

CITY OF BATTLE CREEK

ADDENDUM # 1

IFB# 2018-074B

TITLE: Taxiway C Rehab and Lightning

ADDENDUM ISSUED: April 19, 2018

NOTE! City Hall now has Security on the 1st floor. Please allow extra time to get through Security when dropping off your bid.

The following changes, additions and deletions have been provided:

This addendum changes the terms of the Bid Proposal. By submitting a bid you accept all changes included in this Addendum.

The following paragraphs and attached pages will instruct you as to the changes made and how to make them.

CHANGES TO BID FORM

When you are instructed to **ADD**, **DELETE**, or **MAKE CHANGES** to a **BID ITEM PAGE OR PAGES**, these additions, deletions, or changes **MUST** be made on the bid pages you submit with your bidding proposal, whether handwritten or computer generated.

CHANGES TO OTHER PAGES

When you are instructed to **DELETE** something which is **NOT** on a Bid Item Page, you may line through the text diagonally and/or print or write the word "**DELETE**" on the text being deleted.

When you are instructed to **ADD** a **NON-BID ITEM PAGE(S), OR PORTIONS THEREOF**, you **MUST CONSIDER** it/them in developing your bid, but the physical insertion of the new page(s) into the proposal is not necessary.

FAILURE TO CARRY OUT THE INSTRUCTIONS IN THIS ADDENDUM MAY RESULT IN THE REJECTION OF YOUR BID

Prospective bidders on the above project are hereby advised of the following changes:

PROPOSAL CHANGES:

NONE

PLAN SHEET CHANGES:

SHEET 4 OF 76

1. **REPLACE** Sheet **G-051 CONSTRUCTION SAFETY PHASING PLAN – PHASE 2, AND 3** with attached Sheet **G-051 CONSTRUCTION SAFETY PHASING PLAN – PHASE 2 , AND 3**. Revised sheet reflects corrected limits of Phase 2.

SHEET 48 of 76

1. **REPLACE** Sheet **CP-501 TYPICAL PROPOSED PAVEMENT SECTION DETAIL SHEET 1 OF 1** with attached Sheet **CP-501 TYPICAL PROPOSED PAVEMENT SECTION DETAIL SHEET 1 OF 1**. Revised sheet reflects corrected Aggregate Base Course label for Detail 1 and Detail 3, as well as the Asphalt Surface Course label for Detail 3.

SHEET 49 of 76

1. **REPLACE** Sheet **CP-502 TYPICAL PROPOSED JOINT DETAILS SHEET 1 OF 1** with attached Sheet **CP-502 TYPICAL PROPOSED JOINT DETAILS SHEET 1 OF 1**. Revised sheet reflects corrected joint sealant type for Details 7 & 9.

REQUEST FOR INFORMATION (RFI) REPSONSES:

Q1: Is the Airport willing to allow asphalt millings to remain on site?

A1: The contractor may place asphalt millings (up to 6") onto existing perimeter roads that are intended to be used as haul routes as shown in the plans. All millings placed on the perimeter road shall be graded smoothly in a manner as to not impact drainage ways at the conclusion of the project.

In addition, the airport will allow a maximum of 500 cyds of millings to be stockpiled and left in place near the existing soil stockpiles along the perimeter road southwest of the staging area (approximately 350' distance). Stockpile area shall be no larger that 40'x 40'.

All millings left on site, regardless of location, shall have a maximum aggregate size of 2". Asphalt millings, chunks, or other debris larger than 2" shall be disposed of off-site. No asphaltic material shall be disposed of in the waste area.

Q2: Can you provide an earthwork summary table?

A2: The following table represents the anticipated earthwork summary:

EARTHWORK SUMMARY TABLE*

	Cut (CYD)	Fill (CYD)	+/- (CYD)
Topsoil Cut (Salvaged, Type 1)	5,147	5,147	0
Topsoil Cut (Excess, Type 2)	5,387	0	5,387 (offsite disposal)
Clean Cut (Type 1)	20,807	3,050	17,757 (waste area disposal)
Unsuitable Cut (Type 2)	28,952	0	28,952 (offsite disposal)

TOTALS:

Type 1:	25,954	8,197	17,757
Type 2:	34,339	0	34,339

*Summary Table does not apply shrinkage/loss factors

Q3: The specifications call out silicone joint sealant, but the plan details say silicone and preformed elastimold joint sealant. Can you confirm the joint sealant being used?

