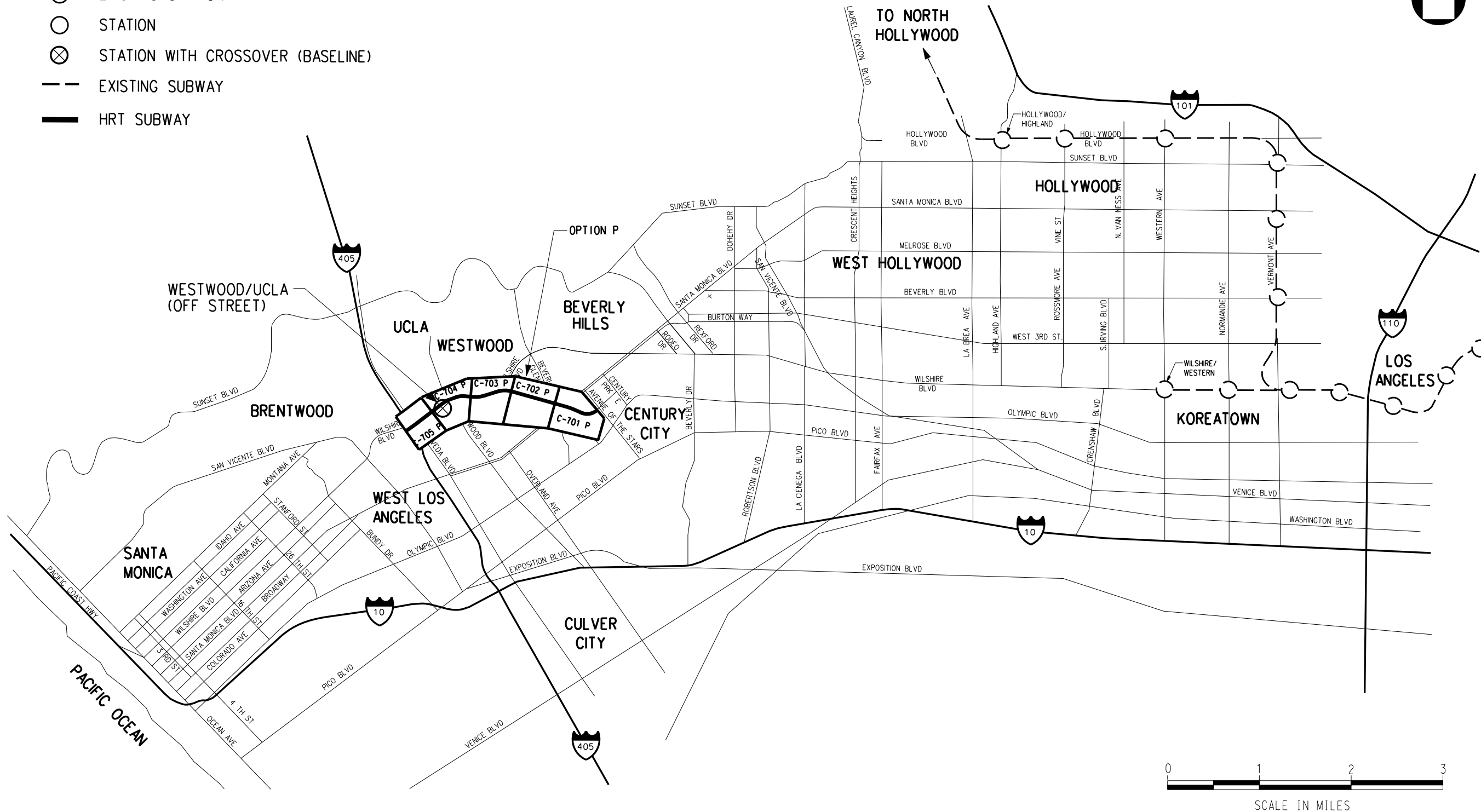


LEGEND

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



OPTION 4: CENTURY CITY CONSTELLATION WESTWOOD/UCLA OFF-STREET VIA EAST - SEGMENT P

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

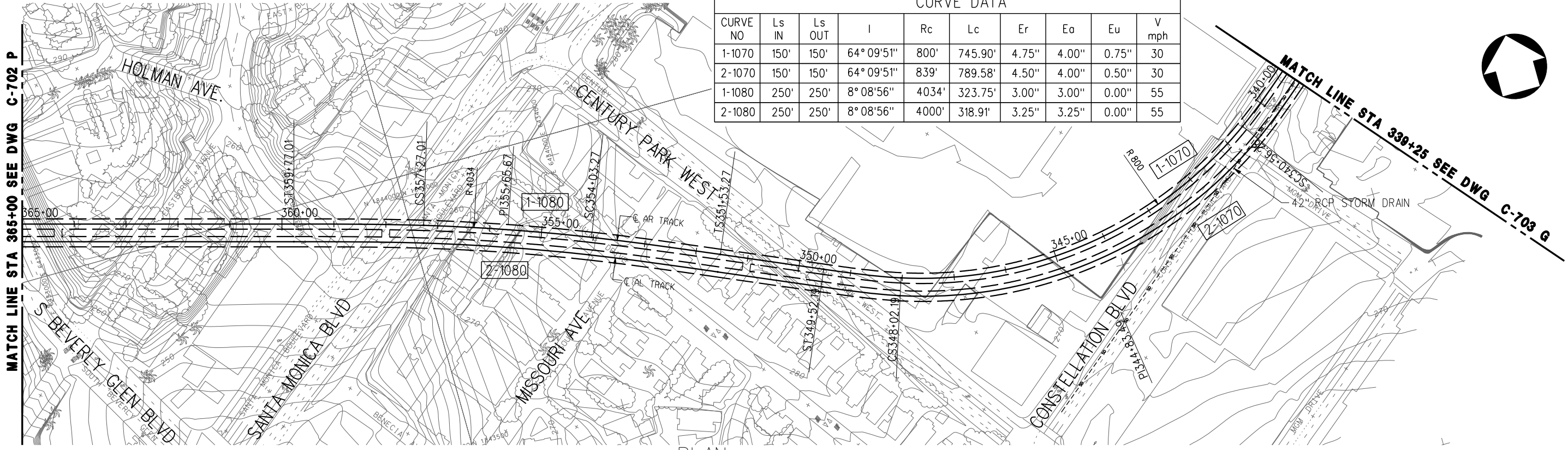
PROJECT MANAGER _____

WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING

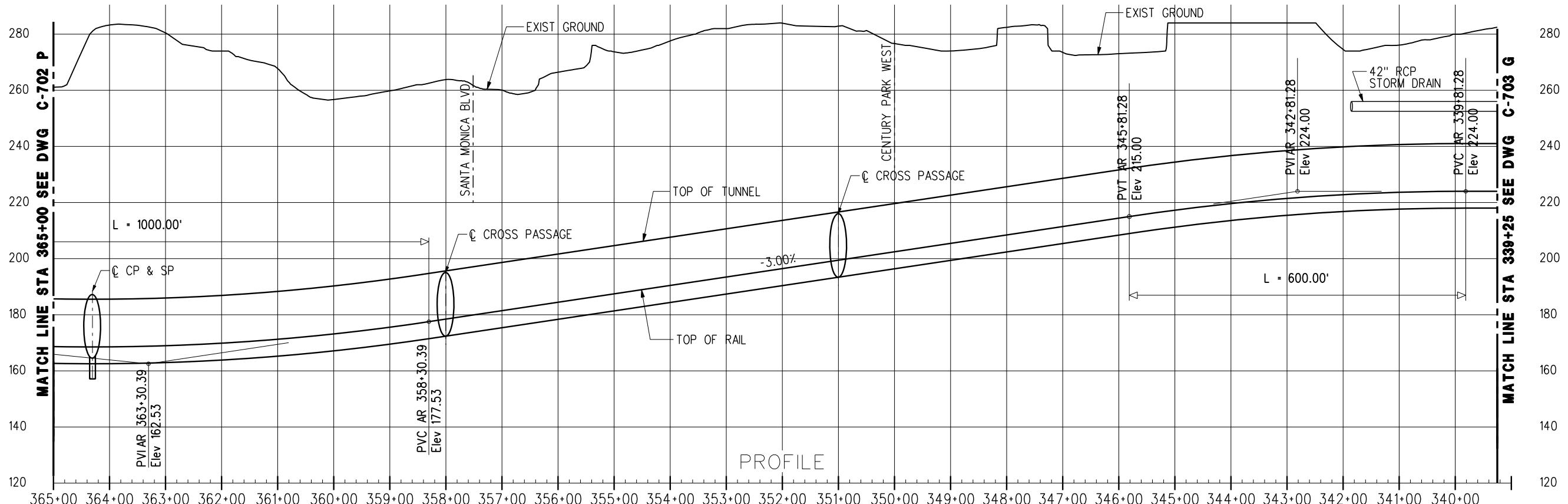
OPTION 4
CENTURY CITY TO WESTWOOD/UCLA
OFF STREET VIA WESTFIELD

CONTRACT NO	
DRAWING NO	REV
C-700 P	
SCALE	
SHEET NO	

CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1070	150'	150'	64° 09' 51"	800'	745.90'	4.75"	4.00"	0.75"	30
2-1070	150'	150'	64° 09' 51"	839'	789.58'	4.50"	4.00"	0.50"	30
1-1080	250'	250'	8° 08' 56"	4034'	323.75'	3.00"	3.00"	0.00"	55
2-1080	250'	250'	8° 08' 56"	4000'	318.91'	3.25"	3.25"	0.00"	55



