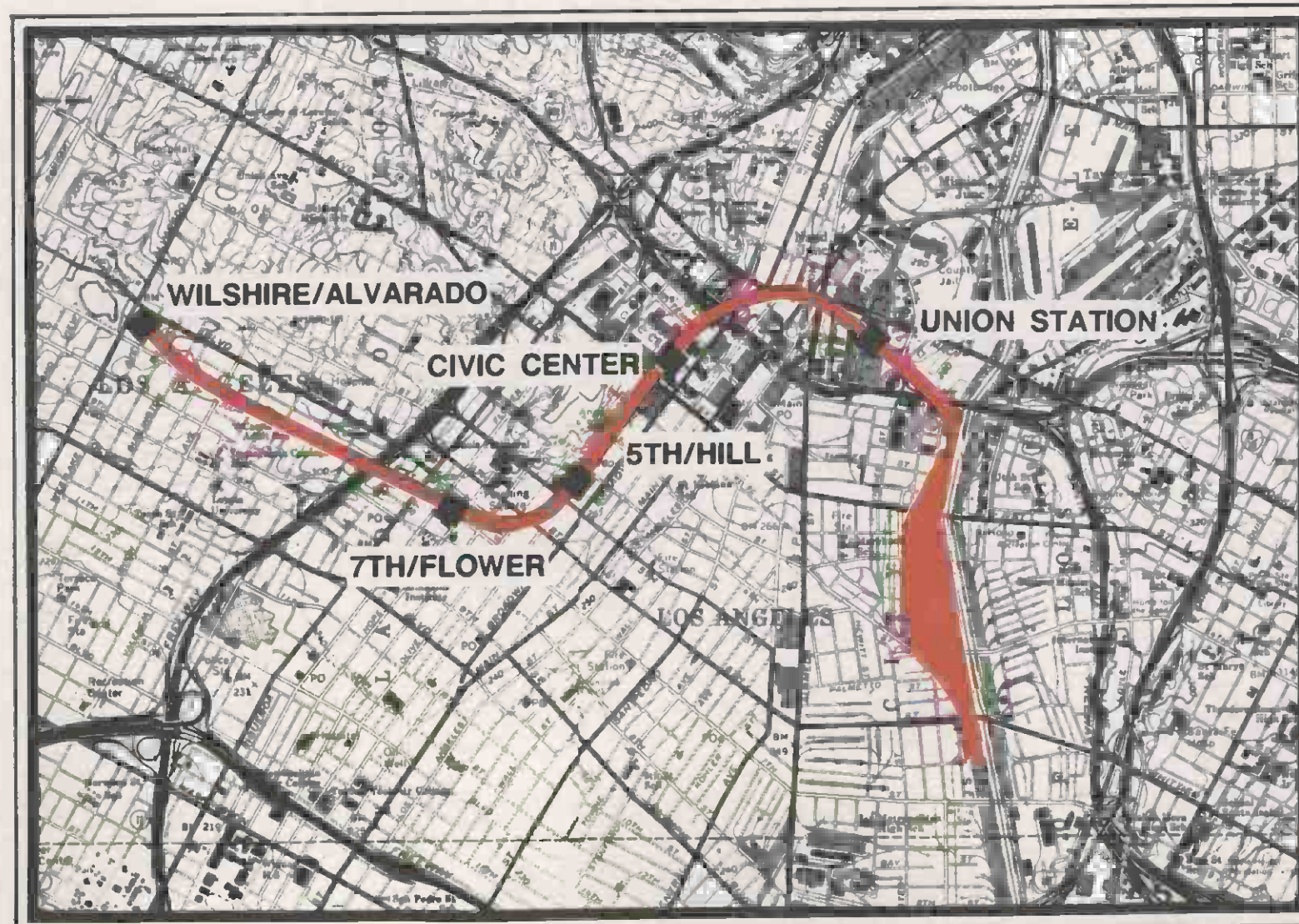


SOUTHERN CALIFORNIA RAPID TRANSIT DISTRICT

METRO RAIL PROJECT

MOS-1



OVERSIZE

EXECUTIVE SCHEDULE

MARCH 1987

SCRTD
1987
.M81
E97
Mar
1987

MOS-1

EXECUTIVE SCHEDULE

STATUS AS OF MARCH 27, 1987

CONTRACT	STATUS DATE 27MAR87						
	1986	1987	1988	1989	1990	1991	1992
A111 SANTA FE RESTORATION							
A112 MAIN SHOP BUILDING							
A115 YARD STORAGE AREA							
A116 SITE SECURITY FENCING							
A117 SITE LIGHTING							
A118 SITE LANDSCAPING							
A121 MOW SHOP BUILDING							
A123 DEMOLITION OF STRUCT ON PARCEL A1-009							
A124 DUCOMMUN/JACKSON ST RESTORATION							
A130 YARD LEADS AND TRANSFER ZONE							30APR92
A134 DEMOLITION OF STRUCT ON PARCEL A1-032							

LEGEND

CURRENT SCHEDULE	PROGRESS	ORIGINAL SCHEDULE
DESIGN		
BID/AWARD		
CONSTRUCTION		

▼ RIGHT OF WAY AVAILABLE

SOUTHERN CALIFORNIA RAPID TRANSIT DISTRICT
METRO RAIL PROJECT (MOS-1)
EXECUTIVE SCHEDULE

PREPARED BY
MANAGER OF SCHEDULES

CHECKED BY
DIRECTOR OF PROGRAM CONTROL

APPROVED BY
ASSISTANT GENERAL MANAGER

DATE	REV
9/25/86	5
12/26/86	5A
3/27/87	5B

CONTRACT	STATUS DATE 27MAR87																	
	1986	1987	1988	1989	1990	1991	1992											
A135 UNION STATION STAGE I	[Gantt bar with hatched patterns from 1986 to 1990]																	
A136 UNION STATION STAGE II	[Gantt bar with hatched patterns from 1987 to 1990]																	
A137 SPTCO CABLE RELOC	[Gantt bar with hatched patterns from 1986 to 1987]																	
A138 SITEWORK	[Gantt bar with hatched patterns from 1987 to 1990]																	
