

PO# 161359

34Y

pm5

CHANGE ORDER FORM

CHANGE ORDER NUMBER 03

PROJECT: CONSTRUCTION OF FM 359/FM 1093 WESTPARK EXTENSION FROM WEST OF CROSS CREEK RANCH BLVD TO EAST OF FM 1463/FM 359 CONSISTING OF GRADING, LIME TREATED SUBGRADE, PORTLAND CEMENT TREATED BASE, CONCRETE PAVEMENT, STORM SEWERS, STRUCTURES, RETAINING WALLS, ETC.

CONTRACTOR: WEBBER, LLC.

Contractor is directed to make the following changes to the Contract Documents.

DESCRIPTION OF CHANGES: Addition of 10x8 RBC from FM 1463 to Sprint Pond Outfall per TxDOT request.

ATTACHMENTS: CO 03 Justification Letter, PCO 10

CHANGE IN CONTRACT PRICE

1. Original Price:	\$ 20,881,997.72 ✓
2. Total of Prior Change Orders:	\$ 872,477.91 ✓
3. Total Price Prior to Current Change Order:	\$ 21,754,475.63 ✓
4. Total of Current Change Order:	\$ 2,796,266.22
5. New Price Resulting from Current Change Order:	\$ 24,550,741.85 ✓

CHANGE IN CONTRACT TIME

Original Time:	420 DAYS
Total of Prior Change Orders:	0 DAYS
Total Time Prior to Current Change Order:	420 DAYS
Total of Current Change Order:	0 DAYS
New Time Resulting from Current Change Order:	420 DAYS

AGREED BY:

Engineer's Seal



Contractor:

DocuSigned by:

Josh Gayne

8/9/2018 | 4:05 PM CDT

(Signature)

(Date)

Resident Engineer:

R. L. Kronenberger P.E.

8/10/2018

(Signature)

(Date)

Project Manager:

[Signature]

10/18/2018

(Signature)

(Date)

APPROVED BY:

Texas Department of Transportation:

Grady B. Mayes, P.E.

10/11/2018

(Signature)

(Date)

Fort Bend County

[Signature]

(Signature)

(Date)

COST REPORT

Item Number		Description	Unit	Unit Price	Authorized Quantity To Date	Change Order Quantity	Revised Quantity	Change Order Cost
Item	Desc.							
Change Order 03 - New Items								
0400	9001	CUT & RESTORE (STAB SAND & FAST TRACK)	SY	\$ 231.05	-	200.00	200.00	\$ 46,210.00
0402	9001	TRENCH EXCAV PROTECTION (CROSSING)	LF	\$ 120.80	-	100.00	100.00	\$ 12,080.00
0432	6002	RIPRAP (CONC)(5 IN)	CY	\$ 954.10	-	30.00	30.00	\$ 28,623.00
0432	6027	RIPRAP (STONE COMMON)(DRY)(24 IN)	CY	\$ 137.04	-	247.00	247.00	\$ 33,848.88
0462	6032	CONC BOX CULV (10 FT X 8 FT)	LF	\$ 790.85	-	2,936.00	2,936.00	\$ 2,321,935.60
0462	9001	CONC BOX CULV (10X8 PLUG)	EA	\$ 2,041.50	-	1.00	1.00	\$ 2,041.50
0462	9002	CONC BOX CULV (3X3 REMOVE & REPLACE)	LF	\$ 543.49	-	24.00	24.00	\$ 13,043.76
0462	9003	CONC BOX CULV (10X8 COLLAR)	EA	\$ 16,729.89	-	1.00	1.00	\$ 16,729.89
0464	9001	RC PIPE (24 IN PLUG)	EA	\$ 596.55	-	1.00	1.00	\$ 596.55
0465	9001	JCT BOX (COMPL)(SPL 1)	EA	\$ 31,505.99	-	2.00	2.00	\$ 63,011.98
0466	6212	WINGWALL (SW-0)(HW=9 FT)	EA	\$ 48,425.62	-	1.00	1.00	\$ 48,425.62
Change Order 03 - Exist Items								\$ -
0400	6005	CEM STABIL BKFL	CY	\$ 37.20	12,863.00	5,044.90	17,907.90	\$ 187,670.28
0400	6009	CEMENT STAB BACKFILL (INLET OR MH)	CY	\$ 37.20	1,020.00	50.00	1,070.00	\$ 1,860.00
0402	6001	TRENCH EXCAVATION PROTECTION	LF	\$ 0.87	19,168.00	2,836.00	22,004.00	\$ 2,467.32
0465	6167	INLET (COMPL)(TY AD)	EA	\$ 2,930.99	30.00	1.00	31.00	\$ 2,930.99
0465	6174	MANH (COMPL)(TY B)	EA	\$ 6,434.59	3.00	2.00	5.00	\$ 12,869.18
0496	6007	REMOV STR (PIPE)	LF	\$ 17.63	3,713.00	109.00	3,822.00	\$ 1,921.67
							-	\$ -
							-	\$ -
							-	\$ -
							-	\$ -
TOTAL CHANGE ORDER COST =								\$ 2,796,266.22

Fort Bend County
301 Jackson St.
Richmond, TX 77469

August 10, 2018

Mr. Grady Mapes, P.E.
Area Engineer – Fort Bend County Area Office
Texas Department of Transportation
4235 TX-36
Rosenberg, Texas 77471

RE: FM 359/FM 1093 Westpark Extension
Limits: From West of Cross Creek Ranch Blvd to East of FM 1463/359
For Construction Consisting Of Grading, Lime Treated Subgrade, Portland Cement
Treated Base, Concrete Pavement, Storm Sewers, Structures, Retaining Walls, Etc.
CHANGE ORDER 03 JUSTIFICATION

Dear Mr. Mapes:

Fort Bend County Engineering Department (FBCED), is submitting for your review and concurrence Change Order 03 for the subject project. This change order is necessary to add additional work items for the TxDOT requested additional work to install a 10x8 reinforced box culvert for future use on the FM 1463 widening.

Cost proposals from the contractor have been submitted multiple times to negotiate the cost to a level that is reasonable. Work was explored to be performed as either precast or cast-in-place, with precast ultimately being chosen for cost.

The backup for all costs was provided and through negotiations with the contractor, we feel that this price is fair and reasonable for the work that had to be performed.

This letter serves as notice that the proposed work described above will not affect any of the environmental clearances or commitments for the subject project.

If you have any questions regarding this matter, please contact me at (832) 217-6014.

Sincerely,



Richard "Rick" Kronenberger, P.E.
Resident Engineer
Attachments

cc: Project File



July 18, 2018

Mike Stone
Fort Bend County
301 Jackson St.
Richmond, TX 77469

Attn: Mike Stone

Re: REQUEST FOR CHANGE - 10X8 RCB
C/N 0543-02-063 ETC.

Project: TxDOT
FM 1093 PHASE II

Mr. Stone,

This proposal for extra work provides for new line item pricing for the proposed 10x8 RCB and related items of work for it's installation according to the released for construction drawings provided by Dannenbaum Engineering. Pricing below accounts for four day closure of the EBFR to allow for the installation and pavement restoration where the RCB crosses the EBFR.

Webber has performed a test excavation to a depth of 18' to confirm groundwater conditions immediately adjacent to the proposed 10x8 RCB and allowed the excavation to remain open overnight. The results were no groundwater infiltration into the excavation. As such, this proposal is based on installation of the proposed work in the absence of any groundwater.

No cost escalations were factored in the pricing. In order to avoid undue cost escalations, work must be directed to proceed no later than July 30, 2018. If direction is not provided by this date, Webber must be afforded the ability to review any escalations which may be required and the pricing to be adjusted accordingly.

This proposal does NOT consider any additional time that may be required to be added to the contract. Any time related impacts associated with this change shall be addressed via separate change order.

NEW ITEMS OF WORK:

DESC.	QTY	UNIT	UNIT PRICE	TOTAL
CONC BOX CULV (10X8)	2,936.00	LF	\$ 790.85	\$ 2,321,923.17
PLUG 10X8 RCB	1.00	EA	\$ 2,041.50	\$ 2,041.50
PLUG 24" RCP	1.00	EA	\$ 596.55	\$ 596.55
10X8 JCT BOX	2.00	EA	\$ 31,505.99	\$ 63,011.97
REMOVE & REPLACE 3X3 RCB	24.00	LF	\$ 543.49	\$ 13,043.82
10X8 RCB COLLAR	1.00	EA	\$ 16,729.89	\$ 16,729.89
OUTFALL	1.00	EA	\$ 48,425.62	\$ 48,425.62
5IN RIP RAP	30.00	CY	\$ 954.10	\$ 28,623.12
24IN STONE RIP RAP	247.00	CY	\$ 137.04	\$ 33,848.25
TRENCH PROTECTION - CROSSING	100.00	LF	\$ 120.80	\$ 12,079.60
CUT & RESTORE W/ STAB SAND/FST T	200.00	SY	\$ 231.05	\$ 46,210.82

EXISTING ITEMS TO OVERRUN:

DESC.	QTY	UNIT	UNIT PRICE	TOTAL
REMOVE STR (PIPE)	109.00	LF	\$	17.63 \$ 1,921.67
CEMENT STABIL BKFL	5,044.90	CY	\$	37.20 \$ 187,670.43
CEMENT STABIL BKFL (INLET OR MH)	50.00	CY	\$	37.20 \$ 1,860.00
TRENCH EXCAVATION PROTECTION	2,836.00	LF	\$	0.87 \$ 2,467.32
INLET (COMPL)(TY AD)	1.00	EA	\$	2,930.99 \$ 2,930.99
MANH TY B	2.00	EA	\$	6,434.59 \$ 12,869.18

TOTAL CHANGE ORDER**\$2,796,253.91**

Please contact me if this extra work proposal is acceptable.

Sincerely,



Matthew Brangan
Project Manager

REQUEST FOR CHANGE

Fort Bend County
FM 1093 Wespark Extension Phase II

CONC BOX CULV (10X8)		2,936.00 LF	@	96.00 LF/DAY	
ADDITIONAL WWW LABOR ITEMS:		CREW	HOURS	LABOR UNIT	LABOR COST
OFFLOAD RCB & STAGE (30 EA 6' SECTIONS/DAY)					
FOREMAN	1.00 EA	163.11	\$	42.00	\$ 6,850.67
CRANE OPERATOR	1.00 EA	163.11	\$	35.00	\$ 5,708.89
PIPELAYER	2.00 EA	163.11	\$	17.00	\$ 5,545.78
LABORER	1.00 EA	163.11	\$	13.50	\$ 2,202.00
INSTALL RCB					\$ -
FOREMAN	1.00 EA	305.83	\$	42.00 /EA	\$ 12,845.00
CRANE OPERATOR	1.00 EA	305.83	\$	35.00 /EA	\$ 10,704.17
TRACKHOE OPERATOR	2.00 EA	305.83	\$	21.00 /EA	\$ 12,845.00
DOZER OPERATOR - KNOCK DOWN SPOILS % BACKFILL EXC	2.00 EA	305.83	\$	18.00 /EA	\$ 11,010.00
LOADER OPERATOR	1.00 EA	305.83	\$	18.00 /EA	\$ 5,505.00
ROLLER OPERATOR	1.00 EA	305.83	\$	16.00 /EA	\$ 4,893.33
PIPELAYER	2.00 EA	305.83	\$	17.00 /EA	\$ 10,398.33
SUBTOTAL WWW LABOR:					\$ 88,508.17
BURDEN @ 55%:					\$ 48,679.49
25% OF LABOR					\$ 22,127.04
TOTAL WWW LABOR:					\$ 159,314.70

ADDITIONAL WWW MATERIAL ITEMS:		MATERIAL COST	MATERIAL UNIT	MATERIAL COST
10X8 RCB	\$	465.00 /LF	2,936.00 LF	\$ 1,365,240.00
	\$	- /		\$ -
	\$	- /		\$ -
	\$	- /		\$ -
SUBTOTAL WWW MATERIAL:				\$ 1,365,240.00
MATERIAL @ 25% MARK-UP:				\$ 341,310.00
TOTAL WWW MATERIAL:				\$ 1,706,550.00

