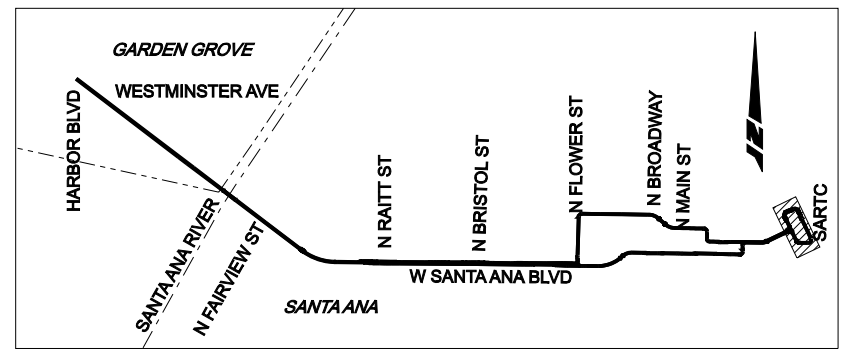
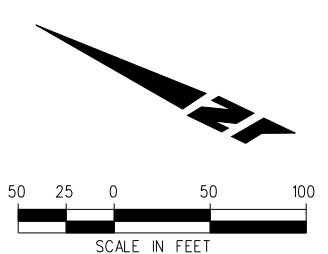
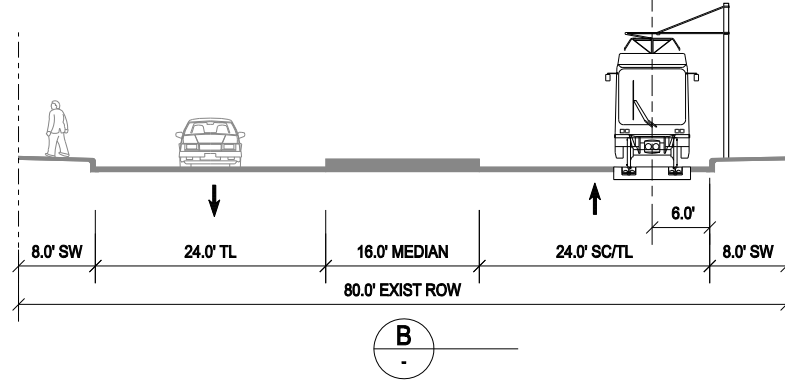
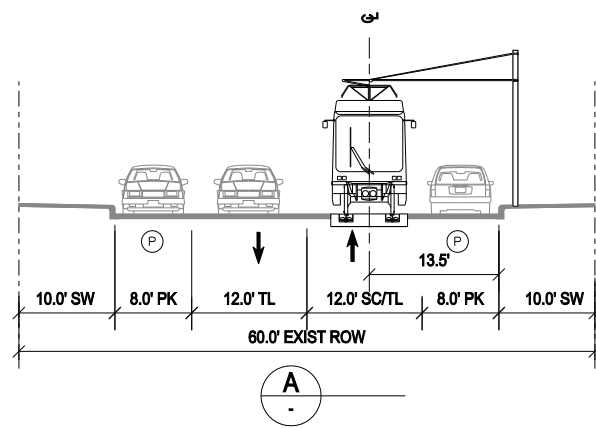


MATCH LINE WB STA 220+23 - SEE SHEET TR-22
 MATCH LINE EB STA 208+00 - SEE SHEET TR-22



LEGEND	DIRECTION OF TRAFFIC	→	BUILDING-REMOVAL		EASTBOUND EMBEDDED TRACK		EXISTING SIGNAL	
	PLATFORM		WORK LIMITS - ASPHALT		WESTBOUND EMBEDDED TRACK		EXISTING PED SIGNAL	
	GATE		WORK LIMITS - CONCRETE		EASTBOUND BALLASTED TRACK		NEW SIGNAL	
	PARKING		WORK LIMITS - BALLAST		WESTBOUND BALLASTED TRACK		ADD TRANSIT ONLY SIGNAL	

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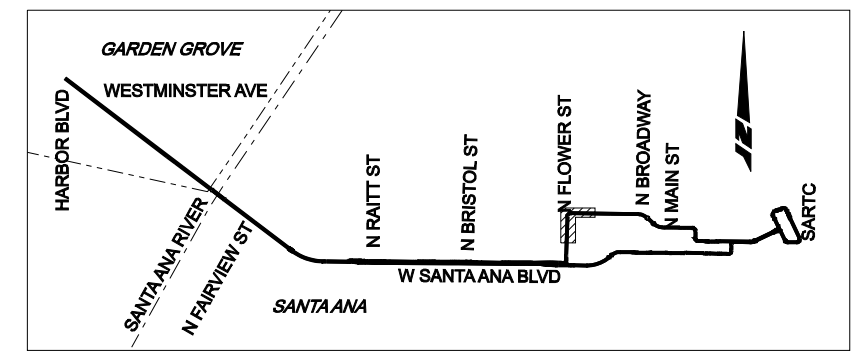
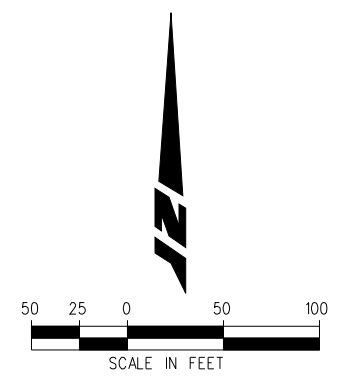
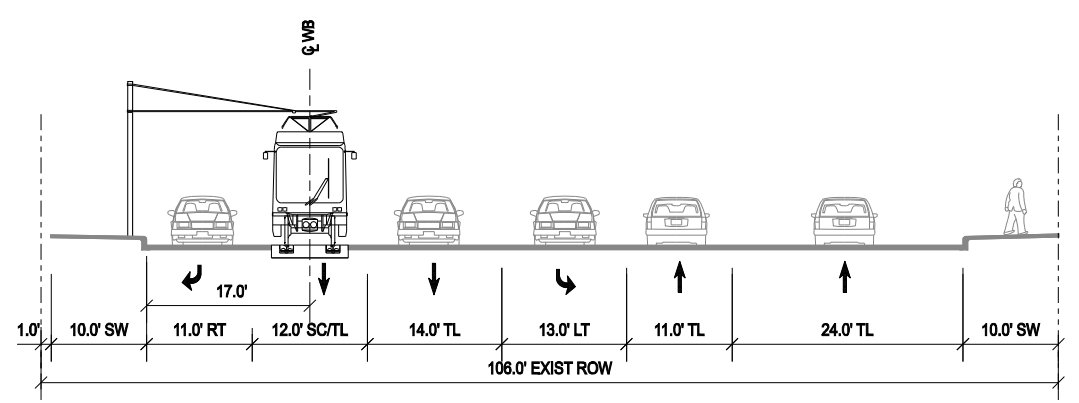
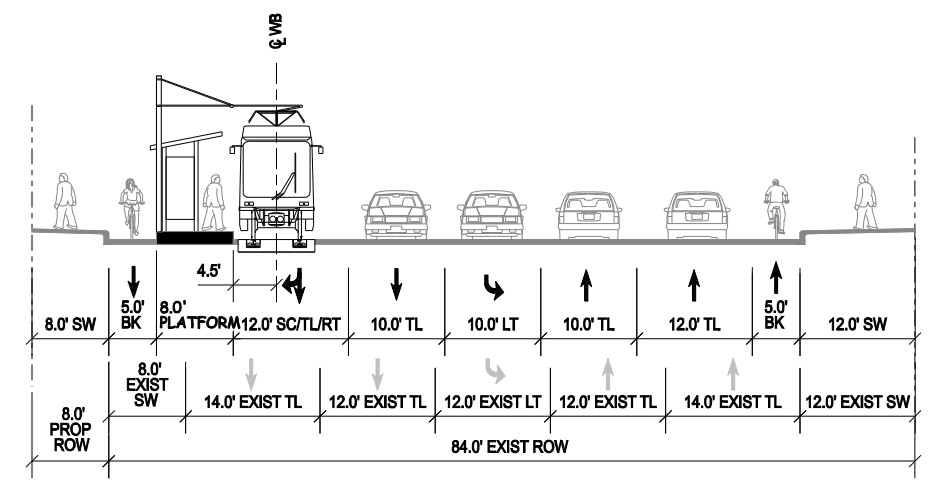
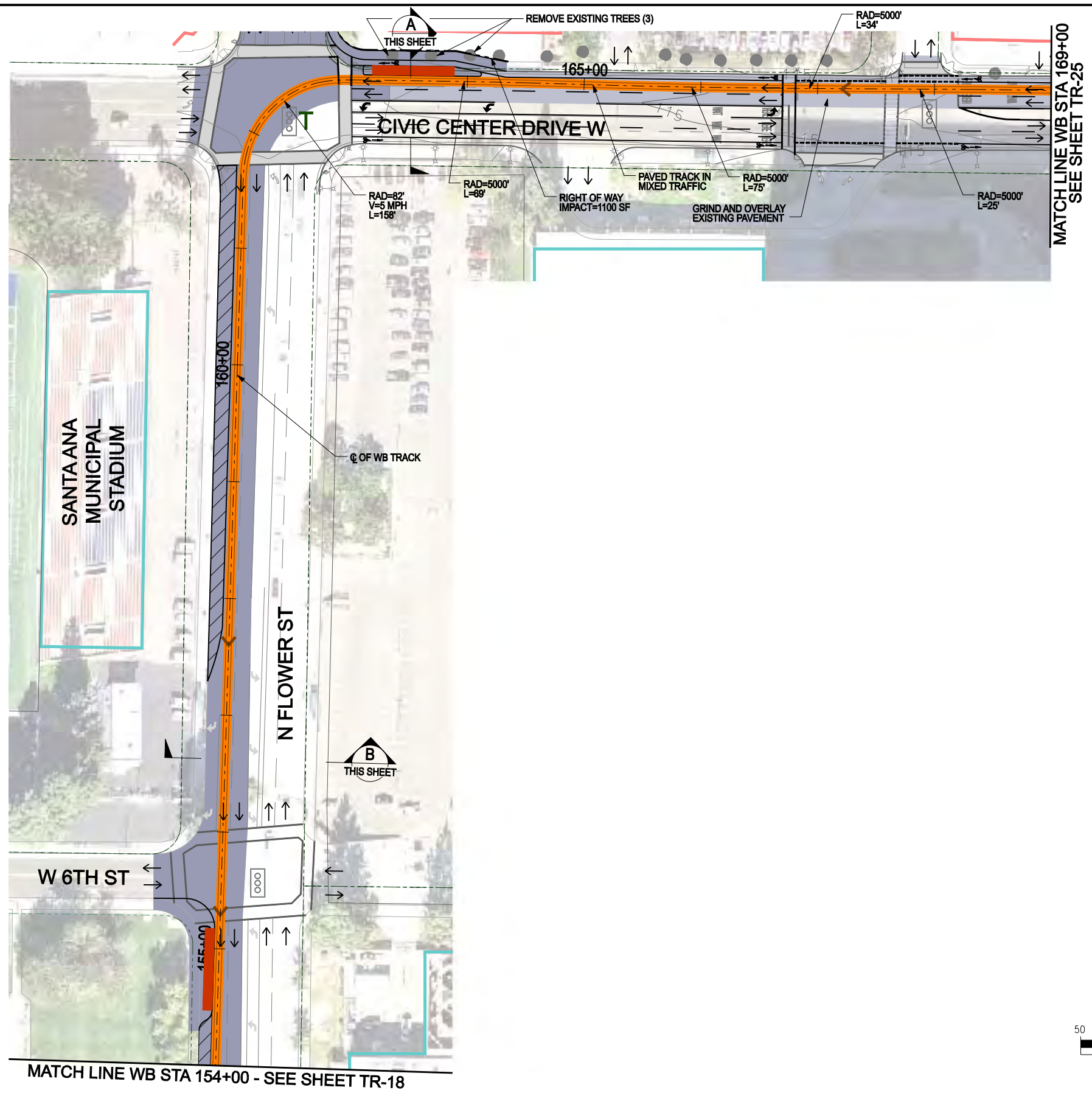
Santa Ana
 Education 1st

G GARDEN GROVE

**SANTA ANA AND GARDEN GROVE
 FIXED GUIDEWAY CORRIDOR**

TRACK ALIGNMENT AND RDWY IMPROVEMENTS
 DOWNTOWN SEGMENT - ALT2
 STA 208+00 EB TO SARTC

DRAWING NO.	TR - 23
SHEET NO.	
SCALE	



KEY MAP (ALT 2)

LEGEND	DIRECTION OF TRAFFIC	→	BUILDING-REMOVAL		EASTBOUND EMBEDDED TRACK		EXISTING SIGNAL	
	PLATFORM		WORK LIMITS - ASPHALT		WESTBOUND EMBEDDED TRACK		EXISTING PED SIGNAL	
	GATE		WORK LIMITS - CONCRETE		EASTBOUND BALLASTED TRACK		NEW SIGNAL	
	PARKING		WORK LIMITS - BALLAST		WESTBOUND BALLASTED TRACK		ADD TRANSIT ONLY SIGNAL	
NEW ROW	- - - -							
STRUCTURE								

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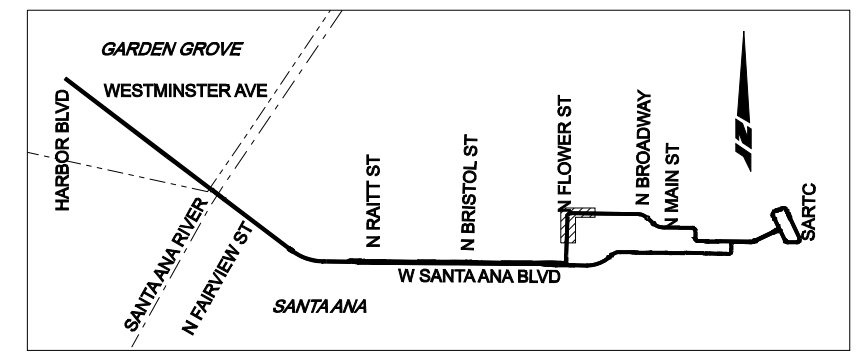
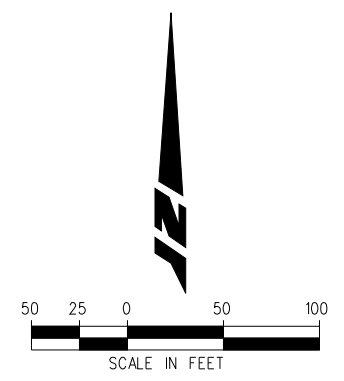
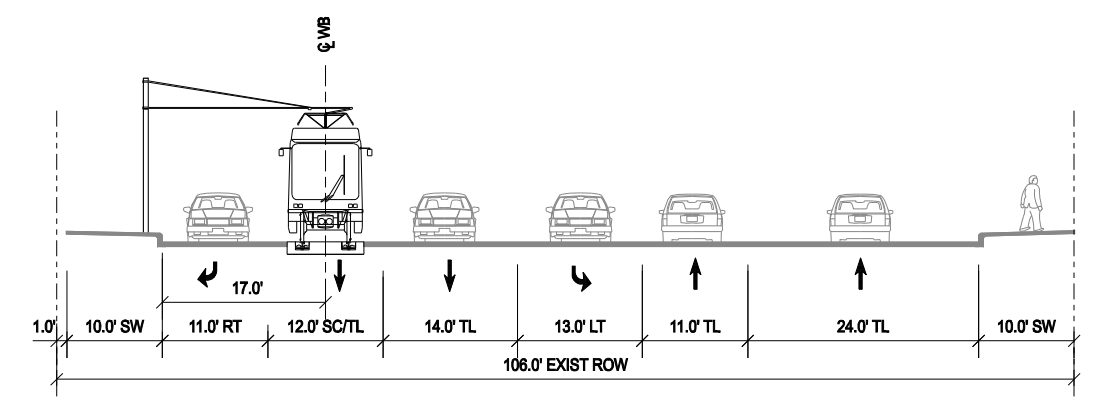
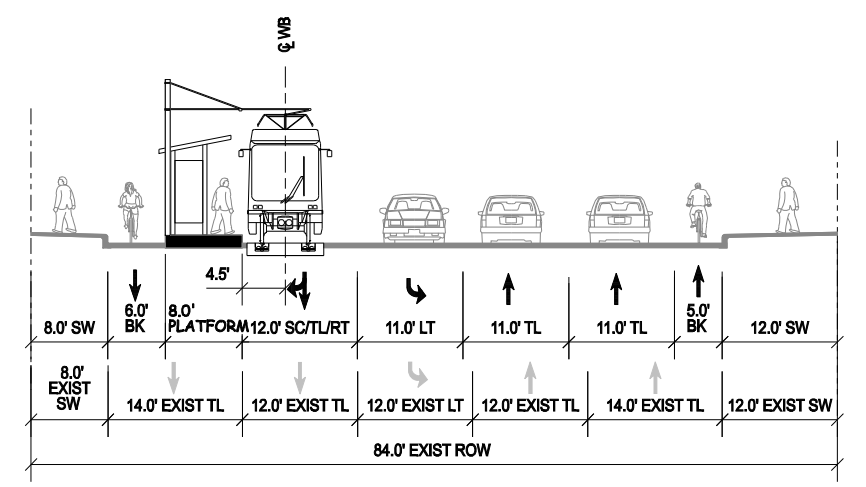
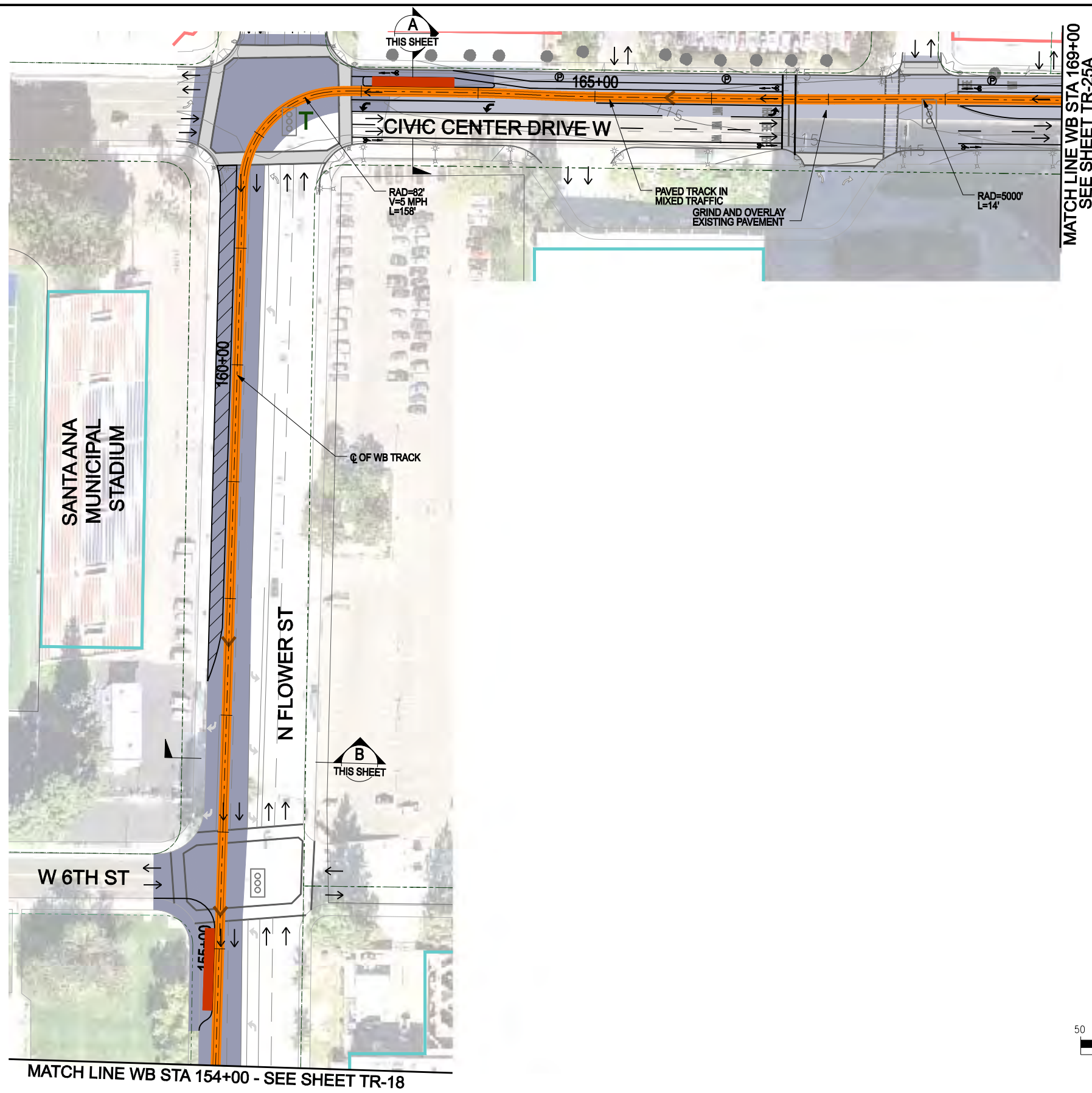
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Santa Ana Education 1st

