EXHIBIT J

CHECK LIST FOR CONTRACT PLANS AND SPECIFICATIONS

LEVEE AND CHANNEL SECTION

PROJECT _____ TITLE OF WORK _____

DRAWING NUMBER _____ SPECIFICATION NO. _____

| | INITIALS OF PERSON MAKING CHECKS & DATE |
|---|---|
| 1. What is status of wage rates? | _____ |
| 2. Has tabulation of items chargeable to local interests been prepared? | _____ |
| 3. Has basis of design been prepared? | _____ |
| 4. Has right-of-way clearance been given in writing by the local interests? | _____ |
| 5. Has right-of-entry to work site been acquired and is it shown on the contract drawings and covered in the specifications? (Including ingress and egress to work areas, isolated areas, borrow areas, structures and pertinent features.) | _____ |
| 6. Do plans and specifications conform with the right-of-way agreements and have all special provisions been included? | _____ |
| 7. Are property limits and owners names shown on drawings? | _____ |
| 8. Do the specifications allow for sufficient and proper time to perform the required construction? | _____ |
| 9. Does the amount of liquidated damages cover Government costs and would be incurred if the job is not completed on time? | _____ |
| 10. Do the specifications provide for the Contractor to make repairs to any existing roads used by him for ingress or egress, hauling from or to borrow and/or spoil areas? (Including completed levee patrol raods.) | _____ |

| | INITIALS OF PERSON MAKING CHECKS & DATE |
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| 11. Have detours been provided where necessary, or, if made the responsibility of the contractor, is this clearly provided for in the specifications? | _____ |
| 12. Is there agreement between plans and specifications on borrow and/or spoil area designation and location? | _____ |
| 13. Do plans and specifications have same title and does it agree with the PB-2A program sheets? | _____ |
| 14. Are bench marks and coordinates shown on the plans? | _____ |
| 15. Is river and/or channel mileage and direction of flow indicated on the plans? (Where necessary) | _____ |
| 16. Are angle points on traverse clearly labelled? | _____ |
| 17. Is centerline stationing clearly marked? | _____ |
| 18. Are typical cross sections clearly labelled and stationed on the plans? And are they truly typical for all conditions? | _____ |
| 19. Does profile agree with plans as to limits of work, type, etc.? | _____ |
| 20. Have plans and specifications been checked for misspelling, grammatical errors and proper nomenclature? | _____ |
| 21. Does the locality map give a clear picture? | _____ |
| 22. Were standard guide specifications followed? | _____ |
| 23. Does inspection ditch agree with Standard Drawing? | _____ |
| 24. Does levee crown provide proper freeboard above the flood plane? | _____ |
| 25. Have levee standards (as shown on Standard Drawing) been complied with? i.e., crown width and slopes. If other than 20' crown, 1 on 2 landside and 1 on 3 waterside check reason for change. | _____ |
| 26. Was soils reconnaissance made? (Review log covering inspection.) | _____ |

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| 27. Were borings or tests made and were recommendations resulting therefrom complied with? | _____ |
| 28. Are results of borings and tests shown on the contract drawings and correlated with Embankment Section? | _____ |
| 29. Are levee ramps and approaches shown at all locations where there are existing road crossings or where they are specifically called for in the right-of-way agreements? Did you check right-of-way agreements? | _____ |
| 30. Have you studied the mass diagram and/or cumulative yardage curves for the job and relation of borrow available to embankment required? | _____ |
| 31. Do you consider the shrinkage factor and settlement allowance for computation of total required yardage of embankment adequate? | _____ |
| 32. Did a field check of toe stakes indicate an infringement on existing buildings, structures or other improvements? | _____ |
| 33. Do you consider spoil areas as shown on the plans to be adequate and properly located in relation to material to be wasted? | _____ |
| 34. On the drawings do the spoil and borrow areas show the existing ground elevations? | _____ |
| 35. Are spoil areas shown on the landside of levee unless an exceptional condition exists? | _____ |
| 36. Has provision been made in the specifications for excess or shortage of embankment or spoil yardage if in great variance with the estimated quantities? | _____ |
| 37. Has a berm fill been provided across lateral sloughs and through long reaches of low lying lands? | _____ |
| 38. Are tie-ins to existing roads, ramps, railroads, bridges or other grades properly detailed on the drawings and provided for in the plans and specifications? | _____ |
| 39. Do any of the right-of-way agreements provide for a certain sequence of construction and do specifications so provide? | _____ |

