

6/15/65

## OCEAN BEACH FISHING PIER PROJECT

### DETAILED STEPS IN MAKING AN ADVANCE OF ONE BAY

Assume we have finished the previous day by placing two new piles and have graveled and grouted them in and poured the connection between the cap. We have a working platform template attached and suspended from the drill platform.

1. Place center panel in bent behind crane. (CRANE) ✓
2. Move mixer and grout pump to center panel behind crane. ✗
3. Unbolt left walking beams behind crane and place it on new pier on cross beam bolting it down fore and aft. (CRANE) ✓
4. Unbolt right walking beam behind crane and place it on new pier. (CRANE) ✓
5. Move water pump and platform to new right walking beam. (CRANE) ✗
6. Remove template platform and store behind crane or hang on side of platform. (CRANE) ✓
7. Rig cantiliver platform with drill on it and move it forward. Probably walking the crane forward 10 feet. Then boom out to new position. Secure cantiliver platform. (CRANE) ✓
8. Set template platform. (CRANE) ✓
9. Place drill over hole number one and begin drilling. (CRANE-DRILL) ✓
10. Deliver gravel hopper and grout mixes by dolly. Set gravel hopper behind drill. (CRANE)
11. Bring two piles out to pier end at first bay behind the platform. ✓
12. Attach gravel tremie to pile #1. ✓
13. Attach gravel tremie to pile #2. ✓
14. When drilling depth is reached, move drill to hole #2, and begin to drill. (CRANE) ✓
15. Pick up pile one attaching air supply and place it using template. (CRANE) ✓
16. Release gravel into tremie. ✓
17. Begin grout pump and grout pile in. ✓



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18. Deliver 3 panels by dolly. Unload and stack behind crane. (CRANE) ✓
19. When depth is reached on hole #2, center the drill. (CRANE) ✓
20. Pick up pile #2 attaching air supply and place it using template. (CRANE)
21. Release gravel into tremie. ✓
22. From template platform secure pile and attach beam for connection.
23. Begin grout pump and grout pile in.
24. Mix concrete for pouring bent and pour connection.
25. Mix and place dry pack.
26. Place left panel and weld it to both pile caps. (CRANE) ✓
27. Place right panel and weld it to both pile caps. (CRANE) ✓



18. ~~Unload second pile as above. (CRANE)~~
- 16 19. <sup>when</sup> As drilling depth is reached, move drill to hole #2. (CRANE) *and begin to drill*
- 30 20. <sup>15</sup> Pick up pile one attaching air supply and place it. (CRANE)  
*using template.*
21. <sup>16</sup> Release gravel into tremie.
- 16 22. <sup>17</sup> Begin grout pump and grout pile in.
23. <sup>18</sup> Deliver 3 panels by dolly. Unload and stack behind crane. (CRANE)
- 10 24. <sup>19</sup> <sup>when</sup> As depth is reached, <sup>on hole #2</sup> center the drill. (CRANE)
- 30 25. <sup>20</sup> Pick up pile # 2 attaching air supply and place it. (CRANE)  
*using template*
26. <sup>21</sup> Release gravel into tremie.
- 23 27. <sup>23</sup> Begin grout pump and grout pile in.
28. ~~Place cross beam bolting it to anchors bolts. (CRANE)~~
- 22 29. <sup>22</sup> From template platform secure pile and attach beam for connection.
- 24 30. <sup>23</sup> Mix concrete <sup>for securing beam</sup> and pour connection.
- 25 31. <sup>24</sup> Mix dry pack <sup>and place</sup>.
- 26 32. <sup>25</sup> Place left panel and weld it to both piles. (CRANE) <sup>caps</sup>
- 27 33. <sup>26</sup> Place right panel and weld it. (CRANE) <sup>to both pile caps.</sup>



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DETAILED STEPS IN MAKING AN ADVANCE OF ONE BAY

Assume we have finished the previous day by placing two new piles and have graveled and grouted them in and poured the connection between the cap. We have a working platform template attached and suspended from the drill platform.

- ~~1. Move compressor to walking trusses behind crane. (CRANE)~~
2. 1 Place center panel in bent behind crane. (CRANE)
3. <sup>move</sup> 2 Place mixer and grout pump <sup>to</sup> on center panel behind crane. (~~CRANE~~)
4. 3 Unbolt left walking beams behind crane and place it on new pier on cross beam bolting it down fore and aft. (CRANE)
5. 4 Unbolt right walking beam behind crane and place it on new pier. (CRANE)
6. 5 Move water pump and platform to new right walking beam. (CRANE)
7. 6 Remove template platform and store behind crane or hang on side of platform. (CRANE)
8. 7 { Rig cantiliver platform with drill on it and move it forward. Probably walking the crane forward 10 feet. Then boom out to new position. (CRANE)
9. { Secure cantiliver platform. (CRANE)
- ~~10. Move crane out on new walking trusses. (CRANE)~~
11. 8 Set template platform. (CRANE)
12. 9 Place drill over hole number one and begin drilling. (CRANE-DRILL)
13. 10 Deliver gravel hoppers and grout mixers by dolly. Set <sup>gravel hoppers</sup> it behind drill. (CRANE)
14. 11 Bring two piles out to pier end. <sup>at Mt bay behind the platform</sup>
15. 12 Attach gravel tremie to pile # 1.
16. 13 Attach gravel tremie to pile # 2.
- ~~17. Unload one pile placing it vertically on bottom and leaning against the pier. (CRANE)~~ <sup>maybe exact</sup>