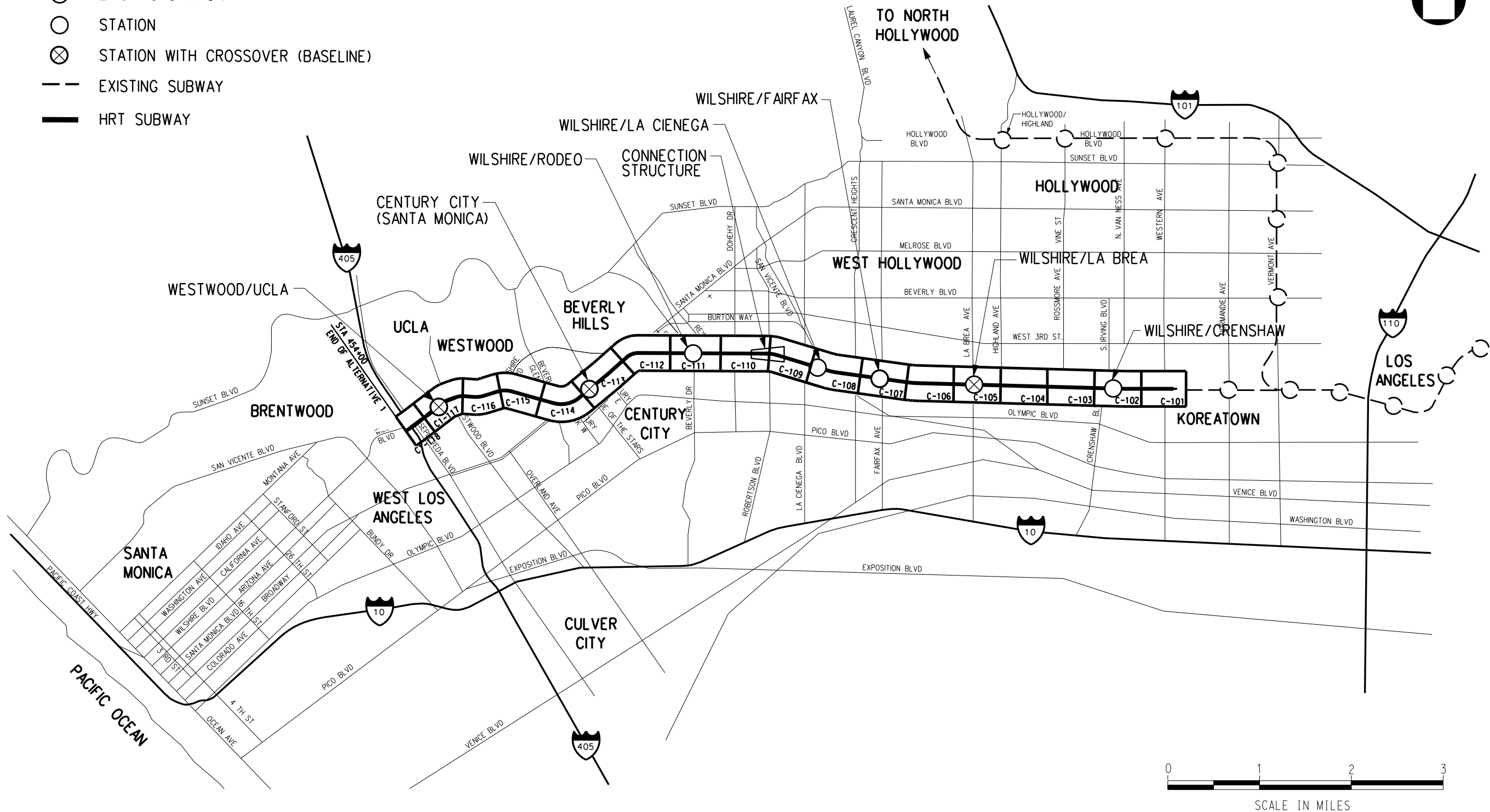


LEGEND

- 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

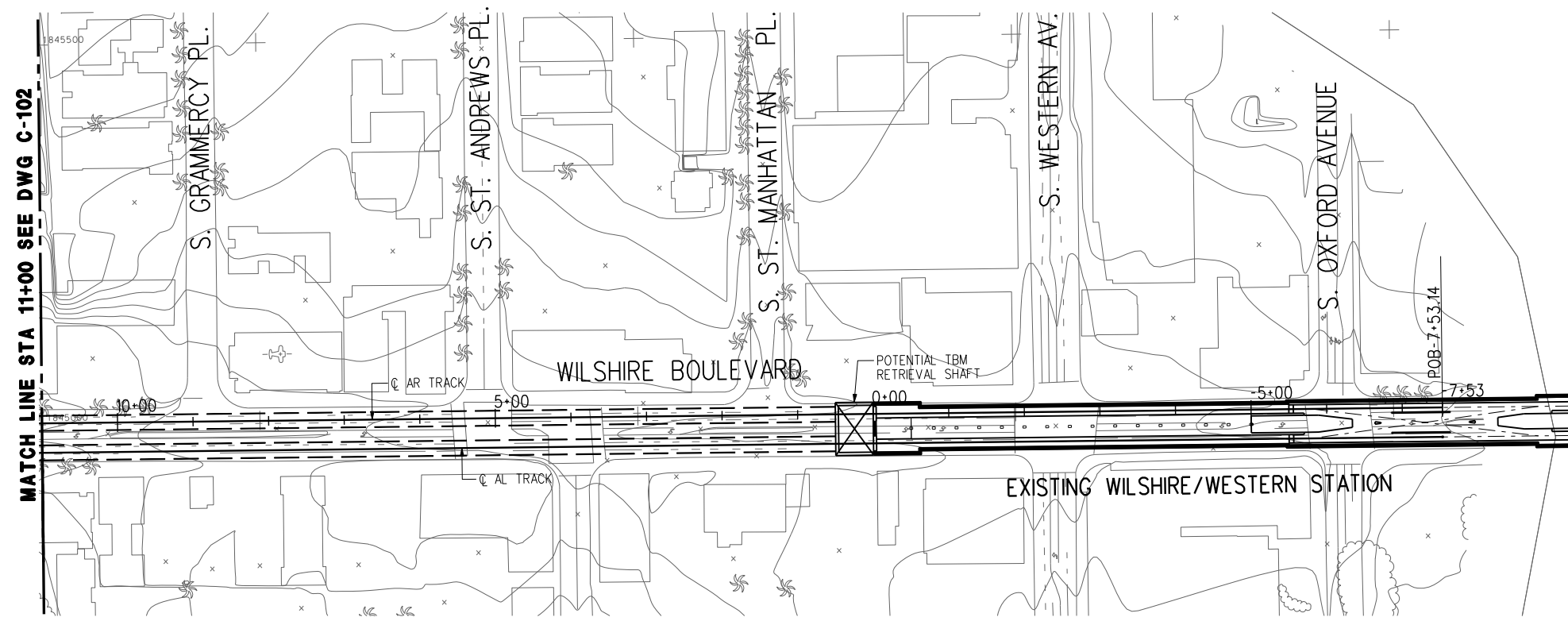
LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

PROJECT MANAGER _____

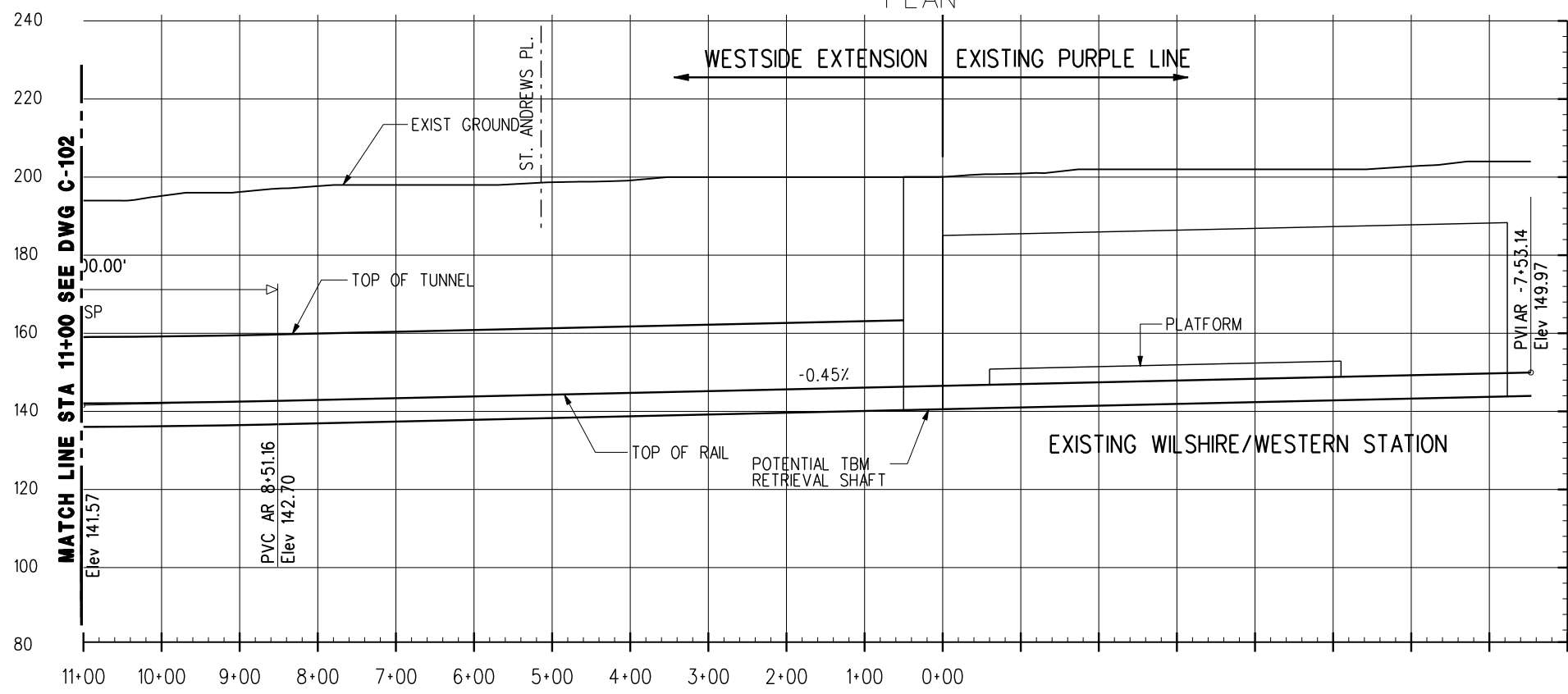
WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING

ALTERNATIVE 1
KEY MAP WITH
CROSSOVER LOCATIONS

CONTRACT NO	
DRAWING NO	C1-100
SCALE	
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**

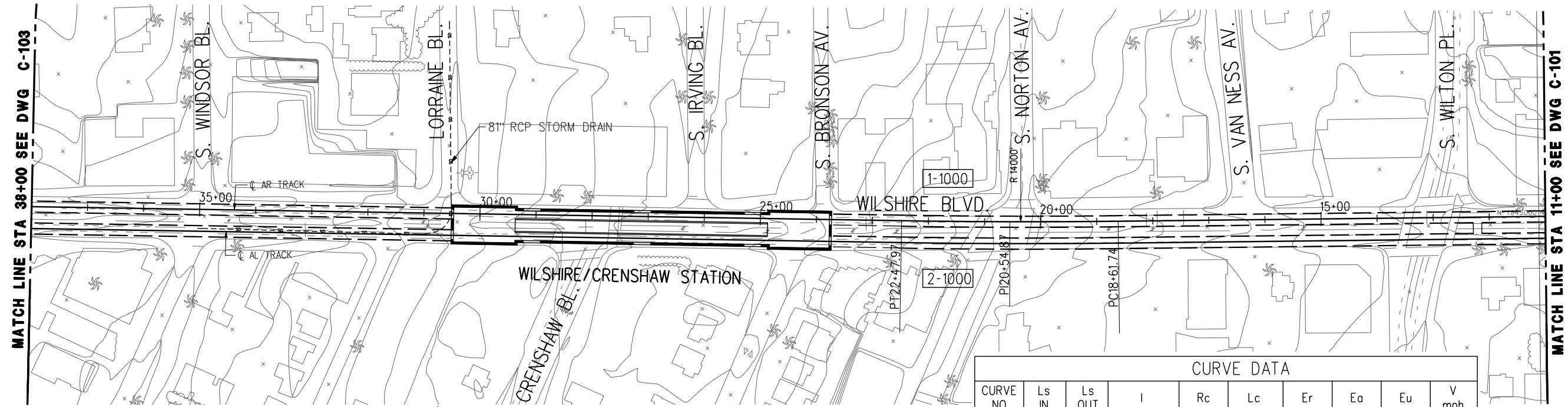
Metro

PROJECT MANAGER _____

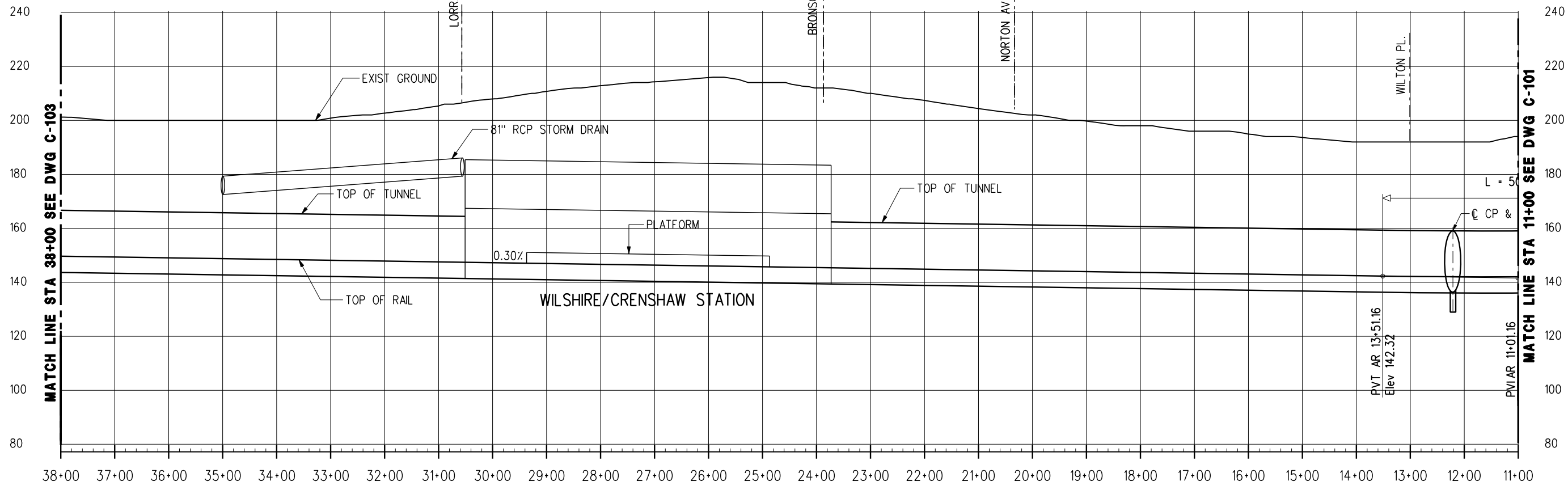
WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING

PLAN & PROFILE
STATION 0+00 TO 11+00
ALTERNATIVE 1, 2, 3, 4 & 5

CONTRACT NO	
DRAWING NO	REV
C-101	
SCALE	
1"=200'	
SHEET NO	




PLAN



PROFILE

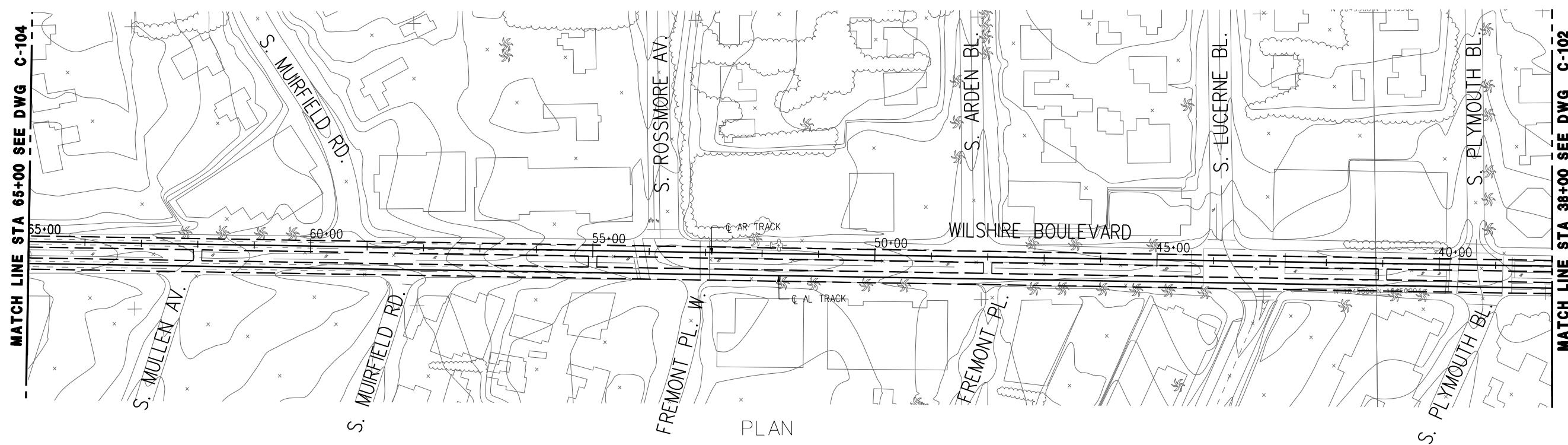
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010

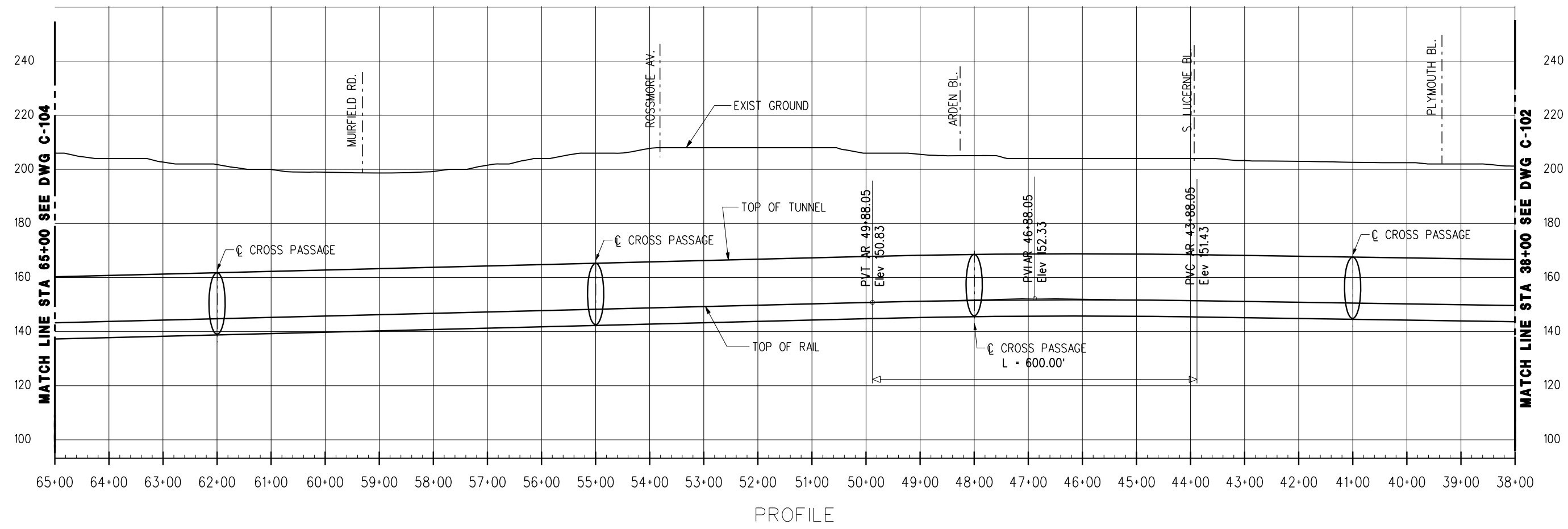

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY
 Metro
 PROJECT MANAGER _____

WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING
 PLAN & PROFILE
 STATION 11+00 TO 38+00
 ALTERNATIVE 1, 2, 3, 4 & 5

CONTRACT NO	
DRAWING NO	REV
C-102	
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**

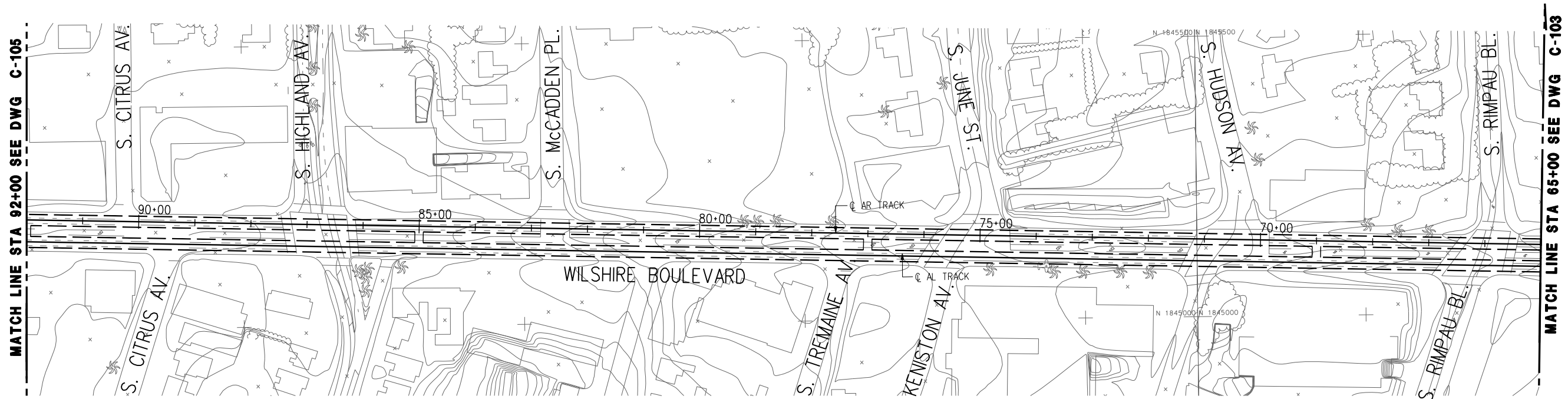
Metro

PROJECT MANAGER _____

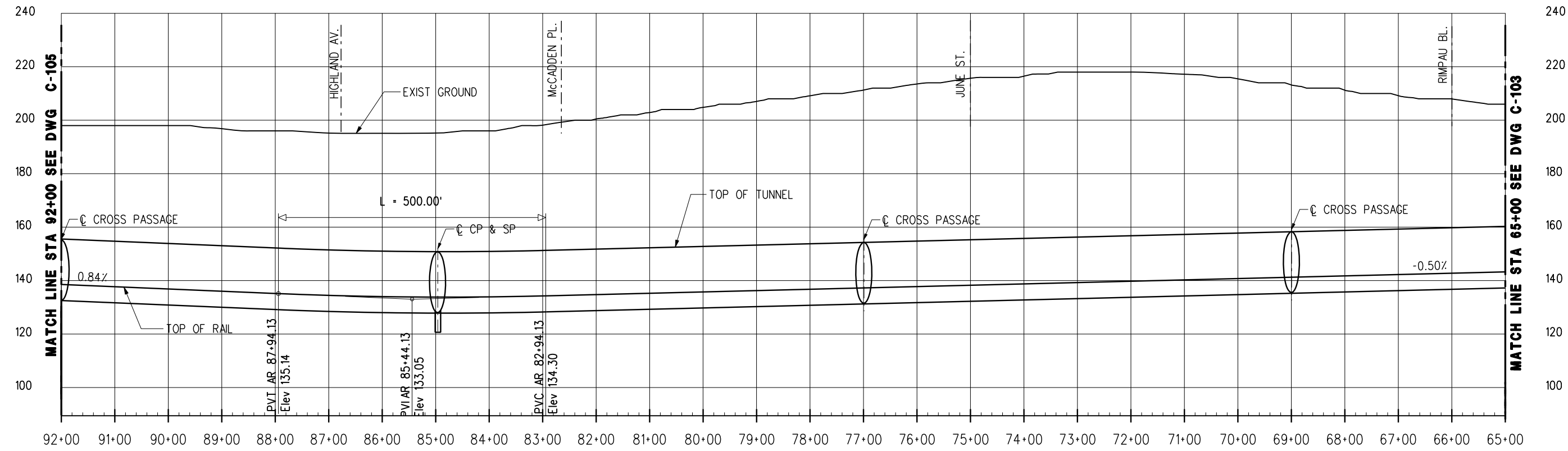
**WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING**

 PLAN AND PROFILE
 STATION 38+00 TO 65+00
 ALTERNATIVE 1, 2, 3, 4 & 5

CONTRACT NO	
DRAWING NO C-103	REV
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**

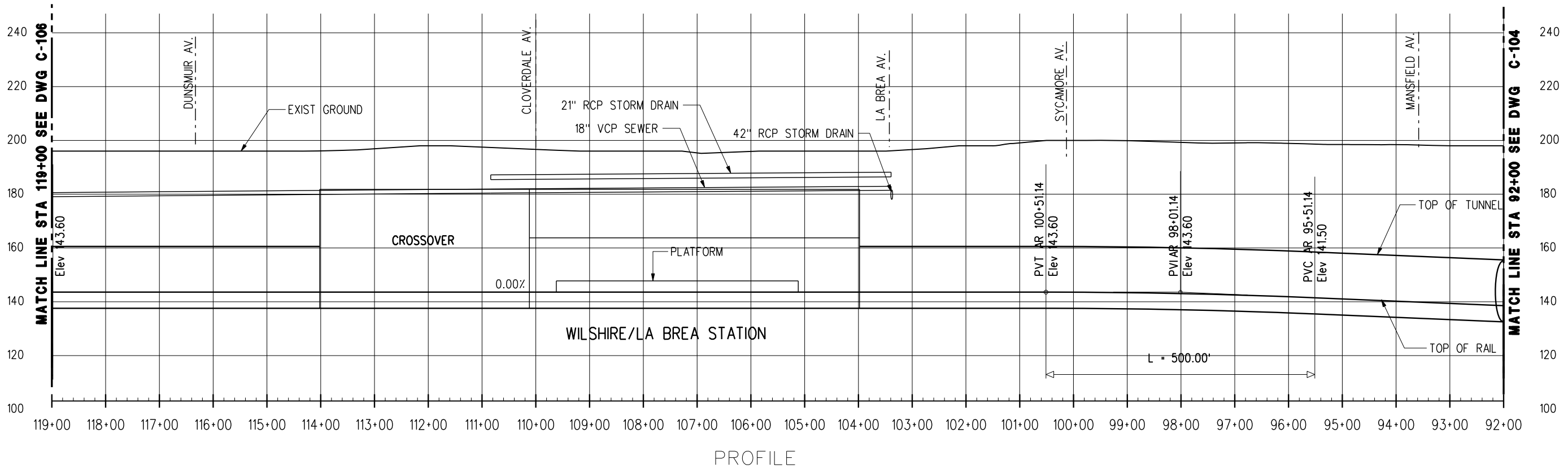
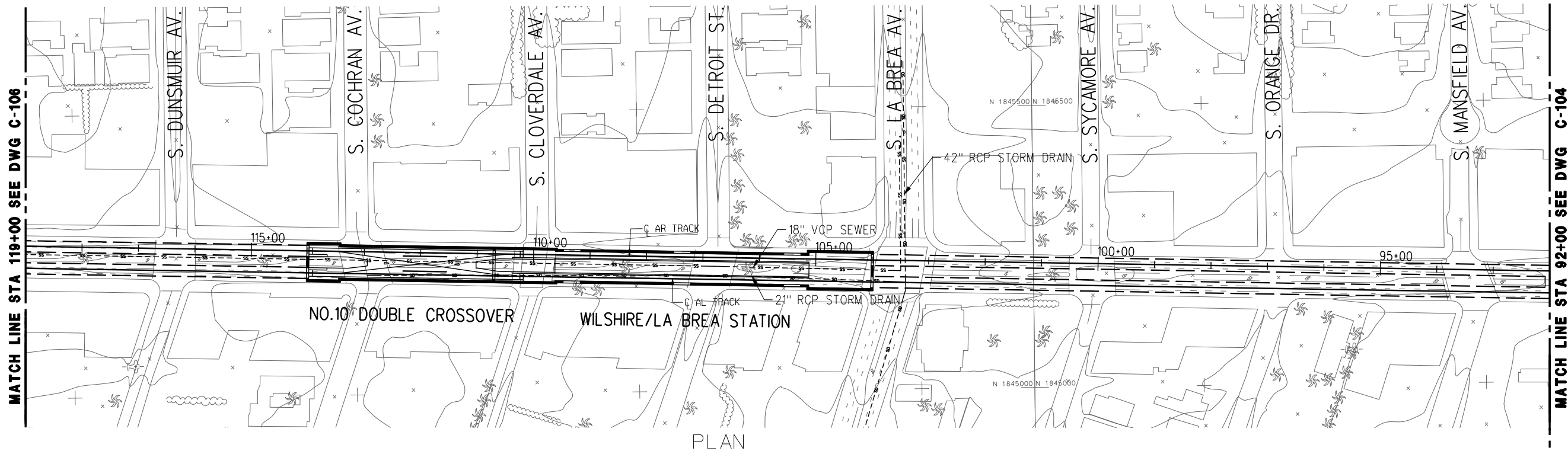
Metro

