

S. David Deanda, Jr., Chairman
Forrest Runnels, Vice-Chairman
Ricardo Perez, Secretary/Treasurer
Josue Reyes, Director
R. David Guerra, Director
Aquiles J. Garza Jr., Director
Alonzo Cantu, Director

HCRMA Staff

Pilar Rodriguez, PE, Executive Director
Ramon Navarro IV, PE, CFM, Construction Engineer
Celia Gaona, CIA, Auditor/Compliance Officer
Jose Castillo, Chief Financial Officer
Carlos "CJ" Moreno, Jr., Acquisition Coordinator
Maria Alaniz, Admin. Assistant
Flor E. Koll, Admin. Assistant III (Constr.)
Sergio Mandujano, Construction Records Keeper

Program Management Consultant
DANNENBAUM ENGINEERING CORP

PMC/GEC STATUS REPORT (10/2016)

Overview



- 1. Review: PMC Invoice
- 2. Status: Systemwide Tasks
- 3. Status: SH 365 Project
- 4. Status: IBTC Project
- 5. Status: OW/OS Corridor
- 6. Status: Constr. Cost Trends

PMC Invoice Overview (Active WA's: 10/2016 Invoice)



DANNENBAUM – PROGRAM MANAGER

Task (Current Billing)	WA 9 3/1/14 - 6/3	0/18	WA 16 5/28/14-01/3	31/16	WA 12/17/15-		WA9 - WA20 3/1/14 - 6/30/18		
Program Management Consultant	\$ 10	65,785	\$	-	\$	-	\$	165,785	
Project & Systemwide Mgt	\$ 12	25,647	\$	-	\$	-	\$	125,647	
Construction Mgt	\$	40,138	\$	-	\$	-	\$	40,138	
General Engineering Consultant (Tasks on Behalf of the Agency)	\$	-	\$	-	\$	-	\$	-	
Analyzing Documentation	\$	-	\$	-	\$	-	\$	-	
Building Agency	\$	-	\$	-	\$	-	\$	-	
Strategic Planning	\$	-	\$	-	\$	-	\$	-	
Public Outreach	\$	-	\$	-	\$	-	\$	-	
Advance Planning	\$	-	\$	-	\$	-	\$		
Total for All Tasks:	\$ 10	65,785	\$	-	\$	-	\$	165,785	

Firm (Current Billing)	WA 9 3/1/14 - 6/30/18	WA 16 5/28/14-01/31/16	WA 20 12/17/15-03/30/16	WA9 - WA20 3/1/14 - 6/30/18
Dannenbaum Eng Corp.	\$ 155,785	\$ -	\$ -	\$ 155,785
Direct Labor: Pathfinder	\$ 10,000	\$ -	\$ -	\$ 10,000
Direct Labor: George Ramon	\$ -	\$ -	\$ -	\$ -
Sub: Aranda and Assoc. (DBE)	\$ -	\$ -	\$ -	\$ -
Sub: Blanton & Assoc. (DBE)	\$ -	\$ -	\$ -	\$ -
Sub: C&M Associates (DBE)	\$ -	\$ -	\$ -	\$ -
Sub: RODS SUE (DBE)	\$ -	\$ -	\$ -	\$ -
Sub: UNINTECH (DBE)	\$ -	\$ -	\$ -	\$ -
Sub: CSE (DBE)	\$ -	-	-	\$ -
Total for All Firms:	\$ 165,785	\$ -	\$ -	\$ 165,785

PMC Invoice Overview (Active WA's: Earned to Date)



DANNENBAUM – PROGRAM MANAGER

Task (Earned to Date)	3/1,	WA 9 /14 - 6/30/18	5/2	WA 16 8/14-01/31/16	12/1	WA 20 17/15-03/30/16	WA9 - WA20 /1/14 - 6/30/18
Program Management Consultant	\$	6,569,698	\$	-	\$	-	\$ 6,569,698
Project & Systemwide Mgt	\$	6,343,574	\$	-	\$	-	\$ 6,343,574
Construction Mgt	\$	226,125	\$	-	\$	-	\$ 226,125
General Engineering Consultant (Tasks on Behalf of the Agency)	\$	-	\$	193,327	\$	273,051	\$ 466,377
Analyzing Documentation	\$	-	\$	-	\$	-	\$ -
Building Agency	\$	-	\$	-	\$	-	\$ -
Strategic Planning	\$	-	\$	-	\$	273,051	\$ 273,051
Public Outreach	\$	-	\$	-	\$	-	\$ -
Advance Planning	\$		\$	193,327	\$	-	\$ 193,327
Total for All Tasks:	\$	6,569,698	\$	193,327	\$	273,051	\$ 7,036,076