GARDEN GROVE

SANTA ANA AND GARDEN GROVE FIXED GUIDEWAY CORRIDOR
 DOWNTOWN SEGMENT - ALT 2
 CIVIC CENTER DRIVE OPTION A
 STA 154+00 TO STA 169+00 WB

DRAWING NO.	TR - 24A
SHEET NO.	
SCALE	



KEY MAP (ALT 2)

MATCH LINE WB STA 154+00 - SEE SHEET TR-18

SCALE IN FEET

LEGEND	DIRECTION OF TRAFFIC	→	BUILDING-REMOVAL		EASTBOUND EMBEDDED TRACK		EXISTING SIGNAL	
	PLATFORM		WORK LIMITS - ASPHALT		WESTBOUND EMBEDDED TRACK		EXISTING PED SIGNAL	
	GATE		WORK LIMITS - CONCRETE		EASTBOUND BALLASTED TRACK		NEW SIGNAL	
	PARKING		WORK LIMITS - BALLAST		WESTBOUND BALLASTED TRACK		ADD TRANSIT ONLY SIGNAL	

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OCTA

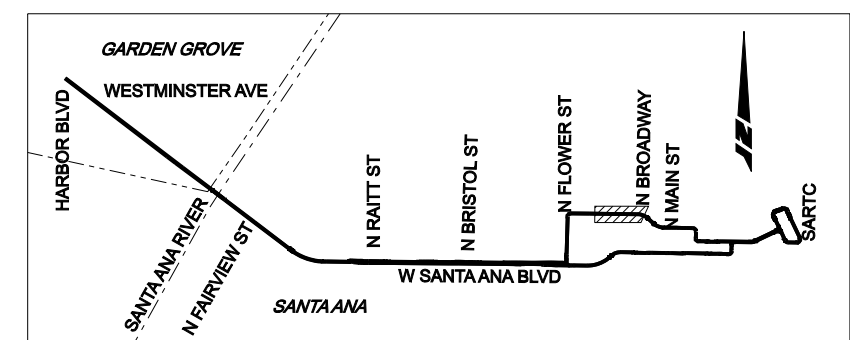
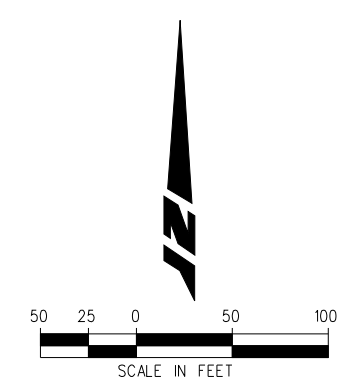
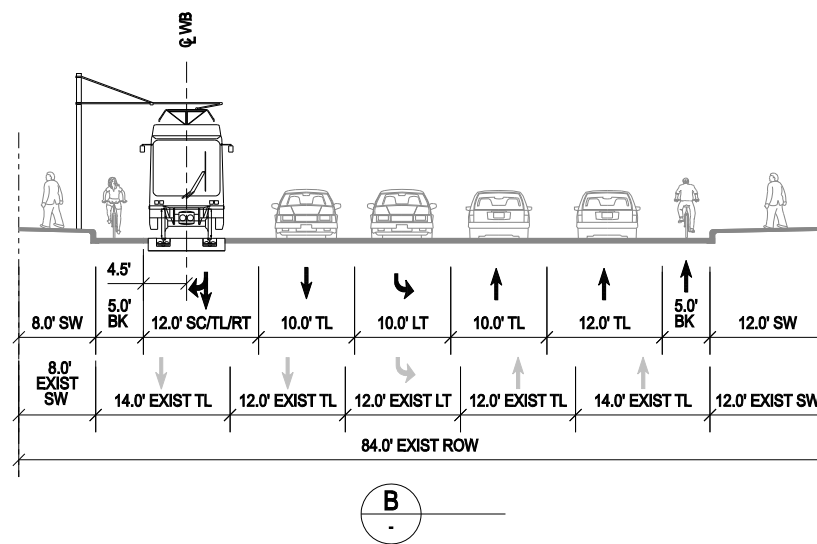
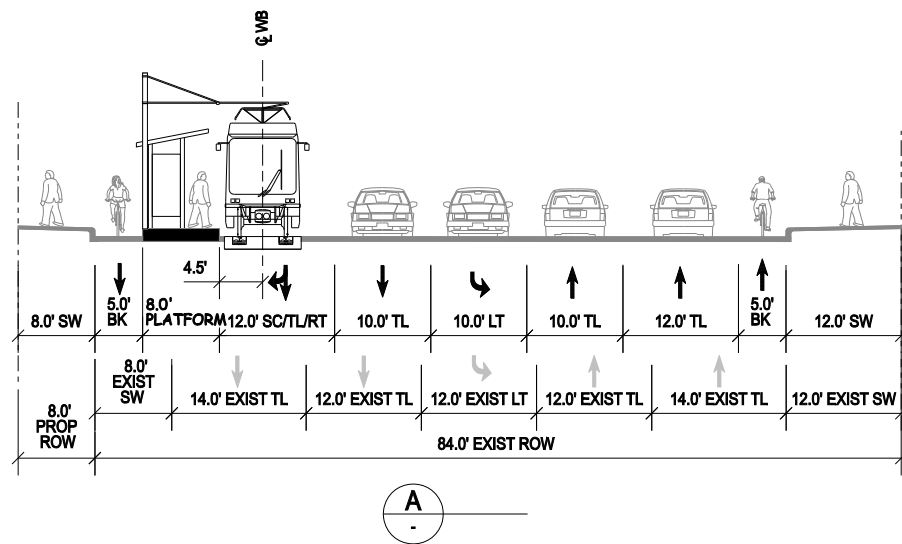
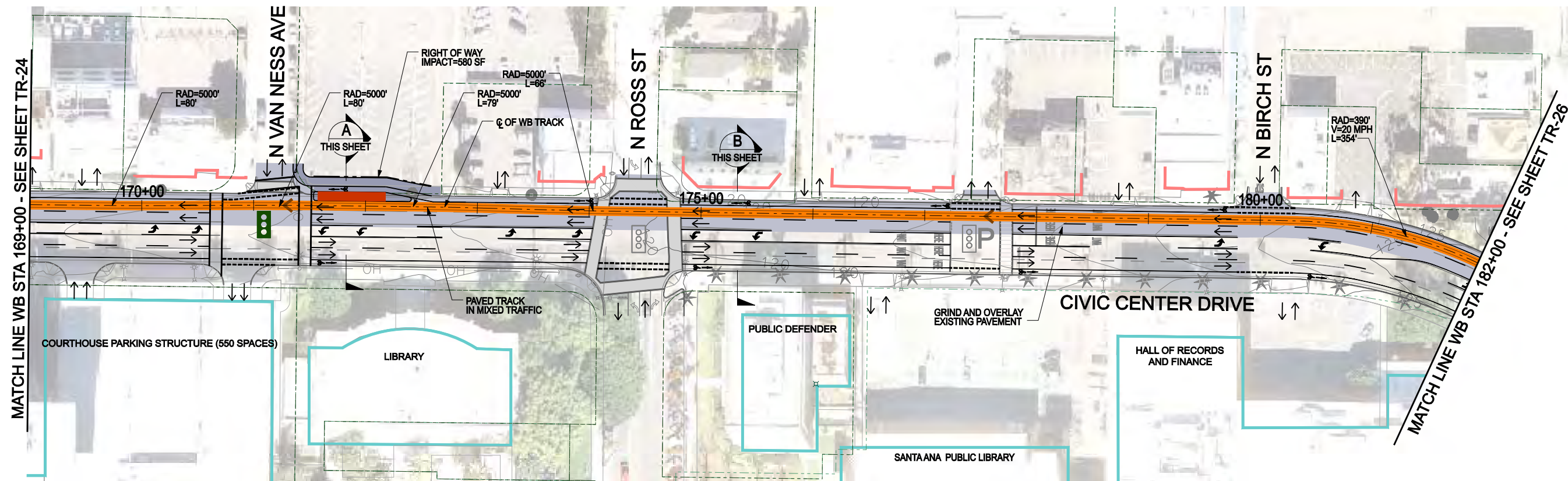
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GARDEN GROVE

**SANTA ANA AND GARDEN GROVE
 FIXED GUIDEWAY CORRIDOR**

DOWNTOWN SEGMENT - ALT 2
 CIVIC CENTER DRIVE OPTION B
 STA 154+00 TO STA 169+00 WB

DRAWING NO.	TR - 24B
SHEET NO.	
SCALE	



KEY MAP (ALT 2)

LEGEND	DIRECTION OF TRAFFIC →	BUILDING-REMOVAL	EASTBOUND EMBEDDED TRACK	EXISTING SIGNAL
	PLATFORM	WORK LIMITS - ASPHALT	WESTBOUND EMBEDDED TRACK	EXISTING PED SIGNAL
	GATE	WORK LIMITS - CONCRETE	EASTBOUND BALLASTED TRACK	NEW SIGNAL
	PARKING	WORK LIMITS - BALLAST	WESTBOUND BALLASTED TRACK	ADD TRANSIT ONLY SIGNAL
NEW ROW - - - - -				
STRUCTURE				

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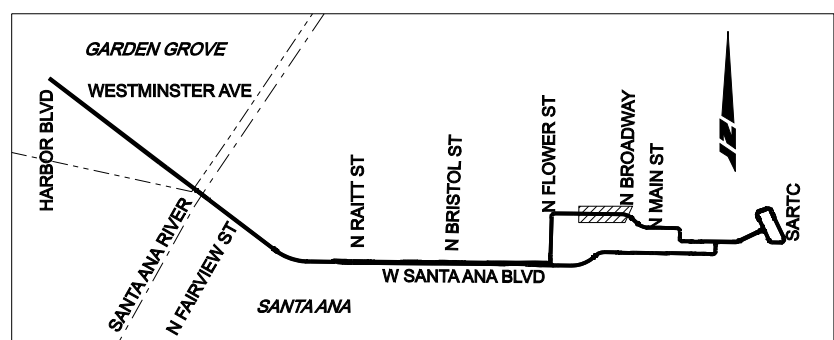
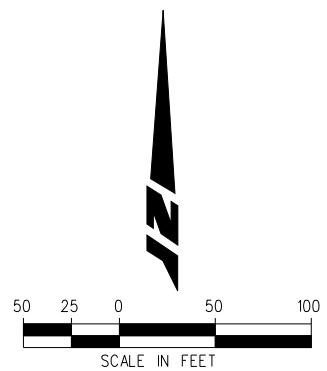
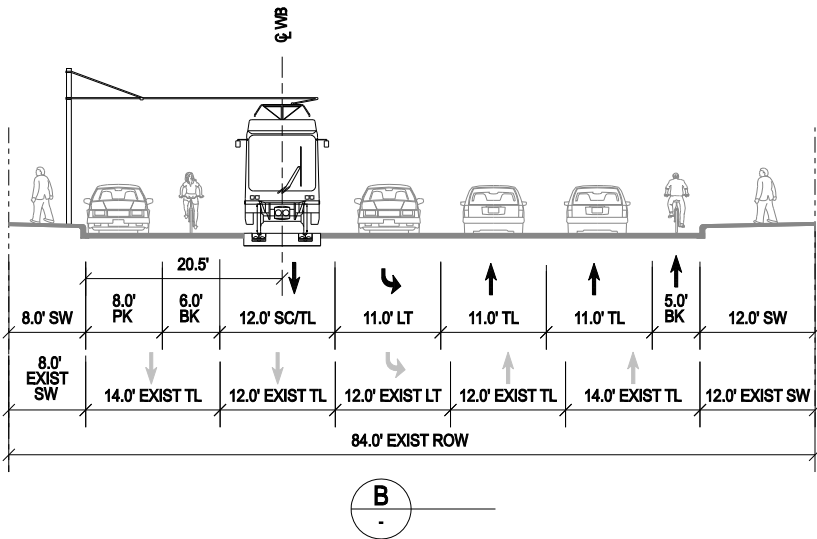
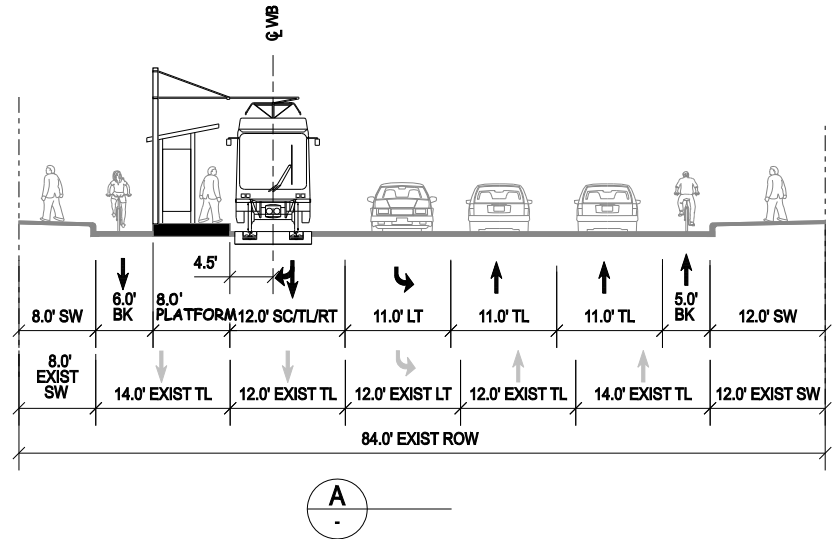
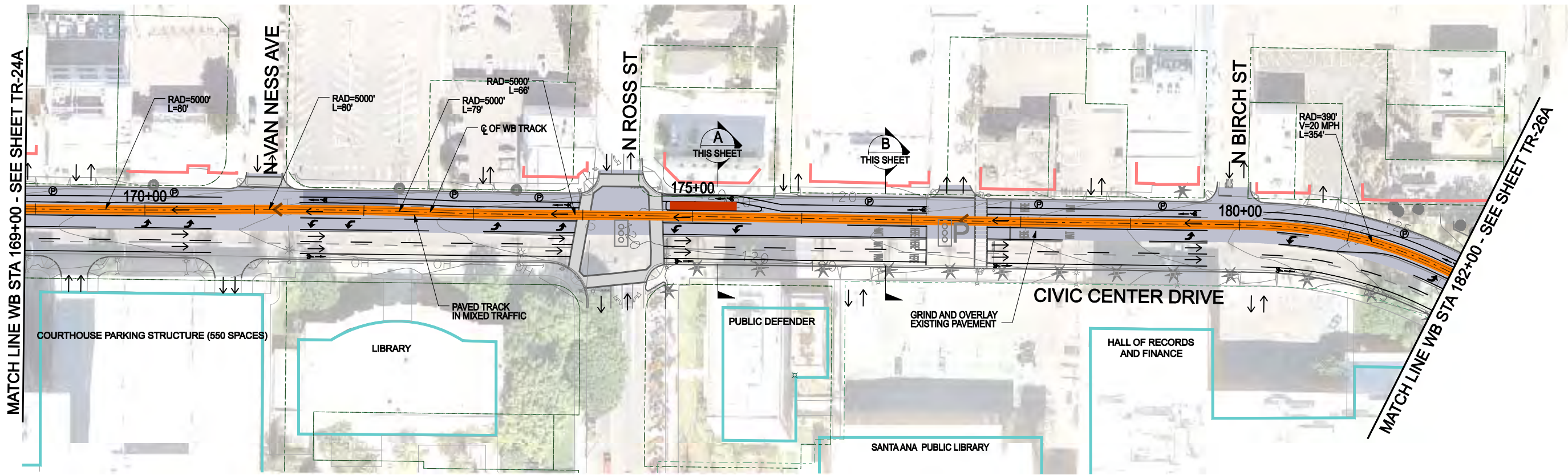
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G GARDEN GROVE

