



Poplar Crescent Reconstruction

Public Information Centre

January 11, 2024



Introductions

Thank you for attending this Public Information Centre.

Information boards are set up around the room. Please take your time to review. If you have any questions, we are more than happy to assist.

Hosts

Town of Aurora

- Dan Vink, Municipal Engineer



Ainley Group | Design Consultant

- Courtney Hough, Project Manager
- Josh McLean, Design Technologist



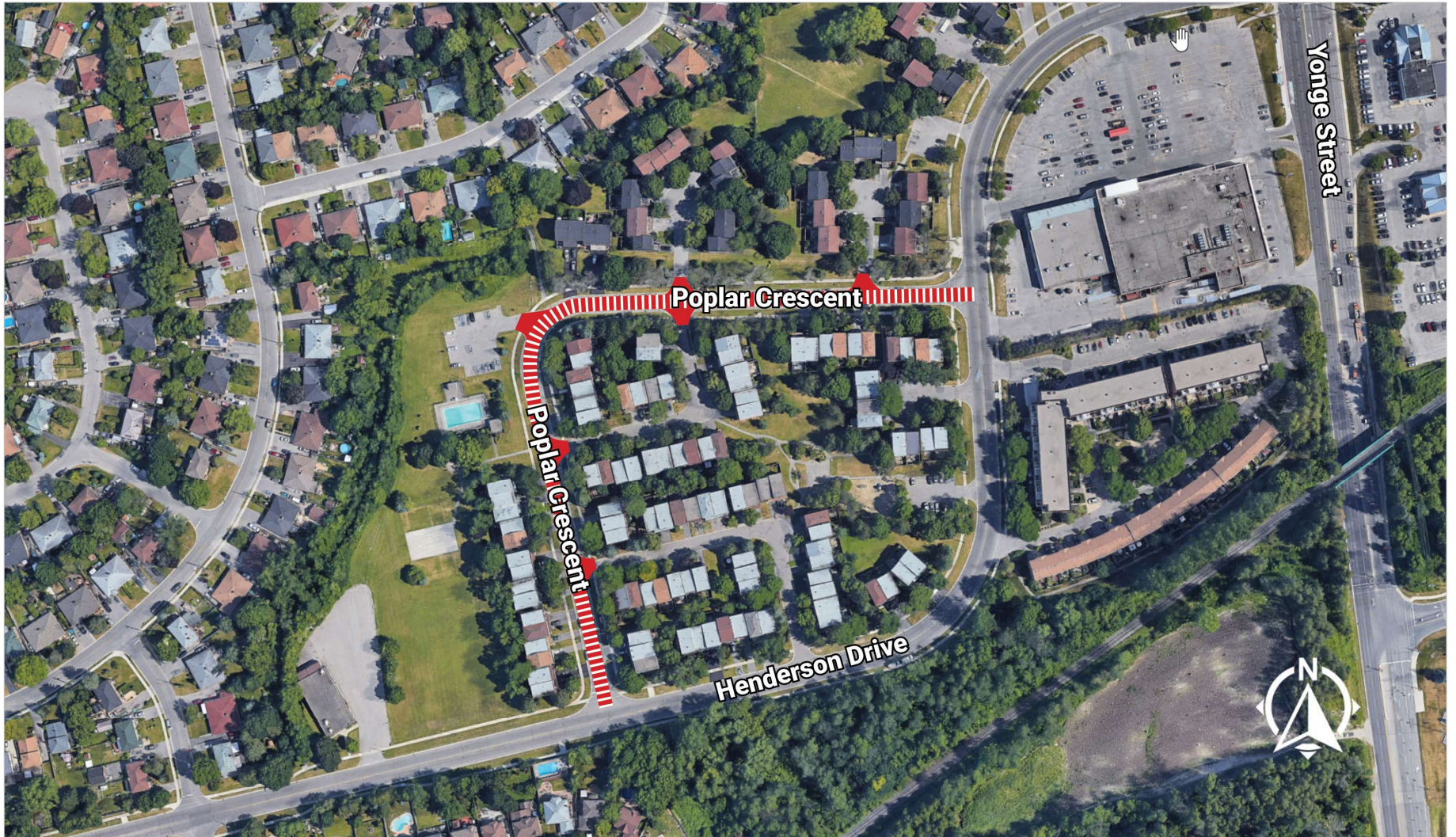
Land Acknowledgement

The Town of Aurora acknowledges that the Anishinaabe lands on which we live and work are the traditional and treaty territory of the Chippewas of Georgina Island, as well as many other Nations whose presence here continues to this day. As the closest First Nation community to Aurora, we recognize the special relationship the Chippewas have with the lands and waters of this territory. They are the water protectors and environmental stewards of these lands, and as a municipality we join them in these responsibilities.

We further acknowledge that Aurora is part of the treaty lands of the Mississaugas and Chippewas, recognized through Treaty #13 as well as the Williams Treaties of 1923.

A shared understanding of the rich cultural heritage that has existed for centuries, and how our collective past brought us to where we are today, will help us walk together into a better future.

Project Location



