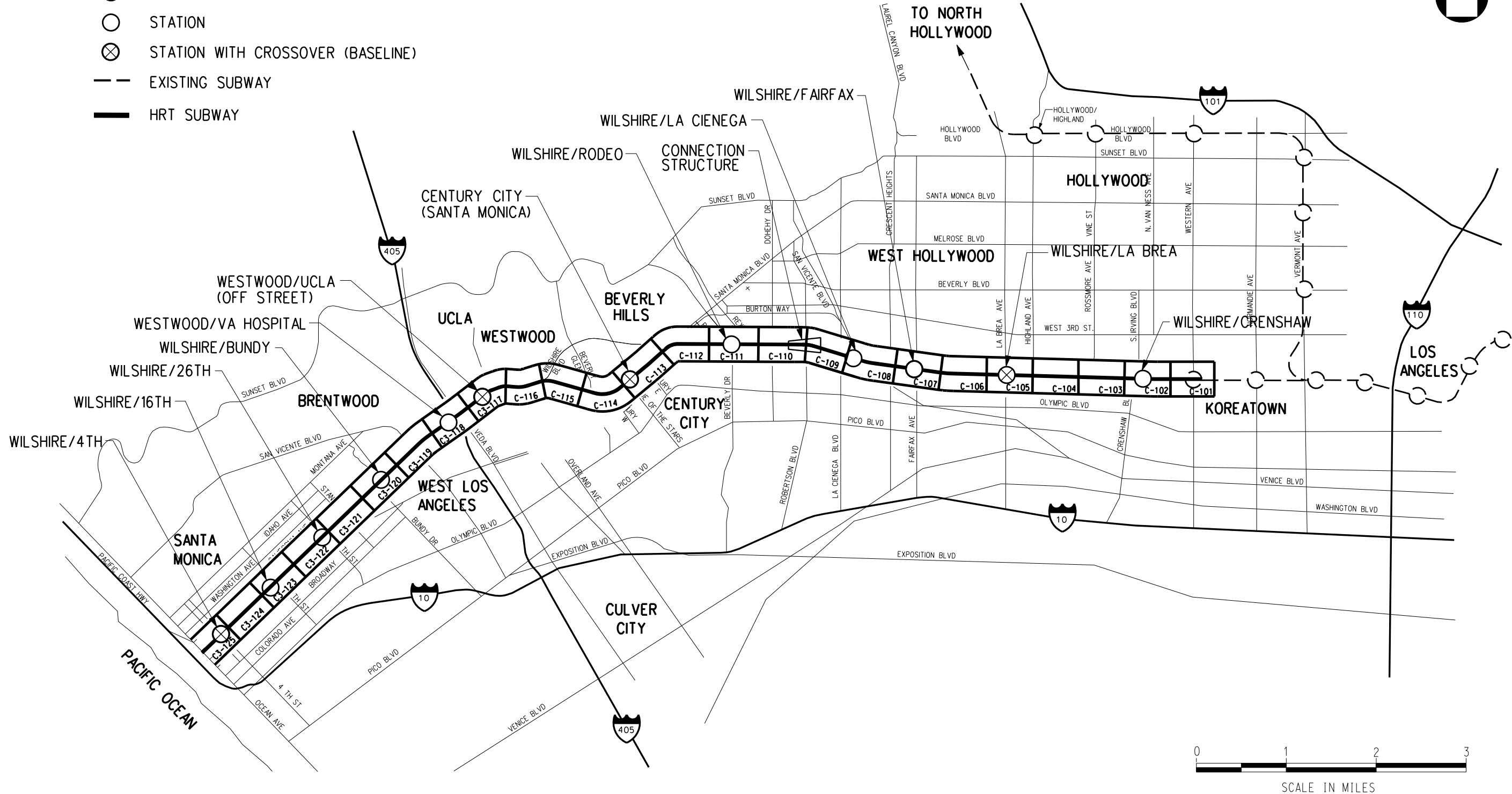


**LEGEND**

- EXISTING STATION
- STATION
- ⊗ STATION WITH CROSSOVER (BASELINE)
- - - EXISTING SUBWAY
- HRT SUBWAY



REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010



**Metro**

**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**

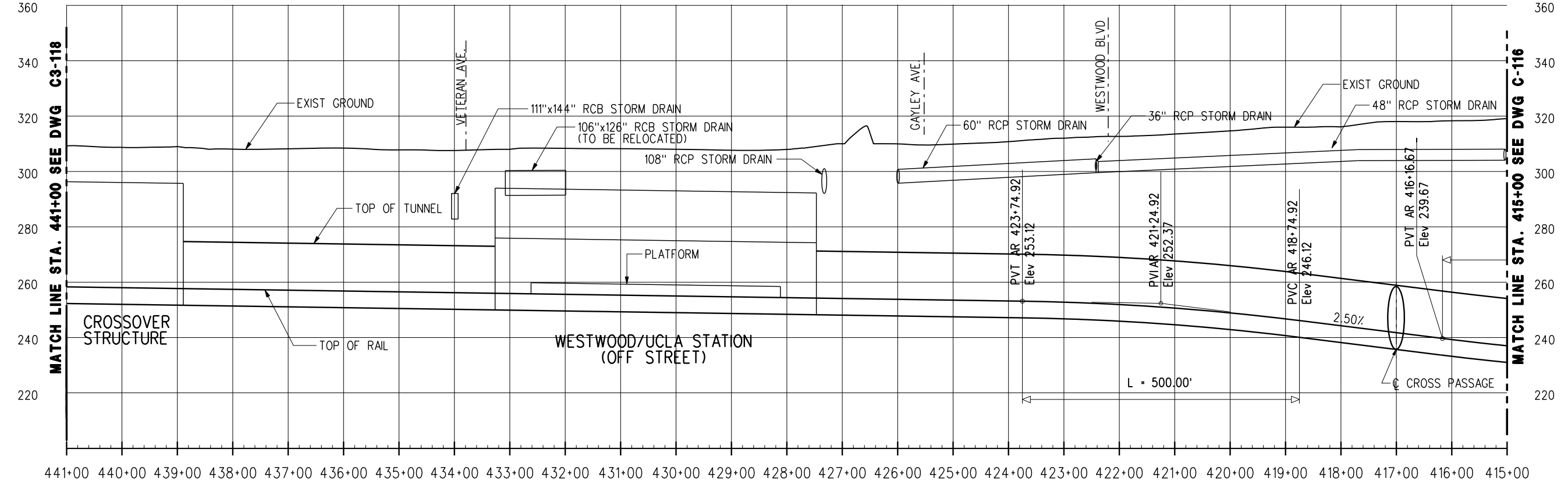
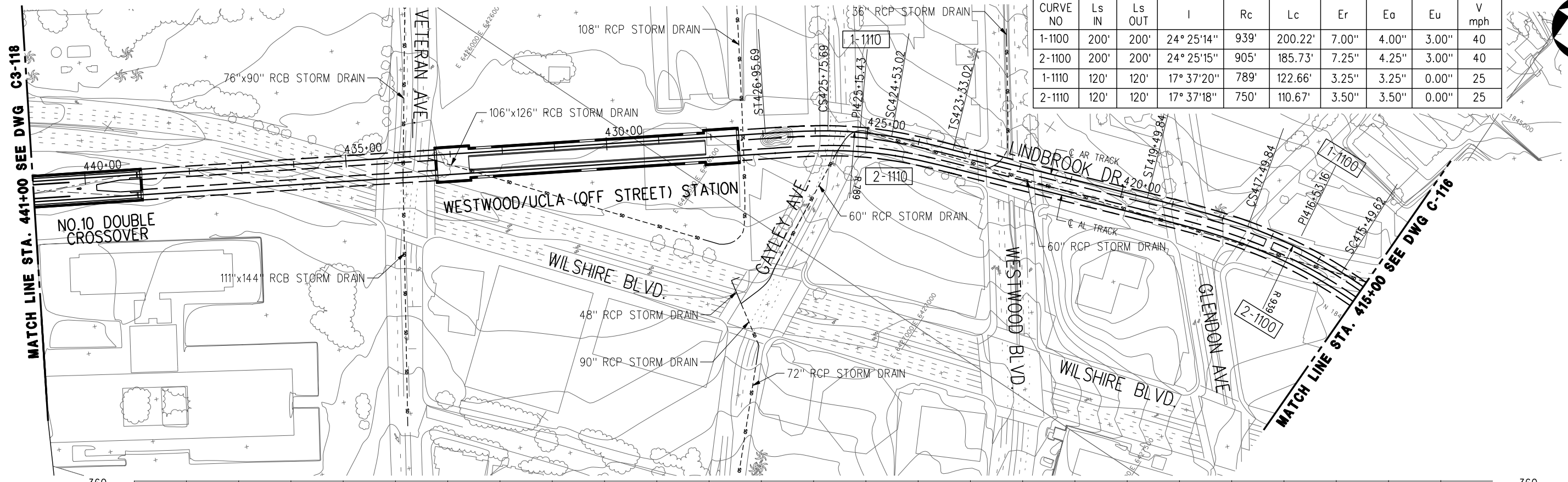
PROJECT MANAGER \_\_\_\_\_

WESTSIDE SUBWAY EXTENSION  
ADV. CONCEPTUAL ENGINEERING

ALTERNATIVE #3  
KEY MAP WITH  
CROSSOVER LOCATIONS


CONTRACT NO	
DRAWING NO	C3-100
SCALE	
SHEET NO	

CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Eo	Eu	V mph
1-1100	200'	200'	24° 25' 14"	939'	200.22'	7.00"	4.00"	3.00"	40
2-1100	200'	200'	24° 25' 15"	905'	185.73'	7.25"	4.25"	3.00"	40
1-1110	120'	120'	17° 37' 20"	789'	122.66'	3.25"	3.25"	0.00"	25
2-1110	120'	120'	17° 37' 18"	750'	110.67'	3.50"	3.50"	0.00"	25



REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010



**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**

**Metro**

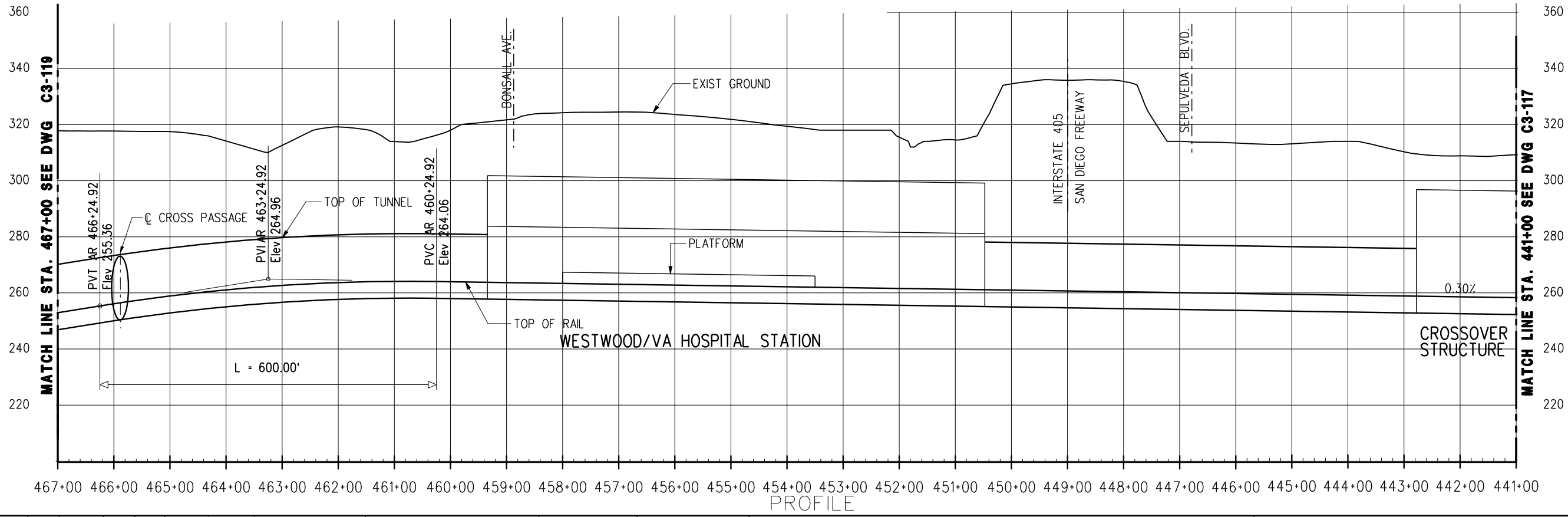
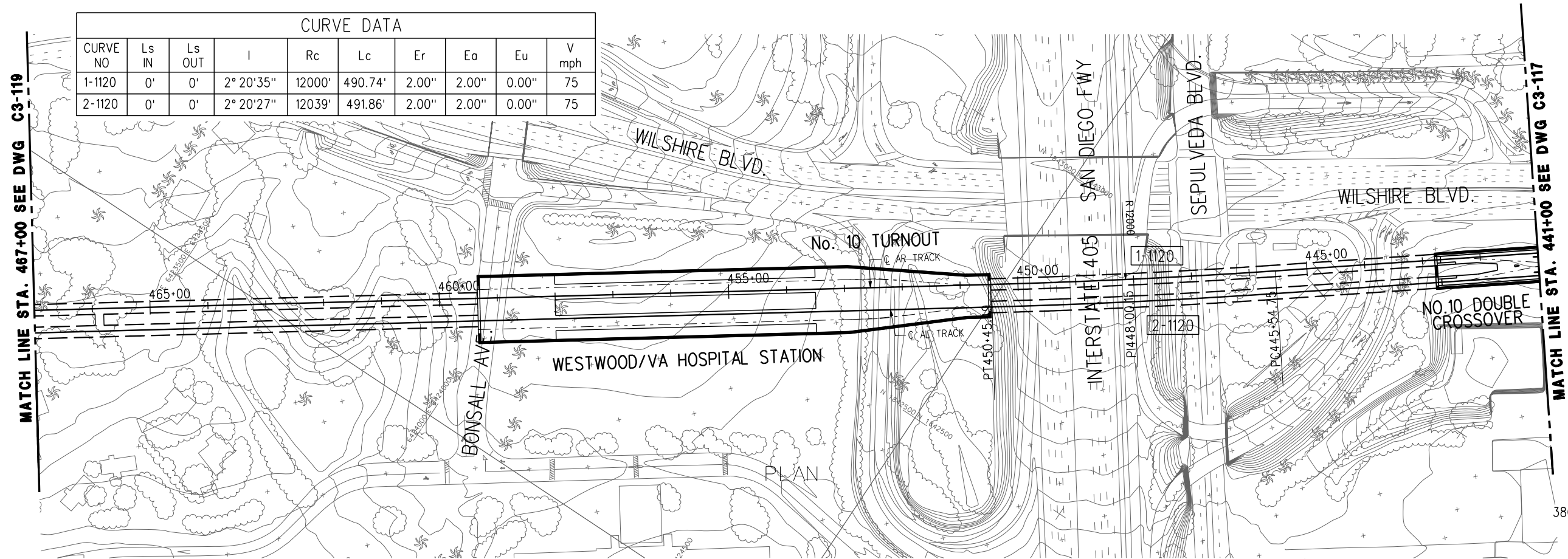
PROJECT MANAGER \_\_\_\_\_

**WESTSIDE SUBWAY EXTENSION**  
**ADV. CONCEPTUAL ENGINEERING**  
 PLAN & PROFILE  
 STATION 415+00 TO 441+00  
 ALTERNATIVE 3 & 5

CONTRACT NO	
DRAWING NO	REV
C3-117	
SCALE	
1"=200'	
SHEET NO	



CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1120	0'	0'	2° 20'35"	12000'	490.74'	2.00"	2.00"	0.00"	75
2-1120	0'	0'	2° 20'27"	12039'	491.86'	2.00"	2.00"	0.00"	75



REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY  
DRAWN BY  
CHECKED BY  
IN CHARGE  
DATE  
JULY 2010