**SANTA ANA AND GARDEN GROVE
 FIXED GUIDEWAY CORRIDOR**

DOWNTOWN SEGMENT - ALT 2
 CIVIC CENTER DRIVE OPTION A
 STA 169+00 TO STA 182+00 WB

DRAWING NO.	TR - 25A
SHEET NO.	
SCALE	



KEY MAP (ALT 2)

LEGEND	DIRECTION OF TRAFFIC →	BUILDING-REMOVAL	EASTBOUND EMBEDDED TRACK	EXISTING SIGNAL
	PLATFORM	WORK LIMITS - ASPHALT	WESTBOUND EMBEDDED TRACK	EXISTING PED SIGNAL
	GATE	WORK LIMITS - CONCRETE	EASTBOUND BALLASTED TRACK	NEW SIGNAL
	PARKING	WORK LIMITS - BALLAST	WESTBOUND BALLASTED TRACK	ADD TRANSIT ONLY SIGNAL

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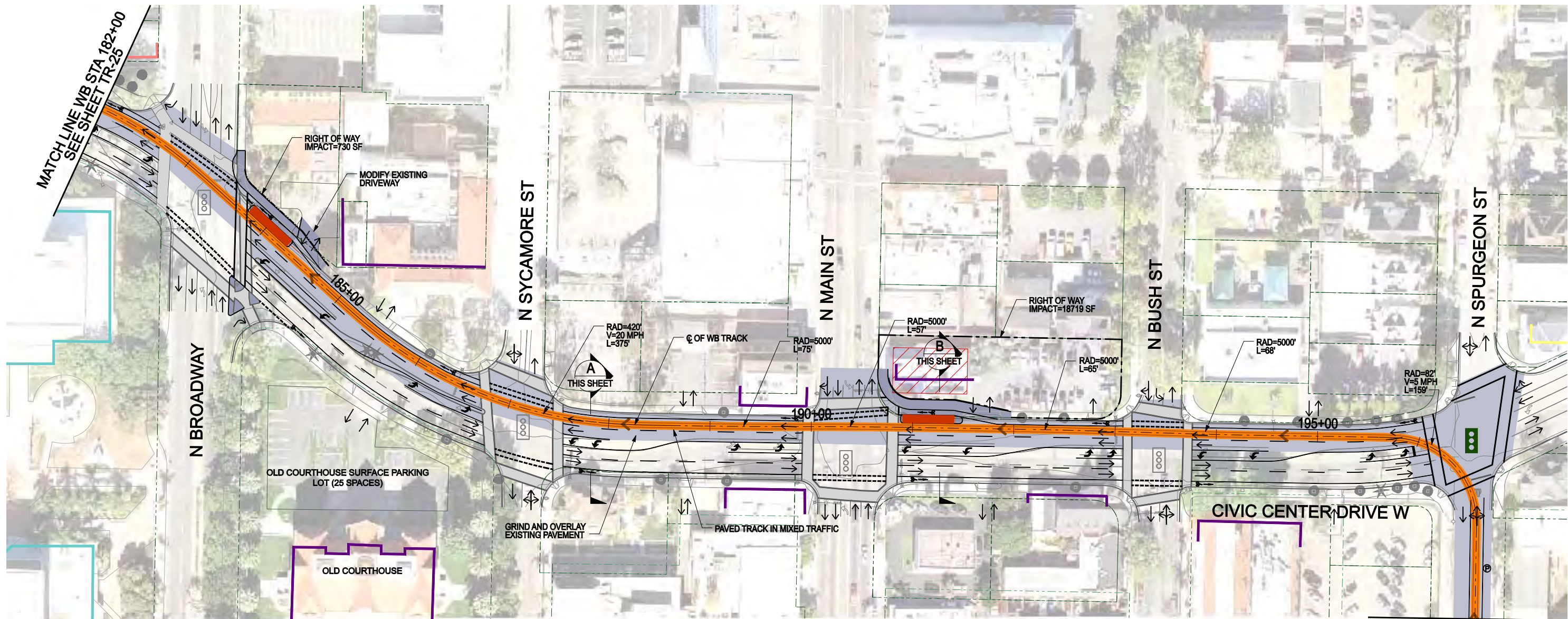
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G GARDEN GROVE

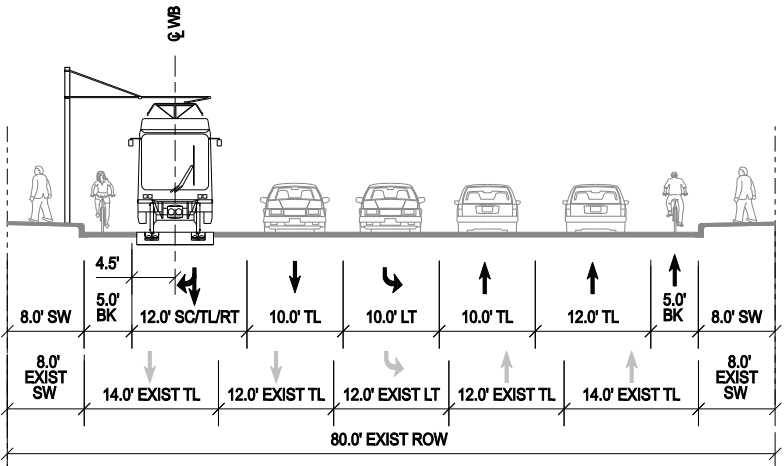
**SANTA ANA AND GARDEN GROVE
 FIXED GUIDEWAY CORRIDOR**

DOWNTOWN SEGMENT - ALT 2
 CIVIC CENTER DRIVE OPTION B
 STA 169+00 TO STA 182+00 WB

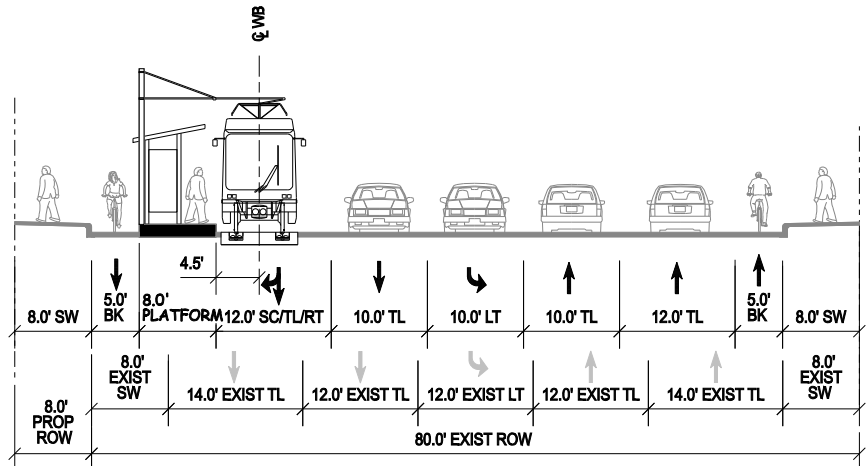
DRAWING NO.	TR - 25B
SHEET NO.	
SCALE	



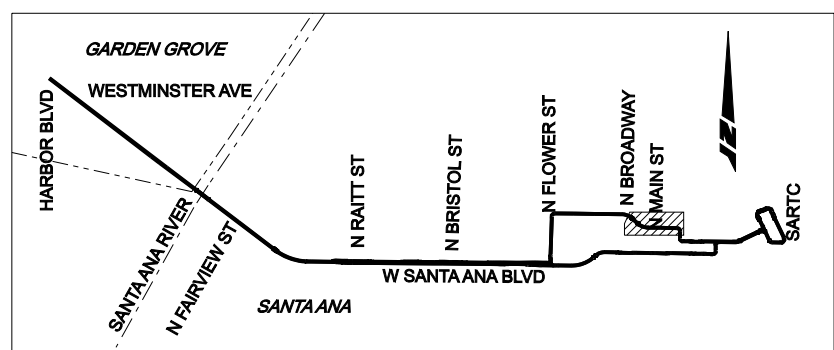
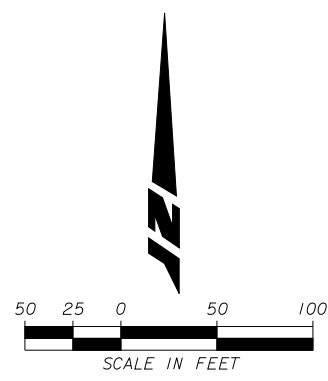
MATCH LINE WB STA 198+00
SEE SHEET TR-21



A



B



KEY MAP (ALT 2)

LEGEND	DIRECTION OF TRAFFIC →	BUILDING-REMOVAL	EASTBOUND EMBEDDED TRACK	EXISTING SIGNAL
	PLATFORM	WORK LIMITS - ASPHALT	WESTBOUND EMBEDDED TRACK	EXISTING PED SIGNAL
	GATE	WORK LIMITS - CONCRETE	EASTBOUND BALLASTED TRACK	NEW SIGNAL
	PARKING	WORK LIMITS - BALLAST	WESTBOUND BALLASTED TRACK	ADD TRANSIT ONLY SIGNAL
NEW ROW - - - - -				
STRUCTURE				

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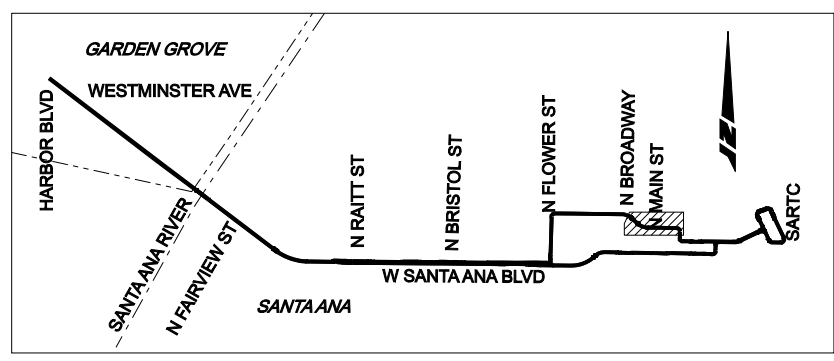
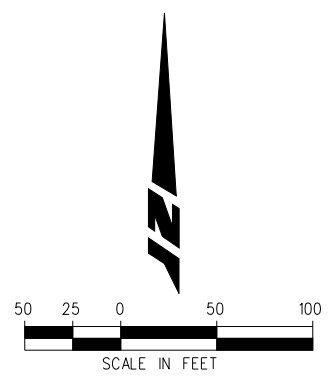
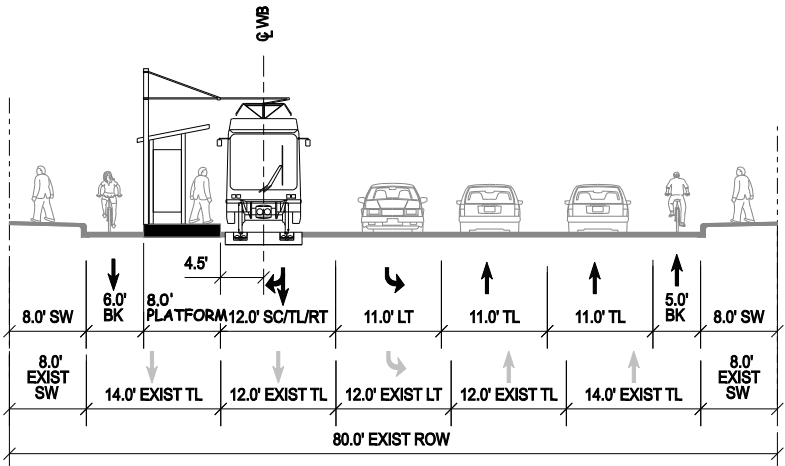
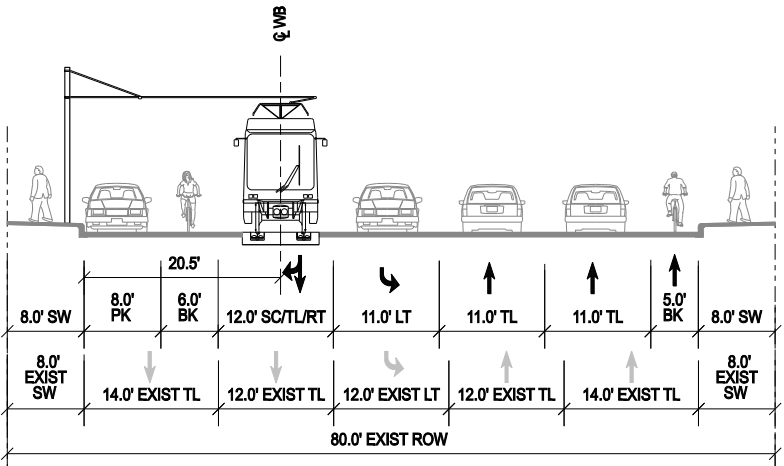
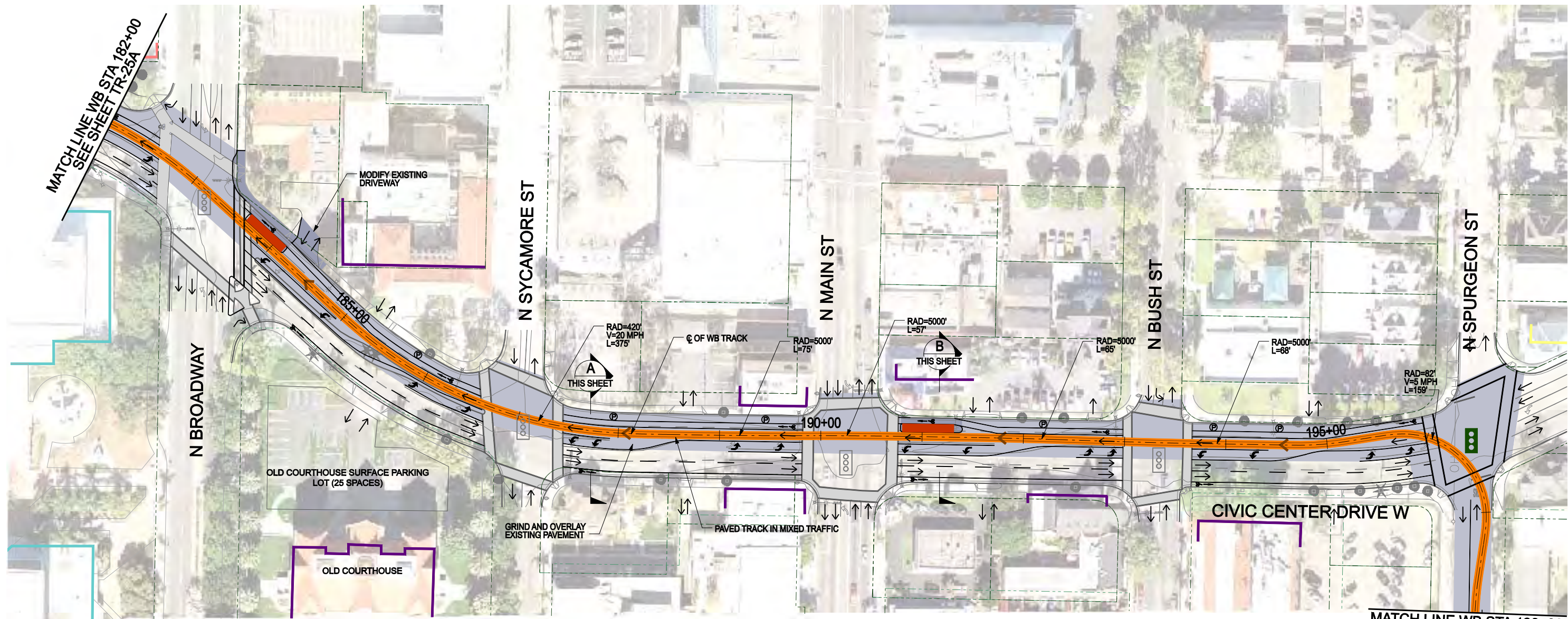
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GARDEN GROVE

