22/2015
32	Roadway Plan	5/22/2015
33	Roadway Plan	5/22/2015
34	Roadway Plan	5/22/2015
35	Roadway Plan	5/22/2015
36	Roadway Plan	5/22/2015
37	Roadway Plan	5/22/2015
38	Roadway Plan	5/22/2015
39	Roadway Plan	5/22/2015
40	Traffic Control Plan	5/22/2015
41	Signage and Pavement Marking Plan	5/22/2015
42	Signage and Pavement Marking Plan	5/22/2015
43	Signage and Pavement Marking Plan	5/22/2015
44	Signage and Pavement Marking Plan	5/22/2015
45	Signage and Pavement Marking Plan	5/22/2015
46	Signage and Pavement Marking Plan	5/22/2015
47	Signage and Pavement Marking Plan	5/22/2015
48	Signage and Pavement Marking Plan	5/22/2015
49	Signage and Pavement Marking Plan	5/22/2015
50	Signage and Pavement Marking Plan	5/22/2015
51	Signage and Pavement Marking Plan	5/22/2015
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59	Signage and Pavement Marking Plan	5/22/2015
60	Signage and Pavement Marking Plan	5/22/2015
61	Signage and Pavement Marking Plan	5/22/2015
62	Signage and Pavement Marking Plan	5/22/2015
63	Signage and Pavement Marking Plan	5/22/2015
64	Signage and Pavement Marking Plan	5/22/2015
65	Signage and Pavement Marking Plan	5/22/2015
66	Signage and Pavement Marking Plan	5/22/2015
67	Signage and Pavement Marking Plan	5/22/2015
68	Signage and Pavement Marking Plan	5/22/2015
69	Signage and Pavement Marking Plan	5/22/2015
70	Signage and Pavement Marking Plan	5/22/2015
71	Signage and Pavement Marking Plan	5/22/2015
72	Signage and Pavement Marking Plan	5/22/2015

NW 8th Ave Roadway Section A and C





NW 8th Ave. Roadway Construction Section B and Culverts

August 5, 2015

90% BUDGET ESTIMATE



OELRICH
CONSTRUCTION
INC.

Phone: (352) 472-1334 Fax: (352) 472-1335
275 NW 137th Drive, Suite A, Jonesville, Florida 32669



August 5, 2015

Stefan Broadus
Project Engineer III
City of Gainesville- Public Works
P.O. Box 490
Gainesville, FL 32627

**Re: NW 8th Ave. Roadway Construction – Section B and Culverts
Budget Estimate for Construction Management Services**

Stefan:

Oelrich Construction, Inc. is pleased to present this BUDGET ESTIMATE for the construction required to complete the NW 8th Ave Roadway Project:

The BUDGET ESTIMATE for this project is:
Three Million Seven Hundred Seventy Three Thousand Four Hundred Forty Two
Dollars..... \$3,773,442.00

Please find the attached Budget overview, Budget breakdown, Qualifications, List of Alternates, Schedule, and List of Construction Documents used to generate this BUDGET ESTIMATE.

We appreciate the opportunity to be a part of this project and we look forward to its successful completion. Please feel free to contact me at any time if you have any questions.

Sincerely,

A handwritten signature in black ink, appearing to read 'Derek Dykes', written over a white background.

