

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN

THE PAVEMENT REPAIRS SHALL BE IN ACCORDANCE WITH ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR, WITH THE FOLLOWING ADDITIONS:

THE ENGINEER SHALL DESIGNATE THE LOCATIONS AND LIMITS OF THE AREAS TO BE REPAIRED. THE AREAS SHALL BE ROUGHLY RECTANGULAR IN SHAPE AND SAWED OR MILLED TO A NEAT LINE. THE DEPTH OF REMOVAL, AS DIRECTED BY THE ENGINEER, SHALL BE SUFFICIENT TO REMOVE ALL DETERIORATED PAVEMENT. THE REPLACEMENT MATERIAL SHALL BE ITEM 301 - ASPHALT CONCRETE BASE, (449), PG64-22

THE ESTIMATED PAVEMENT REPAIR AREAS SHALL BE A MINIMUM OF 4 FEET IN WIDTH AND 4 INCHES IN DEPTH BELOW THE MILLED SURFACE OR AS DIRECTED BY THE ENGINEER.

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER. REPAIR LOCATIONS ARE IN THE FOLLOWING TABLES.

PARTICIPATION 1 - 01/S5K
 SHE-362-SLM 0.00 TO 1.11

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN = 186 SY

SHE-705-SLM 2.65 TO 4.28

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN = 51 SY

PARTICIPATION 2 - 02/STR

SHE-705-SLM 0.00 TO 2.65

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN = 705 SY

PARTICIPATION 3 - 03/NFA

SHE-119-SLM 9.54 TO 15.72

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR (ASPHALT CONCRETE BASE), AS PER PLAN = 3,185 SY

REPAIR LOCATIONS

Eastbound SR 362		
SLM	Size	Area
0.10	4 x 200	89
0.16	6 x 20	13
0.25	4 x 115	51
0.30	4 x 75	33
Eastbound SR 705		
2.17	6 x 30	20
3.14	4 x 20	9
3.18	4 x 20	9
Westbound SR 705		
3.14	6 x 20	13
4.28	6 x 30	20
Centerline SR 705		
0.10	4 x 150	67
0.16	4 x 575	256
0.39	4 x 815	362

REPAIR LOCATIONS

Eastbound SR 119		
SLM	Size	Area
9.86	4 x 170	76
9.98	4 x 275	122
10.36	4 x 175	78
10.59	4 x 150	67
10.97	4 x 100	44
11.11	4 x 110	49
11.16	4 x 100	44
11.54	4 x 200	89
13.79	4 x 150	67
13.96	4 x 150	67
14.08	4 x 550	244
14.38	4 x 150	67
14.71	4 x 575	256
15.00	4 x 815	362
15.37	4 x 450	200
Westbound SR 119		
SLM	Size	Area
10.15	4 x 90	40
10.18	4 x 75	33
11.49	4 x 100	44
12.43	4 x 80	36
12.56	4 x 90	40
12.84	4 x 500	222
13.28	4 x 365	162
13.45	4 x 110	49
13.50	4 x 115	51
14.20	4 x 85	38
14.86	4 x 90	40
15.01	4 x 150	67
15.06	4 x 75	33
15.48	4 x 450	200
15.53	4 x 110	49
15.58	4 x 500	222
15.60	4 x 60	27

ITEM 301 - ASPHALT CONCRETE BASE, PG 64-22, AS PER PLAN

THE CONTRACTOR SHALL BE RESPONSIBLE FOR EXCAVATING OF MATERIAL FROM ALL EXISTING STONE DRIVEWAYS AND MAILBOX APPROACHES TO A DEPTH OF FOUR INCHES (4") BELOW THE EXISTING PAVEMENT ELEVATION. ALL DRIVEWAY AND MAILBOX APPROACHES SHALL BE CONSTRUCTED AS PER THE APPROACH TYPICALS SHOWN IN THE PLAN. EXCAVATED MATERIAL SHALL BE USED TO BACKUP THE NEW PAVEMENT OR REMOVED FROM THE PROJECT SITE AS DIRECTED BY THE PROJECT ENGINEER.