**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**

**Metro**

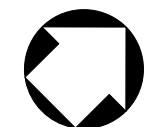
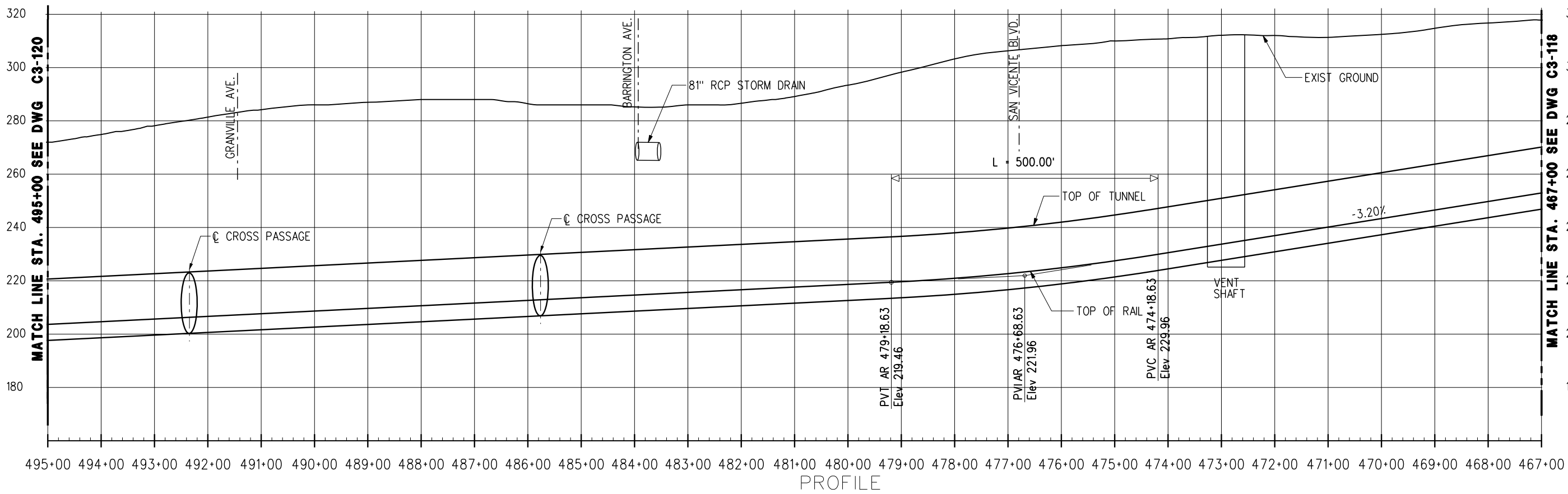
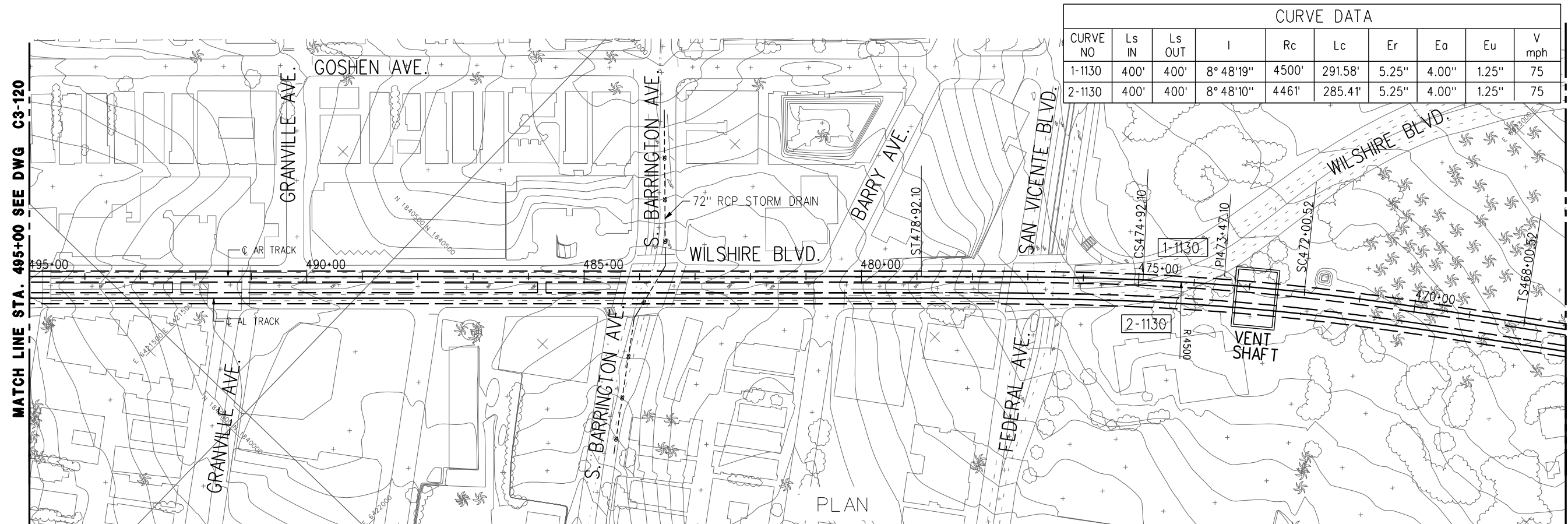
PROJECT MANAGER \_\_\_\_\_

WESTSIDE SUBWAY EXTENSION  
ADV. CONCEPTUAL ENGINEERING

PLAN & PROFILE  
STATION 441+00 TO 467+00  
ALTERNATIVE 3 & 5


CONTRACT NO	
DRAWING NO	REV
C3-118	
SCALE	
1" = 200'	
SHEET NO	





REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010



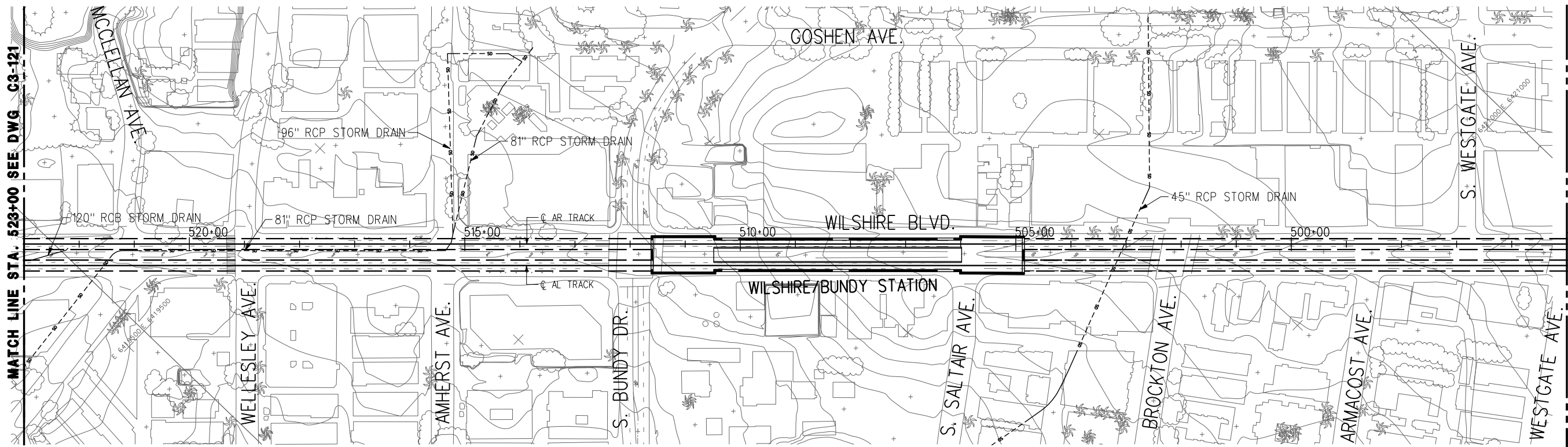
**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**

**Metro**

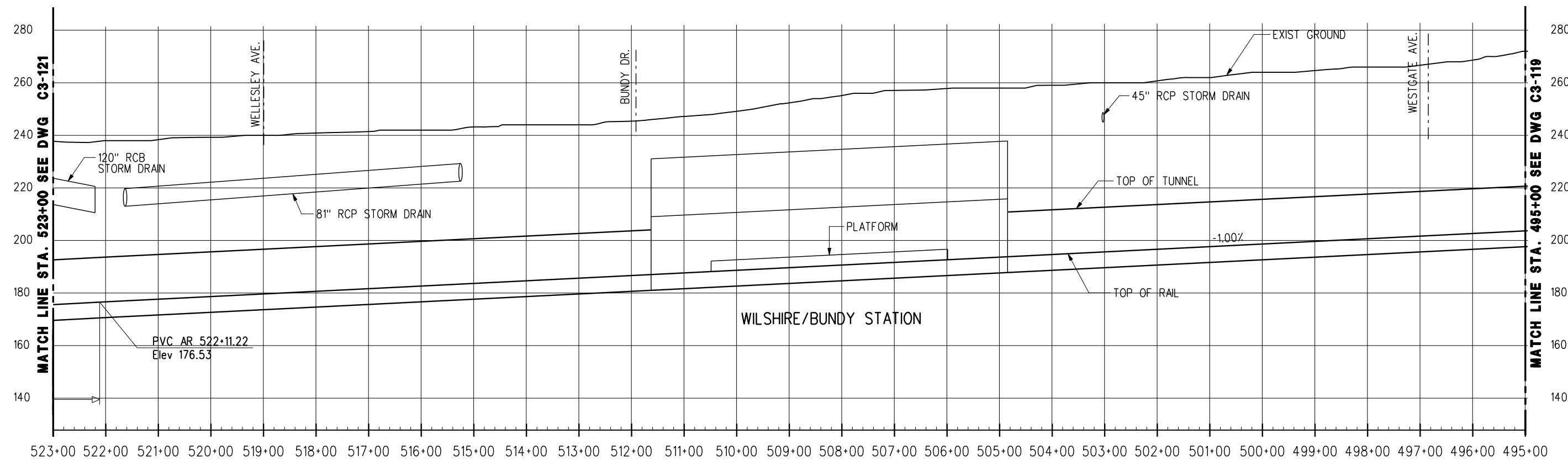
PROJECT MANAGER \_\_\_\_\_

**WESTSIDE SUBWAY EXTENSION**  
**ADV. CONCEPTUAL ENGINEERING**  
 PLAN & PROFILE  
 STATION 467+00 TO 495+00  
 ALTERNATIVE 3 & 5

CONTRACT NO	
DRAWING NO	REV
C3-119	
SCALE	
1" = 200'	
SHEET NO	



PLAN




PROFILE



REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010



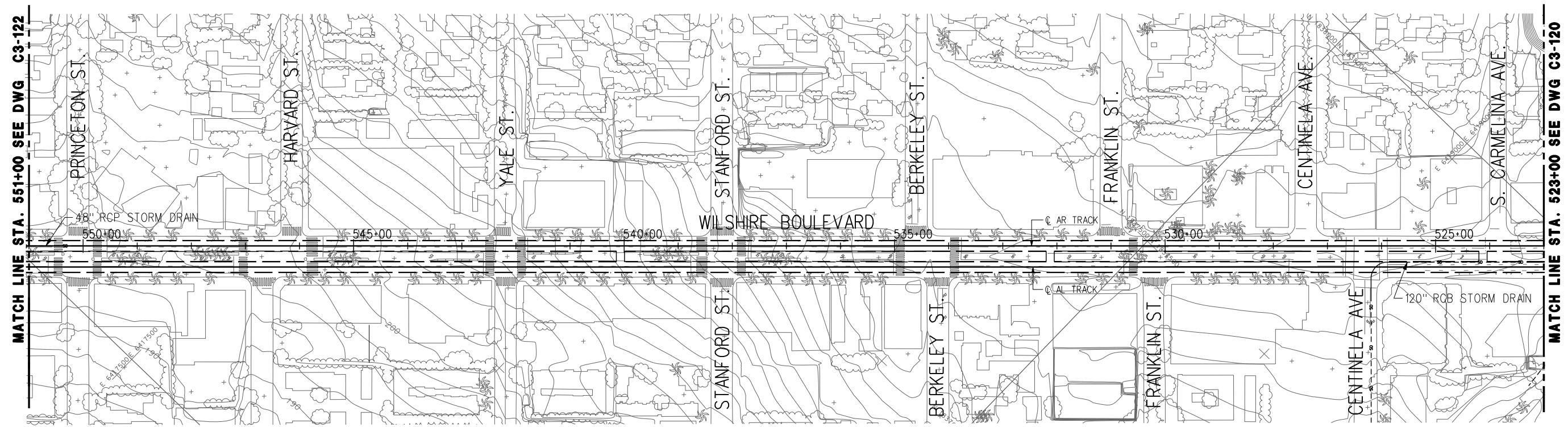
**LOS ANGELES COUNTY  
METROPOLITAN TRANSPORTATION AUTHORITY**

**Metro**

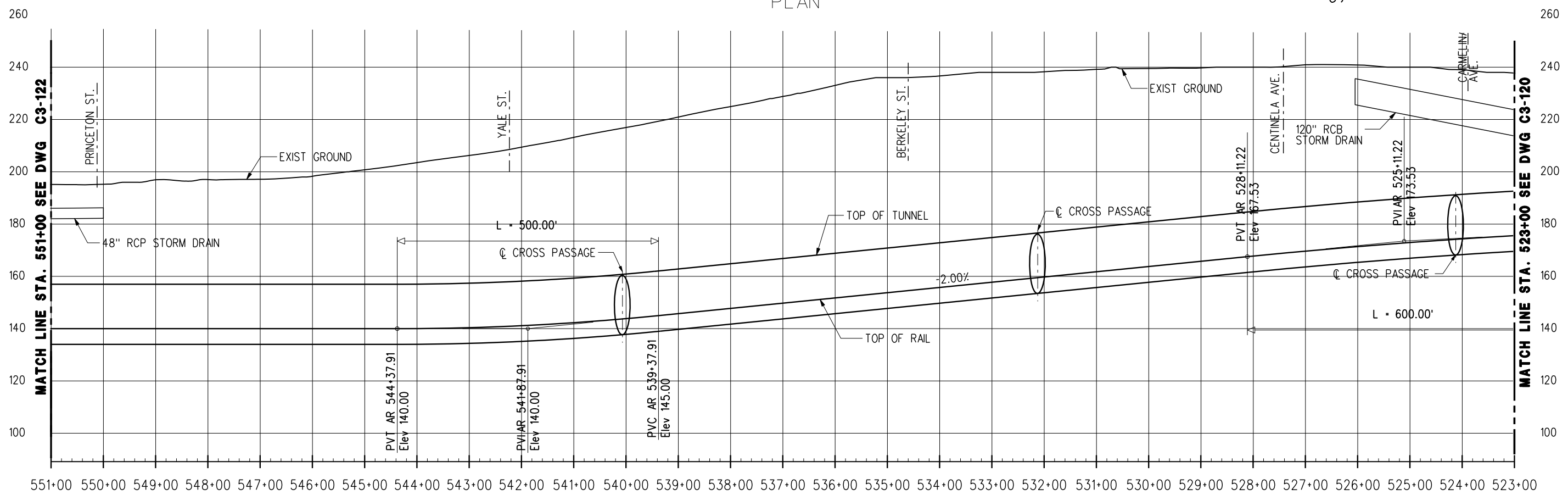
PROJECT MANAGER \_\_\_\_\_

**WESTSIDE SUBWAY EXTENSION  
ADV. CONCEPTUAL ENGINEERING**  
  
 PLAN & PROFILE  
 STATION 495+00 TO 523+00  
 ALTERNATIVE 3 & 5

CONTRACT NO	
DRAWING NO	REV
C3-120	
SCALE	
1" = 200'	
SHEET NO	




PLAN



PROFILE

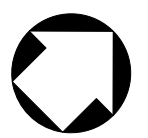
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010