A3: Per this addendum, sheet CP-502 is being replaced to show the correct type of sealant for all joint details. All joint sealant shall be jet fuel resistant silicone sealant per the specifications.

Q4: Is there any possibility to waste the type 2 excavation in the disposal area?

A4: No, all material deemed by the engineer unsuitable to be used in the formation of embankments, other than 3" of salvaged topsoil, shall be disposed of off-site.

Q5: Is the specified underdrain pipe dual wall or single wall?

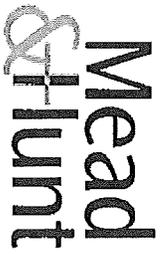
A5: Underdrain Pipe Material shall meet requirements of AASHTO M252

ADDITIONAL INFORMATION:

- The Pre-bid Meeting Sign-in sheet is attached

END ADDENDUM

This addendum must be acknowledged or your bid may be deemed non-responsive.



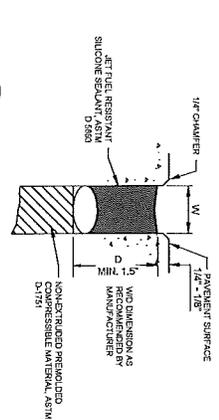
PRE-BID MEETING SIGN-IN SHEET

PROJECT: BTL Reconstruct Taxiway C Pavement and Lighting Phase II

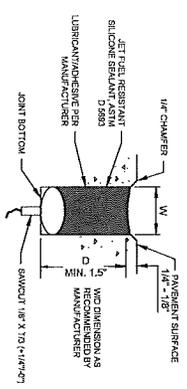
DATE: Thursday, April 12th, 2018

PLACE: W.K. Kellogg Airport

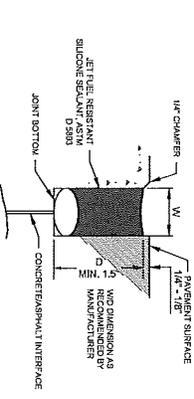
NAME	REPRESENTING	E-MAIL ADDRESS	PHONE NO.
Jeff Thoman	Mead & Hunt	Jeff.Thoman@meadhunt.com	517-974-2747
Andrew Paquette	Mead & Hunt	Andrew.Paquette@meadhunt.com	616-648-3019
Amanda Hopper	MDOT-Airports	hoppera@michigan.gov	517 335-9296
DAVE BEEL	HOFFMAN BRAS INC.	dbeel@hoffmanbrasinc.com	269-209-0412
ARTHUR DENYS	Wk Kellogg Airport	ardenis@ballkeckmi.gov	734-474-9234
Myles Weaver	Wk Kellogg Airport	mweaver@ballkeckmi.gov	269-966-3470
Jim Noyes	Wk Kellogg Airport	TENOBE@BTRACRESKMI.GOV	269-966-3473
Mark delkoma	Michigan Paving	mdelvorna@mipmc.com	269-208-3603
Mark Howard	PETERS Construction	markward@petersconst.com	269/345.1145
Bob Marvur	Kalin Coast	brmarvur@kalincoast.com	269/985-2746



