

I:\ProjectData\07796\_FRA-270-52.16\Design\Roadway\Sheets\GN\_001.dgn GN\_003 2/24/2020 10:29:22 AM rmcneill

**ITEM 253 -PAVEMENT REPAIR, AS PER PLAN:**

ALL AREAS TO BE REPAIRED SHALL BE LOCATED BY THE ENGINEER AND THE WORK PERFORMED PRIOR TO RESURFACING. REPAIR AREAS SHALL CONSIST OF REMOVING 15" OF PAVEMENT AND PLACING 9" ITEM 301 - ASPHALT CONCRETE BASE, PG64-22 AND 6" ITEM 304 - AGGREGATE BASE. FULL DEPTH PAVEMENT REPAIR SHALL BE STARTED AND COMPLETED IN THE SAME WORKING DAY. SAWCUT SHALL BE INCIDENTAL TO THIS ITEM.

IN ADDITION TO THE SPECIFIC LOCATIONS GIVEN ON SHEET 14/33, THE FOLLOWING QUANTITY HAS BEEN PROVIDED AND THE TOTAL HAS BEEN CARRIED TO THE GENERAL SUMMARY.  
 ITEM 253 - FULL PAVEMENT REPAIR, AS PER PLAN = 1007.4 CY

**ITEM 254 - PAVEMENT PLANING, ASPHALT CONCRETE**

THE CONTRACTOR SHALL BE TOTALLY RESPONSIBLE FOR ANY AND ALL DAMAGE TO THE CONTRACTORS EQUIPMENT THAT MAY RESULT FROM THE PLANING OPERATION, INCLUDING DAMAGE CAUSED BY CASTINGS AND LOOP DETECTORS. THE DEPTH OF PLANING CLOSE TO THE CASTINGS SHALL BE AS DIRECTED; TO ACHIEVE A SMOOTH RIDING FINISHED PAVEMENT. GREAT CARE SHALL BE TAKEN TO PREVENT THE REMOVAL OF THE EXISTING PAVEMENT CROSS SLOPE (CROWN) DURING THE PLANING OPERATIONS.

THE CONTRACTOR SHALL LIMIT THE PLANING OPERATION TO ONE LANE AT A TIME AS TO ENSURE THAT THE PROPOSED SURFACE COURSE IS BUTTING UP TO EITHER PROPOSED OR EXISTING ASPHALT.

PLANED PAVEMENT SHALL NOT BE EXPOSED TO TRAFFIC.

**ITEM 617 - WATER:**

THIS ITEM IS A CONTINGENCY QUANTITY AND SHALL BE USED WHERE AND AS DIRECTED BY THE ENGINEER.

THE FOLLOWING QUANTITY HAS BEEN PROVIDED AND THE TOTAL HAS BEEN CARRIED TO THE GENERAL SUMMARY.  
 ITEM 617 - WATER = 2 MGAL

**ITEM 617 - SHOULDER RECONDITIONING, MISC.: COMPACTED RECLAIMED GRINDINGS:**

THIS ITEM SHALL CONSIST OF PREPARING THE EXISTING AGGREGATE SHOULDER BY EXCAVATING AND REMOVING THE EXISTING AGGREGATE TO A DEPTH OF 8", THEN REFILLING WITH COMPACTED GRINDINGS RECLAIMED FROM THE PLANING PROCESS. THE GRINDINGS SUPPLIED SHALL MEET THE APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL COMPACT IN 2 LIFTS OF 4".

PAYMENT FOR THE ABOVE WORK SHALL BE MADE AT THE UNIT PRICE BID FOR ITEM 617, COMPACTED RECLAIMED GRINDINGS, CU YD, AND SHALL INCLUDE ALL LABOR, TOOLS, EQUIPMENT AND MATERIALS NECESSARY TO COMPLETE THE SHOULDER RECONDITIONING.

THE FOLLOWING QUANTITY HAS BEEN PROVIDED AND THE TOTAL HAS BEEN CARRIED TO THE GENERAL SUMMARY.  
 ITEM 617 - SHOULDER RECONDITIONING, MISC.: COMPACTED RECLAIMED GRINDINGS = 150 CY

**PROPOSED NO PASSING ZONES:**

THE PROPER PLACEMENT OF THE PASSING AND NO PASSING ZONES AS SHOWN ON PLAN SHEETS 28/33 THROUGH 31/33 SHALL BE CONFIRMED BY THE CONTRACTOR AND PLACED BY USING THE CONTROL POINTS SHOWN ON THE PLAN SHEETS FOR THE FOLLOWING LOCATIONS:

LOC	COUNTY	ROUTE	BEG SLM	END SLM
1	FRA	104	0.00	6.52

SLM'S ON THE PASSING ZONE SHEETS COULD BE DIFFERENT THAN THE SLM'S SHOWN ON THE PAVING PLAN. ALL START AND STOP SLM LOCATIONS SHALL BE WITHIN 0.005 MILES OF THE LOCATIONS SHOWN ON THE PLAN SHEETS LISTED ABOVE. A LETTER OF VERIFICATION OF ALL PASSING AND NO PASSING ZONES SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR PLACEMENT IN THE PROJECT RECORDS. ANY IMPROPERLY PLACED PASSING OR NO PASSING ZONES SHALL BE IMMEDIATELY CORRECTED.

**ITEM 644 - PAVEMENT MARKING:**

**ITEM 646 - PAVEMENT MARKING:**

WITH THE EXCEPTION OF THE PROPOSED PASSING ZONES, IT IS THE INTENT OF THE PROPOSED PAVEMENT MARKINGS TO BE THE SAME AS EXISTING. ANY DEVIATION FROM EXISTING WILL BE IDENTIFIED WITHIN THIS PLAN. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE LOCATION, SIZE AND SHAPE OF THESE EXISTING PAVEMENT MARKINGS BEFORE THE SURFACE PREP OBLITERATES THEM. ANY PAVEMENT MARKING WHICH IS PLACED AT THE WRONG LOCATION SHALL BE REMOVED AND REPLACED AT THE CONTRACTORS EXPENSE.:

LOC	COUNTY	ROUTE	EDGE LINE	CHANNELIZING LINE
			WIDTH	WIDTH
1	FRA	104	6"	8"

**ITEM 623 - CONSTRUCTION LAYOUT STAKES AND SURVEYING, AS PER PLAN:**

THIS ITEM SHALL CONSIST OF STATIONING USING 3 FT LATH STAKES. THE STAKES SHALL BE SPACED AT 200 FT INTERVALS AND SHALL EXTEND THROUGHOUT THE LENGTH OF EACH PROJECT LOCATION AND THROUGHOUT THE LENGTH OF ANY RAMPS.

PLACEMENT OF THE STAKES SHALL BE AS DIRECTED BY THE ENGINEER. THE CONTRACTOR IS RESPONSIBLE FOR REPLACING ANY DAMAGED OR MISSING STAKES.

THIS ITEM SHALL ALSO BE USED IN THE EVENT THAT THE EXISTING RAILROAD RIGHT OF WAY NEEDS TO BE ESTABLISHED.

CONSTRUCTION LAYOUT STAKES, AS PER PLAN WILL BE PAID FOR AT THE CONTRACT LUMP SUM BID, WHICH SHALL BE FULL COMPENSATION FOR ALL SERVICES, MATERIALS, LABOR, EQUIPMENT, TOOLS, AND INCIDENTALS, INCLUDING THE REMOVAL, NECESSARY TO COMPLETE THIS ITEM.

CALCULATED  
 RAM  
 CHECKED  
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GENERAL NOTES

FRA SR 104 0.00