Derek Dykes
Project Manager

275 NW 137th Drive
Suite A
Jonesville, Florida 32669

oelrichconstruction.com

352-745-7877

CGC1510579

NW 8th Ave. Roadway Construction - Section B and Culverts

Oelrich Construction

Overview

Bid Package	Package Description	Conceptual Budget Estimate	90% Documents Budget	100% Documents Subcontractor Bid Day	(Over)/ Under
	Staff Cost		\$ 131,316		
	General Conditions		\$ 16,970		
SECTION B- STA 210+89 to STA 13+18					
BP-1A	Construction Aids/ MOT		\$ 115,500		
BP 2A	Sitework		\$ 1,013,700		
BP 2B	Demolition		\$ 115,008		
BP 2C	Hardscape		\$ 34,410		
BP 3A	Concrete		\$ 604,790		
BP 5A	Misc. Metals		\$ 17,500		
FLOODPLAIN CULVERTS					
BP 2A	Sitework		\$ 278,435		
BP 2B	Demolition		\$ 21,600		
BP 2C	Landscaping		\$ 15,000		
BP 3A	Concrete		\$ 45,000		
HOGTOWN CREEK CULVERT					
BP 2A	Sitework		\$ 411,340		
BP 2B	Demolition		\$ 25,000		
BP 2C	Landscaping		\$ 7,500		
BP 3A	Concrete		\$ 45,250		
BP 5A	Misc. Metals		\$ 4,750		
POSSUM CREEK CULVERT					
BP 2A	Sitework		\$ 207,600		
BP 2B	Demolition		\$ 30,000		
BP 2C	Landscaping		\$ 1,500		
BP 3A	Concrete		\$ 37,650		
BP 5A	Misc. Metals		\$ 2,470		
Total of Bid Packages					
		\$	-	\$	3,182,289
Contingency	8%		\$		254,583
Total of Project Costs					
		\$	-	\$	3,436,872
CM Fee	7%	\$	-	\$	240,581
Subtotal					
		\$	-	\$	3,677,453
Builders Risk Insurance			\$		13,366
Payment and Performance Bonds			\$		34,170
General Liability Insurance			\$		48,453
Total Amount					
		\$	-	\$	3,773,442 \$

NW 8th Ave. Roadway Construction - Section B and Culverts

Oelrich Construction, Inc.

Budget Estimate

August 5, 2015



Item Description	Qty	Unit	labor			material		subcontractor		Totals	Sub Totals
			unit price	%burden	amount	unit price	amount	unit price	amount		
STAFF COST											
Project Manager	12	weeks	1,923	23.76%	28,559	-	-	-	-	28,559	
Project Engineer	24	weeks	769	27.17%	23,470	-	-	-	-	23,470	
Project Superintendent	25	weeks	1,923	25.12%	60,151	-	-	-	-	60,151	
Labor Foreman (Clean up, MOT set up)	24	weeks	480	24.44%	14,335	-	-	-	-	14,335	
Superintendent Vehicle	6	months				250	1,500			1,500	
Vehicle Fuel/Oil	6	months				550	3,300			3,300	
											131,316
GENERAL CONDITIONS											
Small Tools	1	ls				1,500	1,500			1,500	
Temp Railings	1	ls				500	500			500	
Temporary Toilets	6	months				190	1,140			1,140	
Temporary Project Signage	1	ls				600	600			600	
Temporary Fencing and Gates	1,257	lf				5	6,285			6,285	
Temporary water	6	months				150	900			900	
Storage Trailer	6	months				125	750			750	
Job Telephone	6	months				130	780			780	
Field Computer Services	6	months				78	468			468	
Copy Machine	6	months				78	468			468	
Safety/First Aid Supplies	1	ls				200	200			200	
Progress Photos	12	ea				105	1,260			1,260	
Drawing Reproduction	8	sets				58	464			464	
Advertising	1	ls				105	105			105	
GMP Document Reproduction	8	sets				50	400			400	
Office Supplies	1	ls				750	750			750	
Postage and Delivery Fees	1	ls				100	100			100	
As Built Documents	2	sets				75	150			150	
Project Closeout	1	ls				150	150			150	
											16,970
SECTION B- STA 210+89 to STA 13+18											
CONSTRUCTION AIDES											
MOT	1	ls					60,000	60,000		60,000	
Tree Barricades	1	ls					3,000	3,000		3,000	
Dumpster Pulls	10	pulls					250	2,500		2,500	
Equipment Rental	1	ls					5,000	5,000		5,000	
Density Testing	200	ea					20	4,000		4,000	
Asphalt Testing	10	days					480	4,800		4,800	
Road Test	4	ea					750	3,000		3,000	
Survey	20	ea					500	10,000		10,000	
Engineer Design	1	ls					2,500	2,500		2,500	
Dewatering- Section B	1	ls					7,500	7,500		7,500	
Inlet Protection	32	ea					100	3,200		3,200	
Seed and Sod	1	ls					10,000	10,000		10,000	
											115,500

NW 8th Ave. Roadway Construction - Section B and Culverts

Oelrich Construction, Inc.

