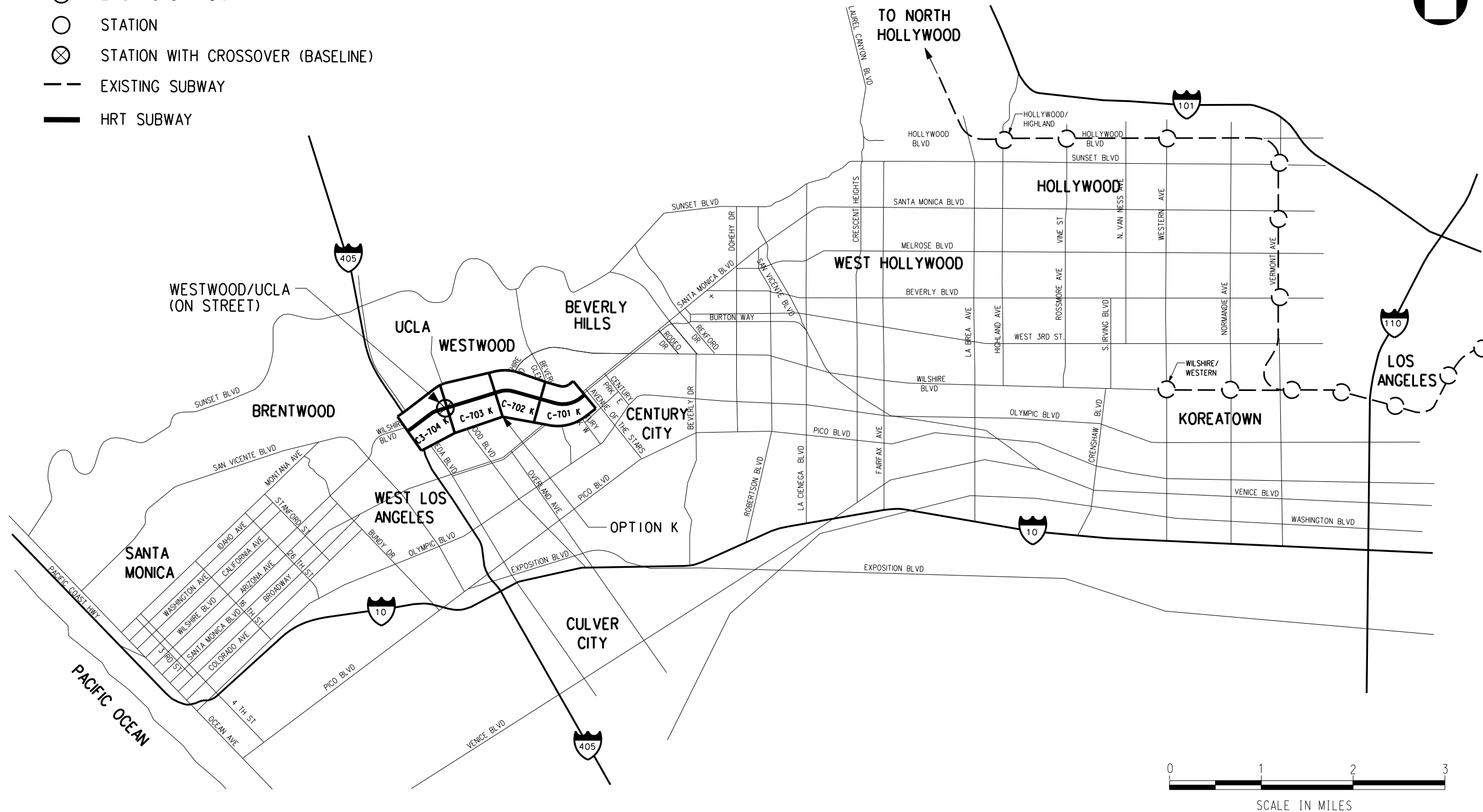


**LEGEND**

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



OPTION 4: CENTURY CITY SANTA MONICA WESTWOOD/UCLA ON-STREET VIA EAST - SEGMENT K