ADDITIONAL WWW EQUIPMENT ITEMS:		EQUIPMENT COST	EQUIPMENT UNIT /HR	EQUIPMENT QTY	EQUIPMENT COST
OFFLOAD RCB & STAGE (30 EA 6' SECTIONS/DAY)					
1/2 TON PICKUP TRUCK		14.92 /HR	163.11	1.00	\$ 2,433.62
100 TON CRAWLER CRANE	\$	183.00 /HR	163.11	1.00	\$ 29,849.33
INSTALL RCB					
1/2 TON PICKUP TRUCK	\$	14.92 /HR	305.83	1.00	\$ 4,563.03
100 TON CRAWLER CRANE	\$	183.00 /HR	305.83	1.00	\$ 55,967.50
KOMATSU 490 HYDRAULIC EXCAVATOR - EXC FOR RCB	\$	214.57 /HR	305.83	1.00	\$ 65,622.66
KOMATSU 360 HYDRAULIC EXCAVATOR	\$	139.68 /HR	305.83	1.00	\$ 42,718.80
DEERE 450 DOZER (1 BACKFILLING & 1 SPREADING SPOILS)	\$	51.91 /HR	305.83	2.00	\$ 31,751.62
KOMATSU 380 WHEEL LOADER	\$	68.29 /HR	305.83	1.00	\$ 20,885.36
84" PADFOOT ROLLER	\$	67.29 /HR	305.83	1.00	\$ 20,579.53
VIBRATORY PLATE COMPACTOR	\$	4.55 /HR	305.83	1.00	\$ 1,391.54
JUMPING JACK	\$	4.96 /HR	305.83	1.00	\$ 1,516.93
SUBTOTAL WWW EQUIPMENT:					\$ 277,279.92
EQUIPMENT @ 15% MARK-UP:					\$ 41,591.99
TOTAL WWW EQUIP:					\$ 318,871.91

ADDITIONAL SUBCONTRACTOR ITEMS:		QUANTITIES	UNIT PRICE	BID TOTALS
TRUCKING - HAUL SPOILS (7 CY/LOAD - 20,300 CY - 30 MIN TURNAROUND)	2,990.37 LD	\$	25.00 /LD	\$ 74,759.26
MOB/DEMOB 100 TON CRANE	2.00 EA	\$	15,000.00 /EA	\$ 30,000.00
MOB/DEMOB EQUIPMENT	10.00 EA	\$	400.00 /EA	\$ 4,000.00
SUBTOTAL SUBS:				108,759.26
SUBS @ 5% MARK-UP:				5,437.96
TOTAL SUBCONTRACTOR ITEMS:				\$ 114,197.22

TOTAL ADDITIONAL DAYS TO PERFORM WORK:

SUMMARY

SUBTOTAL ALL ITEMS:	\$ 2,298,933.83
1.0% BOND:	\$ 22,989.34
ADDITIONAL WORK TOTAL:	\$ 2,321,923.17

TOTAL FOR ADDITIONAL WORK:



REQUEST FOR CHANGE

Fort Bend County
FM 1093 Wespark Extension Phase II

PLUG 10X8 RCB		1.00 EA			
ADDITIONAL WWW LABOR ITEMS:		CREW	HOURS	LABOR UNIT	LABOR COST
FOREMAN		0.50 EA	10.00 \$	42.00 /EA	\$ 210.00
CARPENTER		2.00 EA	10.00 \$	17.00 /EA	\$ 340.00
LABORER		1.00 EA	10.00 \$	13.50 /EA	\$ 135.00
					\$ -
					\$ -
SUBTOTAL WWW LABOR:					\$ 685.00
BURDEN @ 55%:					\$ 376.75
25% OF LABOR					\$ 171.25
TOTAL WWW LABOR:					\$ 1,233.00

ADDITIONAL WWW MATERIAL ITEMS:		MATERIAL COST	MATERIAL UNIT	MATERIAL COST
BRICK	\$	0.25 /EA	1,500.00 EA	\$ 375.00
GROUT	\$	9.35 /SK	20.00 SK	\$ 187.00
SUBTOTAL WWW MATERIAL:				\$ 562.00
MATERIAL @ 25% MARK-UP:				\$ 140.50
TOTAL WWW MATERIAL:				\$ 702.50

ADDITIONAL WWW EQUIPMENT ITEMS:		EQUIPMENT COST	EQUIPMENT UNIT /HR	EQUIPMENT QTY	EQUIPMENT COST
1/2 TON PICKUP TRUCK	\$	14.92 /HR	10.00	0.50	\$ 74.60
					\$ -
SUBTOTAL WWW EQUIPMENT:					\$ 74.60
EQUIPMENT @ 15% MARK-UP:					\$ 11.19
TOTAL WWW EQUIP:					\$ 85.79

ADDITIONAL SUBCONTRACTOR ITEMS:		QUANTITIES	UNIT PRICE	BID TOTALS
		-	\$ - /	\$ -
		-	\$ - /	\$ -
SUBTOTAL SUBS:				0.00
SUBS @ 5% MARK-UP:				0.00
TOTAL SUBCONTRACTOR ITEMS:				\$ -

TOTAL ADDITIONAL DAYS TO PERFORM WORK:

0

SUMMARY

SUBTOTAL ALL ITEMS:	\$ 2,021.29
1.0% BOND:	\$ 20.21
ADDITIONAL WORK TOTAL:	\$ 2,041.50

TOTAL FOR ADDITIONAL WORK:

\$ 2,041.50 EA

webber
REQUEST FOR CHANGE

TxDOT
US 290 HARRIS COUNTY

10X8 RCB COLLAR	1.00 EA					
ADDITIONAL WWW LABOR ITEMS:	CREW	HOURS		LABOR UNIT		LABOR COST
FOREMAN	1.00 EA	50.00	\$	42.00 /EA	\$	2,100.00
TRACKHOE OPERATOR	1.00 EA	4.00	\$	18.00 /EA	\$	72.00
CARPENTER	3.00 EA	50.00	\$	17.00 /EA	\$	2,550.00
LABORER	2.00 EA	50.00	\$	13.50 /EA	\$	1,350.00
					\$	-
					\$	-
SUBTOTAL WWW LABOR:					\$	6,072.00
BURDEN @ 55%:					\$	3,339.60
25% OF LABOR					\$	1,518.00
TOTAL WWW LABOR:					\$	10,929.60

ADDITIONAL WWW MATERIAL ITEMS:	MATERIAL COST	MATERIAL UNIT		MATERIAL COST
CL C CONCRETE (20% YEILD FACTORED)	\$	105.00 /CY	12.00 CY	\$ 1,260.00
ENVIR FEE & FUEL SURCHARGE	\$	35.00 /LD	3.00 LD	\$ 105.00
SHORT LOAD CHARGE	\$	20.00 /EA	3.00 EA	\$ 60.00
REBAR	\$	22.50 /CY	10.00 CY	\$ 225.00
8X4 CDX PLYWOOD	\$	29.23 /SHT	10.00 SHT	\$ 292.30
4X4 #2 SYP - 16'	\$	51.96 /EA	8.00 EA	\$ 415.68
2X4 #2 SYP - 16'	\$	25.98 /EA	10.00 EA	\$ 259.80
SUBTOTAL WWW MATERIAL:				\$ 2,617.78
MATERIAL @ 25% MARK-UP:				\$ 654.45
TOTAL WWW MATERIAL:				\$ 3,272.23

ADDITIONAL WWW EQUIPMENT ITEMS:	EQUIPMENT COST	EQUIPMENT UNIT /HR	EQUIPMENT QTY	EQUIPMENT COST
1/2 TON PICKUP TRUCK	\$	14.92 /HR	50.00	\$ 746.00
KOMATSU 490 HYDRUALIC EXCAVATOR	\$	214.57 /HR	4.00	\$ 858.28
5,000 WATT GENERATOR	\$	5.00 /HR	50.00	\$ 250.00
HAMMER DRILL	\$	2.00 /HR	50.00	\$ 100.00
14" CIRCULAR SAW	\$	2.00 /HR	50.00	\$ 100.00
				\$ -
SUBTOTAL WWW EQUIPMENT:				\$ 2,054.28
EQUIPMENT @ 15% MARK-UP:				\$ 308.14
TOTAL WWW EQUIP:				\$ 2,362.42

ADDITIONAL SUBCONTRACTOR ITEMS:	QUANTITIES	UNIT PRICE	BID TOTALS
	-	\$ - /	\$ -
	-	\$ - /	\$ -
SUBTOTAL SUBS:			0.00
SUBS @ 5% MARK-UP:			0.00
TOTAL SUBCONTRACTOR ITEMS:			\$ -

TOTAL ADDITIONAL DAYS TO PERFORM WORK:

0

SUMMARY

SUBTOTAL ALL ITEMS:	\$	16,564.25
1.0% BOND:	\$	165.64
ADDITIONAL WORK TOTAL:	\$	16,729.89

TOTAL FOR ADDITIONAL WORK:

\$ 16,729.89 EA



REQUEST FOR CHANGE

Fort Bend County
FM 1093 Wespark Extension Phase II

PLUG 24" RCP		1.00 EA				
ADDITIONAL WWW LABOR ITEMS:		CREW	HOURS	LABOR UNIT		LABOR COST
FOREMAN		0.50 EA	5.00 \$	42.00 /EA	\$	105.00
CARPENTER		1.00 EA	5.00 \$	17.00 /EA	\$	85.00
LABORER		1.00 EA	5.00 \$	13.50 /EA	\$	67.50
					\$	-
					\$	-
SUBTOTAL WWW LABOR:					\$	257.50
BURDEN @ 55%:					\$	141.63
25% OF LABOR					\$	64.38
TOTAL WWW LABOR:					\$	463.50

ADDITIONAL WWW MATERIAL ITEMS:		MATERIAL COST	MATERIAL UNIT		MATERIAL COST
BRICK	\$	0.25 /EA	120.00 EA	\$	30.00
GROUT	\$	9.35 /SK	4.00 SK	\$	37.40
SUBTOTAL WWW MATERIAL:					\$ 67.40
MATERIAL @ 25% MARK-UP:					\$ 16.85
TOTAL WWW MATERIAL:					\$ 84.25

ADDITIONAL WWW EQUIPMENT ITEMS:		EQUIPMENT COST	EQUIPMENT UNIT /HR	EQUIPMENT QTY	EQUIPMENT COST
1/2 TON PICKUP TRUCK	\$	14.92 /HR	5.00	0.50	\$ 37.30
					\$ -
SUBTOTAL WWW EQUIPMENT:					\$ 37.30
EQUIPMENT @ 15% MARK-UP:					\$ 5.60
TOTAL WWW EQUIP:					\$ 42.90

ADDITIONAL SUBCONTRACTOR ITEMS:		QUANTITIES	UNIT PRICE	BID TOTALS
		-	\$ - /	\$ -
		-	\$ - /	\$ -
SUBTOTAL SUBS:				0.00
SUBS @ 5% MARK-UP:				0.00
TOTAL SUBCONTRACTOR ITEMS:				\$ -

TOTAL ADDITIONAL DAYS TO PERFORM WORK:

0

SUMMARY

SUBTOTAL ALL ITEMS:	\$	590.65
1.0% BOND:	\$	5.91
ADDITIONAL WORK TOTAL:	\$	596.55

TOTAL FOR ADDITIONAL WORK:

\$ 596.55 EA



REQUEST FOR CHANGE

Fort Bend County
FM 1093 Wespark Extension Phase II

10X8 JCT BOX	2.00 EA	@	1.00 EA/DAY	
ADDITIONAL WWW LABOR ITEMS:	CREW	HOURS	LABOR UNIT	LABOR COST
FOREMAN	1.00 EA	20.00 \$	42.00 /EA	\$ 840.00
CRANE OPERATOR	1.00 EA	20.00 \$	35.00 /EA	\$ 700.00
TRACKHOE OPERATOR	1.00 EA	20.00 \$	21.00 /EA	\$ 420.00
LOADER OPERATOR	1.00 EA	20.00 \$	18.00 /EA	\$ 360.00
ROLLER OPERATOR	1.00 EA	20.00 \$	16.00 /EA	\$ 320.00
PIPELAYER	2.00 EA	20.00 \$	17.00 /EA	\$ 680.00
LABORER	1.00 EA	20.00 \$	13.50 /EA	\$ 270.00
SUBTOTAL WWW LABOR:				\$ 3,590.00
BURDEN @ 55%:				\$ 1,974.50
25% OF LABOR				\$ 897.50
TOTAL WWW LABOR:				\$ 6,462.00

ADDITIONAL WWW MATERIAL ITEMS:	MATERIAL COST	MATERIAL UNIT	MATERIAL COST
13'X13' JUNCTION BOX	\$ 20,918.20 /EA	1.00 EA	\$ 20,918.20
13'X6' JUNCTION BOX	\$ 11,185.00 /EA	1.00 EA	\$ 11,185.00
SUBTOTAL WWW MATERIAL:			\$ 32,103.20
MATERIAL @ 25% MARK-UP:			\$ 8,025.80
TOTAL WWW MATERIAL:			\$ 40,129.00