The project extends the length of Poplar Crescent from Henderson Drive to Henderson Drive.

Project Timeline



Scope of Work

Water Distribution Works

- Replace existing 150mm diameter metallic watermain with new 200mm diameter PVC watermain.
- Replace existing services up to the property line.
- The new watermain will be installed on the opposite side of the street so the existing watermain can remain live during construction.



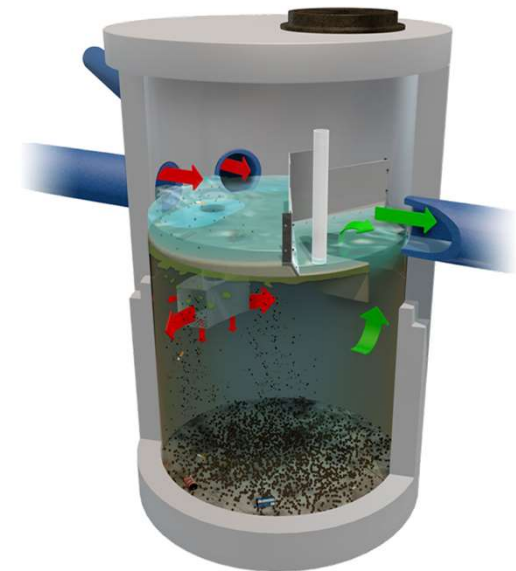
Sanitary Drainage Works

- Replace existing sanitary system with new 200mm diameter PVC sanitary sewers and maintenance holes.
- Install new PVC sanitary services up to the property line.

Scope of Work

Storm Drainage Works

- Replace existing storm systems with new storm sewers, maintenance holes and catch basins.
- Larger pipes will be installed within portions of the new storm systems to provide additional capacity.
- Install new PVC storm services up to the property line.
- Install an oil-git separator and catch basin insert devices to treat local storm drainage prior to discharging to the creek.



Scope of Work

Road Reconstruction Works

- Replace existing concrete sidewalks and concrete curb and gutter.
- Replace the existing road structure with new granular road base and two (2) lifts of asphalt.
- Replace existing driveway aprons and private road entrances up to the property line.



Street Lighting Works

- Replace street light poles and fixtures.