Budget Estimate

August 5, 2015



Item Description	Qty	Unit	labor			material		subcontractor		Totals	Sub Totals
			unit price	%burden	amount	unit price	amount	unit price	amount		
BP-2A Sitework											
Asphalt Paving	25,597	syd						15.5	396,754	396,754	
Milling	25,597	syd						3.5			
Demo and Export 10" Existing Roadway	9,240	cy						7.5	69,297	69,297	
Demo and Export 24" Existing Roadway	732	cy						7.5	5,490	5,490	
Limerock- 8"	32,207	syd						10	322,070	322,070	
Sub Base- 12"	2,198	syd						4	8,792	8,792	
8" White w/W-R RPMS @20' c.c.	276	lf						2	551	551	
6" Yellow w/Y-Y RPMS @ 40' c.c.	7,039	lf						1.25	8,798	8,798	
6" Yellow w/Y-Y RPMS @ 20' c.c.	3,718	lf						1.25	4,648	4,648	
6" Yellow	567	lf						1.25	708	708	
6" White w/W-R RPMS @20' c.c.	645	lf						1.25	806	806	
6" white Skip (10'-30') w/W-R RPMS @40' c.c.	7,901	lf						1	7,901	7,901	
6" White	9,926	lf						1.25	12,407	12,407	
24" White Strip	97	lf						8	774	774	
18" Yellow	334	lf						6	2,005	2,005	
12" White Strip	361	lf						4	1,442	1,442	
RPMS	847	ea						6	5,082	5,082	
Pavement Message	3	sets						375	1,125	1,125	
Arrow	6	ea						125	750	750	
Bike Arrow and Symbol	2	sets						300	600	600	
School Markings	1	sets						350	350	350	
Relocate Metal Signage	5	ea						150	750	750	
Flashing Beacons	6	ea						5,200	31,200	31,200	
Metal Signage	19	ea						300	5,700	5,700	
Adjust Inlet Top	5	ea						2,500	12,500	12,500	
Relocate Storm Drain Structure	4	ea						10,000	40,000	40,000	
Culverts Covers Relocation Allowance	2	ea						20,000	40,000	40,000	
Silt Fencing	10,000	lft						3	30,000	30,000	
Turbidity Barriers	320	lft						10	3,200	3,200	
											1,013,700
BP-2B Demolition											
Clean Existing F- curb	8,300	lft						2	16,600	16,600	
Remove Existing Conc	49,204	sf						2	98,408	98,408	
											115,008
BP-2C Hardscape											
Pavers at Median	1,710	sf						10	17,100	17,100	
Pavers at Pedestrian Crosswalk at NW 31st St.	932	sf						10	9,320	9,320	
Pavers at Pedestrian Crosswalk at NW 23rd St.	312	sf						10	3,120	3,120	
Pavers at Pedestrian Crosswalk at 238-239	487	sf						10	4,870	4,870	
											34,410
BP-3A Concrete											
Const. Conc. Sidewalk	99,350	sf						5	496,750	496,750	
ADA Ramp for Pedestrian Crosswalk	703	sf						5	3,515	3,515	
New Type D Curb	564	lf						25	14,100	14,100	
New Type F Curb and Gutter	1,787	lf						25	44,675	44,675	
Conc for Pavers at Median	3,419	sf						5	17,095	17,095	
Conc for Pedestrian Crosswalk at NW 31st St.	932	sf						5	4,660	4,660	
Conc for Pedestrian Crosswalk at NW 23rd St.	312	sf						5	1,560	1,560	
Conc for Pedestrian Crosswalk at 238-239	487	sf						5	2,435	2,435	
Retaining Wall	200	lf						50	10,000	10,000	
Repair F-Curb	1	ls						10,000	10,000	10,000	
											604,790
BP-5A Misc. Metals											
Misc. Items	1	ls						2,500	2,500	2,500	
Guard Rails	200	lf						75	15,000	15,000	
											17,500

NW 8th Ave. Roadway Construction - Section B and Culverts

Oelrich Construction, Inc.

Budget Estimate

August 5, 2015



OELRICH
CONSTRUCTION
INC.