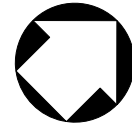
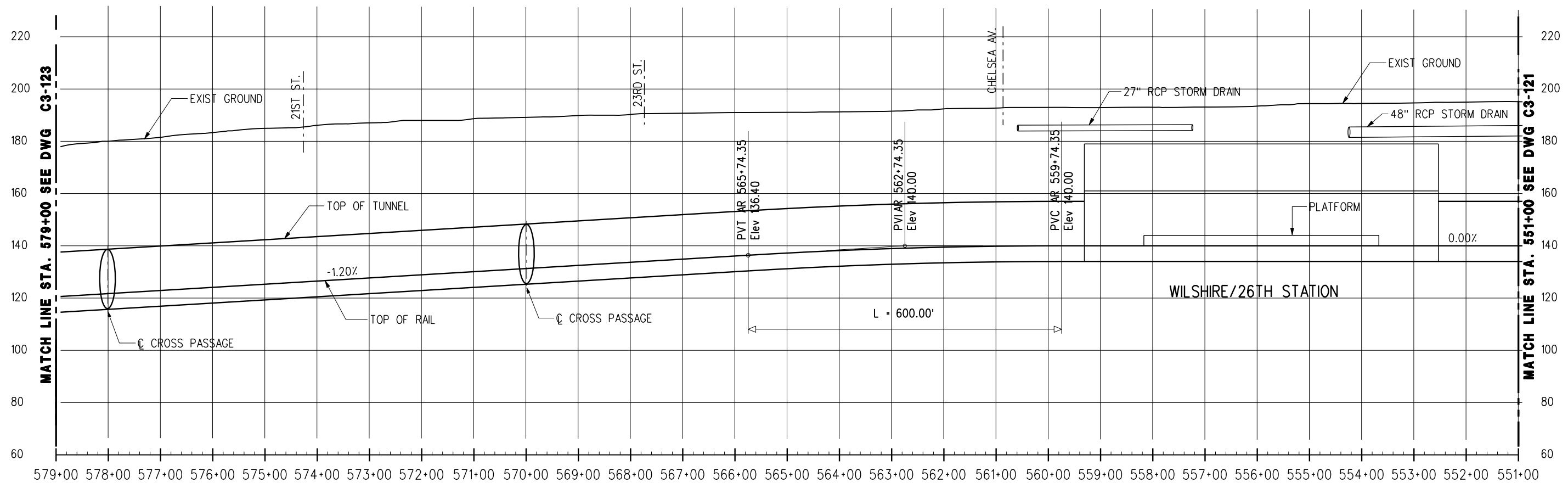
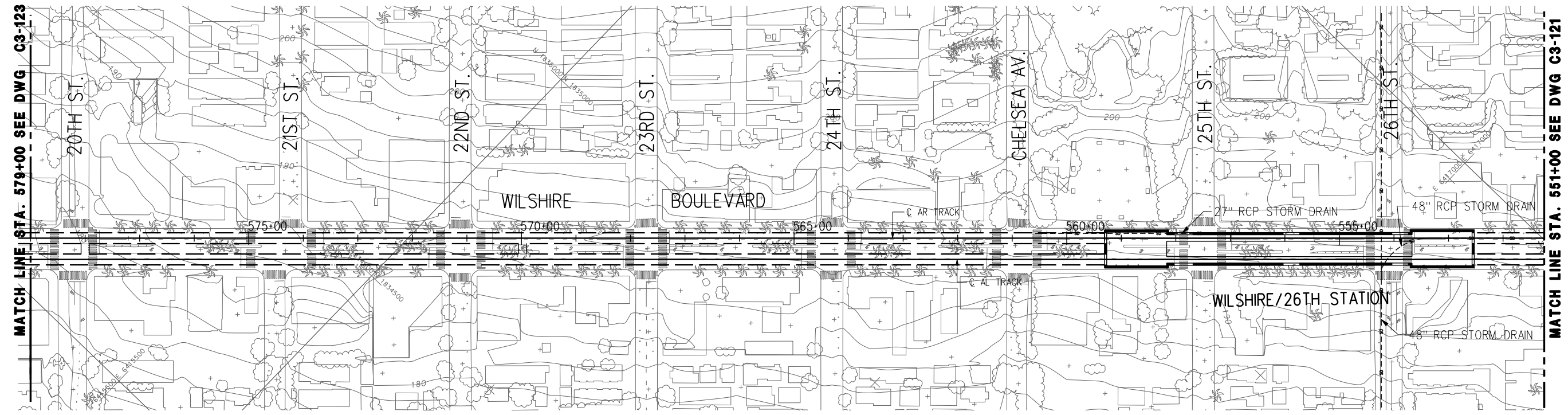

**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**  
 Metro  
 PROJECT MANAGER \_\_\_\_\_

**WESTSIDE SUBWAY EXTENSION**  
**ADV. CONCEPTUAL ENGINEERING**  
 PLAN & PROFILE  
 STATION 523+00 TO 551+00  
 ALTERNATIVE 3 & 5

CONTRACT NO	
DRAWING NO	REV
C3-121	
SCALE	
1"=200'	
SHEET NO	








REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

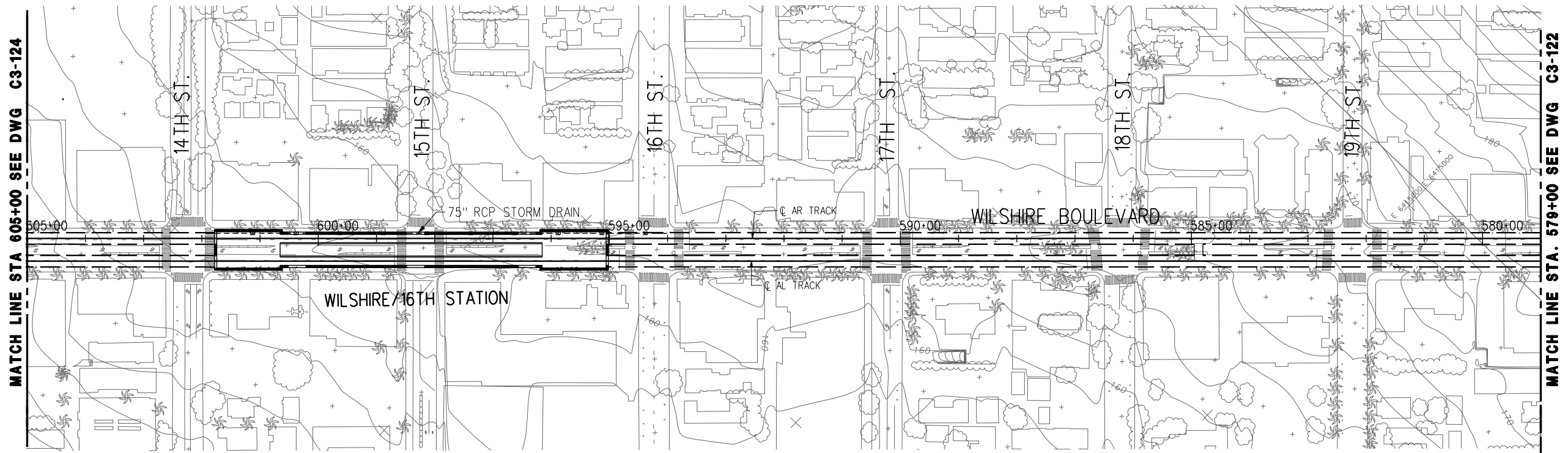
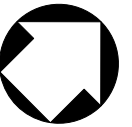
DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010


**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**  
 Metro  
 PROJECT MANAGER \_\_\_\_\_

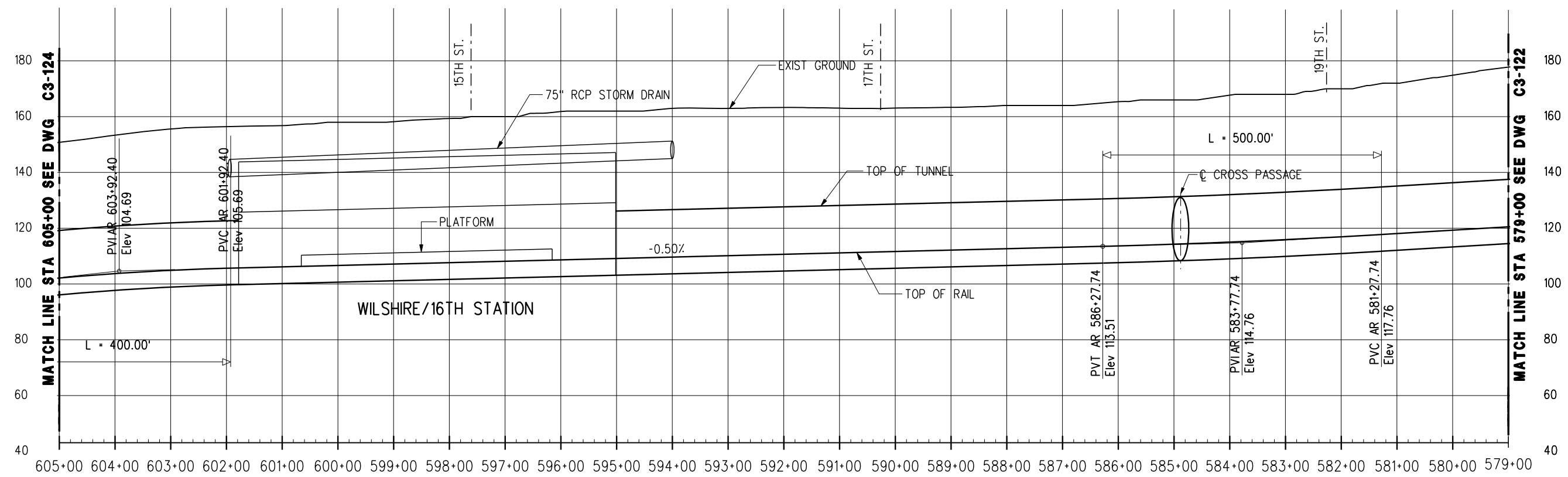
**WESTSIDE SUBWAY EXTENSION**  
**ADV. CONCEPTUAL ENGINEERING**  
 PLAN & PROFILE  
 STATION 551+00 TO 579+00  
 ALTERNATIVE 3 & 5

CONTRACT NO	
DRAWING NO	REV
C3-122	
SCALE	
1"=200'	
SHEET NO	

User: USER-rdrig@7d3/2010 @ 12:10:02 PM File: T:\27940A-WestsideExtension\ACE\CADD\sheet\Civil\Alternative 1 - 5\Alternative 1-3\C3-122.plg




