



Agenda Commentary

Item Title/ Subject: Annual Street Repairs and request for Bid

Staff Source: Stephen Jones, PWA Director

Date: February 28, 2014

History/Background Information:

Each year the City of Clinton addresses the issue of repairing or extending the life of the streets in Clinton.

Subject Summary:

Monty Proffitt Street Supervisor (20 years experienced in street maintenance), and Joe Ridley, a licensed Professional Engineer (former ODOT Engineer), reviewed Clinton streets needs. \$200,000.00 is the current budget for this year's projects. I am proposing that the budgeted amount go to overlay. Joe Ridley completed his review and inspection of Staff's proposed street overlay, which recommends no streets to be milled. In the attachment, there is a two year plan that staff recommends along with Joe Ridley's review of the areas. I am estimating that the proposed list could be over \$250,000.00 pending good bids, we would recommend do as many streets as possible on recommended list. Street Department will crack seal the streets that won't get overlaid in addition to areas that will need it prior to overlay.

Streets not able to be completed this year would become top priority next budget year.

Recommendation:

Street staff recommends these streets for this year's annual projects. City Council can always add or deduct any street on the list. Our goal was to have a good plan for our community in regards to improving roads and streets in Clinton. Joe Ridley's validation we hope can provide answer to any concerns Council may have. Street Supervisor Monty Proffitt has extensive experience and I feel his recommendations come highly qualified.

Price/Cost:

\$200,000.00 that is budgeted for this project spent on overlay.

Street Overlay 2014

<u>Street</u>	<u>Width</u>	<u>Length</u>	
1. Dunn from 5 th to 6 th (1)	24	330	_____
2. 13 th from Modelle to Jaycee (2)	32	1282	_____
3. 13 th from Gary to Nowahy (2)	36	1397	_____
4. 5 th from Nowahy to Dougherty (1)	26	590	_____
5. Regency (2)	28	2637	_____
6. Riverview (1)	28	150	_____
7. 24 th from Modelle to Hayes (2)	24	1250	_____
8. Trenton (3)	44	2092	_____
9. Terrace from 4 th to 6 th (4)	24	510	_____

- Milling is not recommended during this year.
- Drainage pipe under Riverview will be replaced with a larger one by county.
- Our goal will be to crack fill all streets that are not getting overlaid this year.

Gary Blvd Panels 2014

1. Three panels in front of Inter Bank.
2. Two panels in front of Oklahoma Bank & Trust.
3. Three east bound panels between 15th and Hayes.
4. Modelle intersection.
 - This is part of the \$50,000.00 agreement with the Oklahoma Department of Transportation. (Panels are not a bid item, just information)

Street Overlay 2015

1. 16th from Nowahy to Dougherty
2. Little from 16th to 20th

3. Rawlings from 28th to Corbin
4. Lexington from 3-way stop to end
5. Lexington from Hampton Inn entrance to Gary
6. Concord from Camelot to Lexington
7. Camelot from Lexington to Concord
8. Hayes from 11th to 13th
9. 6th from Broadway to Avant
10. E. Terrace from 2nd to Glenn Smith
11. Glenn Smith from Modelle to bridge

Slurry Seal 2015

1. 20th from Modelle to Opal
2. Opal from 19th to 20th
3. 5th from Avant to Hayes
4. Hayes from 4th to 5th
5. 30th
6. Camelot
7. Concord from Trenton to Camelot
8. 5th from Orient to Nowahy
 - Total reconstruction of 10th St. from Frisco to Modelle. While street is torn out, replace water line in that location.
 - **Total reconstruction of Commerce from Route 66 to Highway 183 will be completed during the Fall of the 2014-2015 budget.** (Part of Robinson Addition Completion)

Residential Concrete Panels

1. Eight panels on Redstone will be replaced by City Staff during the 2014-2015 budget period.

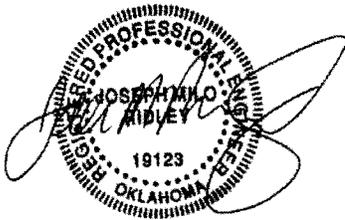
STREET RESURFACING REVIEW

FOR

THE CITY OF CLINTON OKLAHOMA

FEBRUARY 25, 2014

PREPARED BY:



*114 North Custer
Weatherford, OK 73096
joe@ridleyllc.com
(580) 695-0118*

Introduction

Ridley Engineering Group, LLC was retained to perform a review of the proposed resurfacing program for the City of Clinton Oklahoma. Mr. Joe M. Ridley, P.E. performed our review, and prepared this report.