Item Description	Qty	Unit	labor			material		subcontractor		Totals	Sub Totals
			unit price	%burden	amount	unit price	amount	unit price	amount		
FLOODPLAIN CULVERTS											
BP-2A Sitework											
Excavate 84"	1,060	cy						10	10,595	10,595	
Fill	1,060	cy						10	10,600	10,600	
Sub Base - 12" above culverts	530	cy						4	2,120	2,120	
Cut Swell	936	cy						7.5	7,020	7,020	
Rubble Ditch Lining, 18"	630	ton						90	56,700	56,700	
Replace Structure	18	ea						5,000	90,000	90,000	
New 30" RCP	576	lf						150	86,400	86,400	
Trench Boxes	1	month						3,000	3,000	3,000	
Dewatering	1	month						12,000	12,000	12,000	
											278,435
BP-2B Demolition											
Core Drill New Structure, 30"	18	ea						1,200	21,600	21,600	
											21,600
BP-2C Landscape											
Allowance	1	ls						15,000	15,000	15,000	
											15,000
BP-3A Concrete											
Pipe Miter Inlet/Outlet	18	ea						2,500	45,000	45,000	
											45,000
HOGTOWN CREEK CULVERT											
BP-2A Sitework											
Mechanical Excavation	1,200	cy						10	12,000	12,000	
Fill	1,200	cy						10	12,000	12,000	
Sheet Piles, 15'	2,400	sf						40	96,000	96,000	
Rip Rap, 30"	182	ton						90	16,380	16,380	
Dewatering	1	month						12,000	12,000	12,000	
Sediment Removal, downstream	1,530	cy						152	232,560	232,560	
Sediment Removal, upstream	200	cy						152	30,400	30,400	
											411,340
BP-2B Demolition											
Misc Demolition	1	ls						25,000	25,000	25,000	
											25,000
BP-2C Landscape											
Tree Removal	1	ls						7,500	7,500	7,500	
											7,500
BP-3A Concrete											
Concrete Slab 8"	35	cy						950	33,250	33,250	
CIP Wall, 10'	8	cy						1,500	12,000	12,000	
											45,250
BP-5A Misc. Metals											
Guard Rails	50	lf						95	4,750	4,750	
											4,750

NW 8th Ave. Roadway Construction - Section B and Culverts

Oelrich Construction, Inc.

Budget Estimate

August 5, 2015



Item Description	Qty	Unit	labor			material		subcontractor		Totals	Sub Totals
			unit price	%burden	amount	unit price	amount	unit price	amount		
POSSUM CREEK CULVERT											
BP-2A Sitework											
Mechanical Excavation	1,200	cy						10	12,000	12,000	
Fill	1,200	cy						10	12,000	12,000	
Sheet Piles, 15'	2,490	sf						40	99,600	99,600	
Rip Rap, 30"	800	ton						90	72,000	72,000	
Dewatering, 6" pump	1	month						12,000	12,000	12,000	
											207,600
BP-2B Demolition											
Misc Demolition	1	ls						30,000	30,000	30,000	
											30,000
BP-2C Landscape											
Misc Items	1	ls						1,500	1,500	1,500	
											1,500
BP-3A Concrete											
Concrete Slab 8"	27	cy						950	25,650	25,650	
CIP Wall, 10'	8	cy						1,500	12,000	12,000	
											37,650
BP-5A Misc. Metals											
Guard Rails	26	lf						95	2,470	2,470	
											2,470
Subtotal										3,182,289	3,182,289
Contingency		8%									254,583
Total Construction Costs											3,436,872
CM Fee		7%									240,581
Subtotal											3,677,453
Builders Risk Insurance											13,366
Payment and Performance Bond											34,170
General Liability Insurance		0.98%									48,453
Total											3,773,442



COG NW 8th Ave Roadway Project- Section B and Hoggtown/ Possum Creek Crossings

August 5, 2015

Narrative of Scope of Work – Section B STA 210+89 to STA 13+18

Our approach to this section is a complete removal of the lime rock base with in the roadway reconstructing a new lime rock base. This approach will allow us to keep the existing curbs in place while rebuilding the lime rock base and re paving this section of the road. Our approach to the MOT plan would be to close one lane while working on the outer lane first completing the sidewalks and roadway reconstruction together before moving to the next lane. This lane closure would be permanent until that lane is complete. We are projecting that we will be in section B for 24 weeks.