ADDITIONAL WWW EQUIPMENT ITEMS:	EQUIPMENT COST	EQUIPMENT UNIT /HR	EQUIPMENT QTY	EQUIPMENT COST
1/2 TON PICKUP TRUCK	\$ 14.92 /HR	20.00	1.00	\$ 298.40
100 TON CRAWLER CRANE	\$ 183.00 /HR	20.00	1.00	\$ 3,660.00
KOMATSU 490 HYDRUALIC EXCAVATOR	\$ 214.57 /HR	20.00	1.00	\$ 4,291.40
KOMATSU 360 HYDRUALIC EXCAVATOR	\$ 139.68 /HR	20.00	1.00	\$ 2,793.60
KOMATSU 380 WHEEL LOADER	\$ 68.29 /HR	20.00	1.00	\$ 1,365.80
84" PADFOOT ROLLER	\$ 56.86 /HR	20.00	1.00	\$ 1,137.20
VIBRATORY PLATE COMPACTOR	\$ 4.55 /HR	20.00	1.00	\$ 91.00
JUMPING JACK	\$ 4.96 /HR	20.00	1.00	\$ 99.20
SUBTOTAL WWW EQUIPMENT:				\$ 13,736.60
EQUIPMENT @ 15% MARK-UP:				\$ 2,060.49
TOTAL WWW EQUIP:				\$ 15,797.09

ADDITIONAL SUBCONTRACTOR ITEMS:	QUANTITIES	UNIT PRICE	BID TOTALS
		\$ - /	\$ -
SUBTOTAL SUBS:			0.00
SUBS @ 5% MARK-UP:			0.00
TOTAL SUBCONTRACTOR ITEMS:			\$ -

TOTAL ADDITIONAL DAYS TO PERFORM WORK:

0

SUMMARY

SUBTOTAL ALL ITEMS:	\$ 62,388.09
1.0% BOND:	\$ 623.88
ADDITIONAL WORK TOTAL:	\$ 63,011.97

TOTAL FOR ADDITIONAL WORK:

\$ 63,011.97 LS

\$ 31,505.99 /EA



REQUEST FOR CHANGE

Fort Bend County
FM 1093 Wespark Extension Phase II

REMOVE & REPLACE 3X3 RCB		24.00 LF	@	24.00 LF/DAY	
ADDITIONAL WWW LABOR ITEMS:	CREW	HOURS		LABOR UNIT	LABOR COST
FOREMAN	1.00 EA	10.00	\$	42.00 /EA	\$ 420.00
TRACKHOE OPERATOR	2.00 EA	10.00	\$	21.00 /EA	\$ 420.00
LOADER OPERATOR	1.00 EA	10.00	\$	18.00 /EA	\$ 180.00
ROLLER OPERATOR	1.00 EA	10.00	\$	16.00 /EA	\$ 160.00
PIPELAYER	2.00 EA	10.00	\$	17.00 /EA	\$ 340.00
LABORER	1.00 EA	10.00	\$	13.50 /EA	\$ 135.00
SUBTOTAL WWW LABOR:					\$ 1,655.00
BURDEN @ 55%:					\$ 910.25
25% OF LABOR					\$ 413.75
TOTAL WWW LABOR:					\$ 2,979.00

ADDITIONAL WWW MATERIAL ITEMS:	MATERIAL COST	MATERIAL UNIT	MATERIAL COST
3X3 RCB	\$ 61.60 /LF	24.00 LF	\$ 1,478.40
	\$ - /		\$ -
SUBTOTAL WWW MATERIAL:			\$ 1,478.40
MATERIAL @ 25% MARK-UP:			\$ 369.60
TOTAL WWW MATERIAL:			\$ 1,848.00

ADDITIONAL WWW EQUIPMENT ITEMS:	EQUIPMENT COST	EQUIPMENT UNIT /HR	EQUIPMENT QTY	EQUIPMENT COST
1/2 TON PICKUP TRUCK	\$ 14.92 /HR	10.00	1.00	\$ 149.20
KOMATSU 490 HYDRUALIC EXCAVATOR	\$ 214.57 /HR	10.00	1.00	\$ 2,145.70
KOMATSU 380 WHEEL LOADER	\$ 68.29 /HR	10.00	1.00	\$ 682.90
84" PADFOOT ROLLER	\$ 67.29 /HR	10.00	1.00	\$ 672.90
VIBRATORY PLATE COMPACTOR	\$ 4.55 /HR	10.00	1.00	\$ 45.50
JUMPING JACK	\$ 4.96 /HR	10.00	1.00	\$ 49.60
SUBTOTAL WWW EQUIPMENT:				\$ 3,745.80
EQUIPMENT @ 15% MARK-UP:				\$ 561.87
TOTAL WWW EQUIP:				\$ 4,307.67

ADDITIONAL SUBCONTRACTOR ITEMS:	QUANTITIES	UNIT PRICE	BID TOTALS
HAUL OFF 3X3 RCB	24.00 LD	\$ 150.00 /LD	\$ 3,600.00
	-	\$ - /	\$ -
SUBTOTAL SUBS:			3,600.00
SUBS @ 5% MARK-UP:			180.00
TOTAL SUBCONTRACTOR ITEMS:			\$ 3,780.00

TOTAL ADDITIONAL DAYS TO PERFORM WORK:

SUMMARY

SUBTOTAL ALL ITEMS:	\$ 12,914.67
1.0% BOND:	\$ 129.15
ADDITIONAL WORK TOTAL:	\$ 13,043.82

TOTAL FOR ADDITIONAL WORK: \$ 543.49 /LF

REQUEST FOR CHANGE

Fort Bend County
FM 1093 Wespark Extension Phase II

HEADWALL - SW-O HW=9		1.00 EA			
ADDITIONAL WWW LABOR ITEMS:		CREW	HOURS	LABOR UNIT	LABOR COST
F/P/S HEADWALL:					
FOREMAN		1.00 EA	60.00 \$	42.00 /EA \$	2,520.00
TRACKHOE OPERATOR		1.00 EA	30.00 \$	21.00 /EA \$	630.00
DOZER OPERATOR		1.00 EA	30.00 \$	18.00 /EA \$	540.00
LOADER OPERATOR		1.00 EA	60.00 \$	18.00 /EA \$	1,080.00
CARPENTER		1.00 EA	60.00 \$	18.00 /EA \$	1,080.00
CONCRETE FINISHER		2.00 EA	60.00 \$	18.00 /EA \$	2,160.00
LABORER		2.00 EA	60.00 \$	13.50 /EA \$	1,620.00
				/	\$ -
				/	\$ -
SUBTOTAL WWW LABOR:					\$ 9,630.00
BURDEN @ 55%:					\$ 5,296.50
25% OF LABOR					\$ 2,407.50
TOTAL WWW LABOR:					\$ 17,334.00

ADDITIONAL WWW MATERIAL ITEMS:		MATERIAL COST	MATERIAL UNIT	MATERIAL COST
PURCHASE REBAR	\$	117.65 /CY	34.00 CY	\$ 4,000.10
CLASS C CONCRETE (20% YIELD FACTORED)	\$	105.00 /CY	34.00 CY	\$ 3,570.00
ENVIRONMENTAL FEE & FUEL SURCHARGE	\$	35.00 /LD	4.00 LD	\$ 140.00
8X4 CDX PLYWOOD	\$	29.23 /EA	50.00 EA	\$ 1,461.50
4X4 #2 SYP - 16'	\$	51.96 /EA	20.00 EA	\$ 1,039.20
2X4 #2 SYP - 16'	\$	25.98 /EA	96.00 EA	\$ 2,494.08
SUBTOTAL WWW MATERIAL:				\$ 12,704.88
MATERIAL @ 25% MARK-UP:				\$ 3,176.22
TOTAL WWW MATERIAL:				\$ 15,881.10

ADDITIONAL WWW EQUIPMENT ITEMS:		EQUIPMENT COST	EQUIPMENT UNIT /HR	EQUIPMENT QTY	EQUIPMENT COST
F/P/S HEADWALL:					
1/2 TON PICKUP TRUCK	\$	14.92 /HR	60.00	1.00	\$ 895.20
DEERE 650G DOZER	\$	53.44 /HR	30.00	1.00	\$ 1,603.20
KOMATSU PC360 EXCAVATOR	\$	139.68 /HR	30.00	1.00	\$ 4,190.40
KOMATSU 380 WHEEL LOADER	\$	68.29 /HR	60.00	1.00	\$ 4,097.40
84" PAD FOOT ROLLER	\$	67.29 /HR	30.00	1.00	\$ 2,018.70
SUBTOTAL WWW EQUIPMENT:					\$ 12,804.90
EQUIPMENT @ 15% MARK-UP:					\$ 1,920.74
TOTAL WWW EQUIP:					\$ 14,725.64

ADDITIONAL SUBCONTRACTOR ITEMS:		QUANTITIES	UNIT PRICE	BID TOTALS
MESA		34.00 LBS	\$ 0.152 /LBS	\$ 5.17
			/	\$ -
			/	\$ -
SUBTOTAL SUBS:				5.17
SUBS @ 5% MARK-UP:				0.26
TOTAL SUBCONTRACTOR ITEMS:				\$ 5.43

TOTAL ADDITIONAL DAYS TO PERFORM WORK:

SUMMARY

SUBTOTAL ALL ITEMS:	\$ 47,946.16
1.0% BOND:	\$ 479.46
ADDITIONAL WORK TOTAL:	\$ 48,425.62

TOTAL FOR ADDITIONAL WORK: \$ 48,425.62 EA \$ 48,425.62 /EA



REQUEST FOR CHANGE

Fort Bend County
FM 1093 Wespark Extension Phase II

5IN RIP RAP	30.00 CY				
ADDITIONAL WWW LABOR ITEMS:	CREW		HOURS	LABOR COST	LABOR COST
F/I/P/S - 5IN RIPRAP					
FOREMAN	1.00 EA		55.00 \$	42.00 /EA \$	2,310.00
CARPENTER	1.00 EA		55.00 \$	18.00 /EA \$	990.00
LOADER OPERATOR	1.00 EA		55.00 \$	18.00 /EA \$	990.00
DOZER OPERATOR	1.00 EA		12.00 \$	18.00 /EA \$	216.00
CONCRETE FINISHER	2.00 EA		55.00 \$	18.00 /EA \$	1,980.00
LABORER	2.00 EA		55.00 \$	13.50 /EA \$	1,485.00
SUBTOTAL WWW LABOR:					\$ 7,971.00
BURDEN @ 55%:					\$ 4,384.05
25% OF LABOR					\$ 1,992.75
TOTAL WEBBER LABOR:					\$ 14,347.80

ADDITIONAL WWW MATERIAL ITEMS:	MATERIAL COST	MATERIAL QTY	MATERIAL COST
PURCHASE REBAR	\$ 7.56 /SY	180.00 SY	\$ 1,360.80
CLASS A CONCRETE (20% YIELD FACTORED)	\$ 105.00 /CY	36.00 CY	\$ 3,780.00
ENVIRONMENTAL FEE & FUEL SURCHARGE	\$ 35.00 /LD	4.00 LD	\$ 140.00
2X4 #2 SYP - 16'	\$ 25.98 /EA	16.00 EA	\$ 415.68
			\$ -
SUBTOTAL WWW MATERIAL:			\$ 5,696.48
MATERIAL @ 25% MARK-UP:			\$ 1,424.12
TOTAL WEBBER MATERIAL:			\$ 7,120.60

ADDITIONAL WWW EQUIPMENT ITEMS:	EQUIPMENT COST	EQUIPMENT UNIT /HR	EQUIPMENT QTY	EQUIPMENT COST
CATERPILLAR 950K LOADER	\$ 79.81 /HR	55.00	1.00	\$ 4,389.55
DEERE 450 DOZER	\$ 51.91 /HR	12.00	1.00	\$ 622.92
1/2 TON PICKUP TRUCK	\$ 14.92 /HR	55.00	1.00	\$ 820.60
SUBTOTAL WWW EQUIPMENT:				\$ 5,833.07
EQUIPMENT @ 15% MARK-UP:				\$ 874.96
TOTAL WEBBER EQUIP:				\$ 6,708.03

ADDITIONAL SUBCONTRACTOR ITEMS:	QUANTITIES	UNIT PRICE	BID TOTALS
MESA	3,240.00 LBS	\$ 0.048 /LBS	\$ 155.52
			\$ -
SUBTOTAL SUBS:			155.52
SUBS @ 5% MARK-UP:			7.78
TOTAL SUBCONTRACTOR ITEMS:			\$ 163.30

TOTAL ADDITIONAL DAYS TO PERFORM WORK:

0

SUMMARY

SUBTOTAL ALL ITEMS:	\$ 28,339.73
1.0% BOND:	\$ 283.40
ADDITIONAL WORK TOTAL:	\$ 28,623.12

Unit Price for 5" CONC RIP RAP

\$ 954.10 /CY



REQUEST FOR CHANGE

Fort Bend County
FM 1093 Wespark Extension Phase II

24IN STONE RIP RAP		247.00 CY			
ADDITIONAL WWW LABOR ITEMS:		CREW	HOURS	LABOR COST	LABOR COST
24IN STONE RIP RAP					
Foreman	1.00 EA	30.00 \$	42.00 /EA	\$	1,260.00
Excavator Operator	1.00 EA	30.00 \$	21.00 /EA	\$	630.00
Dozer Operator	1.00 EA	30.00 \$	18.00 /EA	\$	540.00
Laborer	1.00 EA	30.00 \$	13.50 /EA	\$	405.00
			/	\$	-
SUBTOTAL WWW LABOR:				\$	2,835.00
BURDEN @ 55%:				\$	1,559.25
25% OF LABOR				\$	708.75
TOTAL WEBBER LABOR:				\$	5,103.00

ADDITIONAL WWW MATERIAL ITEMS:		MATERIAL COST	MATERIAL QTY	MATERIAL COST
24" Stone Rip Rap (20% YEILD FACTORED)	\$	68.77 /CY	247.00 CY	\$ 16,986.19
				\$ -
				\$ -
				\$ -
SUBTOTAL WWW MATERIAL:				\$ 16,986.19
MATERIAL @ 25% MARK-UP:				\$ 4,246.55
TOTAL WEBBER MATERIAL:				\$ 21,232.74

ADDITIONAL WWW EQUIPMENT ITEMS:		EQUIPMENT COST	EQUIPMENT UNIT /HR	EQUIPMENT QTY	EQUIPMENT COST
KOMATSU PC360 EXCAVATOR	\$	139.68 /HR	30.00	1.00	\$ 4,190.40
DEERE 650G DOZER	\$	53.44 /HR	30.00	1.00	\$ 1,603.20
FOREMAN TRUCK	\$	14.92 /HR	30.00	1.00	\$ 447.60
		/HR			\$ -
SUBTOTAL WWW EQUIPMENT:				\$	6,241.20
EQUIPMENT @ 15% MARK-UP:				\$	936.18
TOTAL WEBBER EQUIP:				\$	7,177.38

ADDITIONAL SUBCONTRACTOR ITEMS:		QUANTITIES	UNIT PRICE	BID TOTALS
				\$ -
				\$ -
SUBTOTAL SUBS:				0.00
SUBS @ 5% MARK-UP:				0.00
TOTAL SUBCONTRACTOR ITEMS:				\$ -

TOTAL ADDITIONAL DAYS TO PERFORM WORK:

0

SUMMARY

SUBTOTAL ALL ITEMS:	\$ 33,513.12
1.0% BOND:	\$ 335.13
ADDITIONAL WORK TOTAL:	\$ 33,848.25

Unit Price for 24" STONE RIP RAP at Sprint Pond

\$ 137.04 /CY



REQUEST FOR CHANGE

Fort Bend County
FM 1093 Wespark Extension Phase II

TRENCH PROTECTION - CROSSING	100.00 LF			
ADDITIONAL WWW LABOR ITEMS:	CREW	HOURS	LABOR COST	LABOR COST
Trench Protection - Crossing			/ \$	-
			/ \$	-
SUBTOTAL WWW LABOR:				\$ -
BURDEN @ 55%:				\$ -
25% OF LABOR				\$ -
TOTAL WEBBER LABOR:				\$ -

ADDITIONAL WWW MATERIAL ITEMS:	MATERIAL COST	MATERIAL QTY	MATERIAL COST
			\$ -
			\$ -
SUBTOTAL WWW MATERIAL:			\$ -
MATERIAL @ 25% MARK-UP:			\$ -
TOTAL WEBBER MATERIAL:			\$ -

ADDITIONAL WWW EQUIPMENT ITEMS:	EQUIPMENT COST	EQUIPMENT UNIT	EQUIPMENT QTY	EQUIPMENT COST
Trench Box (20x8 - 2EA)	\$ 520.00 /DAY	10.00	2.00	\$ 10,400.00
	/HR			\$ -
SUBTOTAL WWW EQUIPMENT:				\$ 10,400.00
EQUIPMENT @ 15% MARK-UP:				\$ 1,560.00
TOTAL WEBBER EQUIP:				\$ 11,960.00

ADDITIONAL SUBCONTRACTOR ITEMS:	QUANTITIES	UNIT PRICE	BID TOTALS
			\$ -
			\$ -
SUBTOTAL SUBS:			0.00
SUBS @ 5% MARK-UP:			0.00
TOTAL SUBCONTRACTOR ITEMS:			\$ -

TOTAL ADDITIONAL DAYS TO PERFORM WORK: 0

SUMMARY

SUBTOTAL ALL ITEMS:	\$ 11,960.00
1.0% BOND:	\$ 119.60
ADDITIONAL WORK TOTAL:	\$ 12,079.60

Unit Price for Trench Protection Crossing \$ 120.80 /LF



REQUEST FOR CHANGE

Fort Bend County
FM 1093 Wespark Extension Phase II

CUT & RESTORE W/ STAB SAND/FST TRK			200.00 SY							
ADDITIONAL WWW LABOR ITEMS:			CREW		HOURS		LABOR UNIT		LABOR COST	
<u>TRAFFIC CONTROL</u>										
FOREMAN			1.00	EA	6.00	\$	42.00	/EA	\$	252.00
LABORER			2.00	EA	6.00	\$	13.50	/EA	\$	162.00
				EA						
<u>DEMO PAVEMENT</u>										
FOREMAN			1.00	EA	10.00	\$	42.00	/EA	\$	420.00
TRACKHOE OPERATOR			2.00	EA	10.00	\$	21.00	/EA	\$	420.00
LABORER			2.00	EA	10.00	\$	13.50	/EA	\$	270.00
<u>BACKFILL STABILIZE SAND</u>										
FOREMAN			1.00	EA	8.00	\$	42.00	/EA	\$	336.00
TRACKHOE OPERATOR			1.00	EA	8.00	\$	21.00	/EA	\$	168.00
LOADER OPERATOR			1.00	EA	8.00	\$	18.00	/EA	\$	144.00
LABORER			2.00	EA	8.00	\$	13.50	/EA	\$	216.00
<u>FAST TRACK PAVING</u>										
FOREMAN			1.00	EA	35.00	\$	42.00	/EA	\$	1,470.00
LOADER OPERATOR			1.00	EA	35.00	\$	18.00	/EA	\$	630.00
CARPENTER			3.00	EA	35.00	\$	18.00	/EA	\$	1,890.00
FINISHER			2.00	EA	35.00	\$	18.00	/EA	\$	1,260.00
LABORER			2.00	EA	35.00	\$	13.50	/EA	\$	945.00
SUBTOTAL WWW LABOR:									\$	8,583.00
BURDEN @ 55%:									\$	4,720.65
25% OF LABOR									\$	2,145.75
TOTAL WWW LABOR:									\$	15,449.40

ADDITIONAL WWW MATERIAL ITEMS:	MATERIAL COST	MATERIAL UNIT	MATERIAL COST
CLASS P (HES) (10% YIELD FACTORED)	\$ 120.00 /EA	74.00 EA	\$ 8,880.00
ENVIRONMENTAL & FUEL SURCHARGE	\$ 35.00 /LD	8.00 LD	\$ 280.00
MULTI PIECE DOWEL BARS	\$ 4.00 /EA	30.00 EA	\$ 120.00
EPOXY	\$ 16.95 /EA	36.00 EA	\$ 610.20
REBAR	\$ 13.44 /SY	200.00 SY	\$ 2,688.00
REBAR CHARIS	\$ 0.12 /EA	200.00 EA	\$ 24.00
CONCRETE SAW BLADE	\$ 250.00 /EA	1.00 EA	\$ 250.00
			\$ -
SUBTOTAL WWW MATERIAL:			\$ 12,852.20
MATERIAL @ 25% MARK-UP:			\$ 3,213.05
TOTAL WWW MATERIAL:			\$ 16,065.25

ADDITIONAL WWW EQUIPMENT ITEMS:	EQUIPMENT COST	EQUIPMENT UNIT /HR	EQUIPMENT QTY	EQUIPMENT COST
1/2 TON PICKUP TRUCK	\$ 14.92 /HR	59.00	1.00	\$ 880.28
KOMATSU 490 HYDRUALIC EXCAVATOR	\$ 214.57 /HR	10.00	1.00	\$ 2,145.70
KOMATSU PC360 TRACKHOE	\$ 139.68 /HR	18.00	1.00	\$ 2,514.24
KOMATSU 380 LOADER	\$ 69.29 /HR	43.00	1.00	\$ 2,936.47
84IN SMOOTH DRUM ROLLER	\$ 56.86 /HR	8.00	1.00	\$ 454.88
18FT ROLLER SCREED	\$ 50.00 /HR	16.00	1.00	\$ 800.00
WALK BEHIND SAW	\$ 50.00 /HR	2.00	1.00	\$ 100.00
				\$ -
SUBTOTAL WWW EQUIPMENT:				\$ 9,831.57
EQUIPMENT @ 15% MARK-UP:				\$ 1,474.74
TOTAL WWW EQUIP:				\$ 11,306.31

ADDITIONAL SUBCONTRACTOR ITEMS:	QUANTITIES		UNIT PRICE		BID TOTALS
MESA - FAST TRACK	6,400.00	LBS	\$ 0.08	/LBS	\$ 499.20
MESA - MULTI PIECE	30.00	EA	\$ 1.45	/EA	\$ 43.50
HAUL OFF CONCRETE	15.00	LD	\$ 150.00	/LD	\$ 2,250.00
SUBTOTAL SUBS:					2,792.70
SUBS @ 5% MARK-UP:					139.64
TOTAL SUBCONTRACTOR ITEMS:					\$ 2,932.34

TOTAL ADDITIONAL DAYS TO PERFORM WORK:

0

SUMMARY

SUBTOTAL ALL ITEMS:	\$ 45,753.29
1.0% BOND:	\$ 457.53
ADDITIONAL WORK TOTAL:	\$ 46,210.82

TOTAL FOR ADDITIONAL WORK:

\$ 46,210.82 LS

\$ 231.05 /SY



Forterra Pipe & Precast

Confirming Quote

REVISION No.1

Date	July 18, 2018	Bid Date	04/26/2018
Quote No.	18042517150813	Plan Date	
Project	FT. BEND CO. PURCHASING, 17/087, FM 1093 WESTPARK EXTENSION PH II CSJ -543-02-063 [CHANGE ORDER] HOUSTON, TX Fort Bend County	Engineer	Dannenbaum Engineering/Halff
Contractor	WEBBER, LLC.		

We are pleased to quote the following on the above project. Prices are committed on this project only and are subject to change after 15 days from bid date.

Reinforced Concrete Box

Description	Quantity	Unit Price	Ext Price
Item: 1 10' x 8' Precast Box Culvert per ASTM C1577 Standards. Supplied in 6', approx. 15.56 tons/section. [PRICE INCLUDES 1 EA 25° RCB BEND & 3 EA 30° RCB BENDS] [2 - 30° BENDS IN LIEU OF 1 - 60° BEND]	2,936 LF	\$465.00	\$1,365,240.00
Reinforced Concrete Box Quote Total			\$1,365,240.00

Storm Structures

Description	Quantity	Unit Price	Ext Price
Item: 1 13'x13' JUNCTION BOX [B4_D] [ALL DEPTHS] FOR 10'x8' RCB 0-90° TURN W/ TRANSITION TO 3'x3' TY A MANH TOP W/ LOOSE 32" V-1419 RING & RIBBED COVER HEAVIEST PIECE: 25.0 TONS	1 EA	\$20,918.20	\$20,918.20
Item: 2 13'x6' JUNCTION BOX [B4_H] [ALL DEPTHS] FOR 10'x8' RCB 0-180° & CONNECTION EXISTING 3'x3' RCB W/ TRANSITION TO 3'x3' TY A MANH TOP W/ LOOSE 32" V-1419 RING & RIBBED COVER HEAVIEST PIECE: 15.5 TONS	1 EA	\$11,185.00	\$11,185.00
Storm Quote Total			\$32,103.20

Notes

EXCLUDES COATINGS, LINERS, INFLOW PROTECTORS, AND STEPS. EXCLUDES JOINT WRAP - UNLESS OTHERWISE NOTIFIED.

All quotes-All custom product is non refundable and subject to invoice and a storage fee 60 days after manufacture. Custom product attempted to be returned is subject to additional disposal and freight fees. All returned stock items are subject to a 35% restocking charge in addition to any incurred return freight. Minimum charge \$200

All quotes are based upon full truckload quantities; deliveries less than full truckload quantities are subject to additional freight charges.