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010



**Metro**

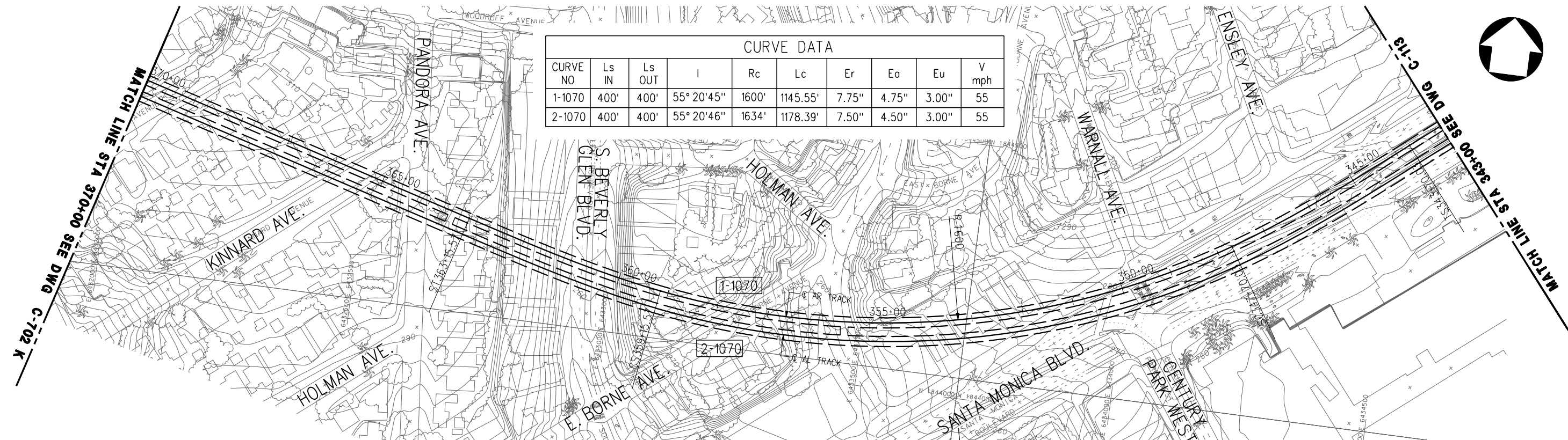
**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**