Firm (Formed to Date)		WA 9		WA 16		WA 20		WA9 - WA20
Firm (Earned to Date)	3/	1/14 - 6/30/18	5/	/28/14-01/31/16	12/	/17/15-03/30/16	3	3/1/14 - 6/30/18
Dannenbaum Eng Corp.	\$	5,425,578	\$	-	\$	-	\$	5,425,578
Direct Labor: Pathfinder	\$	310,000	\$	-	\$	-	\$	310,000
Direct Labor: George Ramon	\$	179,400	\$	-	\$	-	\$	179,400
Sub: Aranda and Assoc. (DBE)	\$	435,520	\$	-	\$	-	\$	435,520
Sub: Blanton & Assoc. (DBE)	\$	219,200	\$	-	\$	-	\$	219,200
Sub: C&M Associates (DBE)	\$	-	\$	-	\$	273,051	\$	273,051
Sub: RODS SUE (DBE)	\$	-	\$	-	\$	-	\$	-
Sub: UNINTECH (DBE)			\$	-	\$	-	\$	-
Sub: CSE (DBE)	\$	-	\$	193,327	\$	-	\$	193,327
Total for All Firms:	\$	6,569,698	\$	193,327	\$	273,051	\$	7,036,076

Systemwide Tasks



PMC WA 9

- Managed/met/reviewed all development efforts done by other HCRMA consultants for SH 365 and IBTC.
- Provided support to Staff for landowner coordination, meetings with stakeholders, in addition to Staff support for ROW document preparation, contract document support, and document control.
- Construction Management tasks include
 - US 281 / BSIF construction and document control systems created (Appia and ProjectWise) for coordination with the Contractor and TxDOT.
 - Managing RFI, submittals, shop drawing reviews, and supporting logging of testing and inspection in coordination with HCRMA Construction Engineer and Records Keeper (including SW3P inspections, etc.).

■ PMC WA 9 Cont.

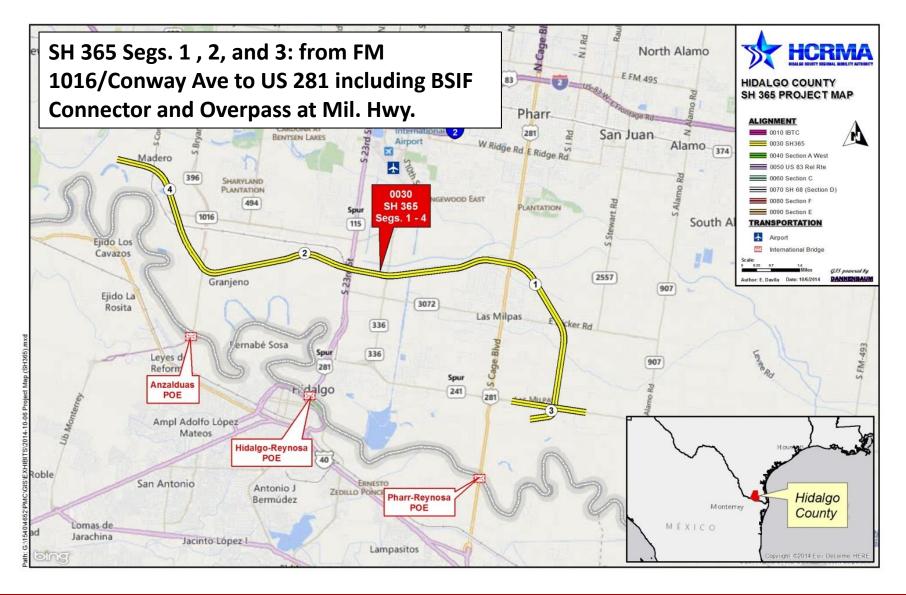
- Continued to provide support to reviews/input for the365
 TOLL PDA.
- Merging PS&E sets from L&G and S&B into one cohesive plan set.