**SANTA ANA AND GARDEN GROVE
FIXED GUIDEWAY CORRIDOR**

TRACK ALIGNMENT AND RDWY IMPROVEMENTS
DOWNTOWN SEGMENT - ALT2
STA 182+00 WB TO 198+00 WB

DRAWING NO.	TR-26
SHEET NO.	OF 28
SCALE	



KEY MAP (ALT 2)

LEGEND	DIRECTION OF TRAFFIC →	BUILDING-REMOVAL	EASTBOUND EMBEDDED TRACK	EXISTING SIGNAL
	PLATFORM	WORK LIMITS - ASPHALT	WESTBOUND EMBEDDED TRACK	EXISTING PED SIGNAL
	GATE	WORK LIMITS - CONCRETE	EASTBOUND BALLASTED TRACK	NEW SIGNAL
	PARKING	WORK LIMITS - BALLAST	WESTBOUND BALLASTED TRACK	ADD TRANSIT ONLY SIGNAL
NEW ROW - - - - -				
STRUCTURE				

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GARDEN GROVE

**SANTA ANA AND GARDEN GROVE
 FIXED GUIDEWAY CORRIDOR**

DOWNTOWN SEGMENT - ALT 2
 CIVIC CENTER DRIVE OPTION B
 STA 182+00 TO STA 198+00 WB

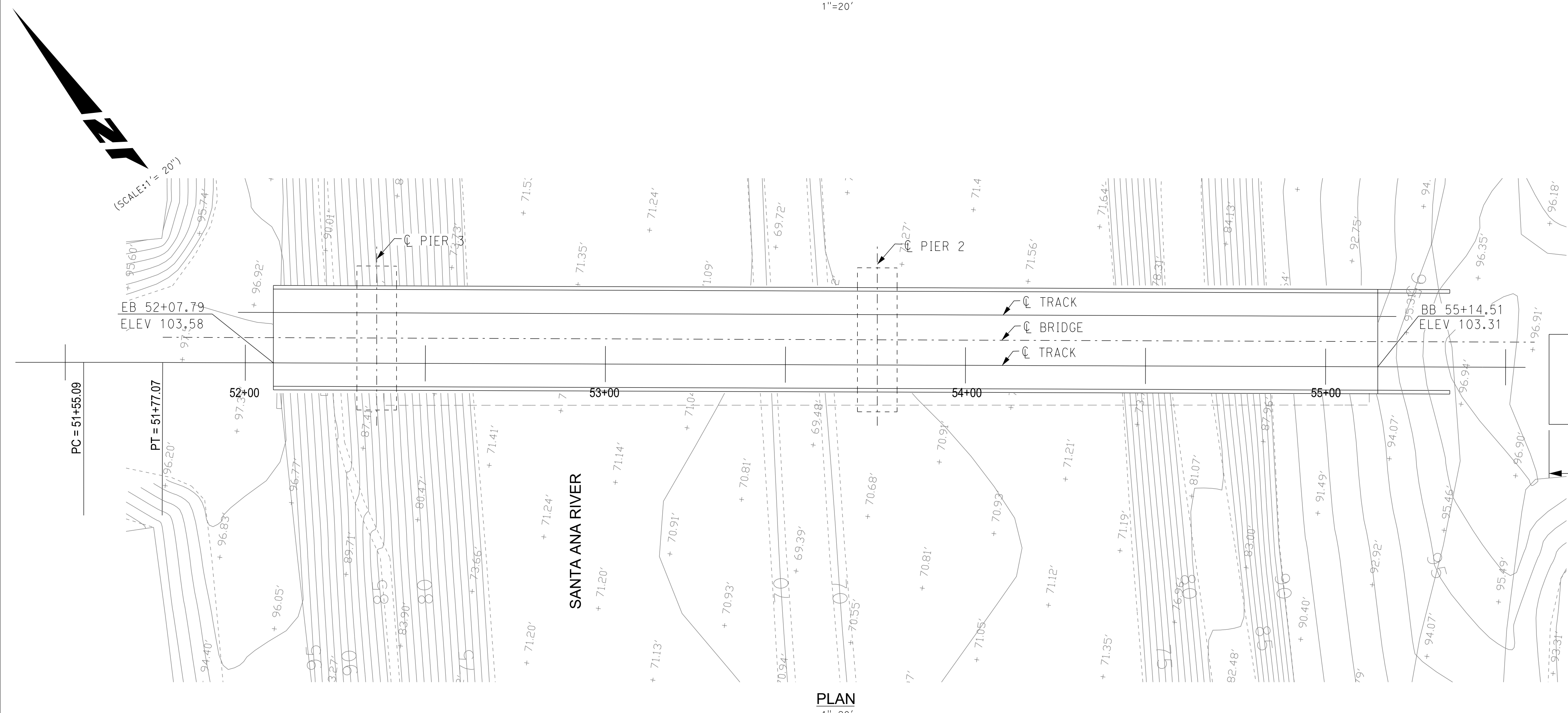
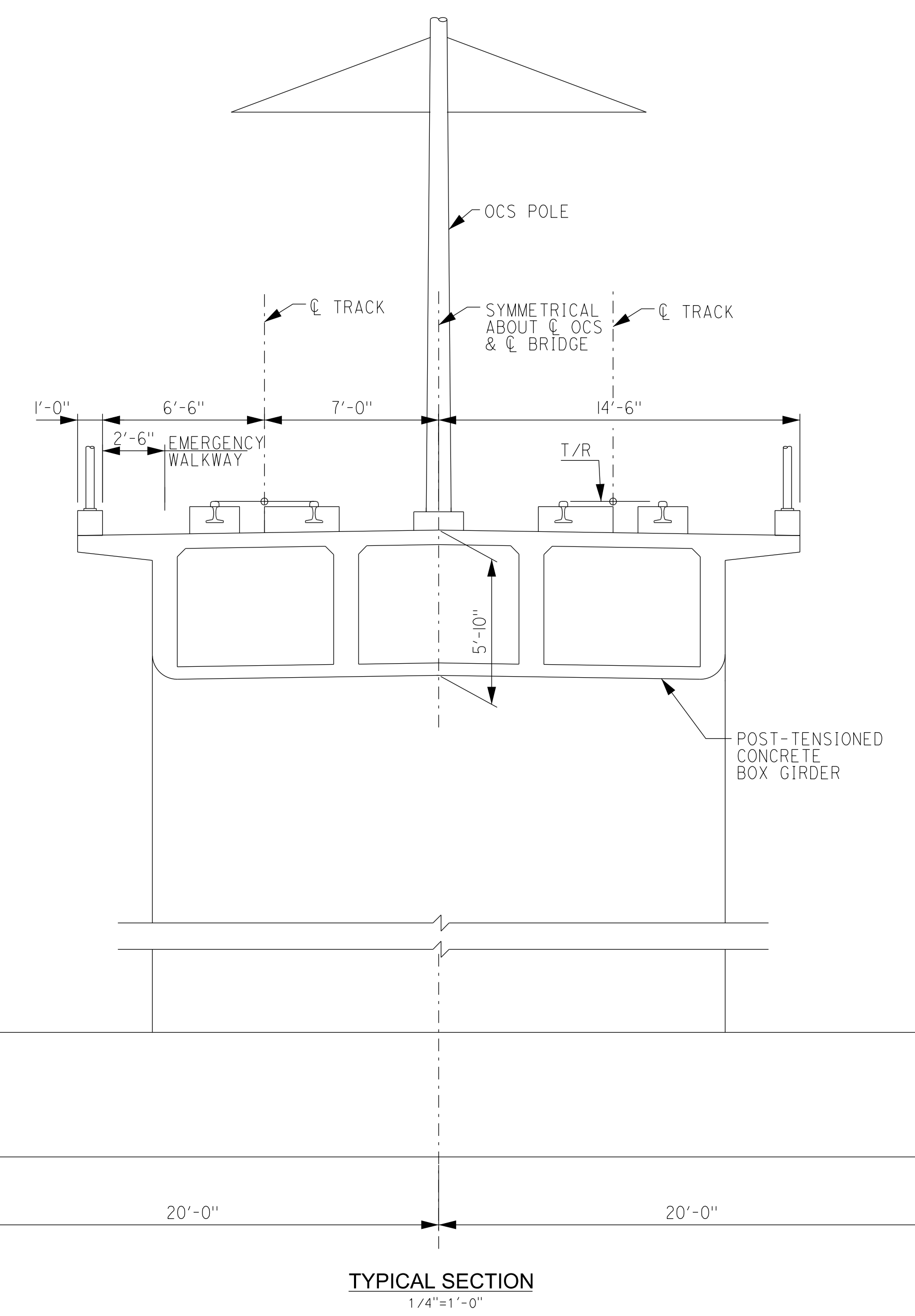
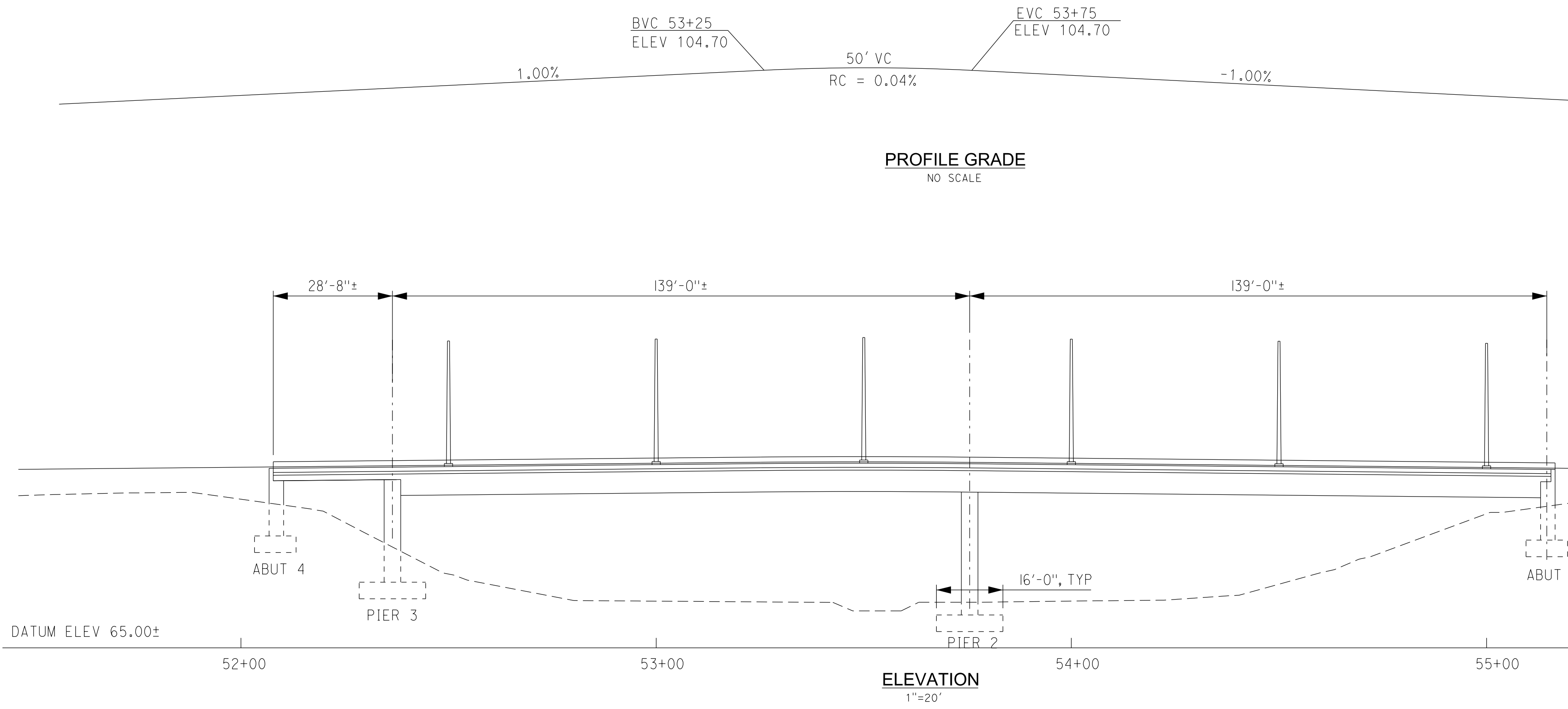
DRAWING NO.	TR - 26B
SHEET NO.	
SCALE	



Santa Ana and Garden Grove Fixed Guideway Corridor

SECTION 2: STRUCTURAL FACILITIES





- NOTES:**
- EXIST BRIDGE NOT SHOWN.
 - FOR EXISTING BRIDGE RELOCATION, SEE "EXIST BRIDGE RELOCATION - OPTION 1" SHEET.

Plot Driver= \$PLTDRVS\$ Pentable= \$PENTBLS\$

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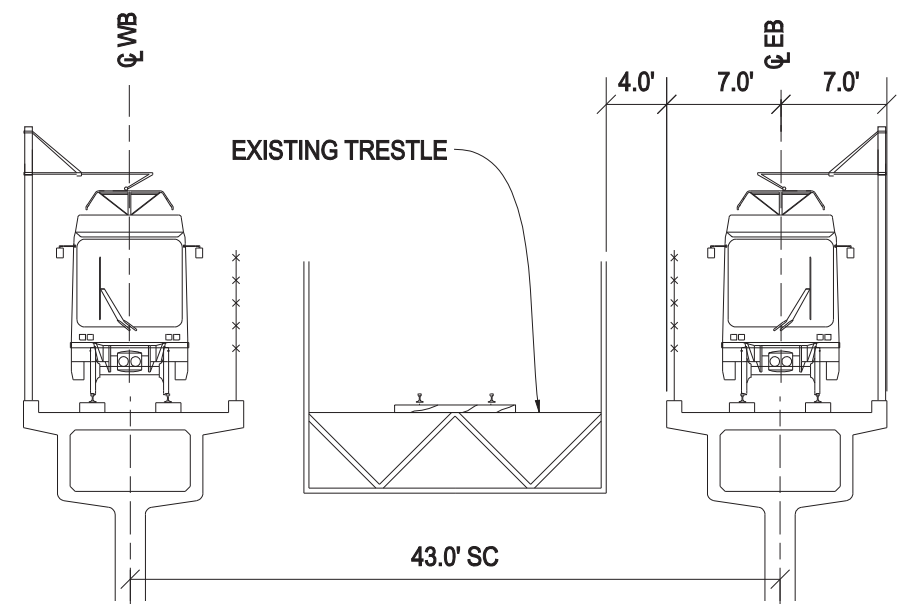
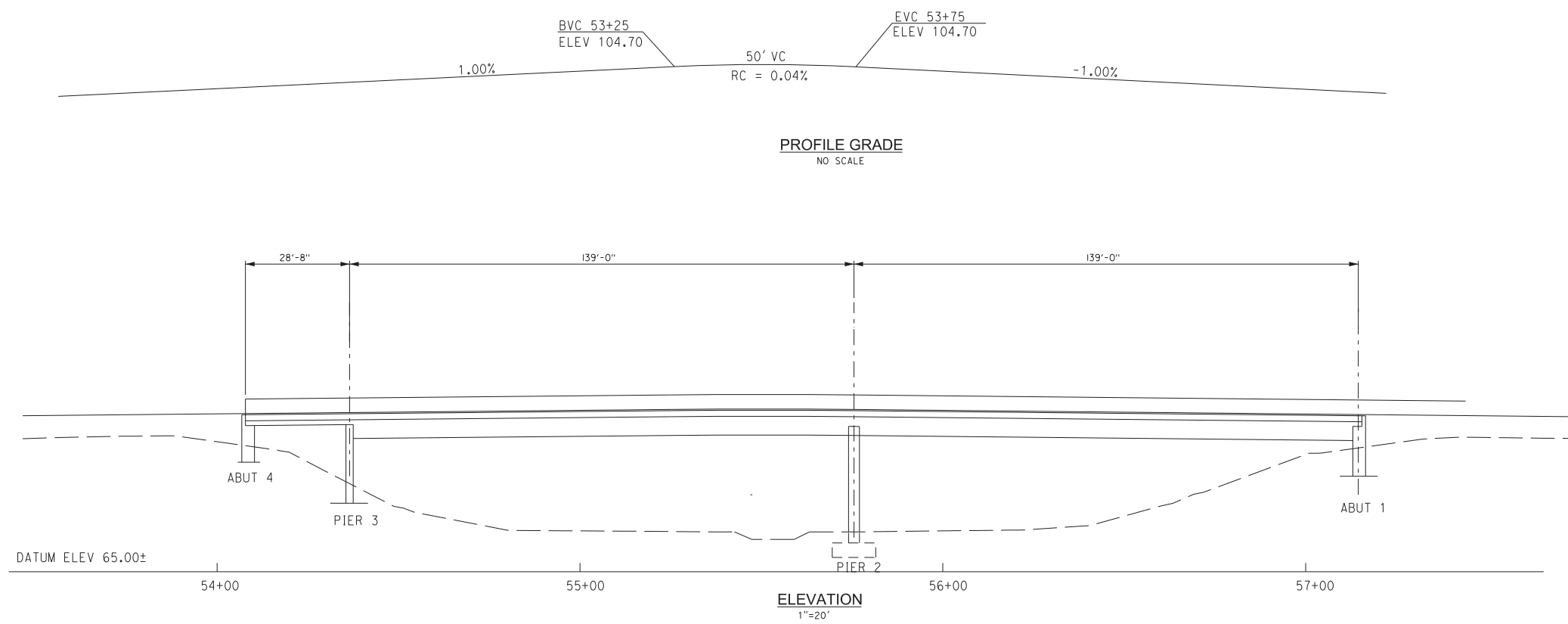
HNTB
 HNTB Corporation
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 SANTA ANA, CALIFORNIA 92705
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**SANTA ANA AND GARDEN GROVE
 FIXED GUIDEWAY CORRIDOR**