PLAN





PROFILE

OPTION 4: CENTURY CITY CONSTELLATION TO WESTWOOD/UCLA OFF-STREET VIA EAST - SEGMENT P

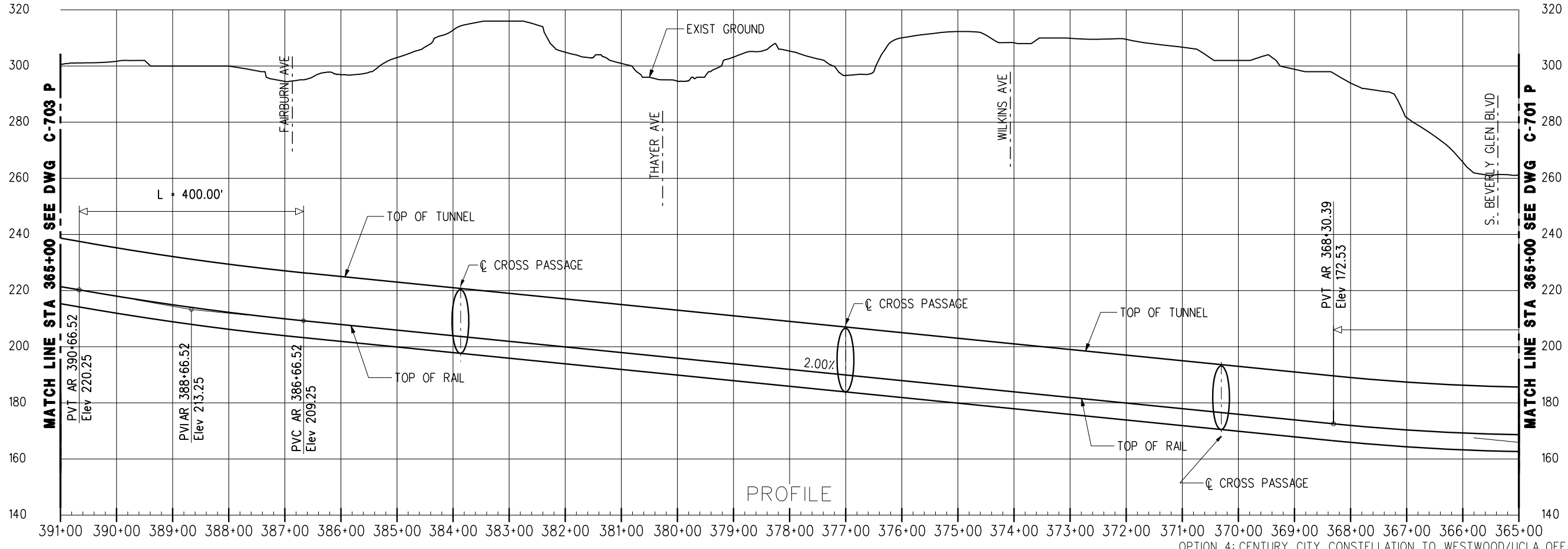
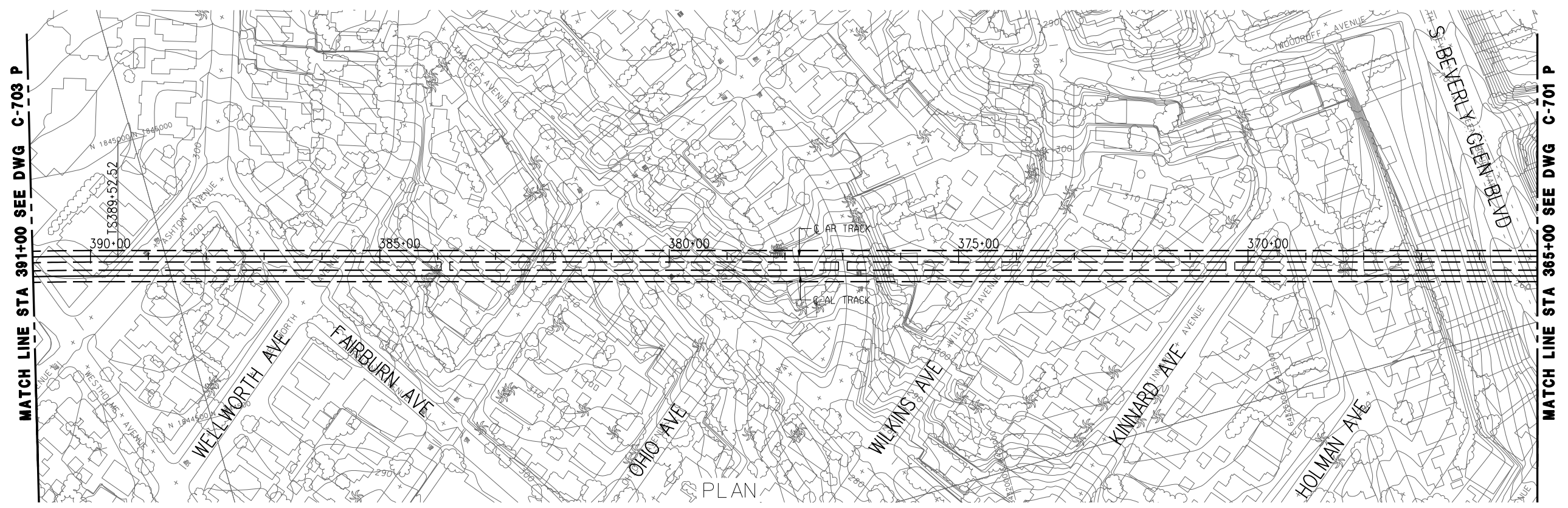
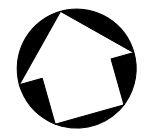
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

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 339+25 TO 365+00
 OPTION 4



CONTRACT NO	
DRAWING NO	REV
C-701 P	
SCALE	
1" = 200'	
SHEET NO	



OPTION 4: CENTURY CITY CONSTELLATION TO WESTWOOD/UCLA OFF-STREET VIA EAST - SEGMENT P

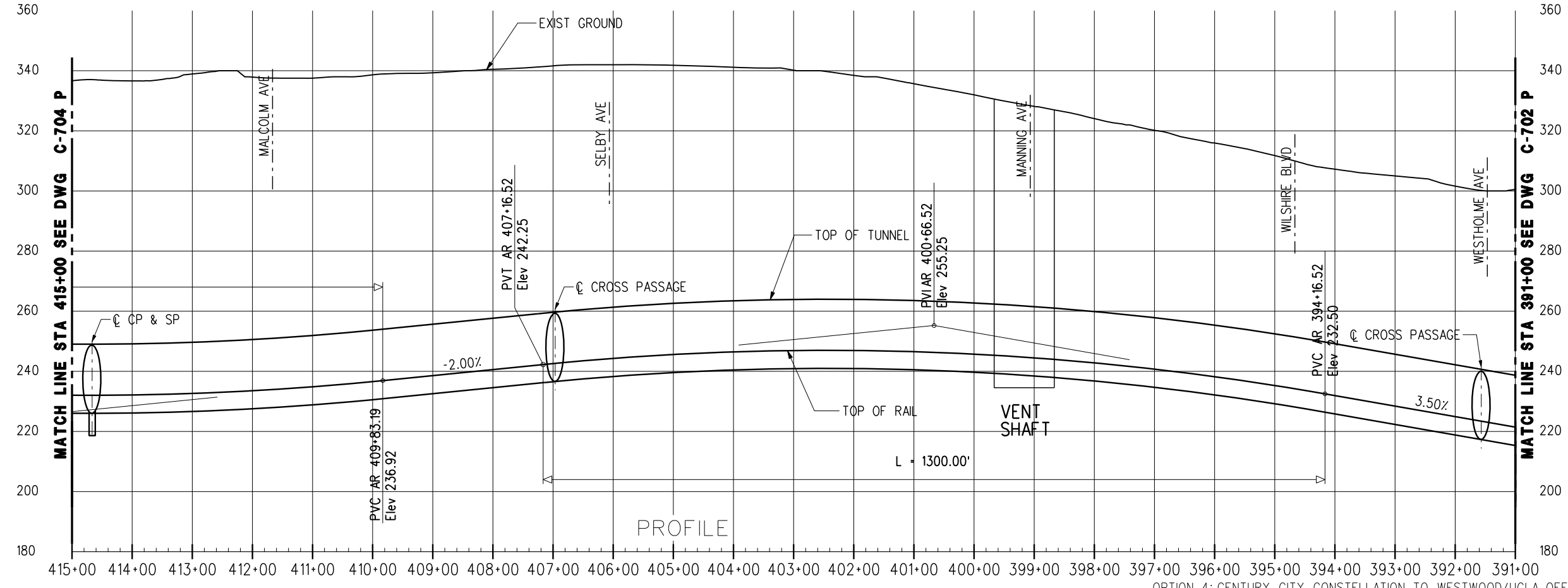
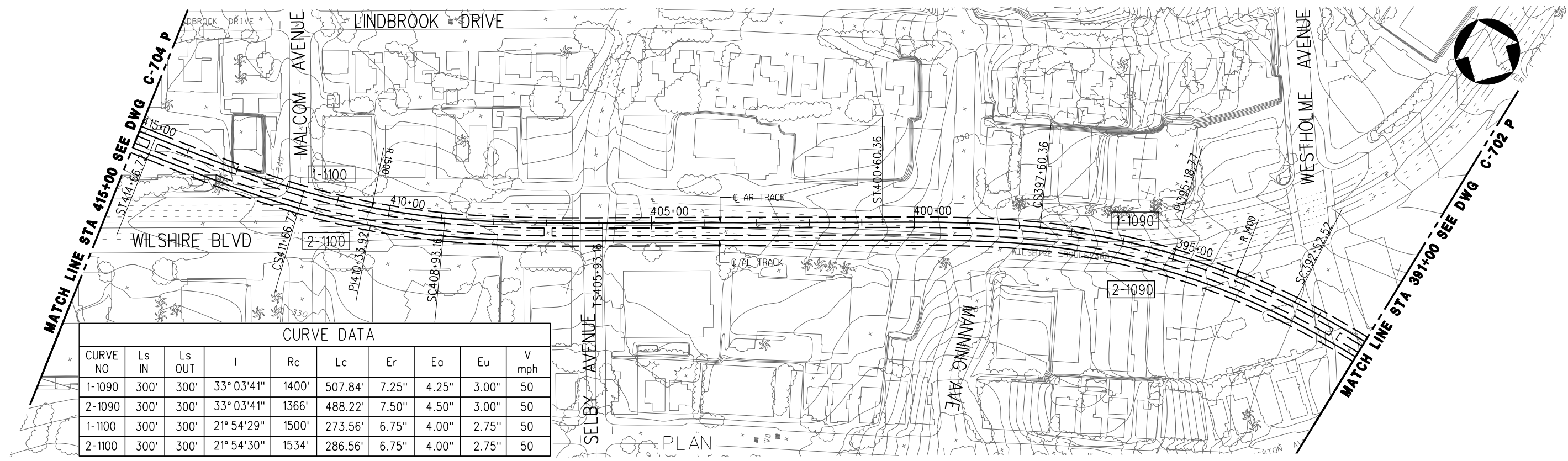
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

