

A d d e n d u m

Iowa Department of Transportation

Date of Letting: May 21, 2013

Office of Contracts

Date of Addendum: April 24, 2013

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
154	33-0932-701	HMA Resurfacing	Fayette	MP-093-2(701)16--76-33	21may154.a01

Notice: Only the bid proposal holders receive this addendum and responsibility for notifying any potential subcontractors or suppliers remains with the proposal holder.

Make the following changes to the PROPOSAL SCHEDULE OF PRICES:

CHANGE Proposal Line No. 0020 2116-0000300 MINERAL STABILIZING AGENT (FLY ASH); from 137.000 TON to 144.000 TON.

CHANGE Proposal Line No. 0050 2214-5145150 PAVEMENT SCARIFICATION; from 82,981.000 SY to 84,215.000 SY.

CHANGE Proposal Line No. 0150 2307-1400000 ASPHALT EMULSION FOR DUST CONTROL; from 1706.000 GAL to 1321.000 GAL.

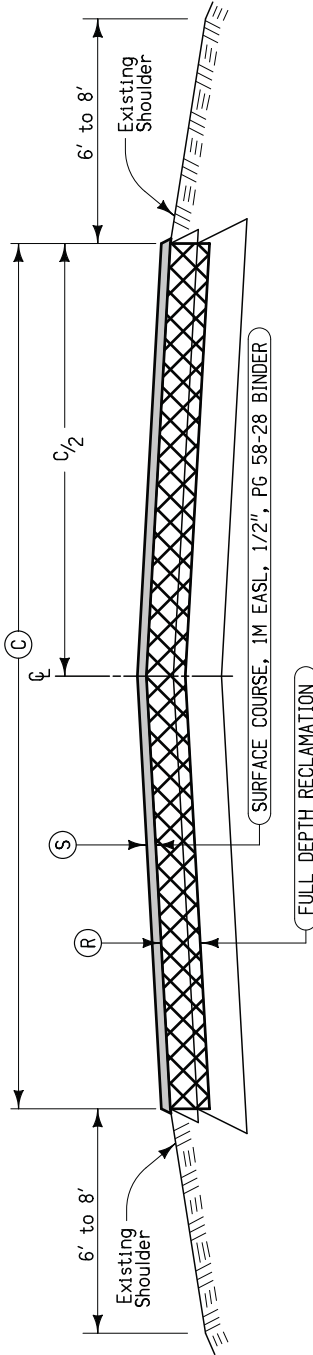
CHANGE Proposal Line No. 0170 2318-1001220 ASPHALT STABILIZING AGENT (FOAMED ASPHALT); from 321.000 TON to 337.000 TON.

If the above changes are not made, they will be made as shown here.

Make the following changes to the PLAN:

REPLACE Typicals MC-4, MC-4-1, MC-5, MC-5-1 and MC-6-1 with the attached updated Typicals.

MC-4



Notes:

- ① Finished slope shall match existing pavement except that the maximum allowable slope is 3.0 %, minimum allowable slope is 2.0 %. Section may be modified as directed by the Engineer through areas of special shaping.
- ② Shoulder material as specified in Tab. 7134
- ③ Tack Coat estimated for 1 application.



**TYPICAL CROSS SECTION
FULL DEPTH RECLAMATION
WITH HMA RESURFACING**

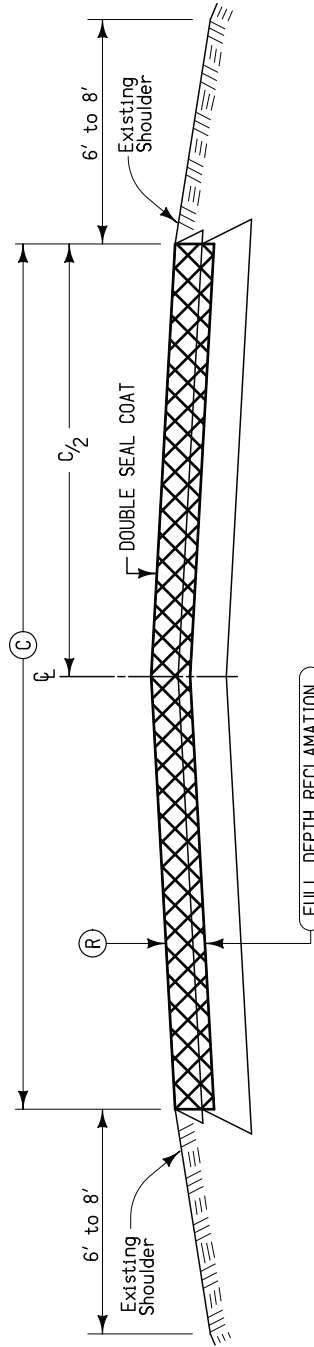
TABLE OF DESIGN QUANTITIES Per Station

ROAD IDENTIFICATION	LOCATION		FOAMED ASPHALT TONS	RECLAMATION SY	MINERAL STAB. AGENT DRY TONS	TACK COAT ③ Gallons	ASPHALT BINDER TONS	HOT MIX ASPHALT SURFACE TONS
	STATION TO STATION	Feet						
IA 93	292+00.0	345+00.0	3.648	266.67	2.424	1.5	13.33	22.05

DESIGN RATES

ITEM	RATE
Compacted FDR	135 lbs./c.f.
Mineral Agent	0.00101 Tons/SY/in
Foamed Asphalt	0.00152 Tons/SY/in
Surface Course	147 lbs./cu. ft.
Tack Coat	0.05 gal./sq. yd.
Asphalt Binder	6 %

MC-5



Notes:

- ① Finished slope shall match existing pavement except that the maximum allowable slope is 3.0 %, minimum allowable slope is 2.0 %. Section may be modified as directed by the Engineer through areas of special shaping.
- ② Shoulder material as specified in Tab. 7134
- ③ Quantities include both seal coat applications



**TYPICAL CROSS SECTION
FULL DEPTH RECLAMATION
WITH DOUBLE SEAL COAT**

TABLE OF DESIGN QUANTITIES Per Station

ROAD IDENTIFICATION	LOCATION		RECLAMATION SY	FOAMED ASPHALT TONS	MINERAL STAB. AGENT DRY TONS	TACK COAT ③ Gallons	SEAL COAT ③ BITUMEN TONS
	STATION TO STATION	Feet					
IA 93	345+00.0	357+60.0	24	9	266.67	2.424	213.34
IA 93	360+00.0	367+00.0	24	9	266.67	2.424	213.34

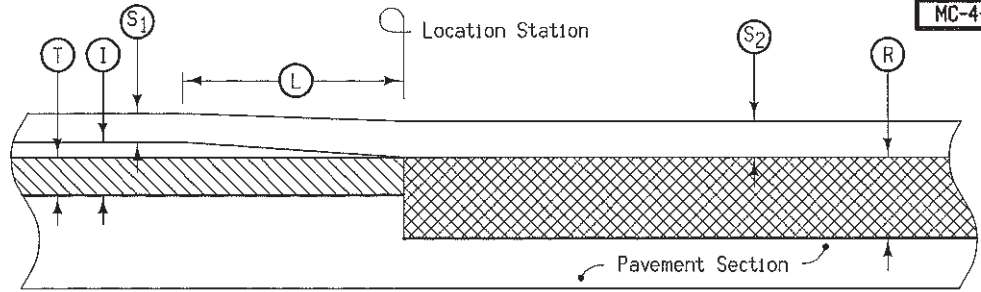
DESIGN RATES

ITEM	RATE
Compacted FDR	135 lbs./c.f.
Mineral Agent	0.00101 Tons/SY/in
Foamed Asphalt	0.00152 Tons/SY/in

MC-4-1

Posted Speed Limit	Runout Ratio (ft per inch)
45 or More	50
20 to 45	25
Under 20	10

* Based on turning maneuvers at side roads and intersections.



- Milling (Avg. Depth) (T)
- Interlayer (I)
- Thin Lift Surface Course (S₁)
- Surface Course (S₂)
- Full Depth Reclamation (R)

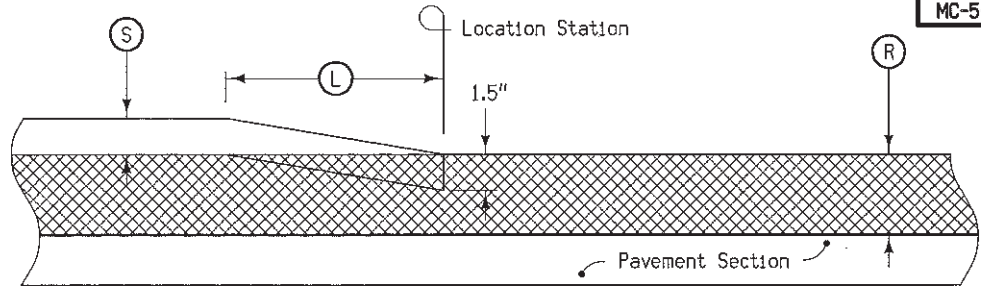
MILLING AND FULL DEPTH RECLAMATION WITH HMA RESURFACING TYPICAL

Location Station	(L) Feet	(T) Inches	(I) Inches	(S ₁) Inches	(R) Inches	(S ₂) Inches
292+00.0	12.5	1	1	0.75	9	1.5

MC-5-1

Posted Speed Limit	Runout Ratio (ft per inch)
45 or More	50
20 to 45	25
Under 20	10

* Based on turning maneuvers at side roads and intersections.



- Surface Course (S)
- Full Depth Reclamation (R)

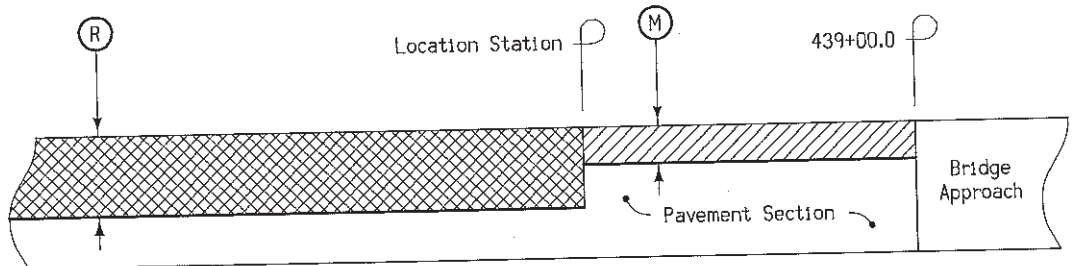
SURFACE NOTCH WITH HMA RESURFACING TYPICAL

Location Station	(L) Feet	(S) Inches	(R) Inches
345+00.0	87.5	1.5	9

MC-6-1

Posted Speed Limit	Runout Ratio (ft per inch)
45 or More	50
20 to 45	25
Under 20	10

* Based on turning maneuvers at side roads and intersections.



- Full Depth Reclamation (R)
- Cold In-place Recycling (M)

FULL DEPTH RECLAMATION AND COLD IN-PLACE RECYCLING TYPICAL

Location Station	(R) Inches	(M) Inches
367+00.0	9	2.5