A139 LANDSCAPING	[Gantt bar with hatched patterns from 1987 to 1990]																	
A141 LINE US TO 5TH/HILL CIVIC CENTER STAGE I	[Gantt bar with hatched patterns from 1986 to 1990]																	
A147 CIVIC CENTER STAGE II	[Gantt bar with hatched patterns from 1987 to 1990]																	
A145 5TH/HILL STAGE I	[Gantt bar with hatched patterns from 1986 to 1990]																	
A157 5TH/HILL STAGE II	[Gantt bar with hatched patterns from 1987 to 1990]																	
A146 LINE SECTION 5TH/HILL TO 7TH/FLOWER	[Gantt bar with hatched patterns from 1986 to 1990]																	
A161 7TH/FLOWER UTILITY REARRANGEMENT	[Gantt bar with hatched patterns from 1987 to 1988]																	
LEGEND CURRENT SCHEDULE PROGRESS ORIGINAL SCHEDULE DESIGN [Pattern] [Pattern] [Pattern] BID/AWARD [Pattern] [Pattern] [Pattern] CONSTRUCTION [Pattern] [Pattern] [Pattern] ▼ RIGHT OF WAY AVAILABLE							SOUTHERN CALIFORNIA RAPID TRANSIT DISTRICT METRO RAIL PROJECT (MOS-1) EXECUTIVE SCHEDULE		PREPARED BY <i>[Signature]</i> <small>MANAGER OF SCHEDULES</small> CHECKED BY <i>[Signature]</i> <small>DIRECTOR OF PROGRAM CONTROL</small> APPROVED BY <i>[Signature]</i> <small>ASSISTANT GENERAL MANAGER</small>	<table border="1"> <tr> <th>DATE</th> <th>REV</th> </tr> <tr> <td>9/25/86</td> <td>5</td> </tr> <tr> <td>12/26/86</td> <td>5A</td> </tr> <tr> <td>3/27/87</td> <td>5B</td> </tr> </table>	DATE	REV	9/25/86	5	12/26/86	5A	3/27/87	5B
DATE	REV																	
9/25/86	5																	
12/26/86	5A																	
3/27/87	5B																	