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 365+00 TO 391+00
 OPTION 4

CONTRACT NO	
DRAWING NO	REV
C-702 P	
SCALE	
1" = 200'	
SHEET NO	



OPTION 4: CENTURY CITY CONSTELLATION TO WESTWOOD/UCLA OFF-STREET VIA EAST - SEGMENT P

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010

M Metro
PB PROJECT MANAGER

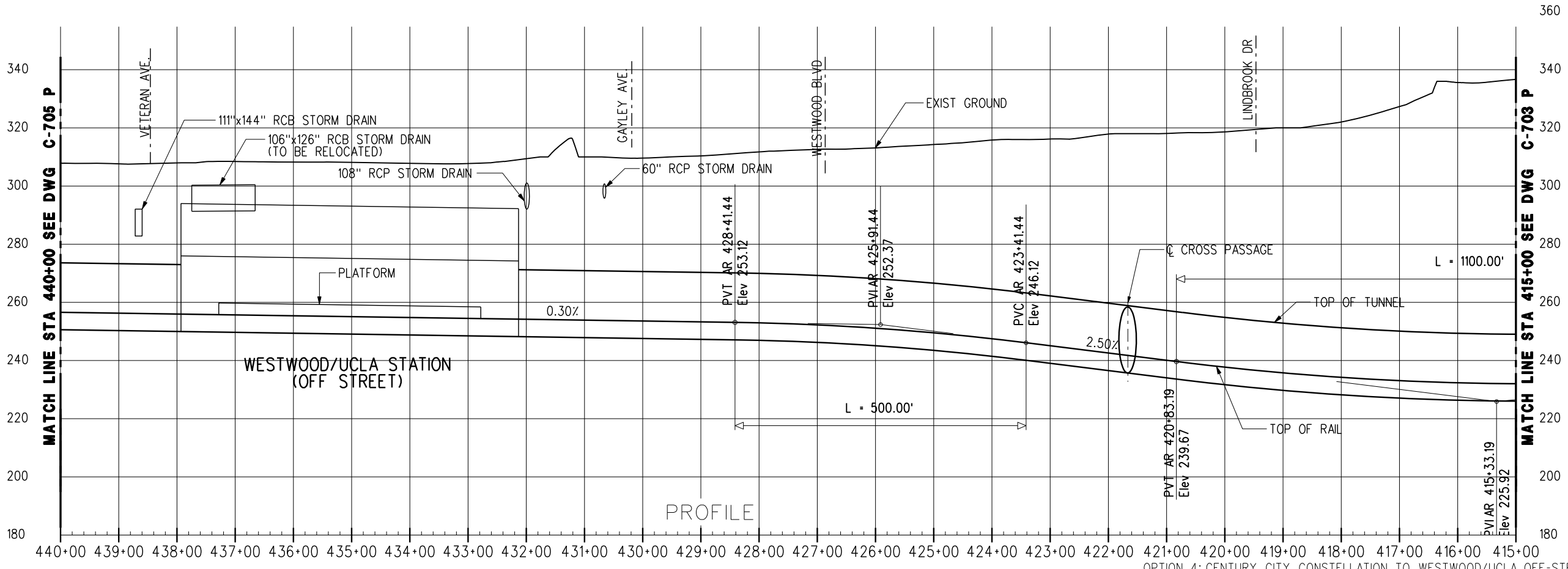
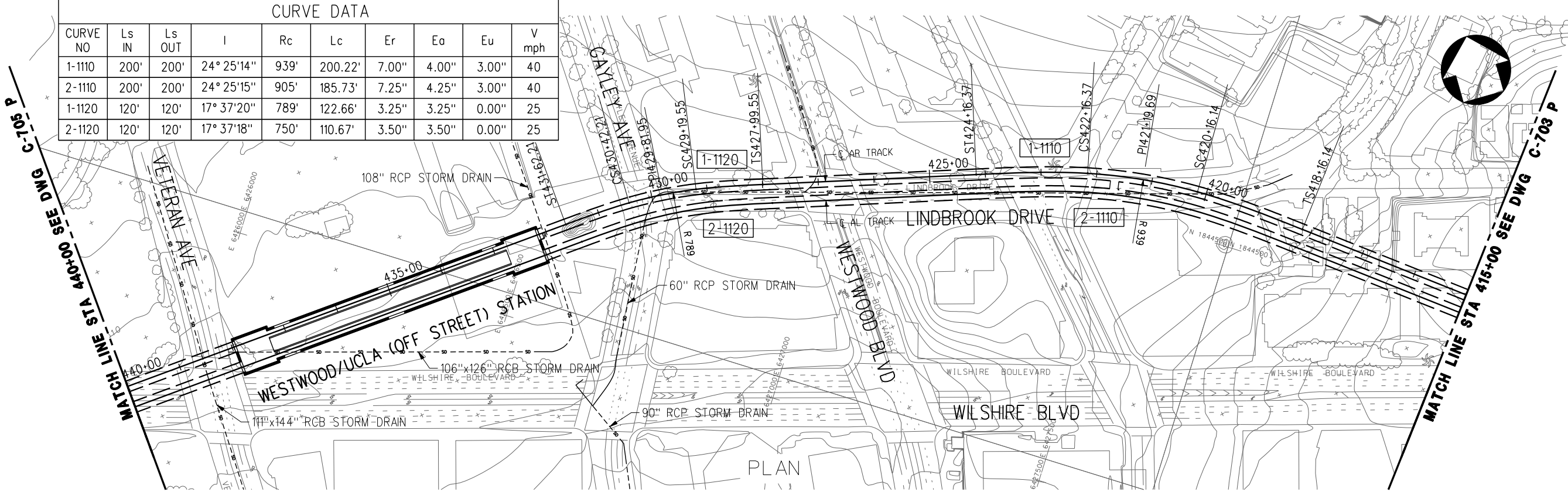
LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING

PLAN & PROFILE
STATION 391+00 TO 415+00
OPTION 4



CONTRACT NO	
DRAWING NO	C-703 P
SCALE	1" = 200'
SHEET NO	

CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1110	200'	200'	24° 25' 14"	939'	200.22'	7.00"	4.00"	3.00"	40
2-1110	200'	200'	24° 25' 15"	905'	185.73'	7.25"	4.25"	3.00"	40
1-1120	120'	120'	17° 37' 20"	789'	122.66'	3.25"	3.25"	0.00"	25
2-1120	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

 PROJECT MANAGER _____

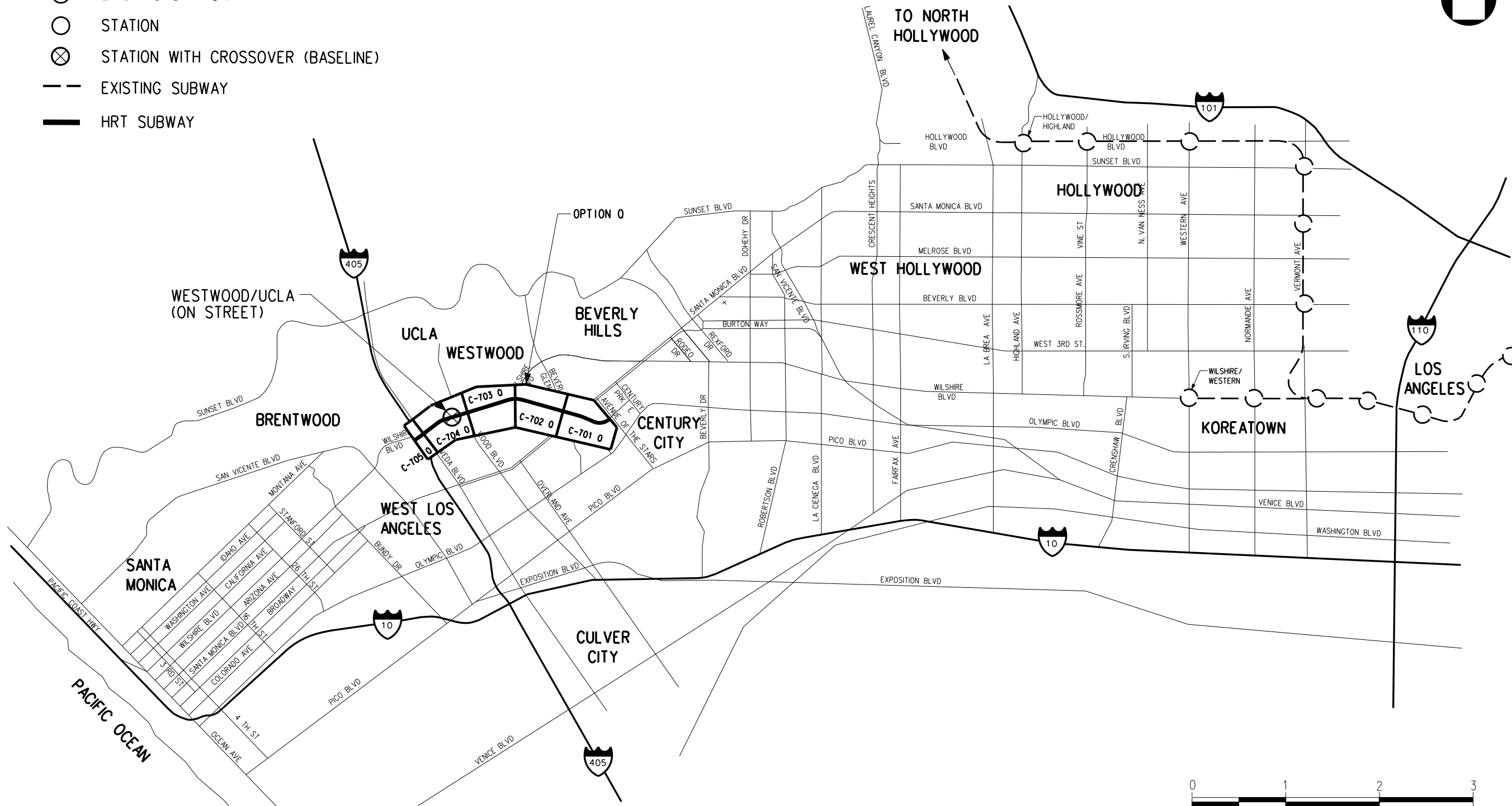
WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING
 PLAN & PROFILE
 STATION 415+00 TO 440+00
 OPTION 4