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

**WESTSIDE SUBWAY EXTENSION ADV. CONCEPTUAL ENGINEERING**

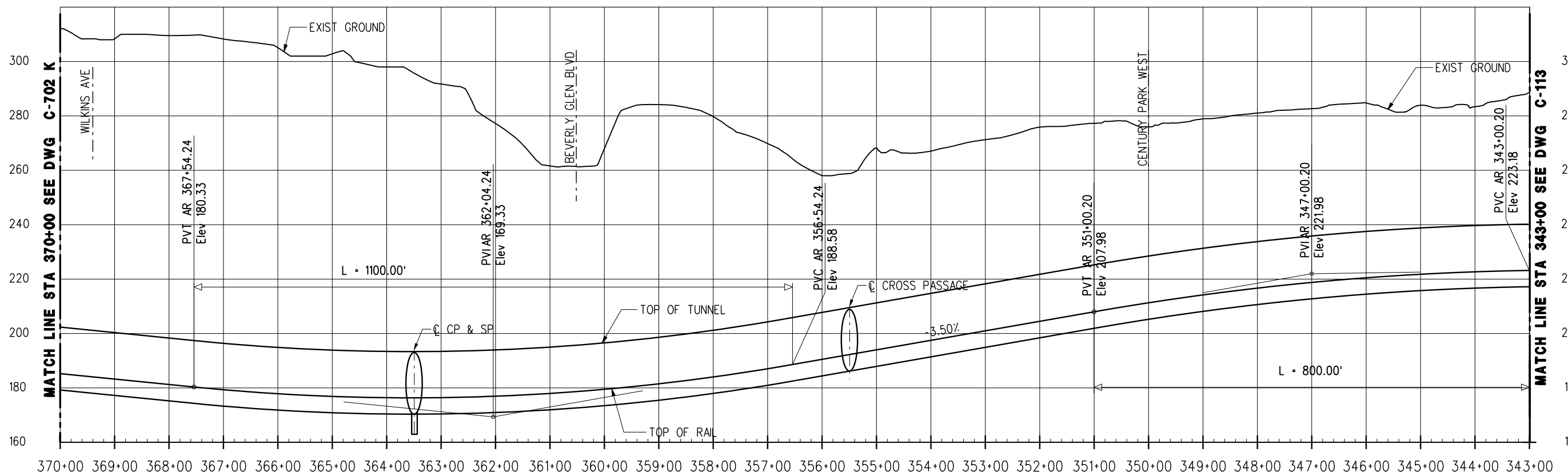
**OPTION 4  
CENTURY CITY (STA MONICA) TO  
WESTWOOD/UCLA ON STREET**

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



CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Eo	Eu	V mph
1-1070	400'	400'	55° 20' 45"	1600'	1145.55'	7.75"	4.75"	3.00"	55
2-1070	400'	400'	55° 20' 46"	1634'	1178.39'	7.50"	4.50"	3.00"	55

PLAN




PROFILE

OPTION 4: CENTURY CITY SANTA MONICA TO WESTWOOD/UCLA ON-STREET VIA EAST - SEGMENT K

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

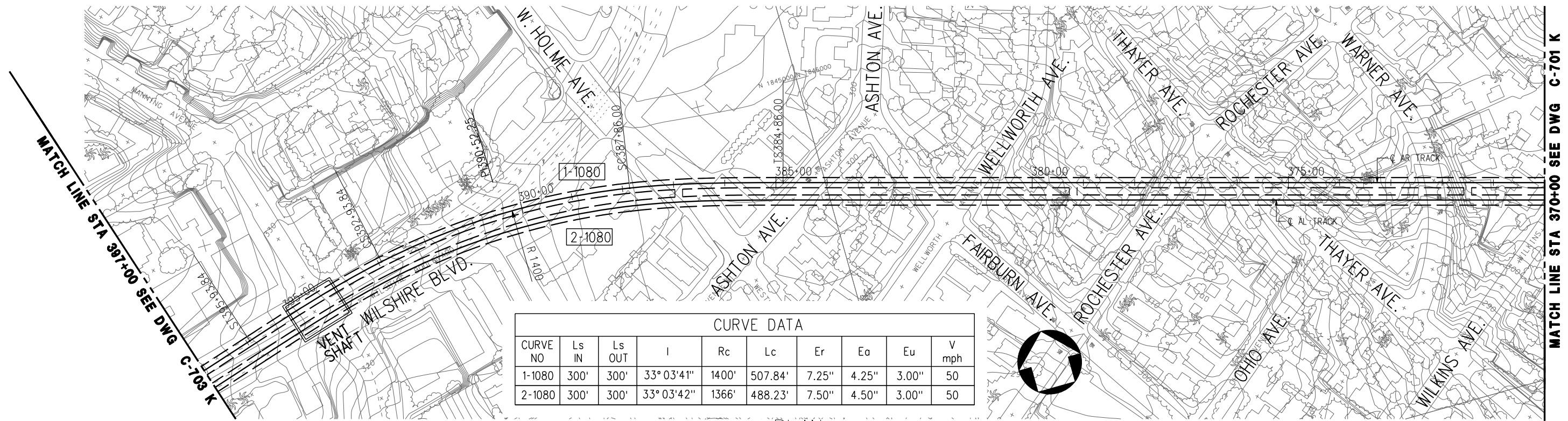
DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010