PROJECT MANAGER _____

**WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING**


 PLAN & PROFILE
 STATION 65+00 TO 92+00
 ALTERNATIVE 1, 2, 3, 4 & 5

CONTRACT NO	
DRAWING NO	REV
C-104	
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

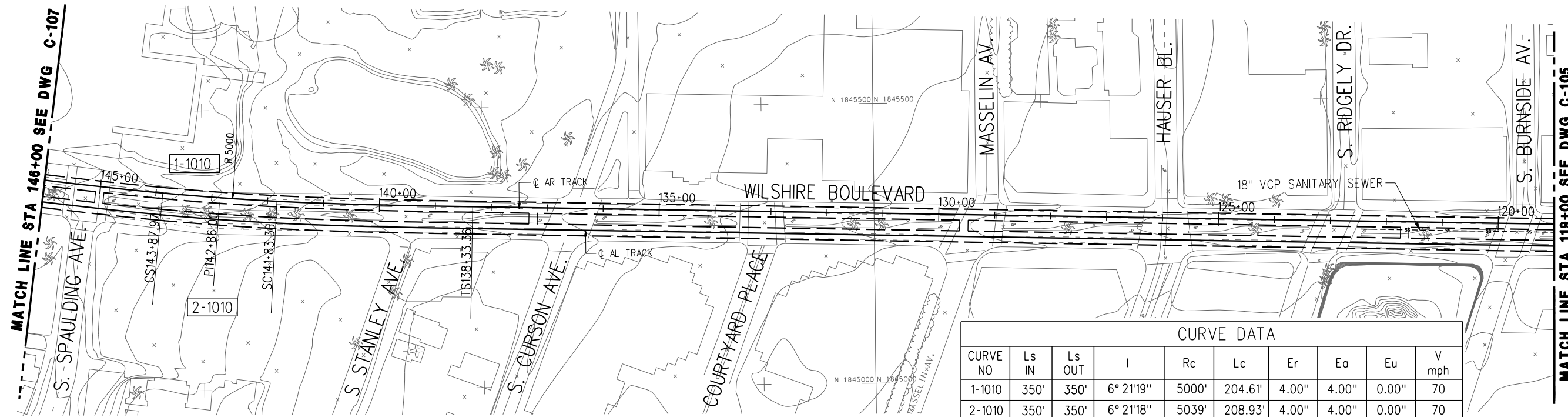
Metro

PROJECT MANAGER _____

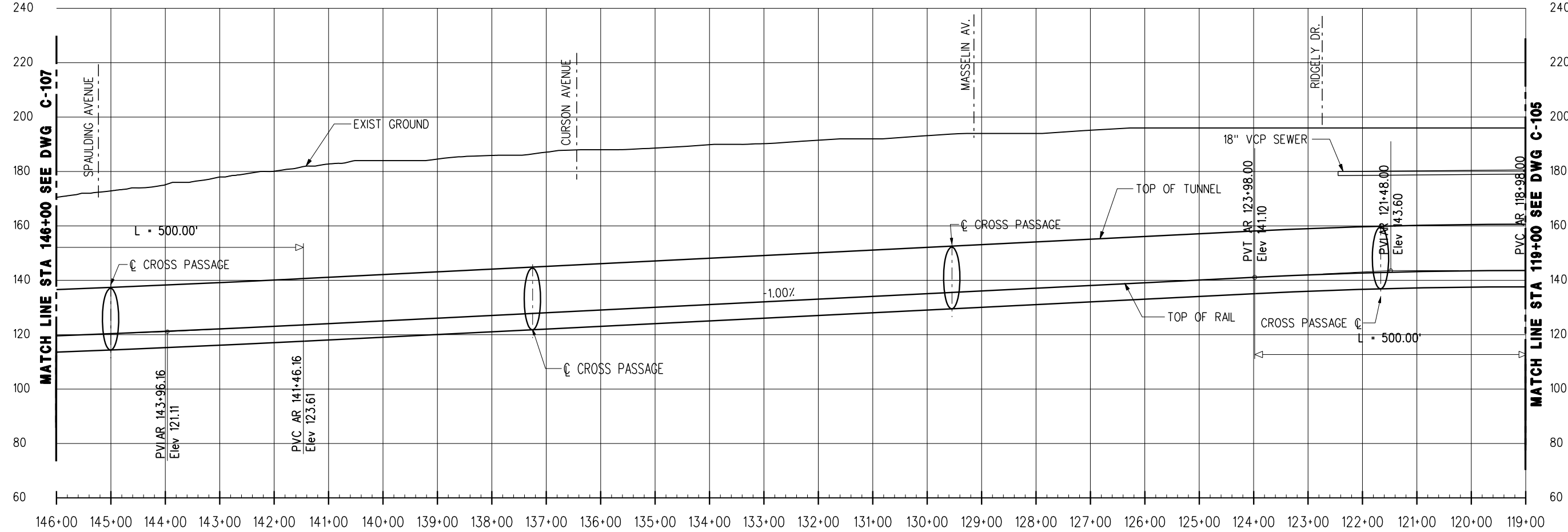
WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING

PLAN & PROFILE
STATION 92+00 TO 119+00
ALTERNATIVE 1, 2, 3, 4 & 5

CONTRACT NO	
DRAWING NO	REV
C-105	
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**

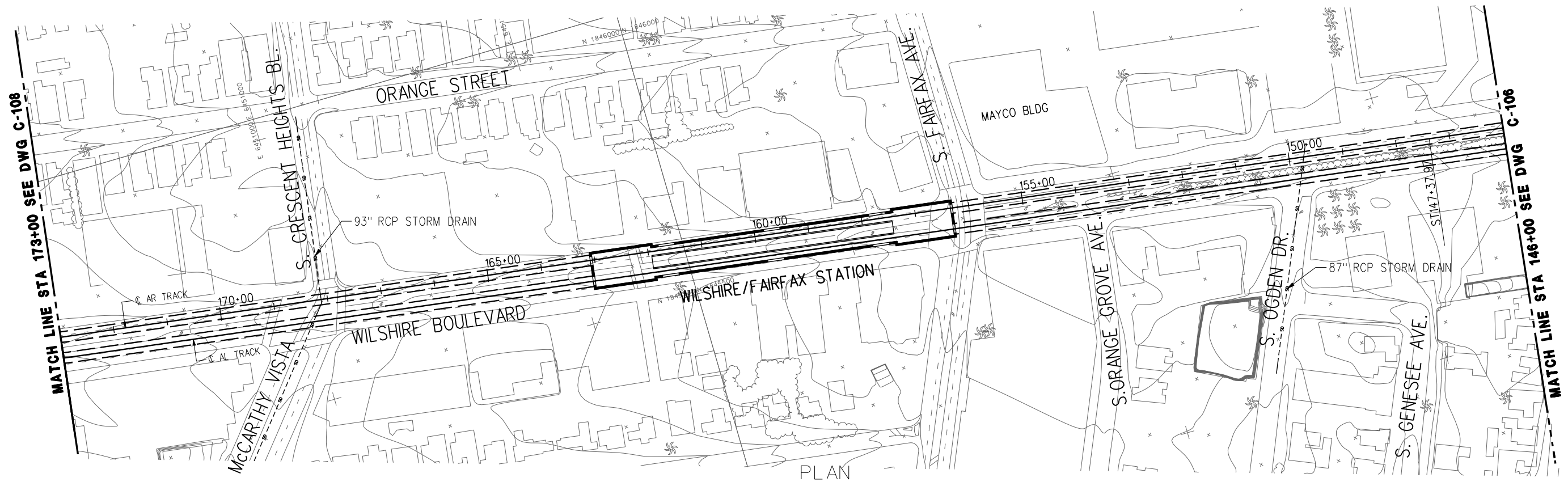
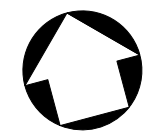
Metro

PROJECT MANAGER _____

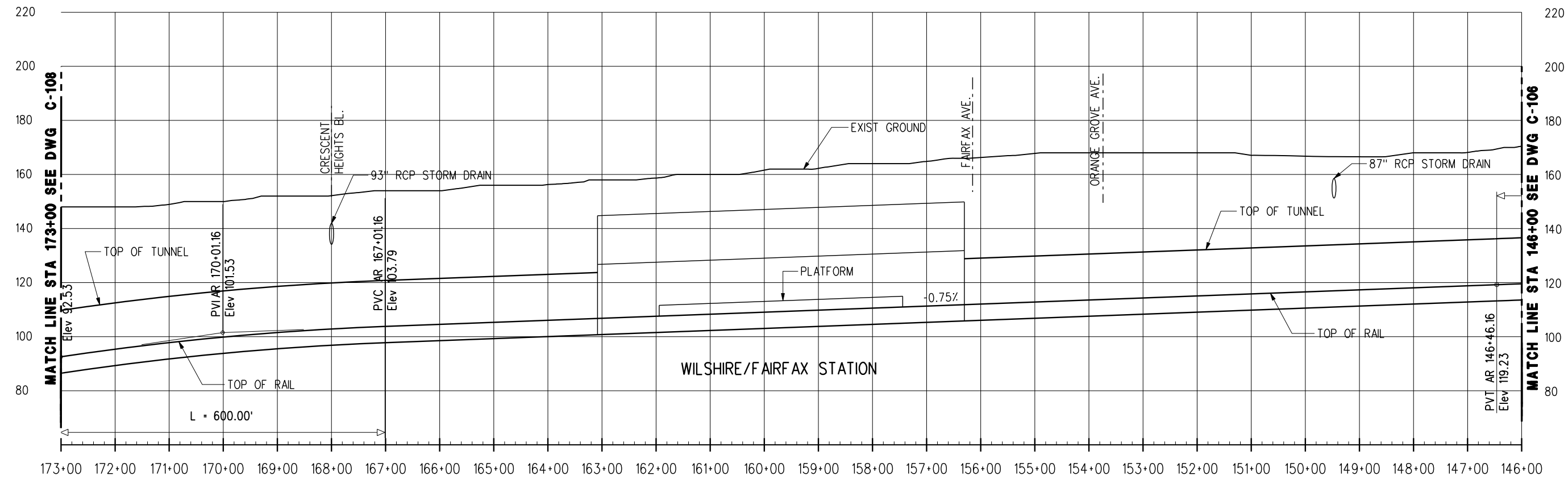
**WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING**

 PLAN & PROFILE
 STATION 119+00 TO 146+00
 ALTERNATIVE 1, 2, 3, 4 & 5

CONTRACT NO	
DRAWING NO	REV
C-106	
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**

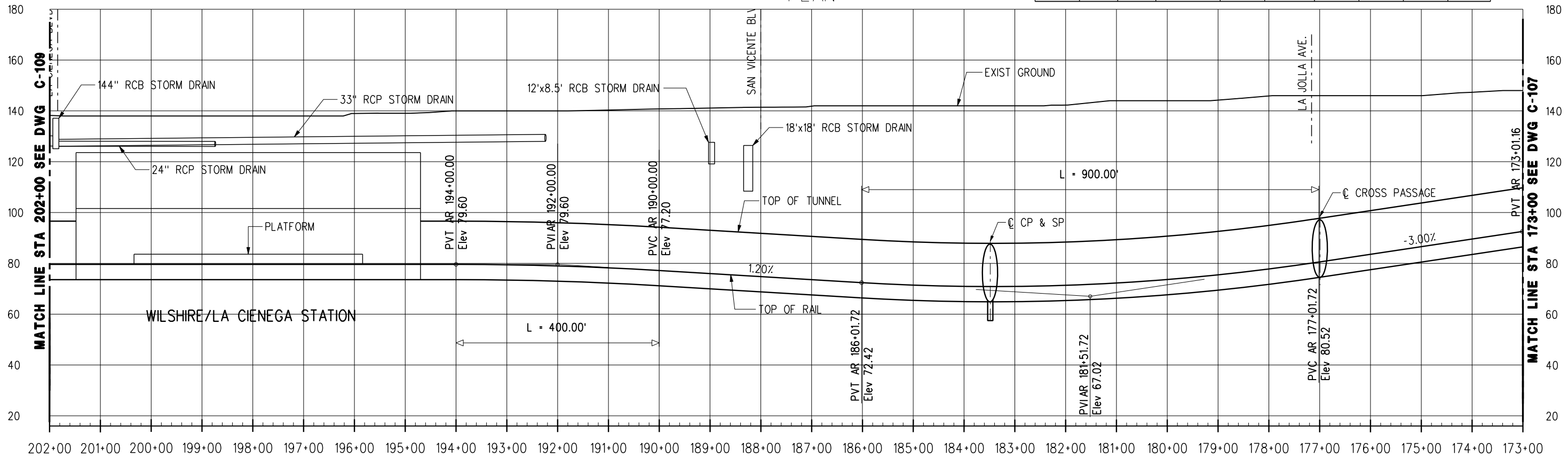
**PLAN & PROFILE
STATION 146+00 TO 173+00
ALTERNATIVE 1, 2, 3, 4 & 5**

CONTRACT NO	
DRAWING NO	REV
C-107	
SCALE	
1" = 200'	
SHEET NO	



CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1020	300'	300'	8° 56' 30"	4000'	324.24'	3.75"	3.75"	0.00"	60
2-1020	300'	300'	8° 56' 29"	4039'	330.32'	3.75"	3.75"	0.00"	60


PLAN



PROFILE

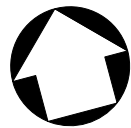
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010