CONTRACT NO	
DRAWING NO	C-704 P
SCALE	1" = 200'
SHEET NO	

User Name: USER-rdrig@7d3/2010 @ 11:31:14 AM File Name: T:\27940A-WestsideExtension\ACE\CADD\sheet\civil\Option P - Constellation to UCLA OffST via Westfield\C-704 P.plg

LEGEND

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



OPTION 4: CENTURY CITY CONSTELLATION WESTWOOD/UCLA ON-STREET VIA EAST - SEGMENT Q

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

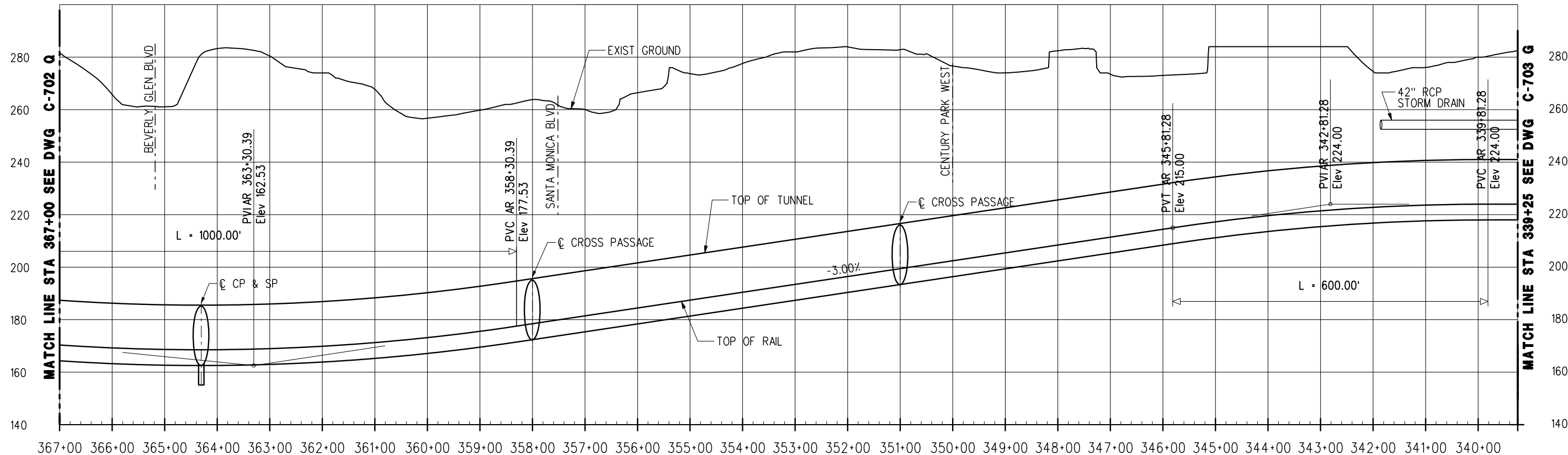
OPTION 4 CENTURY CITY TO WESTWOOD/UCLA ON STREET VIA WESTFIELD

CONTRACT NO	
DRAWING NO	C-700 Q
SCALE	
SHEET NO	



CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1070	150'	150'	64° 09' 51"	800'	745.90'	4.75"	4.00"	0.75"	30
2-1070	150'	150'	64° 09' 51"	839'	789.58'	4.50"	4.00"	0.50"	30
1-1080	250'	250'	8° 08' 56"	4034'	323.75'	3.00"	3.00"	0.00"	55
2-1080	250'	250'	8° 08' 57"	4000'	318.91'	3.25"	3.25"	0.00"	55

PLAN




PROFILE

OPTION 4: CENTURY CITY CONSTELLATION TO WESTWOOD/UCLA ON-STREET VIA EAST - SEGMENT Q

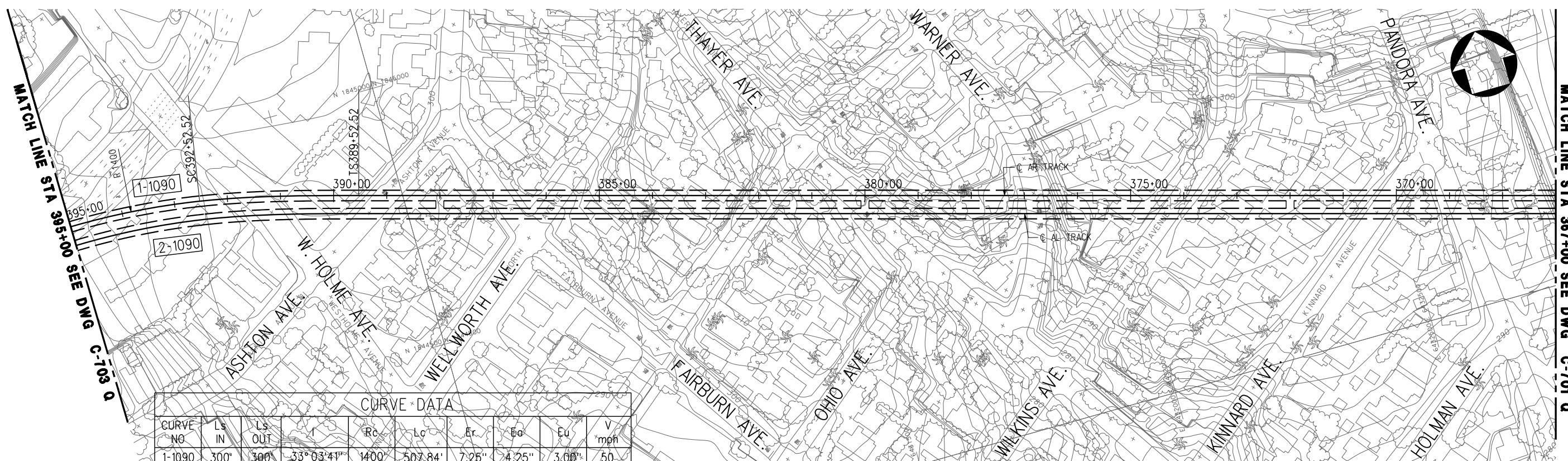
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

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 339+25 TO 367+00
 OPTION 4

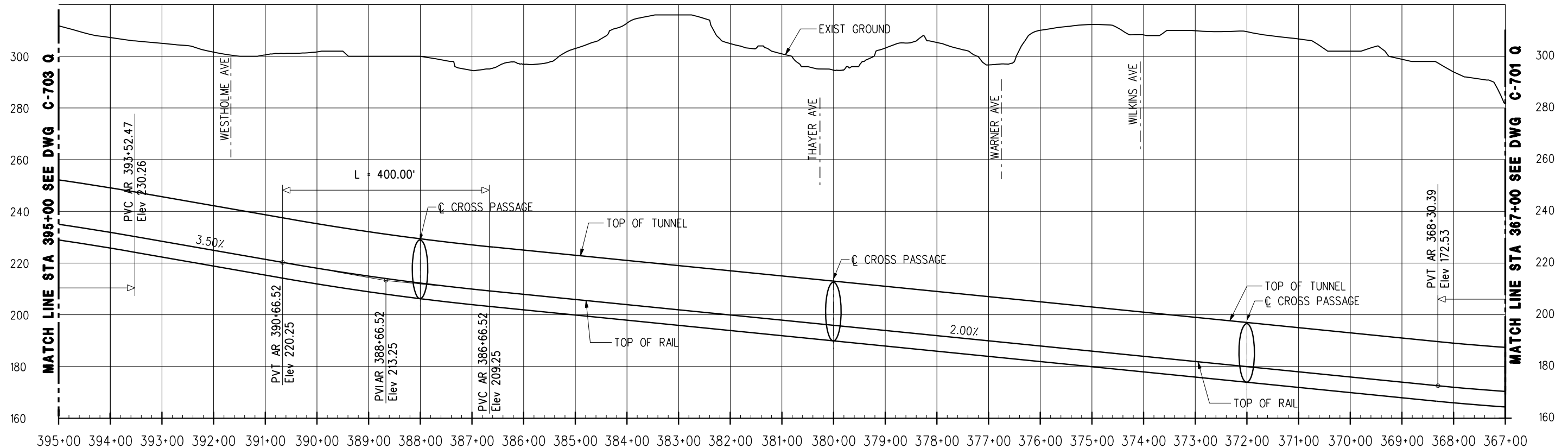
CONTRACT NO	
DRAWING NO	REV
C-701 Q	
SCALE	1" = 200'
SHEET NO	



CURVE DATA

CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Eo	Eu	V mph
1-1090	300'	300'	33° 03' 41"	1400'	507.84'	7.25"	4.25"	3.00"	50
2-1090	300'	300'	33° 03' 41"	1366'	488.22'	7.50"	4.50"	3.00"	50

