

**Declaration of
Michael Cheyne**

AR 012954

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POLLUTION CONTROL HEARINGS BOARD
FOR THE STATE OF WASHINGTON

Airport Communities Coalition,

Appellant,

No. PCHB 01-133

v.

DECLARATION OF MICHAEL CHEYNE

Department of Ecology and
The Port of Seattle,

Respondents.

MICHAEL CHEYNE declares as follow:

1. I am over the age of eighteen, have personal knowledge of the facts stated in this declaration and would be competent to testify to them if necessary.

2. I am the project manager for the Port of Seattle third runway construction projects at Seattle-Tacoma International Airport ("Sea-Tac"). My responsibilities include overall program management for administration, planning, design and construction of the Sea-Tac third runway. The third runway project is one of the major components of the Port of Seattle's Mater Plan Update ("MPU"). I have held my current position since May 1997.

3. I have considerable experience in the project management area. In addition to my twelve years at the Port of Seattle, I have over twelve years of administrative and project management experience in the public and private sectors including responsibilities as the Port

1 Administrator for the Port of Friday Harbor and the Port of Edmonds. I have completed formal
2 training in project management through the CH2M Hill Project Delivery System and through the
3 Project Management Institute and have a Masters and Bachelors of Science degree from Western
4 Illinois University.

5 4. One of my principal responsibilities is to establish and implement the construction
6 schedule for the Third Runway Project. These improvements are very complex and require an
7 intricate series of inter-related steps. A copy of our construction schedule is attached as Exhibit A.

8 5. In the event that a stay is issued in this case and the Port is unable to undertake
9 operations requiring discharge of fill material into water of the United States, activity on the Master
10 Plan Update improvements would be limited to property acquisition, stockpiling of fill material,
11 airfield improvements, and development of wetland mitigation sites.

12 6. A delay in this schedule would have immediate, long-lasting and irreparable
13 consequences. A few examples of the effects of the imposition of a stay are outlined below.

14 7. A delay in the project schedule would prevent the Port from awarding a bid alternate
15 to the existing embankment contract, since the bid alternate contract cannot be awarded until the Port
16 receives a permit to place fill material in waters of the United States.

17 8. The inability to advertise contracts that require a permit to place fill material in the
18 waters of the United States would affect two major MPU projects: (1) the Phase 5 embankment
19 project, and; (2) the relocation of South 154th Street. Both of these projects need to be advertised
20 and contracts awarded in order to maintain the current schedule. In the event that the Port could not
21 advertise and award those contracts, the consequences would be a one-year delay in the project.

22 9. There are very significant financial consequences to any delay in the construction
23 schedule resulting from increased construction costs. Each day of delay will cost the Port up to
24 \$49,000 per day or over \$17,000,000 for every year of delay (assuming the balance of the project
25 cost: \$493 million dollar project, inflated annually by 3.5%).

26 **AR 012956**

DECLARATION OF MICHAEL CHEYNE - 2

FOSTER PEPPER & SHEFELMAN PLLC
1111 THIRD AVENUE, SUITE 3400
SEATTLE, WASHINGTON 98101-3299
206-447-4400

1 10. Another significant cost of a stay is that the Port would be precluded from completing
2 construction of the third runway by 2006. Any stay would disrupt the construction schedule and
3 delay ultimate operation of the third runway for at least one year and possibly longer.

4 11. Contrary to the assertions made by the ACC and in declarations submitted in
5 connection with the ACC's motion for stay (the Azous declaration in particular) the current
6 construction schedule does not call for the Port to fill significant portions of wetlands immediately
7 upon the issuance of a §404 permit by the U.S. Army Corps of Engineers. To the contrary, upon
8 receipt of authorization by the Corps to discharge fill material into the waters of the United States,
9 the Port would fill only 2.8 acres of wetlands. These wetlands would be filled for logistical reasons,
10 i.e., in order to enable access roads to be completed so that other portions of the MPU project and
11 continued work on the embankment could take place. Attached to this declaration as Exhibit B is a
12 map showing the location of the initial fill that would take place, along with the other wetlands that
13 would not be filled until the specific MPU construction schedule called for it.

14 12. With respect to the remaining 15.4 acres of wetlands scheduled for fill in conjunction
15 with the MPU improvements, the only work that would be undertaken in those wetlands prior to
16 March 1, 2002 would be temporary erosion and sediment control. While those wetlands would
17 ultimately be filled in conjunction with the completion of the MPU improvements, the actual fill of
18 those wetlands would not take place until months (and in some instances years) after the issuance of
19 a §404 permit by the Corps of Engineers.

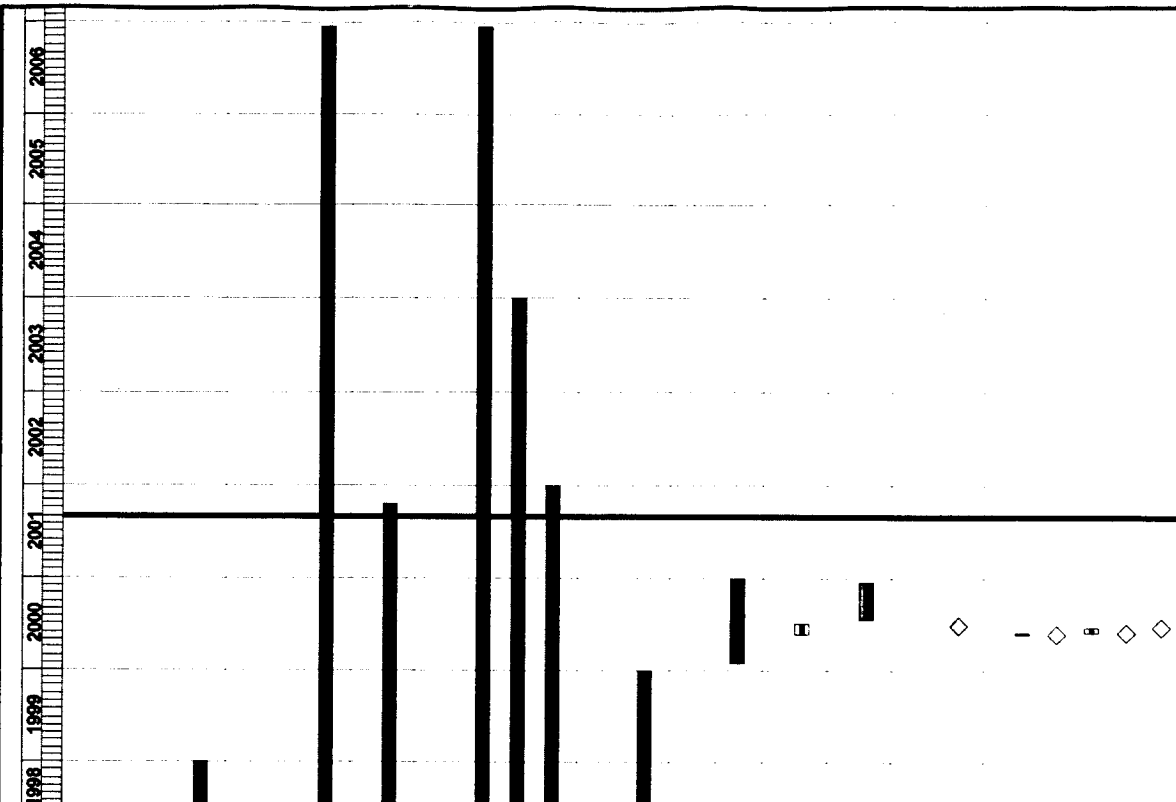
20 I declare under penalty of perjury under the laws of the State of Washington that the
21 foregoing is true and correct.

22 Executed at Seattle Washington, this 28 day of September, 2001.

23
24 
25 MICHAEL CHEYNE
26

A

AR 012958



| Activity ID | Activity Description | Orig Dur | Rem Dur | % | Early Start | Early Finish |
|---|---|----------|---------|-----|-------------|--------------|
| 3rd Runway program | | | | | | |
| 000683 MASTER PLAN | | | | | | |
| Runway Project Management | | | | | | |
| F12K01035 | Master Plan | 100 | 0 | 100 | 01MAY97A | 31DEC98A |
| 001138 NEW RUNWAY PROGRAM MANAGEMENT | | | | | | |
| CIP 001138 Summary | | | | | | |
| Program Management | | | | | | |
| F12K2000.1 | PROGRAM MANAGEMENT | 2,510* | 1,378* | 39 | 01MAY97A | 13DEC06 |
| Environmental | | | | | | |
| F12L1000.1 | ENVIRONMENTAL PERMITTING | 1,511* | 31* | 95 | 01JAN96A | 15OCT01 |
| Runway Project Management | | | | | | |
| Program Management | | | | | | |
| F12K01000 | Program Management | 2,510* | 1,378* | 45 | 01MAY97A | 13DEC06 |
| F12K01010 | Environmental / Legal | 1,740* | 608* | 65 | 01MAY97A | 31DEC03 |
| F12K01025 | Noise Mitigation | 1,218* | 86* | 93 | 01MAY97A | 31DEC01 |
| Acquisitions | | | | | | |
| Program Management | | | | | | |
| F12K01020 | Mitigation Site Acquisition | 1,563 | 0 | 100 | 05JAN98A | 31DEC99A |
| West Side Laydown Area: CIP Summary | | | | | | |
| Program Management | | | | | | |
| F12X01240 | PM / DM West Side Laydown Area | 239* | 0* | 100 | 01FEB00A | 29DEC00A |
| Ad, Bid & Award | | | | | | |
| F12X01250 | Ad, Bid, & Award | 35* | 0* | 100 | 19MAY00A | 06JUL00A |
| Construction | | | | | | |
| F12X01030 | Construction | 104* | 0* | 100 | 19JUL00A | 11DEC00A |
| West Side Laydown Area | | | | | | |
| Permitting | | | | | | |
| F12X01120 | Approved Permit | 0 | 0 | 100 | | 23JUN00A |
| Ad, Bid & Award | | | | | | |
| F12X01130 | Advertise | 15 | 0 | 100 | 19MAY00A | 01JUN00A |
| F12X01125 | Submit Advertisement | 0 | 0 | 100 | 19MAY00A | 19MAY00A |
| F12X01140 | Evaluate Bids | 10 | 0 | 100 | 02JUN00A | 19JUN00A |
| F12X01270 | Bid Opening | 0 | 0 | 100 | | 01JUN00A |
| F12X01150 | Contract Awarded - West Side Laydown Area | 0 | 0 | 100 | | 19JUN00A |

Start Date: 01JAN96
 Finish Date: 29DEC06
 Data Date: 01SEP01
 Run Date: 24SEP01 09:56