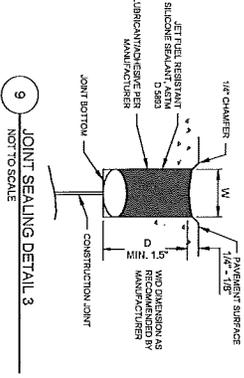
6 JOINT SEALING DETAIL 1
 NOT TO SCALE



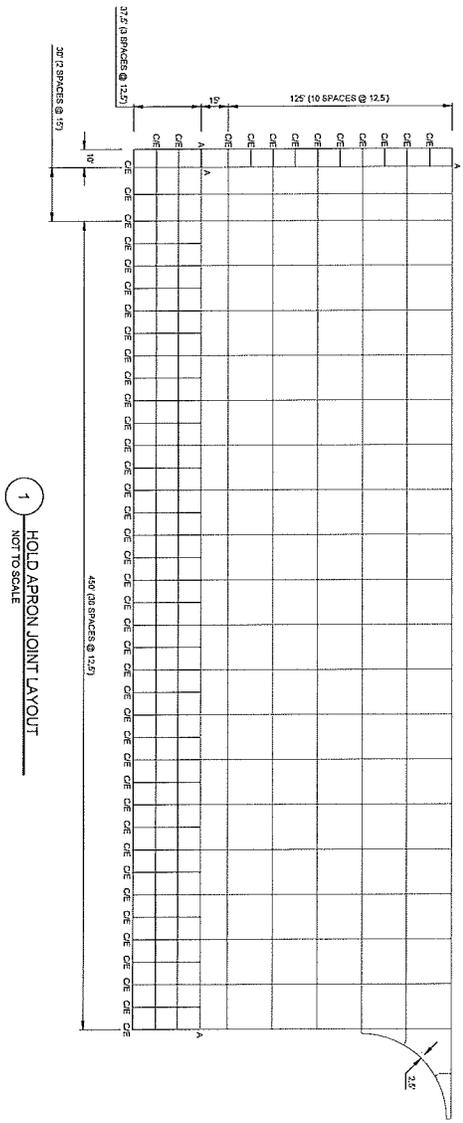
7 JOINT SEALING DETAIL 2
 NOT TO SCALE



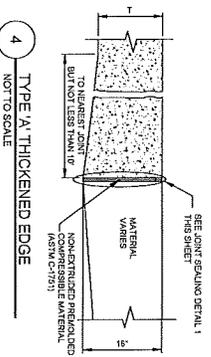
8 CONCRETE/
 ASPHALT INTERFACE SEALING
 NOT TO SCALE



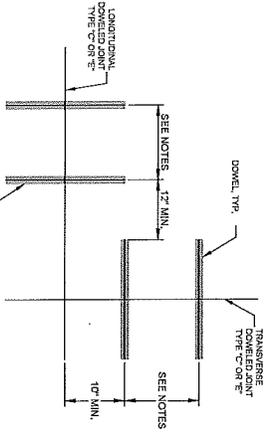
9 JOINT SEALING DETAIL 3
 NOT TO SCALE



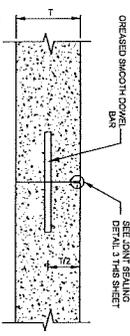
1 HOLD APRON JOINT LAYOUT
 NOT TO SCALE



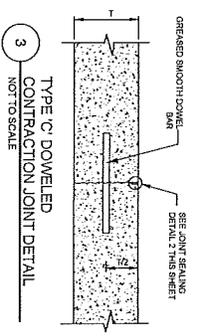
4 TYPE 'A' THICKENED EDGE
 NOT TO SCALE



5 DOVEL SPACING AT
 JOINT INTERSECTION DETAIL
 NOT TO SCALE



2 TYPE 'E' DOWELED
 CONSTRUCTION JOINT DETAIL
 NOT TO SCALE