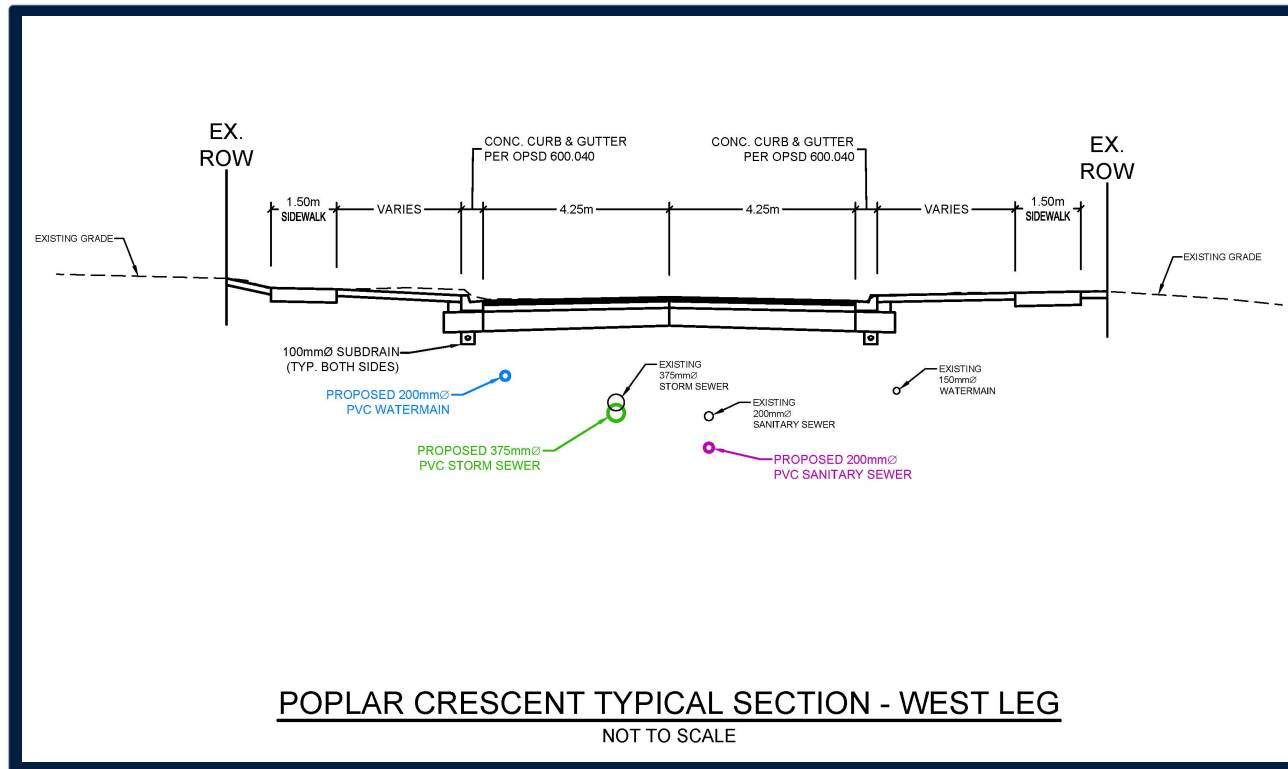
Scope of Work

Improvements to Private Road Entrances/Intersections

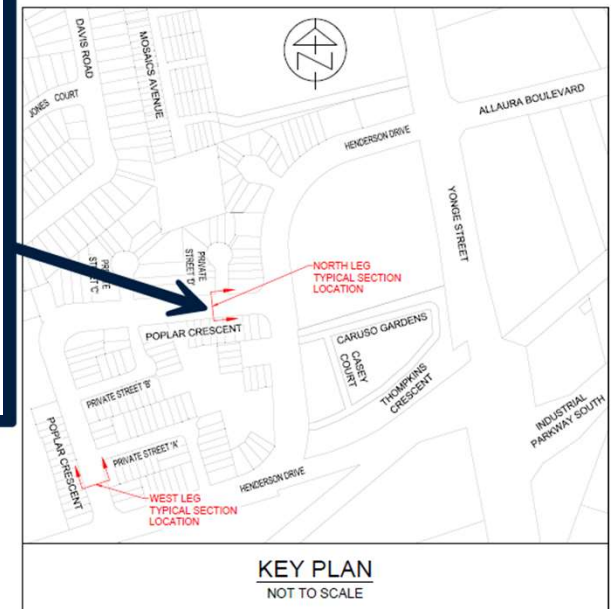
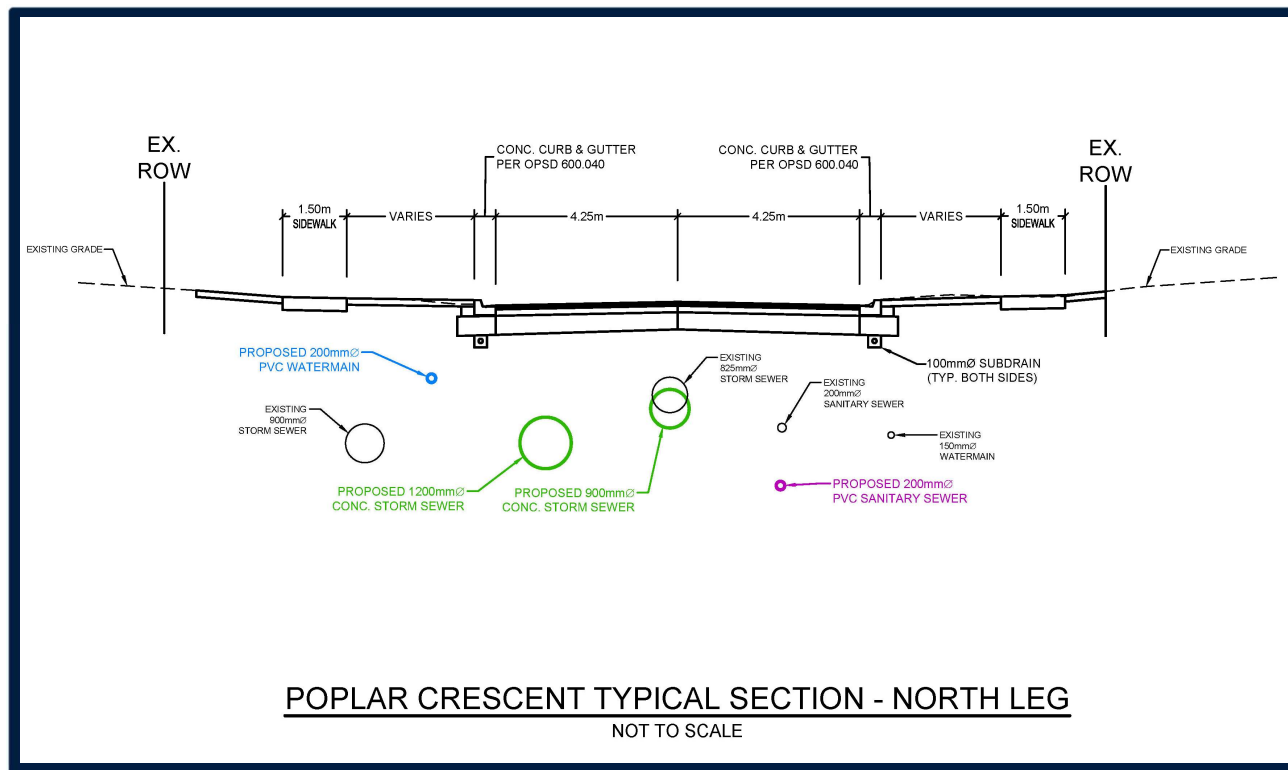
- Install continuous depressed curb and gutter through each private road entrance to better delineate them as “private” roads.
- Install tactile plates at sidewalk to curb ramps for AODA (Accessibility for Ontarians with Disabilities Act) compliance.
- Install property line maintenance holes within each private road entrance as part of the sewer replacement works to delineate the “private” and “Town” owned sewer segments. Replace existing services up to the property line.