ROD

30APR82

CONTRACT	STATUS DATE 27MAR87													
	1986	1987	1988	1989	1990	1991	1992							
A165 7TH/FLOWER STAGE I	[Gantt chart showing design and construction bars for A165 from 1986 to 1990]													
A167 7TH/FLOWER STAGE II	[Gantt chart showing design and construction bars for A167 from 1986 to 1990]													
A171 LINE SEC 7TH/FLOWER TO WILSHIRE/ALVARADO	[Gantt chart showing design and construction bars for A171 from 1986 to 1990]													
A172 DEMOLITION OF STRUCT ON PARCEL A1-208	[Gantt chart showing design and construction bars for A172 in 1986]													
A173 DEMO OF STRUCT ON PAR A1-221,222,224,225	[Gantt chart showing design and construction bars for A173 in 1986]													
A175 WILSHIRE/ALVARADO STAGE I	[Gantt chart showing design and construction bars for A175 from 1986 to 1990]													
A185 WILSHIRE/ALVARADO RESTORATION	[Gantt chart showing design and construction bars for A185 from 1987 to 1990]													
A186 LANDSCAPING	[Gantt chart showing design and construction bars for A186 from 1987 to 1990]													
A187 WILSHIRE/ALVARADO STAGE II	[Gantt chart showing design and construction bars for A187 from 1987 to 1990]													
SYSTEMS AND SYSTEMWIDE	[Gantt chart showing design and construction bars for systems from 1987 to 1990]													
A610 TRACKWORK	[Gantt chart showing design and construction bars for trackwork from 1987 to 1990]													
LEGEND CURRENT SCHEDULE PROGRESS ORIGINAL SCHEDULE DESIGN [diagonal lines] [diagonal lines] [diagonal lines] BID/AWARD [solid black] [solid black] [solid black] CONSTRUCTION [diagonal lines] [diagonal lines] [diagonal lines] ▼ RIGHT OF WAY AVAILABLE														
SOUTHERN CALIFORNIA RAPID TRANSIT DISTRICT METRO RAIL PROJECT (MOS-1) EXECUTIVE SCHEDULE														
PREPARED BY <i>[Signature]</i> CHECKED BY <i>[Signature]</i> APPROVED BY <i>[Signature]</i>					<table border="1"> <thead> <tr> <th>DATE</th> <th>REV</th> </tr> </thead> <tbody> <tr> <td>9/25/86</td> <td>5</td> </tr> <tr> <td>12/26/86</td> <td>5A</td> </tr> <tr> <td>3/27/87</td> <td>5B</td> </tr> </tbody> </table>		DATE	REV	9/25/86	5	12/26/86	5A	3/27/87	5B
DATE	REV													
9/25/86	5													
12/26/86	5A													
3/27/87	5B													
PAGE 3 OF 10														

ROD

30APR92

[Signature]
MANAGER OF SCHEDULES
[Signature]
DIRECTOR OF PROGRAM CONTROL
[Signature]
ASSISTANT GENERAL MANAGER