A visual inspection was used to evaluate each section of roadway. There were no tests performed or samples taken. Quantities and dimensions were not checked or calculated and estimates were not made. Our report was based on the information available to us at this time. Should additional information become available, we reserve the right to determine the impact, if any, the new information may have on our opinions and conclusions, and to revise our opinions and conclusions if necessary and warranted.

Proposed Street Overlay 2014

Street	Existing Material	Condition	Comments
5th - Nowahy - Dougherty	Concrete	Moderate Rough	Overlay will improve ride and seal road
Regency	Asphalt	Large cracks Base good	Treat cracks prior to overlay
13th - Modelle to Jaycee	North 1/2 - Asph./Conc. South 1/2 - Asphalt	Severe to moderate cracks on N 1/2	Overlay will improve ride and seal road
13th - Gary to Nowahy	Concrete partially overlaid with asphalt	Moderate Rough	Overlay will improve ride and seal road
Terrace - 4th to 6th	Asphalt	Good	May be premature to overlay
24th - Modelle to Hayes	Concrete	Moderate	Base failures N. end and middle
Dunn - 5th to 6th	Concrete	Poor	Base failures
Trenton	Asphalt	Large Cracks Base good	Treat cracks prior to overlay
Riverview	Asphalt	Alligator Cracks	Base may need repaired

Proposed Street Overlay 2015

Street	Existing Material	Condition	Comment
16th - Nowahy to Dougherty	Asphalt (Possible Slurry)	Good Reflective Cracks	Overlay will improve ride and seal road
Littell - 16th to 20th	Asphalt (Possible Slurry)	Good Reflective Cracks	Overlay will improve ride and seal road
Rawlings - 28th to Corbin	N 1/2 - Conc. w/ overlay S 1/2 - Conc.	Moderate Rough	Overlay will improve ride and seal road
Lexington - 3-way stop to end	Asphalt	Large Cracks Base good	Treat cracks prior to overlay
Lexington - Gary to Hampton Inn	Asphalt	Minor Cracks Base good	Overlay will improve ride and seal road
Concord - Camelot to Lexington	Ashalt	Moderate Cracks Base good	Treat cracks prior to overlay
Camelot - Lexington to Concord	Ashalt	Moderate Cracks Base good	Treat cracks prior to overlay
Hayes - 11th to 13th	Asphalt over concrete	Severe reflective cracks Rough - Base good	Overlay will improve ride and seal road
6th - Broadway to Avant	Concrete	Good to moderate Moderate cracks N. end	Overlay will improve ride and seal road
E. Terrace - 2nd to Glenn Smith	Concrete	Good	Overlay will improve ride and seal road
Glenn Smith - Modelle to bridge	Asphalt	Moderate Minor alligator & transverse cracks	Overlay will improve ride and seal road

Proposed Street Slurry Seal 2015

Street	Existing Material	Condition	Comments
20th - Modelle to Opal	Recent Asphalt Overlay	Excellent	
Opal - 19th to 20th	Recent Asphalt Overlay	Excellent	
5th - Avant to Hayes	Recent Asphalt Overlay	Excellent	
Hayes - 4th to 5th	Recent Asphalt Overlay	Excellent	
30th - Hosp. to Modelle	Recent Asphalt Overlay	Minor reflective cracks	Expect cracks to reflect
Camelot	Asphalt over Concrete	Moderate to severe reflective cracks Rough	May not be good slurry candidate due to ride and cracks
Concord - Trenton to Camelot	Recent Asphalt Overlay	Minor reflective cracks	Expect cracks to reflect
5th - Orient to Nowahy	Recent Asphalt Overlay over Concrete	Minor reflective cracks	Expect cracks to reflect

Gary Blvd and Residential Panels 2014

Proposed panels all appear to be good candidates.

Reconstruction of 10th from Frisco to Modelle

This section of road is in poor condition structurally, narrow, and may need to have drainage issues addressed if reconstructed. Rebuilding pavement without disturbing the areas outside of the gutter will reduce the cost but will not allow for improved width or drainage.

Recommendations

1. 2009 ODOT Specifications or an approved equal should be used for the work performed to assure quality and performance.
2. Materials should be sampled and tested periodically to verify that the specifications are being followed.
3. The work performed should be inspected to verify that the specifications are being followed.
4. Slurry seals are brittle and may not perform well over existing cracks. Slurry seals are good treatments for roadways with very small cracks, minor raveling, oxidation, segregation, and poor skid resistance.