Typical Detail | Poplar Crescent West Leg



Typical Detail | Poplar Crescent North Leg



Overview of Construction Process

Phase	Description
Site Preparation	<ul style="list-style-type: none"> ▪ Pruning/removal of trees and shrubs ▪ Installation of tree protection fencing and sedimentation controls ▪ Utility locates ▪ Removals of existing pavement
Underground Work	<ul style="list-style-type: none"> ▪ Replacement of watermain, valves, hydrants and water services ▪ Replacement of storm sewers, catchbasins, maintenance holes and services ▪ Replacement of sanitary sewer, maintenance holes and services
Earth Work	<ul style="list-style-type: none"> ▪ Road excavation and re-grading of road & boulevard ▪ Placement of new road granular materials
Electrical Work	<ul style="list-style-type: none"> ▪ Light pole replacement and electrical conduit installation
Concrete Work	<ul style="list-style-type: none"> ▪ New curb & gutter and sidewalk
Asphalt Work	<ul style="list-style-type: none"> ▪ Road and driveway paving
Restoration	<ul style="list-style-type: none"> ▪ Topsoil and sodding ▪ Pavement markings and reinstatement of traffic signs ▪ Site clean-up

Construction Impacts and Mitigation

Impacts	Mitigation
<p>Road Closed Local Traffic Only</p>	<p>Traffic Control Persons will be on site to direct local traffic during the working day. Delays should be expected.</p>
<p>Water / Sanitary Service Disruption</p>	<p>There will be times when water and sanitary services will be temporarily disrupted for a required construction activity. Advanced notices will be distributed to notify homeowners of these planned service interruptions however, there may be instances of breaks during construction which require emergency shutdown with no notice.</p>
<p>Utilities</p>	<p>The Contractor will be responsible for locating the existing utilities during construction and working around them however, the location of the individual services are usually unknown and breaks should be expected.</p>
<p>Driveway Access Disruption due to Curb, Sidewalk and Paving works</p>	<p>There will be times when driveway access will be restricted due to a required construction activity. Advanced notices will be distributed to notify homeowners of the driveway impact schedule and temporary parking locations.</p>

Construction Impacts and Mitigation

Impacts	Mitigation
Construction Dust	Dust during construction should be expected however, the Contractor will mitigate dust by use of water and calcium. Use of water as dust control is limited. If using water will result in excess mud that will be tracked onto the road calcium will be used instead.
Dirt Tracking	Street sweeping will be completed as necessary for removal of dirt/mud that is tracked onto adjacent streets outside of the construction zone.
Construction Noise	Construction activities will generally be restricted to 7am to 7pm during weekdays (except for emergency repairs or other special circumstances, if required). There may be times the Contractor works on Saturdays.

Construction Impacts and Mitigation

Impacts	Mitigation
Grassed Boulevard Area Disturbed	The boulevard will be restored with new sod. In addition to the watering of sod by the Contractor, frequent watering by residents is strongly recommended.
Trees	An arborist report was completed during the design phase. Several trees within the construction zone have been designated for removal to facilitate the works. Tree protection fencing will be installed around trees not designated for removal in accordance with the arborist report. New trees will be planted to compensate for the trees that will be removed.