CONTRACT	← STATUS DATE 27MAR87						
	1986	1987	1988	1989	1990	1991	1992
A672 FLAT CARS			■■■■■ ■■■■■	■■■■■ ■■■■■	■■■■■ ■■■■■		
A675 CRANE			■■■■■ ■■■■■	■■■■■ ■■■■■	■■■■■ ■■■■■		
A680 OPERATIONAL GRAPHICS			■■■■■ ■■■■■	■■■■■ ■■■■■			
A710 ESCALATORS		■■■■■ ■■■■■	■■■■■ ■■■■■	■■■■■ ■■■■■	■■■■■ ■■■■■		
A720 ELEVATORS		■■■■■ ■■■■■	■■■■■ ■■■■■	■■■■■ ■■■■■	■■■■■ ■■■■■		
A730 FIXED SHOP EQUIPMENT			■■■■■ ■■■■■	■■■■■ ■■■■■	■■■■■ ■■■■■		
A735 FREE STANDING SHOP EQUIPMENT			■■■■■ ■■■■■	■■■■■ ■■■■■	■■■■■ ■■■■■		
A740 VENTILATION EQUIPMENT		■■■■■ ■■■■■	■■■■■ ■■■■■	■■■■■ ■■■■■	■■■■■ ■■■■■		
A745 TRACTION POWER SUB-STA/AIR HANDLING EQUIP		■■■■■ ■■■■■	■■■■■ ■■■■■	■■■■■ ■■■■■	■■■■■ ■■■■■		ROD
A760 SIGNS & GRAPHICS		■■■■■ ■■■■■	■■■■■ ■■■■■	■■■■■ ■■■■■	■■■■■ ■■■■■		30APR92
A770 RUBBER-TIRED VEHICLES				■■■■■ ■■■■■	■■■■■ ■■■■■		

LEGEND

CURRENT SCHEDULE	PROGRESS	ORIGINAL SCHEDULE
DESIGN ■■■■■■	■■■■■	■■■■■
BID/AWARD ■■■■	■■■■■	■■■■■
CONSTRUCTION ■■■■	■■■■■	■■■■■
▼ RIGHT OF WAY AVAILABLE		

SOUTHERN CALIFORNIA RAPID TRANSIT DISTRICT
 METRO RAIL PROJECT (MOS-1)
 EXECUTIVE SCHEDULE

PREPARED BY *T. Sherry*
MANAGER OF SCHEDULES
 CHECKED BY *[Signature]*
DIRECTOR OF PROGRAM CONTROL
 APPROVED BY *[Signature]*
ASSISTANT GENERAL MANAGER

DATE	REV
9/25/86	5
12/26/86	5A
3/27/87	5B

CONTRACT	← STATUS DATE 27MAR87						
	1986	1987	1988	1989	1990	1991	1992
A775 MOBILE EMERGENCY & MAINTENANCE EQUIPMENT					■■■■■ ■■■■■		
A780 FURNITURE					■■■■■ ■■■■■		
A785 FIRE SUPPRESSION EQUIPMENT					■■■■■ ■■■■■		
A790 FIRST STORES & CONSUMABLES					■■■■■ ■■■■■		
A795 UNINTERRUPTIBLE POWER SUPPLIES	■■■■■ ■■■■■	■■■■■ ■■■■■	■■■■■ ■■■■■	■■■■■ ■■■■■	■■■■■ ■■■■■		
MASTER AGREEMENT WORK							
MA-007 YARD/SHOPS TELEPHONE RELOCATION		■■■■■ ■■■■■					
MA-093 YARD/ SHOPS GAS RELOCATION		■■■■■ ■■■■■					
MA-A09 YARD/SHOPS WATER RELOCATION		■■■■■ ■■■■■					ROD
MA-009 YARD/SHOPS POWER RELOCATION		■■■■■ ■■■■■					30APR92
MA-545 YARD/SHOPS CHEVRON RELOCATION				■■■■■ ■■■■■			

LEGEND

CURRENT SCHEDULE	PROGRESS	ORIGINAL SCHEDULE
DESIGN ■■■■■■	■■■■■	■■■■■
BID/AWARD ■■■■	■■■	■■■
CONSTRUCTION ■■■■	■■■	■■■
▼ RIGHT OF WAY AVAILABLE		

