

DAW Constructors, Inc.



Suncoast Parkway Resurfacing From MP 14.2 to MP 17.5

Hillsborough County

Statewide Rural Resurfacing Award Winner for 2015

Suncoast Parkway Resurfacing From MP 14.2 to MP 17.5

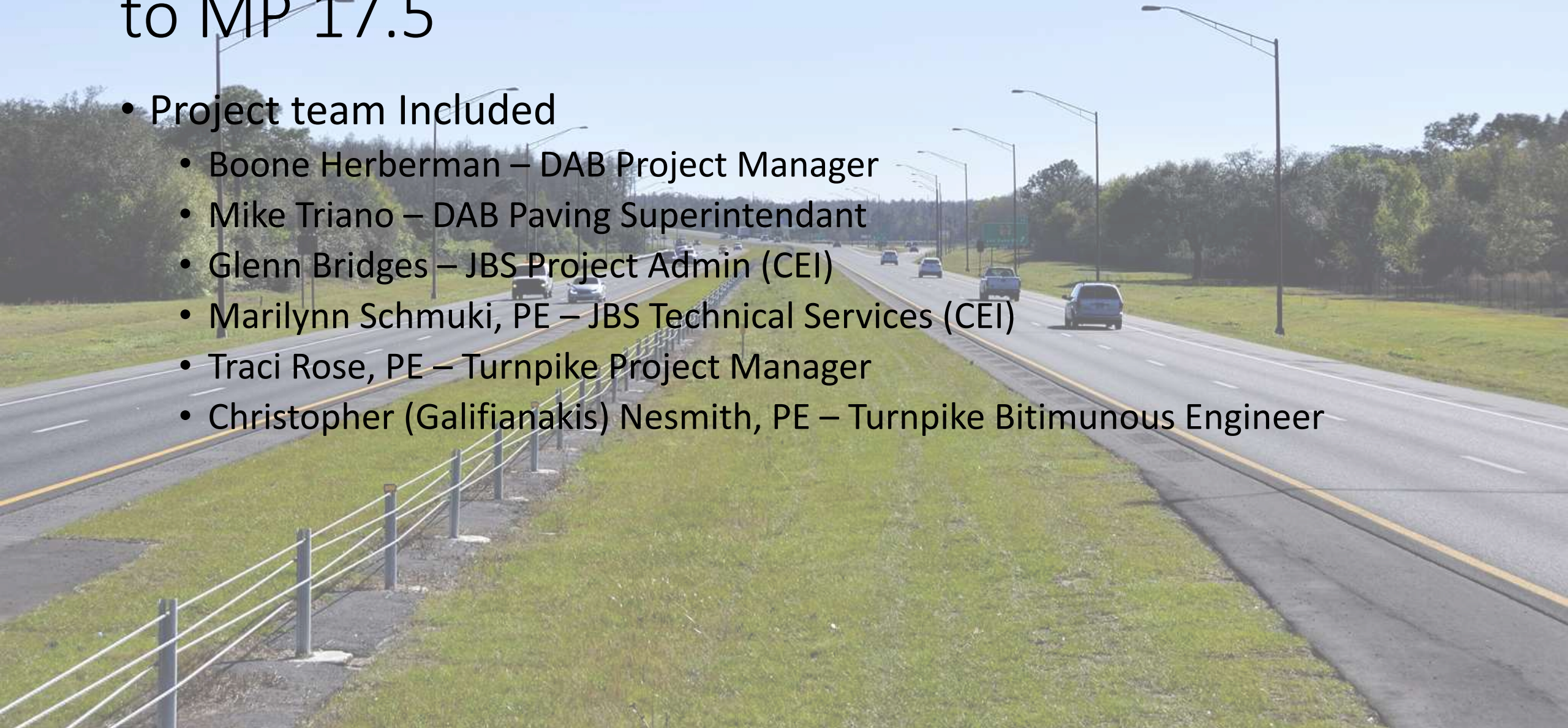
- Project included
 - New crossover vehicle protection
 - New paved crossovers that no one is allowed to use
 - Regrading and resodding of the median
 - Minor drainage improvements
 - Milling and Resurfacing of the travel lanes



