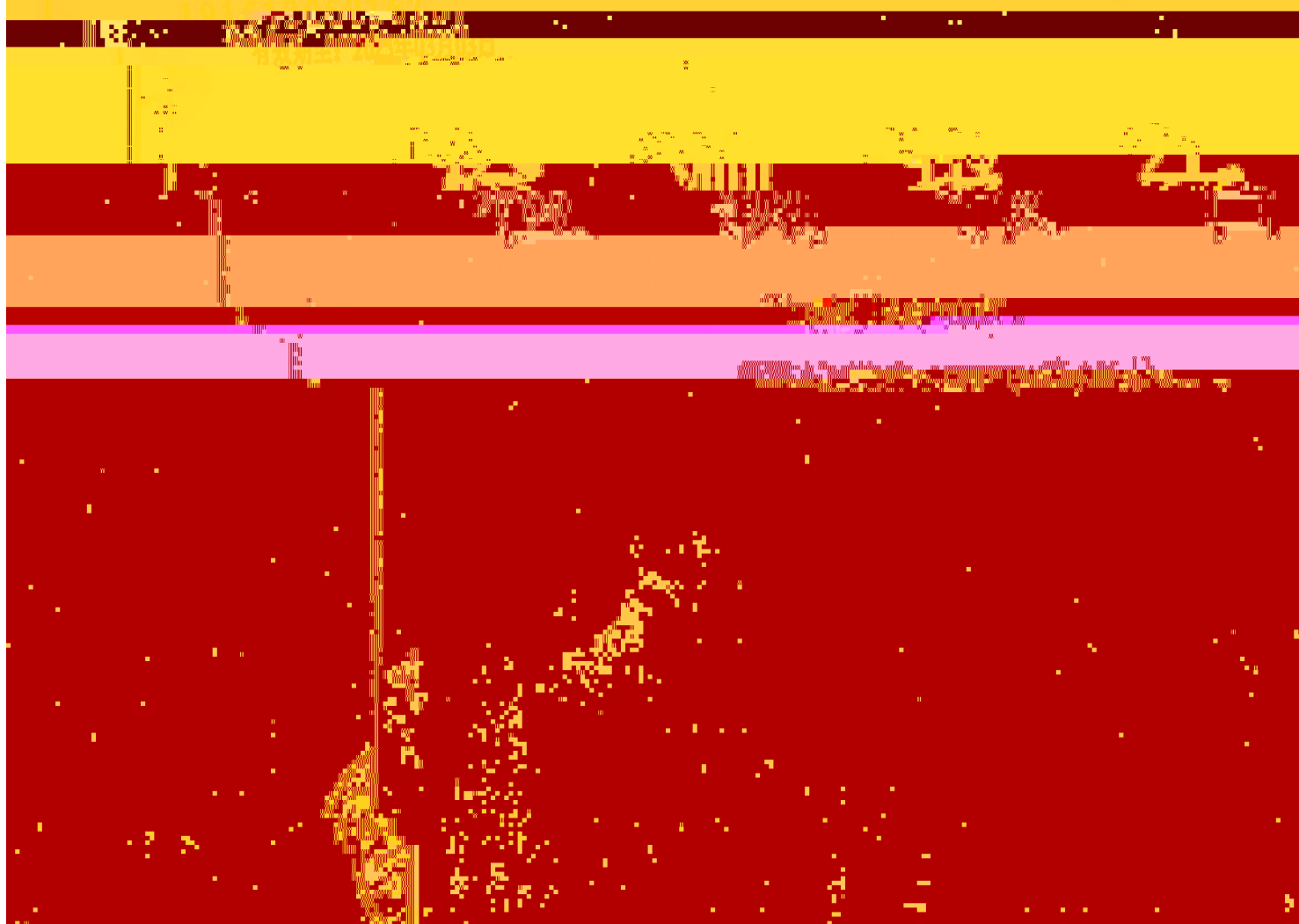




MA
Mechanical Engineering



Project Name: Mechanical Engineering

Project

Project Name



Engineering Testing Technology Co., Ltd.



扫描全能王 创建

一、检测结果

1、有组织废气检测结果

[illegible]

Figure 1 is a cross-sectional diagram of a road pavement structure. The diagram shows the following layers from top to bottom:

- Asphalt Layer:** Indicated by a thick black line at the top.
- Base Layer:** Indicated by a layer below the asphalt.
- Sub-base Layer:** Indicated by a layer below the base.
- Subgrade:** The bottom-most layer, indicated by a hatched pattern.