A QUANTITY OF ITEM 301 - ASPHALT CONCRETE BASE, PG 64-22, AS PER PLAN HAS BEEN INCLUDED IN THE GENERAL SUMMARY TO BE USED IN THOSE AREAS EXCAVATED FOR DRIVEWAY AND MAILBOX APPROACHES.

ALL WORK, MATERIALS, LABOR AND EQUIPMENT NECESSARY TO COMPLETE THE ABOVE DESCRIBED WORK SHALL BE INCIDENTAL TO THE PLACEMENT AND INCLUDED IN THE COST OF ITEM 301 - ASPHALT CONCRETE BASE, PG 64-22, AS PER PLAN.

PARTICIPATION 1 - 01/S5K

SHE-705-SLM 3.85

SHE-362-SLM 0.96 TO 1.04

ITEM 301 - ASPHALT CONCRETE BASE, PG 64-22, AS PER PLAN = 14 CU YD

ESTIMATED NUMBER OF APPROACHES:

- 4 COMBINATION DRIVE AND MAILBOX APPROACHES
- 1 MAILBOX APPROACH

ITEM 690 SPECIAL - ASPHALT PAVEMENT INTERLAYER MATTING

THIS ITEM SHALL CONSIST OF THE INSTALLATION OF AN ASPHALT PAVEMENT INTERLAYER MAT CALLED PETROMAT ENVIRO MANUFACTURED BY PROPEX.

THE MATERIAL SHALL BE INSTALLED AFTER THE EXISTING PAVEMENT SURFACE COURSE HAS BEEN PLANED AND PRIOR TO THE INSTALLATION OF THE NEW ASPHALT CONCRETE SURFACE COURSE. THE PREPARATION OF THE PLANED PAVEMENT SURFACE AND THE INSTALLATION OF THE PAVEMENT INTERLAYER MAT SHALL BE INSTALLED PER THE MANUFACTURER'S GUIDELINES.

PAYMENT FOR ITEM 690 SPECIAL - ASPHALT PAVEMENT INTERLAYER MATTING FOR ALL OPERATIONS DESCRIBED ABOVE SHALL BE AT THE CONTRACT SQUARE YARD BID PRICE AND SHALL INCLUDE ALL LABOR, MATERIAL, AND EQUIPMENT REQUIRED TO COMPLETE THIS ITEM OF WORK.

ITEM 611 - MANHOLE ADJUSTED TO GRADE
ITEM 638 - VALVE BOX ADJUSTED TO GRADE

ANY CASTINGS THAT REQUIRE ADJUSTMENT SHALL BE COMPLETED AS PER ITEM 611 AND ITEM 638 AND SHALL INCLUDE ALL LABOR, EQUIPMENT AND MATERIAL TO ADJUSTING CASTINGS TO GRADE. ADJUSTING DEVICES ON MANHOLE COVERS ARE PROHIBITED.

ANY NEW CASTINGS REQUIRED SHALL BE FURNISHED BY THE CONTRACTOR. EXISTING CASTINGS MAY BE RE-USED IF THEY ARE IN GOOD CONDITION.

PARTICIPATION 1 - 01/S5K

SHE-362-SLM 0.00 TO 1.11

ITEM 611 - MANHOLE ADJUSTED TO GRADE = 4 EACH

ITEM 638 - VALVE BOX ADJUSTED TO GRADE = 22 EACH

SHE-705-SLM 2.65 TO 4.28

ITEM 611 - MANHOLE ADJUSTED TO GRADE = 9 EACH

ITEM 638 - VALVE BOX ADJUSTED TO GRADE = 19 EACH

ITEM 618 - EDGE LINE, RUMBLE STRIPE (ASPHALT CONCRETE)

CONSTRUCT RUMBLE STRIPES ACCORDING TO TRAFFIC STANDARD DRAWING TC-64.10.