PLAN



PROFILE

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010



**LOS ANGELES COUNTY  
METROPOLITAN TRANSPORTATION AUTHORITY**

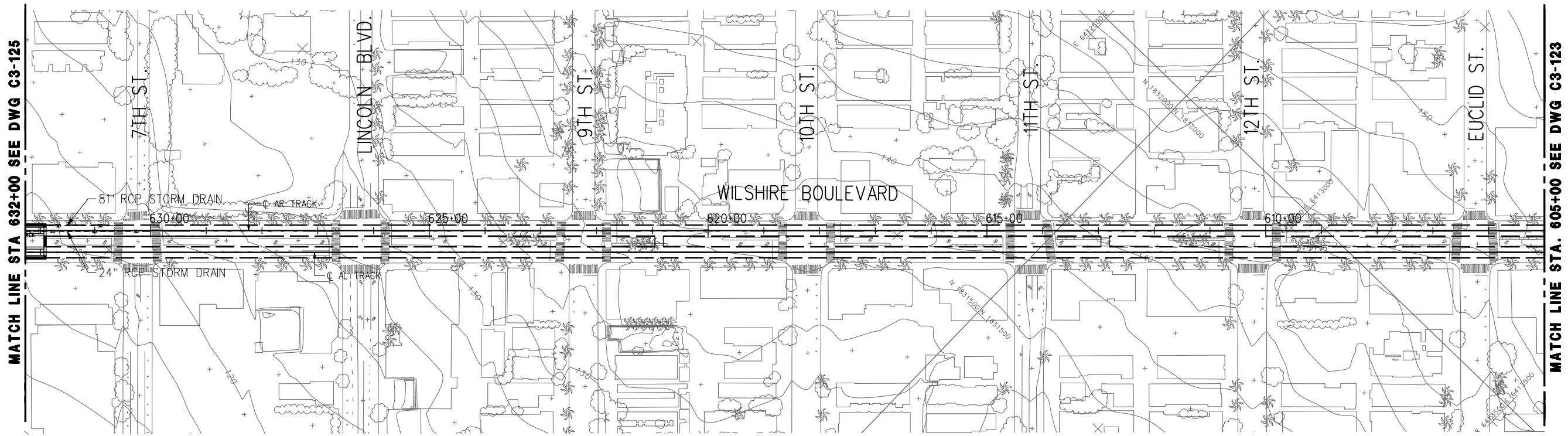
**Metro**

PROJECT MANAGER \_\_\_\_\_

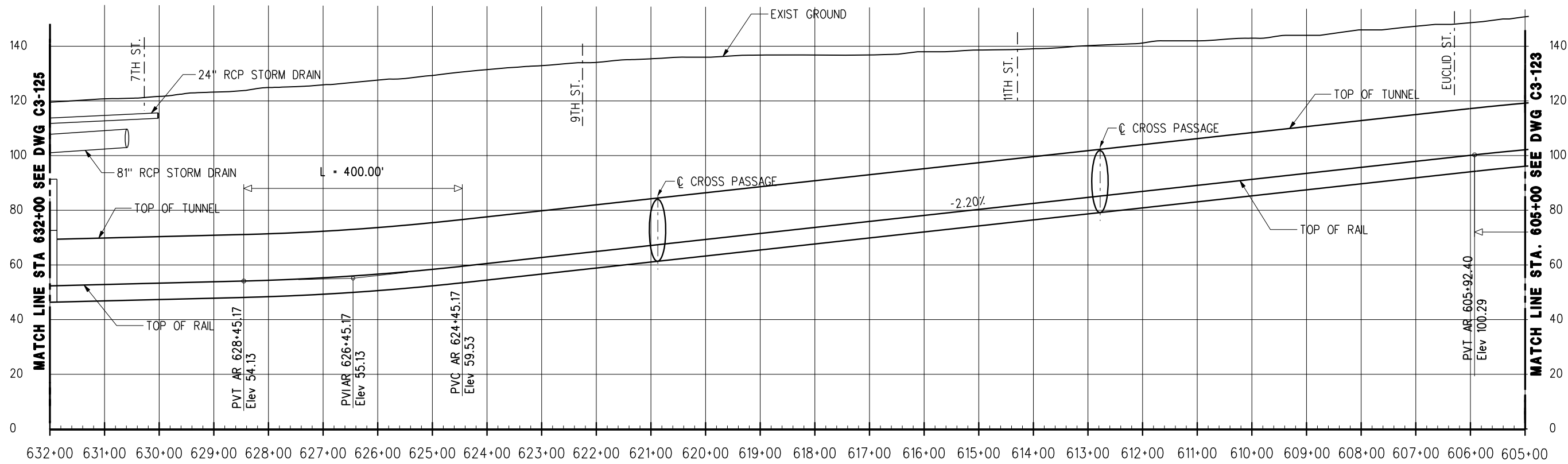
**WESTSIDE SUBWAY EXTENSION  
ADV. CONCEPTUAL ENGINEERING**  
  
 PLAN & PROFILE  
 STATION 579+00 TO 605+00  
 ALTERNATIVE 3 & 5

CONTRACT NO	
DRAWING NO	REV
C3-123	
SCALE	
1" = 200'	
SHEET NO	

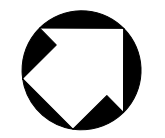




PLAN




PROFILE



REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010



**LOS ANGELES COUNTY  
METROPOLITAN TRANSPORTATION AUTHORITY**

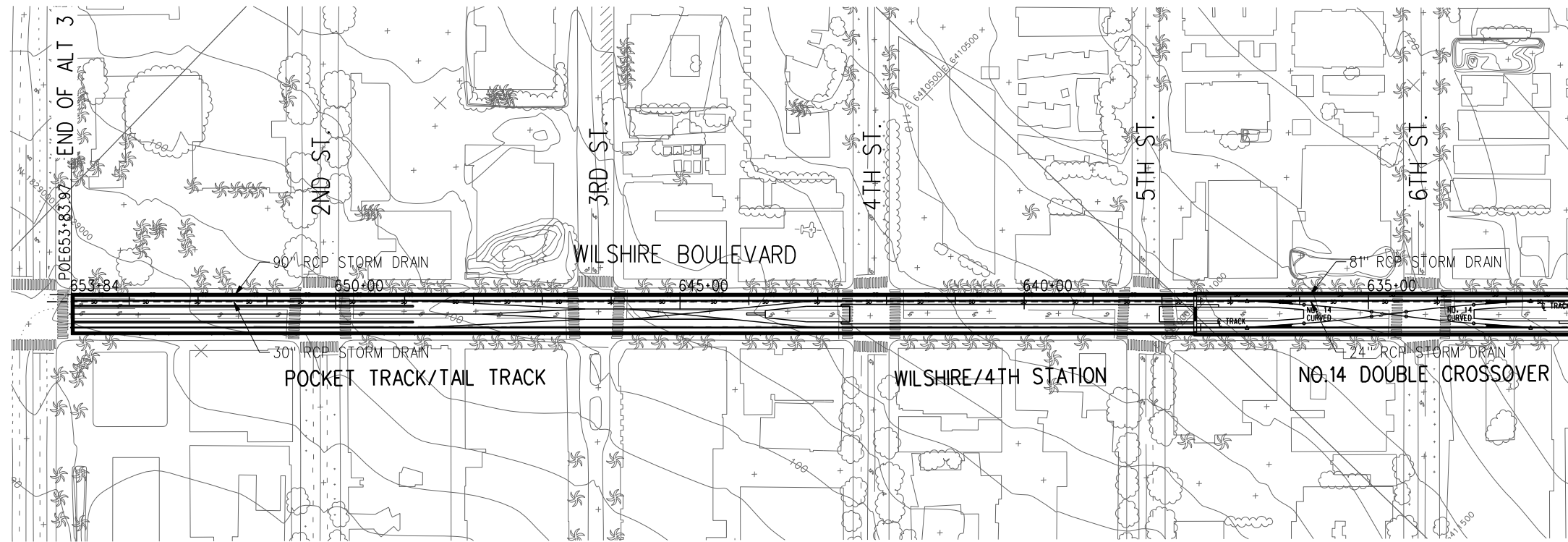
**Metro**

PROJECT MANAGER \_\_\_\_\_

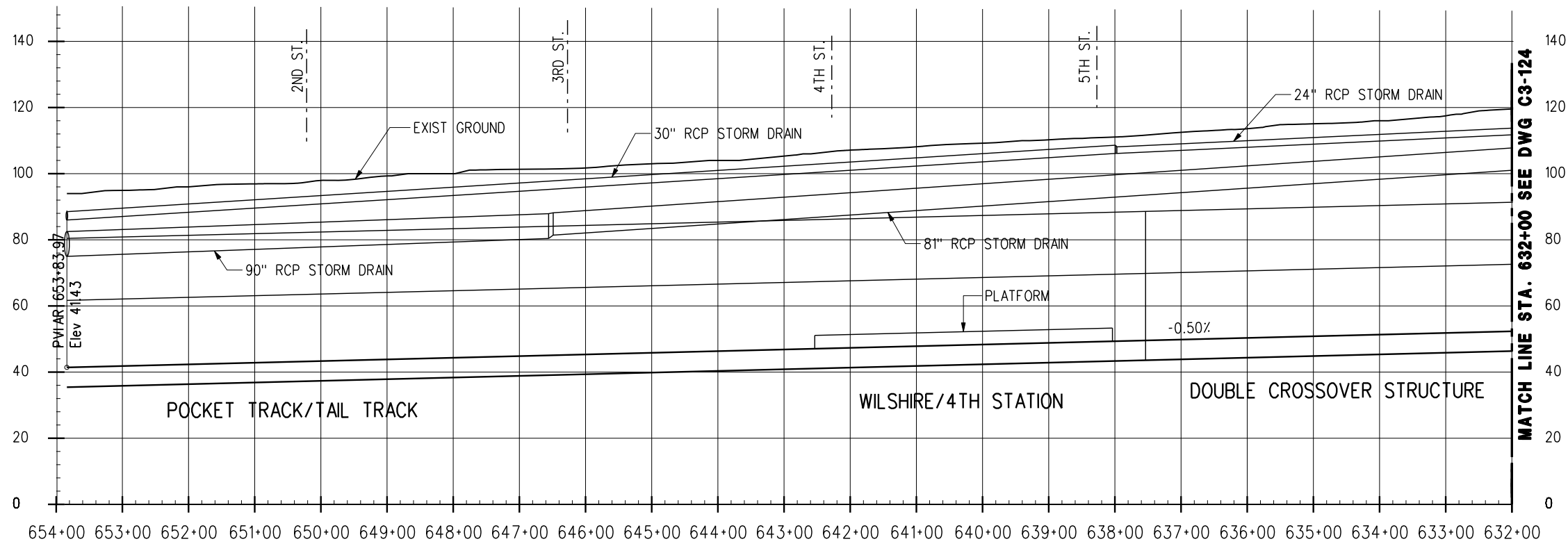
WESTSIDE SUBWAY EXTENSION  
ADV. CONCEPTUAL ENGINEERING

PLAN & PROFILE  
STATION 605+00 TO 632+00  
ALTERNATIVE 3 & 5

CONTRACT NO	
DRAWING NO	C3-124
SCALE	1" = 200'
SHEET NO	

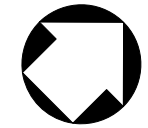


PLAN




PROFILE

MATCH LINE STA. 632+00 SEE DWG C3-124



REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010



**LOS ANGELES COUNTY  
METROPOLITAN TRANSPORTATION AUTHORITY**

**Metro**

PROJECT MANAGER \_\_\_\_\_

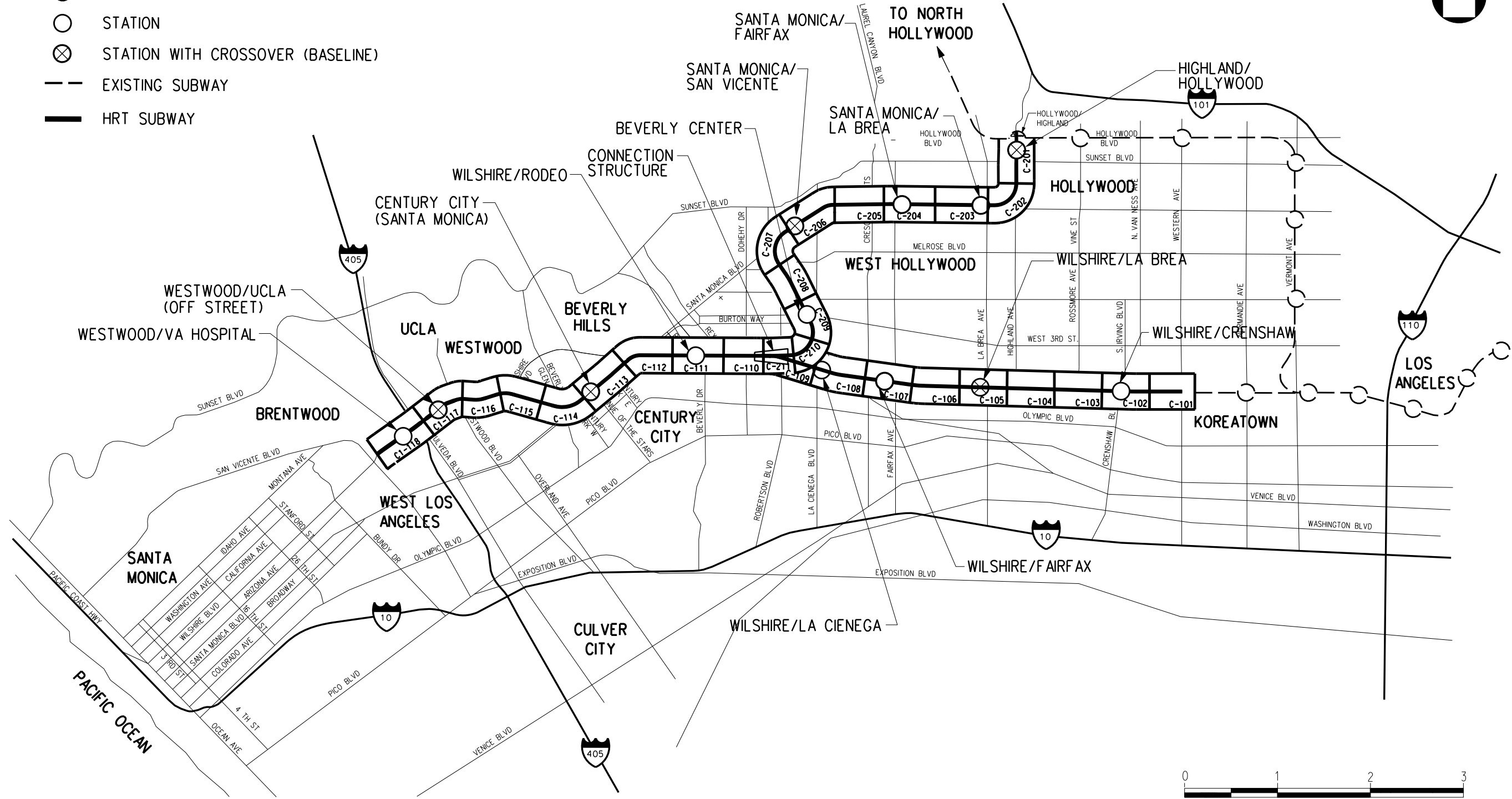
WESTSIDE SUBWAY EXTENSION  
ADV. CONCEPTUAL ENGINEERING

PLAN & PROFILE  
STATION 632+00 TO 653+83.97  
ALTERNATIVE 3 & 5

CONTRACT NO	
DRAWING NO	REV
C3-125	
SCALE	
1" = 200'	
SHEET NO	


**LEGEND**

- EXISTING STATION
- STATION
- ⊗ STATION WITH CROSSOVER (BASELINE)
- - - EXISTING SUBWAY
- HRT SUBWAY



REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010



**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**

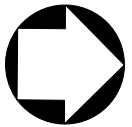
**Metro**

PROJECT MANAGER \_\_\_\_\_

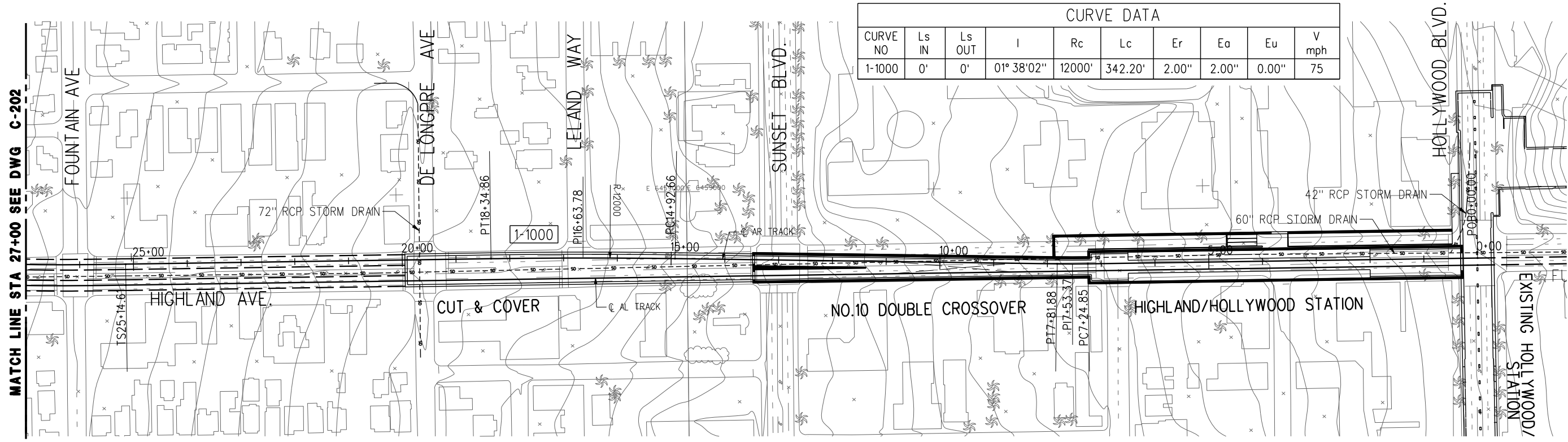
**WESTSIDE SUBWAY EXTENSION**  
**ADV. CONCEPTUAL ENGINEERING**  
  
 ALTERNATIVE #4  
 KEY MAP WITH  
 CROSSOVER LOCATIONS

CONTRACT NO	
DRAWING NO	REV
C4-100	
SCALE	
SHEET NO	

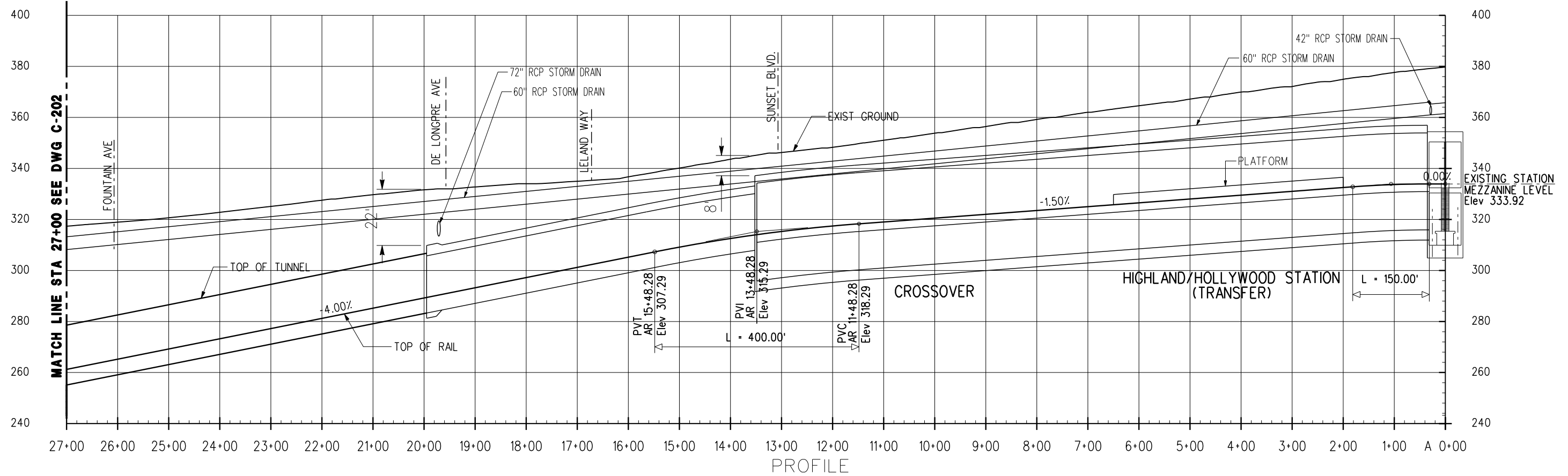




CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1000	0'	0'	01° 38' 02"	12000'	342.20'	2.00"	2.00"	0.00"	75