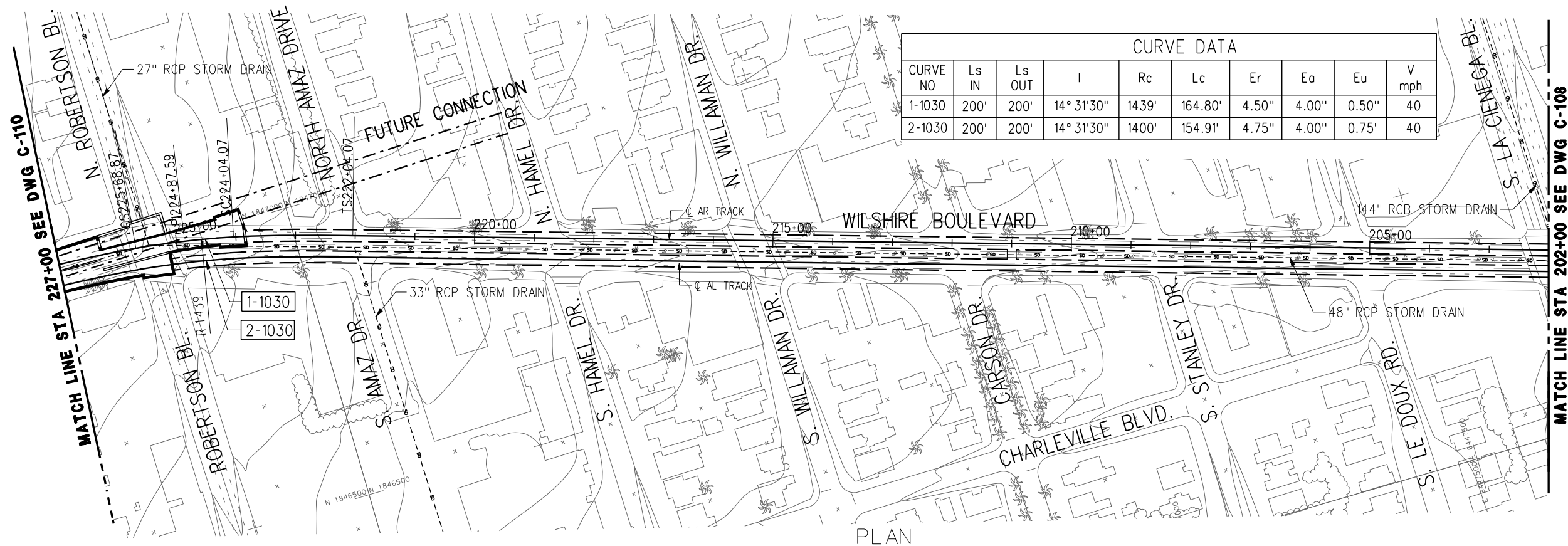

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY
 PROJECT MANAGER _____

WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING
 PLAN & PROFILE
 STATION 173+00 TO 202+00
 ALTERNATIVE 1, 2, 3, 4 & 5

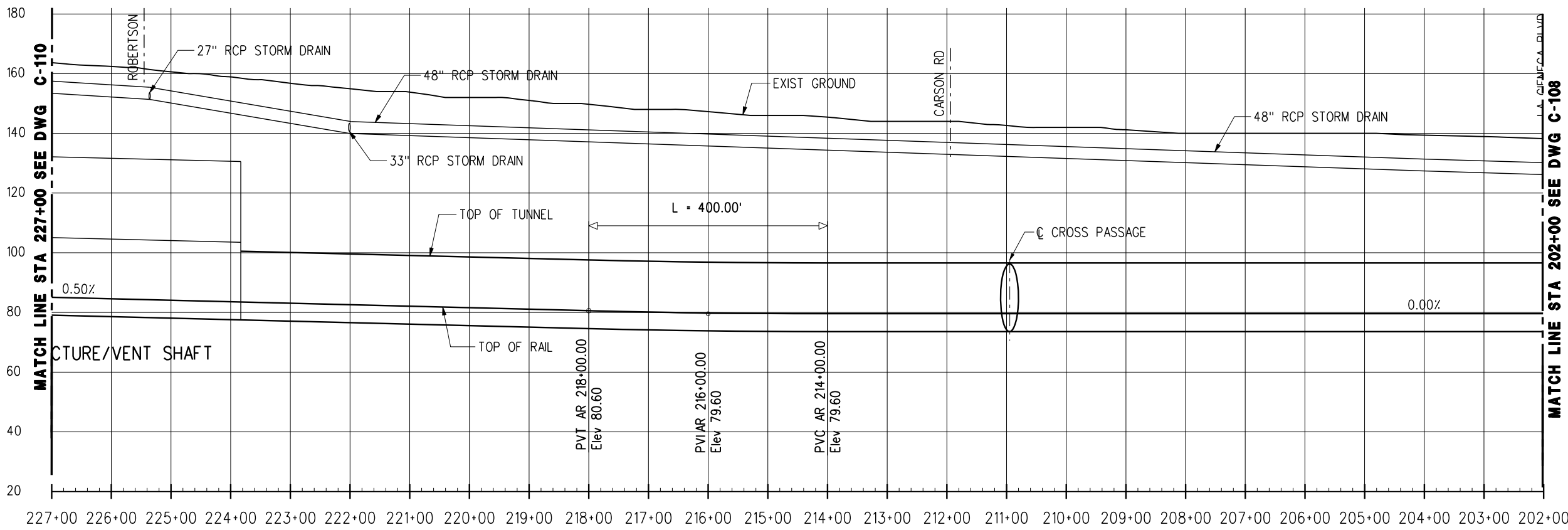
CONTRACT NO	
DRAWING NO	REV
C-108	
SCALE	
1" = 200'	
SHEET NO	



CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1030	200'	200'	14° 31'30"	1439'	164.80'	4.50"	4.00"	0.50"	40
2-1030	200'	200'	14° 31'30"	1400'	154.91'	4.75"	4.00"	0.75'	40




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

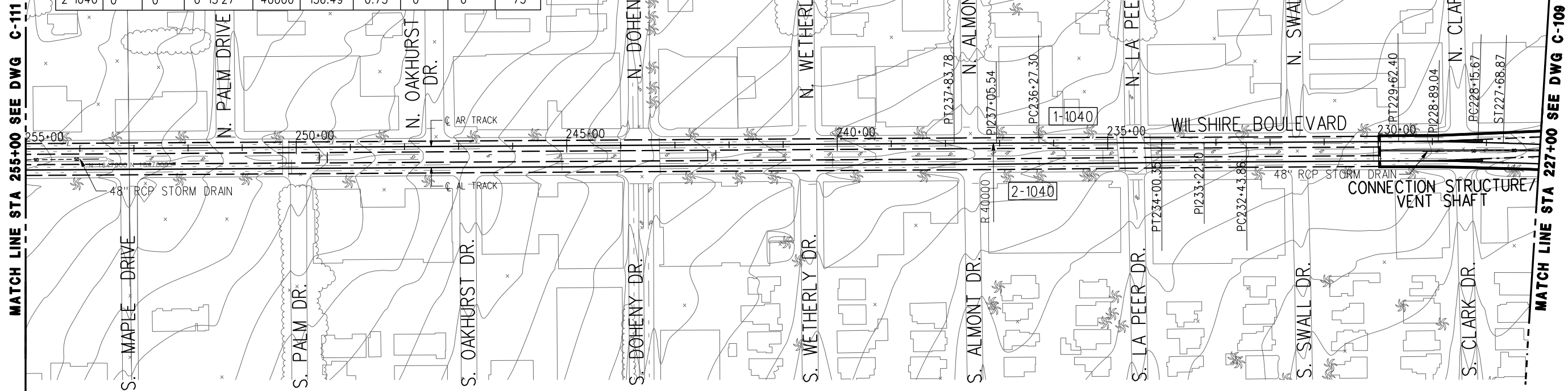
PROJECT MANAGER _____

WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING

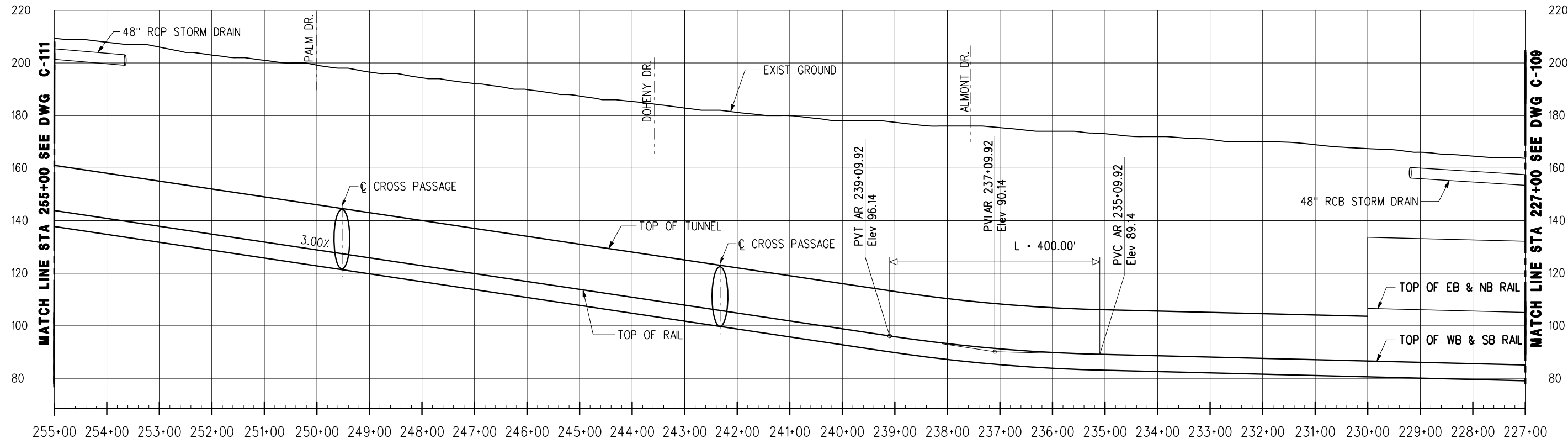
PLAN & PROFILE
 STATION 202+00 TO 227+00
 ALTERNATIVE 1, 2, 3, 4 & 5

CONTRACT NO	
DRAWING NO	REV
C-109	
SCALE	
1" = 200'	
SHEET NO	

CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Eo	Eu	V mph
1-1040	0'	0'	0° 13' 27"	40000'	156.48'	0.75"	0"	0"	75
2-1040	0'	0'	0° 13' 27"	40000'	156.49'	0.75"	0"	0"	75




PLAN



PROFILE

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

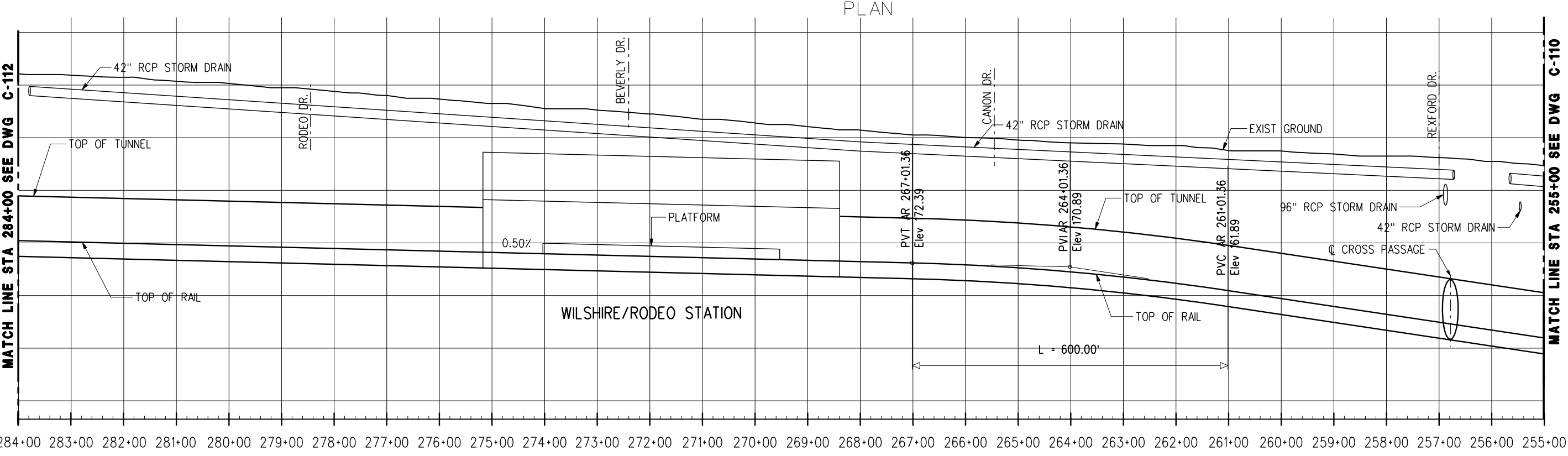
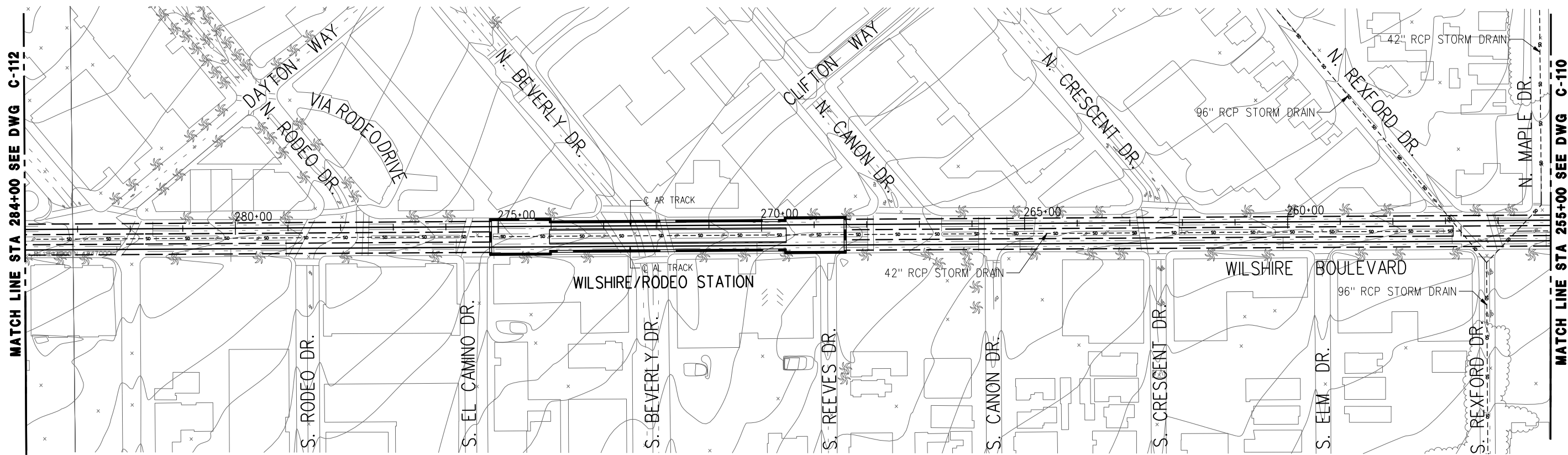
DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010


LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY
 Metro
 PROJECT MANAGER _____

WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING
 PLAN & PROFILE
 STATION 227+00 TO 255+00
 ALTERNATIVE 1, 2, 3, 4 & 5


CONTRACT NO	
DRAWING NO	REV
C-110	
SCALE	
1" = 200'	
SHEET NO	





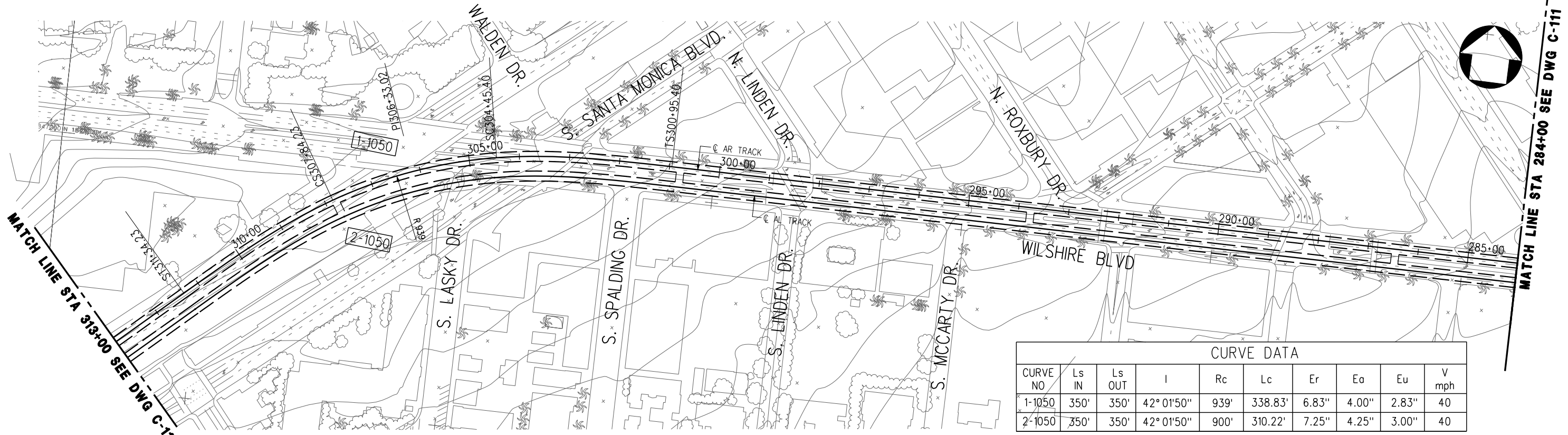
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010


LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY
Metro
 PROJECT MANAGER _____

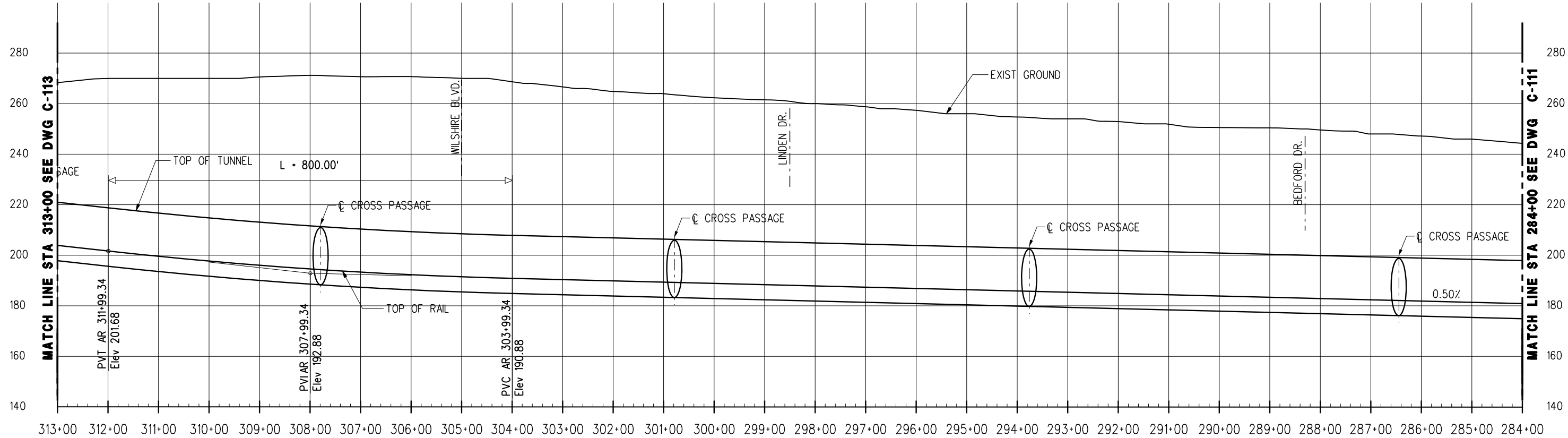
WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING
 PLAN & PROFILE
 STATION 255+00 TO 284+00
 ALTERNATIVE 1, 2, 3, 4 & 5

CONTRACT NO	
DRAWING NO	REV
C-111	
SCALE	
1" = 200'	
SHEET NO	



CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Eo	Eu	V mph
1-1050	350'	350'	42° 01'50"	939'	338.83'	6.83"	4.00"	2.83"	40
2-1050	350'	350'	42° 01'50"	900'	310.22'	7.25"	4.25"	3.00"	40


PLAN



PROFILE

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010



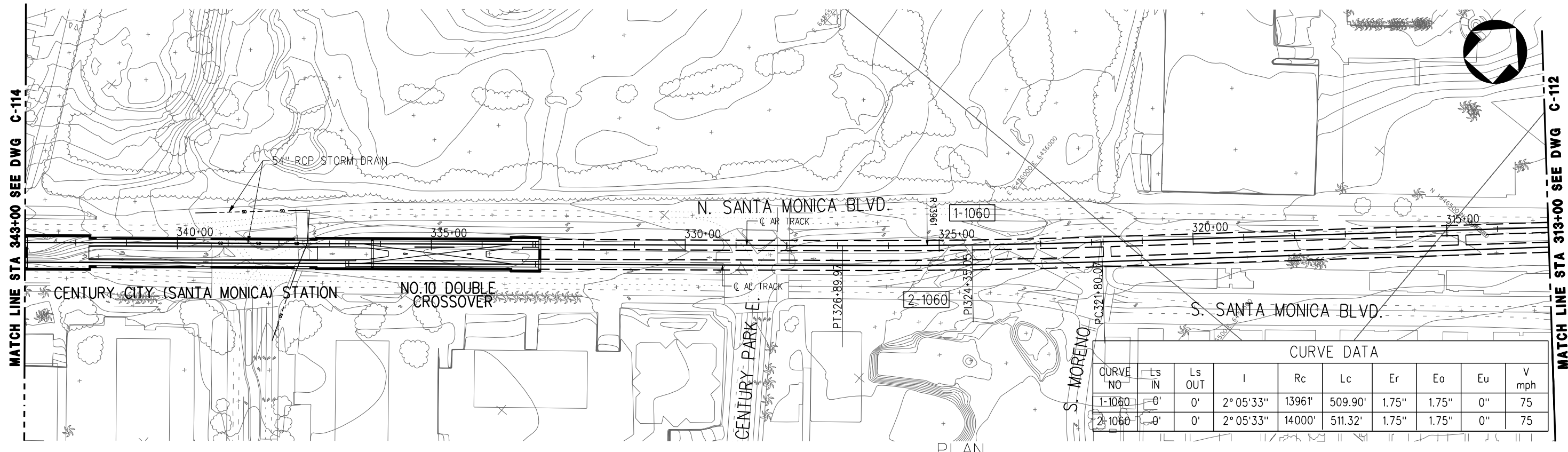
LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

Metro

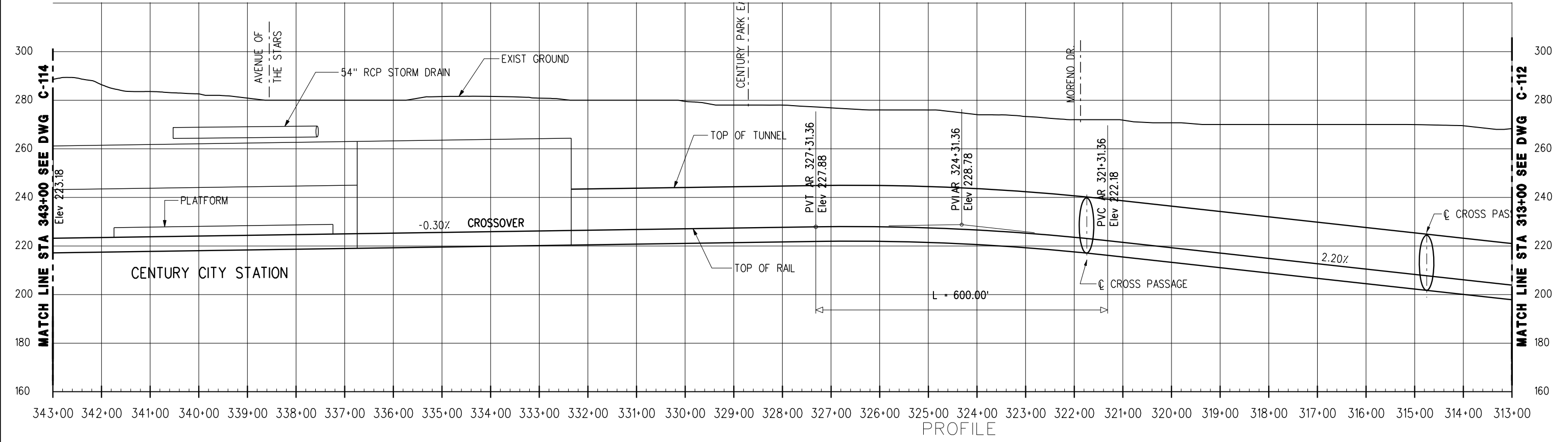
PROJECT MANAGER _____

WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING
 PLAN & PROFILE
 STATION 284+00 TO 313+00
 ALTERNATIVE 1, 2, 3, 4 & 5

CONTRACT NO	
DRAWING NO	REV
C-112	
SCALE	
1" = 200'	
SHEET NO	




PLAN



PROFILE

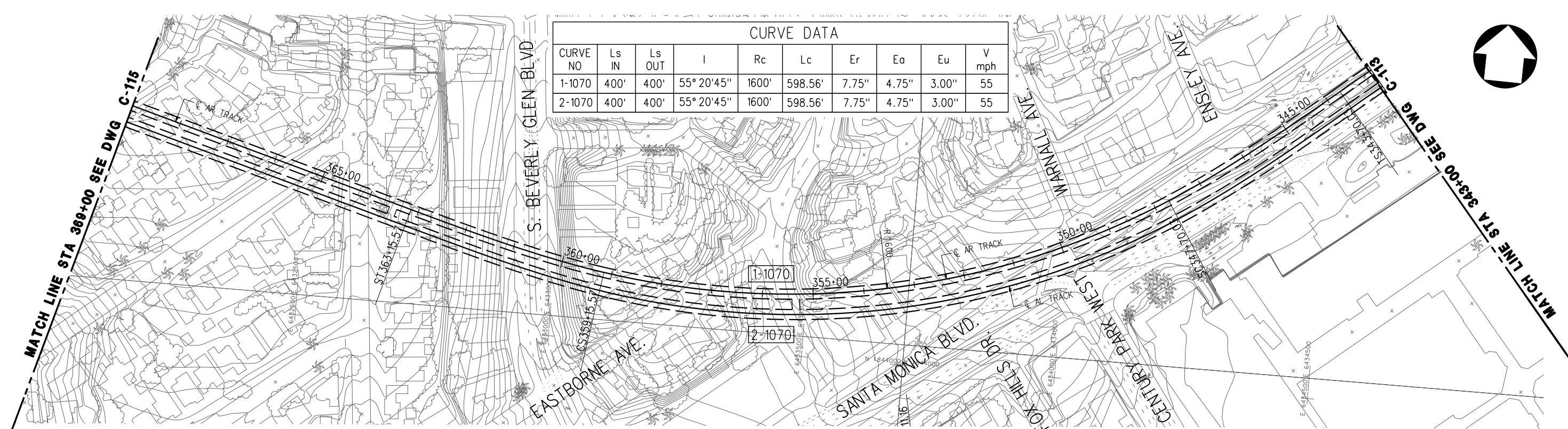
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010

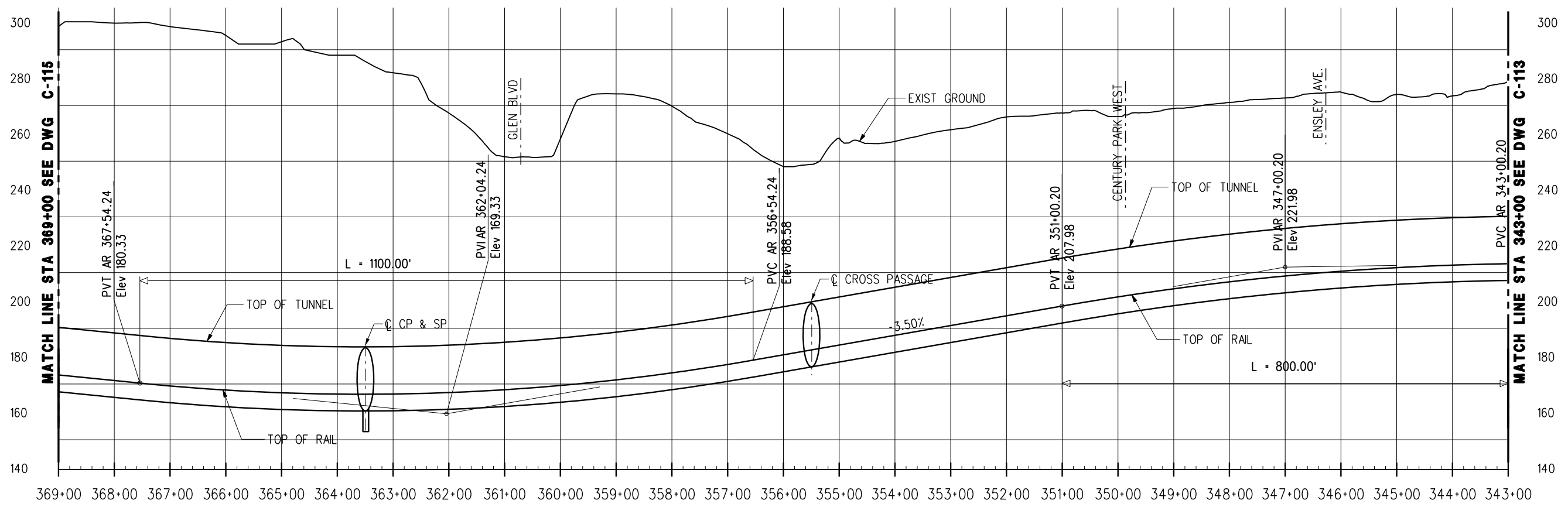

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY
 Metro
 PROJECT MANAGER _____

WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING
 PLAN & PROFILE
 STATION 313+00 TO 343+00
 ALTERNATIVE 1, 2, 3, 4 & 5

CONTRACT NO	
DRAWING NO	REV
C-113	
SCALE	
1" = 200'	
SHEET NO	




CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1070	400'	400'	55° 20' 45"	1600'	598.56'	7.75"	4.75"	3.00"	55
2-1070	400'	400'	55° 20' 45"	1600'	598.56'	7.75"	4.75"	3.00"	55



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**

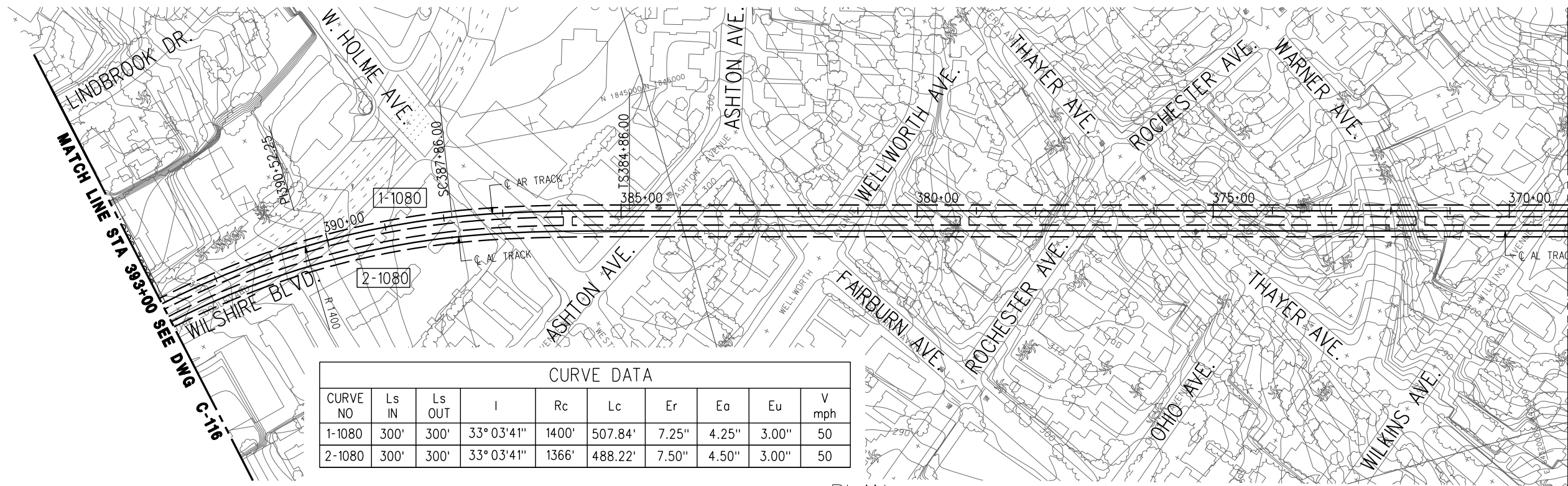
Metro

PROJECT MANAGER _____

**WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING**

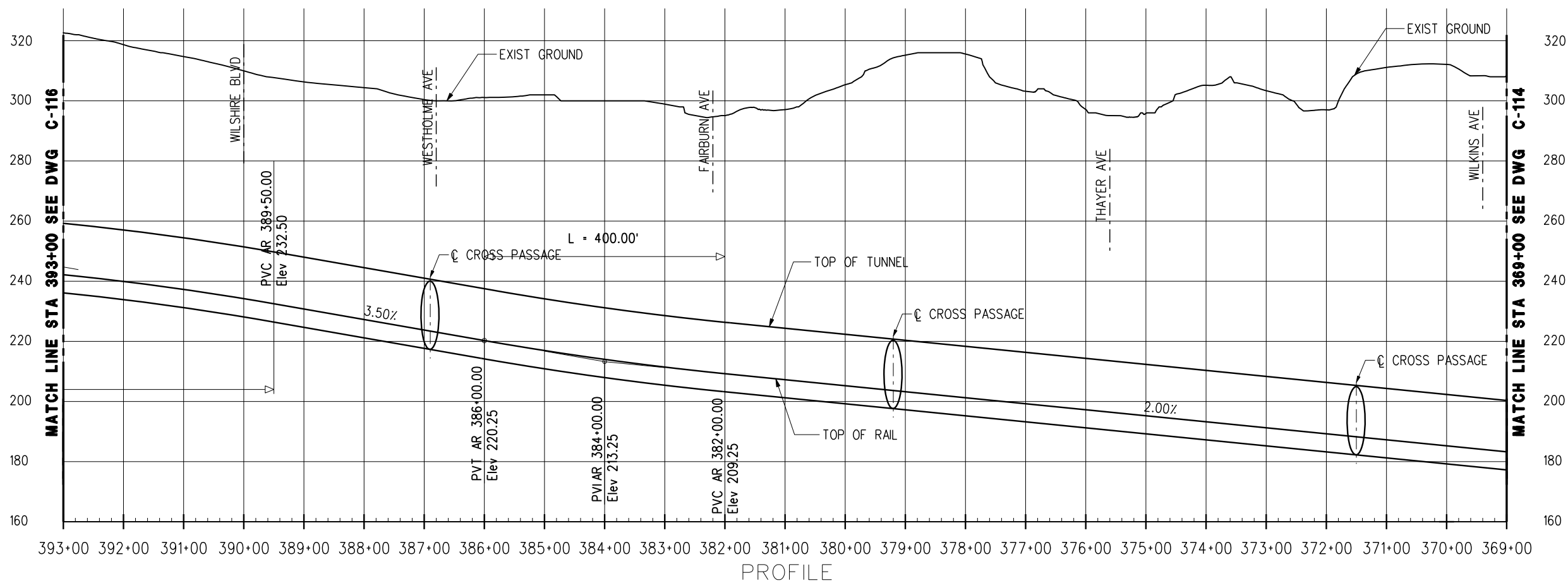
 PLAN & PROFILE
 STATION 343+00 TO 369+00
 ALTERNATIVE 1, 2, 3, 4 & 5

CONTRACT NO	
DRAWING NO	REV
C-114	
SCALE	
1" = 200'	
SHEET NO	



CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Eo	Eu	V mph
1-1080	300'	300'	33° 03' 41"	1400'	507.84'	7.25"	4.25"	3.00"	50
2-1080	300'	300'	33° 03' 41"	1366'	488.22'	7.50"	4.50"	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

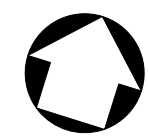
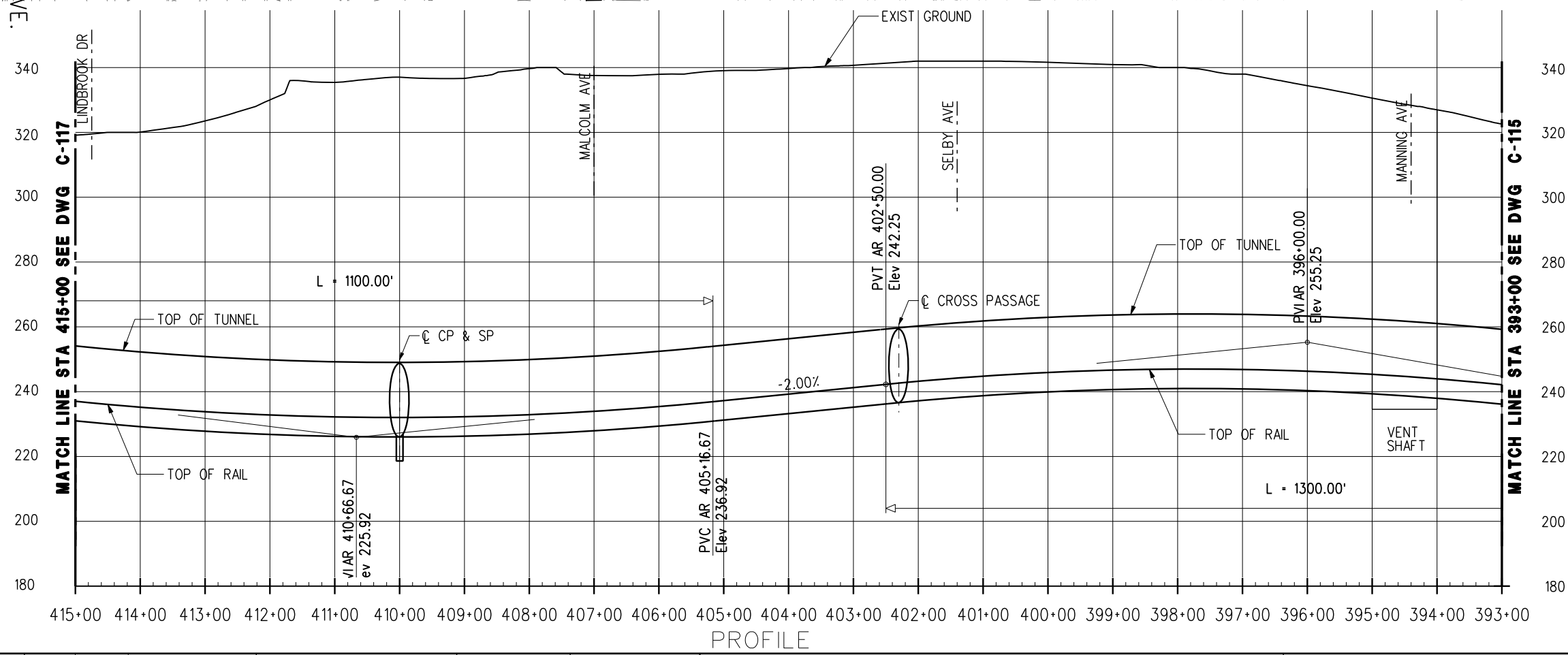
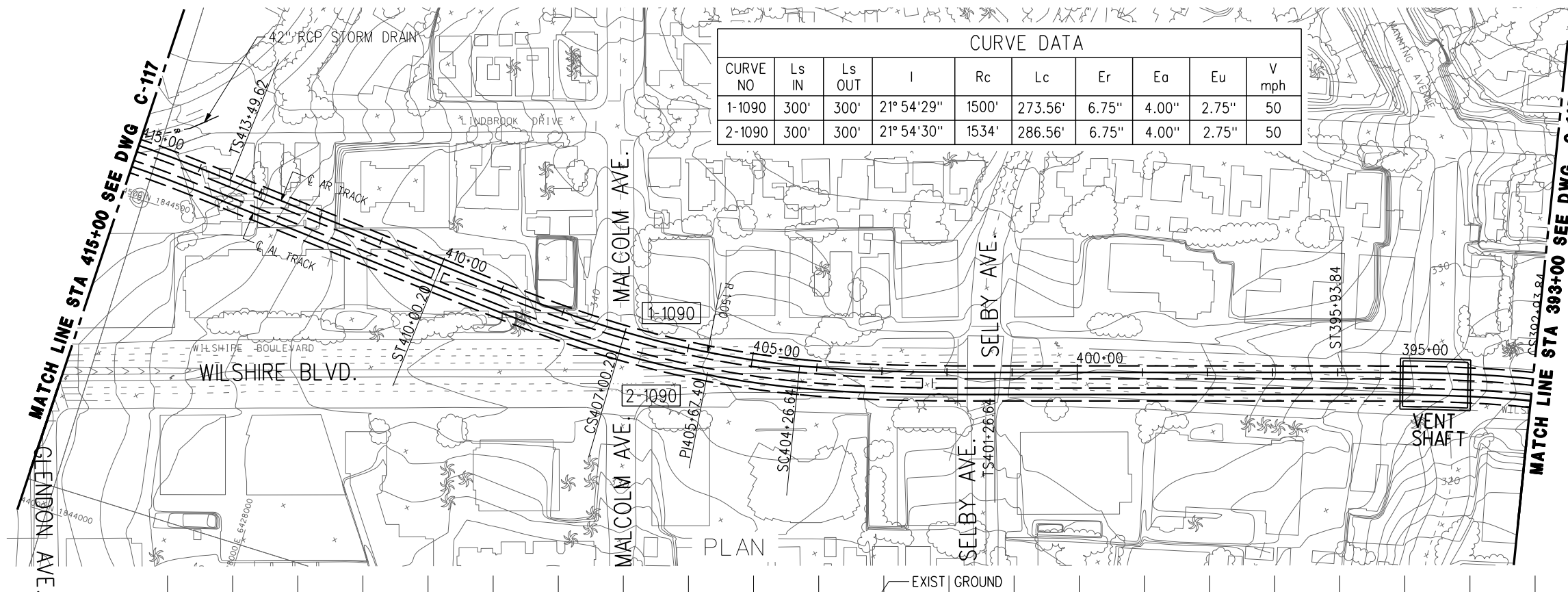
Metro