PMC WA 16

- Offsite Hydrologic Studies are 99% complete by Civil
 Systems Engineers (Deren Li) for eventual use on HCDD#1
 Outfall Improvements.
- Continued follow-up with HCDD#1 for SH 365 Seg 1 & 2
 Outfall Development.

Project Overview for SH 365





Project Schedule for SH 365



SH 365 / US 281 Improvements - Phase I (Segment 3)																								
(US 281 / Mil. Hwy. from SP600 / Cage Blvd. to FM 2557 / Stewart Rd and the BSIF Connector)																								
WORK TASK						20	15											20	16					
WORK TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Env. Clearance (FONSI)							\Diamond																	
Final Design (Complete)																								
ROW Acquisition (Complete)																								
Utility Relocation																								
Constr. Bid Opening (Letting)																								
Construction Starts																		·						

CONSTRUCTION FOR SH 365 PHASE I: FROM 02/01/2016 TO 09/30/2017

SH 365 - Phase II (Segments 1 & 2)																								
(FM 396 / Anzalduas Hwy. to US 281 / Military Hwy)																								
WORK TASK		2016 2017																						
WORK TASK	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Env. Clearance (FONSI)											Occui	rred J	luly 2	2015										
Final Design																								
ROW Acquisition Phase																								
Utility Relocation																								
Constr. Bid Advertisement																								
Constr. Bid Opening (Letting)																								
Construction Starts																								

CONSTRUCTION FOR SH 365 PHASE II: FROM 6/1/2017 TO 12/30/2019

Project Schedule Milestones for SH 365 (1 of 2)



- 8/8/2016: 95% PS&E Submittal for Segments 1 & 2 (Merged) to TxDOT for Concurrent Review by Pharr District and Austin Divisions
- 8/29/2016: Receive 95% PS&E Comments from TxDOT (15 days as per PDA)
- 11/30/2016: Submit Bid Package (Bid Proposal and 100% Plans) to TxDOT
- 11/15/2016 to 12/15/2016: GEC Report Created
- 2/15/2017: LOA Received by HCRMA
- 3/1/2017: Advertisement Date (Sat 3/4 & Sun 3/5 & Subsequent weekends)

4/5/2017: Letting Date

Project Schedule Milestones for SH 365 (2 of 2)



- 4/18/2017: Award Date by HCRMA (NTP Contingent upon TxDOT / FHWA concurrence)
- 4/20/2017: Visit Rating Agencies
- 4/26/2017: Receive Ratings
- 4/28/2017: Post POS
- 5/1/2017: Marketing and Road Show for entire week
- 5/8/2017: Price Bonds
- 5/26/2017: Close Bonds
- 5/31/2017: Issue Construction Contract NTP
- 12/31/2019: Constr. Ends SH 365 Seg. 1 & 2



Design

- PS&E on SH 365 Segment 3 (US 281/BSIF) is 100% complete.
- PS&E on SH 365 Segments 1 and 2 are 95% complete.
- All requested subsurface utility exposures are 100% complete.
- Geo-technical for SH 365 Segment 3 (US 281) is 100% complete.
- Geo-technical for SH 365 Segments 1 and 2 are 100% complete.
- Onsite Hydrologic Studies for SH 365 Segments 1, 2, and 3 are 100% complete.

SH 365 Project Status



ROW Mapping / Acquisition

- ROW Maps and Parcels for Segments 1 & 2 delivered to ROW team.
- Most appraisals completed, save for a few new levee parcels, along parcels modified for whole parcel takings, and in places where updated title information has become available.
- Land acquisition ongoing throughout entire corridor from Anzalduas Bridge to US 281 Military Highway.

Utility Relocations

- Major utilities have been coordinated with and held kick-off meetings with said owners (cities, private utilities, irrigation districts, etc.). Continuing to negotiate relocation agreements, while coordinating movement of those that are ready to move.
- As ROW is acquired PMC has examined possibility of releasing utility relocation agreements.