PLAN



PROFILE

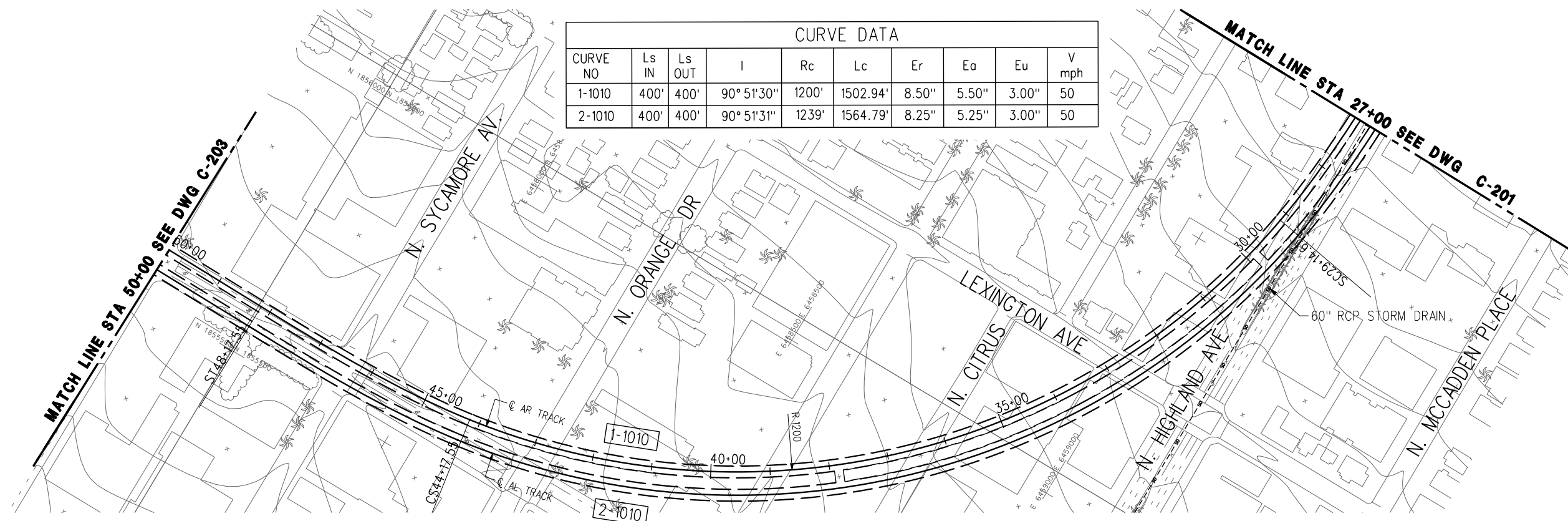
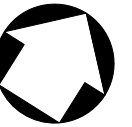
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010


**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**  
 Metro  
 PROJECT MANAGER \_\_\_\_\_

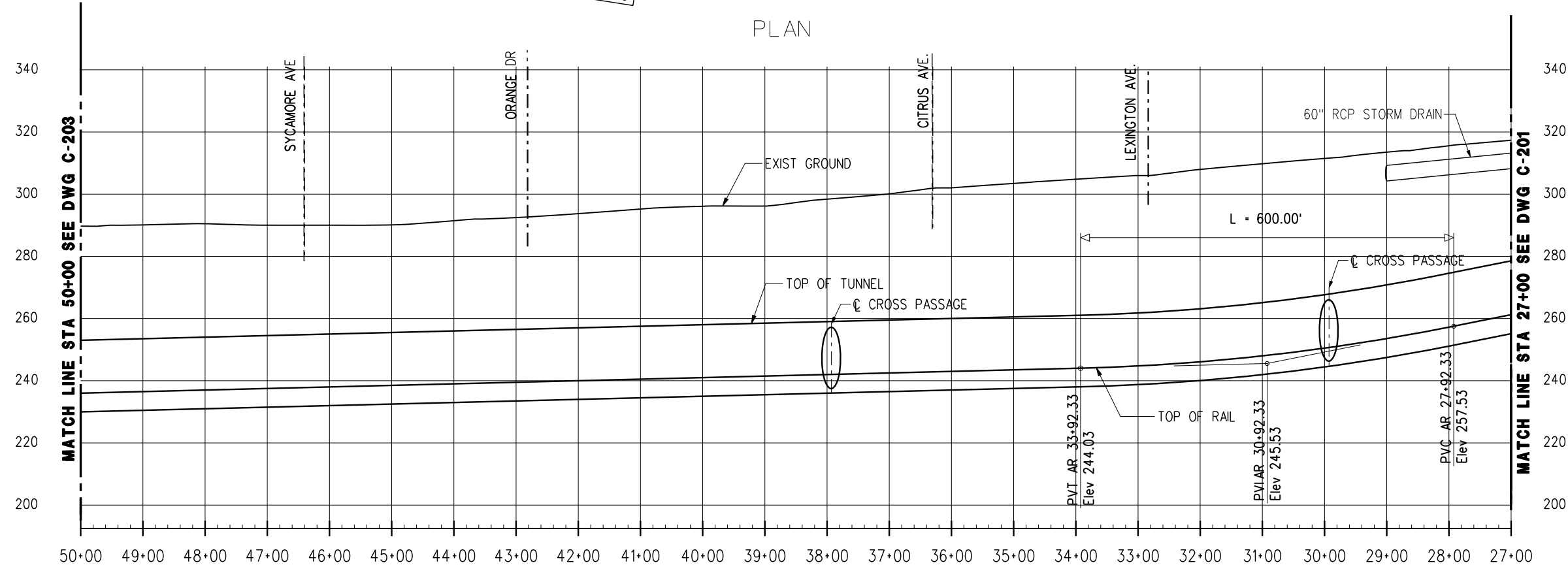
**WESTSIDE SUBWAY EXTENSION**  
**ADV. CONCEPTUAL ENGINEERING**  
 PLAN & PROFILE  
 STATION 0+00 TO 27+00  
 ALTERNATIVE 4 & 5

CONTRACT NO	
DRAWING NO	REV
C-201	
SCALE	
1" = 200'	
SHEET NO	



CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1010	400'	400'	90° 51' 30"	1200'	1502.94'	8.50"	5.50"	3.00"	50
2-1010	400'	400'	90° 51' 31"	1239'	1564.79'	8.25"	5.25"	3.00"	50


PLAN



PROFILE

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010



**LOS ANGELES COUNTY  
METROPOLITAN TRANSPORTATION AUTHORITY**

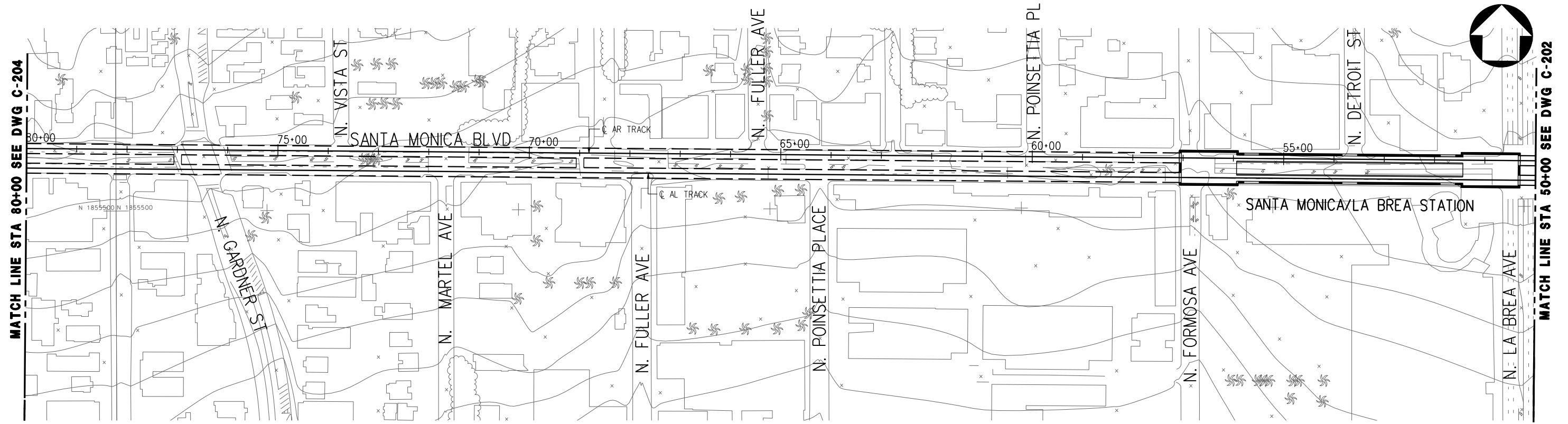
**Metro**

PROJECT MANAGER \_\_\_\_\_

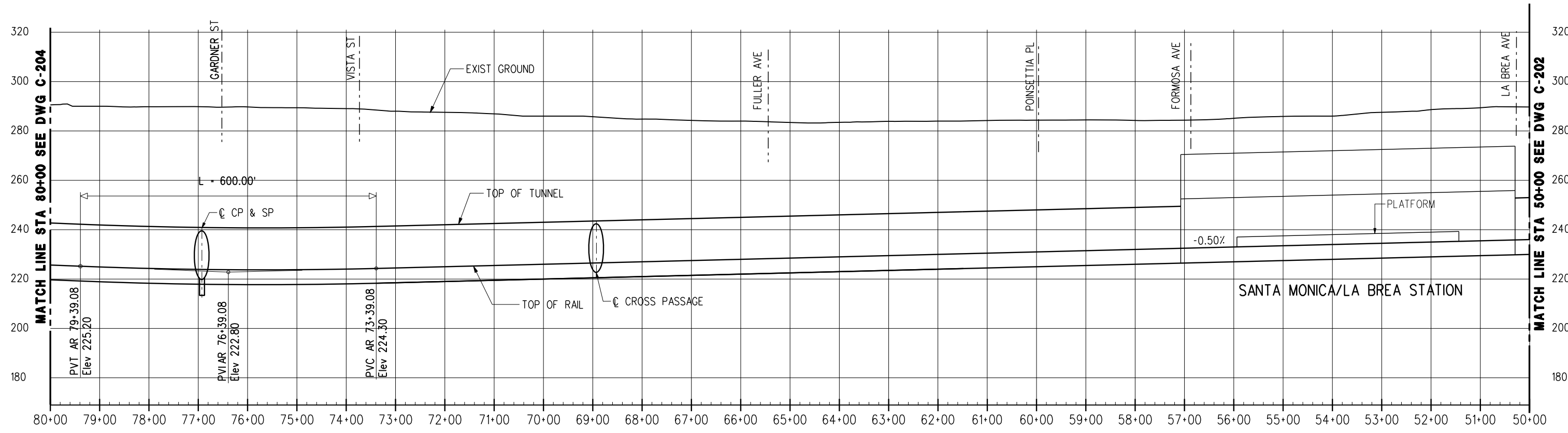
WESTSIDE SUBWAY EXTENSION  
ADV. CONCEPTUAL ENGINEERING

PLAN & PROFILE  
STATION 27+00 TO 50+00  
ALTERNATIVE 4 & 5

CONTRACT NO	
DRAWING NO	REV
C-202	
SCALE	
1" = 200'	
SHEET NO	




PLAN



PROFILE

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

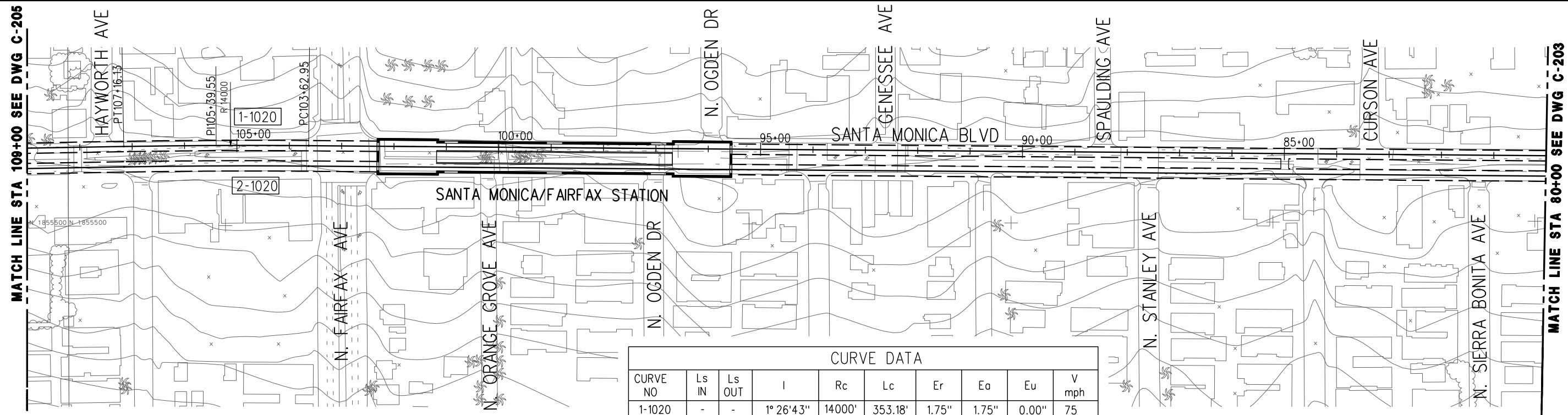
DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010


**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**  
 Metro  
 PROJECT MANAGER \_\_\_\_\_

**WESTSIDE SUBWAY EXTENSION**  
**ADV. CONCEPTUAL ENGINEERING**  
 PLAN & PROFILE  
 STATION 50+00 TO 80+00  
 ALTERNATIVE 4 & 5

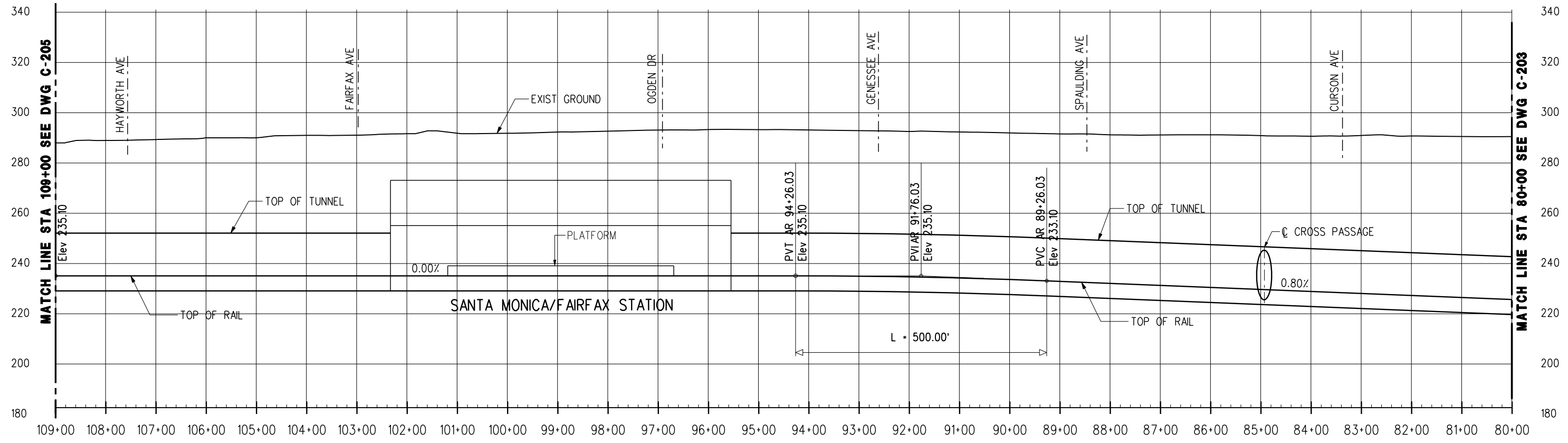
CONTRACT NO	
DRAWING NO	C-203
SCALE	1" = 200'
SHEET NO	





CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Eo	Eu	V mph
1-1020	-	-	1° 26' 43"	14000'	353.18'	1.75"	1.75"	0.00"	75
2-1020	-	-	1° 26' 43"	13961'	352.20'	1.75"	1.75"	0.00"	75


PLAN



PROFILE

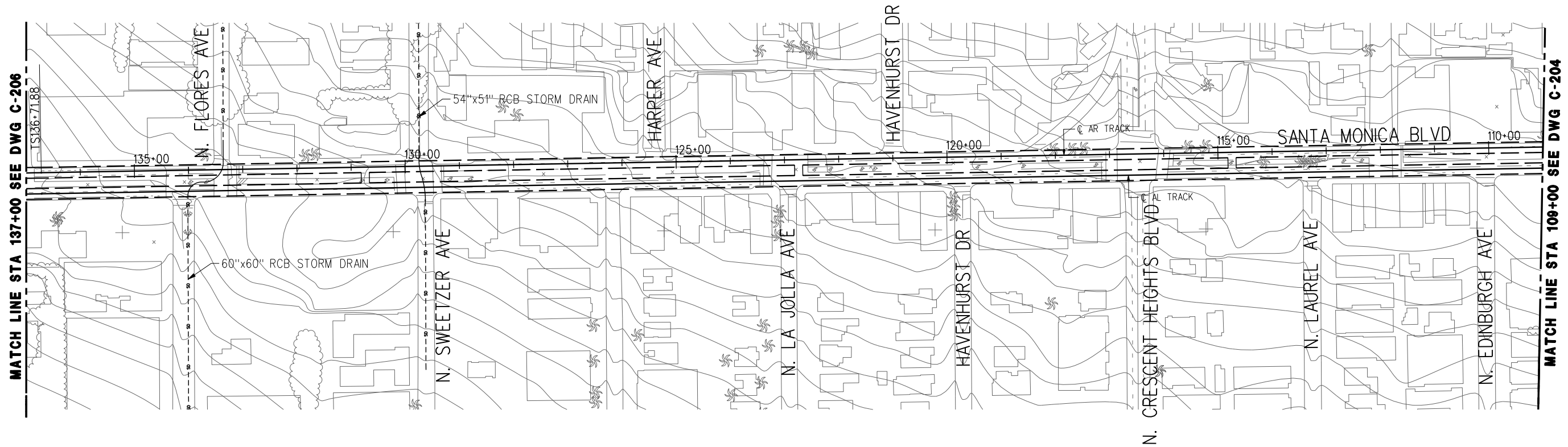
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010