PLAN



PROFILE

OPTION 4: CENTURY CITY CONSTELLATION TO WESTWOOD/UCLA ON-STREET VIA EAST - SEGMENT Q

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010



Metro

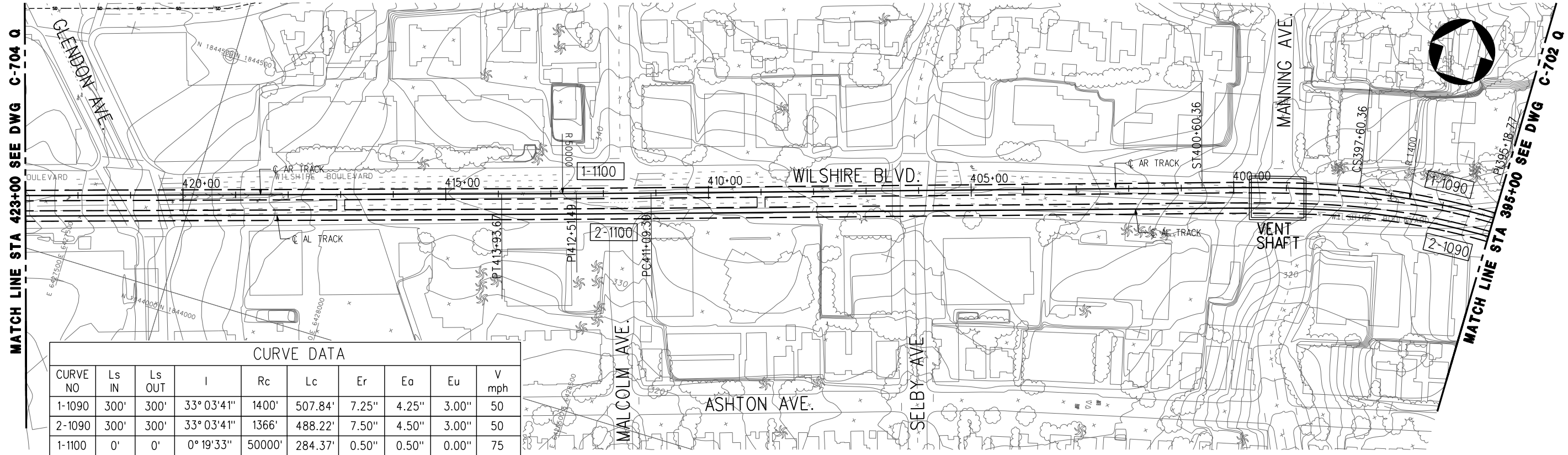
**LOS ANGELES COUNTY
METROPOLITAN TRANSPORTATION AUTHORITY**

PROJECT MANAGER _____

**WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING**

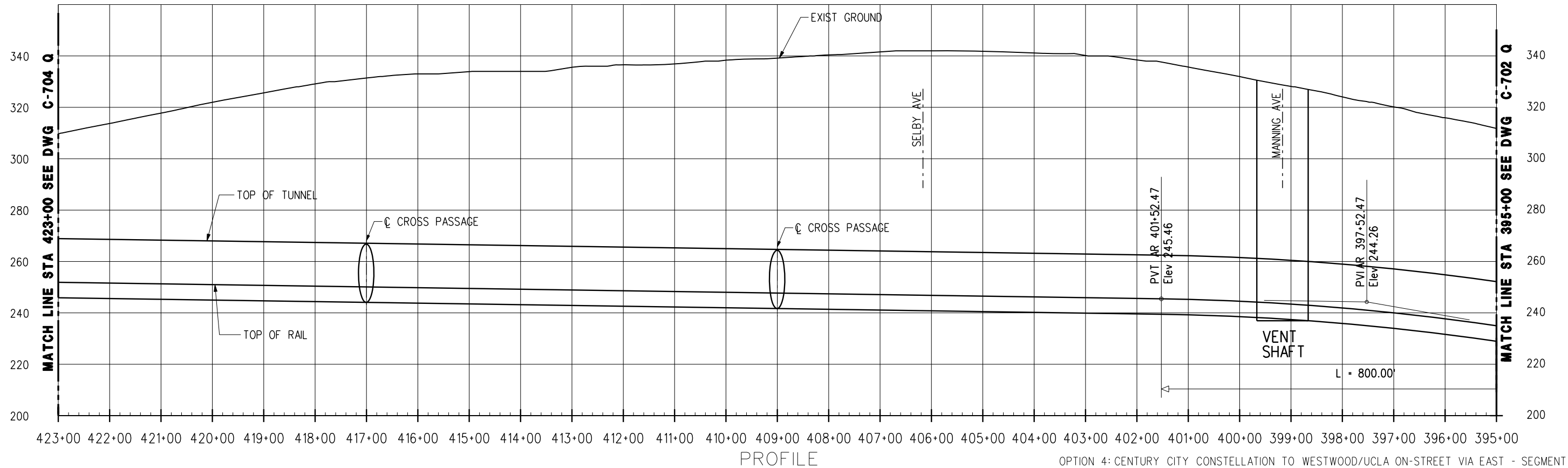
PLAN & PROFILE
STATION 367+00 TO 395+00
OPTION 4

CONTRACT NO	
DRAWING NO	REV
C-702 Q	
SCALE	
1" = 200'	
SHEET NO	



CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Eo	Eu	V mph
1-1090	300'	300'	33° 03' 41"	1400'	507.84'	7.25"	4.25"	3.00"	50
2-1090	300'	300'	33° 03' 41"	1366'	488.22'	7.50"	4.50"	3.00"	50
1-1100	0'	0'	0° 19' 33"	50000'	284.37'	0.50"	0.50"	0.00"	75
2-1100	0'	0'	0° 19' 33"	50039'	284.59'	0.50"	0.50"	0.00"	75

PLAN




PROFILE

OPTION 4: CENTURY CITY CONSTELLATION TO WESTWOOD/UCLA ON-STREET VIA EAST - SEGMENT Q

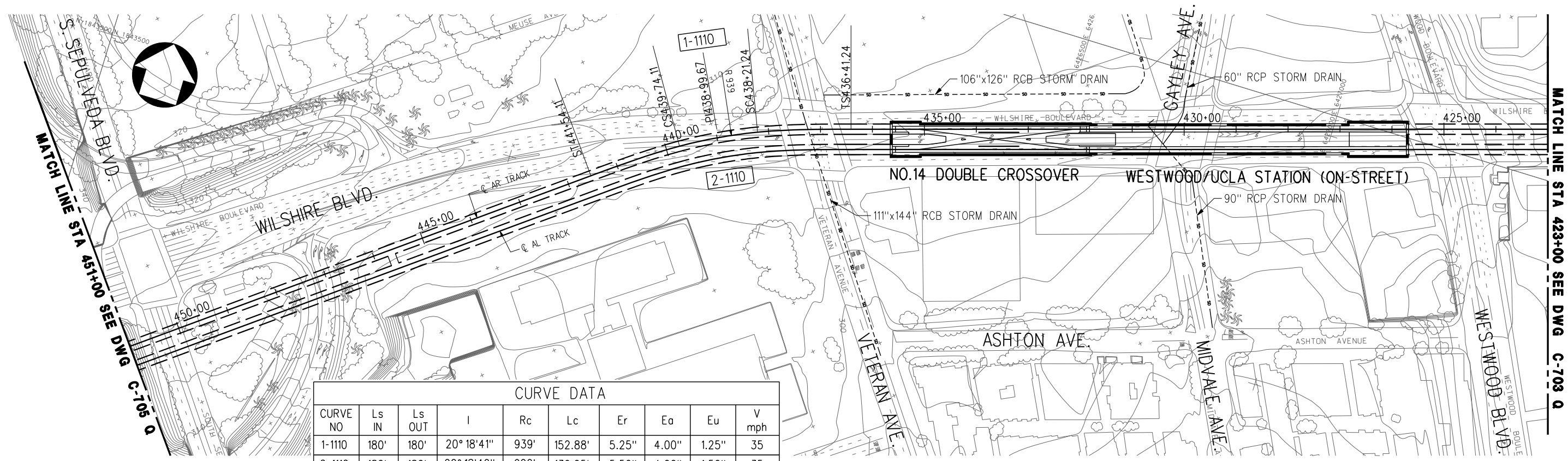
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010


LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY
 Metro
 PROJECT MANAGER _____

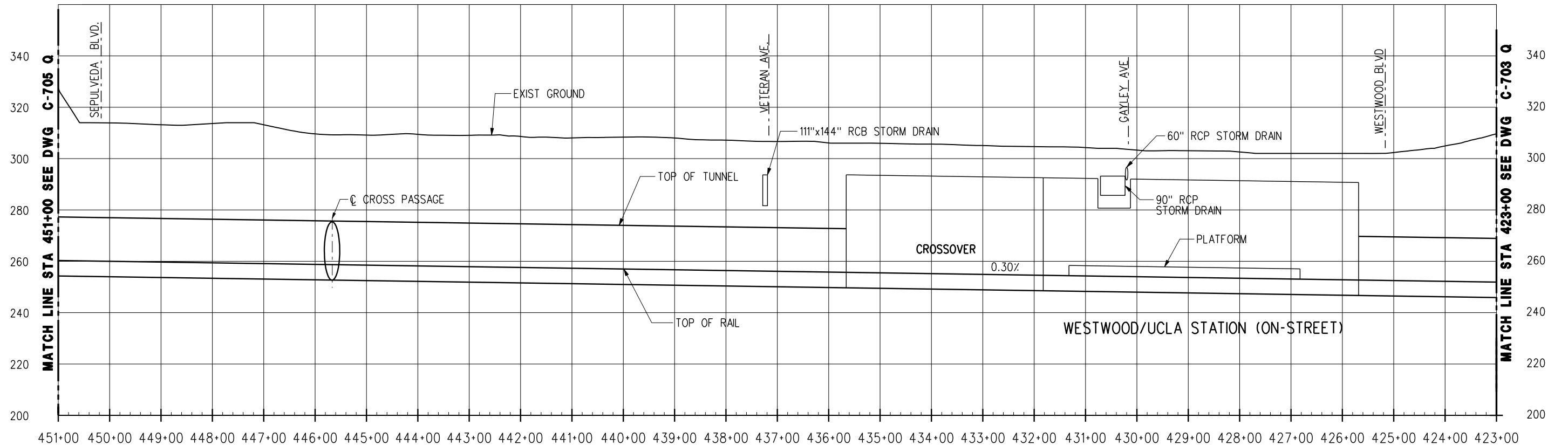
WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING
 PLAN & PROFILE
 STATION 395+00 TO 423+00
 OPTION 4

CONTRACT NO	
DRAWING NO	REV
C-703 Q	
SCALE	
1" = 200'	
SHEET NO	



CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1110	180'	180'	20° 18' 41"	939'	152.88'	5.25"	4.00"	1.25"	35
2-1110	180'	180'	20° 18' 40"	900'	139.05'	5.50"	4.00"	1.50"	35