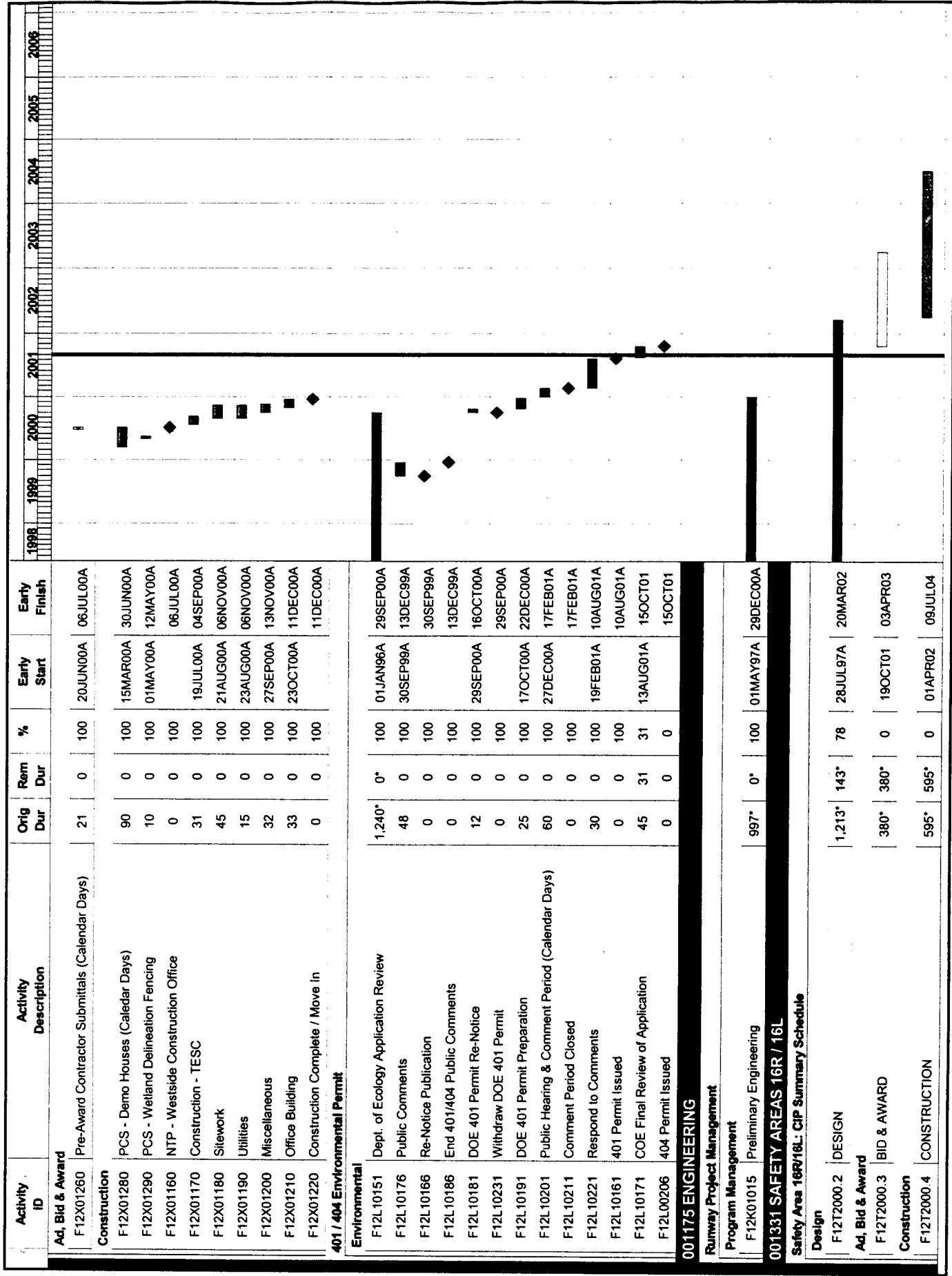
Sheet 1 of 23

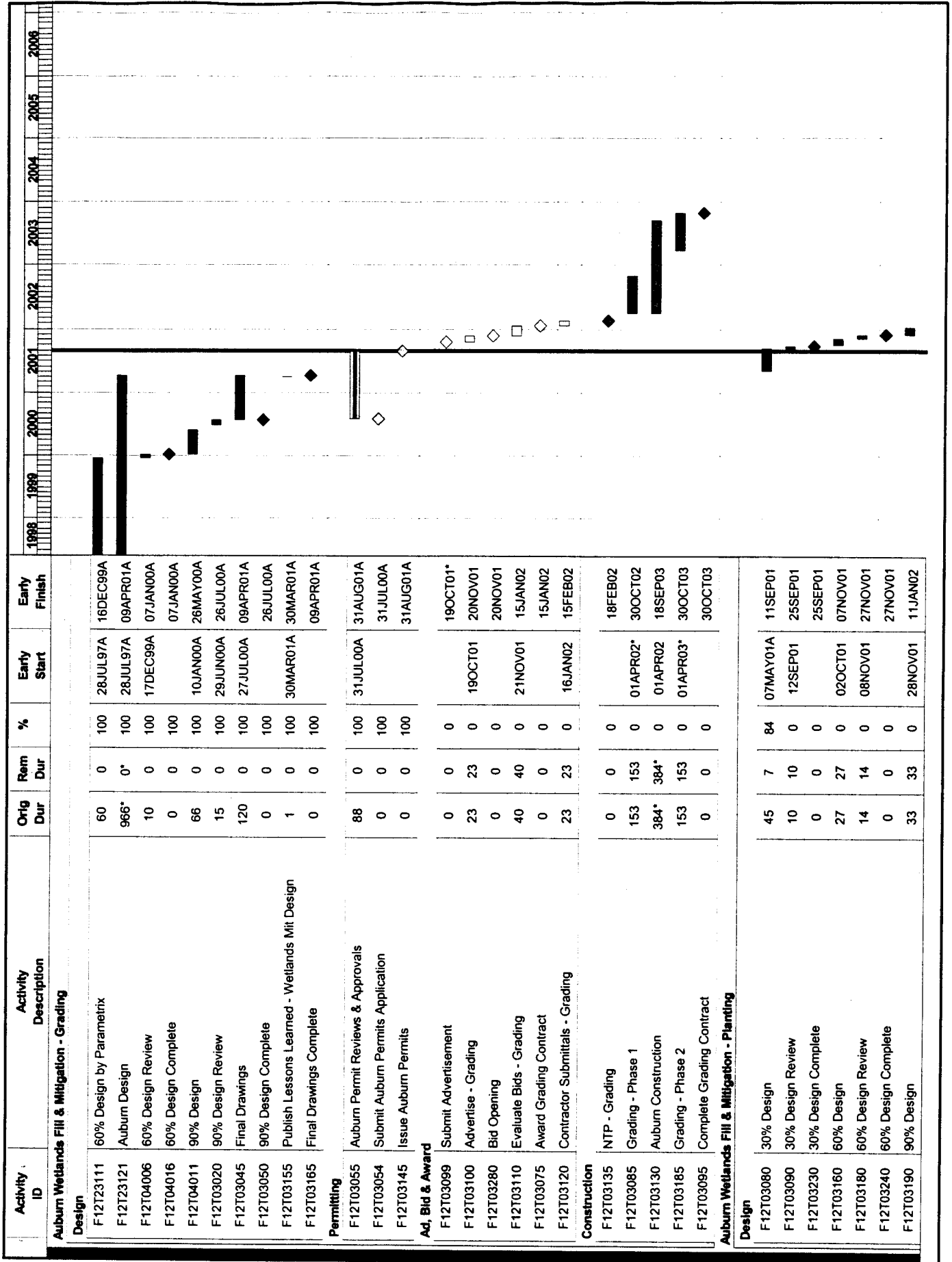
3rd Runway Program

Schedule Update as of 01SEP01

Legend:
 Early Bar
 Progress Bar
 Critical Activity

© Primavera Systems, Inc.





| Activity ID | Activity Description | Orig Dur | Rem Dur | % | Early Start | Early Finish |
|--------------------------------|--|----------|---------|-----|-------------|--------------|
| Design | | | | | | |
| F12T03200 | 90% Design Review | 8 | 8 | 0 | 14JAN02 | 23JAN02 |
| F12T03250 | 90% Design Complete | 0 | 0 | 0 | | 23JAN02 |
| F12T03210 | Final Drawings | 40 | 40 | 0 | 24JAN02 | 20MAR02 |
| F12T03220 | Design Complete - Planting | 0 | 0 | 0 | | 21MAR02 |
| Ad, Bid & Award | | | | | | |
| F12T03059 | Submit Advertisement | 0 | 0 | 0 | | 20JAN03* |
| F12T03060 | Advertise - Planting | 20 | 20 | 0 | 07FEB03* | 06MAR03 |
| F12T03300 | Bid Opening | 0 | 0 | 0 | | 06MAR03 |
| F12T03065 | Evaluate Bids - Planting | 20 | 20 | 0 | 07MAR03 | 03APR03 |
| F12T03105 | Award Planting Contract | 0 | 0 | 0 | | 03APR03 |
| F12T03070 | Front End Submittals - Planting | 20 | 20 | 0 | 04APR03 | 01MAY03 |
| Construction | | | | | | |
| F12T03115 | NTP - Planting | 0 | 0 | 0 | | 01MAY03 |
| F12T03140 | Phase 1 - East Side | 100 | 100 | 0 | 02MAY03 | 18SEP03 |
| F12T03260 | Phase 2 - Existing Wetland Area | 100 | 100 | 0 | 19SEP03 | 05FEB04 |
| F12T03270 | Phase 3 - West Side | 100 | 100 | 0 | 06FEB04 | 24JUN04 |
| F12T03125 | Complete Planting Contract | 0 | 0 | 0 | | 24JUN04 |
| F12T03150 | Auburn Project Closeout | 43 | 43 | 0 | 25JUN04 | 24AUG04 |
| F12T03170 | Publish Lessons Learned - Wetlands Mit Construct | 1 | 1 | 0 | 25AUG04 | 25AUG04 |
| Miller Creek Relocation | | | | | | |
| Design | | | | | | |
| F12T04085 | 95% Design | 164 | 0 | 100 | 01FEB00A | 15SEP00A |
| F12T04105 | 95% Design Review | 18 | 0 | 100 | 18SEP00A | 11OCT00A |
| F12T04015 | Prepare 100% Design Documents | 45 | 0 | 100 | 12OCT00A | 30MAR01A |
| F12T04095 | Publish Lessons Learned - Miller Creek Design | 1 | 0 | 100 | 30MAR01A | 30MAR01A |
| F12T04025 | Miller Creek Relo. Design Complete | 0 | 0 | 100 | | 30MAR01A |
| Ad, Bid & Award | | | | | | |
| F12T04018 | Submit Advertisement | 0 | 0 | 0 | | 01OCT01* |
| F12T04020 | Advertise | 30 | 30 | 0 | 01OCT01 | 30OCT01 |
| F12T04040 | Bid Opening | 0 | 0 | 0 | | 30OCT01 |
| F12T04024 | Evaluate Bids | 34 | 34 | 0 | 31OCT01 | 03DEC01 |
| F12T04045 | Construction Contract Awarded | 0 | 0 | 0 | | 03DEC01 |
| F12T04028 | Front End Submittals | 28 | 28 | 0 | 04DEC01 | 31DEC01 |
| Construction | | | | | | |
| F12T04055 | NTP - Miller Creek Relocation | 0 | 0 | 0 | | 15APR02* |
| F12T04033 | Construct new Creekbed | 65 | 65 | 0 | 16APR02 | 15JUL02 |
| F12T04060 | Divert Flow from Old to New Creek | 10 | 10 | 0 | 16JUL02 | 29JUL02 |

| Activity ID | Activity Description | Orig Dur | Rem Dur | % | Early Start | Early Finish |
|--------------------------------|--|----------|---------|-----|-------------|--------------|
| Construction | | | | | | |
| F12T04065 | Miller Creek Relocation Complete | 0 | 0 | 0 | | 29JUL02 |
| F12T04035 | Planting and seeding | 40 | 40 | 0 | 30JUL02* | 23SEP02 |
| F12T04043 | Subgrade Prep | 83 | 83 | 0 | 30JUL02 | 21NOV02 |
| F12T04053 | Planting & Seeding Complete | 0 | 0 | 0 | | 23SEP02 |
| F12T04075 | Miller Creek Relocation Project Closeout | 50 | 50 | 0 | 24SEP02 | 02DEC02 |
| F12T04063 | Project Complete | 0 | 0 | 0 | | 02DEC02 |
| F12T04115 | Publish Lessons Learned - Miller Creek Constr. | 1 | 1 | 0 | 03DEC02 | 03DEC02 |
| 154th Street Relocation | | | | | | |
| Design | | | | | | |
| F12T05000 | 95% Design | 164 | 0 | 100 | 01FEB00A | 15SEP00A |
| F12T05230 | SPU/Port of Seattle Agreement on 36" Water Main | 0 | 0 | 100 | | 11JUL00A |
| F12T05240 | SPU/City of SeaTac Agreement on 36" Water Main | 0 | 0 | 100 | | 11JUL00A |
| F12T05010 | 95% Design Review | 20 | 0 | 100 | 18SEP00A | 13OCT00A |
| F12T05020 | Prepare Bid Documents | 26 | 0 | 100 | 16OCT00A | 30MAR01A |
| F12T05040 | Publish Lessons Learned - 154th St Relo. Design | 1 | 0 | 100 | 30MAR01A | 30MAR01A |
| F12T05030 | 154th St Relocation Design Complete | 0 | 0 | 100 | | 30MAR01A |
| Ad, Bid & Award | | | | | | |
| F12T05048 | Submit Advertisement | 0 | 0 | 0 | | 01OCT01* |
| F12T05050 | Advertise | 30 | 30 | 0 | 01OCT01 | 30OCT01 |
| F12T05260 | Bid Opening | 0 | 0 | 0 | | 30OCT01 |
| F12T05060 | Evaluate Bids | 34 | 34 | 0 | 31OCT01 | 03DEC01 |
| F12T05070 | Construction Contract Awarded | 0 | 0 | 0 | | 03DEC01 |
| F12T05080 | Contractor Submittals | 28 | 28 | 0 | 04DEC01 | 31DEC01 |
| Construction | | | | | | |
| F12T05090 | NTP - 154th Street Relocation | 0 | 0 | 0 | | 15APR02* |
| F12T05110 | Construct Phase 1 - West Section | 99 | 99 | 0 | 16APR02 | 30AUG02 |
| F12T05190 | 154th Street Relocation - Construction | 584* | 584* | 0 | 16APR02 | 09JUL04 |
| F12T05250 | Construct Phase 3 - East Section | 238 | 238 | 0 | 16APR02 | 13MAR03 |
| F12T05130 | Construct Phase 2 - NW Corner Section | 233 | 233 | 0 | 22NOV02 | 14OCT03 |
| F12T05142 | Paving | 25 | 25 | 0 | 05APR04* | 07MAY04 |
| F12T05150 | Cut-over to New Roadway | 10 | 10 | 0 | 10MAY04 | 21MAY04 |
| F12T05192 | Bridge Removal | 35 | 35 | 0 | 24MAY04 | 09JUL04 |
| F12T05160 | 154th St Relo. Construction Complete | 0 | 0 | 0 | | 09JUL04 |
| F12T05170 | 154th St Relo. Project Closeout | 30 | 30 | 0 | 12JUL04 | 20AUG04 |
| F12T05180 | Publish Lessons Learned - 154th St. Relo Constr. | 1 | 1 | 0 | 23AUG04 | 23AUG04 |



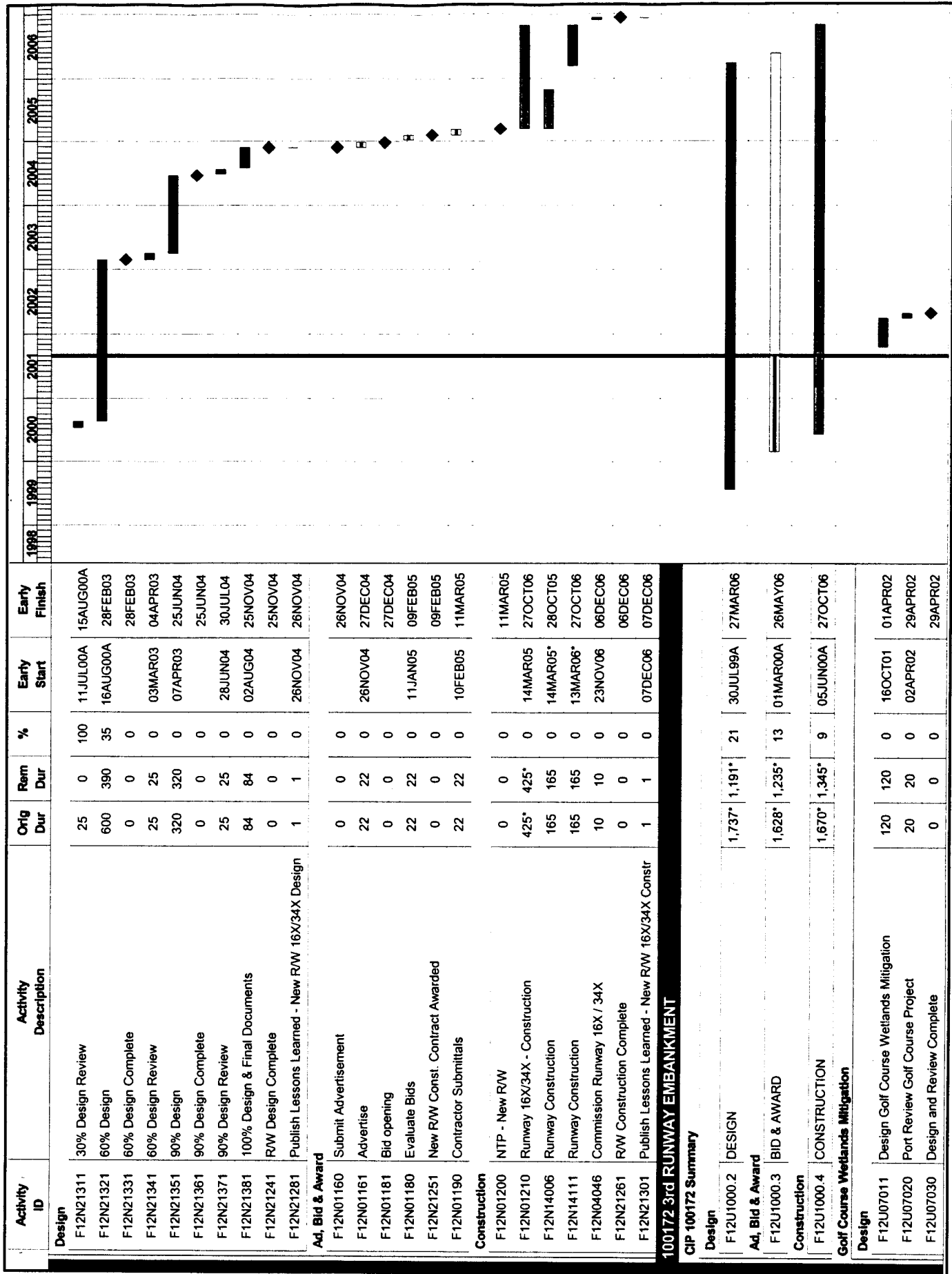
| Activity ID | Activity Description | Orig Dur | Rem Dur | % | Early Start | Early Finish |
|---|--|----------|---------|-----|-------------|--------------|
| Safety Areas 16R / 16L | | | | | | |
| Design | | | | | | |
| F12T05270 | Prelim Design - Safety Areas 16R / 16L | 225 | 0 | 100 | 20NOV96A | 30SEP97A |
| F12T05280 | Design | 150 | 150 | 0 | 18SEP03 | 14APR04 |
| F12T05290 | Design Complete | 0 | 0 | 0 | | 14APR04 |
| Ad, Bid & Award | | | | | | |
| F12T05300 | Submit Advertisement | 0 | 0 | 0 | | 15APR04 |
| F12T05310 | Advertise | 22 | 22 | 0 | 15APR04 | 14MAY04 |
| F12T05320 | Bid Opening | 0 | 0 | 0 | | 14MAY04 |
| F12T05330 | Evaluate Bids | 20 | 20 | 0 | 17MAY04 | 11JUN04 |
| F12T05340 | Award Contract | 0 | 0 | 0 | | 11JUN04 |
| F12T05350 | Contractor Submittals | 20 | 20 | 0 | 14JUN04 | 09JUL04 |
| Construction | | | | | | |
| F12T05360 | Issue NTP | 0 | 0 | 0 | | 09JUL04 |
| F12T05370 | Construction Safety Area 16L | 109 | 109 | 0 | 12JUL04 | 09DEC04 |
| F12T05420 | Safety Area Construction | 289* | 289* | 0 | 12JUL04 | 18AUG05 |
| F12T05380 | Construction Safety Area 16R | 180 | 180 | 0 | 10DEC04 | 18AUG05 |
| F12T05390 | Construction Complete | 0 | 0 | 0 | | 18AUG05 |
| F12T05400 | Project Closeout | 40 | 40 | 0 | 19AUG05 | 13OCT05 |
| F12T05410 | Project Complete | 0 | 0 | 0 | | 13OCT05 |
| 001751 SAFETY AREAS LAND ACQUISITION | | | | | | |
| Acquisitions | | | | | | |
| F12K01090 | Land Acquisition - Safety Areas | 930* | 0* | 100 | 06JAN97A | 27JUL00A |
| F12K01270 | Safety Area Land Acquisition Complete | 0 | 0 | 100 | | 27JUL00A |
| 001760 NEW RUNWAY LAND ACQUISITION | | | | | | |
| Acquisitions | | | | | | |
| F12Y01050 | Residential Property Acquisitions (G2326) | 1,218* | 86* | 93 | 01MAY97A | 31DEC01 |
| F12Y01070 | Residential Property Acquisitions (G2328) | 2,002* | 870* | 57 | 01MAY97A | 31DEC04 |
| F12Y01040 | Residential Property Acquisitions (G2322) | 955* | 0* | 100 | 05MAY97A | 29DEC00A |
| F12Y01060 | Residential Property Acquisitions (G2327) | 2,085* | 1,130* | 46 | 05JAN98A | 30DEC05 |
| F12Y01080 | Business & RPZ Acquisition & Relocation | 2,085* | 1,390* | 33 | 04JAN99A | 29DEC06 |
| F12Y01290 | New Runway Land Acquisition Complete | 0 | 0 | 0 | | 29DEC06 |
| House Demolition | | | | | | |
| Demolition | | | | | | |
| F12Y01300 | PCS - House Demolition for 3rd Runway (G-2322) | 1,370* | 260* | 81 | 02JUN97A | 30AUG02 |
| F12Y01310 | PCS - House Demolition for 3rd Runway (G-2326) | 1,369* | 260* | 81 | 03JUN97A | 30AUG02 |
| F12Y01320 | PCS - House Demolition for 3rd Runway (G-2327) | 1,368* | 260* | 81 | 04JUN97A | 30AUG02 |



| Activity ID | Activity Description | Orig Dur | Rem Dur | % | Early Start | Early Finish |
|---|---|----------|---------|-----|-------------|--------------|
| Demolition | | | | | | |
| F12Y01330 | PCS - House Demolition for 3rd Runway (G-2328) | 2,101* | 994* | 53 | 05JUN97A | 23JUN05 |
| F12Y01340 | PCS - House Demolition for 3rd Runway (2000005) | 1,366* | 260* | 81 | 06JUN97A | 30AUG02 |
| F12Y01350 | PCS - 3rd Runway Houses (99-M) | 105* | 0* | 100 | 07FEB00A | 30JUN00A |
| F12Y01360 | PCS - 3rd Runway Houses (99-N) | 105* | 0* | 100 | 07FEB00A | 30JUN00A |
| F12Y01370 | PCS - 3rd Runway Houses (00-A) | 85* | 0* | 100 | 06MAR00A | 30JUN00A |
| F12Y01380 | PCS - 3rd Runway Houses (00-B) | 85* | 0* | 100 | 06MAR00A | 30JUN00A |
| 100171 TAXIWAY CONNECTS FOR 3rd RUNWAY | | | | | | |
| Ph. 1 - RW & TW Construction | | | | | | |
| Non-Allocated Cash Flow | | | | | | |
| F12M1755 | Pre 1999 Airfield Paving | 23 | 0 | 100 | 01JAN98A | 31DEC98A |
| 2000 Misc. Relocations | | | | | | |
| Design | | | | | | |
| F12M1765 | 2000 Misc. Relocations - Design | 100 | 0 | 100 | 23AUG99A | 10JAN00A |
| Construction | | | | | | |
| F12M1775 | 2000 Misc. Relocations - Construction | 200 | 0 | 100 | 10APR00A | 29DEC00A |
| 2001 Misc. Relocations | | | | | | |
| Design | | | | | | |
| F12M1785 | 2001 Misc. Relocations - Design | 100 | 0 | 100 | 29MAY00A | 16APR01A |
| Construction | | | | | | |
| F12M1795 | 2001 Misc. Relocations - Construction | 200 | 65 | 68 | 26MAR01A | 30NOV01 |
| Weyerhaeuser Site Prep | | | | | | |
| Acquisition | | | | | | |
| F12N01100 | Lease Buyout - Existing Weyerhaeuser Site | 520* | 0* | 100 | 04JAN99A | 29DEC00A |
| F12N01280 | Weyerhaeuser Site Lease Buyout Complete | 0 | 0 | 100 | | 29DEC00A |
| Design | | | | | | |
| F12N01665 | Design New Weyerhaeuser Site | 329 | 0 | 100 | 28DEC99A | 29JAN01A |
| F12N01675 | Design Complete - New Weyerhaeuser Site | 0 | 0 | 100 | | 29JAN01A |
| Ad, Bid & Award | | | | | | |
| F12N01722 | Advertise for Bids | 18 | 0 | 100 | 05FEB01A | 28FEB01A |
| F12N01720 | Submit Advertisement | 0 | 0 | 100 | | 05FEB01A |
| F12N01727 | Evaluate Bids | 9 | 0 | 100 | 01MAR01A | 12MAR01A |
| F12N01742 | Open Bids | 0 | 0 | 100 | | 28FEB01A |
| F12N01730 | Contractor submittals | 19 | 0 | 100 | 13MAR01A | 12APR01A |
| F12N01737 | Construction Contract Awarded - Whsr. Site Prep | 0 | 0 | 100 | | 12MAR01A |
| Construction | | | | | | |
| F12N01732 | NTP - Weyerhaeuser Site Prep | 0 | 0 | 100 | | 12APR01A |
| F12N01735 | New Weyerhaeuser Site Prep - Phase 1 | 52 | 0 | 100 | 13APR01A | 04JUN01A |
| F12N01795 | Weyerhaeuser Site Prep - Construction | 76* | 0* | 100 | 13APR01A | 27JUL01A |
| F12N01745 | Construction Closeout | 46 | 0 | 100 | 05JUN01A | 27JUL01A |

| Activity ID | Activity Description | Orig Dur | Rem Dur | % | Early Start | Early Finish |
|---|---|----------|---------|-----|-------------|--------------|
| Construction | | | | | | |
| F12N01785 | Site Prep Complete | 0 | 0 | 100 | | 04JUN01A |
| F12N01785 | Closeout Complete - Whsr. Site Prep | 0 | 0 | 100 | | 27JUL01A |
| Phase 2 - RW/TW Construction | | | | | | |
| Construction | | | | | | |
| F12N01276 | Phase II Taxiway Construction | 45 | 0 | 100 | 02AUG99A | 04NOV99A |
| F12N01286 | Phase II Taxiway Const. Complete | 0 | 0 | 100 | | 21OCT99A |
| CIP 100171 Summary | | | | | | |
| Design | | | | | | |
| F12N0000.2 | DESIGN | 1,379* | 844* | 26 | 16AUG99A | 25NOV04 |
| Ad, Bid & Award | | | | | | |
| F12N0000.3 | BID & AWARD | 1,070* | 920* | 0 | 05FEB01A | 11MAR05 |
| Construction | | | | | | |
| F12N0000.4 | CONSTRUCTION | 1,918* | 1,373* | 19 | 02AUG99A | 06DEC06 |
| New Airfield Electrical Facility | | | | | | |
| Design | | | | | | |
| F12N1610 | Design Vault | 500 | 410 | 18 | 16AUG99A | 28MAR03 |
| F12N1640 | Design Complete - New AF Elec. Facility | 0 | 0 | 0 | | 28MAR03 |
| Ad, Bid & Award | | | | | | |
| F12N05040 | Submit Advertisement | 0 | 0 | 0 | | 20FEB04 |
| F12N05041 | Advertise for Bids | 22 | 22 | 0 | 20FEB04 | 22MAR04 |
| F12N05061 | Bid opening | 0 | 0 | 0 | | 22MAR04 |
| F12N1620 | Evaluate Bids | 22 | 22 | 0 | 23MAR04 | 21APR04 |
| F12N1622 | Award Contract - New AF Elec. Fac | 0 | 0 | 0 | | 21APR04 |
| F12N1625 | Contractor Submittals | 22 | 22 | 0 | 22APR04 | 21MAY04 |
| Construction | | | | | | |
| F12N1627 | NTP- New AF Elec. Facility | 0 | 0 | 0 | | 21MAY04 |
| F12N1630 | Construction - Facility Work | 132 | 132 | 0 | 24MAY04 | 23NOV04 |
| F12N1690 | New Airfield Electrical Facility Construction | 346* | 346* | 0 | 24MAY04 | 19SEP05 |
| F12N1650 | Vault Construction Complete (Facility Work) | 0 | 0 | 0 | | 23NOV04 |
| F12N1660 | Construction - Electrical Work | 214 | 214 | 0 | 24NOV04 | 19SEP05 |
| F12N1680 | Electrical Vault Closeout | 44 | 44 | 0 | 20SEP05 | 18NOV05 |
| F12N1710 | New Electrical Vault Complete | 0 | 0 | 0 | | 18NOV05 |
| F12N1700 | Publish Lessons Learned - AF Elec. Fac. Constr. | 1 | 1 | 0 | 21NOV05 | 21NOV05 |
| PHASE 3 - New RW 16X734' | | | | | | |
| Design | | | | | | |
| F12N21231 | Runway Design | 1,280* | 844* | 34 | 31DEC99A | 25NOV04 |
| F12N21271 | 30% Design | 550 | 0 | 100 | 31DEC99A | 10JUL00A |
| F12N21291 | 30 % Design Complete | 0 | 0 | 100 | | 10JUL00A |





| Activity ID | Activity Description | Orig Dur | Rem Dur | % | Early Start | Early Finish |
|----------------------------|--|----------|---------|-----|-------------|--------------|
| Design | | | | | | |
| F12N21311 | 30% Design Review | 25 | 0 | 100 | 11JUL00A | 15AUG00A |
| F12N21321 | 60% Design | 600 | 390 | 35 | 16AUG00A | 28FEB03 |
| F12N21331 | 60% Design Complete | 0 | 0 | 0 | | 28FEB03 |
| F12N21341 | 60% Design Review | 25 | 25 | 0 | 03MAR03 | 04APR03 |
| F12N21351 | 90% Design | 320 | 320 | 0 | 07APR03 | 25JUN04 |
| F12N21361 | 90% Design Complete | 0 | 0 | 0 | | 25JUN04 |
| F12N21371 | 90% Design Review | 25 | 25 | 0 | 28JUN04 | 30JUL04 |
| F12N21381 | 100% Design & Final Documents | 84 | 84 | 0 | 02AUG04 | 25NOV04 |
| F12N21241 | R/W Design Complete | 0 | 0 | 0 | | 25NOV04 |
| F12N21281 | Publish Lessons Learned - New R/W 16X/34X Design | 1 | 1 | 0 | 26NOV04 | 26NOV04 |
| Ad. Bid & Award | | | | | | |
| F12N01160 | Submit Advertisement | 0 | 0 | 0 | | 26NOV04 |
| F12N01161 | Advertise | 22 | 22 | 0 | 26NOV04 | 27DEC04 |
| F12N01181 | Bid opening | 0 | 0 | 0 | | 27DEC04 |
| F12N01180 | Evaluate Bids | 22 | 22 | 0 | 11JAN05 | 09FEB05 |
| F12N21251 | New R/W Const. Contract Awarded | 0 | 0 | 0 | | 09FEB05 |
| F12N01190 | Contractor Submittals | 22 | 22 | 0 | 10FEB05 | 11MAR05 |
| Construction | | | | | | |
| F12N01200 | NTP - New R/W | 0 | 0 | 0 | | 11MAR05 |
| F12N01210 | Runway 16X/34X - Construction | 425* | 425* | 0 | 14MAR05 | 27OCT06 |
| F12N14006 | Runway Construction | 165 | 165 | 0 | 14MAR05* | 28OCT05 |
| F12N14111 | Runway Construction | 165 | 165 | 0 | 13MAR06* | 27OCT06 |
| F12N04046 | Commission Runway 16X / 34X | 10 | 10 | 0 | 23NOV06 | 06DEC06 |
| F12N21261 | R/W Construction Complete | 0 | 0 | 0 | | 06DEC06 |
| F12N21301 | Publish Lessons Learned - New R/W 16X/34X Constr | 1 | 1 | 0 | 07DEC06 | 07DEC06 |

100172 3rd RUNWAY EMBANKMENT

CIP 100172 Summary

| Design | DESIGN | 1,737* | 1,191* | 21 | 30JUL99A | 27MAR06 |
|--|--|--------|--------|----|----------|---------|
| Ad. Bid & Award | | | | | | |
| F12U1000.2 | BID & AWARD | 1,628* | 1,235* | 13 | 01MAR00A | 26MAY06 |
| Construction | | | | | | |
| F12U1000.4 | CONSTRUCTION | 1,670* | 1,345* | 9 | 05JUN00A | 27OCT06 |
| Golf Course Wetlands Mitigation | | | | | | |
| Design | | | | | | |
| F12U07011 | Design Golf Course Wetlands Mitigation | 120 | 120 | 0 | 16OCT01 | 01APR02 |
| F12U07020 | Port Review Golf Course Project | 20 | 20 | 0 | 02APR02 | 29APR02 |
| F12U07030 | Design and Review Complete | 0 | 0 | 0 | | 29APR02 |

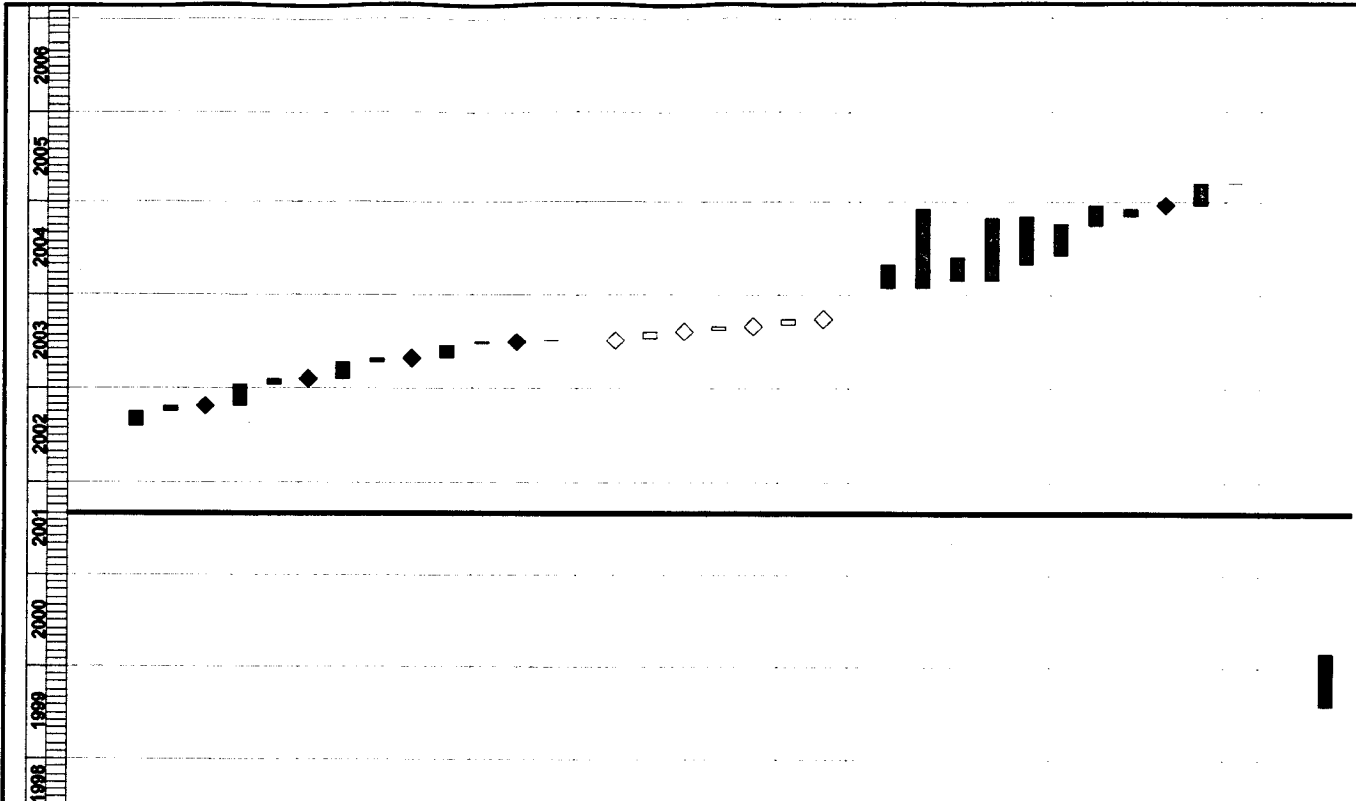
| Activity ID | Activity Description | Orig Dur | Rem Dur | % | Early Start | Early Finish |
|--|---|----------|---------|-----|-------------|--------------|
| Construction | | | | | | |
| F12U07110 | Golf Course Wetlands Mitigation | 90 | 90 | 0 | 30APR02 | 02SEP02 |
| F12U07130 | Mitigation Complete | 0 | 0 | 0 | | 02SEP02 |
| F12U07100 | Project Closeout - Golf Course Wetlands Mit. | 40 | 40 | 0 | 03SEP02 | 28OCT02 |
| F12U07120 | Project Complete | 0 | 0 | 0 | | 28OCT02 |
| Miller Creek Enhancement | | | | | | |
| Design | | | | | | |
| F12U06011 | Design Miller Creek Enhancements | 120 | 120 | 0 | 01JAN02* | 17JUN02 |
| F12U06021 | Design Complete - Miller Creek Enhancements | 0 | 0 | 0 | | 17JUN02 |
| F12U06020 | Port Review Enhancement Project | 40 | 40 | 0 | 18JUN02 | 12AUG02 |
| F12U06051 | Publish Lessons Learned - Miller Creek Design | 1 | 1 | 0 | 18JUN02 | 18JUN02 |
| Ad, Bid & Award | | | | | | |
| F12U06098 | Submit Advertisement | 0 | 0 | 0 | | 13AUG02 |
| F12U06100 | Advertise | 22 | 22 | 0 | 13AUG02 | 11SEP02 |
| F12U06120 | Bid Opening | 0 | 0 | 0 | | 11SEP02 |
| F12U06130 | Evaluate Bids | 22 | 22 | 0 | 12SEP02 | 11OCT02 |
| F12U06150 | Award Contract - Miller Creek Enhancements | 0 | 0 | 0 | | 11OCT02 |
| F12U06140 | Front End Submittals | 22 | 22 | 0 | 14OCT02 | 12NOV02 |
| Construction | | | | | | |
| F12U06180 | NTP - Miller Ck. Enhancements | 0 | 0 | 0 | | 12NOV02 |
| F12U06160 | Construct Enhancements | 240 | 240 | 0 | 13NOV02 | 14OCT03 |
| F12U06200 | Constuction Complete | 0 | 0 | 0 | | 14OCT03 |
| F12U06170 | Project Closeout | 66 | 66 | 0 | 15OCT03 | 14JAN04 |
| F12U06190 | Project Complete - Miller Creek Enhancements | 0 | 0 | 0 | | 14JAN04 |
| F12U06210 | Publish Lessons Learned - Miller Creek Constr. | 1 | 1 | 0 | 15JAN04 | 15JAN04 |
| Borrow Site 3A & 4 (SeaTac) | | | | | | |
| Program Management | | | | | | |
| F12U1000.1 | PERMITTING | 581* | 65* | 62 | 10SEP99A | 30NOV01 |
| Pre-Design/Planning | | | | | | |
| F12U03042 | Pre-Design | 66 | 43 | 35 | 01AUG01A | 31OCT01 |
| Design | | | | | | |
| F12U13016 | Final Design | 55 | 55 | 0 | 03DEC01 | 15FEB02 |
| F12U13026 | Design Complete - Borrow Sites | 0 | 0 | 0 | | 15FEB02 |
| F12U13036 | Publish Lessons Learned-Borrow Site 3A&4 Design | 1 | 1 | 0 | 18FEB02 | 18FEB02 |
| Permitting | | | | | | |
| F12U13046 | Permit Preparation | 314 | 0 | 100 | 10SEP99A | 23FEB01A |
| F12U23113 | NPDES - Borrow Sites 3 & 4 | 563 | 65 | 88 | 10SEP99A | 30NOV01 |
| F12U03048 | DNR Preapplication Meeting | 1 | 0 | 100 | 26FEB01A | 26FEB01A |
| F12U23122 | DNR Permit Application and Review. | 138 | 4 | 97 | 27FEB01A | 06SEP01 |

| Activity ID | Activity Description | Orig Dur | Rem Dur | % | Early Start | Early Finish |
|---------------------------------------|--|----------|---------|-----|-------------|--------------|
| Permitting | | | | | | |
| F12U23141 | Sea-Tac Landuse/IA Grading | 138 | 4 | 97 | 27FEB01A | 06SEP01 |
| F12U02236 | DNR Permit Issued | 0 | 0 | 0 | | 30NOV01 |
| Ad, Bid & Award | | | | | | |
| F12U13150 | Submit Advertisement | 0 | 0 | 0 | | 18FEB02 |
| F12U13151 | Advertise | 34 | 34 | 0 | 18FEB02 | 04APR02 |
| F12U13171 | Bid Opening | 0 | 0 | 0 | | 04APR02 |
| F12U13156 | Evaluate Bids | 22 | 22 | 0 | 05APR02 | 06MAY02 |
| F12U13276 | Award Contract - Borrow Sites | 0 | 0 | 0 | | 06MAY02 |
| Construction | | | | | | |
| F12U13206 | Contractor Submittals | 22 | 22 | 0 | 07MAY02 | 05JUN02 |
| F12U13286 | NTP - Borrow Sites | 0 | 0 | 0 | | 05JUN02 |
| F12U13216 | Borrow Site Const. (02) | 121 | 121 | 0 | 06JUN02 | 21NOV02 |
| F12U13246 | Continuous TESC | 1,056 | 1,056 | 0 | 06JUN02 | 22JUN06 |
| F12U13256 | Reclamation & Monitoring | 968 | 968 | 0 | 06JUN02 | 20FEB06 |
| F12U13226 | Borrow Site Const. (03) | 121 | 121 | 0 | 01MAY03* | 16OCT03 |
| F12U13316 | Borrow Site 3 & 4 - Construction | 383* | 383* | 0 | 01MAY03 | 18OCT04 |
| F12U13236 | Borrow Site Const. (04) | 121 | 121 | 0 | 03MAY04* | 18OCT04 |
| F12U13296 | Construction Complete - Borrow Site Construction | 0 | 0 | 0 | | 18OCT04 |
| F12U13266 | Borrow Site Project Complete | 0 | 0 | 0 | | 22JUN06 |
| F12U13366 | Publish Lessons Learned-Borrow Site 3A&4 Constr. | 1 | 1 | 0 | 23JUN06 | 23JUN06 |
| Phase 2 - 1999 Embankment | | | | | | |
| Construction | | | | | | |
| F12U13386 | PCS - TESC Pond Maintenance (SMWKS) | 131 | 0 | 100 | 01NOV99A | 05MAY00A |
| EMBAKMENT CONSTRUCTION | | | | | | |
| Construction | | | | | | |
| F12U20000 | 1997 Embankment Fill | 1 | 0 | 100 | 14APR97A | 19DEC97A |
| F12U13500 | Fill Material Stockpile | 474* | 0* | 100 | 06APR98A | 31DEC99A |
| F12U20010 | 1998 Embankment Fill | 1 | 0 | 100 | 13APR98A | 21DEC98A |
| F12U20020 | 1999 Embankment Fill | 1 | 0 | 100 | 16APR99A | 23DEC99A |
| Phase 3 - 2000 Embankment Fill | | | | | | |
| Design | | | | | | |
| F12U13196 | Design | 100 | 0 | 100 | 30JUL99A | 03MAR00A |
| F12U13306 | 2000 Embankment Design Complete | 0 | 0 | 100 | | 03MAR00A |
| Ad, Bid & Award | | | | | | |
| F12U13162 | Advertise Contract | 22 | 0 | 100 | 06MAR00A | 04APR00A |
| F12U13160 | Submit Advertisement | 0 | 0 | 100 | | 06MAR00A |
| F12U13164 | Open Bids | 0 | 0 | 100 | | 04APR00A |
| F12U13170 | Evaluate Bids & Award | 22 | 0 | 100 | 05APR00A | 04MAY00A |

| Activity ID | Activity Description | Orig Dur | Rem Dur | % | Early Start | Early Finish |
|---------------------------------------|--|----------|---------|-----|-------------|--------------|
| Ad, Bid & Award | | | | | | |
| F12U13165 | Construction Contract Awarded - 2000 Emb. Fill | 0 | 0 | 100 | | 04MAY00A |
| F12U13166 | Contractor Submittals | 22 | 0 | 100 | 05MAY00A | 05JUN00A |
| Construction | | | | | | |
| F12U13396 | PCS - TESC (SMWKS) | 251* | 0* | 100 | 15OCT99A | 29SEP00A |
| F12U13426 | PCS - Pilot Program - TESC Costs (SMWKS) | 153* | 0* | 100 | 01MAR00A | 29SEP00A |
| F12U13376 | PCS - Logging the Fill Area | 20 | 0 | 100 | 15MAY00A | 02JUN00A |
| F12U13416 | PCS - Haul Rd. Perimeter Rd. to 12th - (SMWKS) | 120 | 0 | 100 | 01JUN00A | 15NOV00A |
| F12U10206 | Site Prep/TESC | 66 | 0 | 100 | 05JUN00A | 04SEP00A |
| F12U13326 | NTP - 2000 Embankment | 0 | 0 | 100 | | 05JUN00A |
| F12U00122 | Place Type I Fill Material | 20 | 0 | 100 | 19JUN00A | 14JUL00A |
| F12U13346 | 2000 Embankment Construction | 183* | 0* | 100 | 19JUN00A | 28FEB01A |
| F12U00410 | Place Type II fill Material | 55 | 0 | 100 | 17JUL00A | 13OCT00A |
| F12U07021 | Slope Protection | 55 | 0 | 100 | 05SEP00A | 20NOV00A |
| F12U20211 | TESC Maintenance | 100 | 0 | 100 | 05SEP00A | 26FEB01A |
| F12U00565 | Place Type I Fill Material | 20 | 0 | 100 | 16OCT00A | 10NOV00A |
| F12U00575 | Change Order for More Fill Material | 75 | 0 | 100 | 13NOV00A | 28FEB01A |
| F12U13336 | 2000 Embankment Const. Complete | 0 | 0 | 100 | | 28FEB01A |
| F12U13356 | 2000 Embankment Closeout | 66 | 0 | 100 | 01MAR01A | 31MAY01A |
| Phase 4 - 2001 Embankment Fill | | | | | | |
| Design | | | | | | |
| F12U290 | Phase 4 - Embankment Design | 200 | 0 | 100 | 27DEC99A | 26JAN01A |
| F12U480 | Complete Design - 2001 Emb. Fill | 0 | 0 | 100 | | 26JAN01A |
| Ad, Bid & Award | | | | | | |
| F12U280 | Advertise Contract | 23 | 0 | 100 | 29JAN01A | 14MAR01A |
| F12U278 | Submit Advertisement | 0 | 0 | 100 | | 29JAN01A |
| F12U190 | Evaluate Bids | 15 | 0 | 100 | 15MAR01A | 10MAY01A |
| F12U400 | Bid Opening | 0 | 0 | 100 | | 14MAR01A |
| F12U180 | Contractor Submittals / PLA | 29 | 0 | 100 | 02APR01A | 14MAY01A |
| F12U710 | Construction Contract Awarded - 2001 Emb Fill | 0 | 0 | 100 | | 10MAY01A |
| Construction | | | | | | |
| F12U650 | 2001 - 2004 PCS Embankment Fill Work | 1,015* | 860* | 15 | 29JAN01A | 17DEC04 |
| F12U110 | Site Prep/TESC | 5 | 0 | 100 | 11MAY01A | 14MAY01A |
| F12U720 | Issue NTP - 2001 Emb Fill | 0 | 0 | 100 | | 11MAY01A |
| F12U200 | 2001 Embankment Construction | 209* | 130* | 38 | 15MAY01A | 01MAR02 |
| F12U800 | Place Type I Fill Material | 30 | 0 | 100 | 15MAY01A | 15JUN01A |
| F12U120 | TESC Maintenance | 150 | 76 | 49 | 22MAY01A | 17DEC01 |
| F12U140 | Place Type II fill Material | 75 | 20 | 73 | 18JUN01A | 28SEP01 |

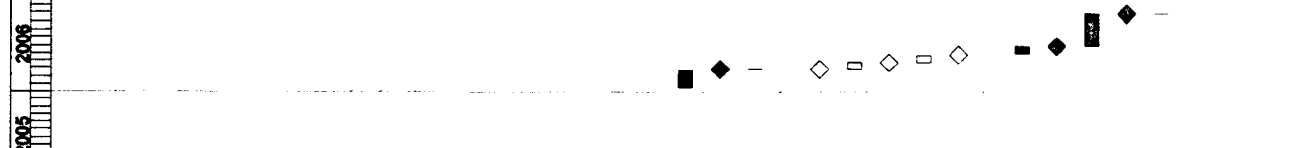
| Activity ID | Activity Description | Orig Dur | Rem Dur | % | Early Start | Early Finish |
|---------------------------------------|--|----------|---------|-----|-------------|--------------|
| Construction | | | | | | |
| F12U150 | Place Type I Fill Material | 100 | 100 | 0 | 01OCT01 | 15FEB02 |
| F12U170 | Slope Protection | 55 | 55 | 0 | 17DEC01 | 01MAR02 |
| F12U530 | 2001 Embankment Constr. Complete | 0 | 0 | 0 | | 01MAR02 |
| F12U590 | Publish Lessons Learned - 2001 Emb. Fill Constr. | 1 | 1 | 0 | 04MAR02 | 04MAR02 |
| Phase 5 - 2002 Embankment Fill | | | | | | |
| Design | | | | | | |
| F12U500 | 60% Design | 105 | 0 | 100 | 22JAN01A | 11MAY01A |
| F12U560 | 2002 - 2004 Embankment Design | 205* | 45* | 78 | 22JAN01A | 02NOV01 |
| F12U505 | Complete 60% Design | 0 | 0 | 100 | | 11MAY01A |
| F12U510 | 90% Design | 98 | 0 | 100 | 14MAY01A | 31AUG01A |
| F12U515 | 60% Design Review | 10 | 0 | 100 | 14MAY01A | 08JUN01A |
| F12U520 | Complete 90% Design | 0 | 0 | 100 | | 31AUG01A |
| F12U525 | 100% Design | 63 | 63 | 0 | 01SEP01 | 02NOV01 |
| F12U700 | 90% Design Review | 10 | 10 | 0 | 01SEP01 | 10SEP01 |
| F12U535 | Contract Strategy Decision | 0 | 0 | 0 | | 10SEP01 |
| F12U705 | Complete 100% Design | 0 | 0 | 0 | | 02NOV01 |
| F12U545 | Final Design Review | 10 | 10 | 0 | 03NOV01 | 12NOV01 |
| F12U1000 | Document Preparation & Printing | 19 | 19 | 0 | 13NOV01 | 01DEC01 |
| Ad, Bid & Award | | | | | | |
| F12U905 | Pre-Advertisement Notice | 1 | 1 | 0 | 03NOV01 | 03NOV01 |
| F12U910 | Submit Advertisement | 0 | 0 | 0 | | 01DEC01 |
| F12U915 | Advertise | 42 | 42 | 0 | 02DEC01 | 12JAN02 |
| F12U920 | Bid Opening | 0 | 0 | 0 | | 12JAN02 |
| F12U925 | Evaluate Bids | 28 | 28 | 0 | 13JAN02 | 09FEB02 |
| F12U930 | Contract Awarded | 0 | 0 | 0 | | 09FEB02 |
| F12U935 | Contractor Submittals | 44 | 44 | 0 | 10FEB02 | 25MAR02 |
| F12U940 | Issue NTP | 0 | 0 | 0 | | 25MAR02 |
| Construction | | | | | | |
| F12U210 | Site Prep/TESC | 66 | 66 | 0 | 26MAR02 | 25JUN02 |
| F12U300 | 2002 Embankment Construction | 230* | 230* | 0 | 26MAR02 | 10FEB03 |
| F12U380 | 2002 - 2004 Embankment Construction | 704* | 704* | 0 | 26MAR02 | 03DEC04 |
| F12U230 | Place Type I Fill Material | 66 | 66 | 0 | 25APR02 | 25JUL02 |
| F12U260 | Construct Miller Ck. Retaining Wall | 174 | 174 | 0 | 25APR02 | 24DEC02 |
| F12U220 | TESC Maintenance | 132 | 132 | 0 | 26JUN02 | 26DEC02 |
| F12U240 | Place Type II fill Material | 88 | 88 | 0 | 26JUL02 | 26NOV02 |
| F12U270 | Slope Protection | 55 | 55 | 0 | 26NOV02 | 10FEB03 |
| F12U250 | Place Type I Fill Material | 22 | 22 | 0 | 27DEC02 | 27JAN03 |

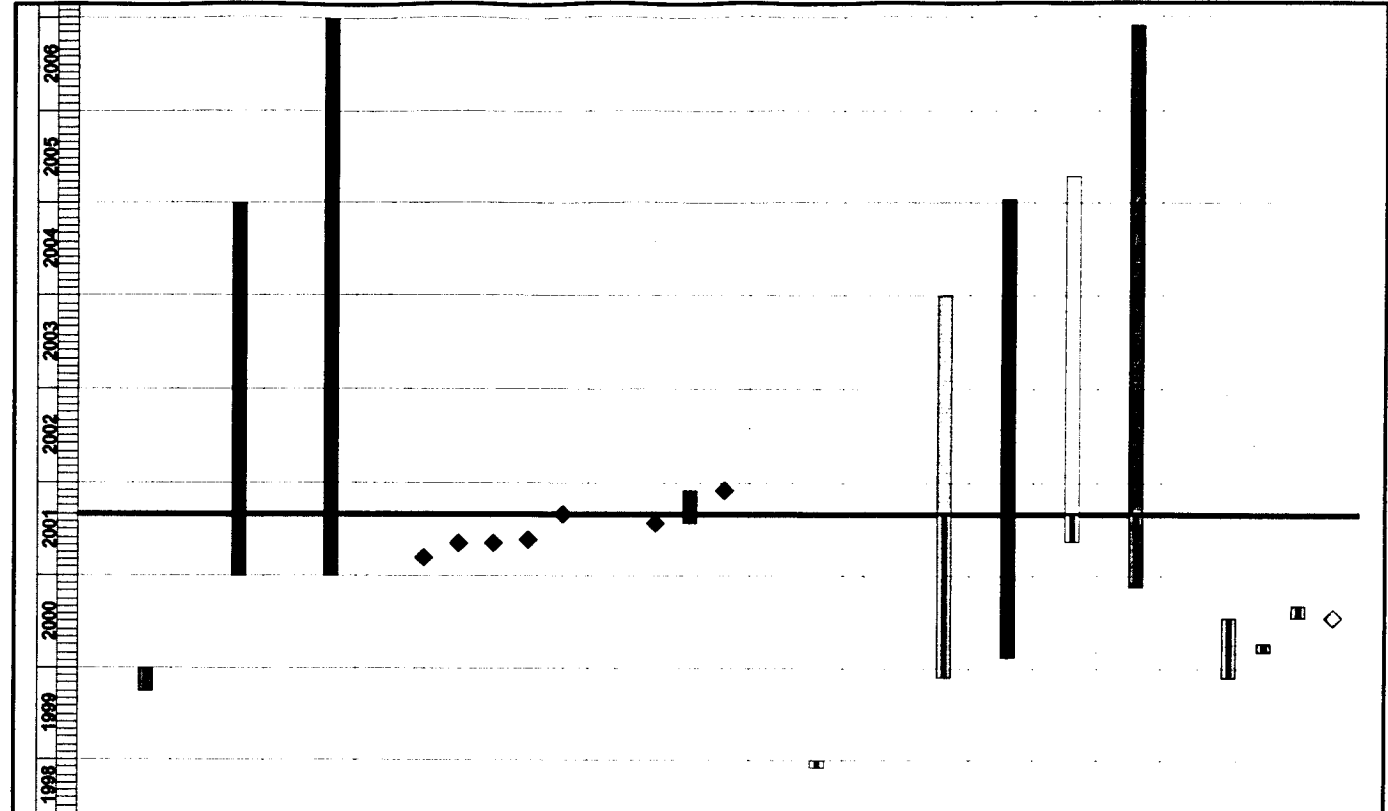
| Activity ID | Activity Description | Orig Dur | Rem Dur | % | Early Start | Early Finish |
|---------------------------------------|--|----------|---------|---|-------------|--------------|
| Construction | | | | | | |
| F12U680 | 2002 Embankment Fill Construction Complete | 0 | 0 | 0 | | 10FEB03 |
| F12U810 | Publish Lessons Learned - 2002 Emb. Fill Constr. | 1 | 1 | 0 | 11FEB03 | 11FEB03 |
| Phase 5 - 2003 Embankment Fill | | | | | | |
| Design | | | | | | |
| F12U970 | 30% Design | 45 | 45 | 0 | 03SEP01 | 02NOV01 |
| F12U990 | 30% Design Review | 15 | 15 | 0 | 05NOV01 | 23NOV01 |
| F12U1010 | 30% Design Complete - 2003 Embankment | 0 | 0 | 0 | | 23NOV01 |
| F12U1020 | 60% Design | 60 | 60 | 0 | 26NOV01 | 15FEB02 |
| F12U1030 | 60% Design Review | 15 | 15 | 0 | 18FEB02 | 08MAR02 |
| F12U1040 | 60% Design Complete - 2003 Embankment | 0 | 0 | 0 | | 08MAR02 |
| F12U1050 | 90% Design | 45 | 45 | 0 | 11MAR02 | 10MAY02 |
| F12U1060 | 90% Design Review | 10 | 10 | 0 | 13MAY02 | 24MAY02 |
| F12U1070 | 90% Design Complete - 2003 Embankment | 0 | 0 | 0 | | 24MAY02 |
| F12U1080 | Final Design | 40 | 40 | 0 | 27MAY02 | 19JUL02 |
| F12U1090 | Final Design Review | 10 | 10 | 0 | 22JUL02 | 02AUG02 |
| F12U1100 | Final Design Complete - 2003 Embankment | 0 | 0 | 0 | | 02AUG02 |
| F12U1110 | Document Prep & Printing | 5 | 5 | 0 | 05AUG02 | 09AUG02 |
| Ad, Bid & Award | | | | | | |
| F12U1120 | Submit Advertisement | 0 | 0 | 0 | | 09AUG02 |
| F12U1130 | Advertise | 25 | 25 | 0 | 12AUG02 | 13SEP02 |
| F12U1140 | Open Bids | 0 | 0 | 0 | | 13SEP02 |
| F12U1150 | Evaluate Bids | 15 | 15 | 0 | 16SEP02 | 04OCT02 |
| F12U1160 | Award Contract | 0 | 0 | 0 | | 04OCT02 |
| F12U1170 | Pre-Construction Submittals | 20 | 20 | 0 | 07OCT02 | 01NOV02 |
| F12U1180 | Issue NTP | 0 | 0 | 0 | | 01NOV02 |
| Construction | | | | | | |
| F12U310 | Site Prep/TESC | 66 | 66 | 0 | 12FEB03 | 14MAY03 |
| F12U770 | 2003 Embankment Construction | 220* | 220* | 0 | 12FEB03 | 16DEC03 |
| F12U330 | Place Type I Fill Material | 66 | 66 | 0 | 14MAR03 | 13JUN03 |
| F12U360 | Construct Miller Ck. Retaining Wall | 174 | 174 | 0 | 14MAR03 | 12NOV03 |
| F12U320 | TESC Maintenance | 132 | 132 | 0 | 15MAY03 | 14NOV03 |
| F12U340 | Place Type II fill Material | 88 | 88 | 0 | 16JUN03 | 15OCT03 |
| F12U370 | Slope Protection | 55 | 55 | 0 | 15OCT03 | 30DEC03 |
| F12U350 | Place Type I Fill Material | 22 | 22 | 0 | 17NOV03* | 16DEC03 |
| F12U820 | 2003 Embankment Fill Construction Complete | 0 | 0 | 0 | | 30DEC03 |
| F12U900 | Publish Lessons Learned - 2003 Emb. Fill Constr. | 1 | 1 | 0 | 31DEC03 | 31DEC03 |



| Activity ID | Activity Description | Orig Dur | Rem Dur | % | Early Start | Early Finish |
|---------------------------------------|--|----------|---------|-----|-------------|--------------|
| Phase 5 - 2004 Embankment Fill | | | | | | |
| Design | | | | | | |
| F12U1200 | 30% Design | 45 | 45 | 0 | 05AUG02 | 04OCT02 |
| F12U1210 | 30% Design Review | 15 | 15 | 0 | 07OCT02 | 25OCT02 |
| F12U1220 | 30% Design Complete - 2004 Embankment | 0 | 0 | 0 | | 25OCT02 |
| F12U1230 | 60% Design | 60 | 60 | 0 | 28OCT02 | 17JAN03 |
| F12U1240 | 60% Design Review | 15 | 15 | 0 | 20JAN03 | 07FEB03 |
| F12U1250 | 60% Design Complete - 2004 Embankment | 0 | 0 | 0 | | 07FEB03 |
| F12U1260 | 90% Design | 45 | 45 | 0 | 10FEB03 | 11APR03 |
| F12U1270 | 90% Design Review | 10 | 10 | 0 | 14APR03 | 25APR03 |
| F12U1280 | 90% Design Complete - 2004 Embankment | 0 | 0 | 0 | | 25APR03 |
| F12U1290 | Final Design | 40 | 40 | 0 | 28APR03 | 20JUN03 |
| F12U1300 | Final Design Review | 10 | 10 | 0 | 23JUN03 | 04JUL03 |
| F12U1310 | Final Design Complete - 2004 Embankment | 0 | 0 | 0 | | 04JUL03 |
| F12U1320 | Document Prep & Printing | 5 | 5 | 0 | 07JUL03 | 11JUL03 |
| Ad, Bid & Award | | | | | | |
| F12U1330 | Submit Advertisement | 0 | 0 | 0 | | 11JUL03 |
| F12U1340 | Advertise | 25 | 25 | 0 | 14JUL03 | 15AUG03 |
| F12U1350 | Open Bids | 0 | 0 | 0 | | 15AUG03 |
| F12U1360 | Evaluate Bids | 15 | 15 | 0 | 18AUG03 | 05SEP03 |
| F12U1370 | Award Contract | 0 | 0 | 0 | | 05SEP03 |
| F12U1380 | Pre-Construction Submittals | 20 | 20 | 0 | 08SEP03 | 03OCT03 |
| F12U1390 | Issue NTP | 0 | 0 | 0 | | 03OCT03 |
| Construction | | | | | | |
| F12U410 | Site Prep/TESC | 66 | 66 | 0 | 02FEB04* | 03MAY04 |
| F12U780 | 2004 Embankment Construction | 220* | 220* | 0 | 02FEB04 | 03DEC04 |
| F12U430 | Place Type I Fill Material | 66 | 66 | 0 | 03MAR04 | 02JUN04 |
| F12U460 | Construct Miller Ck. Retaining Wall | 174 | 174 | 0 | 03MAR04 | 01NOV04 |
| F12U420 | TESC Maintenance | 132 | 132 | 0 | 04MAY04 | 03NOV04 |
| F12U440 | Place Type II fill Material | 88 | 88 | 0 | 07JUN04* | 06OCT04 |
| F12U470 | Slope Protection | 55 | 55 | 0 | 04OCT04 | 17DEC04 |
| F12U450 | Place Type I Fill Material | 22 | 22 | 0 | 04NOV04 | 03DEC04 |
| F12U730 | 2004 Embankment Construction Complete | 0 | 0 | 0 | | 17DEC04 |
| F12U790 | 2004 Embankment Closeout | 66 | 66 | 0 | 20DEC04 | 21MAR05 |
| F12U840 | Publish Lessons Learned - 2004 Emb. Fill Constr. | 1 | 1 | 0 | 22MAR05 | 22MAR05 |
| SR-509 Interchange | | | | | | |
| Design | | | | | | |
| F12U540 | Complete Interchange Design | 132 | 0 | 100 | 02AUG99A | 29FEB00A |

| Activity ID | Activity Description | Orig Dur | Rem Dur | % | Early Start | Early Finish |
|--------------------------------------|---|----------|---------|-----|-------------|--------------|
| Design | | | | | | |
| F12U670 | Design Complete - SR-509 Interchange | 0 | 0 | 100 | | 29FEB00A |
| Permitting | | | | | | |
| F12U550 | Finalize Interchange Agreement | 77 | 0 | 100 | 02AUG99A | 17FEB00A |
| Ad, Bid & Award | | | | | | |
| F12U6100 | Advertise | 20 | 0 | 100 | 01MAR00A | 30MAR00A |
| F12U6098 | Submit Advertisement | 0 | 0 | 100 | | 01MAR00A |
| F12U6110 | Open Bids | 0 | 0 | 100 | | 30MAR00A |
| F12U6200 | Evaluate Bids | 22 | 0 | 100 | 31MAR00A | 27APR00A |
| F12U6250 | Construction Contract Awarded - SR-509 Inter. | 0 | 0 | 100 | | 27APR00A |
| F12U6300 | Contractor Submittals | 22 | 0 | 100 | 28APR00A | 18AUG00A |
| Construction | | | | | | |
| F12U6360 | PCS - TESC Work | 15 | 0 | 100 | 27MAR00A | 21APR00A |
| F12U6400 | Construct 509 Interchange | 69 | 25 | 64 | 04JUN01A | 05OCT01 |
| F12U6350 | NTP - SR-509 Interchange | 0 | 0 | 100 | | 04JUN01A |
| F12U7000 | Construction Complete - SR-509 Interchange | 0 | 0 | 0 | | 05OCT01 |
| F12U7020 | Publish Lessons Learned - SR-509 Inter. Constr. | 1 | 1 | 0 | 08OCT01 | 08OCT01 |
| SR-509 Interchange Demolition | | | | | | |
| Design | | | | | | |
| F12U640 | Prepare Demolition Design and Const. Docs. | 44 | 44 | 0 | 25JAN06 | 27MAR06 |
| F12U690 | Design Complete | 0 | 0 | 0 | | 27MAR06 |
| F12U870 | Publish Lessons Learned - SR-509 Demo Design | 1 | 1 | 0 | 29MAR06 | 29MAR06 |
| Ad, Bid & Award | | | | | | |
| F12U628 | Submit Advertisement | 0 | 0 | 0 | | 28MAR06 |
| F12U630 | Advertise | 22 | 22 | 0 | 28MAR06 | 26APR06 |
| F12U660 | Bid Opening | 0 | 0 | 0 | | 26APR06 |
| F12U620 | Evaluate Bids | 22 | 22 | 0 | 27APR06 | 26MAY06 |
| F12U740 | Award Contract - SR-509 Demo | 0 | 0 | 0 | | 26MAY06 |
| Construction | | | | | | |
| F12U610 | Contractor Submittals | 22 | 22 | 0 | 29MAY06 | 27JUN06 |
| F12U750 | NTP issued - SR-509 Interchange Demolition | 0 | 0 | 0 | | 27JUN06 |
| F12U600 | Remove Temporary SR-509 Interchange | 88 | 88 | 0 | 28JUN06 | 27OCT06 |
| F12U760 | Temp SR-509 Interchange Demo Complete | 0 | 0 | 0 | | 27OCT06 |
| F12U890 | Publish Lessons Learned - SR-509 Demo Constr. | 1 | 1 | 0 | 30OCT06 | 30OCT06 |
| Behm Garden | | | | | | |
| Construction | | | | | | |
| F12U950 | Behm Garden | 540 | 0 | 100 | 04JAN99A | 26JAN01A |
| F12U960 | Vacate Property | 0 | 0 | 100 | | 03JUL00A |





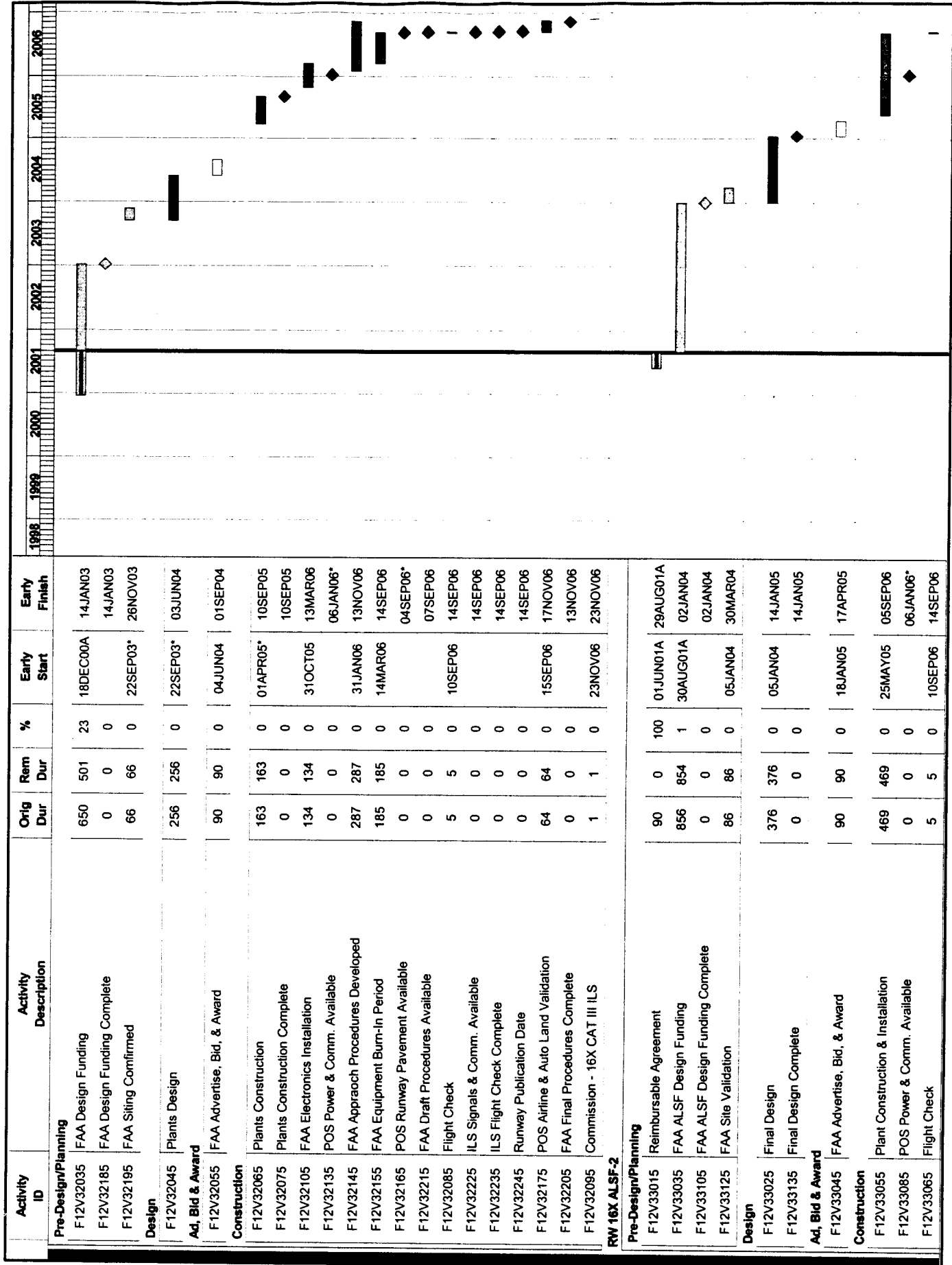
| Activity ID | Activity Description | Orig Dur | Rem Dur | % | Early Start | Early Finish |
|---------------------------------------|--|----------|---------|-----|-------------|--------------|
| TESC Research Facilities | | | | | | |
| Construction | | | | | | |
| F12U980 | TESC Research Facilities | 44 | 0 | 100 | 30SEP99A | 31DEC99A |
| 3rd Runway Art Program | | | | | | |
| Design | | | | | | |
| F12U2500 | 3rd Runway Art Program | 1,044* | 870* | 17 | 02JAN01A | 31DEC04 |
| 3rd Runway Landscaping Program | | | | | | |
| Design | | | | | | |
| F12U2600 | 3rd Runway Landscaping Program | 1,564* | 1,390* | 11 | 02JAN01A | 29DEC06 |
| Embankment Wall Art | | | | | | |
| Design | | | | | | |
| F12N01310 | Artist Presentation of Initial Concept | 0 | 0 | 100 | | 08MAR01A |
| F12N01320 | Approval of Concept by Art Oversight Committee | 0 | 0 | 100 | | 09MAY01A |
| F12N01350 | Wall Art Preliminary Design Complete | 0 | 0 | 100 | | 09MAY01A |
| F12N01330 | Presentation to Commission/Sr. Management | 0 | 0 | 100 | | 22MAY01A |
| F12N01340 | Art Design Complete | 0 | 0 | 0 | | 31AUG01* |
| Street Vacation Payments | | | | | | |
| Design | | | | | | |
| F12N01360 | Phase 5 Street Vacations | 0 | 0 | 100 | | 26JUL01A |
| F12N01370 | Phase 6 Street Vacation (Borrow Sites) | 93 | 65 | 30 | 27JUL01A | 30NOV01 |
| F12N01380 | Ph. 6 Street Vacations (Borrow Sites) Complete | 0 | 0 | 0 | | 30NOV01 |
| Non-Allocated Cash Flow | | | | | | |
| F12T06031 | Pre 1999 Embankment | 23 | 0 | 100 | 01DEC98A | 31DEC98A |
| 100177 FAA & NAVAIDS | | | | | | |
| CIP 100177 Summary | | | | | | |
| Pre-Design/Planning | | | | | | |
| F12V3000.1 | PRE-DESIGN | 1,071* | 610* | 23 | 26NOV99A | 02JAN04 |
| Design | | | | | | |
| F12V3000.2 | DESIGN | 1,284* | 880* | 38 | 15FEB00A | 14JAN05 |
| Ad, Bid & Award | | | | | | |
| F12V3000.3 | BID & AWARD | 1,024* | 945* | 0 | 15MAY01A | 15APR05 |
| Construction | | | | | | |
| F12V3000.4 | CONSTRUCTION | 1,573* | 1,364* | 0 | 14NOV00A | 23NOV06 |
| ASR 9/Mode S Bascon Relocation | | | | | | |
| Pre-Design/Planning | | | | | | |
| F12V23107 | General Review Siting Study | 111 | 0 | 100 | 26NOV99A | 19JUL00A |
| F12V13116 | Design Reimbursable Agreement | 30 | 0 | 100 | 08MAR00A | 12APR00A |
| F12V13166 | POS 10% Plants Design | 51 | 0 | 100 | 20JUL00A | 08SEP00A |
| F12V23117 | FAA Site Confirmation | 0 | 0 | 100 | | 19JUL00A |

| Activity ID | Activity Description | Orig Dur | Rem Dur | % | Early Start | Early Finish |
|----------------------------|-----------------------------------|----------|---------|-----|-------------|--------------|
| Pre-Design/Planning | | | | | | |
| F12V13176 | FAA Plans Review | 30 | 0 | 100 | 11SEP00A | 10OCT00A |
| F12V13146 | FAA Approval of Design Concept | 0 | 0 | 100 | | 19SEP00A |
| F12V13156 | FAA Configuration Change Appr. | 0 | 0 | 100 | | 24NOV00A |
| Design | | | | | | |
| F12V03371 | ASR 9 Relocation Design | 461* | 0* | 100 | 26NOV99A | 31AUG01A |
| F12V13105 | POS 30% Site Civil Design | 26 | 0 | 100 | 20SEP00A | 15OCT00A |
| F12V13316 | POS 30% Facility Design | 35 | 0 | 100 | 11OCT00A | 14NOV00A |
| F12V13186 | FAA Site Civil Review | 30 | 0 | 100 | 16OCT00A | 14NOV00A |
| F12V13196 | POS 60% Site Civil Design | 30 | 0 | 100 | 06NOV00A | 05DEC00A |
| F12V03350 | FAA Facility Review | 30 | 0 | 100 | 15NOV00A | 14DEC00A |
| F12V13206 | FAA Site Civil Review | 30 | 0 | 100 | 06DEC00A | 04JAN01A |
| F12V13326 | POS 60% Facility Review | 41 | 0 | 100 | 15DEC00A | 24JAN01A |
| F12V13216 | POS 90% Site Civil Design | 30 | 0 | 100 | 05JAN01A | 03FEB01A |
| F12V13336 | FAA Facility Review | 49 | 0 | 100 | 25JAN01A | 14MAR01A |
| F12V13226 | FAA Site Civil Review | 30 | 0 | 100 | 05FEB01A | 06MAR01A |
| F12V13236 | POS 100% Site Civil Design | 31 | 0 | 100 | 09APR01A | 09MAY01A |
| F12V13346 | POS 90% Facility Design | 50 | 0 | 100 | 13APR01A | 01JUN01A |
| F12V13246 | Site Civil Design Complete | 0 | 0 | 100 | | 09MAY01A |
| F12V13356 | FAA Facility Review | 30 | 0 | 100 | 04JUN01A | 03JUL01A |
| F12V13366 | POS 100% Facility Design | 28 | 0 | 100 | 05JUL01A | 01AUG01A |
| F12V13376 | FAA Final Review & Approval | 30 | 0 | 100 | 02AUG01A | 31AUG01A |
| F12V03361 | Design Complete - ASR9 Relocation | 0 | 0 | 100 | | 31AUG01A |
| Ad, Bid & Award | | | | | | |
| F12V13266 | Advertise | 30 | 0 | 100 | 15MAY01A | 13JUN01A |
| F12V13256 | Submit Advertisement | 0 | 0 | 100 | | 15MAY01A |
| F12V13276 | Open Bids | 0 | 0 | 100 | | 13JUN01A |
| F12V13286 | Evaluate Bids | 15 | 0 | 100 | 14JUN01A | 28JUN01A |
| F12V13296 | Award Contract | 0 | 0 | 100 | | 28JUN01A |
| F12V13306 | Contractor Submittals | 15 | 0 | 100 | 28JUN01A | 13JUL01A |
| F12V04200 | Submit Advertisement | 0 | 0 | 0 | | 10SEP01* |
| F12V04201 | Advertise for Bids | 30 | 30 | 0 | 10SEP01 | 09OCT01 |
| F12V04341 | Open Bids | 0 | 0 | 0 | | 09OCT01 |
| F12V04221 | Evaluate Bids | 15 | 15 | 0 | 10OCT01 | 24OCT01 |
| F12V04241 | Award Contract - ASR9 Relocation | 0 | 0 | 0 | | 24OCT01 |
| F12V04231 | Contractor Submittals | 15 | 15 | 0 | 25OCT01 | 08NOV01 |
| Construction | | | | | | |
| F12V04301 | Site Work and Construct Tower | 110 | 63 | 43 | 16JUL01A | 02NOV01 |

| Activity ID | Activity Description | Orig Dur | Rem Dur | % | Early Start | Early Finish |
|----------------------------------|----------------------------------|----------|---------|-----|-------------|--------------|
| Construction | | | | | | |
| F12V04330 | ASR 9 Relocation Construction | 677* | 630* | 7 | 16JUL01A | 23MAY03 |
| F12V04261 | NTP Issued - ASR9 Relocation | 0 | 0 | 100 | | 16JUL01A |
| F12V04351 | Issue NTP | 0 | 0 | 0 | | 12NOV01 |
| F12V04381 | POS Facility Construction | 256 | 256 | 0 | 12NOV01 | 25JUL02 |
| F12V04320 | POS/FAA JAI | 12 | 12 | 0 | 25JUL02 | 05AUG02 |
| Owner Activation/Start-up | | | | | | |
| F12V043215 | POS Power Available | 0 | 0 | 0 | | 06AUG02* |
| F12V043231 | FAA Elect. Install & Testing | 290 | 290 | 0 | 06AUG02 | 22MAY03 |
| F12V043221 | POS Comm. Conduits Available | 0 | 0 | 0 | | 01OCT02* |
| F12V043241 | FAA Commission Relocated ASR | 0 | 0 | 0 | | 23MAY03 |
| F12V043261 | Decommission/Demo Old ASR Site | 83 | 83 | 0 | 24MAY03 | 14AUG03 |
| F12V043251 | Site Available to POS | 0 | 0 | 0 | | 14AUG03* |
| ASDE RELOCATION | | | | | | |
| Pre-Design/Planning | | | | | | |
| F12V05121 | FAA Site Re-evaluation Report | 240 | 0 | 100 | 28MAR00A | 22NOV00A |
| F12V05131 | FAA Report Complete | 0 | 0 | 100 | | 22NOV00A |
| F12V05161 | POS Coord. on Draft Report | 344 | 62 | 82 | 23NOV00A | 01NOV01 |
| F12V05171 | FAA Final Site Determination | 304 | 62 | 80 | 02JAN01A | 01NOV01 |
| F12V05181 | FAA ASDE Site Approved | 0 | 0 | 0 | | 01NOV01 |
| Design | | | | | | |
| F12V05021 | FAA Reimbursable for Design | 60 | 0 | 100 | 02OCT00A | 22DEC00A |
| F12V05031 | POS Plants Design | 365 | 365 | 0 | 01NOV01 | 31OCT02 |
| F12V05041 | Design Complete | 0 | 0 | 0 | | 31OCT02 |
| Ad, Bid & Award | | | | | | |
| F12V5200 | Submit Advertisement | 0 | 0 | 0 | | 01NOV02 |
| F12V5210 | Advertise | 30 | 30 | 0 | 01NOV02 | 30NOV02 |
| F12V5220 | Open Bids | 0 | 0 | 0 | | 30NOV02 |
| F12V5230 | Evaluate Bids | 30 | 30 | 0 | 01DEC02 | 30DEC02 |
| F12V5240 | Award Contract - ASDE Relocation | 0 | 0 | 0 | | 30DEC02 |
| F12V5250 | Contractor Submittals | 30 | 30 | 0 | 31DEC02 | 29JAN03 |
| F12V5260 | NTP Issued - ASDE Relocation | 0 | 0 | 0 | | 29JAN03 |
| Construction | | | | | | |
| F12V05061 | Construction Reimbursable | 90 | 90 | 0 | 01NOV02 | 29JAN03 |
| F12V05040 | POS Plants Construction | 411 | 411 | 0 | 30JAN03 | 15MAR04 |
| F12V05111 | POS Plants Construction Complete | 0 | 0 | 0 | | 15MAR04 |
| F12V05050 | POS Comm. Available | 0 | 0 | 0 | | 01APR04* |
| F12V05060 | POS Power Available | 0 | 0 | 0 | | 17JUN04* |

| Activity ID | Activity Description | Orig Dur | Rem Dur | % | Early Start | Early Finish |
|--|---|----------|---------|-----|-------------|--------------|
| Owner Activation/Start-up | | | | | | |
| F12V05101 | FAA Relocate ASDE | 144 | 144 | 0 | 05MAY04 | 25SEP04 |
| F12V05141 | FAA Decommission ASDE | 0 | 0 | 0 | | 05MAY04* |
| F12V05151 | Site Available to POS | 0 | 0 | 0 | | 05JUN04 |
| F12V05081 | Demo Existing ASDE Facility | 165 | 165 | 0 | 06JUN04 | 17NOV04 |
| F12V05056 | Commissioning - ASDE | 0 | 0 | 0 | | 25SEP04 |
| F12V05091 | Old ASDE Site available for Emb | 0 | 0 | 0 | | 17NOV04 |
| RW 34X CAT I ILS | | | | | | |
| Pre-Design/Planning | | | | | | |
| F12V31105 | Pre-Design | 60 | 0 | 100 | 03JUL00A | 22SEP00A |
| F12V31110 | Reimbursable Agreement | 60 | 0 | 100 | 25SEP00A | 15DEC00A |
| F12V31115 | FAA Design Funding | 1,000 | 866 | 13 | 18DEC00A | 14JAN04 |
| F12V31325 | FAA Design Funding Complete | 0 | 0 | 0 | | 14JAN04 |
| Design | | | | | | |
| F12V31160 | Siling Confirmation | 61 | 61 | 0 | 22MAR04* | 21MAY04 |
| F12V31120 | POS Plants Design | 248 | 248 | 0 | 24MAY04 | 26JAN05 |
| F12V31220 | POS Plants Design Complete | 0 | 0 | 0 | | 27JAN05 |
| Ad, Bid & Award | | | | | | |
| F12V31125 | Advertise, Bid, & Award | 90 | 90 | 0 | 30JAN05 | 29APR05 |
| Construction | | | | | | |
| F12V31130 | POS Plants Construction | 155 | 155 | 0 | 02MAY05 | 03OCT05 |
| F12V31200 | Plants Construction Complete | 0 | 0 | 0 | | 03OCT05 |
| F12V31180 | POS Power & Comm. Available | 0 | 0 | 0 | | 06JAN06* |
| F12V31210 | FAA Electronics Installation | 123 | 123 | 0 | 01MAY06* | 31AUG06 |
| F12V31168 | FAA Draft Procedures Available | 0 | 0 | 0 | | 07SEP06 |
| F12V31140 | Flight Check | 5 | 5 | 0 | 10SEP06 | 14SEP06 |
| F12V31240 | FAA Equip. Burn-In Period (Cat I) | 31 | 31 | 0 | 13SEP06 | 13OCT06 |
| F12V31230 | ILS Flight Check Complete | 0 | 0 | 0 | | 14SEP06 |
| F12V31150 | Commission - 34X CAT I ILS | 1 | 1 | 0 | 23NOV06 | 23NOV06 |
| RW 16L ALSF 2 & ILS Upgrade | | | | | | |
| Design | | | | | | |
| F12V31145 | FAA ALSF Infrastructure Design | 460 | 126 | 73 | 02OCT00A | 04JAN02 |
| F12V31135 | FAA ALSF Design Funding | 0 | 0 | 100 | | 07JAN01A |
| F12V31155 | FAA ALSF Infrastructure Design Complete | 0 | 0 | 0 | | 05JAN02 |
| F12V31165 | FAA ALSF Ph. 1 Const. Funding | 0 | 0 | 0 | | 07JAN02 |
| F12V31235 | FAA ILS Upgrade Design Complete | 0 | 0 | 0 | | 27MAR02* |
| F12V31185 | FAA ALSF Ph. 2 Const. Funding | 0 | 0 | 0 | | 01JAN03* |
| Ad, Bid & Award | | | | | | |
| F12V31175 | FAA ALSF Advertise, Bid, & Award | 90 | 90 | 0 | 13FEB02* | 13MAY02 |

| Activity ID | Activity Description | Orig Dur | Rem Dur | % | Early Start | Early Finish |
|----------------------------------|---------------------------------------|----------|---------|-----|-------------|--------------|
| Ad, Bid & Award | | | | | | |
| F12V31245 | FAA ILS Advertise, Bid, & Award | 63 | 63 | 0 | 28MAR02 | 29MAY02 |
| Construction | | | | | | |
| F12V31195 | FAAA ALSF Construction / Installation | 464 | 464 | 0 | 15MAY02 | 21AUG03 |
| F12V31255 | FAA ILS Construction | 85 | 85 | 0 | 30MAY02 | 22AUG02 |
| F12V31305 | Safety Area Construction | 153 | 153 | 0 | 01APR03* | 31AUG03 |
| Owner Activation/Start-up | | | | | | |
| F12V31265 | ILS Flight Check | 7 | 7 | 0 | 23AUG02 | 29AUG02 |
| F12V31275 | ILS Flight Check Complete | 0 | 0 | 0 | | 29AUG02 |
| F12V31285 | POS Airline & Auto Land Validation | 64 | 64 | 0 | 29AUG02 | 31OCT02 |
| F12V31295 | FAA Commission Cat III ILS | 0 | 0 | 0 | | 31OCT02 |
| F12V31225 | ALSF Flight Check | 7 | 7 | 0 | 22AUG03 | 28AUG03 |
| F12V31205 | ALSF Flight Check Complete | 0 | 0 | 0 | | 28AUG03 |
| F12V31215 | Commission ALSF | 0 | 0 | 0 | | 25SEP03 |
| F12V31315 | FAA Appr. Proced. Cat III (TBD) | 0 | 0 | 0 | | 23NOV06* |
| RW 34X MALSR | | | | | | |
| Pre-Design/Planning | | | | | | |
| F12V31015 | Pre-Design | 60 | 0 | 100 | 03JUL00A | 22SEP00A |
| F12V31025 | Reimbursable Agreement | 60 | 0 | 100 | 25SEP00A | 15DEC00A |
| F12V31035 | FAA Design Funding | 1,000 | 866 | 13 | 18DEC00A | 14JAN04 |
| F12V31335 | POS Property Acquisition Complete | 0 | 0 | 0 | | 02JAN04* |
| F12V31345 | FAA Design Funding Complete | 0 | 0 | 0 | | 14JAN04 |
| Design | | | | | | |
| F12V31040 | FAA Siting Validation | 61 | 61 | 0 | 22MAR04* | 21MAY04 |
| F12V31030 | POS Plants Design | 248 | 248 | 0 | 24MAY04 | 26JAN05 |
| F12V31050 | Final Design Complete | 0 | 0 | 0 | | 27JAN05 |
| Ad, Bid & Award | | | | | | |
| F12V31045 | Advertise, Bid, & Award | 90 | 90 | 0 | 30JAN05 | 29APR05 |
| Construction | | | | | | |
| F12V31055 | Construction | 487 | 487 | 0 | 02MAY05 | 31AUG06 |
| F12V31085 | POS Power & Comm. Available | 0 | 0 | 0 | | 06JAN06* |
| Owner Activation/Start-up | | | | | | |
| F12V31065 | Flight Check | 5 | 5 | 0 | 10SEP06 | 14SEP06 |
| F12V31092 | MALSR Flight Check Complete | 0 | 0 | 0 | | 14SEP06 |
| F12V31075 | FAA Commission Cat I MALSR | 1 | 1 | 0 | 23NOV06 | 23NOV06 |
| RW 16X CAT III ILS | | | | | | |
| Pre-Design/Planning | | | | | | |
| F12V32015 | Pre-Design | 60 | 0 | 100 | 03JUL00A | 22SEP00A |
| F12V32025 | Reimbursable Agreement (Design) | 60 | 0 | 100 | 25SEP00A | 15DEC00A |

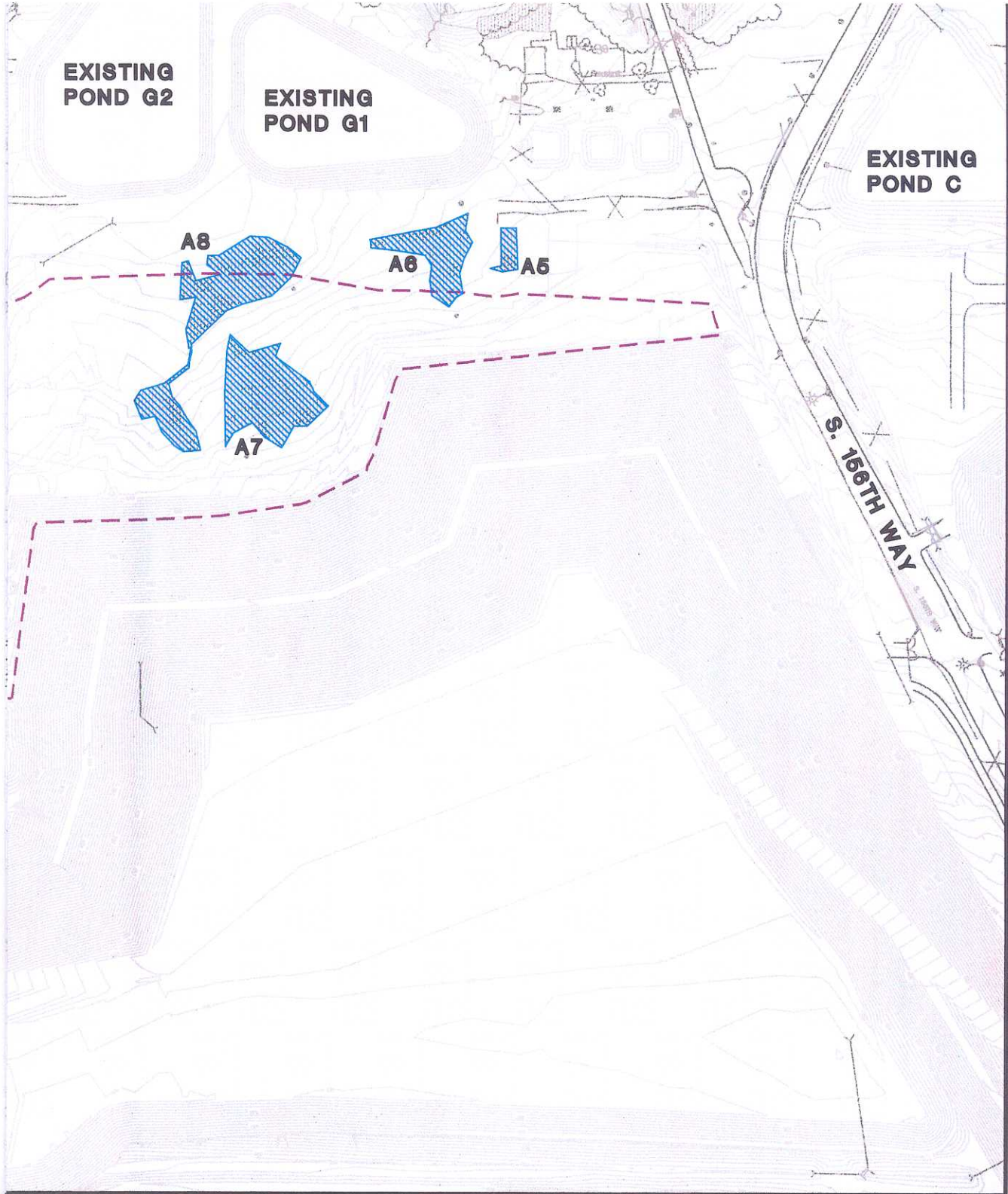


AR 012980

| Activity ID | Activity Description | Orig Dur | Rem Dur | % | Early Start | Early Finish |
|---|---|----------|---------|-----|-------------|--------------|
| Construction | | | | | | |
| F12V33092 | Flight Check Complete | 0 | 0 | 0 | | 14SEP06 |
| F12V33075 | Commission - 16X ALSF-2 | 1 | 1 | 0 | 23NOV06 | 23NOV06 |
| RELOCATE RTR's A & B | | | | | | |
| Design | | | | | | |
| F12V36065 | Reimbursable Agreement | 80 | 0 | 100 | 14FEB00A | 02JUN00A |
| F12V36055 | FAA Plants Design | 200 | 0 | 100 | 15FEB00A | 01SEP00A |
| F12V36195 | FAA Electronics Design | 273 | 0 | 100 | 02SEP00A | 01JUN01A |
| Ad, Bid & Award | | | | | | |
| F12V36075 | FAA Construction Procurement | 80 | 0 | 100 | 04SEP00A | 01NOV00A |
| Construction | | | | | | |
| F12V36205 | POS Site Preparation | 78 | 0 | 100 | 15AUG00A | 31OCT00A |
| F12V36095 | RTR Site Prep Complete (Sites Available to FAA) | 0 | 0 | 100 | 01NOV00A | 01NOV00A |
| F12V36085 | FAA Plants Construction | 187 | 0 | 100 | 14NOV00A | 28JUN01A |
| F12V36105 | Construction Complete | 0 | 0 | 100 | 28JUN01A | 28JUN01A |
| F12V36115 | FAA Relocate RTR's | 191 | 161 | 16 | 02AUG01A | 08FEB02 |
| F12V36155 | POS Power & Comm. Available | 0 | 0 | 0 | | 01NOV01* |
| F12V36185 | Commission RTR | 0 | 0 | 0 | | 08FEB02 |
| F12V36175 | Site Available to POS | 0 | 0 | 0 | | 23MAR02 |
| Owner Activation/Start-up | | | | | | |
| F12V36125 | Vacate Old Sites A and B | 13 | 13 | 0 | 24MAR02 | 05APR02 |
| F12V36135 | POS Demo Existing Site | 28 | 28 | 0 | 06APR02 | 03MAY02 |
| F12V36145 | Site Available for Embankment | 0 | 0 | 0 | | 03MAY02 |
| RW 16X34X PAPI's | | | | | | |
| Construction | | | | | | |
| F12V36200 | Design & Construct 16X34X PAPI's | 1 | 0 | 100 | 01MAY97A | 31DEC98A |
| 200015 3rd RW Land Acquisition (ATZ) | | | | | | |
| Acquisitions | | | | | | |
| Acquisition | | | | | | |
| F12N01110 | ATZ Land Acquisition | 1,303* | 1,303* | 0 | 02JAN02* | 29DEC06 |
| F12N01300 | ATZ Land Acquisition Complete | 0 | 0 | 0 | | 29DEC06 |

B

AR 012982



LEGEND:

-  PHASE 4 CONSTRUCTION LIMITS (POST 404 PERMIT)
-  WETLANDS IMPACTED BY PHASE 4 CONSTRUCTION (POST 404 PERMIT)

HNTB

SEPTEMBER 27, 2001



**PHASE 4 CONSTRUCTION
WETLANDS IMPACT (POST 404
PERMIT)**

AR 012983

 400'