All orders include initial requisite engineering and drafting support based upon details provided by the customer. Any changes to the project after initial submittals, are subject to additional engineering charges.

All quotes are based upon standard market production availability. Expedited orders will be subject to additional rush order charges.

Quote Total \$1,397,343.20

Subject to State, County & Local Taxes.

F.O.B.: Jobsite.

Above prices based on truckload quantities.

R.W. Honea

Office: (346) 814-8718

Cell: (346) 814-8718

FORTERRA PIPE AND PRECAST LLC

Accepted by Buyer

By: _____

By: _____

Title: _____

Date: _____

HOUSTON
9002 WAYFARER LN
Ph: 713-991-9800
Fax: 713-991-9899



Date Issued: 7/19/2018

Webber
14333 Chrisman Road
Houston, TX 77039
832-850-2745

Project Name
Project Address
Project City, State Zip
Projected Start Date: 7/18/2018

Contact Name Stewart Givens
Ph: 346-224-1206
Fax:
Email: sgivens@wwebber.com

Subtotal	520.00	1,560.00	4,680.00
-----------------	--------	----------	----------

- No rental purchase options are granted.
- Quote is valid 15 days from the date of issue.
- Unless otherwise stated this quote does not contain sales and or other local taxes. Sales tax shall be determined at the time of sale in accordance with applicable laws and regulations.
- Special ordered items, custom designed items, custom fabricated items and rush items not normally stocked by NTS may not be cancelled and or returned. All sales will be final upon acceptance of this quote.

Pick-up	300.00
Delivery	300.00
Engineering	
Other	

Quote Provided By
Sales/Manager Name, Eric Allen
Email: ericallen@ntsafety.com
Cell: 936-203-3733

My signature below acknowledges acceptance of this quotation as well as the associated terms and that I am authorized to sign this agreement on behalf of my company.

Signature	Printed Name	Title	Date	Purchase Order
-----------	--------------	-------	------	----------------

Rental Rate Blue Book®

May 9, 2018

Link-Belt 218 HLS

Crawler Mounted Lattice Boom Cranes



Size Class:

81.0 - 107.9 MTons

Weight:

192,735 lbs.

Configuration for 218 HLS

Net Horsepower	N/A	Power Mode	Diesel
Maximum Lift Capacity	99.8 mt	Boom Base Length	40 ft

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$22,185.00	\$6,210.00	\$1,555.00	\$235.00	\$65.75	\$191.80
Adjustments						
Region (Houston, Texas: 93.3%)	(\$1,486.39)	(\$416.07)	(\$104.18)	(\$15.74)		
Model Year (2016: 99.7%)	(\$62.10)	(\$17.38)	(\$4.35)	(\$0.66)		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	\$20,636.51	\$5,776.55	\$1,446.47	\$218.60	\$65.75	\$183.00

Non-Active Use Rates

Hourly

Standby Rate	\$55.11
Idling Rate	\$117.25

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	30%	\$6,655.50/mo
Overhaul (ownership)	53%	\$11,758.05/mo
CFC (ownership)	6%	\$1,331.10/mo
Indirect (ownership)	11%	\$2,440.35/mo

Fuel cost data is not available for these rates.

Revised Date: 1st Half 2018

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for JAYME BEAN (jayme.bean@webber.com)

Rental Rate Blue Book®

March 15, 2018

Bomag BW211D-40

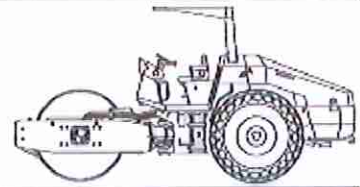
Single Drum Vibratory Compactors

Size Class:

8.0 - 11.9 MTons

Weight:

22,930 lbs.


Configuration for BW211D-40

Drum Type	Smooth	Drum Width	84 In
Power Mode	Diesel	Net Horsepower	133 hp

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$4,785.00	\$1,340.00	\$335.00	\$50.00	\$31.90	\$59.09
Adjustments						
Region (Houston, Texas: 91.9%)	(\$387.58)	(\$108.54)	(\$27.13)	(\$4.05)		
Model Year (2017: 99.9%)	(\$4.40)	(\$1.23)	(\$0.31)	(\$0.05)		
Ownership (100%)	-	-	-	-		
Operating (100%)	-	-	-	-		
Total:	\$4,393.02	\$1,230.23	\$307.56	\$45.90	\$31.90	\$56.86

Non-Active Use Rates

	Hourly
Standby Rate	\$17.72
Idling Rate	\$33.85

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	50%	\$2,392.50/mo
Overhaul (ownership)	29%	\$1,387.65/mo
CFC (ownership)	9%	\$430.65/mo
Indirect (ownership)	12%	\$574.20/mo
Fuel (operating) @ 2.57	28%	\$8.89/hr

Revised Date: 1st Half 2018

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for JAYME BEAN (jayme.bean@webber.com)

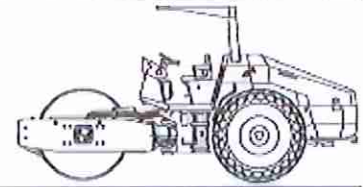
Rental Rate Blue Book®

March 15, 2018

Bomag BW213PDH-40

Single Drum Vibratory Compactors

Size Class:
12.0 - 14.9 MTons
Weight:
27,975 lbs.


Configuration for BW213PDH-40

Drum Type	Padfoot	Drum Width	84 In
Power Mode	Diesel	Net Horsepower	160 hp

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$5,625.00	\$1,575.00	\$395.00	\$59.00	\$37.95	\$69.91
Adjustments						
Region (Houston, Texas: 91.9%)	(\$455.62)	(\$127.57)	(\$31.99)	(\$4.78)		
Model Year (2017: 99.9%)	(\$5.17)	(\$1.45)	(\$0.36)	(\$0.05)		
Ownership (100%)	-	-	-	-		
Operating (100%)					-	
Total:	\$5,164.21	\$1,445.98	\$362.65	\$54.17	\$37.95	\$67.29

Non-Active Use Rates

Hourly

Standby Rate	\$20.83
Idling Rate	\$40.03

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	50%	\$2,812.50/mo
Overhaul (ownership)	29%	\$1,631.25/mo
CFC (ownership)	9%	\$506.25/mo
Indirect (ownership)	12%	\$675.00/mo
Fuel (operating) @ 2.57	28%	\$10.69/hr

Revised Date: 1st Half 2018

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for JAYME BEAN (jayme.bean@webber.com)

Rental Rate Blue Book®

March 1, 2018

Deere 450J LGP (disc. 2016)

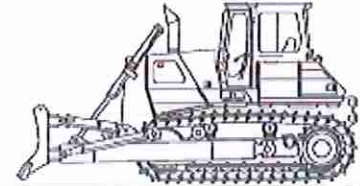
Lgp Crawler Dozers

Size Class:

75 - 84 HP

Weight:

17,525 lbs.


Configuration for 450J LGP (disc. 2016)

Dozer Type	PAT	Power Mode	Diesel
Net Horsepower	77 hp	Operator Protection	ROPS

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$4,830.00	\$1,350.00	\$340.00	\$51.00	\$26.80	\$54.24
Adjustments						
Region (Houston, Texas: 91.5%)	(\$410.55)	(\$114.75)	(\$28.90)	(\$4.33)		
Model Year (2016: 100%)	-	-	-	-		
Ownership (100%)	-	-	-	-		
Operating (100%)	-	-	-	-		
Total:	\$4,419.45	\$1,235.25	\$311.10	\$46.67	\$26.80	\$51.91

Non-Active Use Rates

Hourly

Standby Rate	\$10.80
Idling Rate	\$33.42

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	29%	\$1,400.70/mo
Overhaul (ownership)	57%	\$2,753.10/mo
CFC (ownership)	6%	\$289.80/mo
Indirect (ownership)	8%	\$386.40/mo
Fuel (operating) @ 2.57	31%	\$8.31/hr

Revised Date: 1st Half 2018

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

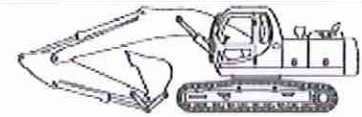
The equipment represented in this report has been exclusively prepared for JAYME BEAN (jayne.bean@webber.com)

Rental Rate Blue Book®

November 15, 2017

Komatsu PC360LC-10

Crawler Mounted Hydraulic Excavators



Size Class:

33.1 - 40.0 MTons

Weight:

79,093 lbs.

Configuration for PC360LC-10

Operating Weight	39.64 t	Power Mode	Diesel
Net Horsepower	257 hp	Operating Weight	39.03 mt
Bucket Capacity - Heaped	1.2 cu yd	Bucket Capacity - Heaped	1 cu yd

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$13,400.00	\$3,750.00	\$940.00	\$140.00	\$69.10	\$145.24
Adjustments						
Region (Houston, Texas: 92.7%)	(\$978.20)	(\$273.75)	(\$68.62)	(\$10.22)		
Model Year (2017: 100%)	-	-	-	-		
Ownership (100%)	-	-	-	-		
Operating (100%)						
Total:	\$12,421.80	\$3,476.25	\$871.38	\$129.78	\$69.10	\$139.68

Non-Active Use Rates

	Hourly
Standby Rate	\$35.99
Idling Rate	\$97.89

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	36%	\$4,824.00/mo
Overhaul (ownership)	49%	\$6,566.00/mo
CFC (ownership)	7%	\$938.00/mo
Indirect (ownership)	8%	\$1,072.00/mo
Fuel (operating) @ 2.53	40%	\$27.31/hr

Revised Date: 2nd Half 2017

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

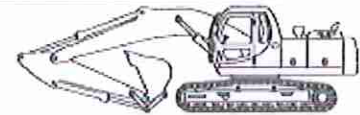
The equipment represented in this report has been exclusively prepared for JAYME BEAN (jayme.bean@webber.com)

Rental Rate Blue Book®

March 15, 2018

Komatsu PC490LC-10

Crawler Mounted Hydraulic Excavators



Size Class:

40.1 - 50.0 MTons

Weight:

106,880 lbs.
Configuration for PC490LC-10

Bucket Capacity - Heaped	1.5 cu yd	Net Horsepower	359 hp
Power Mode	Diesel	Operating Weight	52.35 mt

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$22,050.00	\$6,175.00	\$1,545.00	\$230.00	\$98.90	\$224.18
Adjustments						
Region (Houston, Texas: 92.7%)	(\$1,609.65)	(\$450.78)	(\$112.79)	(\$16.79)		
Model Year (2016: 99.6%)	(\$81.76)	(\$22.90)	(\$5.73)	(\$0.85)		
Ownership (100%)	-	-	-	-		
Operating (100%)					-	
Total:	\$20,358.59	\$5,701.32	\$1,426.48	\$212.36	\$98.90	\$214.57

Non-Active Use Rates

	Hourly
Standby Rate	\$57.84
Idling Rate	\$154.42

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	37%	\$8,158.50/mo
Overhaul (ownership)	50%	\$11,025.00/mo
CFC (ownership)	6%	\$1,323.00/mo
Indirect (ownership)	7%	\$1,543.50/mo
Fuel (operating) @ 2.57	39%	\$38.75/hr

Revised Date: 1st Half 2018

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for JAYME BEAN (jayme.bean@webber.com)

Rental Rate Blue Book®

April 18, 2018

Deere 650G LGP (disc. 1999)

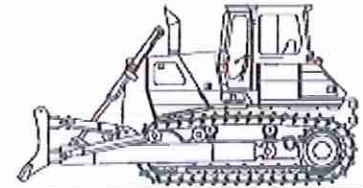
Lgp Crawler Dozers

Size Class:

85 - 104 HP

Weight:

19,322 lbs.


Configuration for 650G LGP (disc. 1999)

Dozer Type	Power Angle Tilt	Power Mode	Diesel
Net Horsepower	90 hp	Operator Protection	ROPS

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$4,585.00	\$1,285.00	\$320.00	\$48.00	\$29.60	\$55.65
Adjustments						
Region (Houston, Texas: 91.5%)	(\$389.72)	(\$109.22)	(\$27.20)	(\$4.08)		
Model Year (1999: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	\$4,195.28	\$1,175.78	\$292.80	\$43.92	\$29.60	\$53.44

Non-Active Use Rates

Hourly

Standby Rate	\$10.25
Idling Rate	\$33.55

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	29%	\$1,329.65/mo
Overhaul (ownership)	57%	\$2,613.45/mo
CFC (ownership)	6%	\$275.10/mo
Indirect (ownership)	8%	\$366.80/mo
Fuel (operating) @ 2.57	33%	\$9.71/hr

Revised Date: 1st Half 2018

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for JAYME BEAN (jayne.bean@wwebber.com)

Rental Rate Blue Book®

January 9, 2018

Komatsu WA380-7

4-Wd Articulated Wheel Loaders

Size Class:

175 - 199 HP

Weight:

39,840 lbs.