PLAN




PROFILE

OPTION 4: CENTURY CITY CONSTELLATION TO WESTWOOD/UCLA ON-STREET VIA EAST - SEGMENT Q

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010

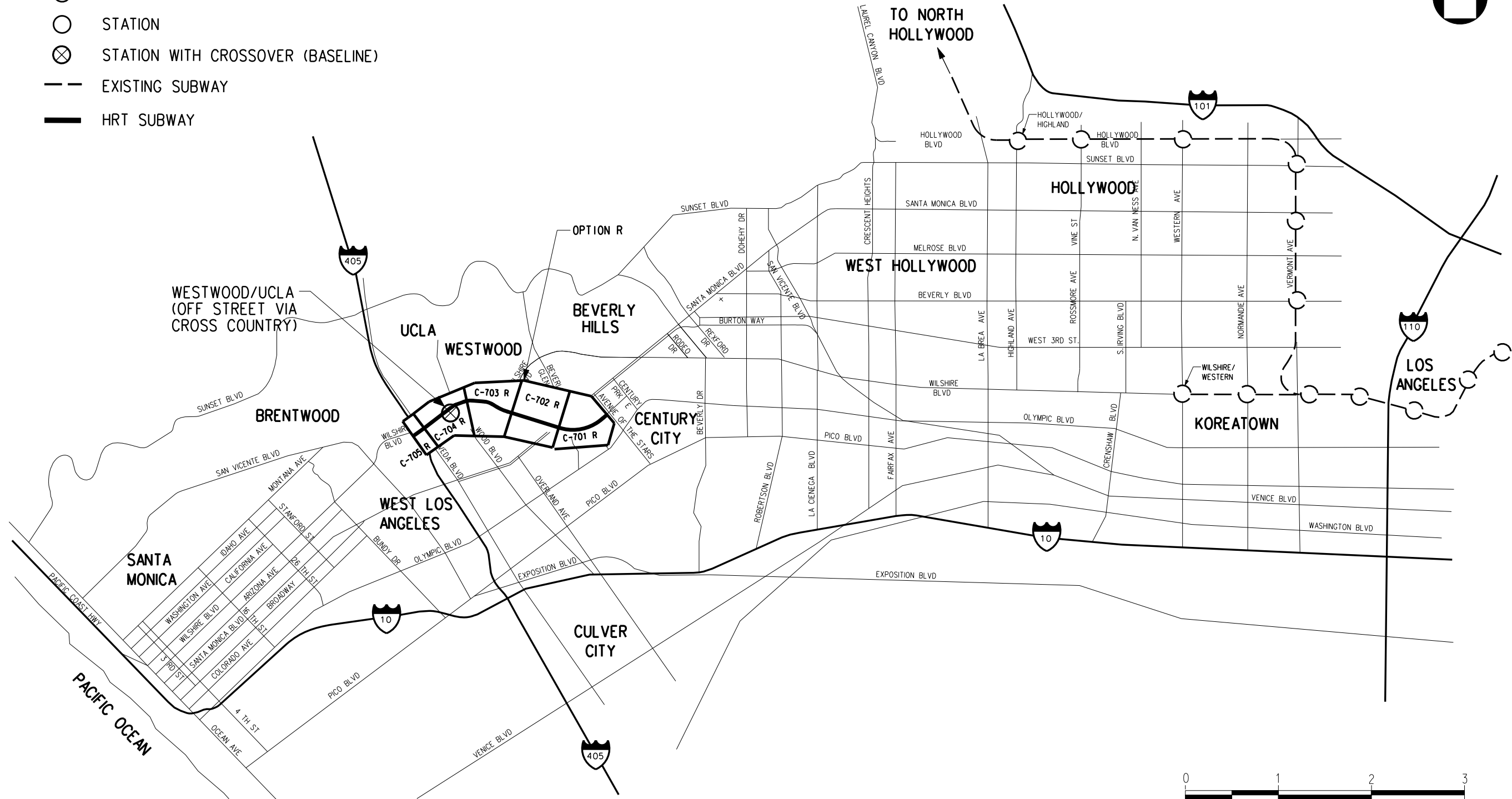

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY
Metro
 PROJECT MANAGER _____

WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING
 PLAN & PROFILE
 STATION 423+00 TO 451+00
 OPTION 4

CONTRACT NO	
DRAWING NO	REV
C-704 Q	
SCALE	
1" = 200'	
SHEET NO	

LEGEND

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



OPTION 4: CENTURY CITY CONSTELLATION WESTWOOD/UCLA OFF-STREET VIA CENTURY - SEGMENT R

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

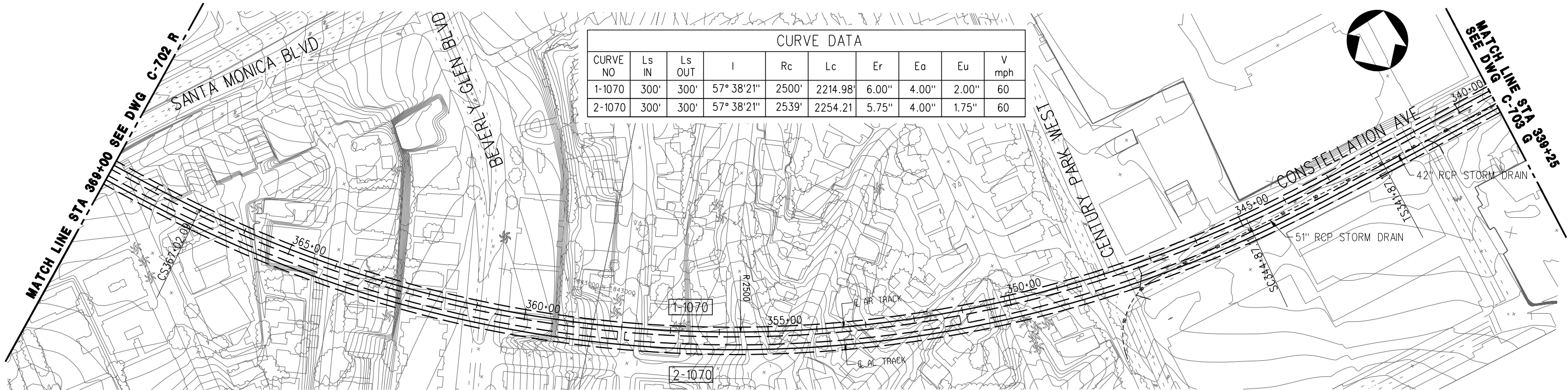
PROJECT MANAGER _____

WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING

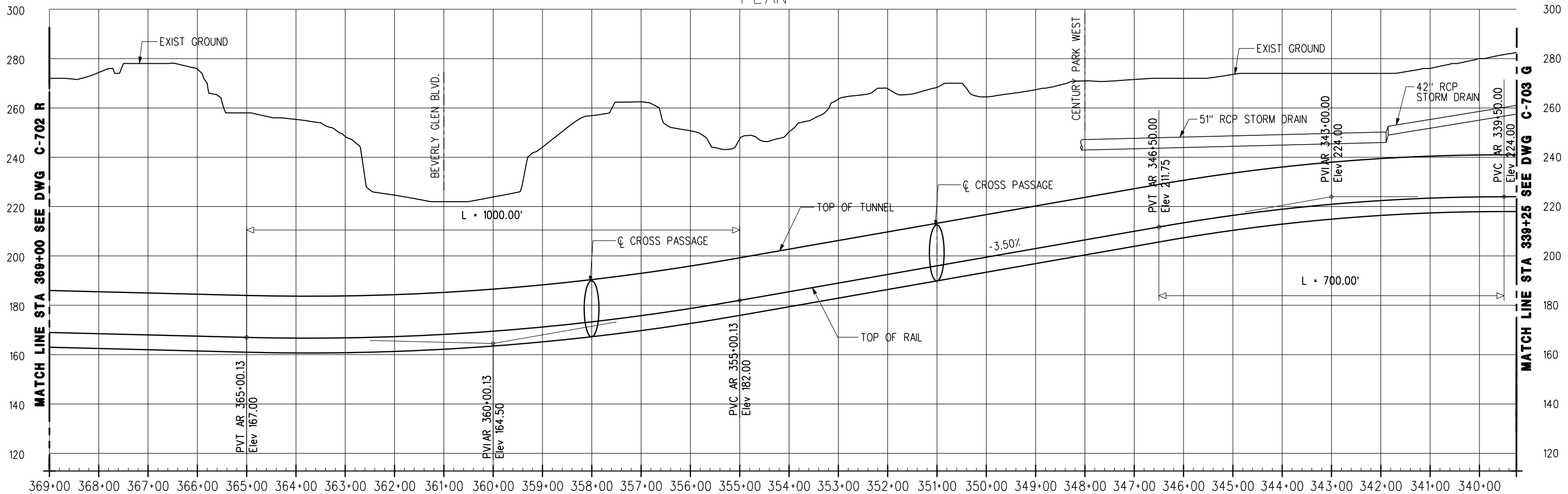
OPTION 4
CENTURY CITY TO WESTWOOD/UCLA
OFF STREET VIA CROSS COUNTRY

CONTRACT NO	
DRAWING NO	C-700 R
SCALE	
SHEET NO	

CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1070	300'	300'	57° 38' 21"	2500'	2214.98'	6.00"	4.00"	2.00"	60
2-1070	300'	300'	57° 38' 21"	2539'	2254.21'	5.75"	4.00"	1.75"	60



PLAN



PROFILE

OPTION 4: CENTURY CITY CONSTELLATION TO WESTWOOD/UCLA OFF-STREET VIA CENTRAL - SEGMENT R

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY
DRAWN BY
CHECKED BY
IN CHARGE
DATE JULY 2010



Metro

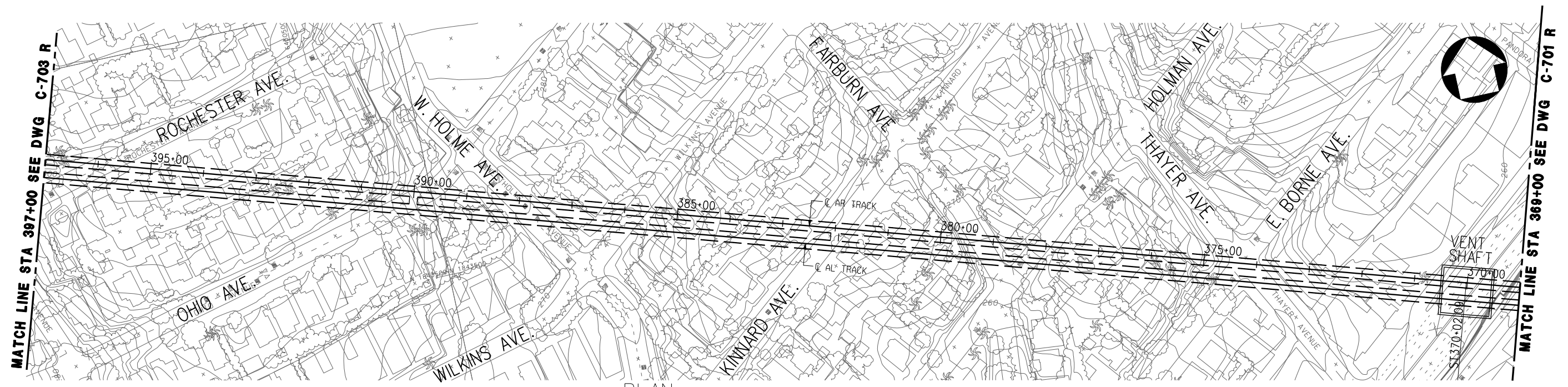
LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

