

A d d e n d u m

Iowa Department of Transportation
Office of Contracts

Date of Letting: October 15, 2013
Date of Addendum: October 10, 2013

B.O.	Proposal ID	Proposal Work Type	County	Project Number	Addendum
103	59-0652-020	PCC OVERLAY - UNBONDED	LUCAS	NHSN-034-6(88)--2R-59 NHSX-065-2(20)--3H-59 STPN-014-1(12)--2J-93	15OCT103.A04

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. 0040 2102-2713090 EXCAVATION, CLASS 13, WASTE:
From: 15,085.000 CY
To: 11,420.000 CY

Change Proposal Line No. 0060 2121-7425010 GRANULAR SHOULDERS, TYPE A:
From: 13,693.300 TON
To: 14,294.000 TON

Add Proposal Line No. 0681 2528-8445110 TRAFFIC CONTROL; LUMP

Add Proposal Line No. 0682 2528-8445113 FLAGGERS; 20.000 EACH

Add Proposal Line No. 0683 2528-8445115 PILOT CARS; 10.000 EACH

Add Proposal Line No. 0684 2533-4980005 MOBILIZATION; LUMP

Add Proposal Line No. 0711 2528-8445110 TRAFFIC CONTROL; LUMP

Add Proposal Line No. 0712 2528-8445113 FLAGGERS; 10.000 EACH

Add Proposal Line No. 0713 2528-8445115 PILOT CARS; 5.000 EACH

Add Proposal Line No. 0714 2533-4980005 MOBILIZATION; LUMP

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

Make the following changes to the plan:

Replace plan sheet B.1 with attached plan sheet B.1

Note changes on plan sheet B.1:

Typical Overlay:

- Shoulder slope changes from 4% to 2%.
- Class 13 CY column values changed to reflect slope change.

Typical 7307 M:

- Shoulder slope changes from 4% to **2%**.
- Class 13 CY column values changed to reflect slope change.

Replace plan sheet B.3 with attached plan sheet B.3

Note changes on plan sheet B.3:

Typical Shldr:

- PCC Shoulder Jointing Note: Longitudinal joint: BT-5 with tie bars spaced at 42” centers. Transverse joint: C matching existing pavement transverse

Replace plan sheet B.5 with attached plan sheet B.5

Note changes on plan sheet B.5:

Typical 7156:

- Changed circle note 5 and added: ‘BT-5’ joint with tie bars spaced at 42” centers.

Plan Sheet C.2, for Item 2123-7450000 SHOULDER CONSTRUCTION, EARTH make the following change to the Estimate Reference Information:

From: Required and included are 2614.4 cu. yds. of Topsoil for Earth Shoulder Fill.

To: Required and included are 2387.9 cu. yds. of Topsoil for Earth Shoulder Fill.

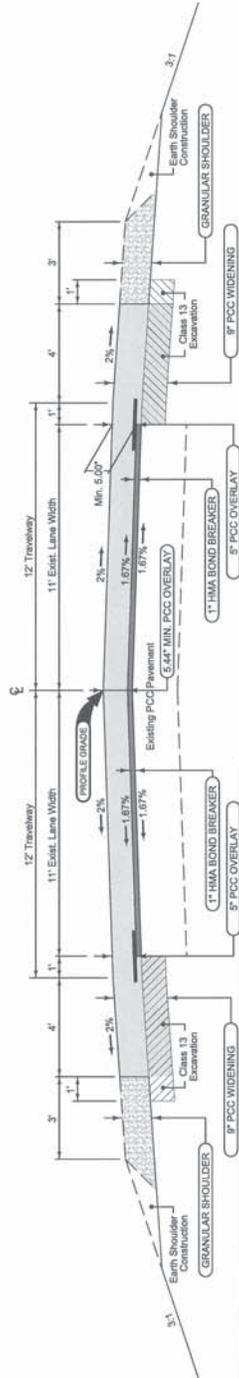
Replace plan sheets C.12 and C.13 with attached plan sheets C.12 and C.13:

Note changes on plan sheet B.5:

Typical 7156:

- Granular Shoulder Tonnage changed due to shoulder slope change.
- Earth shoulder construction CY for HMA and PCC changed due to shoulder slope change.