Configuration for WA380-7

Bucket Capacity - Heaped
Power Mode

4.3 cu yd
Diesel

Operator Protection
Net Horsepower

ROPS/FOPS
191 hp

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$6,640.00	\$1,860.00	\$465.00	\$70.00	\$34.05	\$71.78
Adjustments						
Region (Houston, Texas: 91.5%)	(\$564.40)	(\$158.10)	(\$39.52)	(\$5.95)		
Model Year (2016: 99.2%)	(\$48.60)	(\$13.62)	(\$3.40)	(\$0.51)		
Ownership (100%)	-	-	-	-		
Operating (100%)					-	
Total:	\$6,027.00	\$1,688.28	\$422.08	\$63.54	\$34.05	\$68.29

Non-Active Use Rates

Hourly

Standby Rate

\$20.55

Idling Rate

\$50.05

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	41%	\$2,722.40/mo
Overhaul (ownership)	40%	\$2,656.00/mo
CFC (ownership)	8%	\$531.20/mo
Indirect (ownership)	11%	\$730.40/mo
Fuel (operating) @ 2.57	46%	\$15.81/hr

Revised Date: 1st Half 2018

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for JAYME BEAN (jayme.bean@wwebber.com)

Rental Rate Blue Book®

November 29, 2017

Caterpillar 950K
4-Wd Articulated Wheel Loaders

Size Class:
200 - 224 HP
Weight:
42,068 lbs.

Configuration for 950K

Operator Protection
Net Horsepower
ROPS/FOPS
211 hp
Power Mode
Diesel

Blue Book Rates

** FIHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FIHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$7,955.00	\$2,225.00	\$555.00	\$83.00	\$38.45	\$83.65
Adjustments						
Region (Houston, Texas: 91.5%)	(\$676.17)	(\$189.12)	(\$47.17)	(\$7.05)		
Model Year (2017: 100%)	-	-	-	-		
Ownership (100%)	-	-	-	-		
Operating (100%)					-	
Total:	\$7,278.83	\$2,035.88	\$507.83	\$75.95	\$38.45	\$79.81

Non-Active Use Rates

Hourly

Standby Rate	\$25.23
Idling Rate	\$58.55

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	41%	\$3,261.55/mo
Overhaul (ownership)	39%	\$3,102.45/mo
CFC (ownership)	8%	\$636.40/mo
Indirect (ownership)	12%	\$954.60/mo
Fuel (operating) @ 2.53	45%	\$17.19/hr

Revised Date: 2nd Half 2017

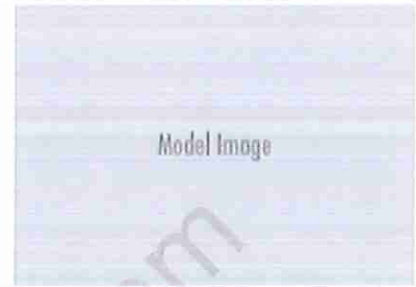
These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for JAYME BEAN (jayme.bean@wwebber.com)

Rental Rate Blue Book®

October 17, 2017

Miscellaneous 4X4 1/2 191 CREW GAS
On-Highway Light Duty Trucks

Size Class:
100 - 199 HP
Weight:
4,800 lbs.

Configuration for 4X4 1/2 191 CREW GAS

Cab Type	Crew	Axle Configuration	4X4
Ton Rating	1/2	Power Mode	Gasoline
Horsepower	191		

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$730.00	\$205.00	\$51.00	\$8.00	\$11.05	\$15.20
Adjustments						
Region (Houston, Texas: 93.2%)	(\$49.64)	(\$13.94)	(\$3.47)	(\$0.54)		
Model Year (2017: 100%)	-	-	-	-		
Ownership (100%)	-	-	-	-		
Operating (100%)					-	
Total:	\$680.36	\$191.06	\$47.53	\$7.46	\$11.05	\$14.92

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	56%	\$408.80/mo
Overhaul (ownership)	29%	\$211.70/mo
CFC (ownership)	5%	\$36.50/mo
Indirect (ownership)	10%	\$73.00/mo
Fuel (operating) @ 2.27	75%	\$8.24/hr

Revised Date: 2nd Half 2017

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for JAYME BEAN (jayme.bean@wwebber.com)

Rental Rate Blue Book®

December 6, 2017

Miscellaneous 21"/5,200#
Hand Held Vibratory Plate Compactors

Size Class:
96 - 250 Kg
Weight:
N/A

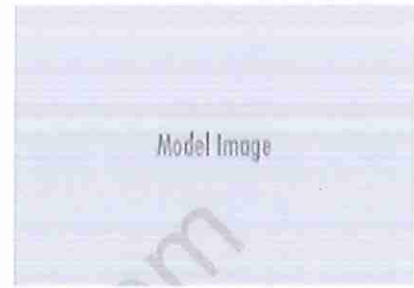

Configuration for 21"/5,200#

Plate Width	21 in	Pounds per Blow	4000 - 5500
Power Mode	Gasoline	Horsepower	6

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$355.00	\$99.00	\$25.00	\$4.00	\$2.70	\$4.72
Adjustments						
Region (Houston, Texas: 91.9%)	(\$28.75)	(\$8.02)	(\$2.02)	(\$0.32)		
Model Year (2017: 100%)	-	-	-	-		
Ownership (100%)	-	-	-	-		
Operating (100%)					-	
Total:	\$326.25	\$90.98	\$22.98	\$3.68	\$2.70	\$4.55

Non-Active Use Rates

	Hourly
Standby Rate	\$1.33
Idling Rate	\$3.08

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	60%	\$213.00/mo
Overhaul (ownership)	28%	\$99.40/mo
CFC (ownership)	4%	\$14.20/mo
Indirect (ownership)	8%	\$28.40/mo
Fuel (operating) @ 2.27	46%	\$1.23/hr

Revised Date: 2nd Half 2017

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for JAYME BEAN (jayme.bean@wwebber.com)

Rental Rate Blue Book®

May 1, 2018

Miscellaneous STD. RAMMER

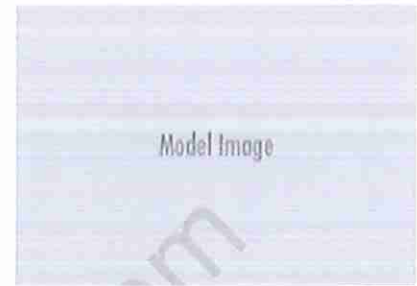
Hand Held Rammers

Size Class:

All

Weight:

N/A


Configuration for STD. RAMMER

Shoe Size	4" - 13"	Power Mode	Gasoline
Horsepower	4		

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	\$500.00	\$140.00	\$35.00	\$5.00	\$2.35	\$5.19
Adjustments						
Region (Houston, Texas: 91.9%)	(\$40.50)	(\$11.34)	(\$2.83)	(\$0.40)		
Model Year (2017: 99.9%)	(\$0.46)	(\$0.13)	(\$0.03)	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	\$459.04	\$128.53	\$32.14	\$4.60	\$2.35	\$4.96

Non-Active Use Rates

	Hourly
Standby Rate	\$1.85
Idling Rate	\$3.46

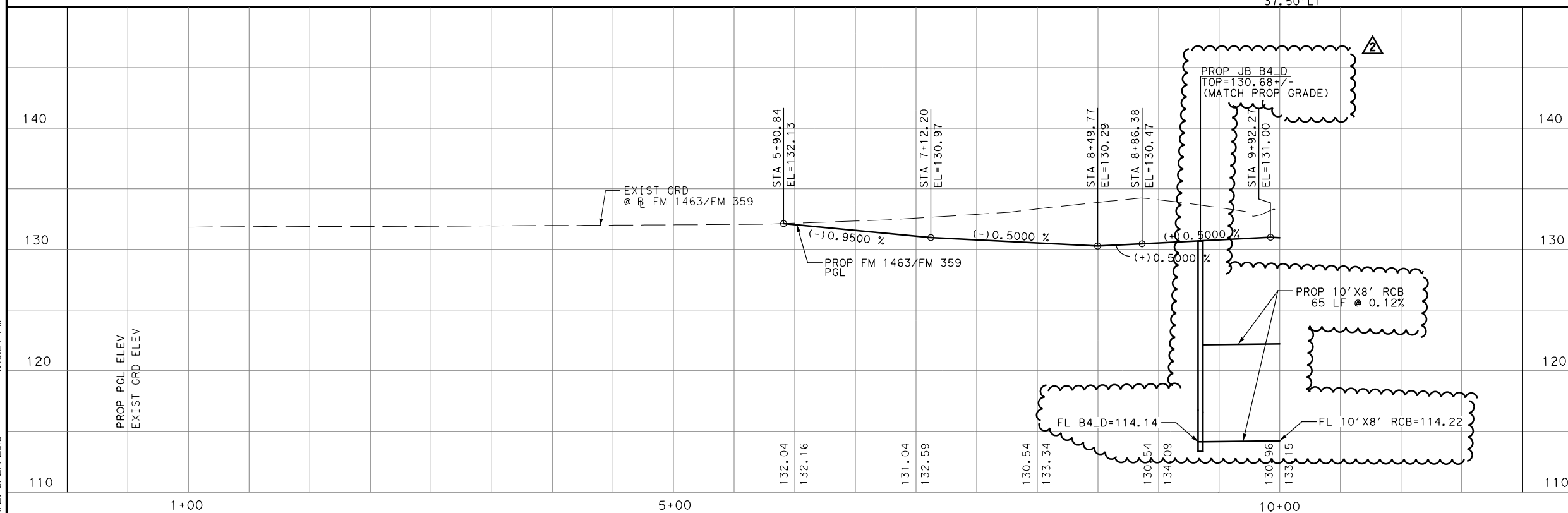
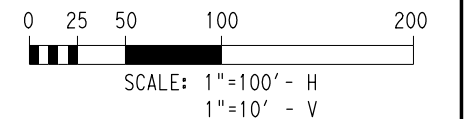
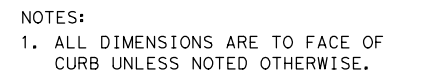
Rate Element Allocation



Element	Percentage	Value
Depreciation (ownership)	56%	\$280.00/mo
Overhaul (ownership)	29%	\$145.00/mo
CFC (ownership)	3%	\$15.00/mo
Indirect (ownership)	12%	\$60.00/mo
Fuel (operating) @ 2.35	36%	\$0.85/hr

Revised Date: 1st Half 2018

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

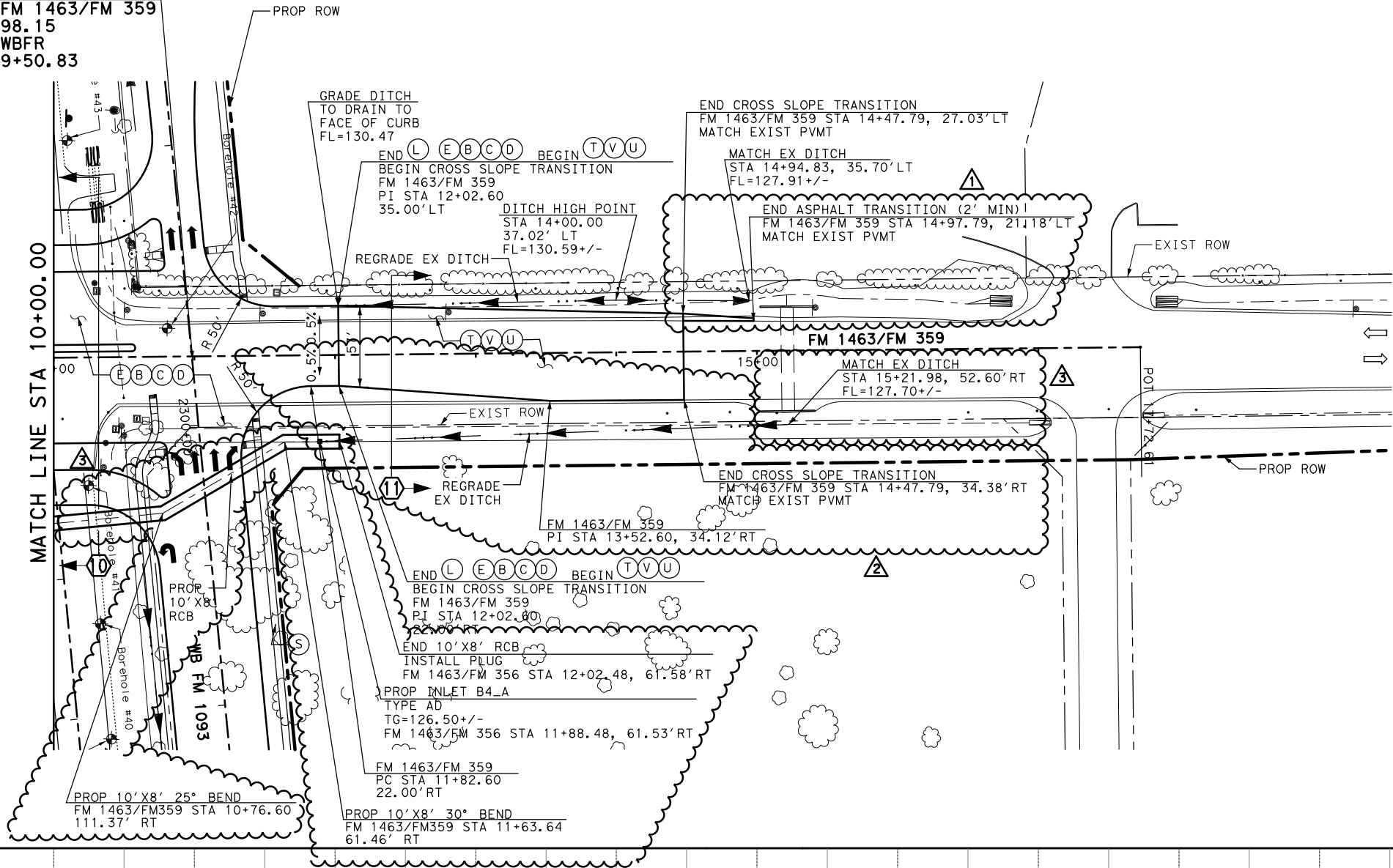
The equipment represented in this report has been exclusively prepared for JAYME BEAN (jayne.bean@webber.com)