Narrative of Scope of Work – Hoggtown/ Possum Creeks and Culverts

Our approach to this area would be to begin on the Hoggtown creek crossing first and install temporary sheet piling to divert the creek flow to Possum creek so we'll be able to excavate to remove the sediment and begin to build a sub base for the concrete for proposed sediment traps. All the sediment removal will be removed, hauled, and disposed in proper land fill. Based on previsouly report the sediment at Hoggtown creek will need to be disposed of at a lined class III Landfill. We'll install permanent sheet pile walls and an 8" concrete base at each creek crossing as shown on attached sketches. Once the Hoggtown creek is complete then we'll complete the Possum creek crossing improvements since the flow should be less once Hoggtown creek begins to flow again. While these creek crossings and the roadway construction is underway and one side of roadway is shutdown we'll complete the culvert crossings one side at a time. Once both sides are connected to new storm structures then we open the culverts up to allow the water to flow through. The MOT plan for these crossings and culverts will coincide with the roadway MOT plan.



NW 8th Ave. Roadway Construction

August 5, 2015

Qualifications, Clarifications, Inclusions, and Exclusions

Division 1- General Conditions

- The estimated project construction duration will be 24 weeks.
- Work will be accomplished during normal work hours. This will include various activities which will cause loud noises.
- A Builder's Risk Insurance and General Liability Insurance policy have been included.
- A Payment and Performance Bond has been included.
- Provisions for temporary power/water are included in this proposal.
- All required temporary enclosures, storage facilities, dumpsters, toilets, signage etc. have been included as a part of the project.
- Hazardous materials removal or mitigation is not included in our price or schedule.

SECTION B- STA 210+89 to STA 13+18

Division 2- Sitework

- Includes cost to remove 10" of existing pavement, structural course, and lime rock base.
- Includes cost to rebuild road with new 8" limerock and 2" friction course.
- Includes striping, signage, and markings.
- Adjust inlet tops as noted to meet new sidewalk grades.
- Relocate storm drain structures and piping.
- Includes all required MOT creation, set up, and tear down.
- Includes all required testing for asphalt and concrete for roadway and sidewalks.
- Includes all required inlet protection along the roadway.
- Includes all temporary fencing around lay down area for equipment and temporary storage of MOT equipment as required.
- Includes 6- Pedestrian Activated Rapid Flashing Bacons as required.

Division 2- Demolition

- Remove existing concrete sidewalks, curbs, and driveway.
- Removal of all F-curbing at roadway to reconstruct the roadway and install the under drain system.
- Includes removing all existing asphalt from curbs and gutters.

Division 2- Landscape

- Install pavers at crosswalk at NW 31st St., NW 23rd St., and between STA 238-239.
- Install pavers at median.
- Relocated existing trees as noted.
- Includes a seed and mulch allowance to repair along new sidewalk repair.

Division 3- Concrete

- Includes concrete for pavers at crosswalks and median.
- Includes ADA ramp for pedestrian crosswalk south and north side.
- Reconstruct concrete driveways.
- Reconstruct concrete sidewalks.
- Reconstruct concrete type F curbs and gutters.
- Install new type D curbs.
- Install new retaining wall.
- Install new F-curb on both sides of the roadway.

Division 5- Misc Metals

- Install guard rails at new retaining wall.
- Includes an allowance to relocate guardrails as required.

FLOODPLAIN CULVERTS

Division 2- Sitework

- Includes cost to excavate 4' wide trench to remove existing 15" and 18" RCP pipes, and replace with 30" RCP pipe.
- Includes cost to replace (18) storm structures.
- Includes concrete miter ends at new RCP pipes.
- Includes cost to cut swells at each inlet/outlet and place 18" of rubble ditch lining.

Division 2- Demolition

- Includes cost to core drill new structures for new 30" RCP pipe.

Division 2- Landscape

- Includes \$15,000 landscape allowance.

Division 3- Concrete

- Includes concrete pipe miter inlet/outlets.

HOGTOWN CREEK CULVERT

Division 2- Sitework

- Includes cost for mechanical excavation.
- Includes cost for 15' sheet pile.
- Includes cost for 30" rip rap.
- Includes removing all sediment by pumps and divers within the culverts.

- Includes cost for sediment removal, hauling fees, and disposal fees of containment sediment to a class III lined landfill. (New river Landfill).
- Includes cost for dewatering.

Division 2- Demolition

- Includes cost to for miscellanies demolition items.

Division 2- Landscape

- Includes cost for tree removal.