OVERLAY



ROAD IDENTIFICATION	LOCATION	STATION TO STATION	SIDE	HMA Bond Breaker		PCC Unbonded Overlay		QUANTITIES	
				HMA Sign Relief	Class 13	CY	CY	Class 13	CY
US 65		219+65.00	Both	52969.89	77031.11	2222.94			
US 65		228+42.00	Both	4786.22	6961.78	201.80			
US 65		271+25.00	Both	28966.67	42133.33	1221.34			
US 65		396+85.00	Both	2382.38	3465.28	100.45			
		Equation							
US 65		406+62.70	Both	4882.29	7101.51	205.86			
US 65		435+20.00	Both	1716.00	443.70	72.35			
US 65		451+63.00	Both	1409.61	2050.35	59.43			
		Equation							
US 65		457+41.44	Both	387.59	563.77	16.34			
		Total		97489.65	141803.10	4110.51			

NOTES:

See Typ. 7156 on B sheets for "Paved Shoulder at Guardrail" Details and Tab. 112-9 for Shoulder Quantities.
 See Typical 'ML-JNT' for Jointing Diagram.
 For Existing Pavement Detail, see 1954 Paving Detail on B sheet.

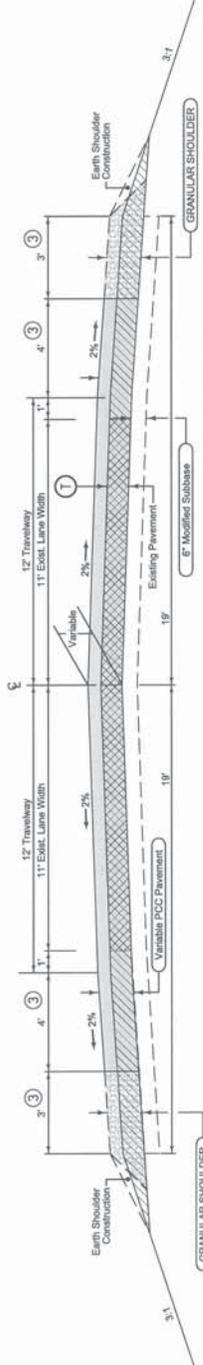
PROPOSED PCC OVERLAY

7307 H

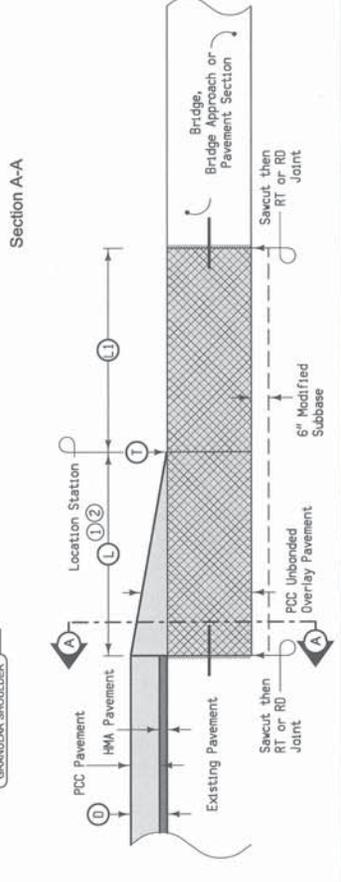
Toured Spacing (ft)	Round Spacing (ft per inch)
45 or More	50
20 to 45	25
Under 20	10 *

- 1 Variable Depth PCC Pavement.
- 2 See PV-101 For DH Table.
- 3 See Typ. 7156 on B sheets for "Paved Shoulder at Guardrail Details" and Tab. 112-9 for Shoulder Quantities.
- 4 See Tab. 110-1 on the C sheets for Pavement Removal Quantities.
- 5 Pavement Depth
- 6 Existing Pavement Depth
- 7 Pavement Removal
- 8 Class 13 Removal

* Based on turning maneuvers at side roads and intersections.



Location Station	L	U	D	T	PCC Overlay Pavement	Class 13	Modified Subbase
Feet	Feet	Inches	Inches	Inches	CY	CY	CY
0+00.00	300	0	6	8.5	340.74	1066.67	431
222+85.00	300	0	6	10.0	362.96	1066.67	427
225+42.00	300	0	6	10.0	362.96	1066.67	381
251+00.00	300	0	6	9.0	348.15	1066.67	212
289+25.00	300	0	6	9.0	348.15	1066.67	212
392+75.00	300	110	6	9.0	445.93	1066.67	268
429+85.00	300	0	6	9.0	348.15	1066.67	381
435+20.00	300	0	6	10.0	362.96	1066.67	427
445+22.00	300	0	6	10.0	362.96	1066.67	212
448+63.00	300	0	6	10.0	362.96	1066.67	427
462+00.00	300	0	6	9.0	348.15	1066.67	381
Total					4357.03	13191.15	5045