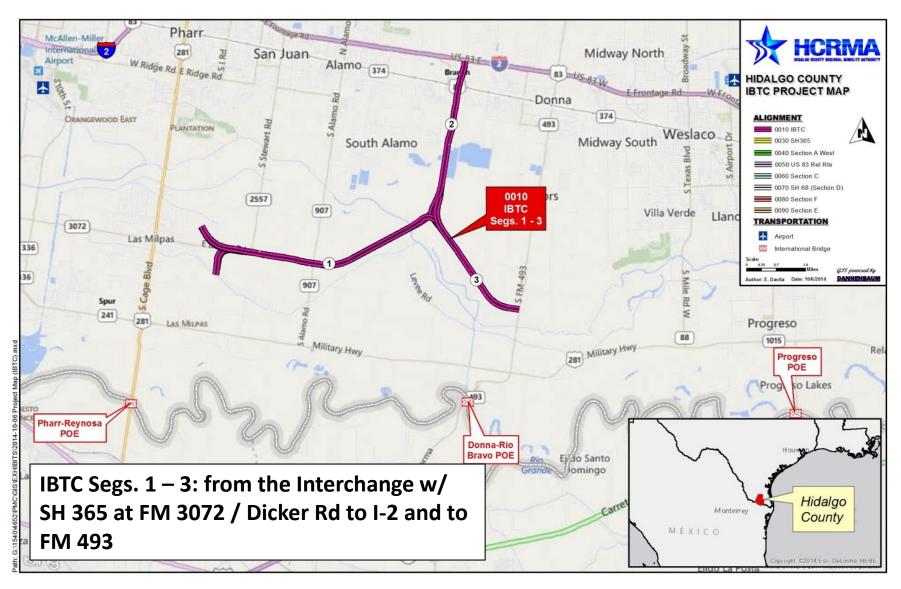


Environmental

- USIBWC
 - The Texas State Historical Commission has completed environmental review of the USIBWC Construction License.
- USACE 404 Permit & Wetland Mitigation Plan
 - Executed USACE 404 Individual Permit received September 22, 2016.
 - The proposed wetland mitigation site has been selected and an offer is being prepared.

Project Overview for IBTC





Project Schedule for IBTC



	IBTC - Segments 1-3																											
	(From Dicker Rd. Interchange to end of the Floodway North to I-2 & from Valleyview Interchange to FM 493)																											
WORK TASK 2015 2016 2017																												
WORK TASK	Sep	Oct	Nov	Dec	Jan	Feb	Mai	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Environmental																												
Final Plans																												
ROW Acquisition																												
Utility Relocation																												
Constr. Bid Opening	Constr. Bid Opening (Letting)																											
Construction Starts	Construction Starts Constr																											
	CONSTRUCTION FROM 12/15/2017 TO 06/15/2020																											

Proposed Revised Schedule:

- · Contingent upon Board direction
- Funding considerations
- · Clearing environmental

IBTC Project Status



Design

- PS&E for IBTC Segments 1 3 are 40 to 60% complete.
- Geo-technical borehole efforts are on pause for IBTC Segments 1-3.
- Onsite Hydrologic Studies for IBTC have been reviewed and are being finalized.
- Subsurface Utility Exposures are 100% complete.

Environmental

- A Phase II ESA was completed on the Donna Reservoir-IBTC footprint, final lab results indicate no PCB contamination is present within the proposed ROW.
- As directed by the Executive Director the PMC has provided options to expedite the environmental clearance of the IBTC project.
- IBTC Right-of-Entry forms are being updated to reduce any delays to environmental fieldwork.