RUMBLE STRIPES ARE NOT TO BE USED AT LOCATIONS WHERE THE LANE WIDTH IS LESS THAN 11 FEET AND THE POSTED SPEED LIMIT IS LESS THAN 50 MPH. RUMBLE STRIPES ARE NOT TO BE USED WHERE THE SHOULDER WIDTH IS LESS THAN 2 FEET, NOR GREATER THAN 4 FEET. DISCONTINUE RUMBLE STRIPES AT INTERSECTIONS, RIGHT TURN LANES, DRIVEWAYS, STRUCTURES AND 650 FEET FROM URBAN AND/OR RESIDENTIAL AREAS. DISCONTINUE RUMBLE STRIPES AT THE INTERSECTION OF TWO STATE ROUTES WHERE RAISED PAVEMENT MARKERS BEGIN OR END.

THE DEPARTMENT WILL PAY FOR THE PAVEMENT MARKINGS SEPARATELY. THE RUMBLE STRIPES SHALL BE DUST-FREE AND DRY WHEN THE PAVEMENT MARKINGS ARE APPLIED.

THIS APPLIES TO THE FOLLOWING LOCATIONS:

PARTICIPATION 2 - 02/STR
 SHE-274-SLM 9.06 TO 14.30

PARTICIPATION 3 - 03/NFA
 SHE-119-SLM 9.54 TO 15.72

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 618-EDGE LINE, RUMBLE STRIPE (ASPHALT CONCRETE) = 22.84 MILES

ITEM 618 - CENTER LINE, RUMBLE STRIPE (ASPHALT CONCRETE)

CONSTRUCT RUMBLE STRIPES ACCORDING TO TRAFFIC STANDARD DRAWING TC-64.10.

DISCONTINUE RUMBLE STRIPES AT INTERSECTIONS, RIGHT TURN LANES, DRIVEWAYS, STRUCTURES AND 650 FEET FROM URBAN AND/OR RESIDENTIAL AREAS. DISCONTINUE RUMBLE STRIPES AT THE INTERSECTION OF TWO STATE ROUTES WHERE RAISED PAVEMENT MARKERS BEGIN OR END.

THE DEPARTMENT WILL MEASURE RUMBLE STRIPES IN THE UNIT OF MILES COMPLETED IN PLACE. THE DEPARTMENT WILL MEASURE QUANTITIES AS THE LENGTH OF COMPLETED GRINDING, INCLUDING THE GAPS, INTERSECTIONS AND OTHER SECTIONS OF PAVEMENT NOT BEING GROUND BETWEEN THE BEGINNING STRAIGHT LINE MILEAGE AND THE ENDING STRAIGHT LINE MILEAGE LISTED IN THE PLANS.

THE LOCATIONS ARE:

PARTICIPATION 2 - 02/STR
 SHE-274-SLM 9.06 TO 14.30

PARTICIPATION 3 - 03/NFA
 SHE-119-SLM 9.54 TO 15.72

THE FOLLOWING ESTIMATED QUANTITIES HAVE BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM 618-CENTER LINE, RUMBLE STRIPE (ASPHALT CONCRETE) = 11.42 MILES

ITEM 874-LONGITUDINAL JOINT PREPARATION = 11.42 MILES

ITEM 623 - MONUMENT ASSEMBLY ADJUSTED TO GRADE

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER.

PARTICIPATION 1 - 01/S5K

SHE-362-SLM 0.00 TO 1.11

ITEM 623 - MONUMENT ASSEMBLY ADJUSTED TO GRADE = 1 EACH

SHE-705-SLM 2.65 TO 4.28

ITEM 623 - MONUMENT ASSEMBLY ADJUSTED TO GRADE = 7 EACH

ALL LABOR, MATERIAL AND EQUIPMENT NECESSARY FOR THE ADJUSTMENT OF CASTINGS SHALL BE INCLUDED IN ITEM 623. ANY NEW CASTINGS REQUIRED SHALL BE FURNISHED TO THE CONTRACTOR BY ODOT.