VARI. DEPTH PAVEMENT

B.1

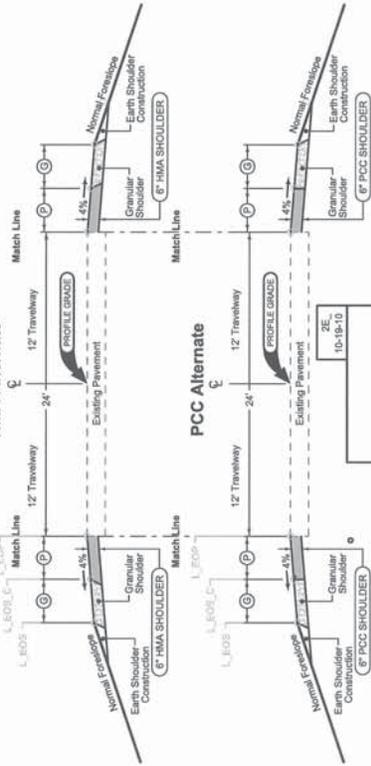
Shldr
Special

Combination Shoulder

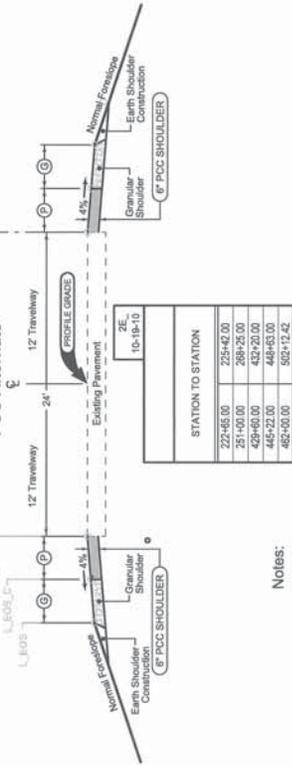
HMA Shoulder Joining: PCC Shoulder Joining:
Longitudinal joint: B BT-5 with tie bars spaced at 42" centers
Transverse joint: C matching existing pavement transverse

STATION TO STATION	(P)	(G)	(C)
222+65.00 Bridge & Approaches	①	①	①
224+96.50 Bridge & Approaches	①	①	①
251+00.00 Bridge & Approaches	①	①	①
254+69.92 Bridge & Approaches	①	①	①
258+35.50 Bridge & Approaches	①	①	①
259+32.59 Bridge & Approaches	①	①	①
429+60.00 Bridge & Approaches	①	①	①
431+43.17 Bridge & Approaches	①	①	①
445+22.00 Bridge & Approaches	①	①	①
447+91.06 Bridge & Approaches	①	①	①
492+00.00	①	①	①

HMA Alternate



PCC Alternate



STATION TO STATION	(P)	(G)	(C)
222+65.00	①	①	①
251+00.00	①	①	①
429+60.00	①	①	①
445+22.00	①	①	①
492+00.00	①	①	①

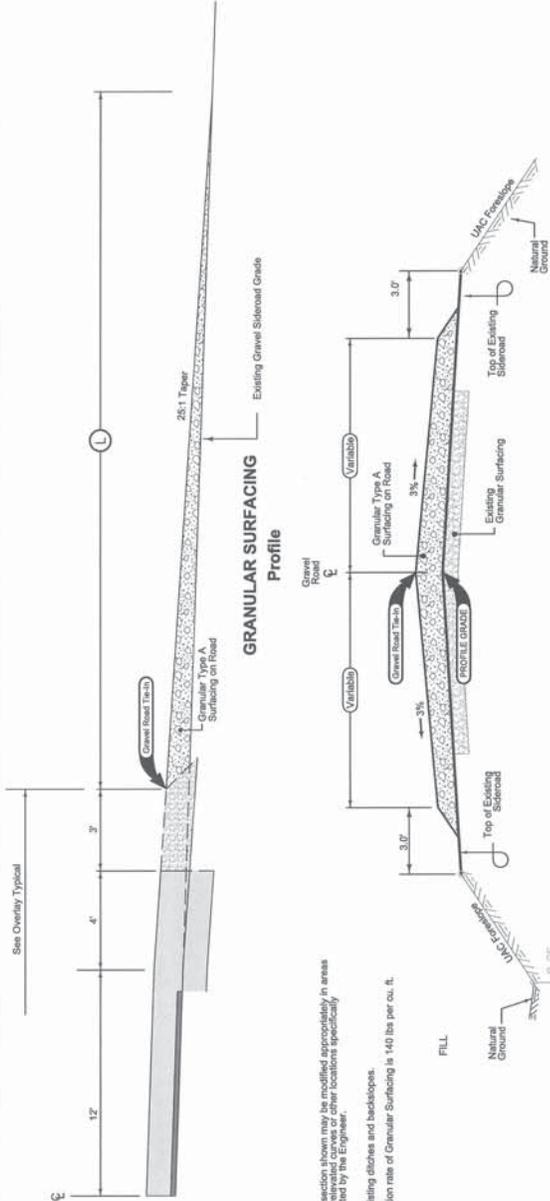
Notes:

- ① See Typ. 7156 on B sheets for "Paved Shoulder at Guardrail" Details and Tab. 112-9 for Shoulder Quantities.

