

Pavement

Profile and Alignment

Place the proposed pavement to follow the alignment of the existing pavement. Previous construction plans showing the original alignment are available for inspection at the ODOT District 12 office. Place the proposed asphalt concrete as shown on the typical sections. The intent of the plans is to maintain the existing profile.

Asphalt Concrete Surface Course Sealing Requirements

In addition to the gutter sealing requirements specified in SCD BP-3.1 and C&MS 401.15, after completion of the surface course, the contractor shall use a certified 702.01 PG binder to seal the following locations:

- All castings including but not limited to monuments, manholes, water valves, catch basins, curb inlets.
- Butt joints and feather joints including bridge approaches.
- Forward joint for driveway asphalt and trailing joint when butting to existing asphalt drive.
- Perimeter of all pavement repairs or other asphalt inlays when pavement repairs/inlays are not overlaid with an asphalt concrete surface course.
- All cold longitudinal joints between paved shoulders and guardrail asphalt.

The material used shall be a certified 702.01 PG binder. The width of the sealer shall be 2-3 inches.

Any additional costs associated with the work identified in this note shall be included in the appropriate asphalt concrete surface course item of work.

Item 251 – Partial Depth Pavement Repair (441), As Per Plan

This item shall be used to repair unsound, cold patch, or pop-out areas of pavement joints as directed by the Engineer. This work shall be performed after the planing operation prior to resurfacing. The depth of the repair shall be 3" below the top of the existing asphalt surface. The width of the repair shall be 12" centered over the existing joint.

The following estimated quantity has been carried to the General Summary:

Item 251 – Partial Depth Pavement Repair..... **300 SY**

Item 252 – Full Depth Rigid Pavement Removal and Flexible Replacement

This work shall be performed at locations as determined by the engineer.

The replacement material shall conform to Item 301 at a depth of 12 inches.

Item 252 – Full Depth Rigid Pavement Removal and Flexible Replacement..... **500 SY**

Item 252 – Full Depth Pavement Sawing..... **1250 Ft**

Item 253 – Pavement Repair, As Per Plan

This work item is for use as directed by the Engineer for the purpose of pavement repair. All labor and material necessary to perform this work and section 250 of the CMS shall be included for payment under Item 253.

The depth of pavement repair removal shall typically be 4" measured after the pavement has been planed. The replacement material shall be Item 441 Type 2. The material encountered to be removed could be the existing asphalt layers or brick. The depth of repair shall be as directed by the Engineer if unsound material is encountered after the removal of the 4".

The following estimated quantity has been carried to the General Summary:

Item 253 – Pavement Repair, As Per Plan **100 CY**

Item 254 – Pavement Planing, Asphalt Concrete, As Per Plan

This item shall be used to remove the existing asphalt overlay full width at an average depth of (3.0") three inches on the mainline, (2.5") two and one half inches on structure LAK-20-29.76, and (1.5") one and one half inches on side streets. Areas which have transverse wedges (butt joints) are to be removed in two passes as required for maintaining traffic. No additional payment shall be made for the second pass.

Item 441 – Asphalt Concrete Surface Course, Type 1, (446), As Per Plan

The coarse virgin aggregate for this item shall consist of a blend of 60% min. air cooled blast furnace slag (ACBFS) or Trap Rock from Ontario with limestone comprising the remaining percentage.

Use a PG70-22M binder for this item.

Item 608 - Curb Ramp, As Per Plan

Under this pay item, the Contractor shall be responsible for laying out American with Disabilities Act (ADA) compliant curb ramps and landings that comply with the requirements of ODOT Standard Construction Drawing BP-7.1. Curb ramp types are indicated on the plans for estimating purposes only. The type of curb ramp is subject to change due to field conditions, and shall be determined in the field to fit best. No additional payment will be made if a curb ramp of a type other than the type indicated on the plans is used.

Payment shall include any additional costs for surveying, construction layout and formwork necessary to comply with the requirements of ODOT C&MS, Std. Dwg. BP-7.1 and project plans.

The time between the walk removal and new curb ramp placement shall not exceed 14 calendar days. Any curb ramp not meeting ADA and ODOT requirements will be removed and replaced by the contractor, at his/her cost, to the satisfaction of District 12.

The Department will pay for accepted quantities at the contract price for Item 608 – Curb Ramp, By Type, As Per Plan, Square Foot.

Structures

Item 512 – Membrane Waterproofing, Type 3

This item shall be used to apply Membrane Waterproofing, Type 3 to structure LAK-20-29.76 (SFN 4302400). Waterproofing shall be applied as per C&MS 512.08 section H.

