

# A d d e n d u m

Iowa Department of Transportation  
Office of Contracts

Date of Letting: May 20, 2014  
Date of Addendum: May 13, 2014

<b>B.O.</b>	<b>Proposal ID</b>	<b>Proposal Work Type</b>	<b>County</b>	<b>Project Number</b>	<b>Addendum</b>
107	57-0307-166	PCC PAVEMENT - REPLACE	LINN	NHSX-030-7(166)--3H-57	20MAY107.A02

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

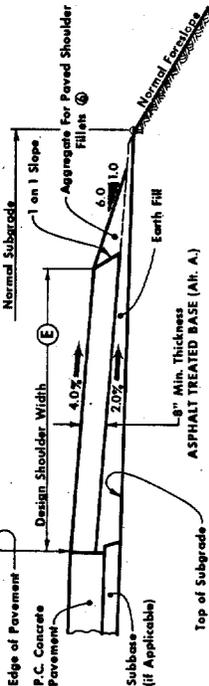
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Make the following change to the CONTRACT DOCUMENTS:

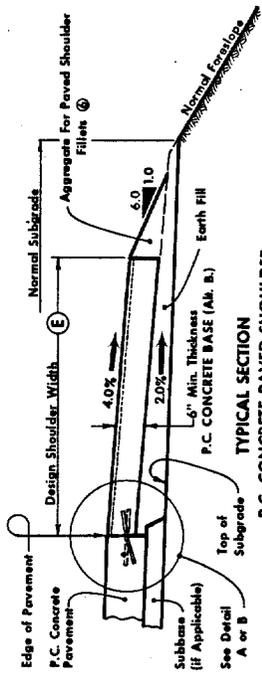
Add the following:

The existing PCC paved shoulders are 6 inches thick.

Add the attached Standard Road Plan RH-41 for Class 1 Paved Shoulders which shows the details of the existing shoulder.

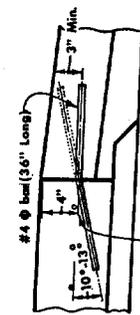


TYPICAL SECTION  
ASPHALTIC CEMENT CONCRETE PAVED SHOULDER

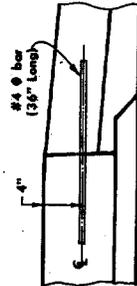


TYPICAL SECTION  
P.C. CONCRETE PAVED SHOULDER

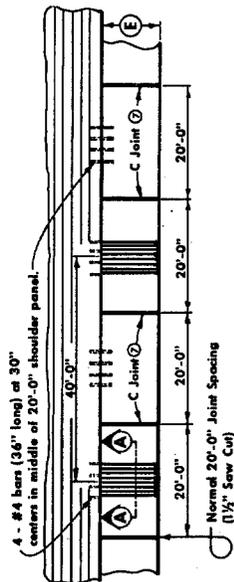
Material shall be placed and compacted as directed by the engineer.



DETAIL A  
CONTINUOUSLY REINFORCED P.C. CONCRETE PAVEMENT

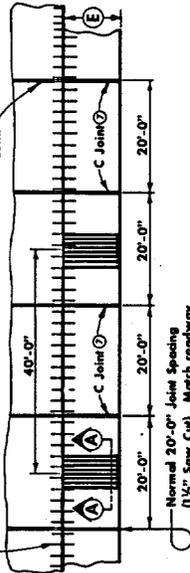


DETAIL B  
NON-REINFORCED P.C. CONCRETE PAVEMENT

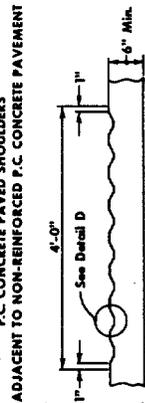


TYPICAL PLAN  
P.C. CONCRETE PAVED SHOULDER

ADJACENT TO CONTINUOUSLY REINFORCED P.C. CONCRETE PAVEMENT  
Contraction joints (C) are required in P.C. Shoulders at locations shown and shall be sawed perpendicular to the edge of this adjacent pavement. At locations where expansion joints are constructed in the roadway pavement, expansion joints of the same type shall be constructed thru this shoulder. Joint construction shall be incidental to price bid for shoulders.



TYPICAL PLAN  
P.C. CONCRETE PAVED SHOULDER



DETAIL D  
ADJACENT TO NON-REINFORCED P.C. CONCRETE PAVEMENT

**GENERAL NOTES:**  
Details indicated hereon illustrate the general requirements for construction of a paved shoulder consisting of Asphalt Treated Base or P.C. Concrete Base.

Construction of paved shoulders shall conform to the requirements of current specifications for the items involved.

Slopes, dimensions and quantities indicated hereon are for a normal section as shown and are for design purposes. Shoulder construction details may be modified through superseparated curves or other areas specifically designated by the engineer. Refer to Typical Cross Sections and Standard Road Plans for superseparation.

Any special shaping of subgrade necessary, prior to construction of paved shoulder, shall be accomplished as directed by the engineer. Any material removed due to this special shaping shall be uniformly spread on the foreslopes or otherwise disposed of in the adjacent area.

The roughness pattern shown on this plan is typical and is required on P.C. Concrete shoulders only. Alternate proposals will be considered for approval.

The subgrade beneath Class 1 Paved Shoulders shall be constructed in conformance with specifications for Natural Subgrade. Any material required for earth fill shall be subject to the approval of the engineer and shall be obtained from adjacent areas as directed by the engineer or provided by the contractor from locations approved by the engineer.

Earth fill or special shaping as required will not be paid for separately but considered incidental to the price bid for "Class 1 Paved Shoulders".

CLASS 1 SHOULDER	ASPHALTIC CEMENT CONCRETE (Alternate A) ①						P.C. CONCRETE (Alternate B)												
	ASPHALT TREATED BASE		PRIME and TACK		BINDER BITUMEN		ROADWAY COVER		VOLUME		AGGREGATE FOR PAVED SHOULDER FLEETS								
Sq. Yds.	Tons	Gal. ②	Gal. ②	E=4'	E=6'	E=10'	E=4'	E=6'	E=10'	Cu. Yds.	E=4'	E=6'	E=10'	Tons ③	Alt. A	Alt. B			
44.44	66.67	111.11	20.23	29.57	48.25	2.91	4.02	6.24	0.91	1.33	2.17	6.66	10.00	16.66	7.41	11.11	18.52	10.29	6.66

- ① Rates indicated are for design purposes and may be adjusted at time of construction if indicated by the engineer. Quantities listed are for one shoulder per station.
- ② Quantities shown are based on a design weight of 140 lbs./cu. ft. for Asphalt Treated Base with an asphalt content of 4.5% utilizing a 3/4" aggregate Mix Size.
- ③ Includes quantity for priming vertical face of adjacent pavement prior to placement of any base material. Tack coat estimated at one (1) application at 0.05 gal./sq. yd.
- ④ Binder bitumen has been estimated at a rate of application of 0.15 gal./sq. yd.
- ⑤ Quantities have been determined on the basis of a design weight of 139 lb./cu. ft.

DEPARTMENT OF TRANSPORTATION		HIGHWAY DIVISION	
STANDARD ROAD PLAN		RH-41	
NO.	DATE	DESIGNED BY	DATE
4	12-18-79	RECOMMENDED BY	DATE
		APPROVED BY	DATE
		SPECIAL CHIEF ENGINEER	DATE
LAST REVISION			
Change Sheet No. 25			

CLASS 1 PAVED SHOULDERS