IBTC Project Status



ROW Mapping

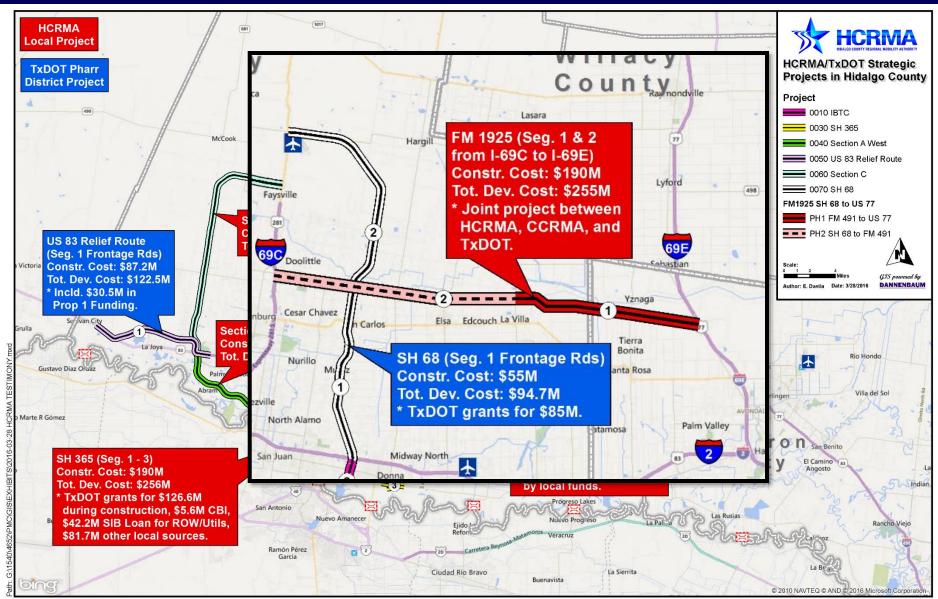
 Strip map for complete IBTC project is complete for the entire project, as well as all ETT-easement parcels completed.

ROW Acquisition

- All parcels north of Donna Reservoirs have been submitted to the ROW Acquisition Team.
- Early acquisition is nearing completion for the AEP/ETT local project ROW for the transmission line (4 parcels remain at various stages of closure).

HCRMA Planning Efforts





HCRMA Planning Efforts

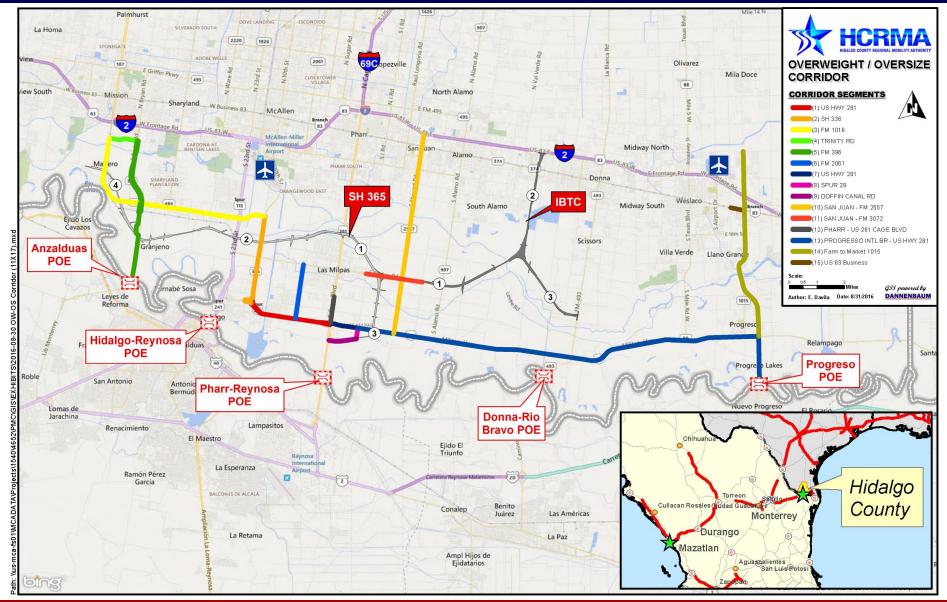


FM 1925 (from I69C to I-69E)

- TxDOT Committed Supplemental Development Authority Funds for the Entire 27 Mile Corridor as an expressway facility.
- TxDOT has committed to funding the Schematic Design.
- Cameron County has committed to funding the segment of FM 1925 from the eastern Hidalgo County Line to US 77 and ultimately to the South Padre Island 2nd access.
- Interlocal between HCRMA and CCRMA is being finalized to complete the Environmental Documents.
- \$40M in Proposition 1 & 7 funds for the Right-of-Way and Construction of the segment of the project from FM 88 East to the Cameron County line have been allocated at the HCMPO.