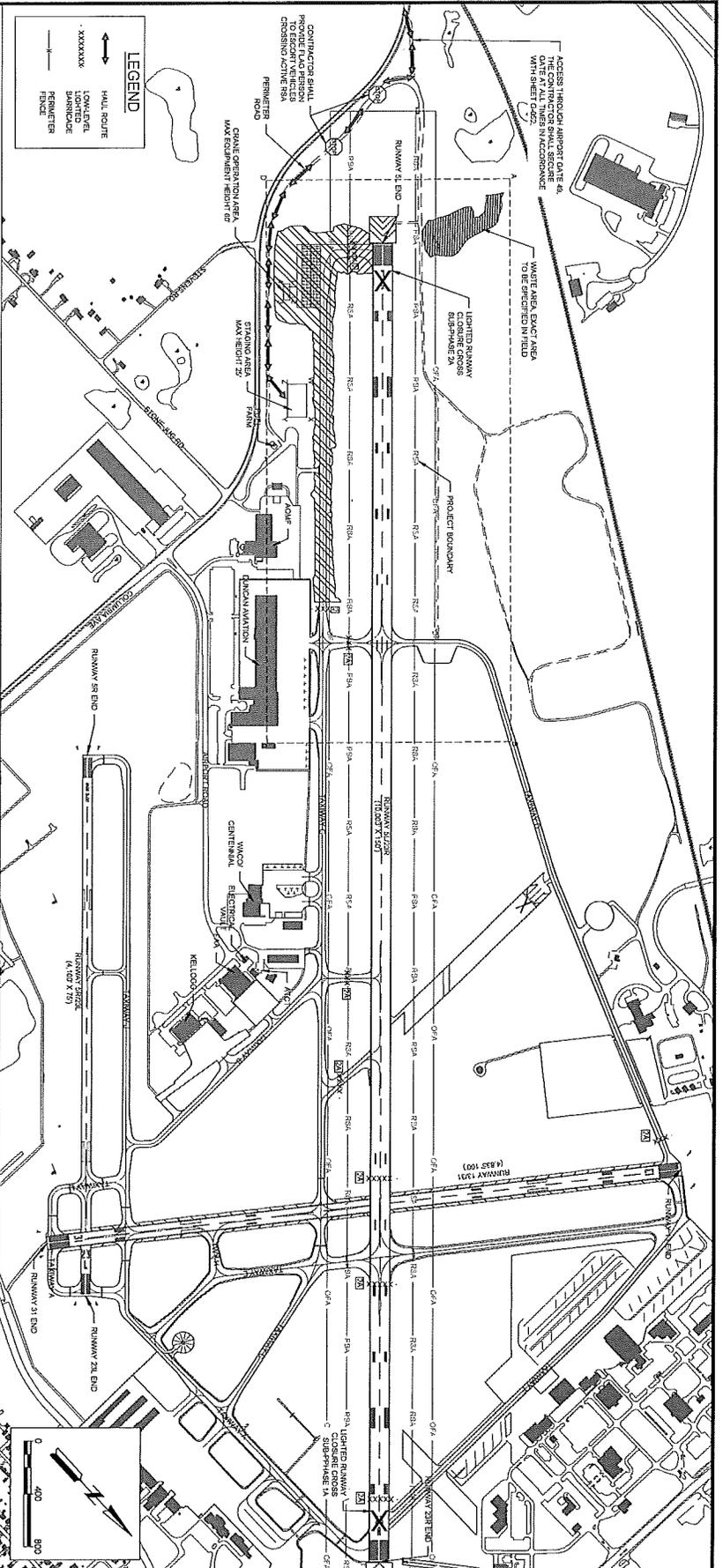
3 TYPE 'C' DOWELED
 CONTRACTION JOINT DETAIL
 NOT TO SCALE

- NOTES:
1. DOWELS FOR ALL APPLICABLE JOINT TYPES IN 1/4\"/>
 2. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT DOWEL PLACEMENT IS IN ACCORDANCE WITH THE PROJECT MANUAL FOR APPROVAL, A MINIMUM OF 2 WEEKS PRIOR TO THE FIRST DAY OF PAVEMENT.
 3. ALL JOINT SEALANT, JOINT SAWING, JOINT PREPARATION, AND CLEANUP IS RESPONSIBLE TO CONCRETE PLACEMENT, P&M.

**WK KELLOGG AIRPORT
 RECONSTRUCT TAXIWAY C
 PAVEMENT & LIGHTING PHASE 2**
 BATTLE CREEK, MI

Mead & Hunt
 Mead and Hunt, Inc.
 2605 Park Landing Road
 Lansing, MI 48906
 phone: 517-251-8334
 mead@mh.com