SOUTHERN CALIFORNIA RAPID TRANSIT DISTRICT
METRO RAIL PROJECT (MOS-1)
EXECUTIVE SCHEDULE

PAGE 6 OF 10

PREPARED BY *R. Sherry*
MANAGER OF SCHEDULES

CHECKED BY *Jeffrey...*
DIRECTOR OF PROGRAM CONTROL

APPROVED BY *R. J. ...*
ASSISTANT GENERAL MANAGER

DATE	REV
9/25/86	5
12/26/86	5A
3/27/87	5B

CONTRACT	← STATUS DATE 27MAR87						
	1986	1987	1988	1989	1990	1991	1992
MA-002 YARD/SHOPS CITY OF LOS ANGELES			██████████				
MA-056 YARD/SHOPS CALTRANS		██████████					
MA-094 YARD/SHOPS COUNTY OF L.A.		██████████					
MA-008 YARD/SHOPS WEST UNION REPLACE		██████████					
MA-007 UNION STATION TELEPHONE RELOC		██████████	██████████				
MA-A09 UNION STATION WATER RELOCATION		██████████	██████████				
MA-009 UNION STATION POWER RELOCATION		██████████	██████████				
MA-002 UNION STATION CITY OF LOS ANGELES		██████████	██████████				
MA-056 UNION STATION CALTRANS		██████████	██████████				ROD
MA-008 UNION STATION WEST UNION REPLACE		██████████	██████████				30APR92
MA-007 CIVIC CENTER TELEPHONE RELOC		██████████	██████████				

LEGEND

CURRENT SCHEDULE	PROGRESS	ORIGINAL SCHEDULE
DESIGN ██████████	██████████	██████████
BID/AWARD ██████████	██████████	██████████
CONSTRUCTION ██████████	██████████	██████████
▼ RIGHT OF WAY AVAILABLE		

SOUTHERN CALIFORNIA RAPID TRANSIT DISTRICT
METRO RAIL PROJECT (MOS-1)
EXECUTIVE SCHEDULE

PREPARED BY *W. Sherrill*
MANAGER OF SCHEDULES

CHECKED BY *John B. Strickland*
DIRECTOR OF PROGRAM CONTROL

APPROVED BY *J. J. ...*
ASSISTANT GENERAL MANAGER

DATE	REV
9/25/86	5
12/26/86	5A
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CONTRACT	STATUS DATE 27MAR87							
	1986	1987	1988	1989	1990	1991	1992	
MA-093 CIVIC CENTER GAS RELOCATION	[Hatched bars indicating schedule from 1986 to 1990]							
MA-A09 CIVIC CENTER WATER RELOCATION	[Hatched bars indicating schedule from 1986 to 1990]							
MA-009 CIVIC CENTER POWER RELOCATION	[Hatched bars indicating schedule from 1986 to 1990]							
MA-533 CIVIC CENTER CABLE TV RELOCATION	[Hatched bars indicating schedule from 1987 to 1990]							
MA-002 CIVIC CENTER CITY OF LOS ANGELES	[Hatched bars indicating schedule from 1986 to 1990]							
MA-056 CIVIC CENTER CALTRANS	[Hatched bars indicating schedule from 1987 to 1990]							
MA-094 CIVIC CENTER COUNTY OF L.A.	[Hatched bars indicating schedule from 1986 to 1990]							
MA-008 CIVIC CENTER WEST UNION REPLACE	[Hatched bars indicating schedule from 1987 to 1990]							
MA-002 HILL STREET 1-WAY CITY OF LA	[Hatched bars indicating schedule from 1986 to 1987]							ROD
MA-007 5TH/HILL TELEPHONE RELOC	[Hatched bars indicating schedule from 1986 to 1990]							30APR92
MA-093 5TH/HILL GAS RELOCATION	[Hatched bars indicating schedule from 1987 to 1990]							

LEGEND













CURRENT SCHEDULE	PROGRESS	ORIGINAL SCHEDULE
DESIGN [Hatched]	[Hatched]	[Hatched]
BID/AWARD [Hatched]	[Hatched]	[Hatched]
CONSTRUCTION [Hatched]	[Hatched]	[Hatched]