PROJECT MANAGER _____

WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING


PLAN & PROFILE
STATION 369+00 TO 393+00
ALTERNATIVE 1, 2, 3, 4 & 5

CONTRACT NO	
DRAWING NO	REV
C-115	
SCALE	
1" = 200'	
SHEET NO	



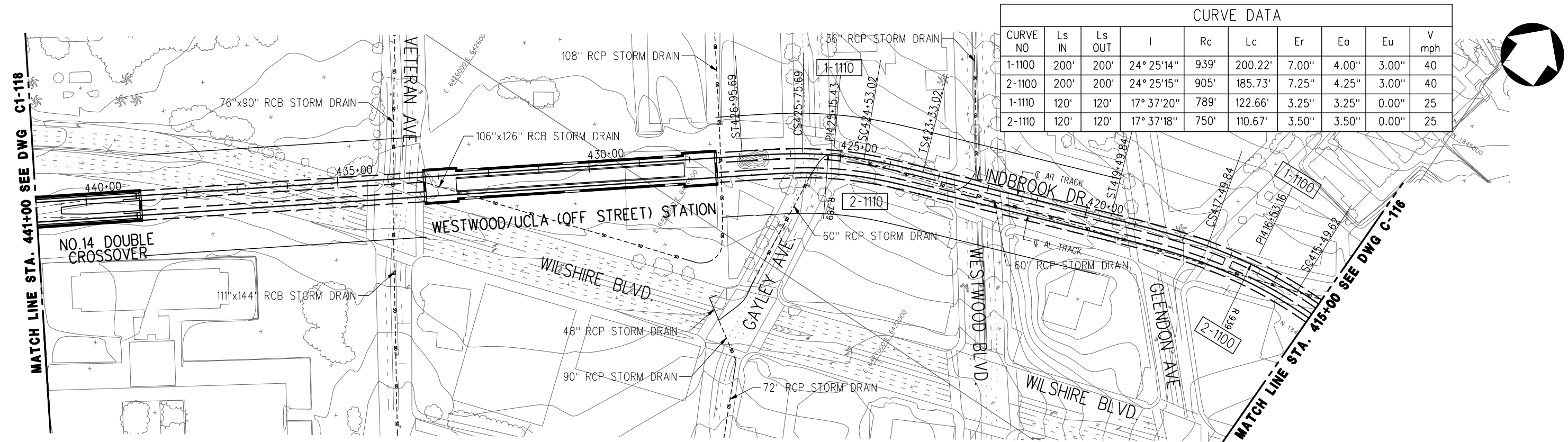
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010

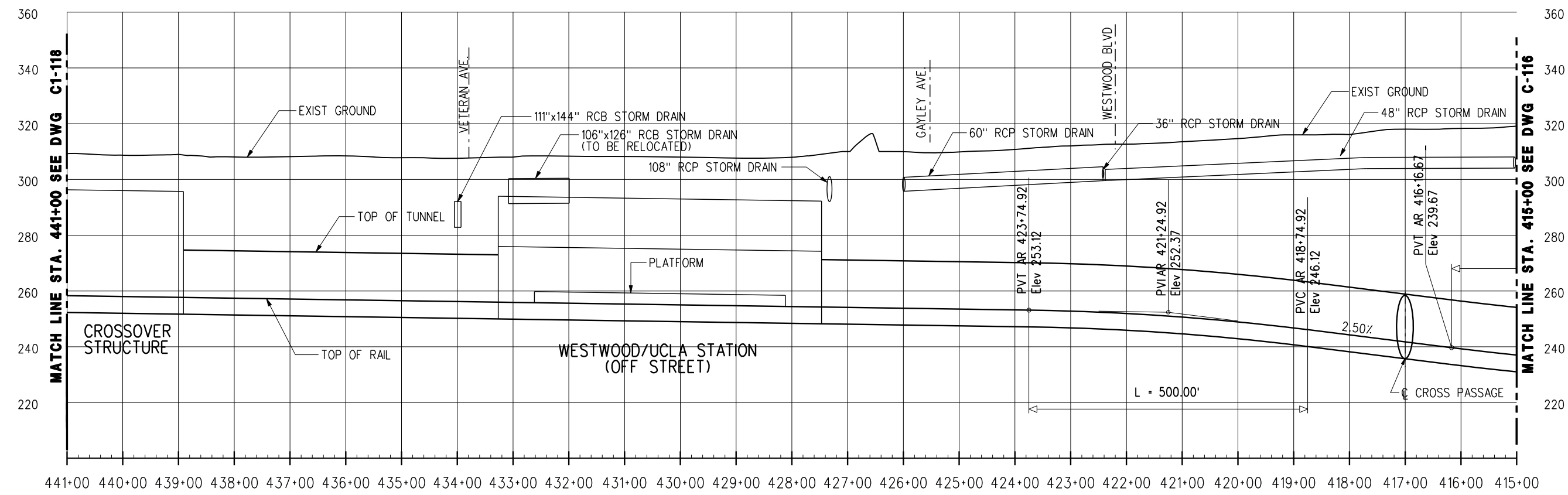
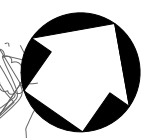

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY
 Metro
 PROJECT MANAGER _____

WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING
 PLAN & PROFILE
 STATION 393+00 TO 423+00
 ALTERNATIVE 1, 2, 3, 4 & 5

CONTRACT NO	
DRAWING NO	REV
C-116	
SCALE	
1" = 200'	
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

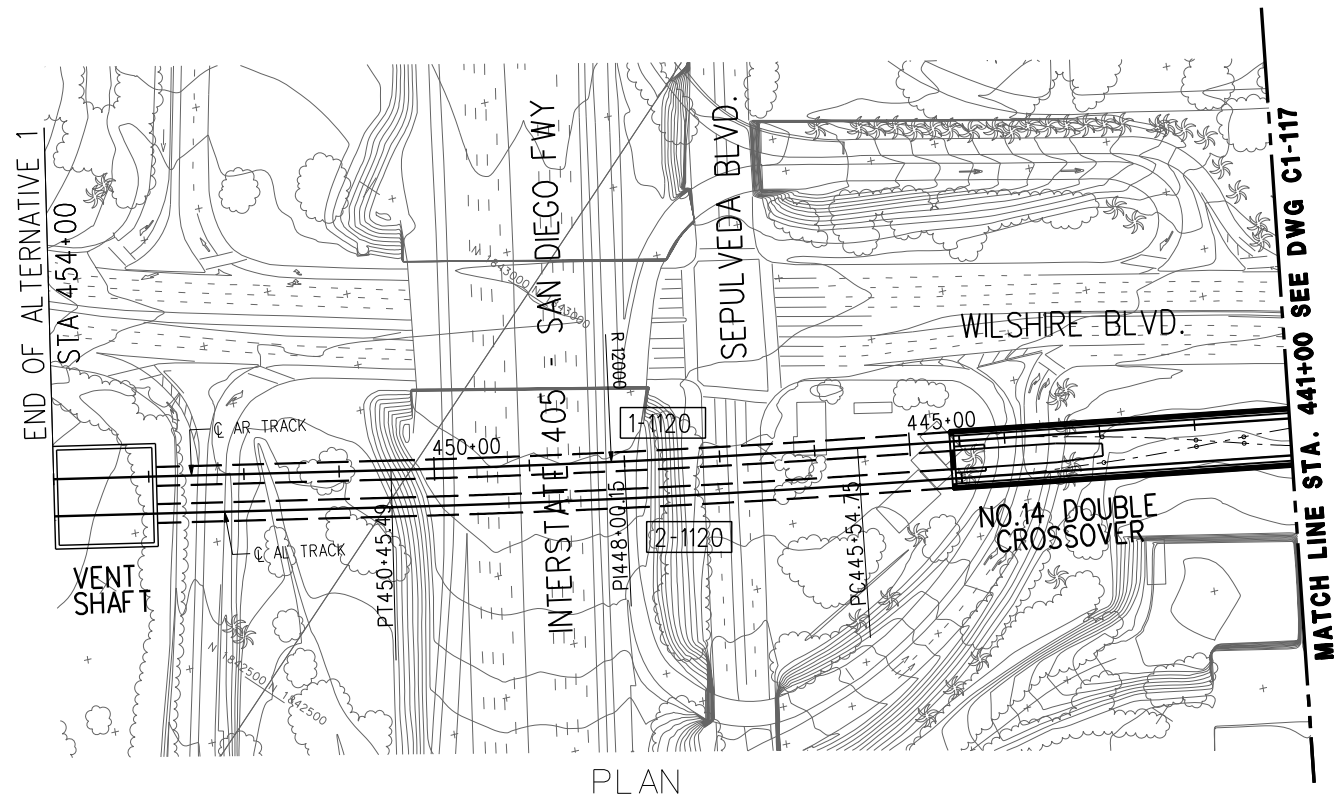
PROJECT MANAGER _____

**WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING**

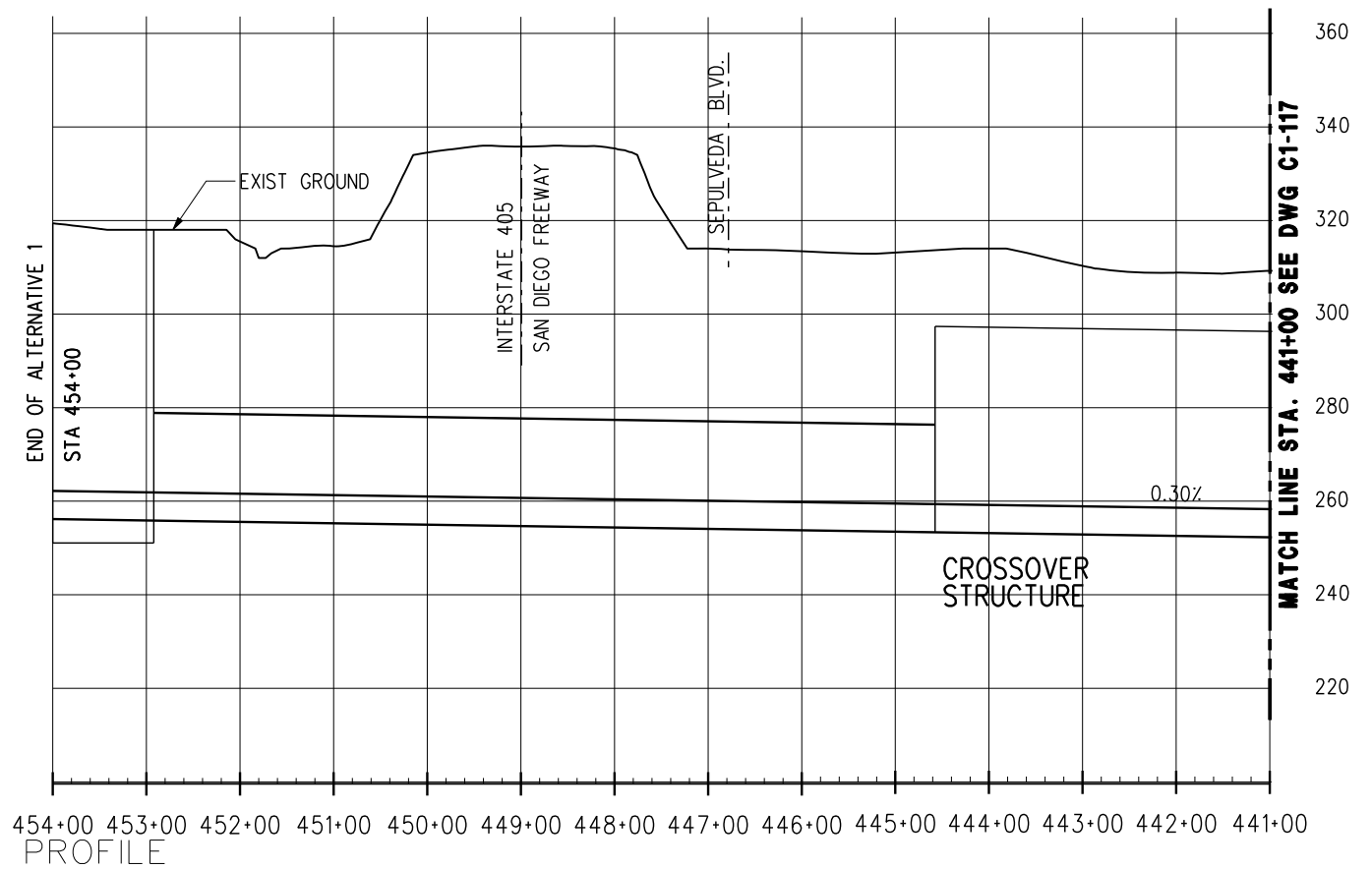
 PLAN & PROFILE
 STATION 415+00 TO 441+00
 ALTERNATIVE 1

CONTRACT NO	
DRAWING NO	REV
C1-117	
SCALE	
1"=200'	
SHEET NO	

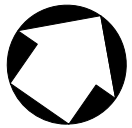
CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1120	0'	0'	2° 20'35"	12000'	490.74'	2.00"	2.00"	0.00"	75
2-1120	0'	0'	2° 20'27"	12039'	491.86'	2.00"	2.00"	0.00"	75



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 _____

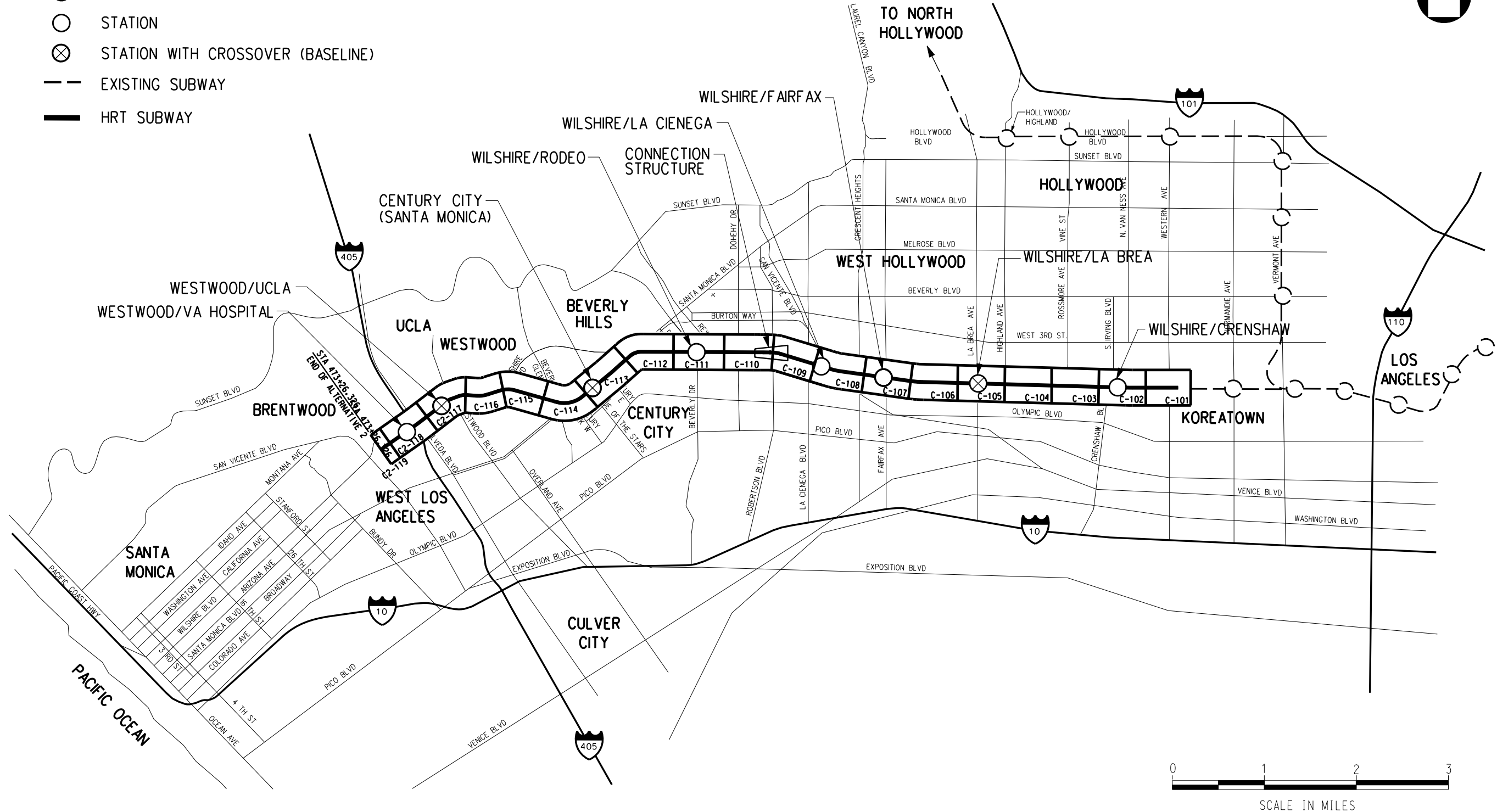
WESTSIDE SUBWAY EXTENSION ADV. CONCEPTUAL ENGINEERING

PLAN & PROFILE
STATION 441+00 TO 454+00
ALTERNATIVE 1

CONTRACT NO	
DRAWING NO	REV
C1-118	
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 _____