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

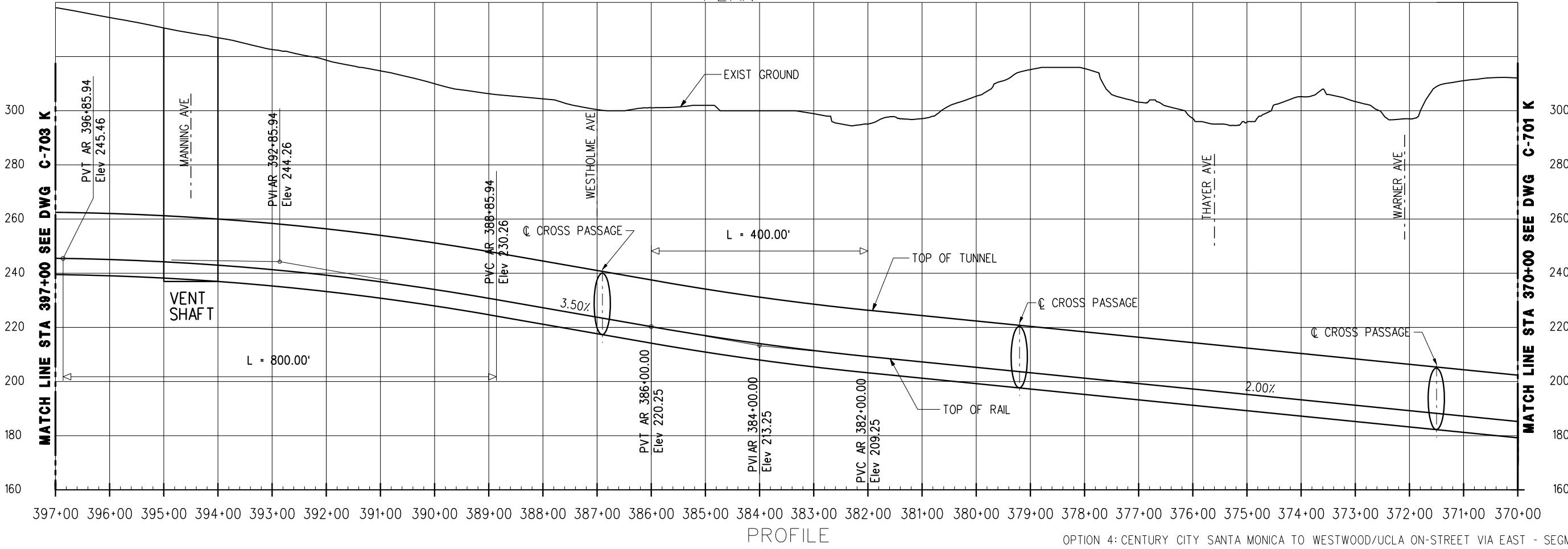
**WESTSIDE SUBWAY EXTENSION**  
**ADV. CONCEPTUAL ENGINEERING**  
 PLAN & PROFILE  
 STATION 343+00 TO 370+00  
 OPTION 4

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

User Name: USER-adrcteg/7/13/2010 @ 11:23:53 AM File Name: T:\27940A-WestsideExtension\ACE\CADD\sheet\Civil\Option K - StaMonica to UCLA OnST-C-701 K.dwg




CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	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' 42"	1366'	488.23'	7.50"	4.50"	3.00"	50