US 65

See Tab 100-24 for pavement quantities.
See Tab 112-9 for shoulder quantities.

G-Taper
Special



Normal section shown may be modified appropriately in areas designated by the Engineer.

UAC existing ditches and backstops.

Application rate of Granular Surfacing is 140 lbs per cu. ft.

Road Identification	Approximate Location Station	(L)	Side	Granular Type A Surfacing Tons
410 th St.	62+72	300	Lt.	173
410 th St.	62+72	300	Rt.	173
140 th Ave.	67+23	300	Lt.	173
420 th St.	123+66	300	Lt.	173
420 th St.	123+66	300	Rt.	173
430 th St.	176+50	300	Lt.	173
440 th St.	176+54	300	Lt.	173
440 th St.	235+60	300	Lt.	173
450 th St.	281+12	300	Lt.	173
450 th St.	281+16	300	Rt.	173
460 th St.	326+36	300	Lt.	173
467 th St.	387+05	300	Rt.	173
467 th St.	393+38	300	Lt.	173
148th Trail	455+59	300	Rt.	173
Total				2422

ENGLISH IMA DOT DESIGN TEAM FLATTERY,BUTTOLPH\CARLSON

LUCAS COUNTY PROJECT NUMBER: MSX-065-2(20)-34-59/STP-14-1(12)-20-93

SHEET NUMBER B.3

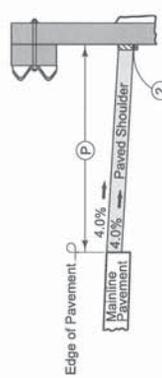
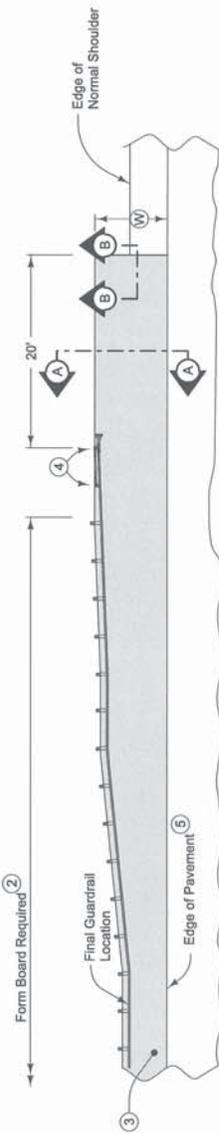
11:04:54 AM 10/10/2013 _buttolph\projectwise\dot\m\l\m\p\main\Documents\Project\590650\13\Design\39-0652-020-301.dwg

Either 6" HMA Paved Shoulder at Guardrail or PCC with the following jointing layout:

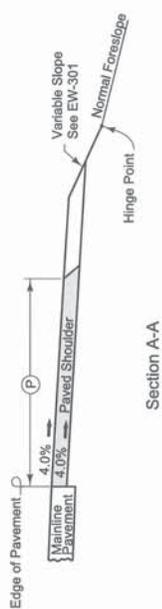
Match mainline pavement joint spacing. When mainline pavement is 8" or greater in thickness, place additional transverse 'C' joints in shoulder at mid-panel of the mainline pavement. Place longitudinal 'C' joint at W/2 from edge of mainline pavement when W is greater than 10' wide. Terminate longitudinal joint at transverse joint less than 10' in length.

Compaction of HMA is required to face of guardrail post. Hand compaction will be allowed under guardrail. Removal & reinstallation of guardrail will be allowed with no additional payment.

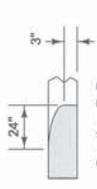
Refer to Shoulder tabulation (112-9) for quantities.



Typical Section with Form Board



Section A-A



Section B-B
Roll down at granular shoulder or earth.

- 1 N/A
- 2 When guardrail posts are installed prior to construction of paved shoulder, nail 1" x 6" untreated form boards along the face of guardrail posts for the length shown. This board is to prevent shoulder material from contacting the sides of the posts and altering the function of the guardrail. Form board not required for final 2 posts.
- 3 Continue paved shoulder to existing paved shoulder or 20' beyond the end of guardrail.
- 4 Shoulder may be notched for final 2 posts or post sleeves may be installed through pavement.
- 5 'BT-5' joint with tie bars spaced at 42" centers. 'B' joint for HMA shoulder.

PAVED SHOULDER AT GUARDRAIL

