

Tarrant, Johnson, and Hood Counties
Bridge Preventive Maintenance
6354-22-001

4-Aug-2020

1. There are three different Armor Joint Details on Sheets 49-51. There are two different Relief Joint Details on Sheets 52 & 53. There is an additional Type A Joint Detail. All of these details say they are to be paid for under Item 785 "Bridge Joint Repair or Replacement". However, there are three different pay items for 785 – Concrete, Armor, and Header. How are we to know which one of these items is used for which detail? Most of them have armor and header, concrete and header, etc. Please issue a plan revision for each of these details showing exactly which of the three 785 pay items will be used for that specific detail. **These joint details are standard (Armor Jt. 1,2&3, Relief Jt. 1&2, Type A jt.) and they are called out on Bridge Repair sheet which Joint Detail will be used and where. And repairs are under 785.**
2. The header details shown on Sheets 49, 51 and 52 all say that the header is assumed to be 2" thick. Can TxDOT please furnish the field measurements for each joint showing that? It is highly unlikely that the header is anywhere close to 2" and is likely it is much thicker. The contractor cannot field verify this prior to the bid without lane closures at each location and removing some of the overlay. This work should be changed to a cubic foot measurement with another item to pay for the seal by the linear foot. This has been confirmed with both Greg Cedillo and Bridge Division. It is completely unreasonable to expect the Contractor to bear the risk for the depth of the existing overlay that he cannot verify. **In most cases overlays are 2" and that's why headers are considered (assumed) as 2" thick.**
3. Can TxDOT furnish the time determination schedule for this project? We do not feel that 32 working days is enough time. **Yes, see the attached contract time determination.**

31-Aug-2020

4. Can you please clarify which Bridge Joint Detail (Sheets 48-54) goes with each of the bid items. **Bid Item is showing on Estimated Quantity table on each bridge repair plan sheet and joint type is called right above the table. That call out is also pointing to what/which joint detail is needed to use. All type of bridge joint details are showing on sheets 49-54.**
5. For item 785-6004, Bridge Joint Repair (Armor Joint), we read the plans that you do not replace the armor joint, just seal it. There are no details as the type of Armor Joint you want or how far back to do the removals, so we assume we just do repairs to the original. If this is wrong, can you please clarify what you want. **As an example, for bridge FM 4 @ Robinson Creek, on plan sheet the table is using 0785-6004 item code for Bridge Joint Repair (Armor) and right above the table it is saying what/which joint detail is needed to use. When you go to the joint detail sheet, it is saying how to do the repair. It is also shown on joint detail how far back the removal will be.**

Contract Time Estimate

Rd: IH 820,ETC County: Tarrant, etc
 CSJ: 6354-22-001 Project: 2021 BPM

TASK #	Description	Quantity	Unit	Daily Rate	Duration	Pred Task	% Compl	Pred Task	% Compl	Pred Task	% Compl	Start Day	Finish Day	= # Days / Cell			
														Sep (20)	Oct (20)	Nov (20)	
1																	
2	02-112-0-0385-03-023 (FM 4 @ ROBINSON CREEK)																
3	Set up Advance Warning Signs	1	LS	1	1		100					1	1				
4	Phase 1 :Set up One side lane closure	2	LS	1	2	3	100					2	3				
5	-Cleaning and Sealing of Joints																
6																	
7	Phase 1 :Set up Other side lane closure	2	LS	1	2	4	100					4	5				
8	-Cleaning and Sealing of Joints																
9																	
10	02-127-0-1600-01-007 (FM 1706 @ BNSF RR)																
11	Set up Advance Warning Signs	1	LS	1	1	7	100					6	6				
12	Phase 1 :Set up Entire Bridge Closure	6	LS	1	6	11	100					7	12				
13	-Complete All Repair Works as Shown on Misc. Bridge Repair Sheets																
14																	
15	02-220-0-0008-14-209 (IH 820 EB @ FM 156)																
16	Set up Advance Warning Signs	1	LS	1	1	12	100					13	13				
17	Phase I Stage A: IH 820 EB Inside 2 Lane Closure	1	LS	1	1	16	100					14	14				
18	-Bridge Joint Repair																
19	Phase I Stage B: IH 820 EB Outside 1 Lane Closure	1	LS	1	1	17	100					15	15				
20	-Bridge Joint Repair																
21	Phase II Stage A: EB IH 820 Turn Around Closure	1	LS	1	1	19	100					16	16				
22	-Concrete Surface Treatment at Abutment #1																
23	Phase II Stage B: NB FM 156 Outside 1 Lane Closure	1	LS	1	1	21	100					17	17				
24	-Concrete Beam Repair @ Span 3																
25	Phase III Stage A: SB FM 156 Outside 1 Lane Closure	1	LS	1	1	23	100					18	18				
26	-Concrete Surface Treatment at Bent #2																
27	Phase III Stage B: SB FM 156 Inside 1 Lane Closure	1	LS	1	1	25	100					19	19				
28	-Concrete Surface Treatment at Bent #3																
29	Phase IV Stage A: NB FM 156 Inside 1 Lane Closure	1	LS	1	1	27	100					20	20				
30	-Concrete Beam Repair @ Span 3																
31	Phase IV Stage B: WB IH 820 Turn Around Closure	1	LS	1	1	29	100					21	21				
32	-Concrete Surface Treatment at Bent #4 and Abutment #5																
33																	
34	02-220-0-0008-15-225 (RAMP W IH 820 NB @ RAMP V)																
35	Set up Advance Warning Signs	1	LS	1	1	31	100					22	22				
36	Phase 1 :Set up Entire Ramp Closure	5	LS	1	5	35	100					23	27				
37	-Complete All Repair Works as Shown on Misc. Bridge Repair Sheets																
38																	
39	02-220-0-0008-16-322 (IH 20 EB @ IH 820 SB & FR)																
40	Set up Advance Warning Signs	1	LS	1	1	36	100					28	28				
41	Phase I Stage A: EB IH 20 Inside Lane Closure	1	LS	1	1	40	100					29	29				
42	-Bridge Joint Repair																
43	Phase I Stage B: EB IH 20 Outside Lane Closure	1	LS	1	1	41	100					30	30				
44	-Bridge Joint Repair																
45	-Concrete Rail Repair																
46	Phase II Stage A: SB IH 820 Main Lanes Left Shoulder Closure	1	LS	1	1	43	100					31	31				
47	-Concrete Structural Repair																
48	-Concrete Riprap Repair																
49	Phase II Stage B: SB IH 820 Frontage Rd Right Shoulder Closure	1	LS	1	1	46	100					32	32				
50	-Concrete Structural Repair																
51																	
52																	
53																	
54																	
55																	
56																	
57																	
58																	
59																	
60																	

8.3.1.4 Standard Workweek
 Contract Time:
 W = 32 days
 A = 16
 B = W/A = 2 Months
 C = 32 Days

Yousuf Ali, P.E
 6/15/2020