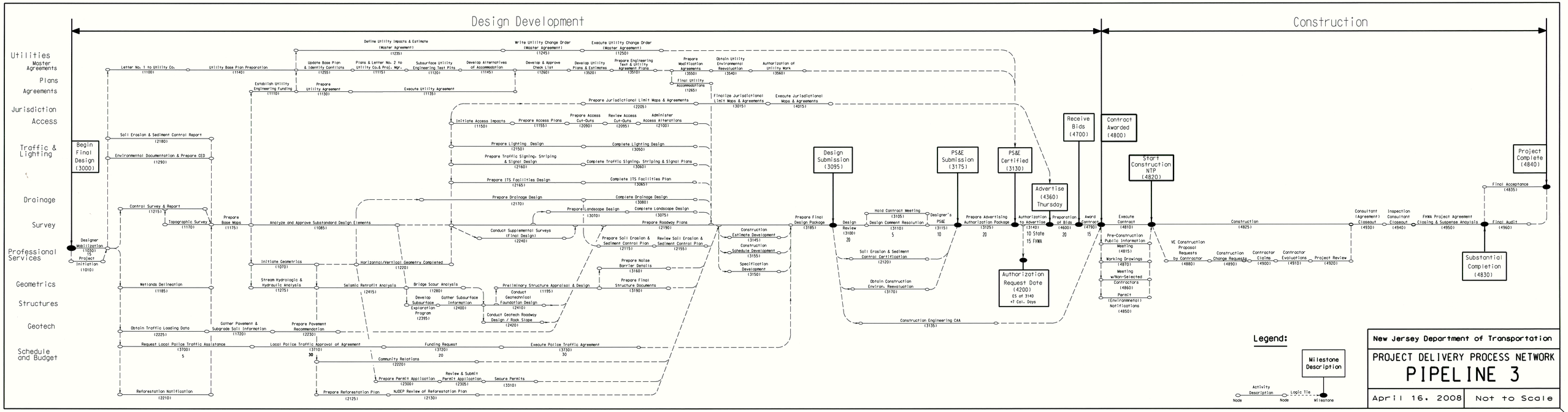
Design Development
Construction
Utilities
Master Agreements
Plans Agreements
Jurisdiction
Access
Traffic & Lighting
Drainage
Survey
Professional Services
Geometrics
Structures
Geotech
Schedule and Budget
Begin Final Design (3000)
Letter No. 1 to Utility Co. (1100)
Utility Base Plan Preparation (1140)
Define Utility Impacts & Estimate (Master Agreement) (1235)
Update Base Plan & Identify Conflicts (1255)
Plans & Letter No. 2 to Utility Co.& Prol. Mgr. (1115)
Subsurface Utility Engineering Test Pits (1120)
Develop Alternatives of Accommodation (1145)
Write Utility Change Order (Master Agreement) (1245)
Develop & Approve Check List (1260)
Develop Utility Plans & Estimates (3520)
Execute Utility Change Order (Master Agreement) (1250)
Prepare Engineering Test & Utility Agreement Plans (3510)
Prepare Modification Agreements (3550)
Obtain Utility Environmental Reevaluation (3540)
Authorization of Utility Work (3560)
Final Utility Accommodations (1265)
Establish Utility Engineering Funding (1110)
Prepare Utility Agreement (1130)
Execute Utility Agreement (1135)
Prepare Jurisdictional Limit Maps & Agreements (2205)
Finalize Jurisdictional Limit Maps & Agreements (3015)
Execute Jurisdictional Maps & Agreements (4015)
Initiate Access Impacts (1150)
Prepare Access Plans (1155)
Prepare Access Cut-Outs (2090)
Review Access Cut-Outs (2095)
Administer Access Alterations (2100)
Soil Erosion & Sediment Control Report (2180)
Environmental Documentation & Prepare CED (1290)
Prepare Lighting Design (2150)
Complete Lighting Design (3050)
Prepare Traffic Signing, Striping & Signal Design (2160)
Complete Traffic Signing, Striping & Signal Plans (3060)
Prepare ITS Facilities Design (2165)
Complete ITS Facilities Plan (3065)
Prepare Drainage Design (2170)
Complete Drainage Design (3080)
Control Survey & Report (1215)
Topographic Survey (1170)
Prepare Base Maps (1175)
Analyze and Approve Substandard Design Elements (1085)
Prepare Landscape Design (3070)
Complete Landscape Design (3075)
Prepare Roadway Plans (2190)
Conduct Supplemental Surveys (Final Design) (2240)
Designer Mobilization (1030) 15
Project Initiation (1010)
Prepare Soil Erosion & Sediment Control Plan (2115)
Review Soil Erosion & Sediment Control Plan (2155)
Initiate Geometrics (1070)
Horizontal/Vertical Geometry Completed (1220)
Prepare Noise Barrier Details (3160)
Stream Hydrologic & Hydraulic Analysis (1275)
Seismic Retrofit Analysis (2415)
Bridge Scour Analysis (1280)
Preliminary Structure Appraisal & Design (1195)
Prepare Final Structure Documents (3190)
Wetlands Delineation (1185)
Develop Subsurface Exploration Program (2395)
Gather Subsurface Information (2400)
Conduct Geotechnical Foundation Design (2410)
Conduct Geotech Roadway Design / Rock Slope (2420)
Obtain Traffic Loading Data (2225)
Gather Pavement & Subgrade Soil Information (1720)
Prepare Pavement Recommendation (2230)
Request Local Police Traffic Assistance (3700) 5
Local Police Traffic Approval of Agreement (3710) 30
Funding Request (3720) 20
Execute Police Traffic Agreement (3730) 30
Community Relations (2200)
Prepare Permit Application (2300)
Review & Submit Permit Application (2305)
Secure Permits (3310)
Reforestation Notification (2210)
Prepare Reforestation Plan (2125)
NJDEP Review of Reforestation Plan (2130)
Construction Estimate Development (3145)
Construction Schedule Development (3155)
Specification Development (3150)
Prepare Final Design Package (3185)
Design Submission (3095)
Design Review (3100) 20
Hold Contract Meeting (3105)
Design Comment Resolution (3110) 5
Designer's PS&E (3115) 10
Soil Erosion & Sediment Control Certification (2120)
Obtain Construction Environ. Reevaluation (3170)
Construction Engineering CAA (3135)
PS&E Submission (3175)
Prepare Advertising Authorization Package (3125) 20
PS&E Certified (3130)
Authorization to Advertise (3140) 10 State 15 FHWA
Authorization Request Date (4200) ES of 3140 +7 Cal. Days
Advertise (4360) Thursday
Preparation of Bids (4600) 20
Receive Bids (4700)
Award Contract (4790) 15
Contract Awarded (4800)
Execute Contract (4810)
Pre-Construction Public Information Meeting (4815)
Working Drawings (4870)
Meeting w/Non-Selected Contractors (4860)
Permit (Environmental) Notifications (4850)
Start Construction NTP (4820)
VE Construction Proposal Requests by Contractor (4880)
Construction (4825)
Construction Change Requests (4890)
Contractor Claims (4900)
Contractor Evaluations (4910)
Project Review (4920)
Consultant (Agreement) Closeout (4930)
Inspection Consultant Closeout (4940)
FHWA Project Agreement Closing & Suspense Analysis (4950)
Final Acceptance (4835)
Final Audit (4960)
Substantial Completion (4830)
Project Complete (4840)
Legend:
Milestone Description
Activity Description
Node
Logic Tie
Milestone
New Jersey Department of Transportation
PROJECT DELIVERY PROCESS NETWORK
PIPELINE 3
April 16, 2008
Not to Scale