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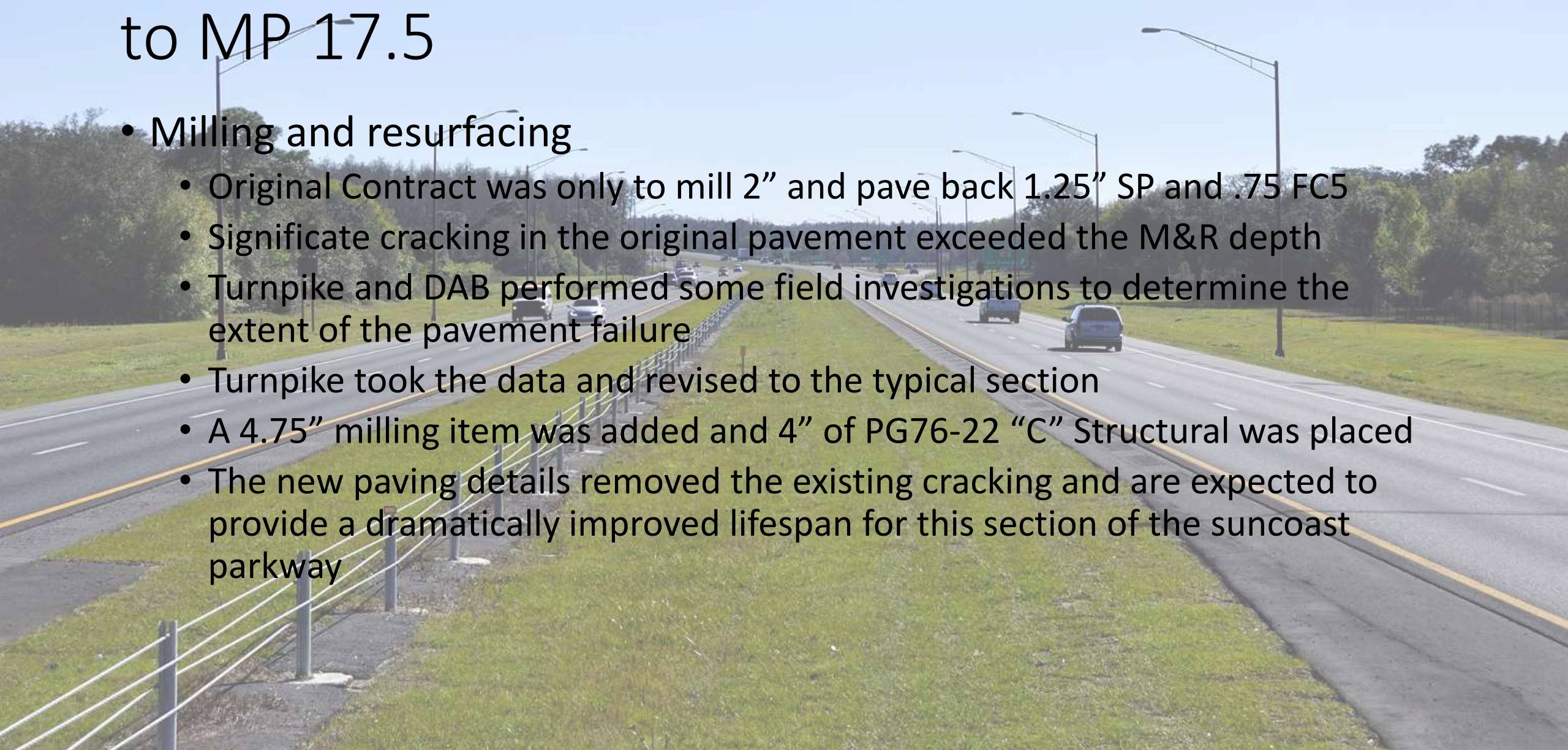
- Project team Included

- Boone Herberman – DAB Project Manager
- Mike Triano – DAB Paving Superintendent
- Glenn Bridges – JBS Project Admin (CEI)
- Marilyn Schmuki, PE – JBS Technical Services (CEI)
- Traci Rose, PE – Turnpike Project Manager
- Christopher (Galifianakis) Nesmith, PE – Turnpike Bituminous Engineer