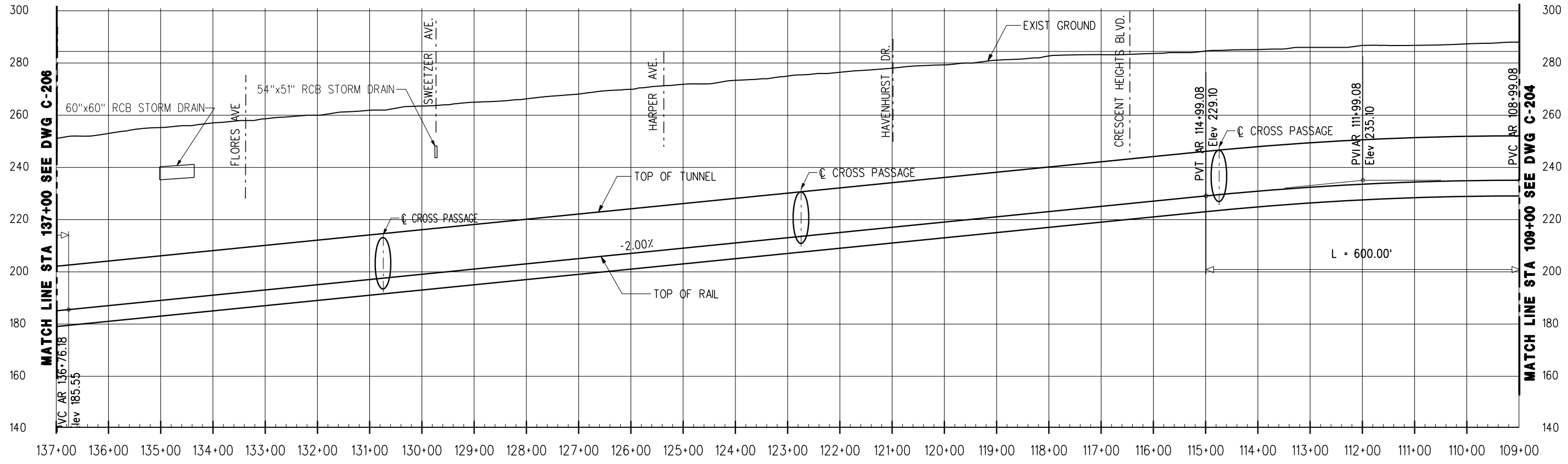

**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**  
 Metro  
 PROJECT MANAGER \_\_\_\_\_

**WESTSIDE SUBWAY EXTENSION**  
**ADV. CONCEPTUAL ENGINEERING**  
 PLAN & PROFILE  
 STATION 80+00 TO 109+00  
 ALTERNATIVE 4 & 5

CONTRACT NO	
DRAWING NO	REV
C-204	
SCALE	
1' = 200'	
SHEET NO	



PLAN




PROFILE



REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010



**LOS ANGELES COUNTY  
METROPOLITAN TRANSPORTATION AUTHORITY**

**Metro**

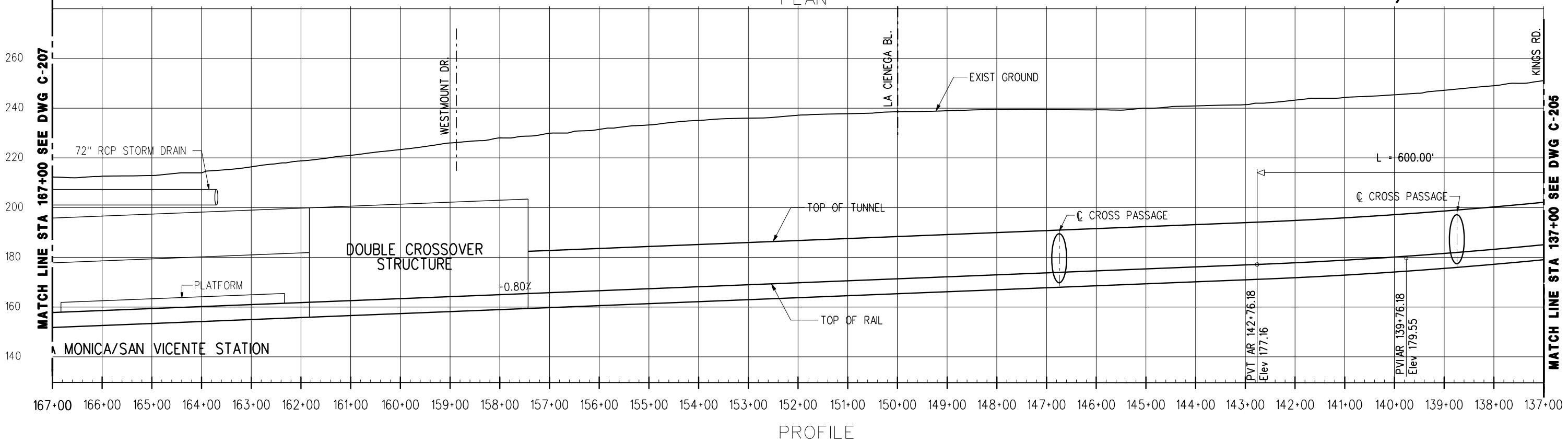
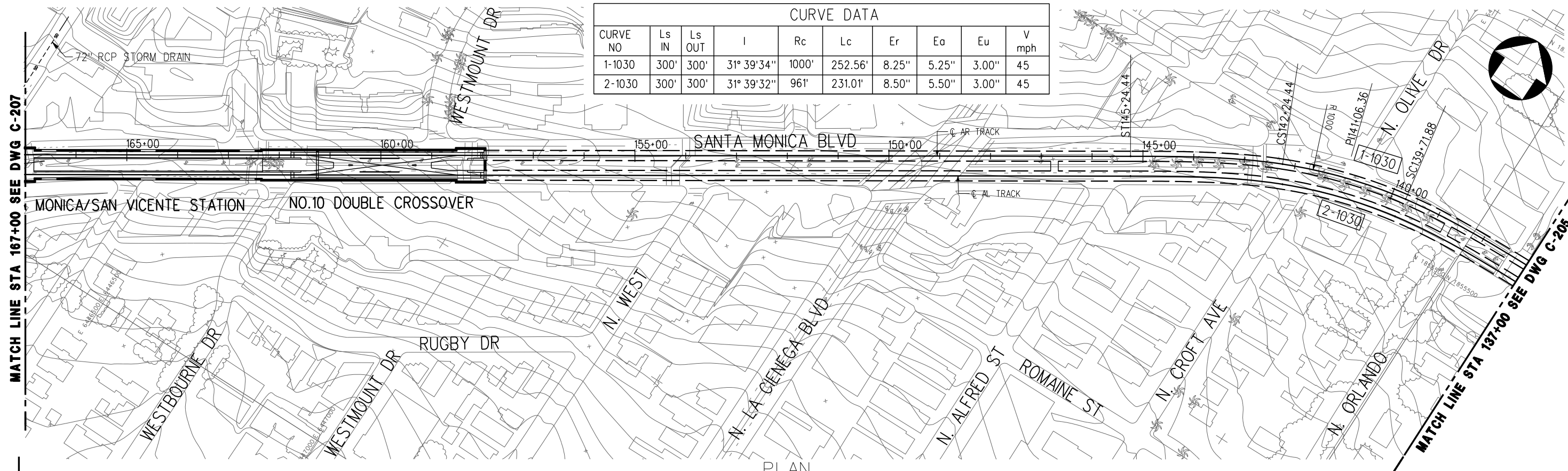
PROJECT MANAGER \_\_\_\_\_

WESTSIDE SUBWAY EXTENSION  
ADV. CONCEPTUAL ENGINEERING

PLAN & PROFILE  
STATION 109+00 TO 137+00  
ALTERNATIVE 4 & 5

CONTRACT NO	
DRAWING NO	REV
C-205	
SCALE	
1" = 200'	
SHEET NO	

CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1030	300'	300'	31° 39' 34"	1000'	252.56'	8.25"	5.25"	3.00"	45
2-1030	300'	300'	31° 39' 32"	961'	231.01'	8.50"	5.50"	3.00"	45



REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010

**M** **Metro**

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

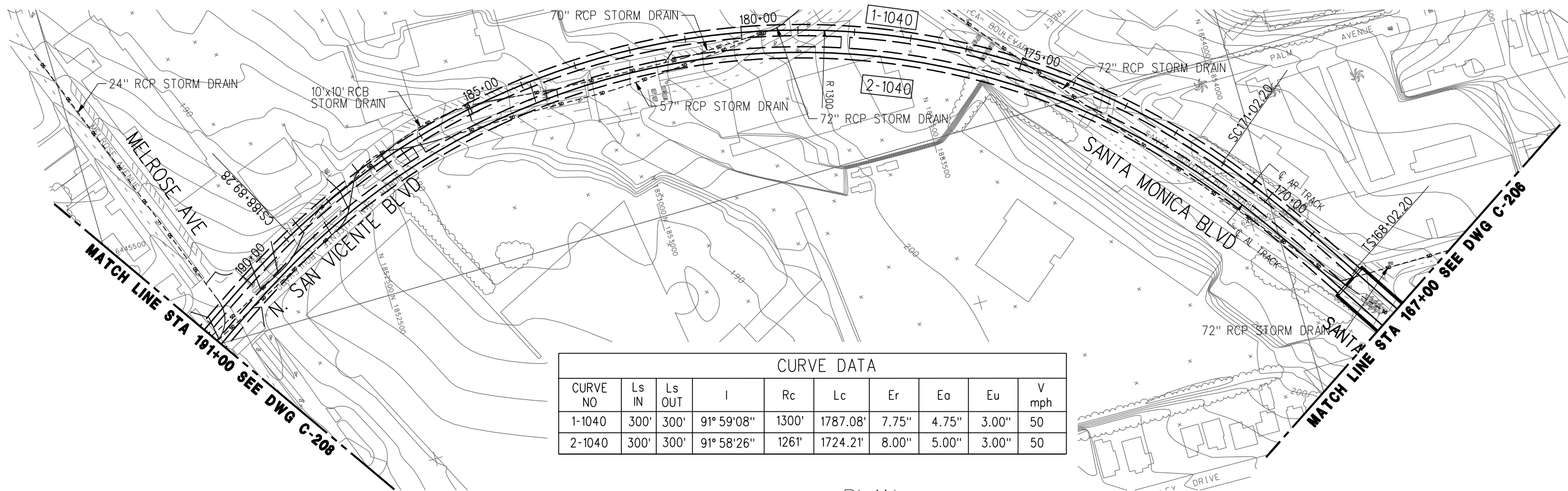
PROJECT MANAGER \_\_\_\_\_

WESTSIDE SUBWAY EXTENSION  
ADV. CONCEPTUAL ENGINEERING

PLAN & PROFILE  
STATION 137+00 TO 167+00  
ALTERNATIVE 4 & 5

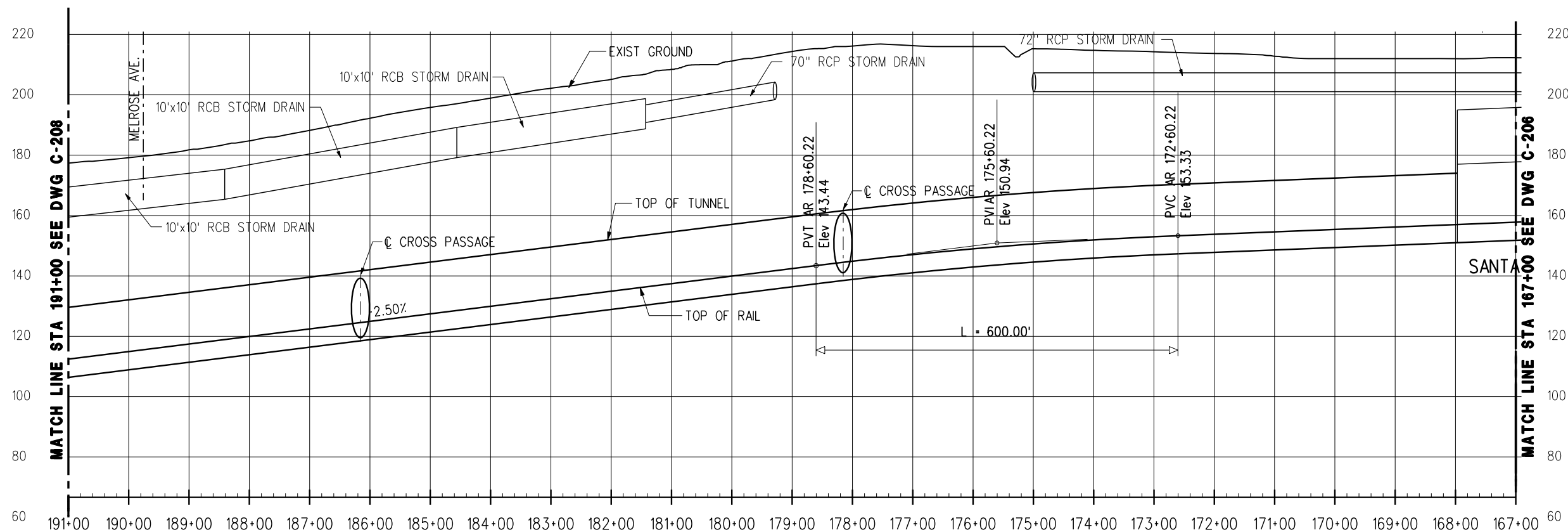
CONTRACT NO	
DRAWING NO	C-206
SCALE	1" = 200'
SHEET NO	





CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1040	300'	300'	91° 59' 08"	1300'	1787.08'	7.75"	4.75"	3.00"	50
2-1040	300'	300'	91° 58' 26"	1261'	1724.21'	8.00"	5.00"	3.00"	50