The diagram includes various labels and dimensions for each layer, such as thicknesses and material types. A legend at the bottom right explains the symbols used for different materials and their properties.

Legend:

- Material Symbols:**
 - Asphalt (indicated by a thick black line)
 - Base (indicated by a layer with a specific pattern)
 - Sub-base (indicated by a layer with a specific pattern)
 - Subgrade (indicated by a hatched pattern)
- Dimensions and Properties:**
 - Thicknesses (e.g., 10cm, 15cm, 20cm)
 - Material types (e.g., AC-13, AC-20, AC-25, AC-30, AC-40, AC-50, AC-60, AC-70, AC-80, AC-90, AC-100, AC-110, AC-120, AC-130, AC-140, AC-150, AC-160, AC-170, AC-180, AC-190, AC-200, AC-210, AC-220, AC-230, AC-240, AC-250, AC-260, AC-270, AC-280, AC-290, AC-300, AC-310, AC-320, AC-330, AC-340, AC-350, AC-360, AC-370, AC-380, AC-390, AC-400, AC-410, AC-420, AC-430, AC-440, AC-450, AC-460, AC-470, AC-480, AC-490, AC-500, AC-510, AC-520, AC-530, AC-540, AC-550, AC-560, AC-570, AC-580, AC-590, AC-600, AC-610, AC-620, AC-630, AC-640, AC-650, AC-660, AC-670, AC-680, AC-690, AC-700, AC-710, AC-720, AC-730, AC-740, AC-750, AC-760, AC-770, AC-780, AC-790, AC-800, AC-810, AC-820, AC-830, AC-840, AC-850, AC-860, AC-870, AC-880, AC-890, AC-900, AC-910, AC-920, AC-930, AC-940, AC-950, AC-960, AC-970, AC-980, AC-990, AC-1000, AC-1010, AC-1020, AC-1030, AC-1040, AC-1050, AC-1060, AC-1070, AC-1080, AC-1090, AC-1100, AC-1110, AC-1120, AC-1130, AC-1140, AC-1150, AC-1160, AC-1170, AC-1180, AC-1190, AC-1200, AC-1210, AC-1220, AC-1230, AC-1240, AC-1250, AC-1260, AC-1270, AC-1280, AC-1290, AC-1300, AC-1310, AC-1320, AC-1330, AC-1340, AC-1350, AC-1360, AC-1370, AC-1380, AC-1390, AC-1400, AC-1410, AC-1420, AC-1430, AC-1440, AC-1450, AC-1460, AC-1470, AC-1480, AC-1490, AC-1500, AC-1510, AC-1520, AC-1530, AC-1540, AC-1550, AC-1560, AC-1570, AC-1580, AC-1590, AC-1600, AC-1610, AC-1620, AC-1630, AC-1640, AC-1650, AC-1660, AC-1670, AC-1680, AC-1690, AC-1700, AC-1710, AC-1720, AC-1730, AC-1740, AC-1750, AC-1760, AC-1770, AC-1780, AC-1790, AC-1800, AC-1810, AC-1820, AC-1830, AC-1840, AC-1850, AC-1860, AC-1870, AC-1880, AC-1890, AC-1900, AC-1910, AC-1920, AC-1930, AC-1940, AC-1950, AC-1960, AC-1970, AC-1980, AC-1990, AC-2000, AC-2010, AC-2020, AC-2030, AC-2040, AC-2050, AC-2060, AC-2070, AC-2080, AC-2090, AC-2100, AC-2110, AC-2120, AC-2130, AC-2140, AC-2150, AC-2160, AC-2170, AC-2180, AC-2190, AC-2200, AC-2210, AC-2220, AC-2230, AC-2240, AC-2250, AC-2260, AC-2270, AC-2280, AC-2290, AC-2300, AC-2310, AC-2320, AC-2330, AC-2340, AC-2350, AC-2360, AC-2370, AC-2380, AC-2390, AC-2400, AC-2410, AC-2420, AC-2430, AC-2440, AC-2450, AC-2460, AC-2470, AC-2480, AC-2490, AC-2500, AC-2510, AC-2520, AC-2530, AC-2540, AC-2550, AC-2560, AC-2570, AC-2580, AC-2590, AC-2600, AC-2610, AC-2620, AC-2630, AC-2640, AC-2650, AC-2660, AC-2670, AC-2680, AC-2690, AC-2700, AC-2710, AC-2720, AC-2730, AC-2740, AC-2750, AC-2760, AC-2770, AC-2780, AC-2790, AC-2800, AC-2810, AC-2820, AC-2830, AC-2840, AC-2850, AC-2860, AC-2870, AC-2880, AC-2890, AC-2900, AC-2910, AC-2920, AC-2930, AC-2940, AC-2950, AC-2960, AC-2970, AC-2980, AC-2990, AC-3000, AC-3010, AC-3020, AC-3030, AC-3040, AC-3050, AC-3060, AC-3070, AC-3080, AC-3090, AC-3100, AC-3110, AC-3120, AC-3130, AC-3140, AC-3150, AC-3160, AC-3170, AC-3180, AC-3190, AC-3200, AC-3210, AC-3220, AC-3230, AC-3240, AC-3250, AC-3260, AC-3270, AC-3280, AC-3290, AC-3300, AC-3310, AC-3320, AC-3330, AC-3340, AC-3350, AC-3360, AC-3370, AC-3380, AC-3390, AC-3400, AC-3410, AC-3420, AC-3430, AC-3440, AC-3450, AC-3460, AC-3470, AC-3480, AC-3490, AC-3500, AC-3510, AC-3520, AC-3530, AC-3540, AC-3550, AC-3560, AC-3570, AC-3580, AC-3590, AC-3600, AC-3610, AC-3620, AC-3630, AC-3640, AC-3650, AC-3660, AC-3670, AC-3680, AC-3690, AC-3700, AC-3710, AC-3720, AC-3730, AC-3740, AC-3750, AC-3760, AC-3770, AC-3780, AC-3790, AC-3800, AC-3810, AC-3820, AC-3830, AC-3840, AC-3850, AC-3860, AC-3870, AC-3880, AC-3890, AC-3900, AC-3910, AC-3920, AC-3930, AC-3940, AC-3950, AC-3960, AC-3970, AC-3980, AC-3990, AC-4000, AC-4010, AC-4020, AC-4030, AC-4040, AC-4050, AC-4060, AC-4070, AC-4080, AC-4090, AC-4100, AC-4110, AC-4120, AC-4130, AC-4140, AC-4150, AC-4160, AC-4170, AC-4180, AC-4190, AC-4200, AC-4210, AC-4220, AC-4230, AC-4240, AC-4250, AC-4260, AC-4270, AC-4280, AC-4290, AC-4300, AC-4310, AC-4320, AC-4330, AC-4340, AC-4350, AC-4360, AC-4370, AC-4380, AC-4390, AC-4400, AC-4410, AC-4420, AC-4430, AC-4440, AC-4450, AC-4460, AC-4470, AC-4480, AC-4490, AC-4500, AC-4510, AC-4520, AC-4530, AC-4540, AC-4550, AC-4560, AC-4570, AC-4580, AC-4590, AC-4600, AC-4610, AC-4620, AC-4630, AC-4640, AC-4650, AC-4660, AC-4670, AC-4680, AC-4690, AC-4700, AC-4710, AC-4720, AC-4730, AC-4740, AC-4750, AC-4760, AC-4770, AC-4780, AC-4790, AC-4800, AC-4810, AC-4820, AC-4830, AC-4840, AC-4850, AC-4860, AC-4870, AC-4880, AC-4890, AC-4900, AC-4910, AC-4920, AC-4930, AC-4940, AC-4950, AC-4960, AC-4970, AC-4980, AC-4990, AC-5000, AC-5010, AC-5020, AC-5030, AC-5040, AC-5050, AC-5060, AC-5070, AC-5080, AC-5090, AC-5100, AC-5110, AC-5120, AC-5130, AC-5140, AC-5150, AC-5160, AC-5170, AC-5180, AC-5190, AC-5200, AC-5210, AC-5220, AC-5230, AC-5240, AC-5250, AC-5260, AC-5270, AC-5280, AC-5290, AC-5300, AC-5310, AC-5320, AC-5330, AC-5340, AC-5350, AC-5360, AC-5370, AC-5380, AC-5390, AC-5400, AC-5410, AC-5420, AC-5430, AC-5440, AC-