Project Overview for Overweight/Oversize Corridor Permits HCR





Overweight/Oversize Corridor Permits Report



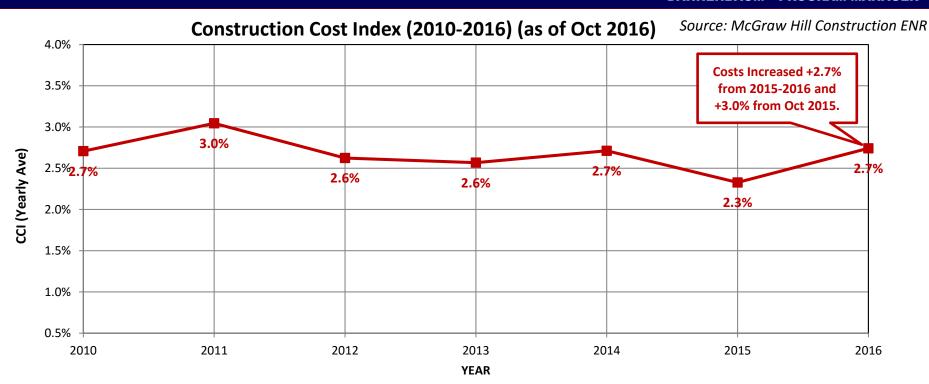
From 01/01/2016 - 10/07/2016

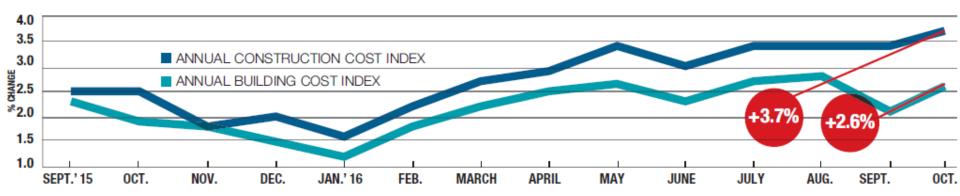
Total Permits Issued:	22,492
Total Amount Collected:	\$ 1,849,623
■ Convenience Fees (CC):	\$ 50,263
■ Total Permit Fees:	\$ 1,799,360
– Pro Miles:	\$ 67,476
-TxDOT:	\$ 1,529,456
- HCRMA:	\$ 202,428

Construction Cost Index



DANNENBAUM – PROGRAM MANAGER



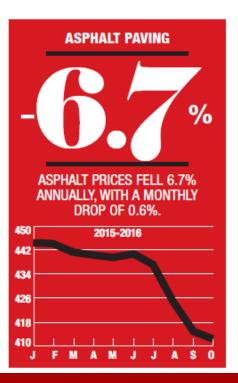


Construction Cost Trends: Asphalt Paving Prices



DANNENBAUM – PROGRAM MANAGER

- The 20-city average price for liquid asphalt has changed as follows:
 - Price decreased -0.6% in Oct 2016
 - Price decreased -6.7% since Oct 2015



20-CITY AVERAGE

12" x 8" x 16"

ITEM	UNIT	\$PRICE	%MONTH	%YEAR
ASPHALT PAVING				
PG 58	TON	372.06	-0.6	-6.7
Cutback, MC800	TON	381.93	-0.1	+1.3
Emulsion, RAPID SET	TON	358.63	-0.1	+1.0
Emulsion, SLOW SET	TON	368.28	0.0	+0.1

PORTLAND CEMENT				
Type one	TON	108.65	-1.9	-6.0

MASONRY CEMENT				
70-lb	BAG	8.55	0.0	+0.3
CRUSHED STONE				
Base course	TON	10.05	0.0	-4.1
Concrete course	TON	10.80	-0.1	-0.1
Asphalt course	TON	11.00	-0.2	-1.9
SAND				
Concrete	TON	9.14	-0.1	-1.3
Masonry	TON	10.93	-0.1	+2.9
READY-MIX CONCRET	Έ			
3,000 psi	CY	111.92	-0.1	+3.1
4,000 psi	CY	116.13	-0.1	+2.9
5,000 psi	CY	122.27	0.0	+1.9
CONCRETE BLOCK				
Normal weight: 8" x 8" x 16"	С	134.27	-0.2	-7.4
Lightweight: 8" x 8" x 16"	С	163.78	-0.1	+1.3

174.77

-0.2

-0.2

Source: McGraw Hill Construction ENR

10/10/2016 23