

PUBLIC WORKS ENGINEERING DIVISION

Inspection Summary

Permit #: PRPWFR20171746, Public Works Infrastructure Permit - Residential
Manor at Stoney Creek 2nd - street, storm, sewer and water

Address:

This work has been inspected and the inspection results noted below. Please call for re-inspection once all corrective actions have been completed. Do not cover any work until approved.

Inspection Item:

| Inspection: | Inspector: | Outcome: | Date: |
|-----------------------------|-------------------|-----------------|------------------------|
| DEI-Street - Surface Course | Brice Lawson | Partial | Friday, April 27, 2018 |

Informational

1 Brice Lawson 12/04/2017 9:39 AM

Superior Bowen began installing the Type 3 virgin surface course at 8:30am. The base temp was 63 degrees at 8:30am. The temperature of the asphalt behind the paver was 310 degrees at 8:30am and 310 degrees at 9:10am on Amethyst. A tack coat has been placed on the road. Three rollers are being used for compaction. CMTG is on site and they let me know that the compaction tests so far are passing.

Resolved

2 Enter Information about Asphalt Placement

Brice Lawson 12/04/2017 4:00 PM

Superior Bowen installed the Type 3 virgin asphalt on the roads at this site. A tack coat of SS-1HP was applied to the base prior to laying the surface. It appeared that at least 2" of surface was being installed.

The north bound lane of SW Grindstone from STA. 0+00 to approx. STA. 2+00 was installed in the rain. The pavement surface was soaked the asphalt was separating as it was being rolled. Nathan and Dennis with Superior plan to remove and replace the surface asphalt in this lane.

Make proper repairs to the asphalt surface.

Brice Lawson 12/06/2017 4:14 PM

The surface of the northbound lane of Grindstone was milled and replaced today.

RESOLVED

After the surface was installed at STA. 0+00 on Grindstone a rain storm moved in. There

was an approx. 30' long puddle of water that collected at the seam where Grindstone ties into SW County Line Rd. Nathan and Dennis with Superior Bowen said that this puddle is due to the existing road slope and that they could not get this puddle to drain by changing the slopes of their work.

Make proper repairs to achieve proper drainage.

Brice Lawson 03/29/2018 9:57 AM

A plan has been approved by the City to install a valley gutter at Grindstone and County Line Rd to fix the drainage issue. Eastbound County Line Rd has been shutdown. The detour signs have been set up. The crew is on site and they have made to sawcuts and are removing the pavement. They plan to pour the valley gutter today.

Brice Lawson 04/06/2018 1:16 PM

The valley gutter has been installed with 4K KCMMB concrete. It appears that the valley gutter will drain. The slope of the valley gutter was spot checked at the flowline and there is between .2% to .8% slope from east to west. The slope is falling towards the west. Sawcut contraction joints have been installed in the valley gutter. The testing report shows the 7 day compressive strength to be at 3890 p.s.i.

Provide the 28 day test report.

Brice Lawson 04/27/2018 2:20 PM

The 28 day curb compressive strength report has been submitted and shows that the 28 day compressive strength was at 5590 psi and 5660 psi.

Informational

3 Brice Lawson 12/06/2017 11:14 AM

Dennis with Superior Bowen informed me that they are going to mill and replace only the northbound lane of Grindstone. They are not going to mill any of County Line Rd where Matt Schilcht shows on the drawing to get the water to drain properly.

Informational

4 Brice Lawson 12/06/2017 11:27 AM

I called Thomas with Redford to let him know that Superior is on site and they are not going to mill county line per the plan that Engineering SOLUTIONS submitted to fix the drainage issue on Grindstone.

Informational

5 Brice Lawson 12/06/2017 1:26 PM

Superior Bowen has milled the northbound lane of SW Grindstone from County Line Rd to the approx. C/L of Merryman Ln. Tack oil has been applied to the area that has been milled. The asphalt temperature directly behind the paver was 315 degrees. The base temperature was 47 degrees. The surface asphalt has been installed on the northbound lane of Grindstone.

Informational

6 Brice Lawson 12/13/2017 8:09 AM

The testing report for the compacted asphalt surface using the nuclear gauge has been submitted. It appears that all of the test show the in-place density to be over 96%.

Informational

7 Brice Lawson 03/29/2018 2:45 PM

The concrete valley gutter has been installed at Grindstone and County Line Rd. 4k KCMMB4KF4 concrete mix was used. This mix is KCMMB approved. The contractor plans to cover the concrete with blankets overnight.

Informational

8 Brice Lawson 04/02/2018 2:16 PM

The concrete blankets have been removed from the valley gutter at Grindstone and County Line Rd. The temporary traffic control work zone has been removed. The traffic is back to normal flow along SW County Line Rd.

Comments:
