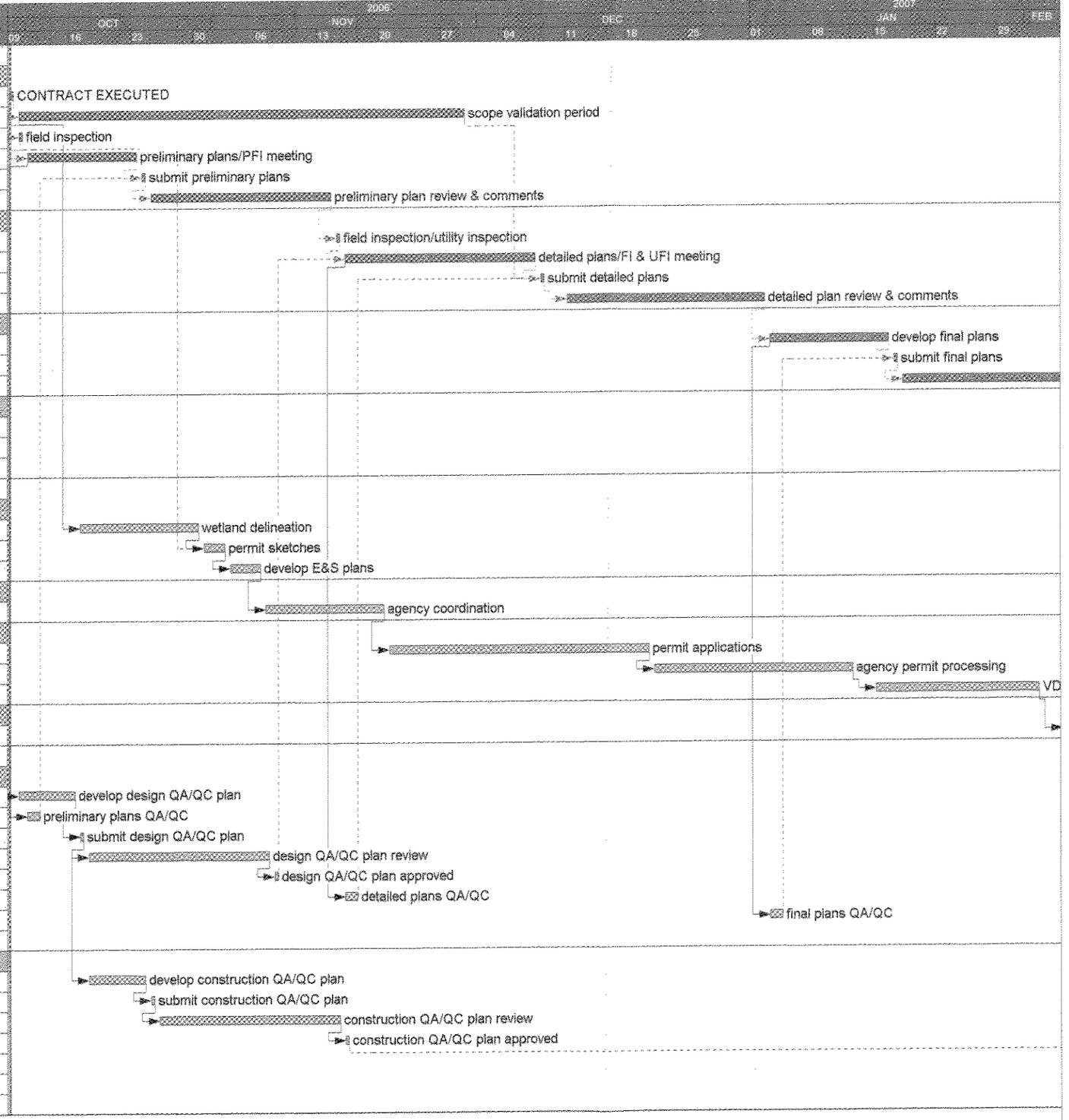
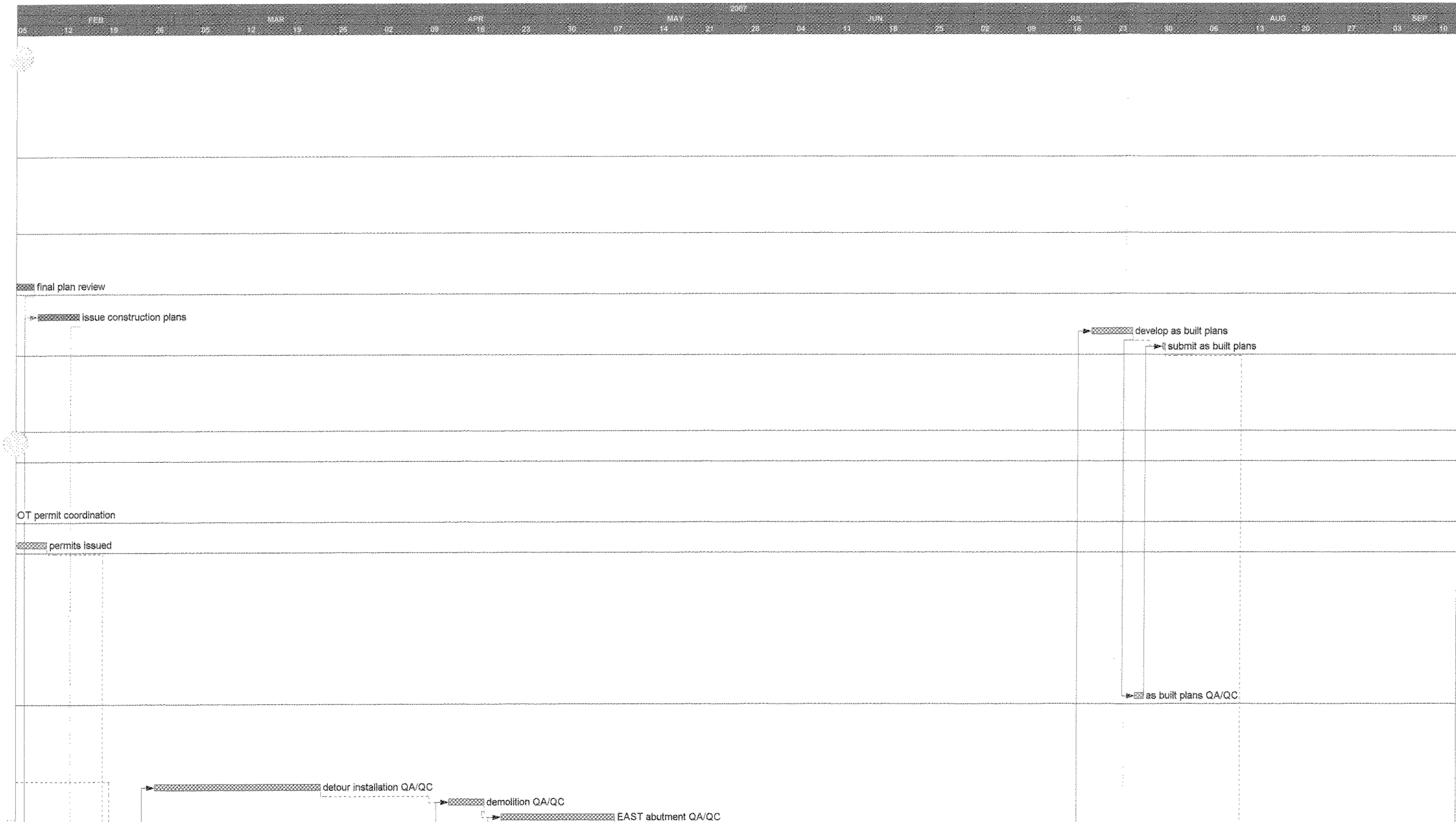
Act ID	Description	Orig Dur	Early Start	Early Finish	Total Float	%	Predecessors	Successors
Design								
Preliminary								
1580	CONTRACT EXECUTED	1d	09OCT06	09OCT06	0	0		1230
1230	scope validation period	35d	10OCT06	29NOV06	0	0	1580	1240, 1330,
1240	field inspection	1d	10OCT06	10OCT06	0	0	1230	1250, 1280
1250	preliminary plans/PFI meeting	9d	11OCT06	23OCT06	0	0	1240	1260, 1640
1260	submit preliminary plans	1d	24OCT06	24OCT06	0	0	1250, 1640	1270
1270	preliminary plan review & comments	15d	25OCT06	14NOV06	0	0	1260	1300
Detailed								
1300	field inspection/utility inspection	1d	15NOV06	15NOV06	0	0	1270	1320
1320	detailed plans/FI & UFI meeting	14d	16NOV06	07DEC06	0	0	1300, 1480	1330, 1650
1330	submit detailed plans	1d	08DEC06	08DEC06	0	0	1230, 1320, 1650	1340
1340	detailed plan review & comments	15d	11DEC06	02JAN07	0	0	1330	1350
Final								
1350	develop final plans	10d	03JAN07	16JAN07	0	0	1340	1360, 1660
1360	submit final plans	1d	17JAN07	17JAN07	0	0	1350, 1660	1370
1370	final plan review	15d	18JAN07	07FEB07	0	0	1360	1310, 1380
Construction								
1380	issue construction plans	5d	08FEB07	14FEB07	0	0	1370	1000
1510	develop as built plans	5d	19JUL07	25JUL07	14d	0	1150	1520, 1670
1520	submit as built plans	1d	30JUL07	30JUL07	14d	0	1510, 1670	1530
Permits								
Delineation								
1390	wetland delineation	10d	17OCT06	30OCT06	10d	0	1230	1280
1280	permit sketches	3d	31OCT06	02NOV06	10d	0	1240, 1390	1290
1290	develop E&S plans	2d	03NOV06	06NOV06	10d	0	1280	1400
Coordination								
1400	agency coordination	10d	07NOV06	20NOV06	10d	0	1290	1410
Application								
1410	permit applications	20d	21NOV06	20DEC06	10d	0	1400	1420
1420	agency permit processing	15d	21DEC06	12JAN07	10d	0	1410	1430
1430	VDOT permit coordination	15d	15JAN07	02FEB07	10d	0	1420	1440
Acquisition								
1440	permits issued	5d	05FEB07	09FEB07	10d	0	1430	1030
QA/QC Services								
Design								
1450	develop design QA/QC plan	5d	10OCT06	16OCT06	5d	0	1230	1460
1640	preliminary plans QA/QC	2d	11OCT06	12OCT06	7d	0	1250	1260
1460	submit design QA/QC plan	1d	17OCT06	17OCT06	5d	0	1450	1470, 1540
1470	design QA/QC plan review	15d	18OCT06	07NOV06	5d	0	1460	1480
1480	design QA/QC plan approved	1d	08NOV06	08NOV06	5d	0	1470	1320
1650	detailed plans QA/QC	2d	16NOV06	17NOV06	12d	0	1320	1330
1660	final plans QA/QC	2d	03JAN07	04JAN07	8d	0	1350	1360
1670	as built plans QA/QC	2d	26JUL07	27JUL07	14d	0	1510	1520
Construction								
1540	develop construction QA/QC plan	5d	18OCT06	24OCT06	65d	0	1460	1550
1550	submit construction QA/QC plan	1d	25OCT06	25OCT06	65d	0	1540	1560
1560	construction QA/QC plan review	15d	26OCT06	15NOV06	65d	0	1550	1570
1570	construction QA/QC plan approved	1d	16NOV06	16NOV06	65d	0	1560	1010
1680	detour installation QA/QC	20d	26FEB07	23MAR07	31d	0	1030	1690
1690	demolition QA/QC	4d	12APR07	17APR07	18d	0	1070, 1680	1700
1700	EAST abutment QA/QC	12d	20APR07	07MAY07	16d	0	1090, 1690	1710




2007
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final plan review
issue construction plans
develop as built plans
submit as built plans
OT permit coordination
permits issued
as built plans QA/QC
detour installation QA/QC
demolition QA/QC
EAST abutment QA/QC

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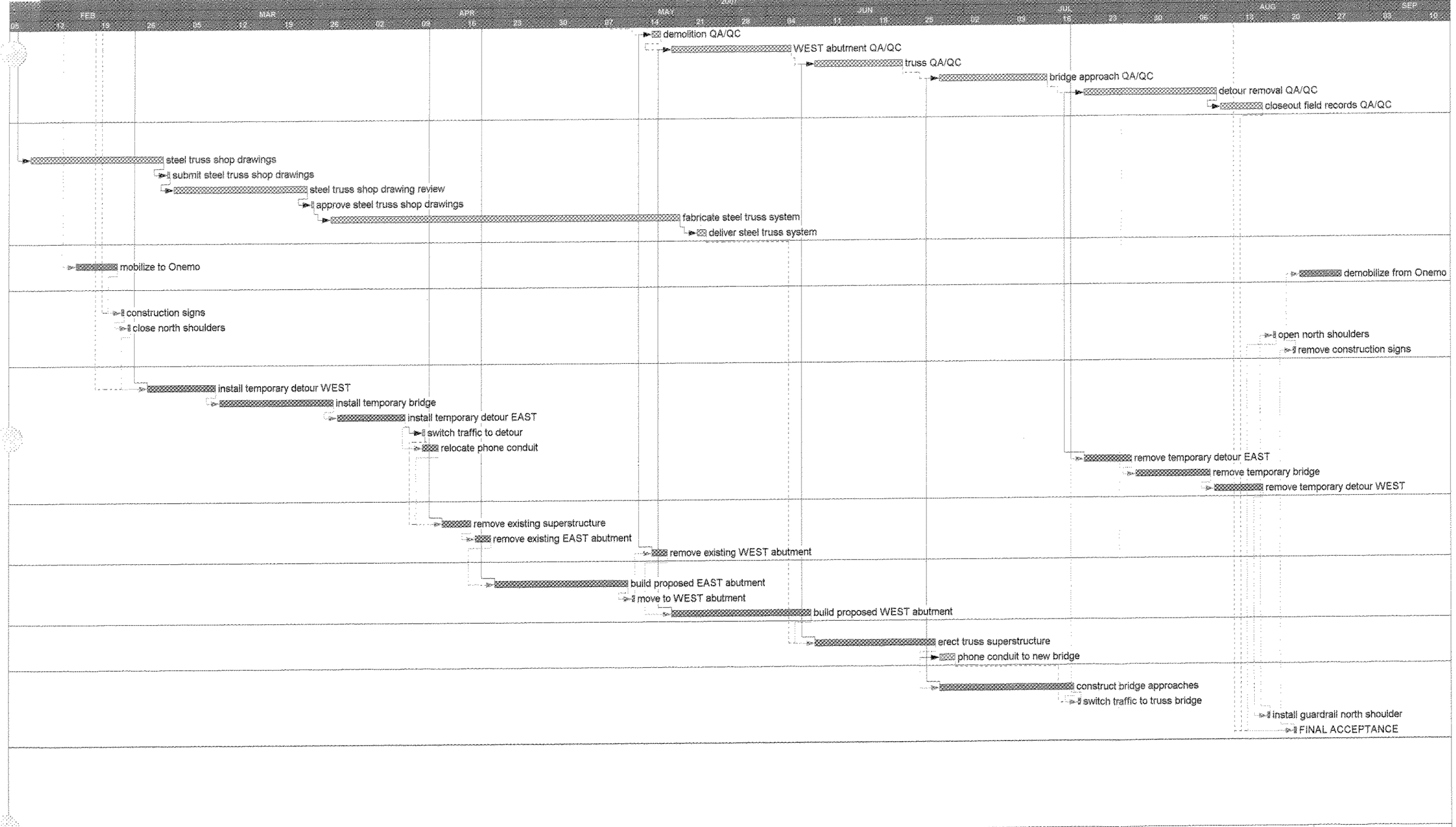
1710	demolition QA/QC	2d	14MAY07	15MAY07	12d	0	1110, 1700	1720
1720	WEST abutment QA/QC	12d	17MAY07	04JUN07	11d	0	1120, 1710	1730
1730	truss QA/QC	10d	08JUN07	21JUN07	8d	0	1130, 1720	1740
1740	bridge approach QA/QC	12d	27JUN07	13JUL07	5d	0	1140, 1730	1750
1750	detour removal QA/QC	15d	19JUL07	08AUG07	2d	0	1160, 1740	1760
1760	closeout field records QA/QC	5d	09AUG07	15AUG07	2d	0	1750	1530
Construction								
Critical Materials								
1310	steel truss shop drawings	15d	08FEB07	28FEB07	11d	0	1370	1590
1590	submit steel truss shop drawings	1d	01MAR07	01MAR07	11d	0	1310	1600
1600	steel truss shop drawing review	15d	02MAR07	22MAR07	11d	0	1590	1610
1610	approve steel truss shop drawings	1d	23MAR07	23MAR07	11d	0	1600	1620
1620	fabricate steel truss system	40d	26MAR07	18MAY07	11d	0	1610	1630
1630	deliver steel truss system	2d	21MAY07	22MAY07	11d	0	1620	1130
Mobilization								
1000	mobilize to Onemo	5d	15FEB07	21FEB07	0	0	1380	1010
1220	demobilize from Onemo	5d	21AUG07	27AUG07	0	0	1210	
Maintenance of Traffic								
1010	construction signs	1d	22FEB07	22FEB07	0	0	1000, 1570	1020
1020	close north shoulders	1d	23FEB07	23FEB07	0	0	1010	1030
1200	open north shoulders	1d	17AUG07	17AUG07	0	0	1190	1530
1210	remove construction signs	1d	20AUG07	20AUG07	0	0	1530	1220
Temporary Detour								
1030	install temporary detour WEST	9d	26FEB07	08MAR07	0	0	1020, 1440	1040, 1680
1040	install temporary bridge	12d	09MAR07	26MAR07	0	0	1030	1050
1050	install temporary detour EAST	9d	27MAR07	06APR07	0	0	1040	1060, 1490
1060	switch traffic to detour	1d	09APR07	09APR07	2d	0	1050	1070
1490	relocate phone conduit	3d	09APR07	11APR07	0	0	1050	1070
1160	remove temporary detour EAST	6d	19JUL07	26JUL07	0	0	1150	1170, 1750
1170	remove temporary bridge	8d	27JUL07	07AUG07	0	0	1160	1180
1180	remove temporary detour WEST	6d	08AUG07	15AUG07	0	0	1170	1190
Bridge Demolition								
1070	remove existing superstructure	3d	12APR07	16APR07	0	0	1060, 1490	1080, 1690
1080	remove existing EAST abutment	3d	17APR07	19APR07	0	0	1070	1090
1110	remove existing WEST abutment	3d	14MAY07	16MAY07	0	0	1100	1120, 1710
Abutments								
1090	build proposed EAST abutment	15d	20APR07	10MAY07	0	0	1080	1100, 1700