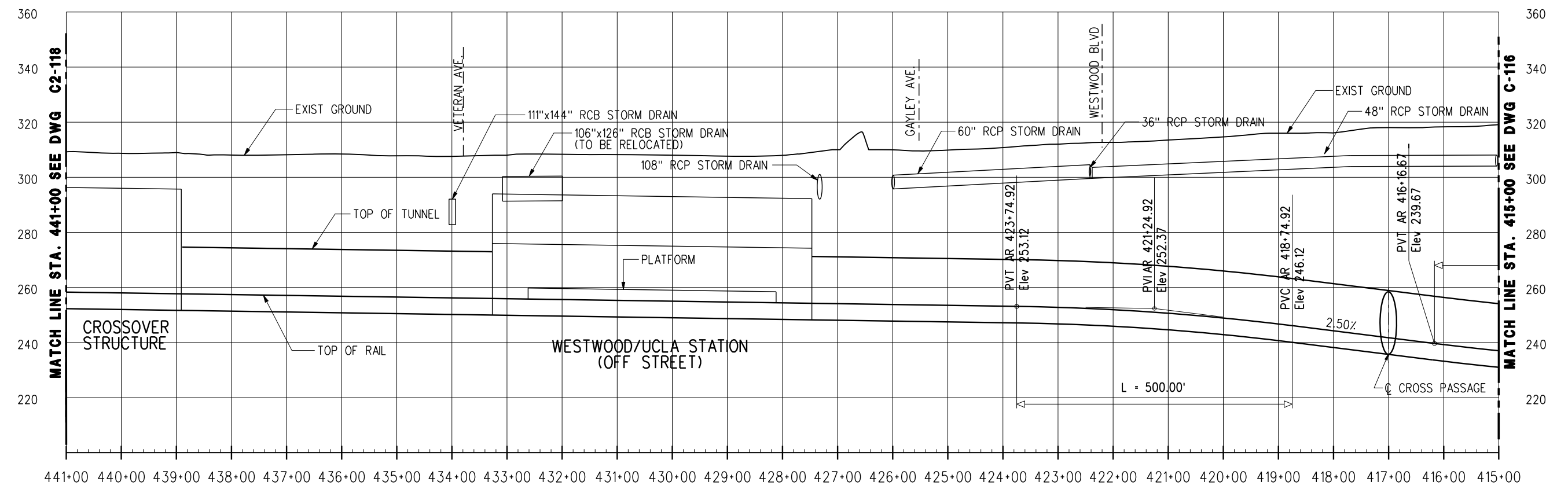
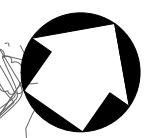
**WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING**

ALTERNATIVE #2
KEY MAP WITH
CROSSOVER LOCATIONS

CONTRACT NO	
DRAWING NO	REV
C2-100	
SCALE	
SHEET NO	




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	
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LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

Metro

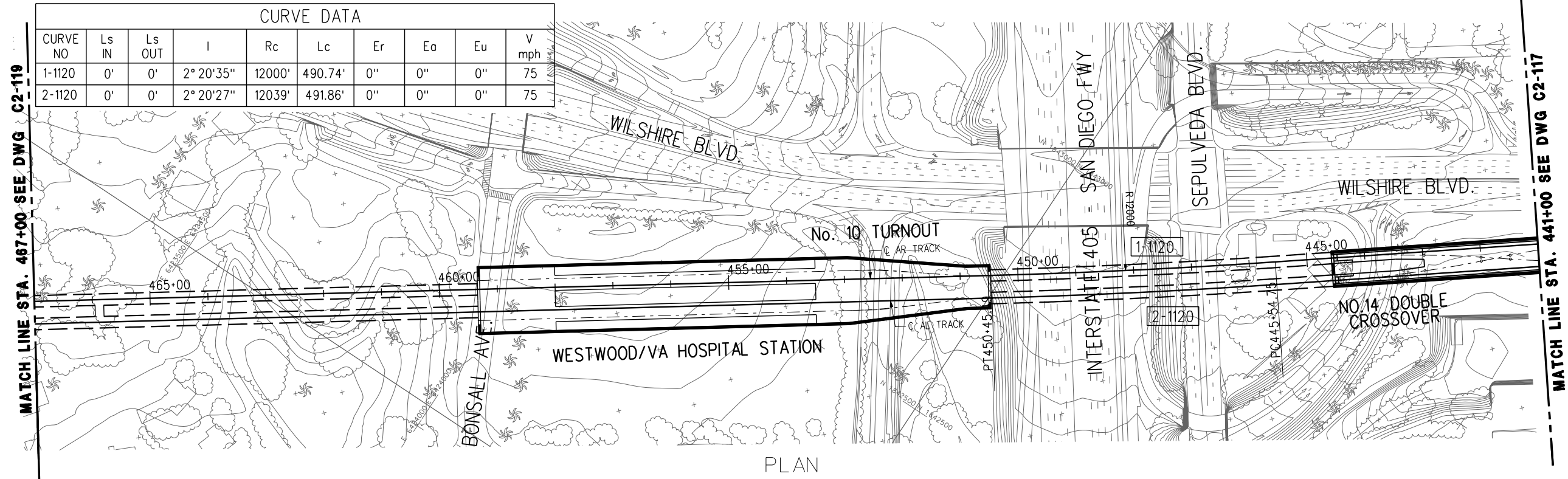
PROJECT MANAGER _____

WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING
 PLAN & PROFILE
 STATION 415+00 TO 441+00
 ALTERNATIVE 2

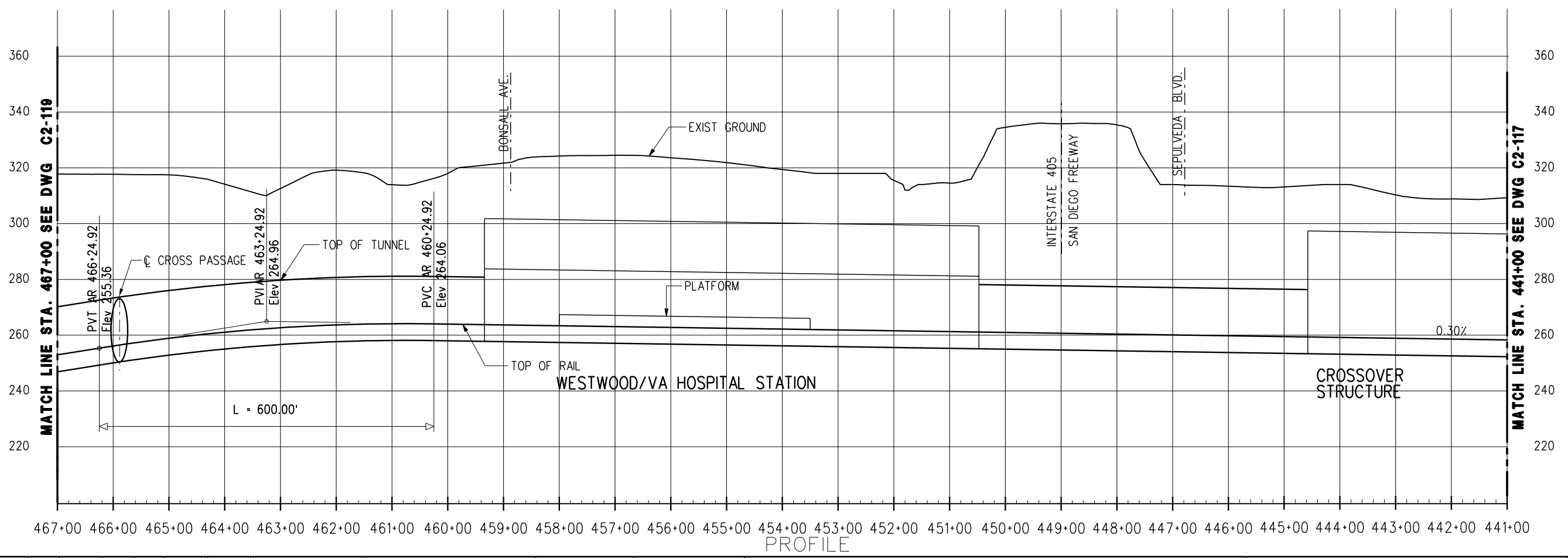
CONTRACT NO	
DRAWING NO	REV
C2-117	
SCALE	
1" = 200'	
SHEET NO	



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'	0"	0"	0"	75
2-1120	0'	0'	2° 20' 27"	12039'	491.86'	0"	0"	0"	75




PLAN



PROFILE

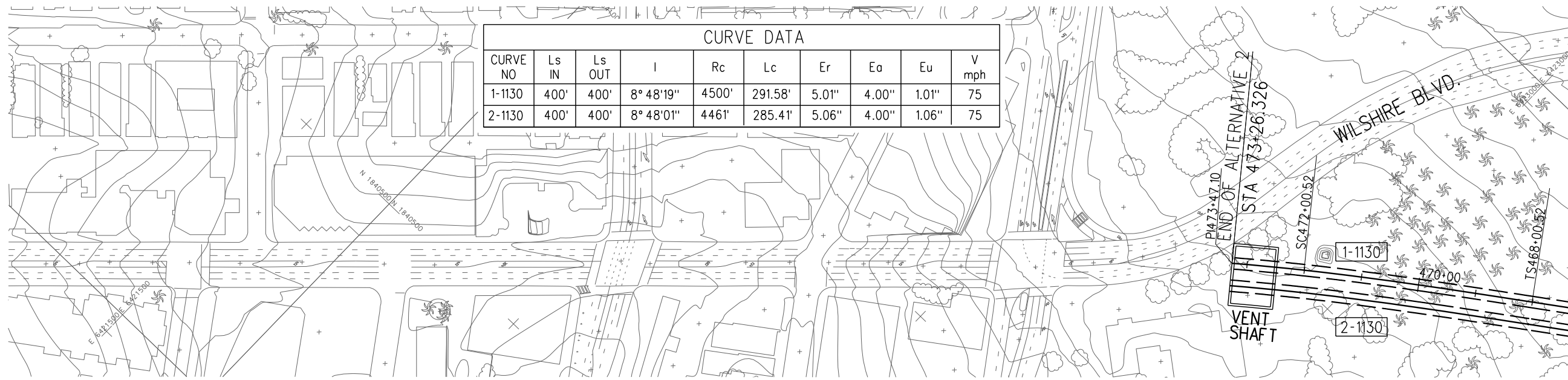
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010

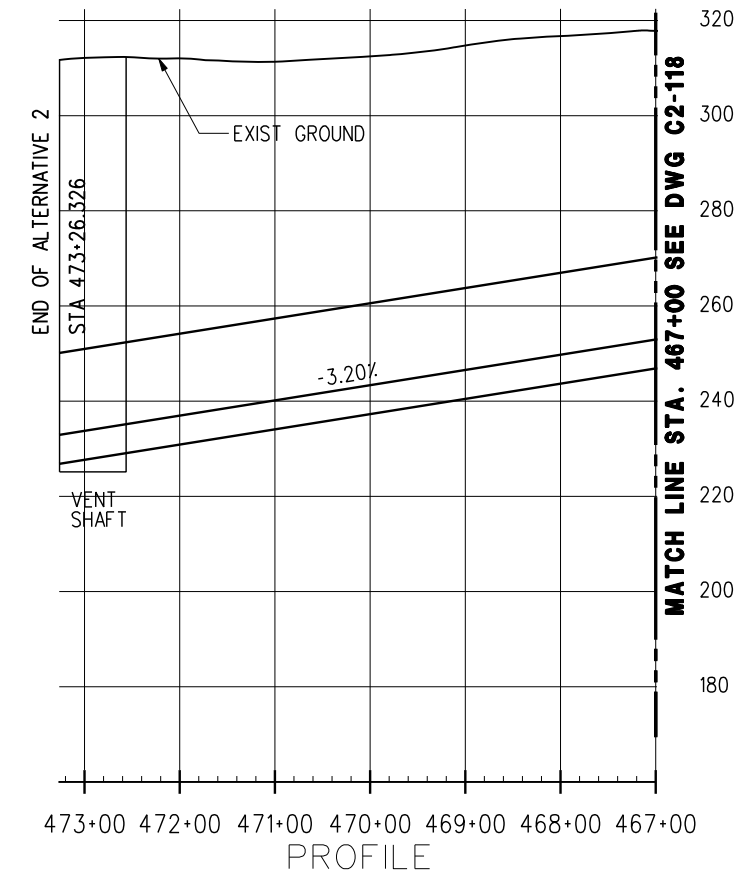

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY
 Metro
 PROJECT MANAGER _____

WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING
 PLAN & PROFILE
 STATION 441+00 TO 467+00
 ALTERNATIVE 2

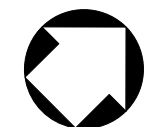
CONTRACT NO	
DRAWING NO	REV
C2-118	
SCALE	
1" = 200'	
SHEET NO	



PLAN



PROFILE



MATCH LINE STA. 467+00 SEE DWG C2-118

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 467+00 TO 473+26.326
ALTERNATIVE 2

CONTRACT NO	
DRAWING NO	C2-119
SCALE	1" = 200'
SHEET NO	