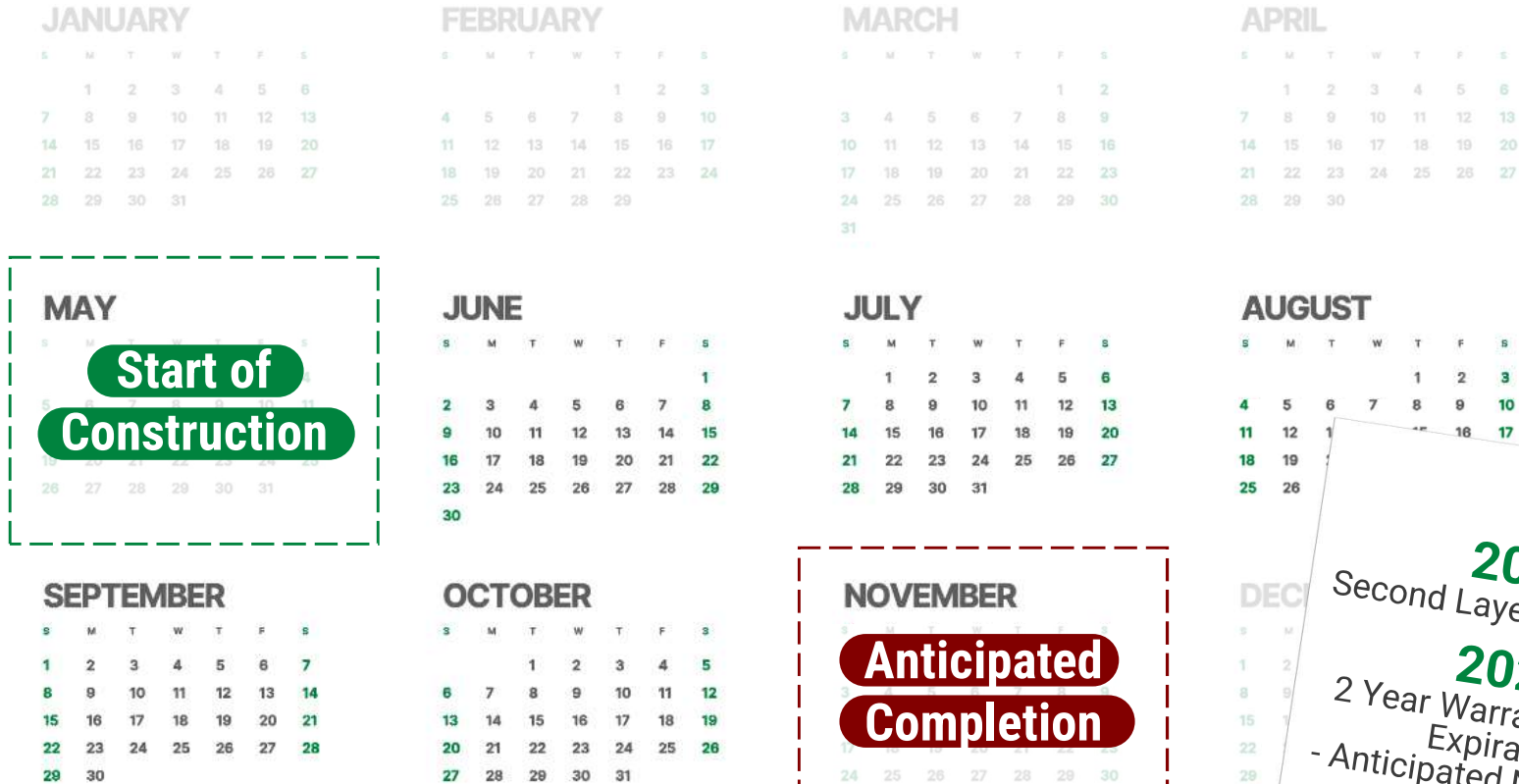
Construction Notification

- Prior to the start of construction, the Town will issue construction notices to notify the homeowners of the scheduled start date.
- For any planned temporary water or sanitary service disruption during construction, the Contractor will provide a minimum 2-day advanced notice to inform the homeowners of the temporary service shutdown. There may be instances of breaks that require emergency shut downs with no notice.
- For any temporary driveway access disruption during construction, the Contractor will provide a minimum 1-day advanced notice to inform the homeowners of the temporary on-street parking locations.



Construction Schedule

2024



1. The second layer of asphalt is typically placed a year after the first layer, in case there are any defects in the first layer of asphalt, such as settlement. This allows us time to identify any defects and correct them before the second layer (top course) of asphalt is placed.