SANTA ANA RIVER BRIDGE
 OPTION 1: BRIDGE REPLACEMENT

DRAWING NO.	S-01A
SHEET NO.	OF
SCALE	



Plot Driver= \$PLTRV\$ Pentable= \$PENTBL\$

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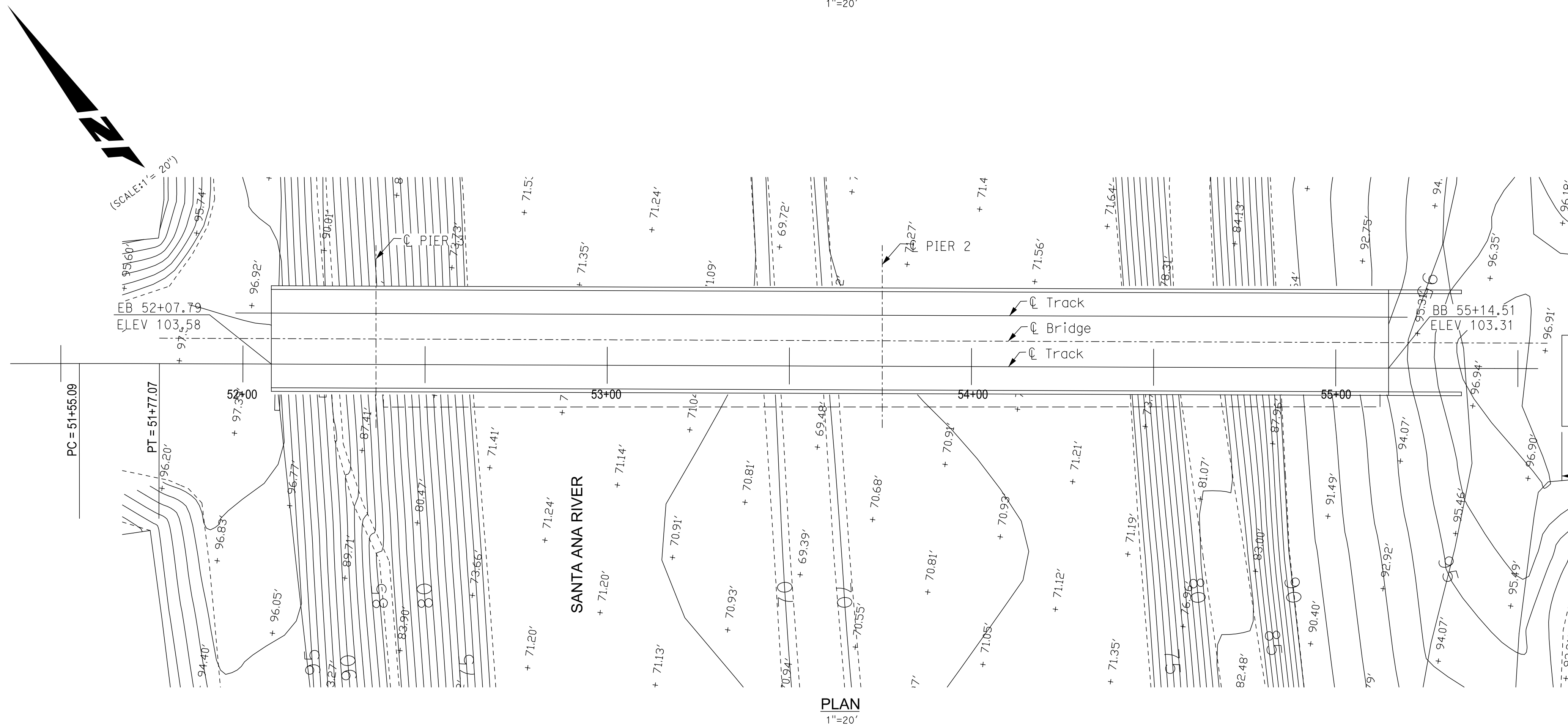
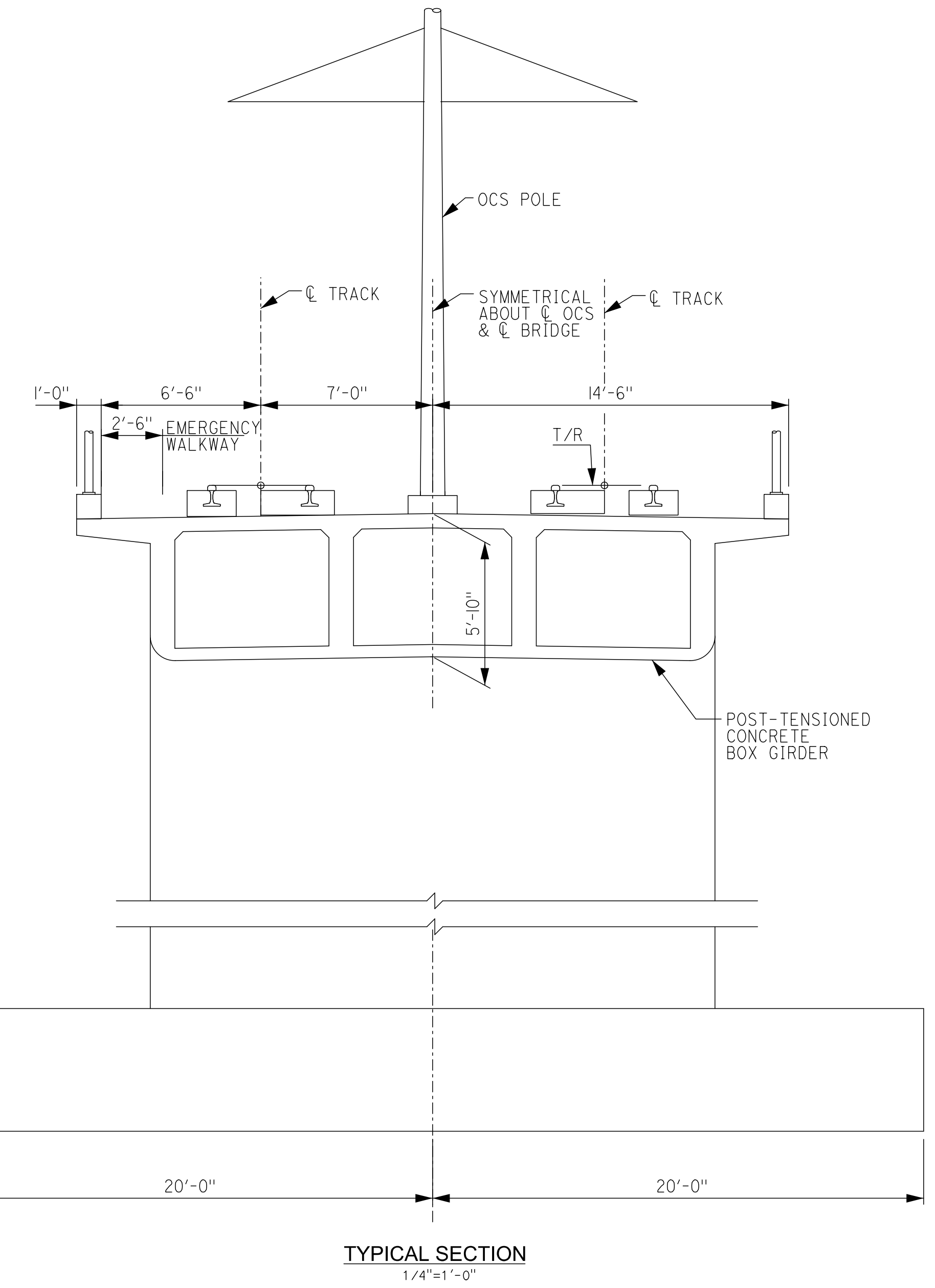
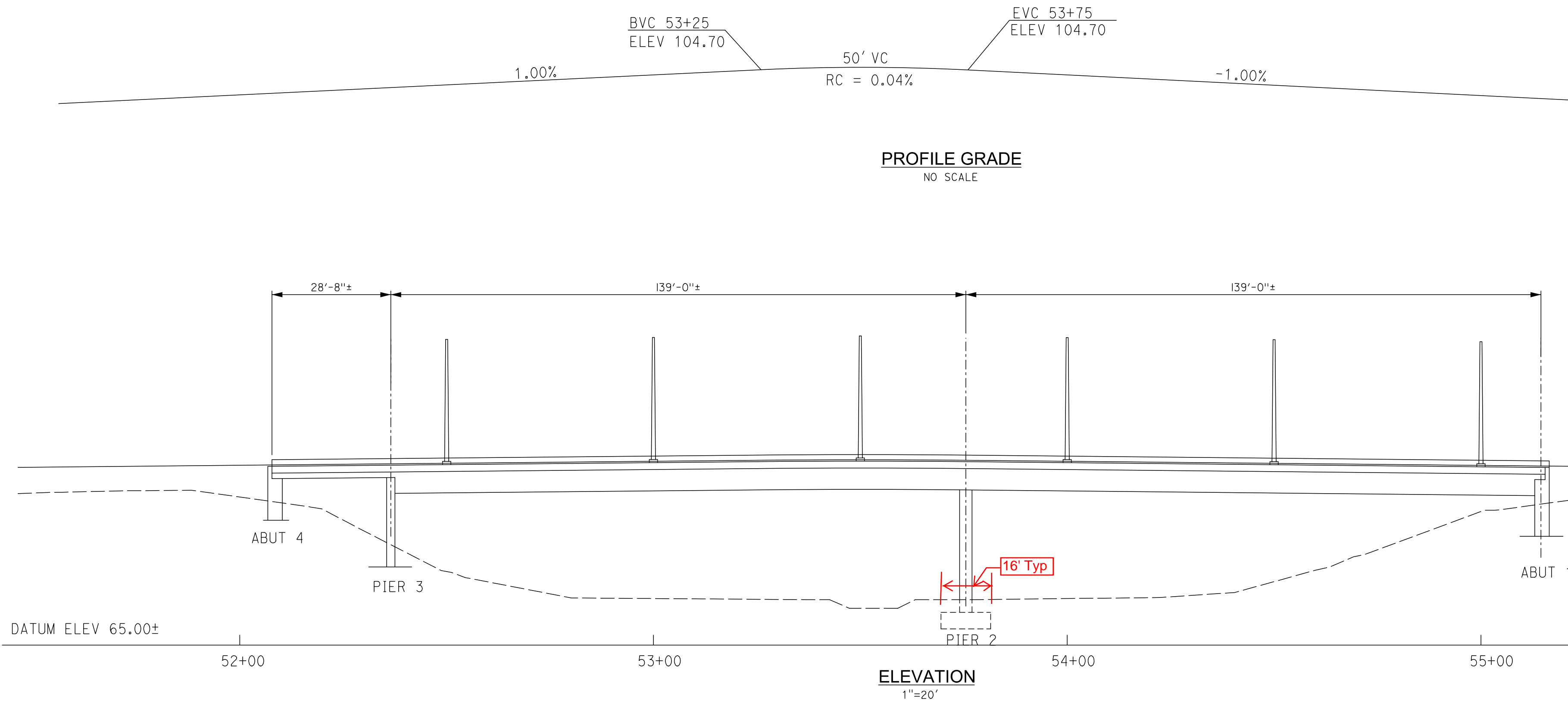
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**SANTA ANA AND GARDEN GROVE
 FIXED GUIDEWAY CORRIDOR**

SANTA ANA RIVER BRIDGE
 OPTION 2: BRIDGE AVOIDANCE OPTION A

DRAWING NO. SR - 01B
SHEET NO.
SCALE



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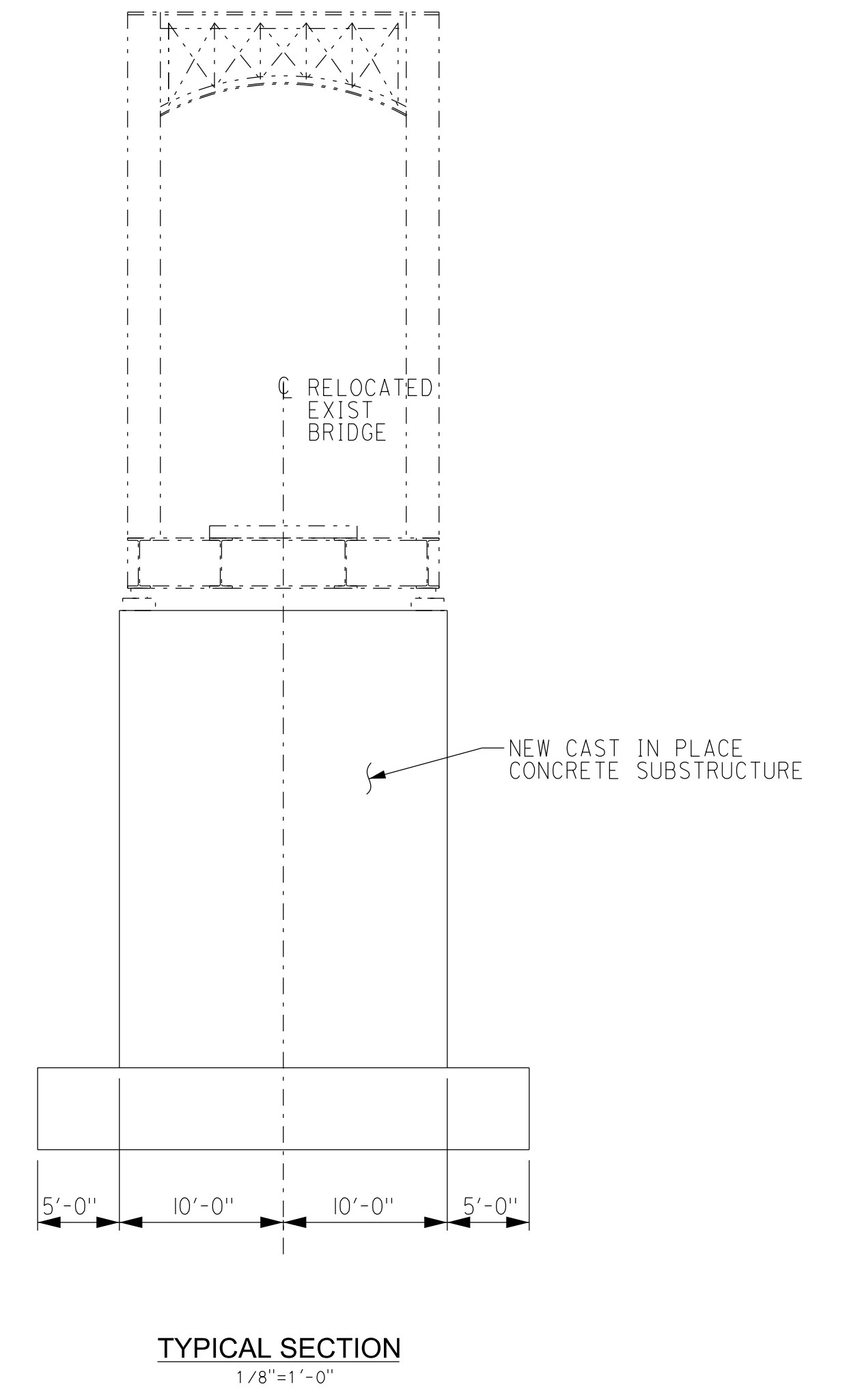
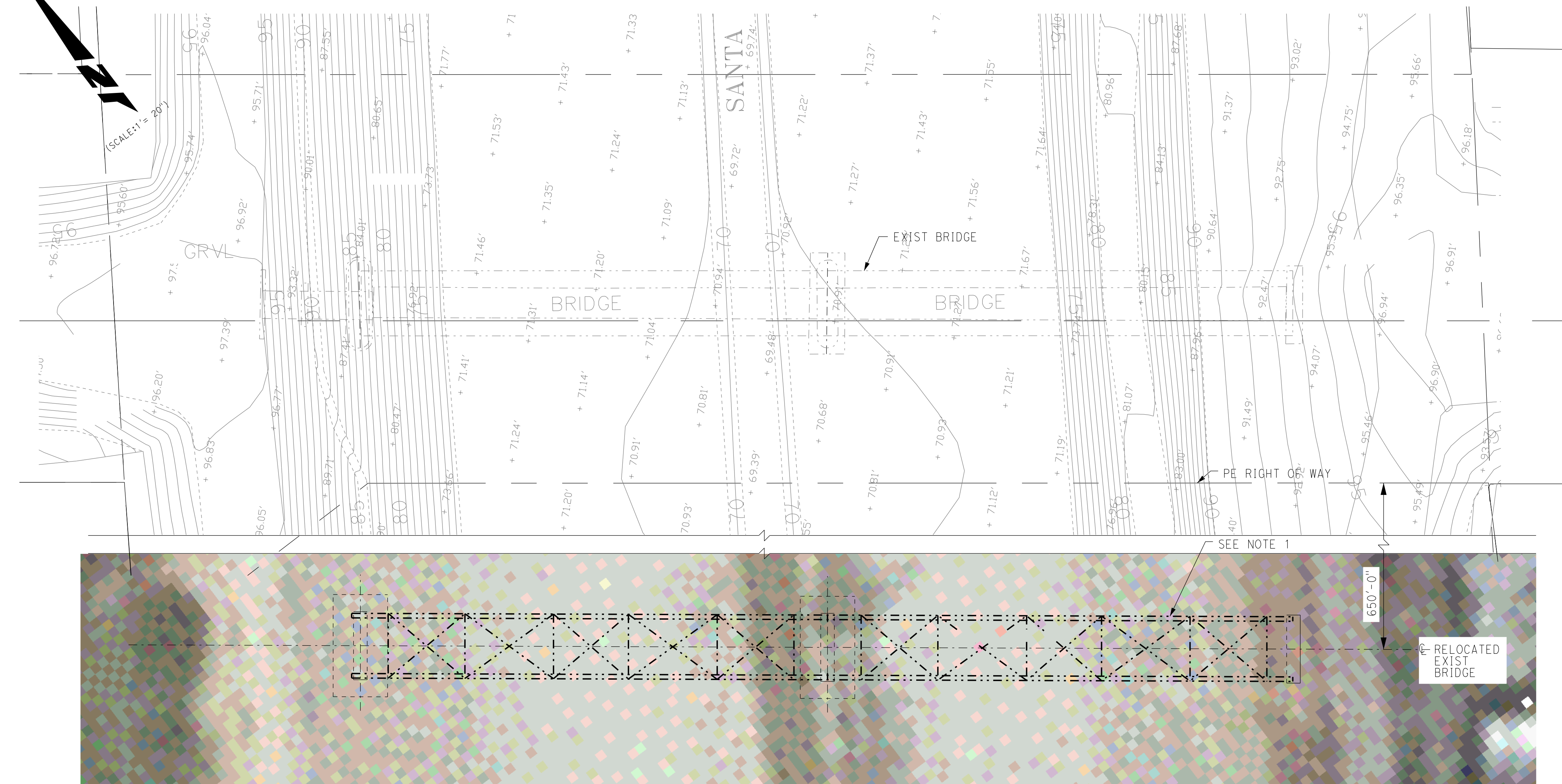
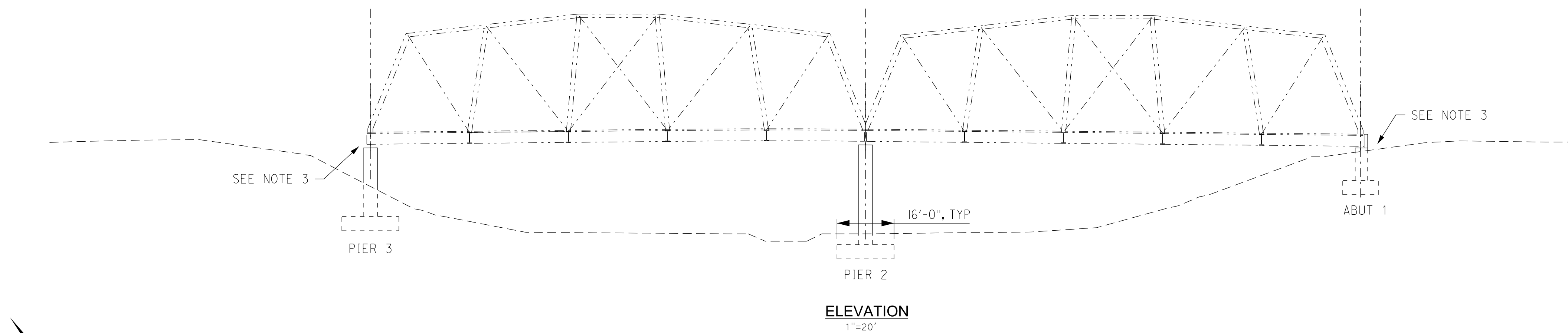
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Education 1st