Division 3- Concrete

- Includes 8" concrete slab and CIP concrete walls

Division 5- Misc. Metals

- Includes cost for guard rails.

POSSUM CREEK CULVERT

Division 2- Sitework

- Includes cost for mechanical excavation.
- Includes cost for 15' sheet pile.
- Includes cost for 30" rip rap.
- Includes cost for dewatering.

Division 2- Demolition

- Includes cost to for miscellanies demolition items.

Division 2- Landscape

- Includes cost for miscellanies landscape items.

Division 3- Concrete

- Includes 8" concrete slab and CIP concrete walls

Division 5- Misc. Metals

- Includes cost for guard rails.



NW 8th Ave. Roadway Construction – Section B and Culverts

August 5, 2015

90% Documents List

<u>Sheet #</u>	<u>Description</u>	<u>Date</u>
1		5/22/2015
2	Typical Section	5/22/2015
3	Typical Section	5/22/2015
4	Typical Section	5/22/2015
5	Typical Section	5/22/2015
6	Typical Section	5/22/2015
7	General Notes	5/22/2015
8	Roadway Plan	5/22/2015
9	Roadway Plan	5/22/2015
10	Roadway Plan	5/22/2015
11	Roadway Plan	5/22/2015
12	Roadway Plan	5/22/2015
13	Roadway Plan	5/22/2015
14	Roadway Plan	5/22/2015
15	Roadway Plan	5/22/2015
16	Roadway Plan	5/22/2015
17	Roadway Plan	5/22/2015
18	Roadway Plan	5/22/2015
19	Roadway Plan	5/22/2015
20	Roadway Plan	5/22/2015
21	Roadway Plan	5/22/2015
22	Roadway Plan	5/22/2015
23	Roadway Plan	5/22/2015
24	Roadway Plan	5/22/2015
25	Roadway Plan	5/22/2015
26	Roadway Plan	5/22/2015
27	Roadway Plan	5/22/2015
28	Roadway Plan	5/22/2015
29	Roadway Plan	5/22/2015

30	Roadway Plan	5/22/2015
31	Roadway Plan	5/22/2015
32	Roadway Plan	5/22/2015
33	Roadway Plan	5/22/2015
34	Roadway Plan	5/22/2015
35	Roadway Plan	5/22/2015
36	Roadway Plan	5/22/2015
37	Roadway Plan	5/22/2015
38	Roadway Plan	5/22/2015
39	Roadway Plan	5/22/2015
40	Traffic Control Plan	5/22/2015
41	Signage and Pavement Marking Plan	5/22/2015
42	Signage and Pavement Marking Plan	5/22/2015
43	Signage and Pavement Marking Plan	5/22/2015
44	Signage and Pavement Marking Plan	5/22/2015
45	Signage and Pavement Marking Plan	5/22/2015
46	Signage and Pavement Marking Plan	5/22/2015
47	Signage and Pavement Marking Plan	5/22/2015
48	Signage and Pavement Marking Plan	5/22/2015
49	Signage and Pavement Marking Plan	5/22/2015
50	Signage and Pavement Marking Plan	5/22/2015
51	Signage and Pavement Marking Plan	5/22/2015
52	Signage and Pavement Marking Plan	5/22/2015
53	Signage and Pavement Marking Plan	5/22/2015
54	Signage and Pavement Marking Plan	5/22/2015
55	Signage and Pavement Marking Plan	5/22/2015
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57	Signage and Pavement Marking Plan	5/22/2015
58	Signage and Pavement Marking Plan	5/22/2015
59	Signage and Pavement Marking Plan	5/22/2015
60	Signage and Pavement Marking Plan	5/22/2015
61	Signage and Pavement Marking Plan	5/22/2015
62	Signage and Pavement Marking Plan	5/22/2015
63	Signage and Pavement Marking Plan	5/22/2015
64	Signage and Pavement Marking Plan	5/22/2015
65	Signage and Pavement Marking Plan	5/22/2015
66	Signage and Pavement Marking Plan	5/22/2015
67	Signage and Pavement Marking Plan	5/22/2015
68	Signage and Pavement Marking Plan	5/22/2015
69	Signage and Pavement Marking Plan	5/22/2015
70	Signage and Pavement Marking Plan	5/22/2015
71	Signage and Pavement Marking Plan	5/22/2015
72	Signage and Pavement Marking Plan	5/22/2015



