

**WEST VIRGINIA DEPARTMENT OF TRANSPORTATION**

**DIVISION OF HIGHWAYS**

**SPECIAL PROVISION**

**FOR**

**STATE PROJECT NUMBER:** \_\_\_\_\_

**FEDERAL PROJECT NUMBER:** \_\_\_\_\_

**SECTION 604**

**HIGH DENSITY POLYETHYLENE (HDPE) PIPE LINER**

**604.1 – DESCRIPTION:**

**ADD THE FOLLOWING TO THE SECTION:**

**604.1.1 – Description:** The purpose of this special provision is to describe the work and material required to line an existing pipe with a new high density polyethylene (HDPE) pipe liner.

**604.2 – MATERIALS:**

**ADD THE FOLLOWING TO THE SECTION:**

**604.2.1 – Materials:** The new liner pipe shall be solid wall HDPE in accordance with AASHTO M 326-08. The pipe shall have a Standard Dimension Ratio (SDR) of 32.5.

**604.6 – LAYING AND JOINING:**

**ADD THE FOLLOWING TO THE SECTION:**

**604.6.4 – High Density Polyethylene (HDPE) Pipe Liner:** Installation for a new high density polyethylene (HDPE) pipe liner shall meet the following requirements.

**604.6.4.1 – Installation:** The work covered under this section includes furnishing all labor, materials and equipment required for installing a new HDPE liner within an existing pipe. Minor work may be required to prepare the existing pipe for insertion of the new HDPE liner pipe. Remove all objects from the existing pipe that could damage the new pipe or obstruct the flow of grout within the annular space between the existing and new pipes. Such objects could include sediment, debris, or failed edges of the existing pipe which

intrude into the opening of the pipe. Measures must be taken to ensure that the new liner pipe is centered within the existing pipe.

**604.14 – PAY ITEMS:**

**ADD THE FOLLOWING TO THE TABLE:**

<b>ITEM</b>	<b>DESCRIPTION</b>	<b>UNIT</b>
604055-042	22 INCH, LINING PIPE CULVERTS	LINEAR FOOT
604055-050	28 INCH, LINING PIPE CULVERTS	LINEAR FOOT
604055-058	34 INCH, LINING PIPE CULVERTS	LINEAR FOOT
604055-066	42 INCH, LINING PIPE CULVERTS	LINEAR FOOT
604055-080	54 INCH, LINING PIPE CULVERTS	LINEAR FOOT