▼ RIGHT OF WAY AVAILABLE










SOUTHERN CALIFORNIA RAPID TRANSIT DISTRICT
METRO RAIL PROJECT (MOS-1)
EXECUTIVE SCHEDULE

PREPARED BY *T. Sherry*
MANAGER OF SCHEDULES
CHECKED BY *John Christman*
DIRECTOR OF PROGRAM CONTROL
APPROVED BY *R. J. [Signature]*
ASSISTANT GENERAL MANAGER




DATE	REV
9/25/86	5
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CONTRACT	← STATUS DATE 27MAR87						
	1986	1987	1988	1989	1990	1991	1992
MA-A09 5TH/HILL WATER RELOCATION							
MA-009 5TH/HILL POWER RELOCATION							
MA-002 5TH/HILL CITY OF LOS ANGELES							
MA-533 5TH/HILL CABLE TV REPLACE							
MA-008 5TH/HILL WEST UNION REPLACE							
MA-007 7TH/FLOWER TELEPHONE RELOC							
MA-093 7TH/FLOWER GAS RELOCATION							
MA-A09 7TH/FLOWER WATER RELOCATION							
MA-009 7TH/FLOWER POWER RELOCATION							
MA-002 7TH/FLOWER CITY OF LOS ANGELES							30APR82
MA-533 7TH/FLOWER CABLE TV REPLACE							

LEGEND

CURRENT SCHEDULE	PROGRESS	ORIGINAL SCHEDULE
DESIGN 		
BID/AWARD 		
CONSTRUCTION 		
▼ RIGHT OF WAY AVAILABLE		

SOUTHERN CALIFORNIA RAPID TRANSIT DISTRICT
 METRO RAIL PROJECT (MOS-1)
 EXECUTIVE SCHEDULE

PREPARED BY 
 MANAGER OF SCHEDULES
 CHECKED BY 
 DIRECTOR OF PROGRAM CONTROL
 APPROVED BY 
 ASSISTANT GENERAL MANAGER

DATE	REV
9/25/86	5
12/26/86	5A
3/27/87	5B

CONTRACT	STATUS DATE 27MAR87						
	1986	1987	1988	1989	1990	1991	1992
MA-008 7TH/FLOWER WESTERN UNION REPLACEMENT							
MA-007 WILSHIRE/ALVARADO TELEPHONE RELOCATION							
MA-093 WILSHIRE/ALVARADO GAS RELOCATION							
MA-A09 WILSHIRE/ALVARADO WATER RELOCATION							
MA-009 WILSHIRE/ALVARADO POWER RELOCATION							
MA-002 WILSHIRE/ALVARADO CITY OF LOS ANGELES							
MA-533 WILSHIRE/ALVARADO CABLE TV RELOCATION							
MA-056 WILSHIRE/ALVARADO CALTRANS							
MA-005 CENTRAL/WEST BASIN WATER REPLEN. DISTRICT							
MA-002 CITY OF LOS ANGELES SYSTEMWIDE SERVICES							
PRE-REVENUE OPERATIONS							

LEGEND

CURRENT SCHEDULE	PROGRESS	ORIGINAL SCHEDULE
DESIGN		
BID/AWARD		
CONSTRUCTION		
▼ RIGHT OF WAY AVAILABLE		

SOUTHERN CALIFORNIA RAPID TRANSIT DISTRICT
 METRO RAIL PROJECT (MOS-1)
 EXECUTIVE SCHEDULE

PREPARED BY *T.C. Sherris*
MANAGER OF SCHEDULES

CHECKED BY *J. Paul Strickland*
DIRECTOR OF PROGRAM CONTROL

APPROVED BY *J. J. [Signature]*
ASSISTANT GENERAL MANAGER

DATE	REV
9/25/86	5
12/26/86	5A
3/27/87	5B

APPENDIX

STATUS OF EXECUTIVE SCHEDULE
As of March 27, 1987

Listed in this appendix are the schedule changes since the February 27, 1987 Status Report.