REV	DATE	BY	DESCRIPTION		
1	2/28/18	MPB	REVISED ASPHALT TRANSITION LIMIT		
2	6/18/18	MPB	REVISED DRAINAGE LAYOUT		
			<p>THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MICHAEL P. BARBIER P.E., 107133, ON JUNE 20, 2018. ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT. THE RECORD COPY OF THIS DRAWING IS ON FILE AT THE OFFICES OF HALFF ASSOCIATES, INC.</p> <p style="text-align: right;">6-20-2018</p> 		
			  <p style="text-align: center;"><i>Texas Department of Transportation</i></p>		
					
<p> <small> TBPE FIRM # F-312 14800 STATE LINE, SUITE 160 HOUSTON, TEXAS 77079-2943 TEL (713) 588-2450 FAX (281) 310-5259 </small> </p>					
<p>FM 1093 WESTPARK EXTENSION</p> <p>ROADWAY PLAN & PROFILE</p> <p>FM 1463/FM 359</p> <p>STA 1+00 TO STA 10+00</p> <p style="text-align: right;">SHEET 1 OF 2</p>					
DESIGNED BY: BRC			DRAWN BY: LDW		
CHECKED BY: MPB			CHECKED BY: B3		
COUNTY	CONT	SEC	JOB	HWY NO.	SHEET NO.
FORT BEND	0543	02	063, ETC	FM 1093	1167

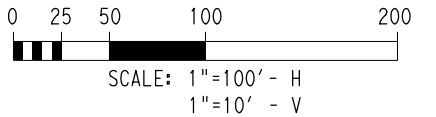
FILE: I:\30000s\30736\SEGB2\DGN\HOUNWPB2f.ppl3.dgn
DATE: 6/27/2018 1:48:24 PM

INTERSECTION PT
PROP B FM 1463/FM 359
STA 10+98.15
PROP B WBFR
STA 2299+50.83



- LEGEND
- (A) 12" CRCP
 - (B) 1" ASB
 - (C) 6" CEMENT TREATED BASE
 - (D) 6" LTS
 - (E) 9" CRCP
 - (F) RAIL (TY SSTR) W/DRAIN SLOTS
 - (G) RAIL (TY SSTR)
 - (H) RAIL (TY SSCB) (42") (TY I)
 - (I) METAL BEAM GUARD FENCE
 - (J) 2" PVC CONDUIT (SCHD 80)
 - (K) MONO CURB (TYPE I)
 - (L) MONO CURB (TYPE II)
 - (M) 4" RIPRAP (CL B)
 - (N) REINFORCED VOLUME
 - (O) RETAINING WALL
 - (P) DRILL SEED (PERM) (WARM OR COOL)
 - (Q) BLOCK SOD (BERMUDA)
 - (R) 4" TOPSOIL
 - (S) 4" SIDEWALK (5')
 - (T) 3" HMA
 - (U) 12" ASB
 - (V) PRIME COAT
 - (W) RAIL (PR1)
 - PROPOSED LANE
 - EXISTING LANE
 - (X) TYPICAL SECTION

NOTES:
1. ALL DIMENSIONS ARE TO FACE OF CURB UNLESS NOTED OTHERWISE.



REV	DATE	BY	DESCRIPTION
1	2/28/18	MPB	REVISED ASPHALT TRANSITION LIMIT
2	4/13/18	MPB	REVISED PAVING LIMITS
3	6/18/18	MPB	REVISED DRAINAGE LAYOUT

THE SEAL APPEARING ON THIS DOCUMENT WAS AUTHORIZED BY MICHAEL P. BARBIER P.E. 107133, ON JUNE 20, 2018, ALTERATION OF A SEALED DOCUMENT WITHOUT PROPER NOTIFICATION TO THE RESPONSIBLE ENGINEER IS AN OFFENSE UNDER THE TEXAS ENGINEERING PRACTICE ACT. THE RECORD COPY OF THIS DRAWING IS ON FILE AT THE OFFICES OF HALFF ASSOCIATES, INC.

6-20-2018

MICHAEL P. BARBIER
107133
REGISTERED PROFESSIONAL ENGINEER



FORT BEND COUNTY
TOLL ROAD AUTHORITY

STATE OF TEXAS
FORT BEND COUNTY

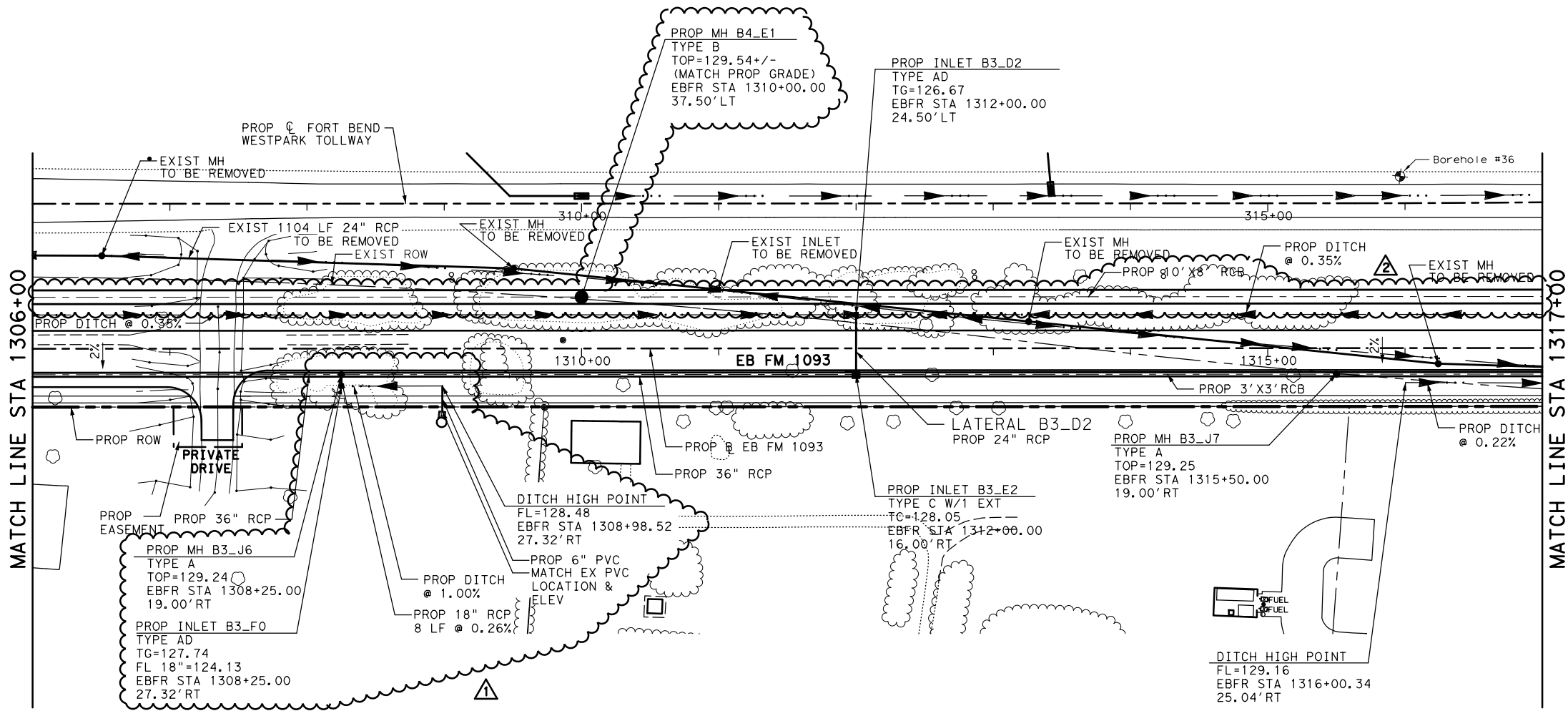
Texas Department of Transportation

HALFF
TYPE FIRM # F-312
14800 ST. MARY'S LANE, SUITE 160
HOUSTON, TEXAS 77079-2943
TEL (713) 588-2450 FAX (281) 310-5259

FM 1093 WESTPARK EXTENSION
ROADWAY PLAN & PROFILE
FM 1463/FM 359
STA 10+00 TO STA 17+72.61
SHEET 2 OF 2

DESIGNED BY:	BRC	DRAWN BY:	LDW		
CHECKED BY:	MPB	CHECKED BY:	B3		
COUNTY	CONT	SEC	JOB	HWY NO.	SHEET NO.
FORT BEND	0543	02	063, ETC	FM 1093	1168

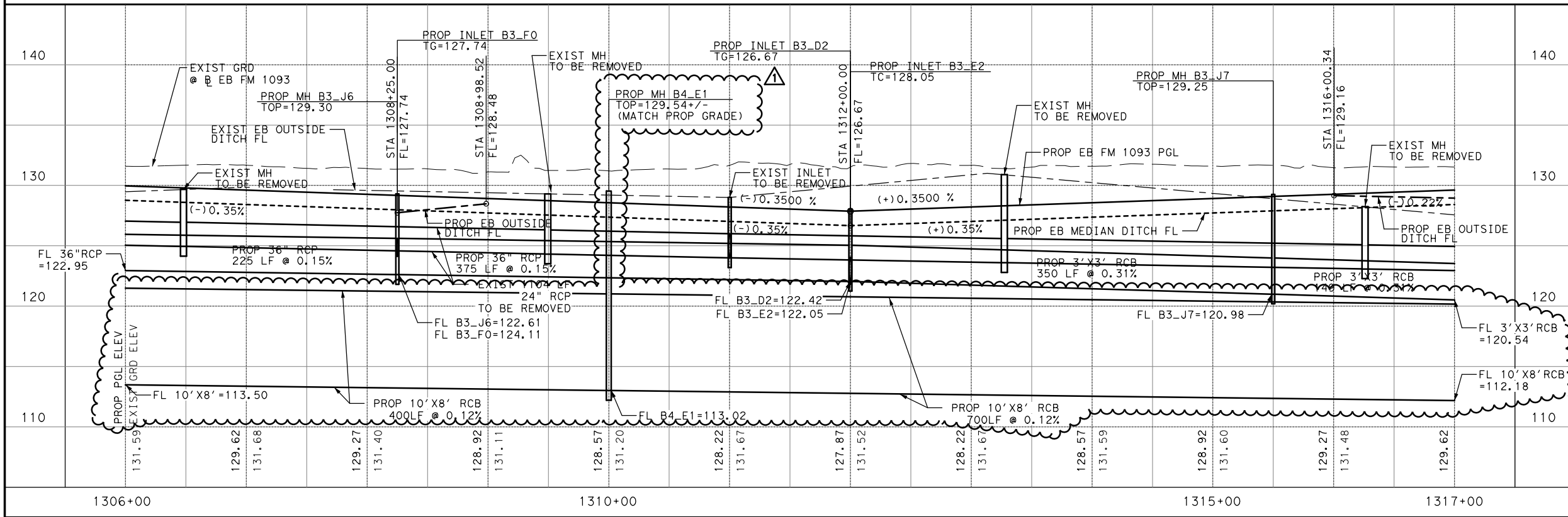
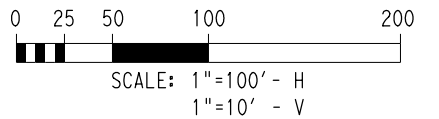
FILE: I:\30000s\30736\SEGB2\DWG\HOU\WPB2sppl.dgn
DATE: 6/27/2018 1:44:45 PM



