

DRAINAGE AND EROSION CONTROL

TEMPORARY SOIL EROSION AND SEDIMENT CONTROL

THE FOLLOWING ESTIMATED QUANTITIES ARE TO BE PLACED BY THE CONTRACTOR WITH THE ENGINEER'S CONCURRENCE FOR TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES:

- ITEM 877-TEMPORARY SEEDING AND MULCHING . . . 1200 SQ. YD.
- ITEM 877-TEMPORARY PERIMETER FILTER
FABRIC FENCE 200 LIN. FT.
- ITEM 877-TEMPORARY INLET PROTECTION
FILTER FABRIC FENCE 120 LIN. FT.
- ITEM 877-TEMPORARY DITCH PROTECTION 200 SQ. YD.
- ITEM 870-COMMERCIAL FERTILIZER 0.5 TON
- ITEM 870-REPAIR SEEDING AND MULCHING 300 SQ. YD.
- ITEM 870-WATER. 3 M. GAL.

EROSION CONTROL

ITEMS 601, 660, 668, 670, 671, 672 AND 673 ARE PROVIDED IN THE PLANS FOR EROSION CONTROL. ROCK OF A STABLE NATURE SHALL NOT BE REMOVED IN ORDER TO PLACE ANY OF THESE ITEMS AND TURF OF A STABLE NATURE SHALL NOT BE REMOVED IN ORDER TO PLACE 660, 667, 668, 671, 672 OR 673. THE ENGINEER SHALL CHECK AND NON-PERFORM QUANTITIES OR ADJUST LOCATIONS AND QUANTITIES OF THESE ITEMS WHERE INDICATED BY FIELD CONDITIONS DURING CONSTRUCTION. IN ADDITION, THESE ITEMS SHALL MEET THE REQUIREMENT OF 108.04.

PAVEMENT

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR

THIS WORK SHALL BE PERFORMED PRIOR TO RESURFACING. THE QUANTITIES PROVIDED ARE TO REPAIR UNSOUND OR COLD-PATCH AREAS OR POP-OUTS. THICKNESS WILL BE 3".

THE FOLLOWING ESTIMATED QUANTITY SHALL BE FORWARDED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER AS OUTLINED ABOVE:

- ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR . . 500 SQ. YD.

LONGITUDINAL JOINTS (FLEXIBLE PAVEMENT)

LONGITUDINAL JOINTS BETWEEN A PAVEMENT LANE AND ADJOINING BERM OR SPEED CHANGE LANE, AND BETWEEN A SPEED CHANGE LANE AND THE ADJOINING BERM SHALL BE MADE THE SAME DAY. ALL LONGITUDINAL JOINTS SHALL BE HOT WITH THE EXCEPTION OF ONE COLD JOINT PER ROADWAY. LONGITUDINAL JOINT LOCATIONS SHALL BE AS APPROVED BY THE ENGINEER. EACH RAMP SHALL HAVE ONLY ONE LONGITUDINAL COLD JOINT LOCATED APPROXIMATELY HALFWAY ACROSS THE RAMP.

ITEM 617 - COMPACTED AGGREGATE, TYPE A, AS PER PLAN

THIS ITEM SHALL BE USED ALONG ALL THE SHOULDERS. MATERIAL SHALL BE LIMITED TO CRUSHED SLAG, CRUSHED LIMESTONE OR ASPHALT GRINDINGS. IF ASPHALT GRINDINGS ARE USED, THE ONLY MATERIAL REQUIREMENT IS THAT 100% SHALL PASS A 1" SIEVE.

THE ACTUAL DEPTH USED WILL VARY DEPENDING UPON EXISTING CONDITIONS. FOR ESTIMATING PURPOSES, AN AVERAGE DEPTH OF 2 INCHES WILL BE USED. WATER, IF NEEDED, SHALL BE APPLIED AS PER 617 AND INCLUDED UNDER ITEM 617, COMPACTED AGGREGATE, TYPE A, AS PER PLAN.