PLAN



PROFILE

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010



**Metro**

**LOS ANGELES COUNTY  
METROPOLITAN TRANSPORTATION AUTHORITY**

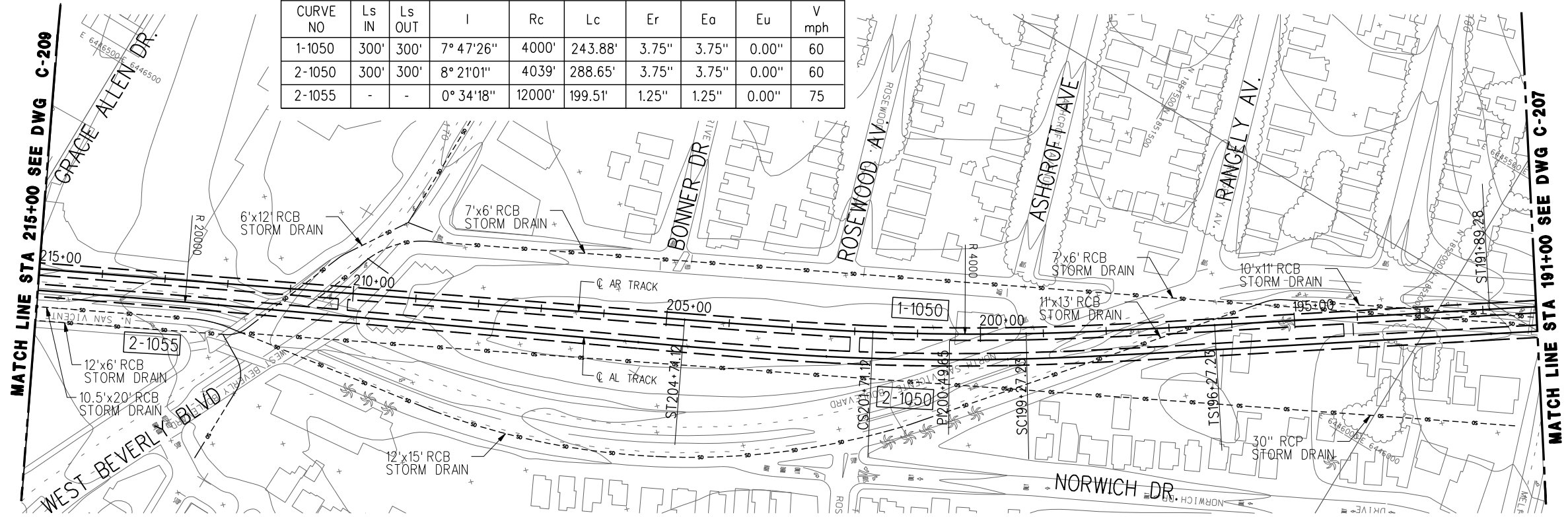
PROJECT MANAGER \_\_\_\_\_

**WESTSIDE SUBWAY EXTENSION  
ADV. CONCEPTUAL ENGINEERING**

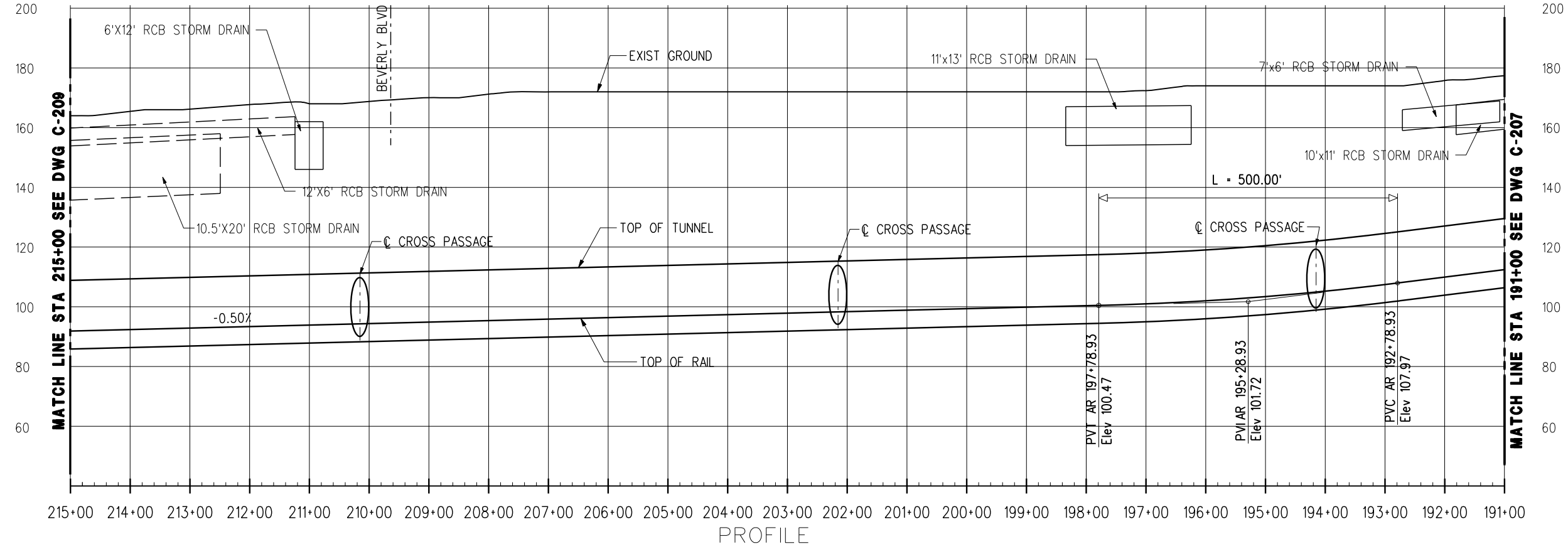
PLAN & PROFILE  
STATION 167+00 TO 191+00  
ALTERNATIVE 4 & 5

CONTRACT NO	
DRAWING NO	REV
C-207	
SCALE	
1" = 200'	
SHEET NO	

CURVE DATA										
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V	mph
1-1050	300'	300'	7° 47' 26"	4000'	243.88'	3.75"	3.75"	0.00"	60	
2-1050	300'	300'	8° 21' 01"	4039'	288.65'	3.75"	3.75"	0.00"	60	
2-1055	-	-	0° 34' 18"	12000'	199.51'	1.25"	1.25"	0.00"	75	




PLAN



PROFILE

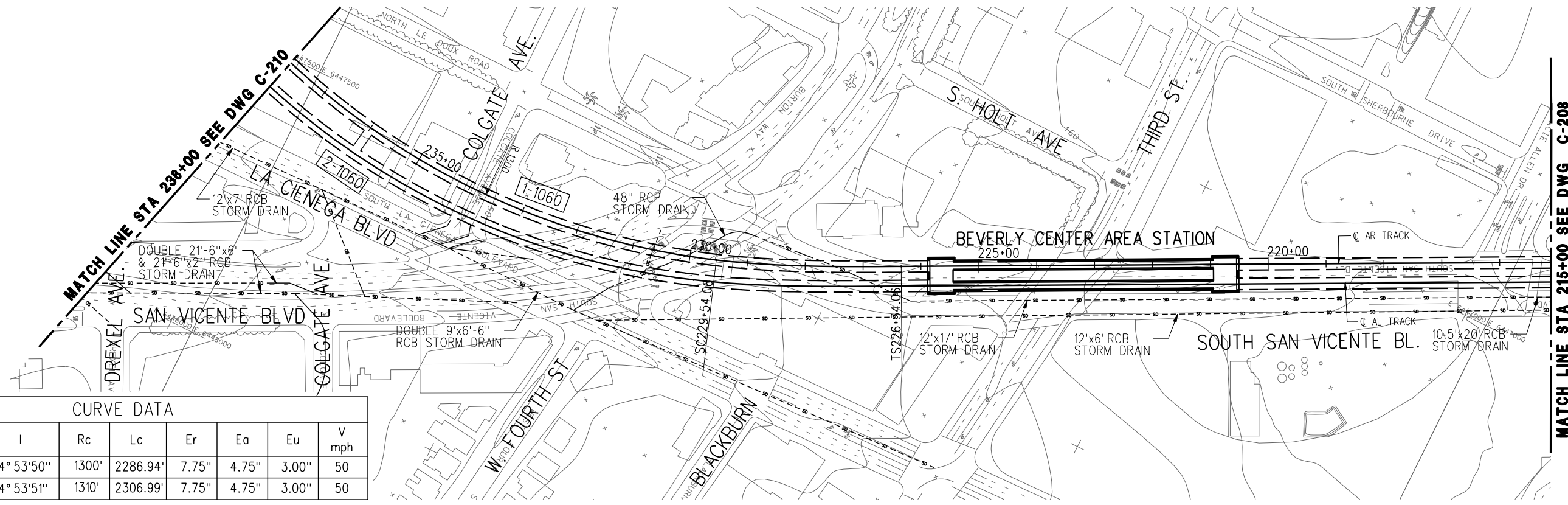
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010


**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**  
 Metro  
 PROJECT MANAGER \_\_\_\_\_

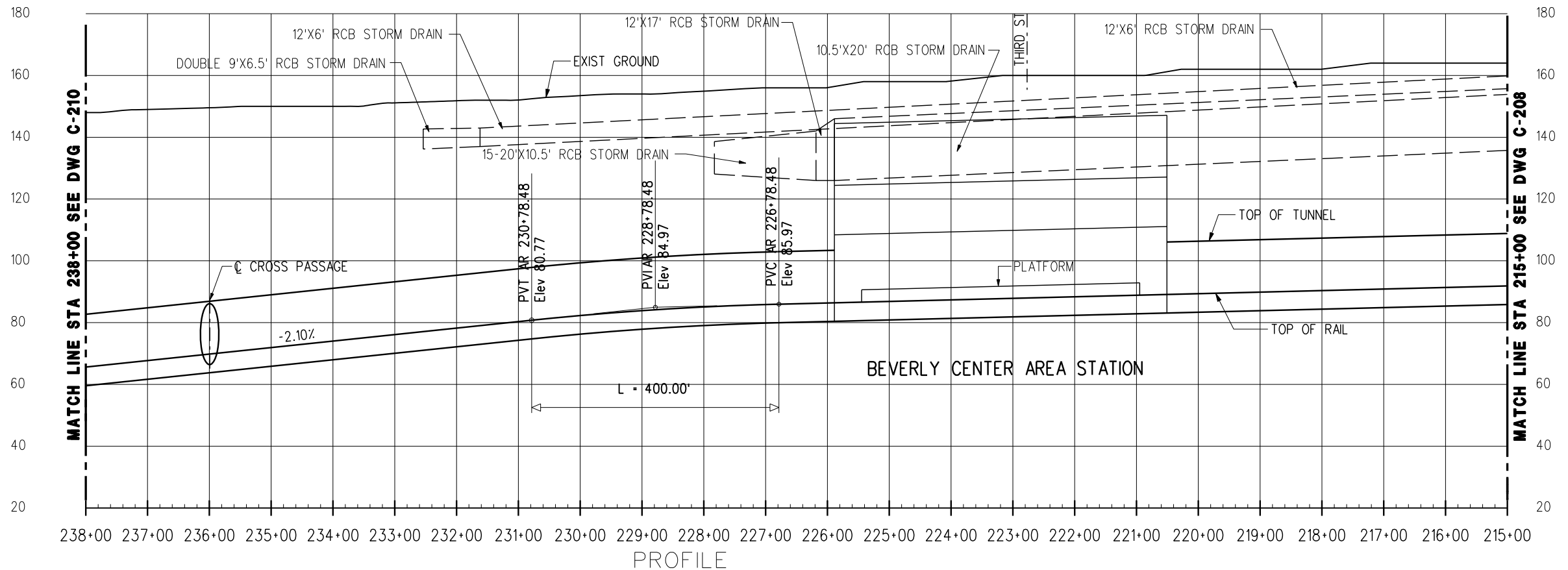
**WESTSIDE SUBWAY EXTENSION**  
**ADV. CONCEPTUAL ENGINEERING**  
 PLAN & PROFILE  
 STATION 191+00 TO 215+00  
 ALTERNATIVE 4 & 5

CONTRACT NO	
DRAWING NO	REV
C-208	
SCALE	
1" = 200'	
SHEET NO	



CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1060	320'	320'	114° 53' 50"	1300'	2286.94'	7.75"	4.75"	3.00"	50
2-1060	320'	320'	114° 53' 51"	1310'	2306.99'	7.75"	4.75"	3.00"	50


PLAN



PROFILE

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010

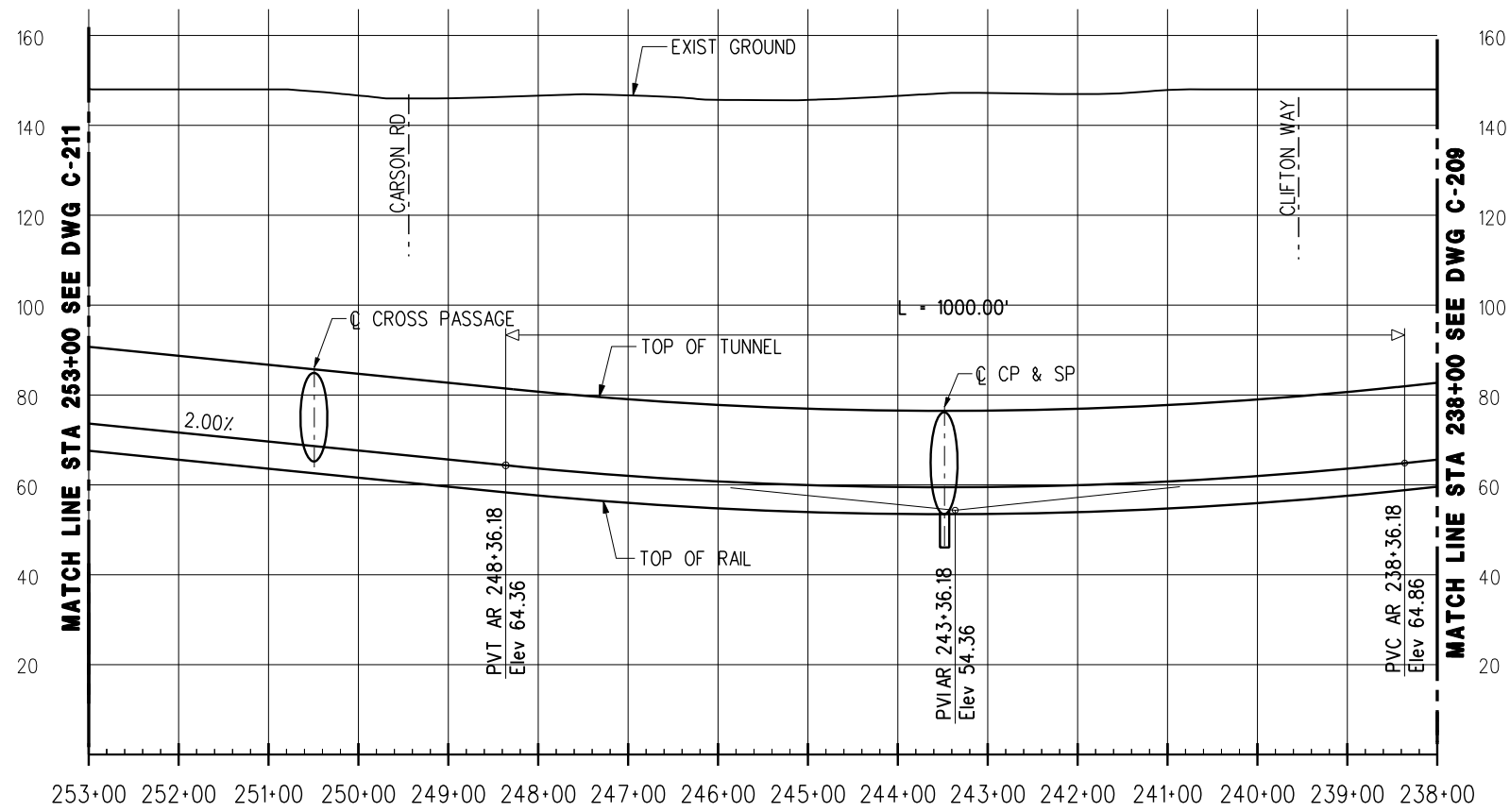
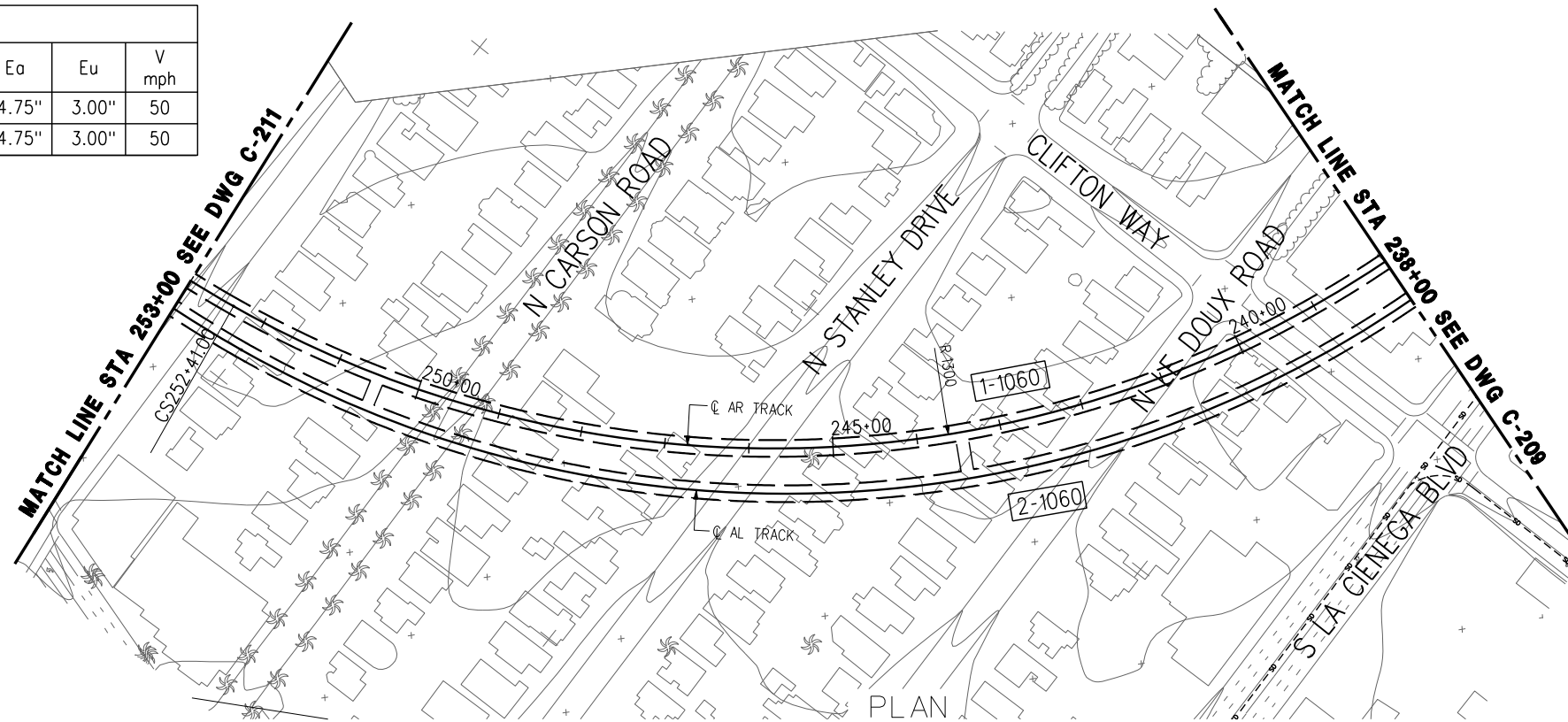
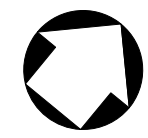