PROJECT MANAGER _____

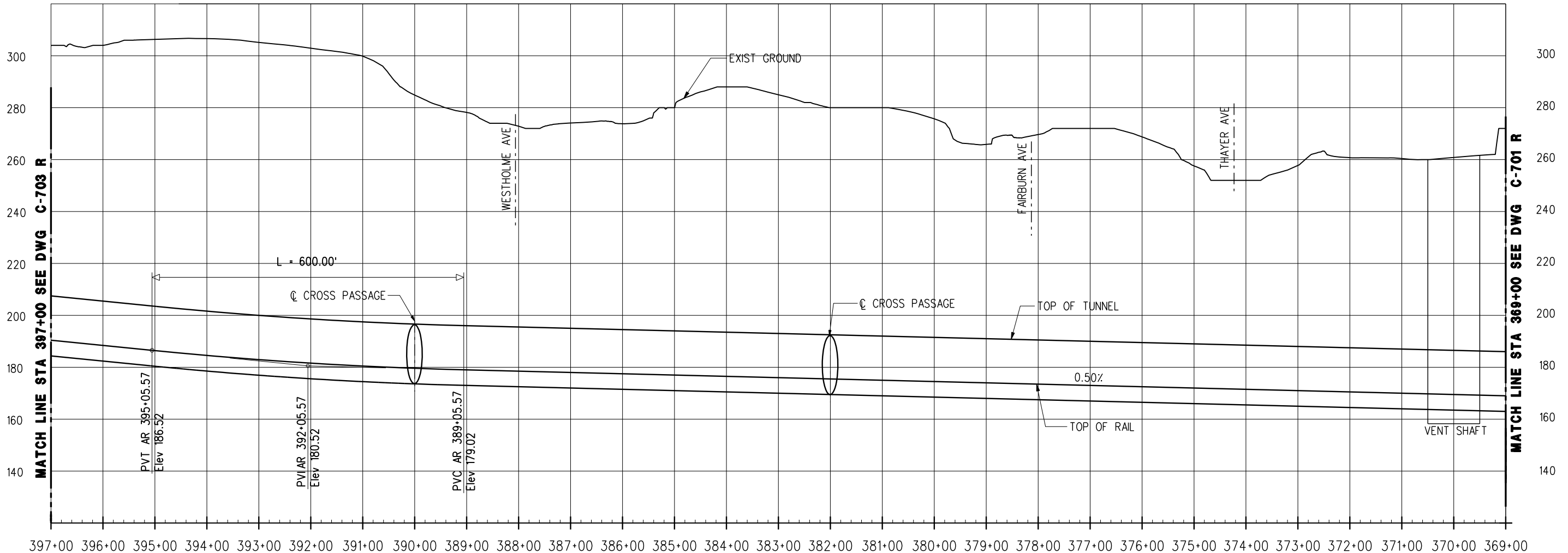
**WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING**

PLAN & PROFILE
STATION 339+25 TO 369+00
OPTION 4

CONTRACT NO	
DRAWING NO C-701 R	REV
SCALE 1"=200'	
SHEET NO	



PLAN




PROFILE

OPTION 4: CENTURY CITY CONSTELLATION TO WESTWOOD/UCLA OFF-STREET VIA CENTRAL - SEGMENT R

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**

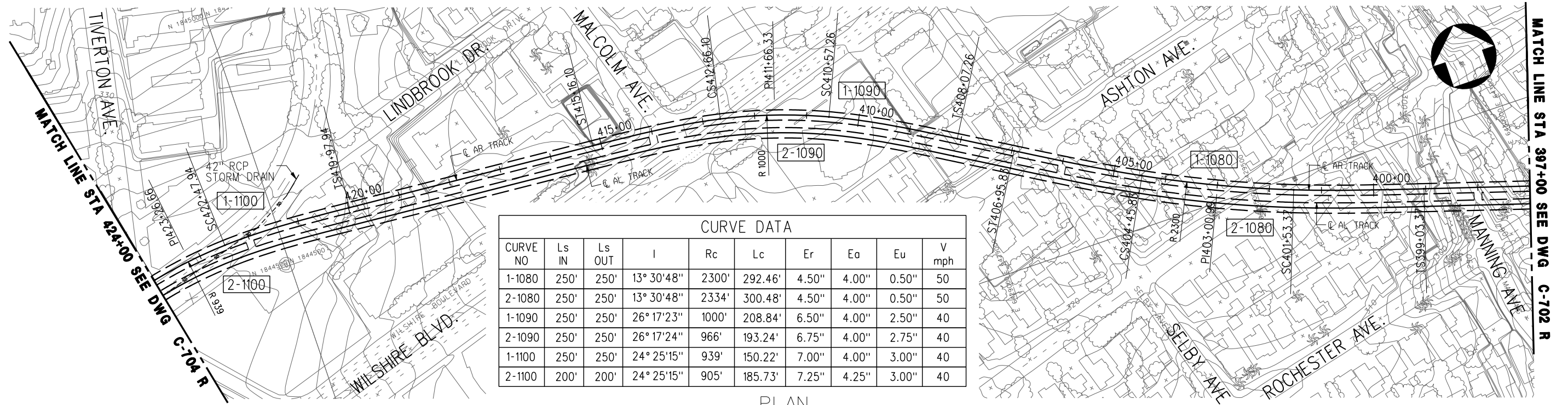
Metro

PROJECT MANAGER _____

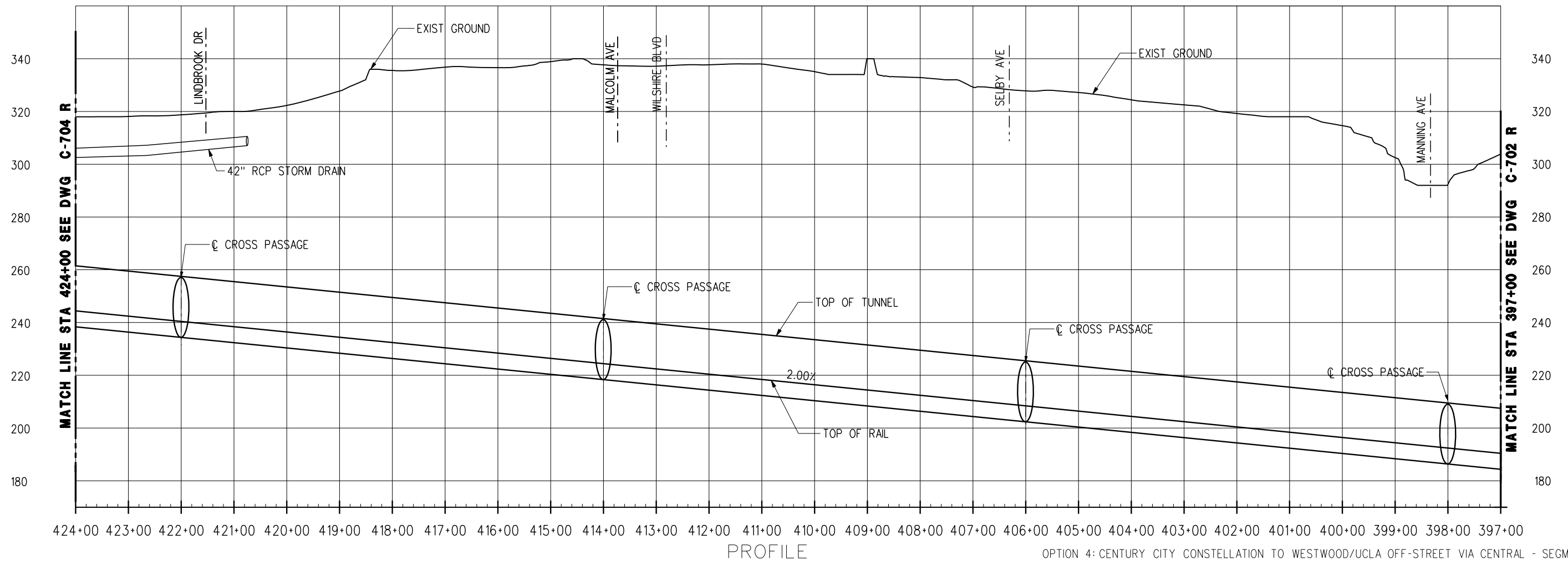
**WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING**