G GARDEN GROVE

**SANTA ANA AND GARDEN GROVE
FIXED GUIDEWAY CORRIDOR**

SANTA ANA RIVER BRIDGE
OPTION 3: BRIDGE RELOCATION
(NEW BRIDGE)

DRAWING NO.	SR-01C
SHEET NO.	OF
SCALE	



- NOTES:**
- EXIST BRIDGE TO BE RELOCATED 650' SOUTH OF ROW.
 - THE EXISTING BRIDGE HAS NOT BEEN EVALUATED TO CARRY DEAD OR LIVE LOAD.
 - APPROACH STRUCTURE BY OTHERS.
 - EXIST BRIDGE SPANS TO BE PROTECTED DURING RELOCATION.

Plot Driver= \$PLTDV\$ Pentable= \$PENTBL\$

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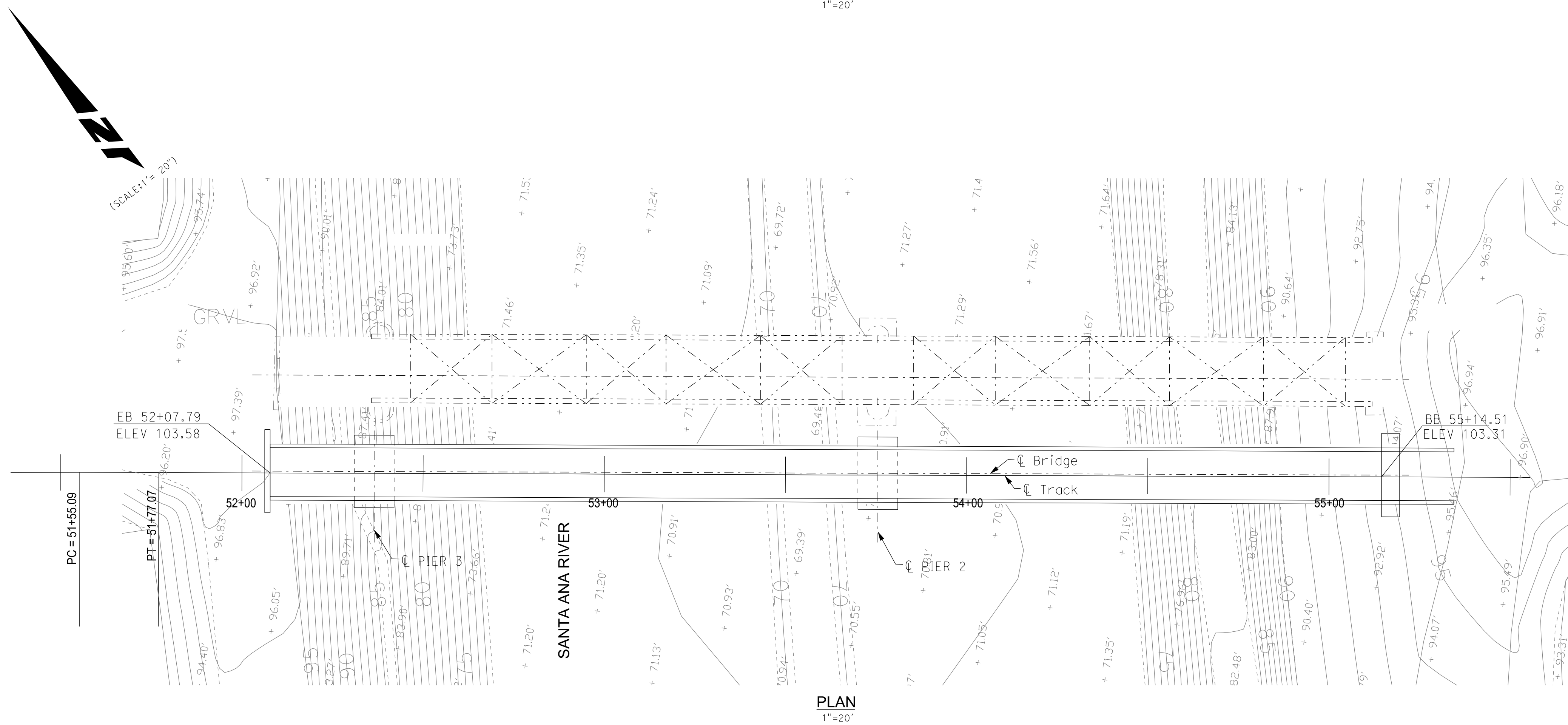
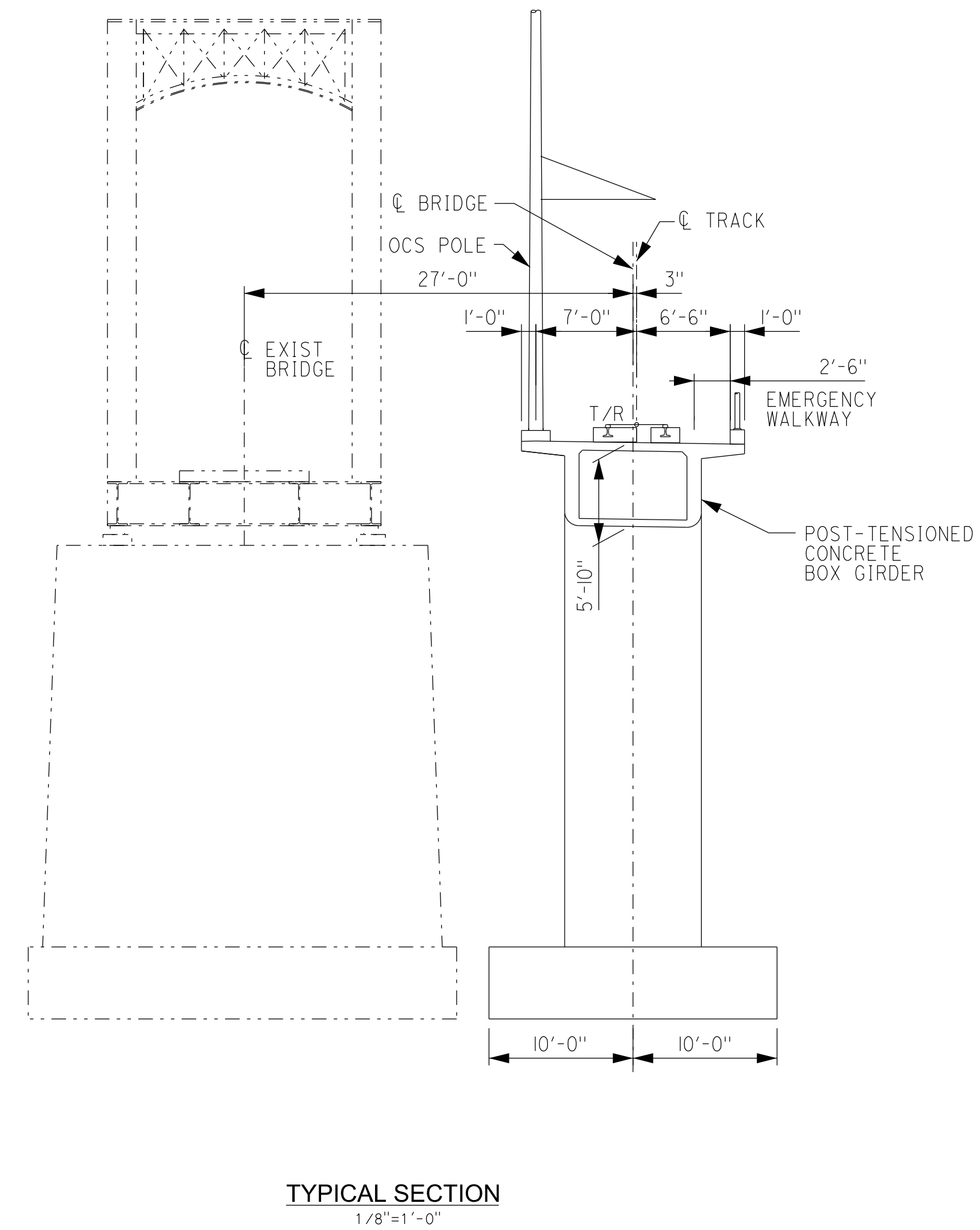
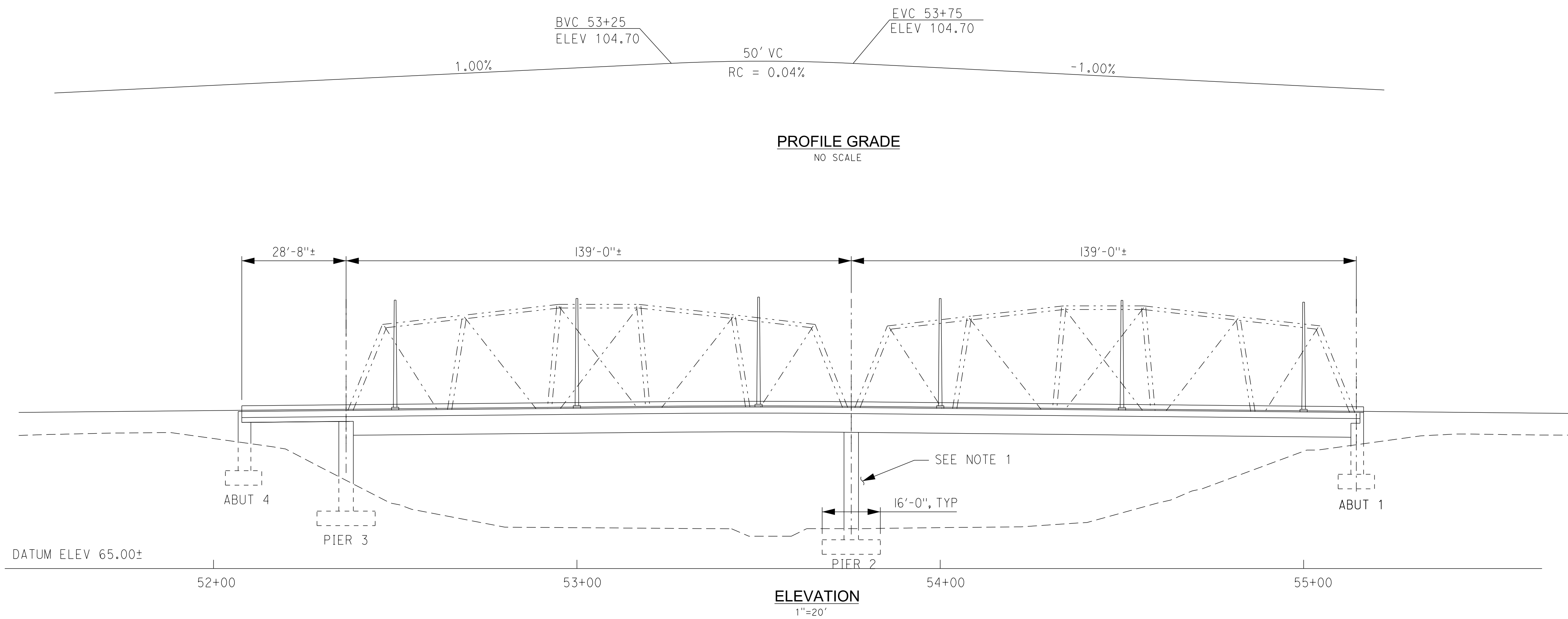
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G GARDEN GROVE

**SANTA ANA AND GARDEN GROVE
FIXED GUIDEWAY CORRIDOR**

SANTA ANA RIVER BRIDGE
OPTION 3: BRIDGE RELOCATION
(OLD BRIDGE)