二、检测项目 分析方法及检测原理

序号	检测项目	分析方法	检测原理
1	总有机碳(TOC)	非分散红外法	利用非分散红外法测定总有机碳(TOC)含量。该方法通过测定样品在氧化过程中释放出的二氧化碳(CO ₂)量来计算总有机碳含量。样品经高温氧化后，产生的CO ₂ 被非分散红外检测器检测，其吸收强度与CO ₂ 浓度成正比，从而计算出总有机碳含量。
2	总氮(TN)	碱性过硫酸钾消解-紫外分光光度法	利用碱性过硫酸钾消解-紫外分光光度法测定总氮(TN)含量。该方法通过测定样品在碱性过硫酸钾消解后产生的硝酸盐氮(NO ₃ -N)含量来计算总氮含量。样品经碱性过硫酸钾消解后，产生的NO ₃ -N在紫外光区有特征吸收，其吸收强度与NO ₃ -N浓度成正比，从而计算出总氮含量。
3	总磷(TP)	钼锑抗比色法	利用钼锑抗比色法测定总磷(TP)含量。该方法通过测定样品在钼锑抗试剂作用下产生的钼蓝含量来计算总磷含量。样品经钼锑抗试剂处理后，产生的钼蓝在可见光区有特征吸收，其吸收强度与钼蓝浓度成正比，从而计算出总磷含量。
4	氨氮(NH ₃ -N)	纳氏试剂比色法	利用纳氏试剂比色法测定氨氮(NH ₃ -N)含量。该方法通过测定样品在纳氏试剂作用下产生的碘化汞含量来计算氨氮含量。样品经纳氏试剂处理后，产生的碘化汞在可见光区有特征吸收，其吸收强度与碘化汞浓度成正比，从而计算出氨氮含量。
5	亚硝酸盐氮(NO ₂ -N)	二色法	利用二色法测定亚硝酸盐氮(NO ₂ -N)含量。该方法通过测定样品在二色法试剂作用下产生的亚硝酸盐氮含量来计算亚硝酸盐氮含量。样品经二色法试剂处理后，产生的亚硝酸盐氮在可见光区有特征吸收，其吸收强度与亚硝酸盐氮浓度成正比，从而计算出亚硝酸盐氮含量。
6	硝酸盐氮(NO ₃ -N)	镉还原-二色法	利用镉还原-二色法测定硝酸盐氮(NO ₃ -N)含量。该方法通过测定样品在镉还原-二色法试剂作用下产生的亚硝酸盐氮含量来计算硝酸盐氮含量。样品经镉还原-二色法试剂处理后，产生的亚硝酸盐氮在可见光区有特征吸收，其吸收强度与亚硝酸盐氮浓度成正比，从而计算出硝酸盐氮含量。
7	溶解性总磷(DTP)	钼锑抗比色法	利用钼锑抗比色法测定溶解性总磷(DTP)含量。该方法通过测定样品在钼锑抗试剂作用下产生的钼蓝含量来计算溶解性总磷含量。样品经钼锑抗试剂处理后，产生的钼蓝在可见光区有特征吸收，其吸收强度与钼蓝浓度成正比，从而计算出溶解性总磷含量。
8	溶解性总氮(DTN)	碱性过硫酸钾消解-紫外分光光度法	利用碱性过硫酸钾消解-紫外分光光度法测定溶解性总氮(DTN)含量。该方法通过测定样品在碱性过硫酸钾消解后产生的硝酸盐氮(NO ₃ -N)含量来计算溶解性总氮含量。样品经碱性过硫酸钾消解后，产生的NO ₃ -N在紫外光区有特征吸收，其吸收强度与NO ₃ -N浓度成正比，从而计算出溶解性总氮含量。
9	溶解性氨氮(DNH ₃ -N)	纳氏试剂比色法	利用纳氏试剂比色法测定溶解性氨氮(DNH ₃ -N)含量。该方法通过测定样品在纳氏试剂作用下产生的碘化汞含量来计算溶解性氨氮含量。样品经纳氏试剂处理后，产生的碘化汞在可见光区有特征吸收，其吸收强度与碘化汞浓度成正比，从而计算出溶解性氨氮含量。
10	溶解性亚硝酸盐氮(DNO ₂ -N)	二色法	利用二色法测定溶解性亚硝酸盐氮(DNO ₂ -N)含量。该方法通过测定样品在二色法试剂作用下产生的亚硝酸盐氮含量来计算溶解性亚硝酸盐氮含量。样品经二色法试剂处理后，产生的亚硝酸盐氮在可见光区有特征吸收，其吸收强度与亚硝酸盐氮浓度成正比，从而计算出溶解性亚硝酸盐氮含量。
11	溶解性硝酸盐氮(DNO ₃ -N)	镉还原-二色法	利用镉还原-二色法测定溶解性硝酸盐氮(DNO ₃ -N)含量。该方法通过测定样品在镉还原-二色法试剂作用下产生的亚硝酸盐氮含量来计算溶解性硝酸盐氮含量。样品经镉还原-二色法试剂处理后，产生的亚硝酸盐氮在可见光区有特征吸收，其吸收强度与亚硝酸盐氮浓度成正比，从而计算出溶解性硝酸盐氮含量。