THE FOLLOWING ESTIMATED QUANTITY HAS BEEN CARRIED TO THE GENERAL SUMMARY:

ITEM	DESCRIPTION	QUANTITY	UNIT
617	COMPACTED AGGREGATE, TYPE A, APP	<u>150</u>	CU.YD.
617	WATER	<u>1</u>	M. GAL

ALIGNMENT AND PROFILE

THE WORK PROPOSED BY THIS PROJECT IS FOR THE RE-SURFACING OF THE EXISTING PAVEMENT AND ADD LANE. THE PROFILE OF THE PROPOSED SURFACE WILL BE THE SAME AS THAT OF THE EXISTING IR-90 AND RAMP PAVEMENT, EXCEPT WHERE OTHERWISE SHOWN IN THE PLANS.

ITEM 304 - AGGREGATE BASE, AS PER PLAN

THE ONLY SLAG MATERIALS PERMITTED FOR THIS ITEM SHALL BE CRUSHED AIR-COOLED BLAST FURNACE SLAG, A MIXTURE OF CRUSHED AND GRANULATED SLAGS, OR OPEN HEARTH SLAG FROM APPROVED SOURCES ON FILE AT THE LABORATORY.

NO CRUSHED CONCRETE SHALL BE USED FOR THIS ITEM.

ALL MATERIALS OR BLENDED MATERIALS SHALL MEET THE GRADATION REQUIREMENTS OF 304.02.

ANY GRANULATED SLAG MATERIAL USED SHALL MEET THESE GRADATION REQUIREMENTS IN LIEU OF 703.08

ITEM 407 - TACK COAT

THE RATE OF APPLICATION OF THE 407 TACK COAT SHALL BE SUBJECT TO ADJUSTMENT AS DIRECTED BY THE ENGINEER. PLAN QUANTITIES INDICATE AN AVERAGE APPLICATION RATE OF 0.10 GALLONS PER SQUARE YARD OF TACK COAT FOR ESTIMATING PURPOSES ONLY.

ITEM 618 - RUMBLE STRIPS, TYPE 2 (ASPHALT)

THE FOLLOWING ESTIMATED QUANTITY SHALL BE USED TO CONSTRUCT ITEM 618, RUMBLE STRIPS, TYPE 2 (ASPHALT) AS PER STANDARD DRAWING BP-9.1:

- ITEM 618 - RUMBLE STRIPS, TYPE 2 (ASPHALT) . . 5.30 MILE

ITEM 254 - PATCHING PLANED SURFACE

THE FOLLOWING ESTIMATED QUANTITY SHALL BE USED AS DIRECTED BY THE ENGINEER FOR THE PURPOSE OF PATCHING PLANED SURFACE.

- ITEM 254 - PATCHING PLANED SURFACE 3500 SQ. YD.

ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR, AS PER PLAN

THIS WORK SHALL BE PERFORMED PRIOR TO PHASE I. THE QUANTITIES PROVIDED ARE TO REPAIR THE LONGITUDINAL JOINT BETWEEN THE EXISTING CONCRETE LANE AND ASPHALT SHOULDER. WIDTH WILL BE 2 FT, 1 FT ON EITHER SIDE OF JOINT, AND DEPTH WILL BE 3".

THE APPROXIMATE STATIONING FOR THIS WORK IS FROM STA. 320+46 TO STA. 334+25 AND STA. 346+25 TO STA. 375+00.

THE FOLLOWING ESTIMATED QUANTITY SHALL BE FORWARDED TO THE GENERAL SUMMARY TO BE USED AS DIRECTED BY THE ENGINEER AND AS OUTLINED ABOVE:

- ITEM 251 - PARTIAL DEPTH PAVEMENT REPAIR,
AS PER PLAN 950 SQ. YD.

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GENERAL NOTES

LAK-90-6.71