DRAWING NO.	SR - 01D
SHEET NO.	OF
SCALE	



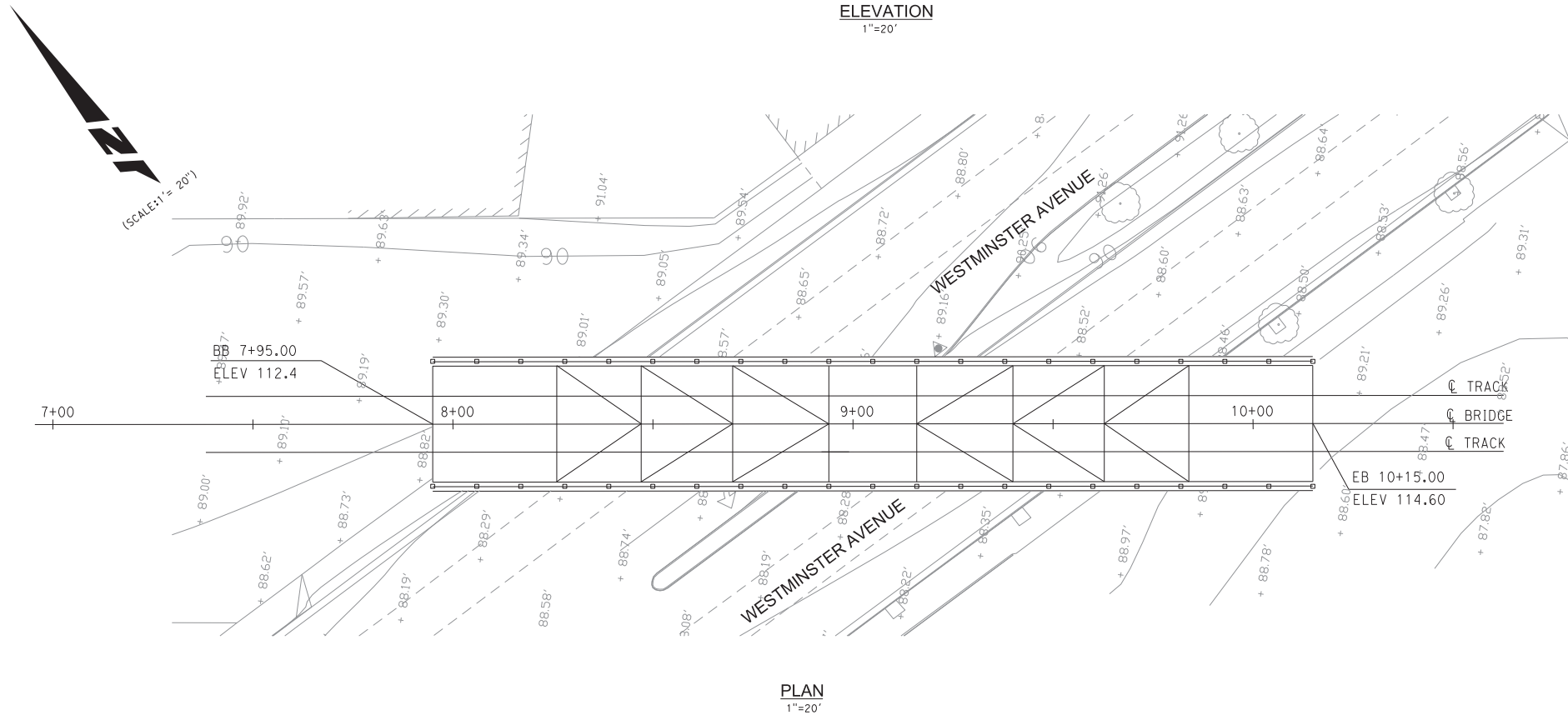
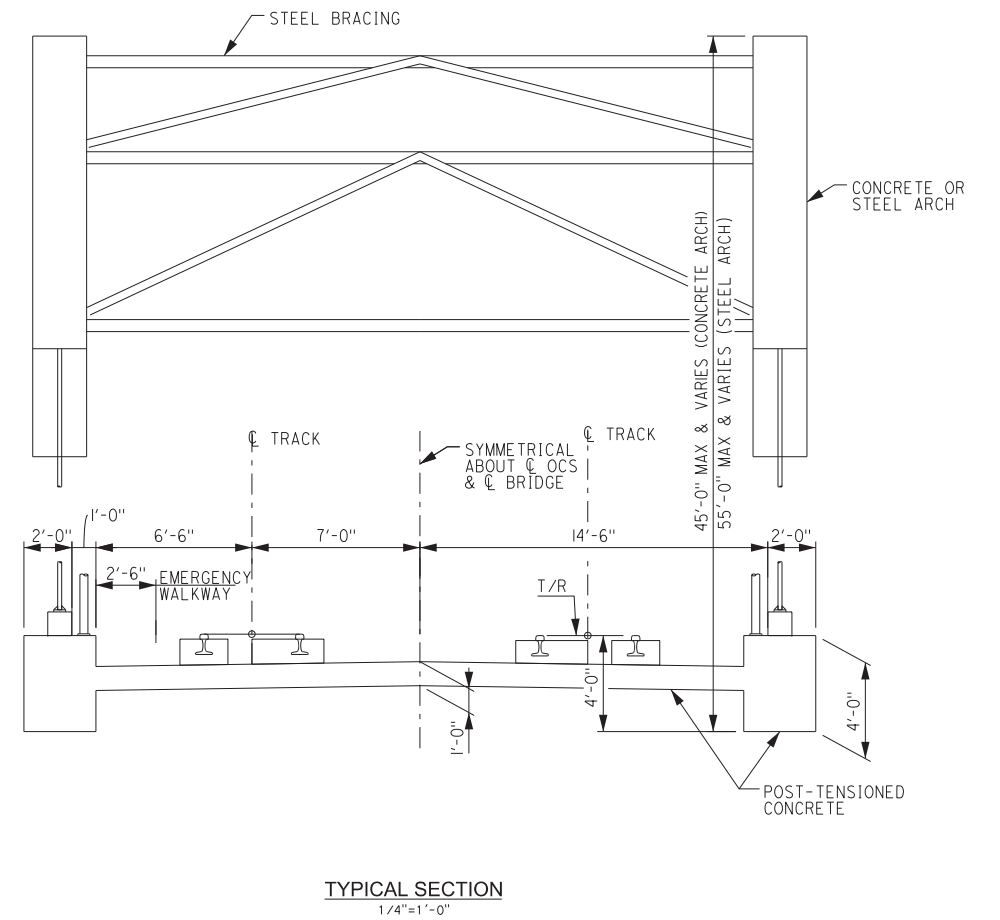
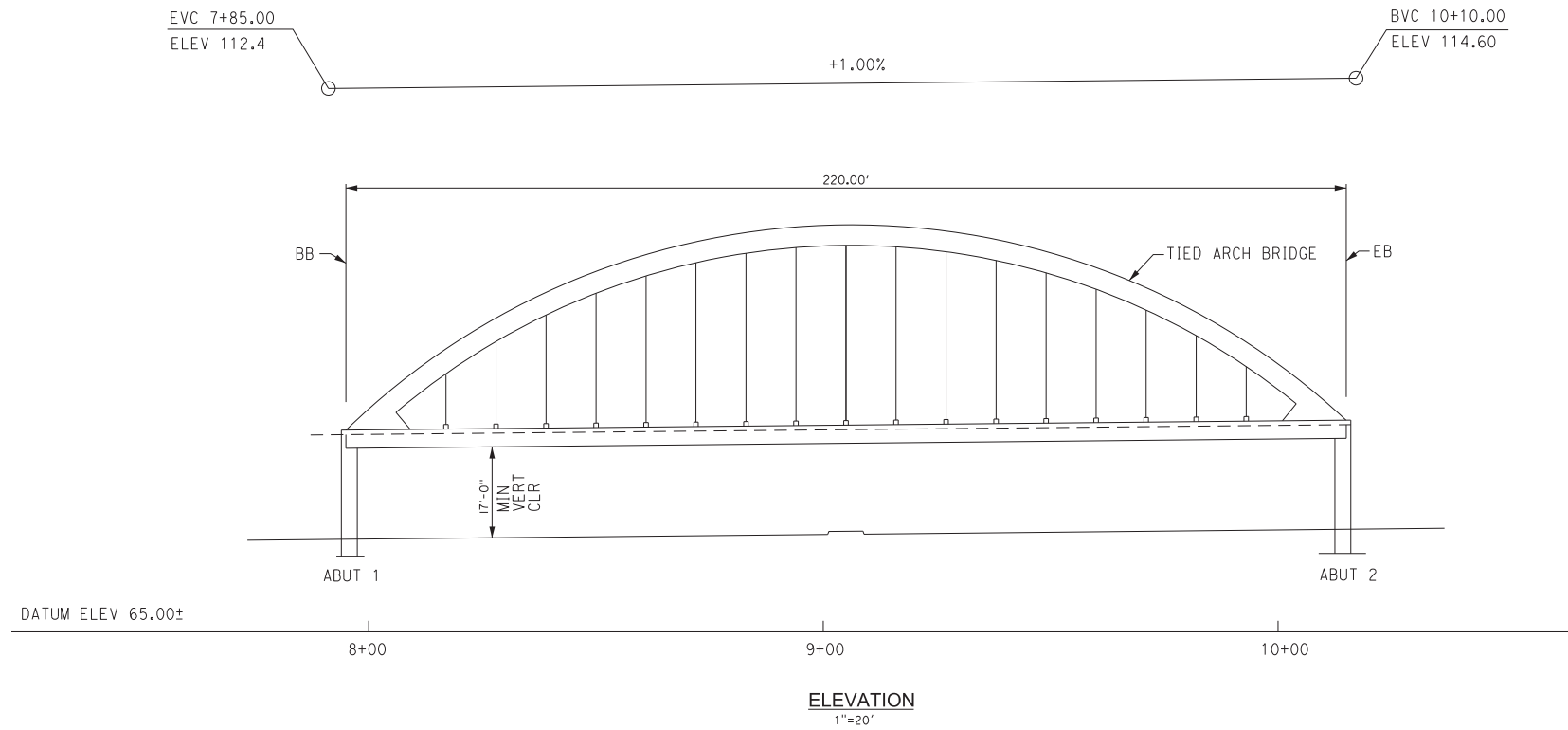
- NOTES:**
- EXIST SUBSTRUCTURE BEYOND NOT SHOWN FOR CLARITY.
 - THE EXIST BRIDGE HAS NOT BEEN EVALUATED TO CARRY DEAD OR LIVE LOAD.

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**SANTA ANA AND GARDEN GROVE
FIXED GUIDEWAY CORRIDOR**

SANTA ANA RIVER BRIDGE
OPTION 4: BRIDGE AVOIDANCE
OPTION B

DRAWING NO.	S-01E
SHEET NO.	OF
SCALE	



(SCALE: 1" = 20')

TYPICAL SECTION
1/4"=1'-0"

PLAN
1"=20'

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SANTA ANA, CALIFORNIA 92707
TEL (714) 460-1600 FAX (714) 460-1610

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G GARDEN GROVE

**SANTA ANA AND GARDEN GROVE
FIXED GUIDEWAY CORRIDOR**

WESTMINSTER AVE BRIDGE
GENERAL PLAN

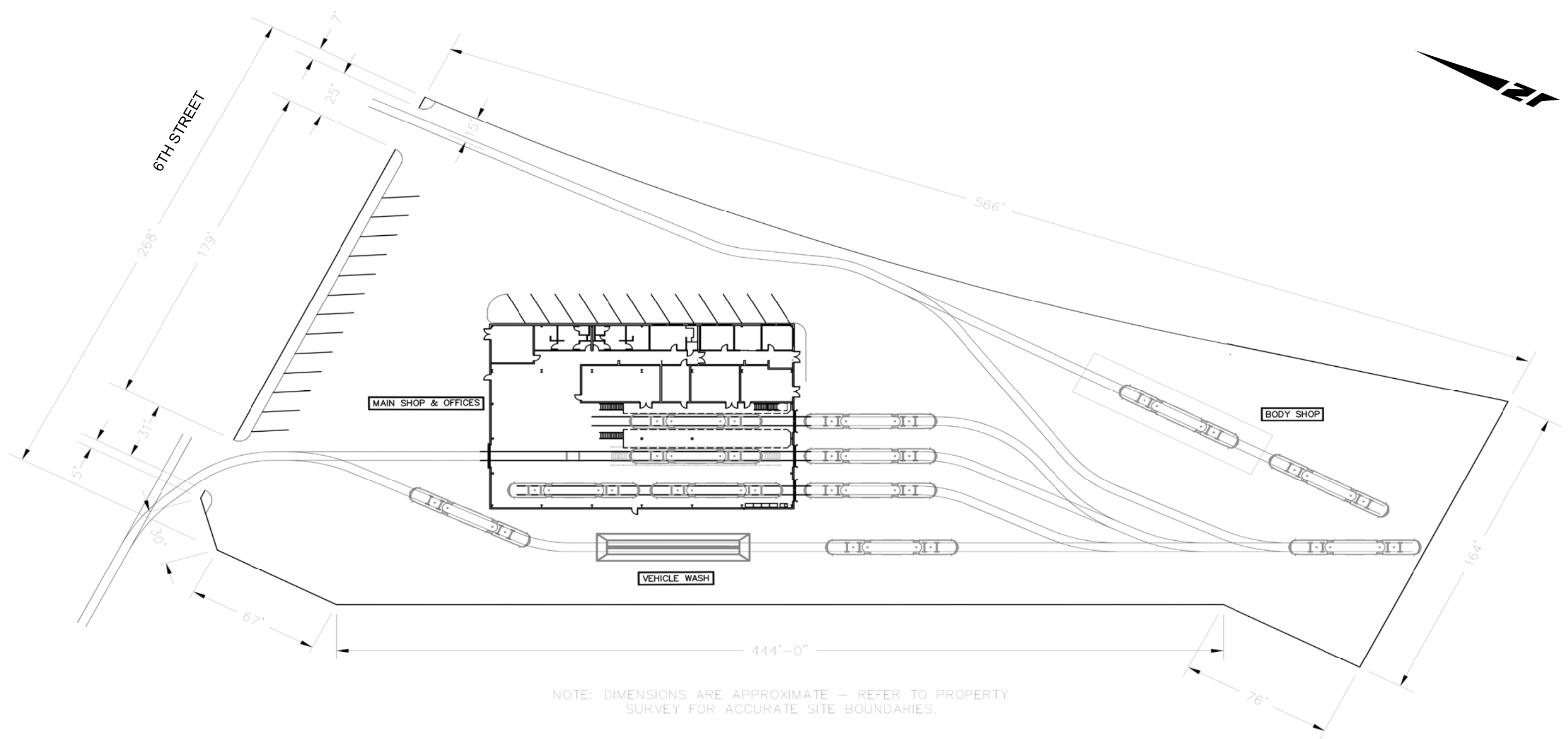
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Santa Ana and Garden Grove Fixed Guideway Corridor

SECTION 3: MAINTENANCE FACILITY SITE PLANS & DETAILS






NOTE: DIMENSIONS ARE APPROXIMATE – REFER TO PROPERTY SURVEY FOR ACCURATE SITE BOUNDARIES.

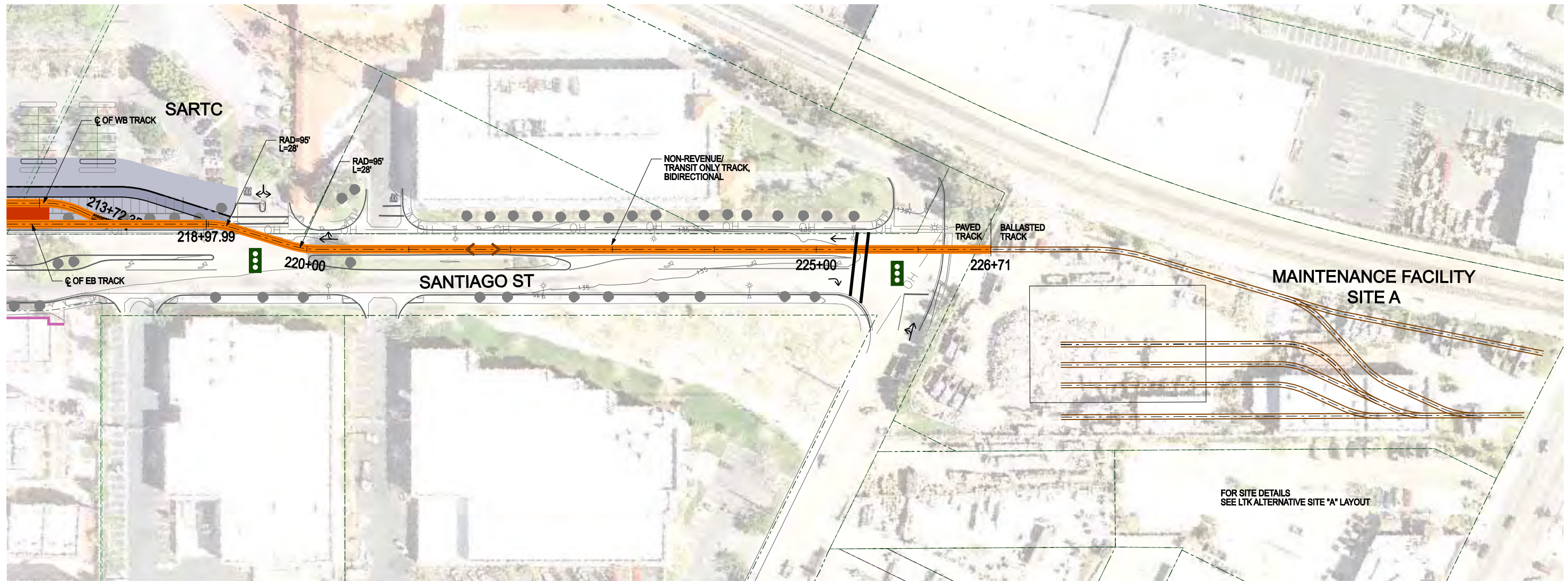
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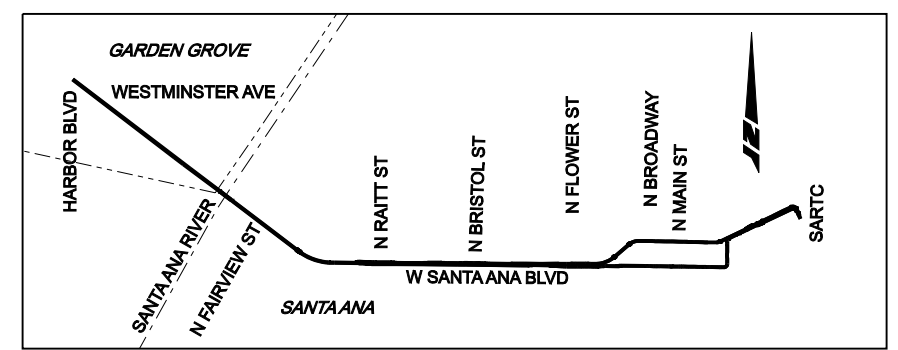
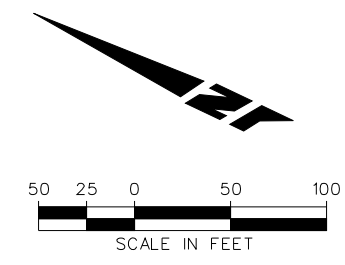
OCTA  **G** GARDEN GROVE

