

On surfacing projects the 150 mm of Compaction Type AA, shown for the center portion on the roadbed, is for the purpose of restoring the original Compaction Type AA which may have been lost since grading operations. The exact locations of this Compaction Type AA which will be required, is to be determined by the Engineer at the time of construction. This work shall be paid under the bid item "Compaction of Earthwork (Type AA)(MR-)".

~~The _____ material used to backfill over the structure shall be paid for at the prices shown in the contract.~~

All side roads and house entrances shall be surfaced with _____ to the R/W line as indicated on the detail. All side roads and house entrances with existing asphalt surface shall be surfaced with _____ at least to the R/W line or to the end of construction, as directed by the Engineer. Each mailbox turnout (ON PROJECTS WHERE STABILIZED SHOULDERS ARE NOT SPECIFIED) shall be surfaced with _____ to the limits shown on the detail.

~~The thickness of side road and entrance surfacing may be increased to the same thickness as the stabilized shoulder within the approximate limits of the shoulder.~~

Quantities for aggregate for shoulders, AS-1, are calculated on the basis of 2 400 kg/m³.
Quantities for stabilized base course, AB-3, are calculated on the basis of 2 500 kg/m³.
Mass per m³ includes moisture allowed by specification.

Thicknesses indicated for all construction which is paid for on a mass or volume basis are approximate and may vary to correct for unevenness in the foundations or for other normal unevenness encountered in placement operations.

Bituminous Material quantities are calculated on the basis of 1000 kg/m^3 .



The work of cutting the subgrade and disposing of excess excavated material shall be subsidiary to other items in the contract.

SUMMARY OF QUANTITIES					
Station to Station	Surface Course		Base Course		Emulsified Asphalt (SS-1H) or (CSS-1H) Metric Ton
	(BM-2) * Aggregate Metric Ton	Asphalt Cement (PG 52-28)+ Metric Ton	(BM-4) * Aggregate Metric Ton	Asphalt Cement (PG 52-28) † Metric Ton	
22+673.231 - 22+793.710	226.646	12.425			.265
22+818.079 - 22+936.648	223.005	12.225	245.308	13.885	.350
22+962.197 - 23+079.055	219.808	12.050	712.177	40.312	.515
23+105.320 - 23+223.556	222.445	12.195	720.723	40.796	.521
4+986.421 - 4+988.421 (Lewis St.)	2.544	0.139	8.242	0.467	.006
4+987.429 - 4+989.429 (Waterman St.)	3.519	0.193	11.403	0.645	.008
	897.967	49.227	1697.853	96.105	1.665

* Computed at the rate 2322 kg/m³ (Total Mix - Aggregate & Asphalt)
 † Computed at the rate of 5.8% by weight of Aggregate (Dry Weight)
 ‡ Computed at the rate of 6.0% by weight of Aggregate (Dry Weight)
 Base Quantities have been increased by 8% to allow for Contingencies

[illegible]† Computed at the rate of
†† Computed at the rate of[illegible]

Note: For projects with stabilized shoulders, the face of the Mail Box to be in a vertical line with the top edge of the shoulder surfacing.

FHWA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87N-0061-01	1998	68	91



Note: The face of Mail Box should be in a vertical line with the edge of the shoulder.



☆ Dimensions for mound entrances or sideroads and those with drainage structures shall be similar with the exception of side slopes within the project clear zone.

These slopes shall be as follows:

Normal Slope (but not steeper than 1:6 at approximate 2' of structure or appropriate clear zone width for entrances or sideroads containing drainage structures.

1 : 8 Slope at the appropriate clear zone shall apply to all mound entrances and mound side roads to 3 m fill height.

Normal Slope (but not steeper than 1:6) over 3 m fill height.

3				
2	12-26-96	Rev. units for tack rate	R.J.S.	J.O.B.
1	2-26-96	Type AA Compaction Bid Item	R.J.S.	J.O.B.
NO.	DATE	REVISIONS	BY	APP'D.

KANSAS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES (Surfacing)

~~RD940-SI~~

FHWA APPROVAL		I-14-97		APP'D James O. Brewer	
DESIGNED	DETAILED	QUANTITIES	TRACED B.N.B.		
DESIGN CK.	DETAIL CK.	QUAN.CK.	TRACE CK. R.J.S.		

Drawn By : \$\$\$USERNAME\$\$\$ Plotted : \$\$\$SYTIME\$\$\$
File : \$\$\$DGN\$SPEC\$\$\$