DATE: 02/26/18
 DRAWN BY: AJP
 CHECKED BY: JET
 PROJECT: WK KELLOGG AIRPORT
 SHEET NO: 49 OF 78
CP-502



PHASE	CONSTRUCTION	AFFECTED ACTIVE OPERATION (AIRS/ADVIS)	WORK HOURS	SAFETY AND SECURITY	CONTRACTOR
1	CONSTRUCTION OF THE C ROAD EXTENSION FROM STATION 30+24 AND EXPANSION OF RUN UP RAMP IN PHASE 2 TO BE COMPLETED EXCEPT FULL RATE PAVEMENT WORK TO BE COMPLETED BY THE END OF PHASE 2	TWO C CLOSED SOUTH OF TWY D	ANY	CONTRACTOR SHALL INSTALL LOW-WALL BARRIERS AT LOCATIONS SHOWN ON THE PLANS. CONTRACTOR SHALL PROVIDE APPROPRIATE EROSION CONTROL MEASURES AND INSTALL SLOTTED CURBS PRIOR TO STARTING CONSTRUCTION. AIRPORT MANAGER SHALL ISSUE ALL NOTICES. MAXIMUM EQUIPMENT HEIGHT SHALL BE 25'.	50
2	RECONSTRUCTION OF THE WESTERN PORTION OF RUNWAY 12 TO BE COMPLETED BY THE END OF PHASE 2	THIRSDAY TO SUNDAY (ANY HOURS)	8 AM - 10 PM	IN ADDITION TO THE ELECTRICAL BARRIERS, CONTRACTOR SHALL INSTALL LOW-WALL BARRIERS AND PROVIDE APPROPRIATE EROSION CONTROL MEASURES AND INSTALL SLOTTED CURBS PRIOR TO STARTING CONSTRUCTION. AIRPORT MANAGER SHALL ISSUE ALL NOTICES. MAXIMUM EQUIPMENT HEIGHT SHALL BE 25'.	4 DAYS
3	FULL RATE PAVEMENT WORK	VARIOUS SHORT TERM CLOSURES	8 AM - 10 PM	CONTRACTOR SHALL COMPLETE PHASE 2 BY THE END OF PHASE 2. AIRPORT MANAGER SHALL ISSUE ALL NOTICES. MAXIMUM EQUIPMENT HEIGHT SHALL BE 25'.	1 DAY

CONSTRUCTION AREA COORDINATES			
CORNER	LATITUDE	LONGITUDE	GROUND ELEVATION
A	N42° 17' 42.51" W085° 15' 46.41"	16° 11.34'	525
B	N42° 17' 42.51" W085° 15' 46.41"	16° 11.34'	525
C	N42° 17' 42.51" W085° 15' 46.41"	16° 11.34'	525
D	N42° 17' 42.51" W085° 15' 46.41"	16° 11.34'	525

GRAND AREA COORDINATES (MAX)			
CORNER	LATITUDE	LONGITUDE	GROUND ELEVATION
1	N42° 17' 42.51" W085° 15' 46.41"	16° 11.34'	525
2	N42° 17' 42.51" W085° 15' 46.41"	16° 11.34'	525
3	N42° 17' 42.51" W085° 15' 46.41"	16° 11.34'	525
4	N42° 17' 42.51" W085° 15' 46.41"	16° 11.34'	525

RUNWAY END COORDINATES			
RUNWAY	LATITUDE	LONGITUDE	GROUND ELEVATION
1	N42° 17' 42.51" W085° 15' 46.41"	16° 11.34'	525
2	N42° 17' 42.51" W085° 15' 46.41"	16° 11.34'	525
3	N42° 17' 42.51" W085° 15' 46.41"	16° 11.34'	525
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5	N42° 17' 42.51" W085° 15' 46.41"	16° 11.34'	525
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97	N42° 17' 42.51" W085° 15' 46.41"	16° 11.34'	525
98	N42° 17' 42.51" W085° 15' 46.41"	16° 11.34'	525
99	N42° 17' 42.51" W085° 15' 46.41"	16° 11.34'	525
100	N42° 17' 42.51" W085° 15' 46.41"	16° 11.34'	525

**WK KELLOGG AIRPORT
RECONSTRUCT TAXIWAY C
PAVEMENT & LIGHTING PHASE 2**
BATTLE CREEK, MI

Mead and Hunt, Inc.
2605 Panting, MI 48806
Phone: 517-251-4334
meadhunt.com

DATE: 4/16/2018
DRAWING: G-051
PROJECT: WK KELLOGG AIRPORT
CONSTRUCTION PHASES 2 AND 3
SHEET: 4 OF 76