**SANTA ANA AND GARDEN GROVE
 FIXED GUIDEWAY CORRIDOR**
 STREETCAR MAINTENANCE FACILITY
 ALTERNATIVE SITE "A" LAYOUT

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FOR SITE DETAILS
SEE LTK ALTERNATIVE SITE 'A' LAYOUT



KEY MAP (ALT 1)

LEGEND	DIRECTION OF TRAFFIC →	BUILDING-REMOVAL	EASTBOUND EMBEDDED TRACK	EXISTING SIGNAL
	PLATFORM	WORK LIMITS - ASPHALT	WESTBOUND EMBEDDED TRACK	EXISTING PED SIGNAL
	GATE	WORK LIMITS - CONCRETE	EASTBOUND BALLASTED TRACK	NEW SIGNAL
	PARKING	WORK LIMITS - BALLAST	WESTBOUND BALLASTED TRACK	ADD TRANSIT ONLY SIGNAL

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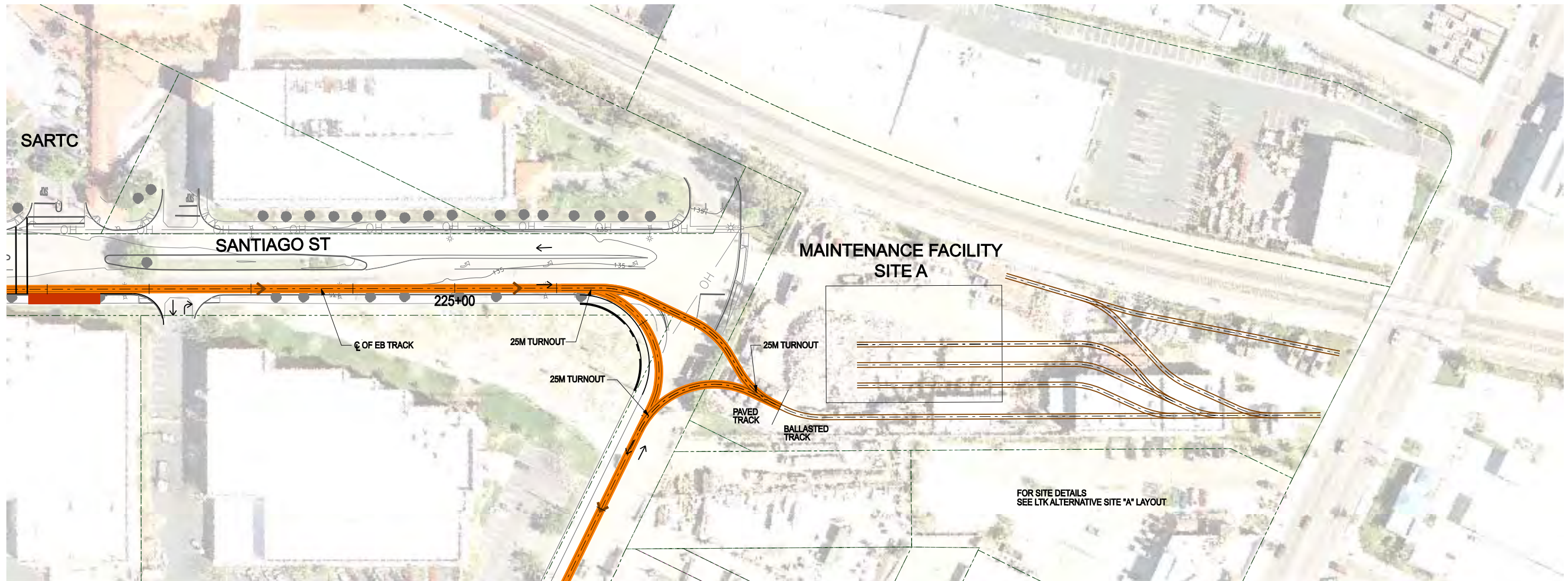
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G GARDEN GROVE

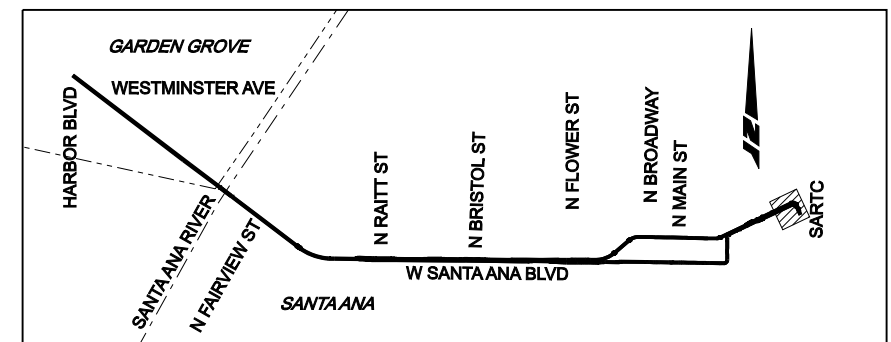
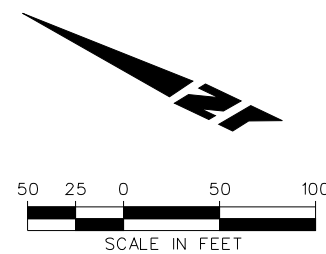
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FIXED GUIDEWAY CORRIDOR**

TRACK ALIGNMENT AND RDWY IMPROVEMENTS
DOWNTOWN SEGMENT - ALT1
ACCESS TO MAINTENANCE FACILITY - SITE A

DRAWING NO.	MF - 01A
SHEET NO.	
SCALE	



FOR SITE DETAILS
SEE LTK ALTERNATIVE SITE "A" LAYOUT



KEY MAP (ALT 2)

LEGEND	DIRECTION OF TRAFFIC →	BUILDING-REMOVAL	EASTBOUND EMBEDDED TRACK	EXISTING SIGNAL
	PLATFORM	WORK LIMITS - ASPHALT	WESTBOUND EMBEDDED TRACK	EXISTING PED SIGNAL
	GATE	WORK LIMITS - CONCRETE	EASTBOUND BALLASTED TRACK	NEW SIGNAL
	PARKING	WORK LIMITS - BALLAST	WESTBOUND BALLASTED TRACK	ADD TRANSIT ONLY SIGNAL
NEW ROW - - - - -				
STRUCTURE				

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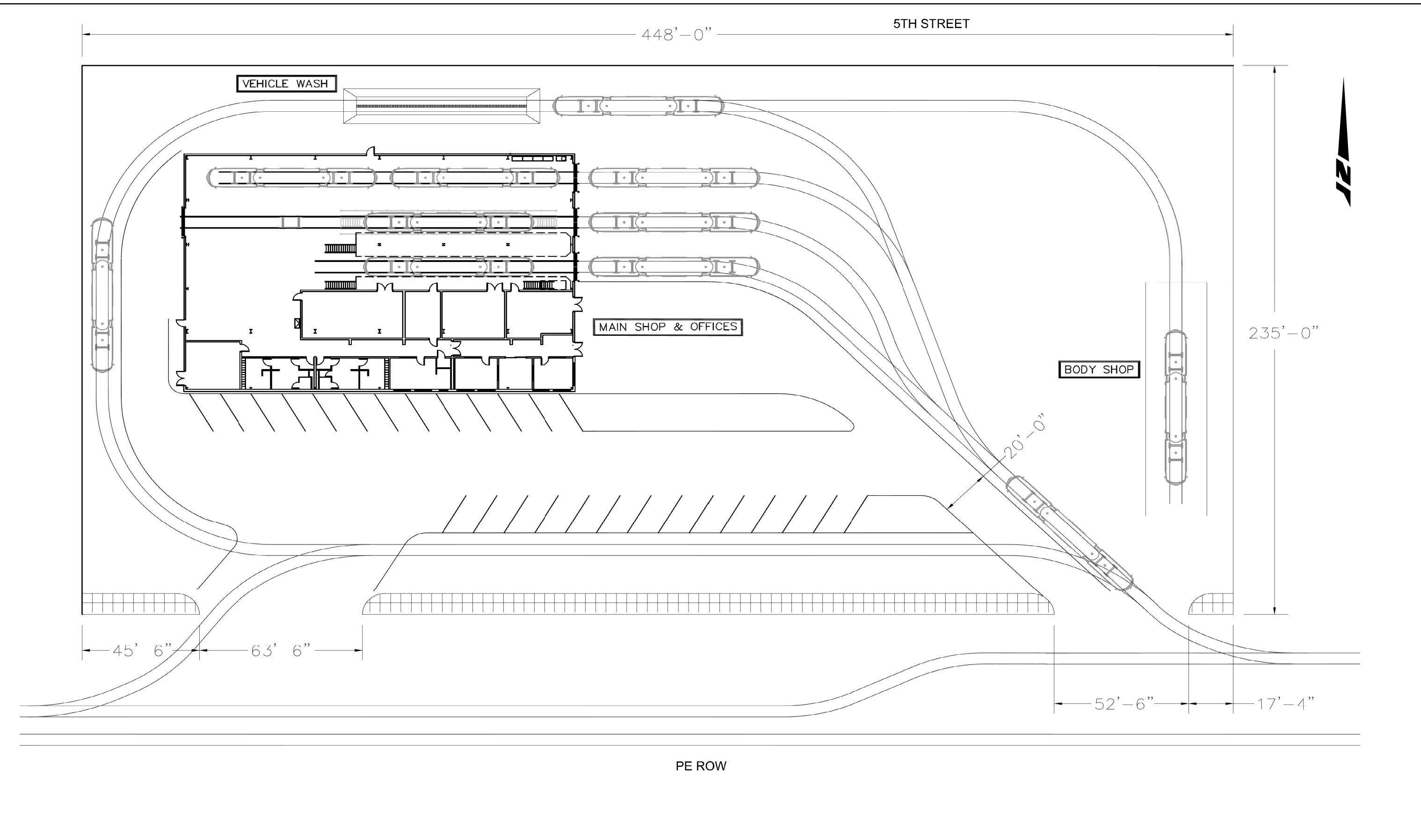
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G GARDEN GROVE

**SANTA ANA AND GARDEN GROVE
FIXED GUIDEWAY CORRIDOR**

TRACK ALIGNMENT AND RDWY IMPROVEMENTS
DOWNTOWN SEGMENT - ALT2
ACCESS TO MAINTENANCE FACILITY - SITE A

DRAWING NO.	MF - 01B
SHEET NO.	
SCALE	

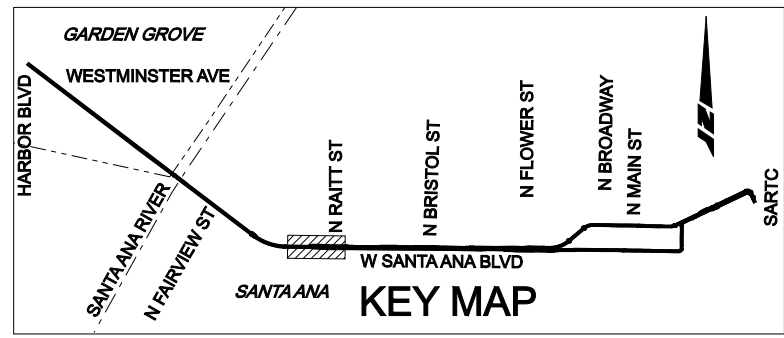
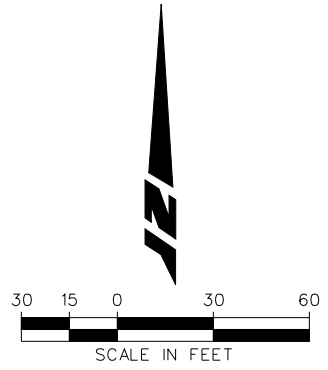
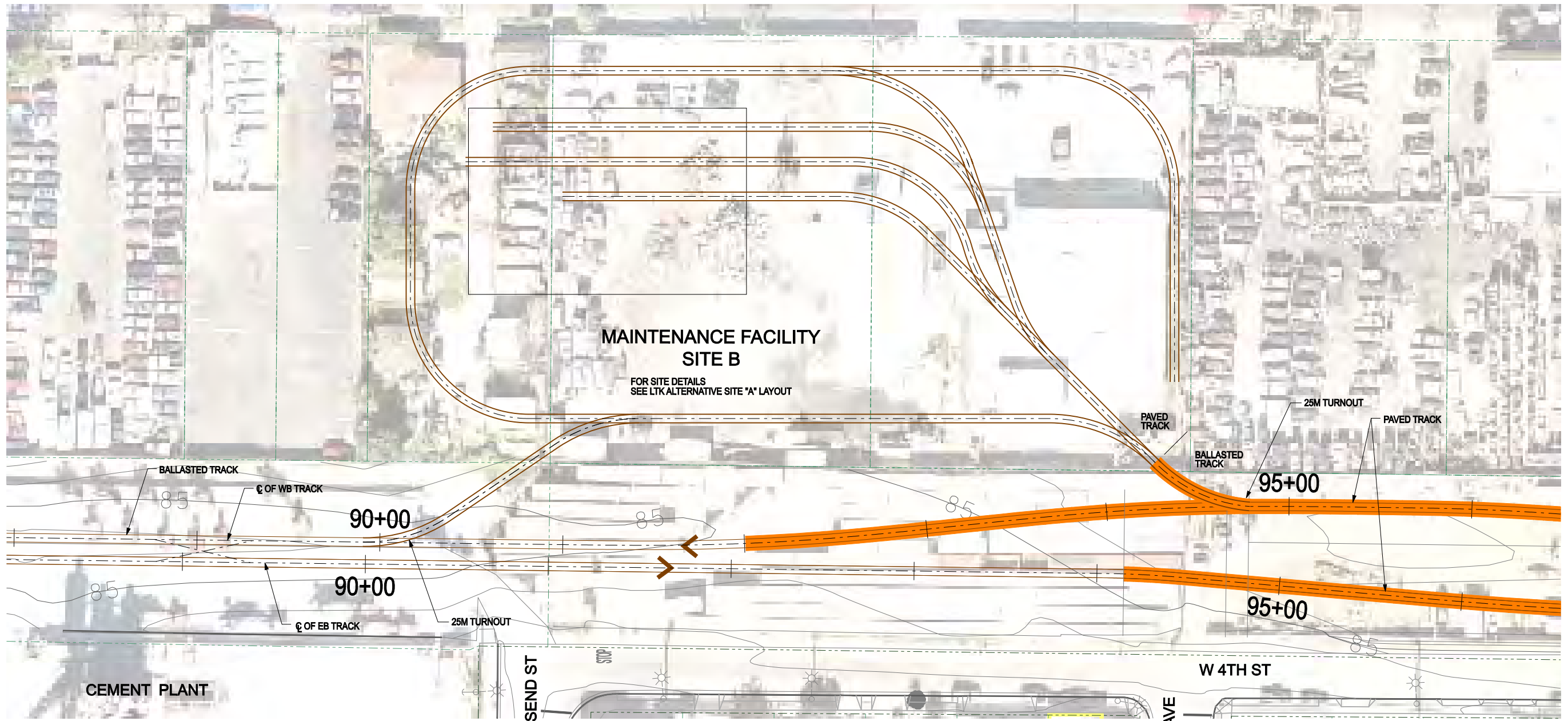


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**SANTA ANA AND GARDEN GROVE
 FIXED GUIDEWAY CORRIDOR**
 STREETCAR MAINTENANCE FACILITY
 ALTERNATIVE SITE "B" LAYOUT

DRAWING NO.	MF - 02
SHEET NO.	
SCALE	NTS



LEGEND	DIRECTION OF TRAFFIC →	BUILDING-REMOVAL	EASTBOUND EMBEDDED TRACK	EXISTING SIGNAL
	PLATFORM	WORK LIMITS - ASPHALT	WESTBOUND EMBEDDED TRACK	EXISTING PED SIGNAL
	GATE	WORK LIMITS - CONCRETE	EASTBOUND BALLASTED TRACK	NEW SIGNAL
	PARKING	WORK LIMITS - BALLAST	WESTBOUND BALLASTED TRACK	ADD TRANSIT ONLY SIGNAL
NEW ROW				
STRUCTURE				

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G **GARDEN GROVE**

**SANTA ANA AND GARDEN GROVE
 FIXED GUIDEWAY CORRIDOR**
 TRACK ALIGNMENT AND RDWY IMPROVEMENTS
 RAITT TO FLOWER SEGMENT - ALT1 & ALT2
 ACCESS TO MAINTENANCE FACILITY - SITE B

DRAWING NO.	MF - 02A
SHEET NO.	
SCALE	