 PLAN & PROFILE
 STATION 369+00 TO 397+00
 OPTION 4

CONTRACT NO	
DRAWING NO	REV
C-702 R	
SCALE	
1" = 200'	
SHEET NO	



PLAN



PROFILE

OPTION 4: CENTURY CITY CONSTELLATION TO WESTWOOD/UCLA OFF-STREET VIA CENTRAL - SEGMENT R

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

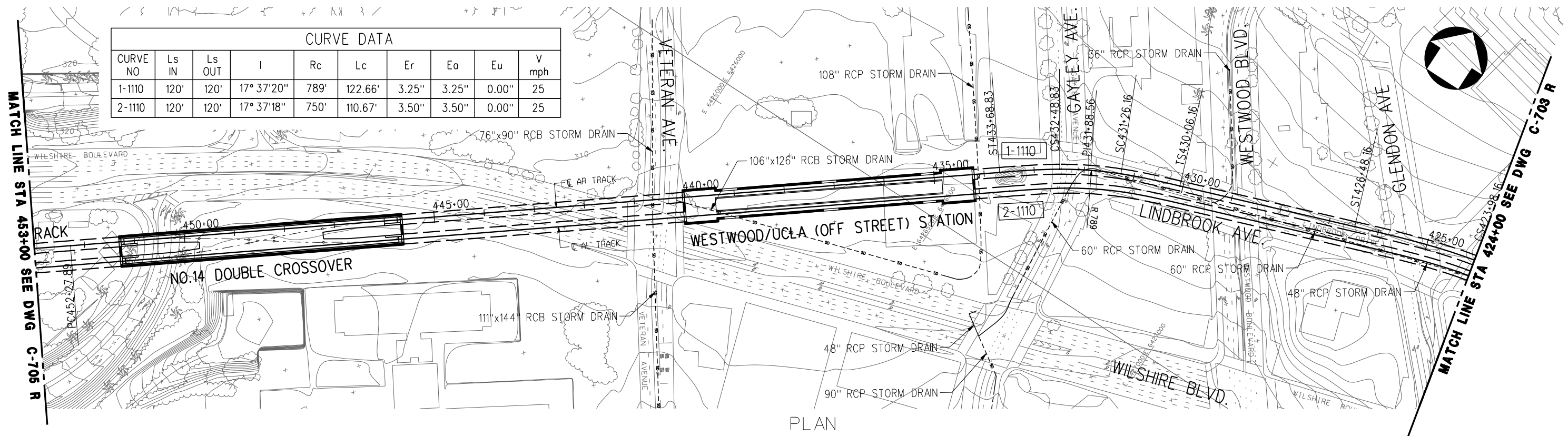
PROJECT MANAGER _____

WESTSIDE SUBWAY EXTENSION ADV. CONCEPTUAL ENGINEERING

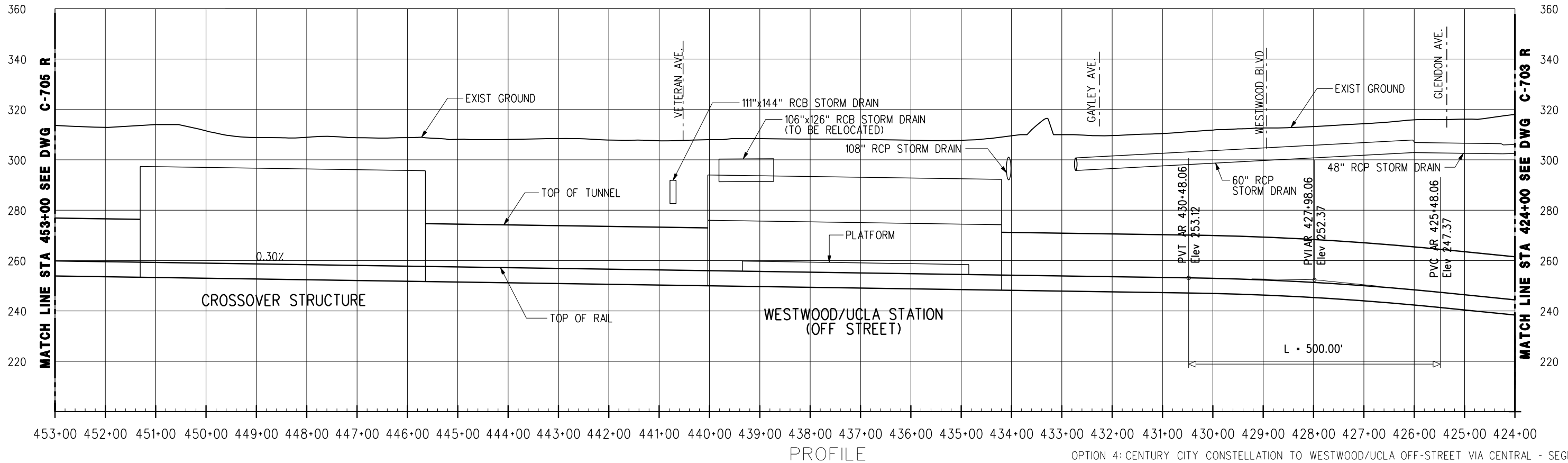
PLAN & PROFILE
STATION 397+00 TO 424+00
OPTION 4

CONTRACT NO	
DRAWING NO	REV
C-703 R	
SCALE	1" = 200'
SHEET NO	

CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Eo	Eu	V mph
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



PLAN




PROFILE

OPTION 4: CENTURY CITY CONSTELLATION TO WESTWOOD/UCLA OFF-STREET VIA CENTRAL - SEGMENT R

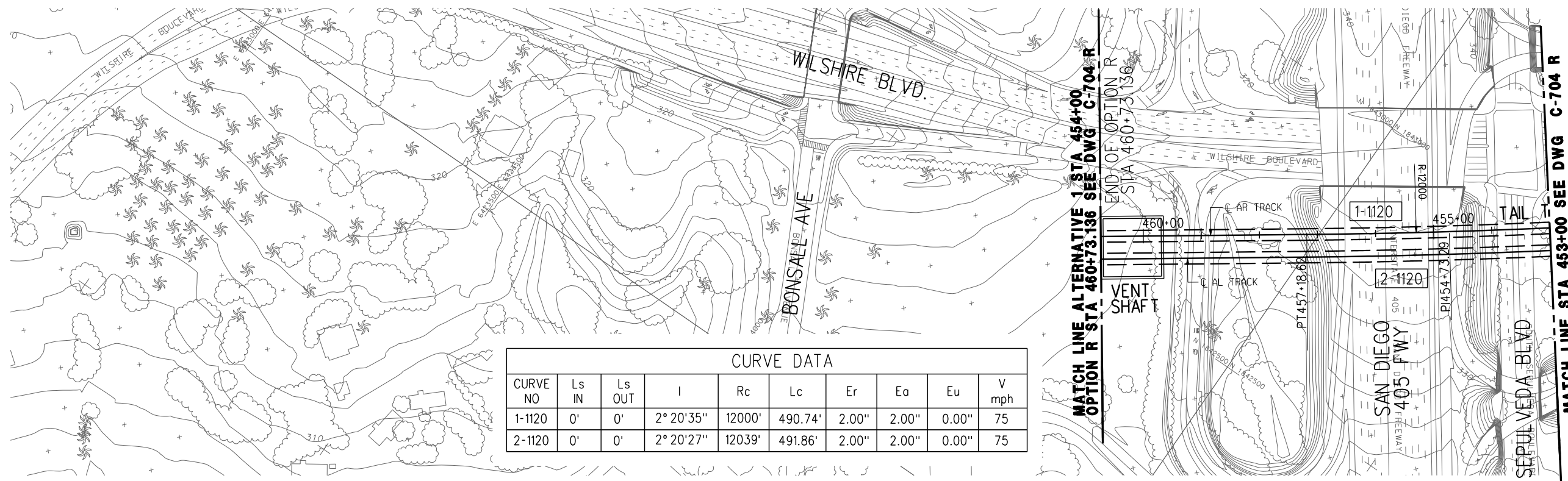
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010


LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY
Metro
 PROJECT MANAGER _____

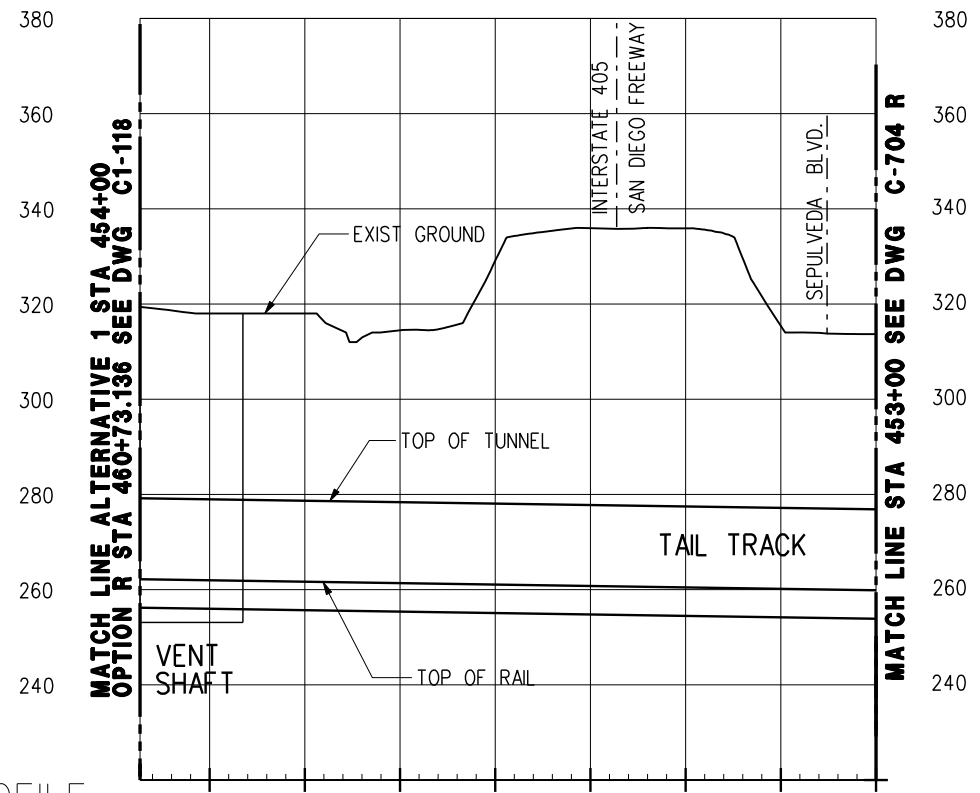
WESTSIDE SUBWAY EXTENSION
ADV. CONCEPTUAL ENGINEERING
 SETTLEMENT STUDY
 STATION 424+00 TO 453+00
 OPTION 4

CONTRACT NO	
DRAWING NO	REV
S-704 R	
SCALE	
1" = 200'	
SHEET NO	



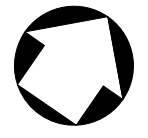
CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1120	0'	0'	2° 20' 35"	12000'	490.74'	2.00"	2.00"	0.00"	75
2-1120	0'	0'	2° 20' 27"	12039'	491.86'	2.00"	2.00"	0.00"	75

PLAN



PROFILE

OPTION 4: CENTURY CITY CONSTELLATION TO WESTWOOD/UCLA OFF-STREET VIA CENTRAL - SEGMENT R



DESIGNED BY							
DRAWN BY							
CHECKED BY							
IN CHARGE							
DATE	JULY 2010						
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION



Metro

LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

PROJECT MANAGER _____

WESTSIDE SUBWAY EXTENSION ADV. CONCEPTUAL ENGINEERING

PLAN & PROFILE
STATION 453+00 TO 460+73.136
OPTION 4

CONTRACT NO	
DRAWING NO	REV
C-705 R	
SCALE	1" = 200'
SHEET NO	