**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**  
 Metro  
 PROJECT MANAGER \_\_\_\_\_

**WESTSIDE SUBWAY EXTENSION**  
**ADV. CONCEPTUAL ENGINEERING**  
 PLAN & PROFILE  
 STATION 215+00 TO 238+00  
 ALTERNATIVE 4 & 5

CONTRACT NO	
DRAWING NO	REV
C-209	
SCALE	
1" = 200'	
SHEET NO	




CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1060	320'	320'	114° 53' 50"	1300'	2286.94'	7.75"	4.75"	3.00"	50
2-1060	320'	320'	114° 53' 51"	1310'	2306.99'	7.75"	4.75"	3.00"	50



PROFILE


REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010



**LOS ANGELES COUNTY  
METROPOLITAN TRANSPORTATION AUTHORITY**

**Metro**

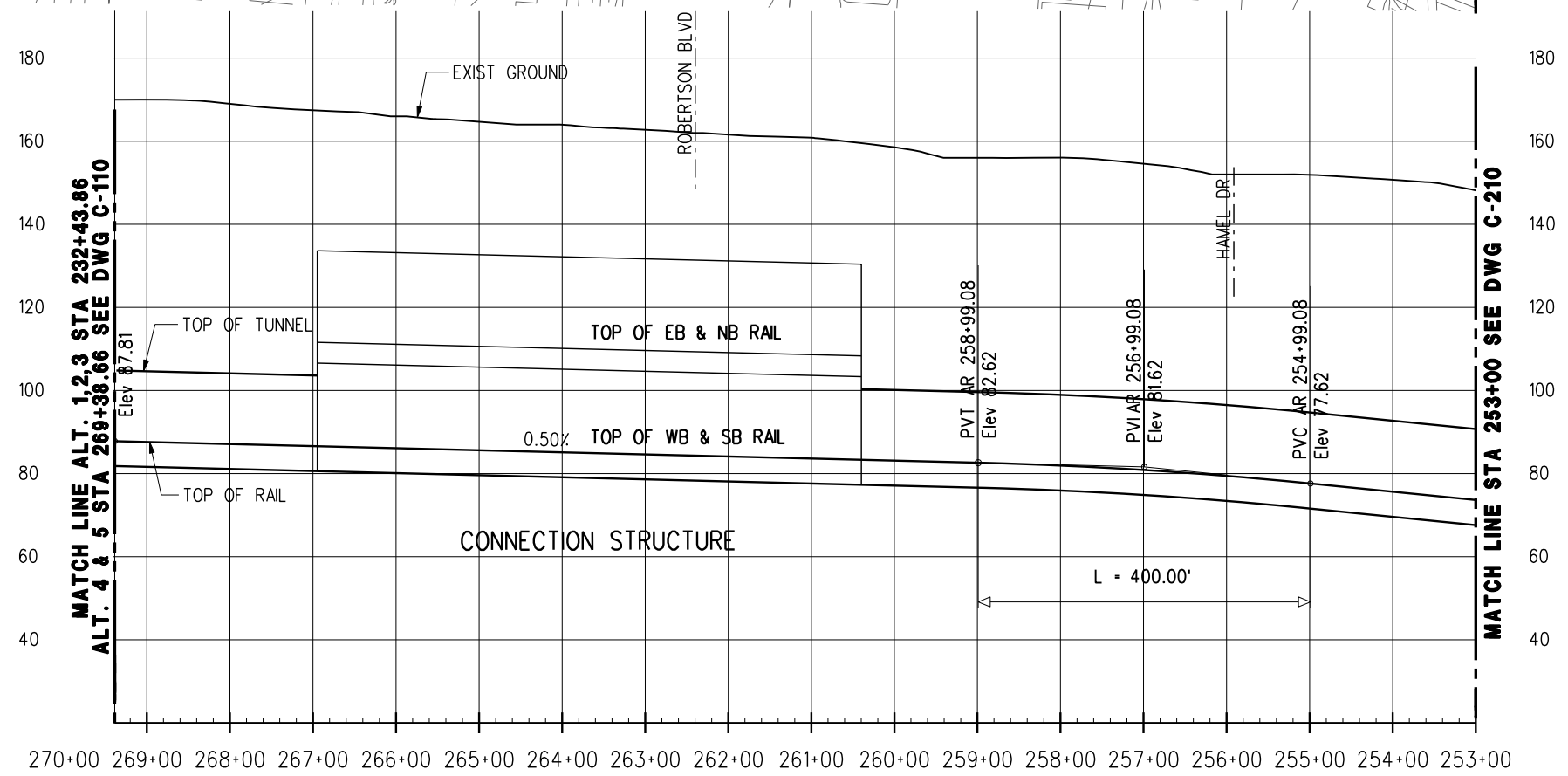
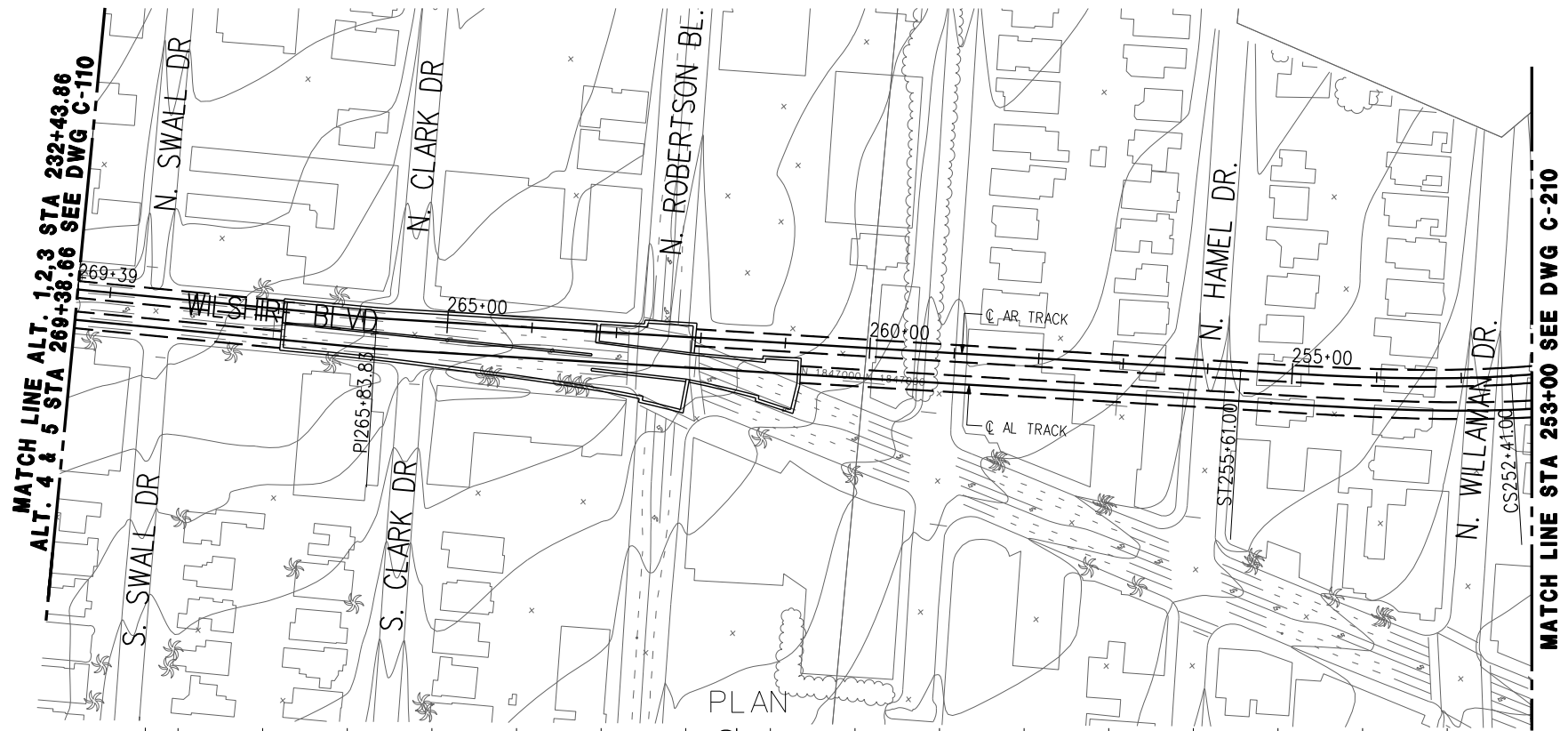


PROJECT MANAGER \_\_\_\_\_

WESTSIDE SUBWAY EXTENSION  
ADV. CONCEPTUAL ENGINEERING

PLAN & PROFILE  
STATION 238+00 TO 253+00  
ALTERNATIVE 4 & 5


CONTRACT NO	
DRAWING NO	REV
C-210	
SCALE	
1" = 200'	
SHEET NO	



PROFILE

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010



**LOS ANGELES COUNTY  
METROPOLITAN TRANSPORTATION AUTHORITY**

**Metro**

PROJECT MANAGER \_\_\_\_\_

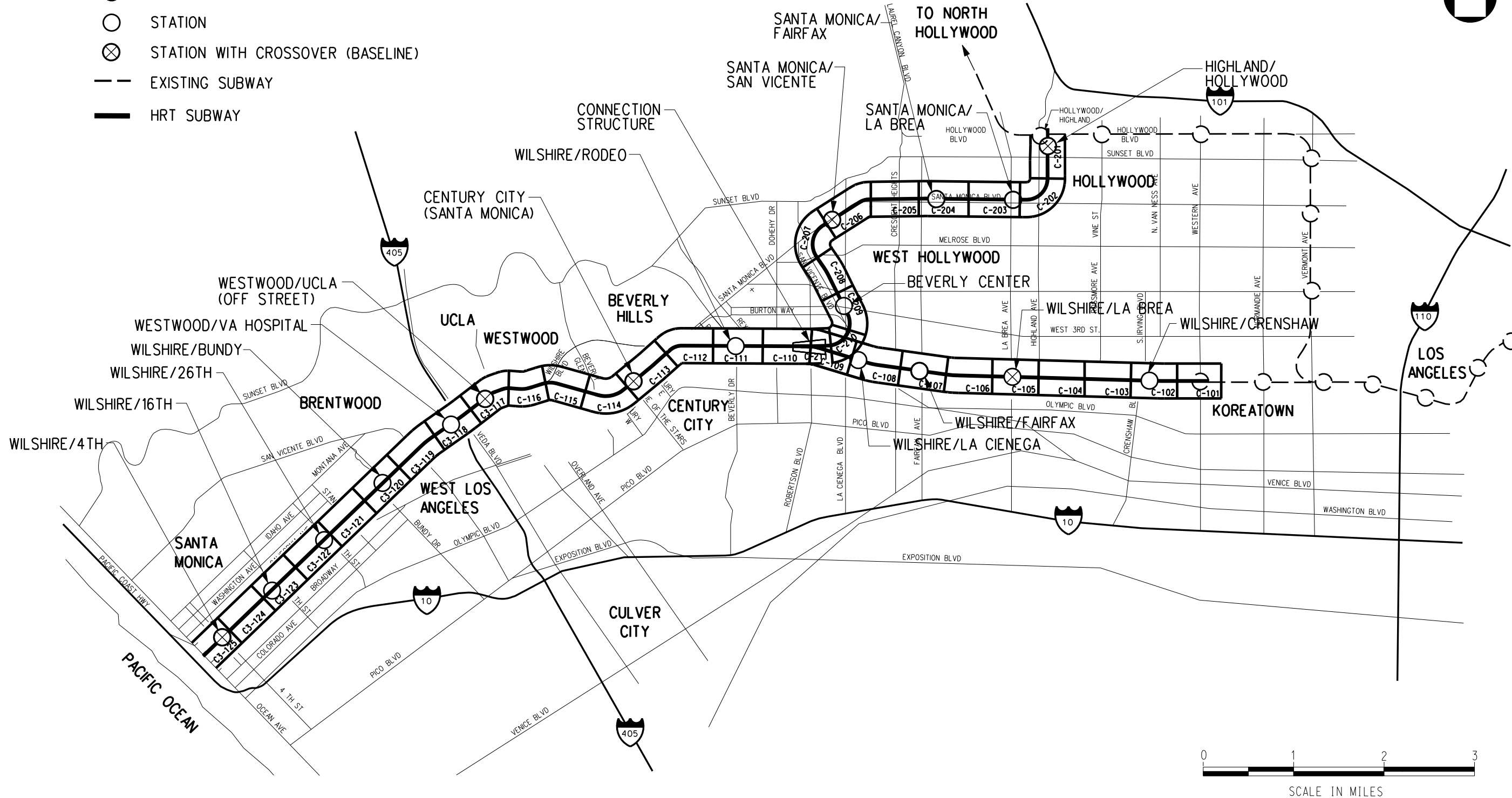
WESTSIDE SUBWAY EXTENSION  
ADV. CONCEPTUAL ENGINEERING

PLAN & PROFILE  
STATION 253+00 TO 269+38.66  
ALTERNATIVE 4 & 5

CONTRACT NO	
DRAWING NO	REV
C-211	
SCALE	1"=200'
SHEET NO	

**LEGEND**

- EXISTING STATION
- STATION
- ⊗ STATION WITH CROSSOVER (BASELINE)
- - - EXISTING SUBWAY
- HRT SUBWAY



REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010



**Metro**

**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**

PROJECT MANAGER \_\_\_\_\_

**WESTSIDE SUBWAY EXTENSION  
ADV. CONCEPTUAL ENGINEERING**

ALTERNATIVE #5  
KEY MAP WITH  
CROSSOVER LOCATIONS

CONTRACT NO	
DRAWING NO	REV
C5-100	
SCALE	
SHEET NO	