NW 8TH AVE

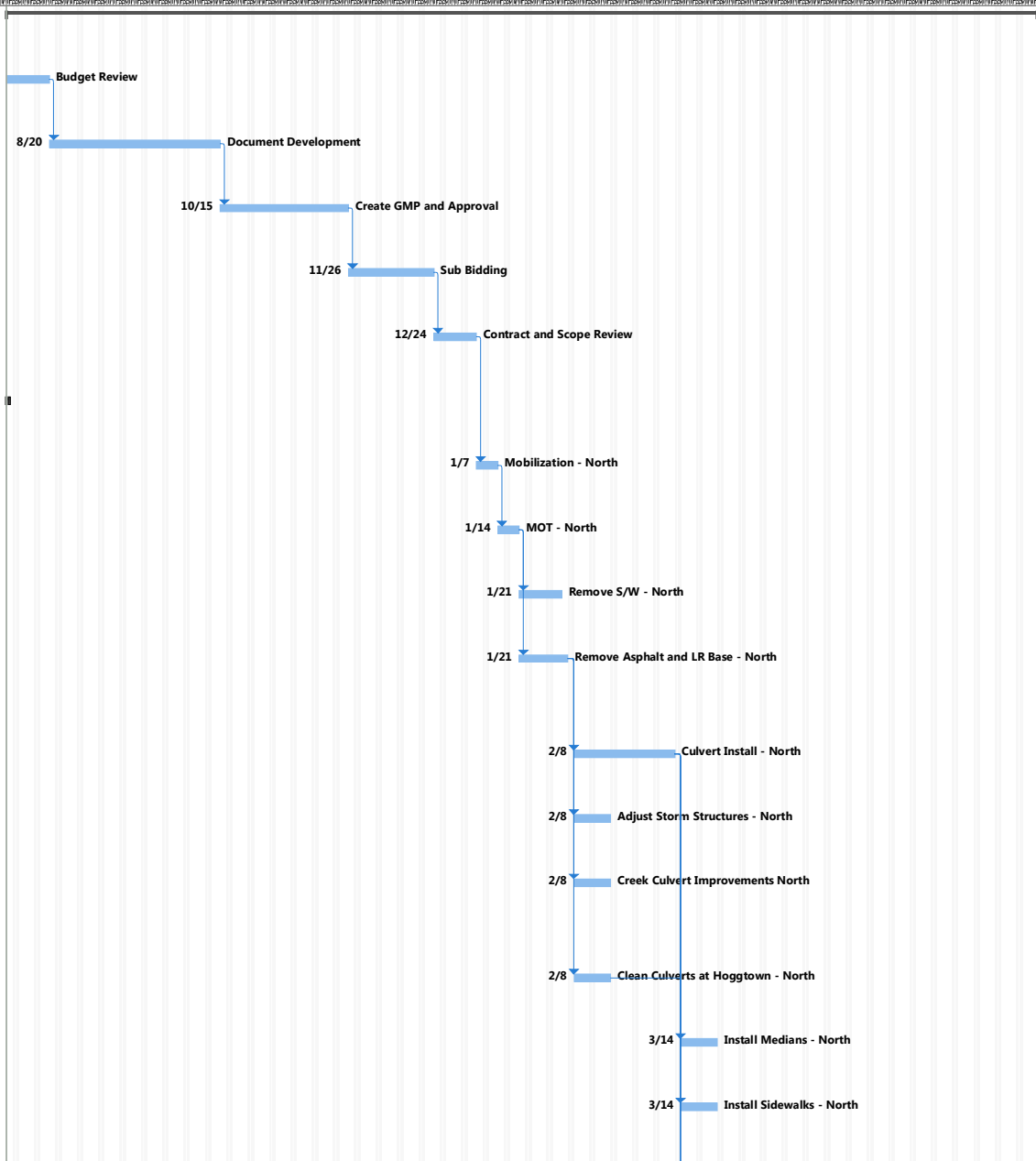
August 7th, 2015

Concept Sketch – 5% Engineering

<u>Sheet #</u>	<u>Description</u>	<u>Date</u>
1	Hogtown Creek North	07/28/2015
2	Hogtown Creek South	07/28/2015
3	Possum Creek North	07/28/2015
4	Possum Creek South	
5	Data for Existing Cross Culverts	
5	Culvert Crossing	07/28/2015
6	Hogtown Upstream Isometric	
7	Hogtown Upstream Cross Sections	
8	Hogtown Downstream	
9	Hogtown Downstream	