- o Contract A111 The Santa Fe Avenue Restoration bid date has been revised to conform with the requirements of Contract A130. There is no impact to the critical path.
- o Contract A112 The Main Shop Building bid date has been extended two weeks to accommodate incorporation of additional RTD Operations and Maintenance Committee design comments. There is no impact to the critical path.
- o Contract A115 The Yard Storage Area bid date has been extended pending decision on potential interface impacts with other yard contracts. There is no impact to the critical path.
- o Contract A116 The Site Security Fencing bid date has been revised to conform with the requirements of Contract A130. There is no impact to the critical path.
- o Contract A117 The Site lighting bid date has been revised to conform with the requirements of Contract A130. There is no impact to the critical path.
- o Contract A124 The Ducommun/Jackson Street Restoration bid date has been revised to conform with the requirements of Contract A130. There is no impact to the critical path.
- o Contract A130 The Yard Lead and Transfer Zone Contract design, right-of-way acquisition, bid process, and construction activities have been rescheduled due to revised alignment. This contract is now on the critical path.
- o Contract A132 The Demolition of Structure on Parcel A-024 Contract has been deleted since property is no longer required due to the new alignment of Contract A130.

- o Contract A135 The Union Station Stage I construction activity duration has been decreased by five months due to a change in construction methodology. Due to this change Contract A135 has no impact to the critical path.
- o Contract A136 The Union Station Stage II bid date has been revised to conform with the requirements of Contract A135. There is no impact to the critical path.
- o Contract A138 The sitework bid process and construction activities have been rescheduled due to the revised start of Contract A135. Design has been rescheduled to reflect the target completion date given MRTC for the next Annual Work Plan. There is no impact to the critical path.
- o Contract A139 The landscaping bid process and construction activities have been rescheduled due to the revised start of Contract A138. Design has been rescheduled to reflect the target completion date given MRTC for the next Annual Work Plan. There is no impact to the critical path.
- o Contract A147 Stage II Design has been rescheduled to reflect the target completion date given MRTC for the next Annual Work Plan. There is no impact to the critical path.
- o Contract A157 Stage II Design has been rescheduled to reflect the target completion date given MRTC for the next Annual Work Plan. There is no impact to the Critical Path.

Reference: Page 3 of 10

- o Contract A185 Design has been rescheduled to reflect the target completion date given MRTC for the next Annual Work Plan. There is no impact to the critical path.
- o Contract A186 Design has been rescheduled to reflect the target completion date given MRTC for the next Annual Work Plan. There is no impact to the critical path.
- o Contract A187 Design has been rescheduled to reflect the target completion date given MRTC for the next Annual Work Plan. There is no impact to the critical path.
- o Contract A610 The Trackwork Installation Contract completion has been rescheduled due to the revised access milestone of Contract A130. This contract is on the critical path.

Reference: Page 4 of 10

- o Contract A620 The completion of the Automatic Train Control Contract has been rescheduled due to the revised completion milestone in the Union Station Stage II Contract. There is no impact to the contract start. This contract is on the critical path.
- o Contract A630 The completion of Traction Power Substation (TPSS) Equipment delivery has been accelerated due to the earlier completion milestone of the Union Station Stage II Contract. This contract is not on the critical path.
- o Contract A631 The completion of the TPSS Installation Contract has been rescheduled due to the revised completion milestone in the Union Station Stage II Contract. There is no impact to the contract start. This contract is on the critical path.
- o Contract A640 The completion date of the Communications Contract has been changed due to the realignment of Contract A130. There is no impact to the critical path.
- o Contract A650 The completion date of the Passenger Vehicle Contract has been changed due to the realignment of Contract A130. There is no impact to the critical path.

Reference: Page 5 of 10

- o Contract A760 The start of the Sign and Graphic Design Contract has been rescheduled due to higher priority of other work. There is no impact to the critical path.