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- Milling and resurfacing
 - Original Contract was only to mill 2" and pave back 1.25" SP and .75 FC5
 - Significant cracking in the original pavement exceeded the M&R depth
 - Turnpike and DAB performed some field investigations to determine the extent of the pavement failure
 - Turnpike took the data and revised to the typical section
 - A 4.75" milling item was added and 4" of PG76-22 "C" Structural was placed
 - The new paving details removed the existing cracking and are expected to provide a dramatically improved lifespan for this section of the suncoast parkway



Suncoast Parkway Resurfacing

From MP 14.2 to MP 17.5

Beginning construction drive through

Severe cracking and rutting

Work area extremely confined between wall
and guardrail

DAB CONSTRUCTORS, INC

SUNCOAST PARKWAY RESURFACING

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LANE CLOSURE RESTRICTIONS

8. *THE NUMBER OF LANES CLOSED AND THE HOURS LANE CLOSURES ARE PERMITTED FOR MAINLINE ARE AS FOLLOWS:*
- *NB SR 589, 1 LANE FROM 8:30 PM TO 3:00 PM, EXCEPT WEEKENDS FROM FRIDAY 6:00 AM TO SUNDAY 8:00 PM AND DURING SPECIAL EVENTS.*
 - *SB SR 589, 1 LANE FROM 10:30 AM TO 6:00 AM, EXCEPT WEEKENDS FROM FRIDAY 6:00 AM TO SUNDAY 8:00 PM AND DURING SPECIAL EVENTS.*

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- Average haul 40 minutes
- NO shuttle buggy
- All mixes PG76-22 PMA
- Multiple lifts per shift



	MAINLINE MILLING L1 & R1
	MILL EXISTING ASPHALT PAVEMENT (2 1/2" DEPTH)
	MAINLINE MILLING L2 & R2
	MILL EXISTING ASPHALT PAVEMENT (4 3/4" DEPTH)
	MAINLINE RESURFACING L1 & R1
	TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1 3/4") (PG 76-22, PMA) AND FRICTION COURSE FC-5 (3/4") (PG 76-22) (GRANITE)
	MAINLINE RESURFACING L2 & R2
	TYPE SP STRUCTURAL COURSE (TRAFFIC C) (4") (PG 76-22, PMA) AND FRICTION COURSE FC-5 (3/4") (PG 76-22) (GRANITE)
	SHOULDER MILLING
	(OUTSIDE) MILL EXISTING ASPHALT PAVEMENT (1" DEPTH) (INSIDE) MILL EXISTING ASPHALT PAVEMENT (1-3/4" DEPTH)
	SHOULDER RESURFACING
	(OUTSIDE) TYPE SP STRUCTURAL COURSE (TRAFFIC B) (1") (INSIDE) TYPE SP STRUCTURAL COURSE (TRAFFIC C) (1-3/4") (PG 76-22, PMA)



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- Pilot Project for the new IRI Ride Specification.
 - Overall average ride number 49
 - Worst riding lane before construction is the worst lane after

Summary

Lane	Full and Partial Lots				> 95	Pay			IRI Statistics			
	Total	Inc	Full	Dis	CA	Total	Inc	Dis	Min	Max	Std	Avg
R1	32	2	24	6	0	(\$213.20)	\$120.00	(\$333.20)	40	62	5.3	50
R2	33	0	23	10	0	(\$1,132.00)	\$0.00	(\$1,132.00)	43	79	7.4	54
L1	32	13	17	2	0	\$908.80	\$1,000.00	(\$91.20)	35	59	5.6	44
L2	32	4	24	4	0	(\$0.80)	\$239.40	(\$240.20)	39	61	5.8	48
Total	129	19	88	22	0	(\$437.20)	\$1,359.40	(\$1,796.60)	Average		7.0	49

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Average Job CPF 1.0416



Lot #	Mix Type	CPF	Tons Total
1	9.5C	<u>1.00</u>	2023.28
2	12.5C	<u>1.04</u>	3991.00
3	12.5C	<u>1.05</u>	4000.00
4	12.5C	<u>1.05</u>	4000.00
5	12.5C	<u>1.05</u>	3663.19
6	12.5C	<u>1.00</u>	322.25
7	9.5 C	<u>1.04</u>	467.81
8	FC5	<u>1.04</u>	2000.00
9	FC5	<u>1.05</u>	2000.00
10	FC5	<u>1.00</u>	163.41