NW 8th Ave Roadway Section B and Culverts

ID	Task Name	Duration	Start	Finish	% Complete
1	Pre Construction	242 days	Thu 8/6/15	Fri 7/8/16	0%
2	Budget Review	10 days	Thu 8/6/15	Wed 8/19/15	0%
3	Document Development	40 days	Thu 8/20/15	Wed 10/14/15	0%
4	Create GMP and Approval	30 days	Thu 10/15/15	Wed 11/25/15	0%
5	Sub Bidding	20 days	Thu 11/26/15	Wed 12/23/15	0%
6	Contract and Scope Review	10 days	Thu 12/24/15	Wed 1/6/16	0%
7	Construction	1 day	Thu 8/6/15	Thu 8/6/15	0%
9	Mobilization - North	5 days	Thu 1/7/16	Wed 1/13/16	0%
10	MOT - North	5 days	Thu 1/14/16	Wed 1/20/16	0%
11	Remove S/W - North	10 days	Thu 1/21/16	Wed 2/3/16	0%
12	Remove Asphalt and LR Base - North	12 days	Thu 1/21/16	Fri 2/5/16	0%
13	Culvert Install - North	25 days	Mon 2/8/16	Fri 3/11/16	0%
14	Adjust Storm Structures - North	10 days	Mon 2/8/16	Fri 2/19/16	0%
15	Creek Culvert Improvements North	10 days	Mon 2/8/16	Fri 2/19/16	0%
16	Clean Culverts at Hoggstown - North	10 days	Mon 2/8/16	Fri 2/19/16	0%
17	Install Medians - North	10 days	Mon 3/14/16	Fri 3/25/16	0%
18	Install Sidewalks - North	10 days	Mon 3/14/16	Fri 3/25/16	0%



NW 8th Ave Roadway Section B and Culverts

ID	Task Name	Duration	Start	Finish	% Complete	
19	Install Curbs - North	10 days	Mon 3/14/16	Fri 3/25/16	0%	3/14 Install Curbs - North
20	Install New LR Base - North	15 days	Mon 3/14/16	Fri 4/1/16	0%	3/14 Install New LR Base - North
21	Paving and Stripping - North	5 days	Mon 4/4/16	Fri 4/8/16	0%	4/4 Paving and Stripping - North
22	Mobilization - South	5 days	Mon 4/11/16	Fri 4/15/16	0%	4/11 Mobilization - South
23	MOT - South	5 days	Mon 4/18/16	Fri 4/22/16	0%	4/18 MOT - South
24	Remove S/W - South	10 days	Mon 4/25/16	Fri 5/6/16	0%	4/25 Remove S/W - South
25	Remove Asphalt and LR Base - South	12 days	Mon 4/25/16	Tue 5/10/16	0%	4/25 Remove Asphalt and LR Base - South
26	Culvert Install - South	25 days	Mon 5/9/16	Fri 6/10/16	0%	5/9 Culvert Install - South
27	Adjust Storm Structures - South	5 days	Mon 5/9/16	Fri 5/13/16	0%	5/9 Adjust Storm Structures - South
28	Install Curbs - South	10 days	Wed 5/11/16	Tue 5/24/16	0%	5/11 Install Curbs - South
29	Install Medians - South	10 days	Wed 5/11/16	Tue 5/24/16	0%	5/11 Install Medians - South
30	Creek Culvert Improvements - South	10 days	Wed 5/11/16	Tue 5/24/16	0%	5/11 Creek Culvert Improvements - South
31	Clean Culverts at Hoggtown - South	10 days	Wed 5/11/16	Tue 5/24/16	0%	5/11 Clean Culverts at Hoggtown - South
32	Install New LR Base - South	15 days	Mon 6/13/16	Fri 7/1/16	0%	6/13 Install New LR Base - South
33	Install Sidewalks - South	10 days	Mon 6/13/16	Fri 6/24/16	0%	6/13 Install Sidewalks - South
34	Paving and Stripping - South	5 days	Mon 7/4/16	Fri 7/8/16	0%	7/4 Paving and Stripping - South