1100	move to WEST abutment	1d	11MAY07	11MAY07	0	0	1090	1110
1120	build proposed WEST abutment	15d	17MAY07	07JUN07	0	0	1110	1130, 1720
Steel Truss								
1130	erect truss superstructure	13d	08JUN07	26JUN07	0	0	1120, 1630	1140, 1500,
1500	phone conduit to new bridge	3d	27JUN07	29JUN07	11d	0	1130	1150
Approach Roadways								
1140	construct bridge approaches	14d	27JUN07	17JUL07	0	0	1130	1150, 1740
1150	switch traffic to truss bridge	1d	18JUL07	18JUL07	0	0	1140, 1500	1160, 1510
1190	install guardrail north shoulder	1d	16AUG07	16AUG07	0	0	1180	1200
1530	FINAL ACCEPTANCE	1d	20AUG07	20AUG07	0	0	1200, 1520, 1760	1210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mobilize to Onemo
demobilize from Onemo
construction signs
close north shoulders
open north shoulders
remove construction signs
install temporary detour WEST
install temporary bridge
install temporary detour EAST
switch traffic to detour
relocate phone conduit
remove temporary detour EAST
remove temporary bridge
remove temporary detour WEST
remove existing superstructure
remove existing EAST abutment
remove existing WEST abutment
build proposed EAST abutment
move to WEST abutment
build proposed WEST abutment
erect truss superstructure
phone conduit to new bridge
construct bridge approaches
switch traffic to truss bridge
install guardrail north shoulder
FINAL ACCEPTANCE