INITIALS OF PERSON MAKING CHECKS & DATE

40. Do the specifications provide for clearing the river berm and the river bank between the berm and the MLLW line? _____

41. Have the ramps, access roads, etc., as shown on the drawings, been coordinated with the location of irrigation and drainage structures, etc., to avoid conflict and subsequent relocation? _____

42. Do plans and specifications clearly indicate limits of stone protection and provide that under water bank paving shall not lag behind the bank sloping operation by more than 100'? _____

43. Has a constant bank slope been followed for bank protection and have standards for stone protection been followed? _____

44. Is alternative of quarry stone or cobbles plainly shown on both plans and specifications? _____

45. Has provision been made for tying new bank protection work into existing bank protection? (Remove and replace existing rock protection.) _____

46. Has filter been provided at locations where required by Embankment Section? _____

47. Are there any abandoned pipes in the levee? If so, will they be removed or plugged? _____

48. Are new pipes of the proper gauge, size, coating and type? (See Design Manual) _____

49. Are cut-off walls provided, and are they correctly located? _____

50. Are the proper gates and valves included for a given condition? (C of E requirements for positive shut-off and access during high water, etc.) _____

51. Have air releases been provided on all siphons? _____

52. If required, has provision been made for aprons, headwalls or bank protection at ends of pipes? _____

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53. Do pipes have sufficient coverage to withstand the traffic on the levee? _____

54. Are structure notes complete and do they check with notes on the drawings? _____

55. Do structure notes provide for removing and reinstalling all structures through bank paving and/or toe walls? _____

56. Are all existing structures shown on the plans? _____

57. Do structure details check with the right-of-way agreements? _____

58. Does a field check of diameter of pipes and physical features of pumping stations agree with those shown on the drawings? _____

59. Have the quantities (number of units) of pipe, gates, etc., set up in the bid items been checked with the number shown on the drawings? _____

60. Where new levees are to be constructed, has field study been made to determine if additional ditches and structures will be required to provide adequate drainage and/or irrigation? _____

61. Have levee and bank protection alignments been checked for irregularities? _____

62. Where siphon discharges culminate in a spillbox, or similar structure, check to see that the discharge end of the pipe is lower than the structure outlet so that the end of pipe will be under water to permit priming. _____

63. Do the specifications for concrete pipe cover joints? _____

64. Have handrails been provided for stairs and walkways? _____

65. Has provision been made for screens on all suction lines disturbed by the work? _____

66. Has proper consideration been given to utilities?

    a. Is sufficient clearance provided for electric or telephone wires over and above levee roadway? _____

INITIALS OF PERSON MAKING CHECKS & DATE

b. Are adjacent utility poles high enough? _____

c. Are all buried wires and pipes shown on the drawings? _____

d. Has provision been made in the plans and specifications for removal or modification of buried wires and pipes that will be disturbed by the work? _____

e. Do the specifications state how the contractor will be compensated for removal or modification of utilities encountered but not shown on the drawings? _____

67. Does the electrical section of the specifications include installation to comply with General Order No. 95, California Railroad Commission and National Electric Code? _____

68. Has removal and reconstruction of fence been kept to the minimum? _____

69. Has a check been made to see that the materials listed to be furnished by the Government are available? (If applicable.) _____

70. Is patrol road provided for and does it conform to standards as described in the design manual? If not standard, have we letter from Reclamation Board requesting a particular type of surface? _____

71. Have local interests been advised of subsequent revisions to plans furnished for rights-of-way? (Local interests should be advised in order that landowners may know of any changes in plans as they affect right-of-way agreements.) _____

72. Has the Reclamation Board been notified officially that utilities are to be relocated? _____

73. Do specifications include provision for a portable office to be used by Government inspectors? _____

74. Do the plans and specifications agree with the Design Memorandum? _____

If any basic major changes are found, they should be flagged for the Division at the time plans and specifications are forwarded for approval and changes in the Design Memorandum will be made, if required.