- LEGEND
- EXIST MANHOLE
 - EXIST INLET
 - PROP MANHOLE
 - PROP AREA INLET
 - PROP CURB INLET
 - PROP DITCH OR SWALE
 - PROP JUNCTION BOX

NOTES:

1. STORM SEWER LENGTH SHOWN IS CENTER TO CENTER OF STRUCTURE WHICH DIFFERS FROM PAY LENGTH IN QUANTITY SHEETS.
2. HORIZONTAL CONTROL FOR ALL DRAINAGE STRUCTURES IS AT CENTER OF STRUCTURE.
3. SEE STORM SEWER LATERAL SHEETS FOR MORE INFORMATION.
4. ALL DITCHES ARE V-SHAPE UNLESS OTHERWISE NOTED



REV	DATE	BY	DESCRIPTION
1	5/8/18	MPB	REVISED DRAINAGE LAYOUT
2	6/18/18	MPB	REVISED DRAINAGE LAYOUT

STATE OF TEXAS

REGISTERED PROFESSIONAL ENGINEER

107133

MICHAEL P. BARBIER

6-20-2018

FORT BEND COUNTY

TOLL ROAD AUTHORITY

STATE OF TEXAS

FORT BEND COUNTY

Texas Department of Transportation

©2016

HALFF

TBPE FIRM # F-312
14800 ST. MARY'S LANE, SUITE 160
HOUSTON, TEXAS 77079-2943
TEL (713) 588-2450 FAX (281) 310-6259

FM 1093 WESTPARK EXTENSION

STORM SEWER PLAN & PROFILE

EASTBOUND FM 1093

STA 1306+00 TO STA 1317+00

DESIGNED BY: BRC

DRAWN BY: LDW

CHECKED BY: MPB

CHECKED BY: B3

COUNTY: FORT BEND

CONT: 0543

SEC: 02

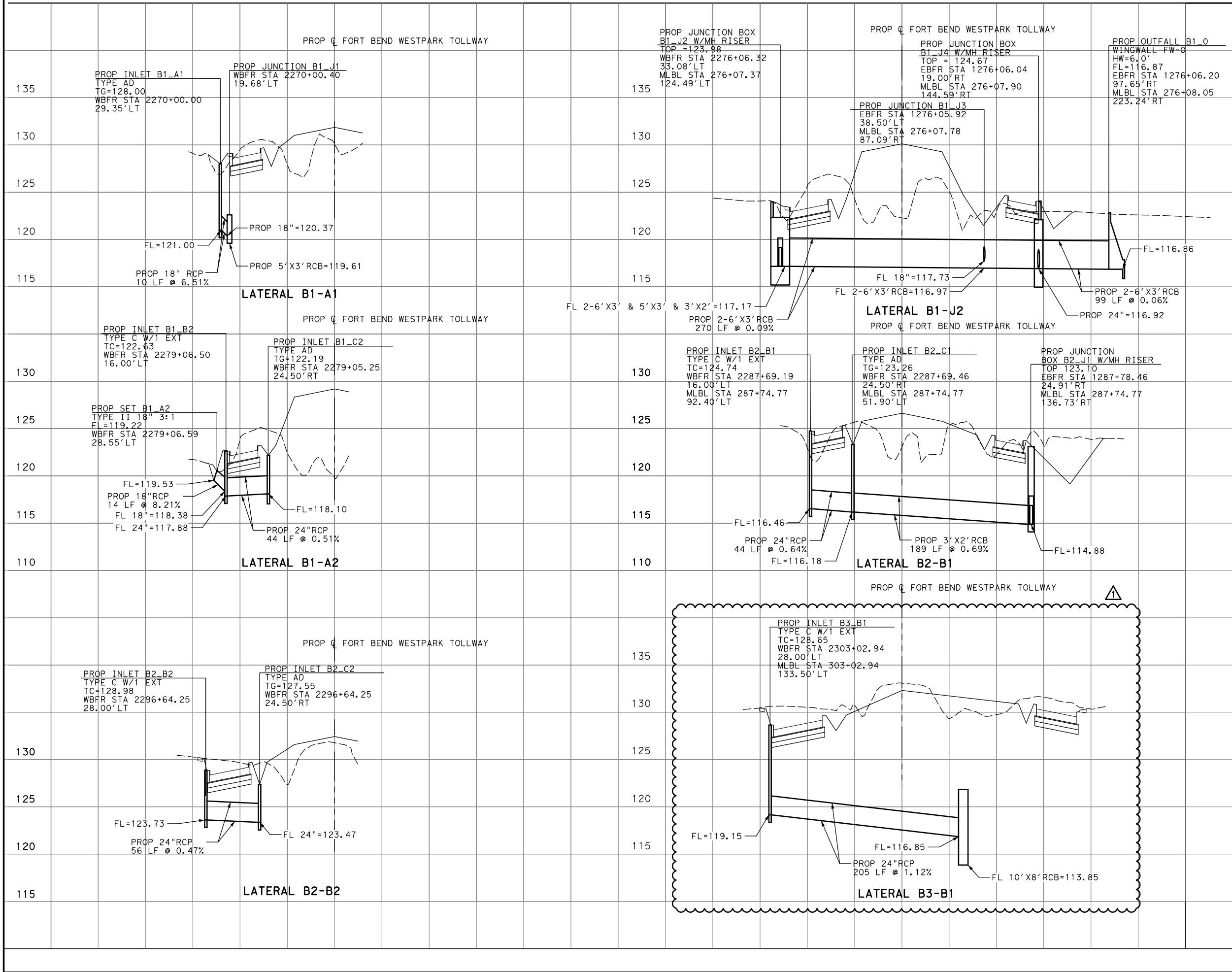
JOB: 063, ETC

HWY NO.: FM 1093

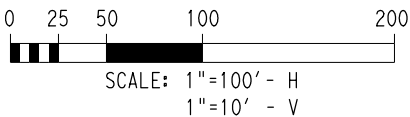
SHEET NO.: 1263

SHEET 12 OF 13

FILE: I:\30000s\30736\SEGB2\DWG\HOU\WPB6ss02.dgn
DATE: 6/27/2018 1:39:35 PM



- NOTES:
1. STORM SEWER LENGTH SHOWN IS CENTER TO CENTER OF STRUCTURE WHICH DIFFERS FROM PAY LENGTH IN QUANTITY SHEETS.
 2. HORIZONTAL CONTROL FOR ALL DRAINAGE STRUCTURES IS AT CENTER OF STRUCTURE.
 3. ALL DITCHES ARE V-SHAPE UNLESS OTHERWISE NOTED



REV	DATE	BY	DESCRIPTION
1	6/18/18	MPB	REVISED STORM LATERAL

6-20-2018

FM 1093 WESTPARK EXTENSION

STORM SEWER LATERALS

SHEET 7 OF 8

DESIGNED BY:	BRC	DRAWN BY:	LDW		
CHECKED BY:	MPB	CHECKED BY:	B3		
COUNTY	CONT	SEC	JOB	HWY NO.	SHEET NO.
FORT BEND	0543	02	063, ETC	FM 1093	1284

DATE: _____
FILE: _____

[illegible]

NOTES:

Skew Angle = 0° for SW-0, FW-0, SETB-CD, SETB-SW-0, and SETB-FW-0 standards.
30° Maximum for Safety End Treatment

SL:1 = Horizontal:1 Vertical
Side Slope at culvert for Flared or Straight Wingwalls. Channel Slope for Parallel Wingwalls.
Slope shall be 3:1 or flatter for Safety End Treatments.

T = Box Culvert Top Slab Thickness. Dimension can be found on the applicable Box Culvert Standard.

U = Box Culvert Wall Thickness. Dimension can be found on the applicable Box Culvert Standard.

C = Curb Height.

See applicable wing or end treatment standards for calculations of Hw, A, B, Lw, Ltw, Atw, and Total Wingwall Area.

Hw = Height of Wingwall.

A = Distance from Face of Curb to End of Wingwall (Not applicable to Parallel or Straight Wingwalls).

B = Offset of End of Wingwall (Not applicable to Parallel or Straight Wingwalls).

Lw = Length of Longest Wingwall.

Ltw = Length of Culvert Toewall (Not applicable when using Riprap Apron).

Atw = Length of Anchor Toewall (Applicable to Safety End Treatment only).

Total Wingwall Area = Wingwall area in S.F. for two wingwalls (one structure end) if Lt or Rt.

Area for four wingwalls (two structure ends) if Both.

① The wall heights shown will be rounded to the nearest Foot for bidding purposes.

② Concrete volume shown is for box culvert+ curb only. For curbs using the RAC standard, quantities shown must be increased by a factor of 2. If Class "S" concrete is required for the top slab of the culvert, the curb concrete shall also be Class "S". Curb concrete is considered part of the Box Culvert for payment.

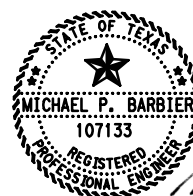
③ Concrete volume shown is total of wing, footing, culvert toewall (if any), anchor toewall (if any) and wingwall toewall. Riprap apron, culvert and curb quantities are not included.

4) Regardless of the type of culvert shown on this sheet, the Contractor shall have the option of furnishing cast-in-place or precast culverts unless otherwise shown elsewhere on the plans. If the Contractor elects to provide culverts of a different type than those shown on this sheet, it shall be the Contractor's responsibility to make the necessary adjustments to the dimensions and quantities shown.

SPECIAL NOTE:

This sheet is a supplement to the Box Culvert standards. It is to be filled out by the culvert specifier and provides dimensions for the construction of the Box Culvert Wingwalls and Safety End Treatments.

An Excel 97 spreadsheet to assist in completing this table can be downloaded from the Bridge Standards (English) web page on the TxDOT web site. The completed sheet shall be signed, sealed, and dated by a licensed Professional Engineer.




THE SEAL APPEARING ON THIS DOCUMENT WAS
AUTHORIZED BY MICHAEL P. BARBER P.E.
107133, ON AUGUST 31, 2015. ALTERATION
OF A SEALED DOCUMENT WITHOUT PROPER
NOTIFICATION TO THE RESPONSIBLE
ENGINEER IS AN OFFENSE UNDER THE TEXAS
ENGINEERING PRACTICE ACT. THE RECORD
COPY OF THIS DRAWING IS ON FILE AT THE
OFFICES OF HALFF ASSOCIATES, INC.

6-26-2018



THE SEAL APPEARING
ON THIS DOCUMENT WAS
AUTHORIZED BY
MAEN A. HOURANI
P.E. 88202, ON
FEBRUARY 28, 2017

SEGMENT B1 ONLY



Texas Department of Transportation

**Bridge
Division
Standard**

BOX CULVERT SUPPLEMENT

WINGS AND END TREATMENTS

BCS

FILE: <i>bcsstd1.dgn</i>	DN: <i>TxDOT</i>	CK: <i>TxDOT</i>	DW: <i>TxDOT</i>	CK: <i>GAF</i>
©TxDOT <i>February 2010</i>	CONT	SECT	JOB	HIGHWAY
REVISIONS	<i>0543</i>	<i>02</i>	<i>063,ETC</i>	<i>FM 1093</i>
	<i>HOU</i>	<i>FORT BEND</i>		<i>1315</i>
	<i>DIST</i>	<i>COUNTY</i>		<i>SHEET NO.</i>

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY CERTIFICATION OF FILING

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.

Webber, LLC
Richmond, TX United States

Certificate Number:
2018-416421

Date Filed:
10/18/2018

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.

Fort Bend County

Date Acknowledged:
11/06/2018

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.

0543-02-063, etc
Addition of 10x8 RCB from FM 1463 to Spring Pond Outfall

4	Name of Interested Party	City, State, Country (place of business)	Nature of interest (check applicable)	
			Controlling	Intermediary

5 Check only if there is NO Interested Party.



6 UNSWORN DECLARATION

My name is _____, and my date of birth is _____.

My address is _____, _____, _____, _____, _____.
(street) (city) (state) (zip code) (country)

I declare under penalty of perjury that the foregoing is true and correct.

Executed in _____ County, State of _____, on the _____ day of _____, 20____.
(month) (year)

Signature of authorized agent of contracting business entity
(Declarant)