OPTION 4: CENTURY CITY SANTA MONICA TO WESTWOOD/UCLA ON-STREET VIA EAST - SEGMENT K

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010



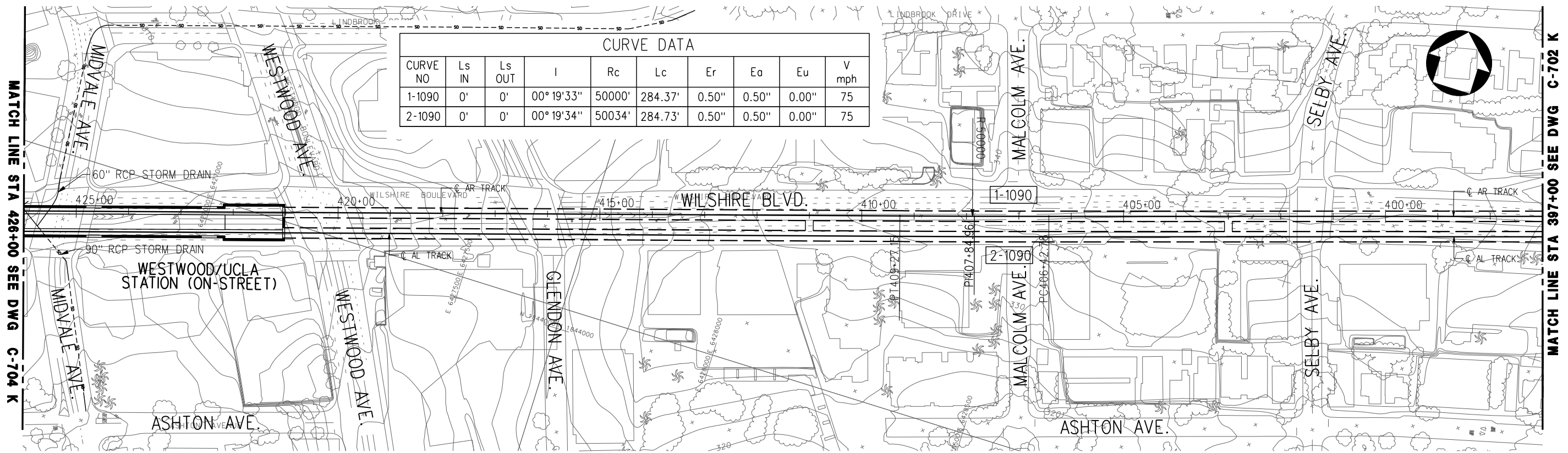
**LOS ANGELES COUNTY  
METROPOLITAN TRANSPORTATION AUTHORITY**

**Metro**

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

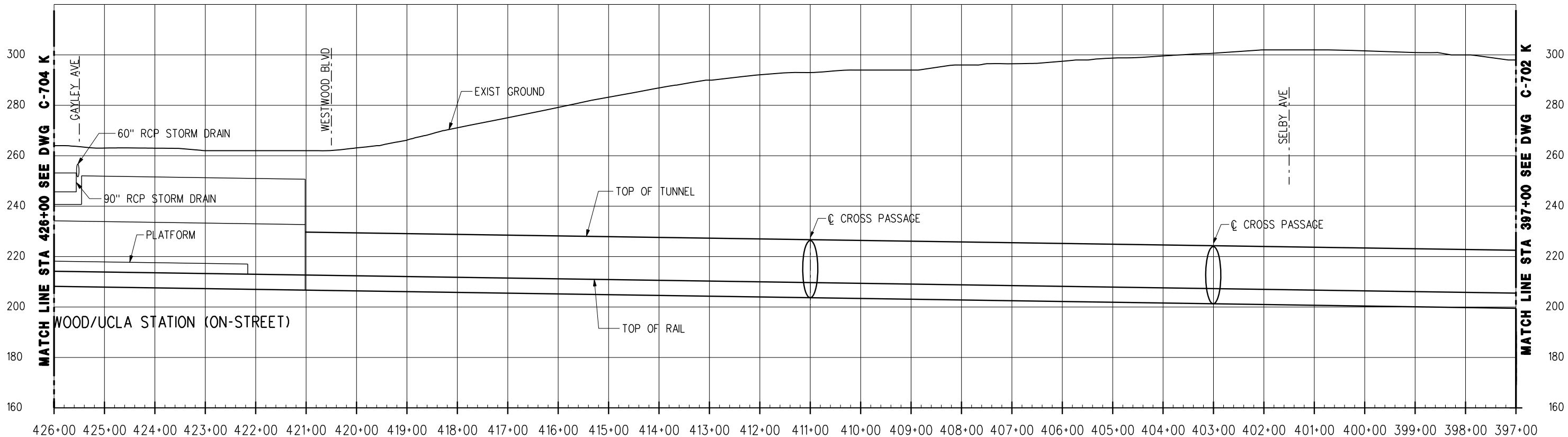
**WESTSIDE SUBWAY EXTENSION**  
**ADV. CONCEPTUAL ENGINEERING**  
 PLAN & PROFILE  
 STATION 370+00 TO 397+00  
 OPTION 4

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



CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1090	0'	0'	00° 19' 33"	50000'	284.37'	0.50"	0.50"	0.00"	75
2-1090	0'	0'	00° 19' 34"	50034'	284.73'	0.50"	0.50"	0.00"	75

PLAN




PROFILE

OPTION 4: CENTURY CITY SANTA MONICA TO WESTWOOD/UCLA ON-STREET VIA EAST - SEGMENT K

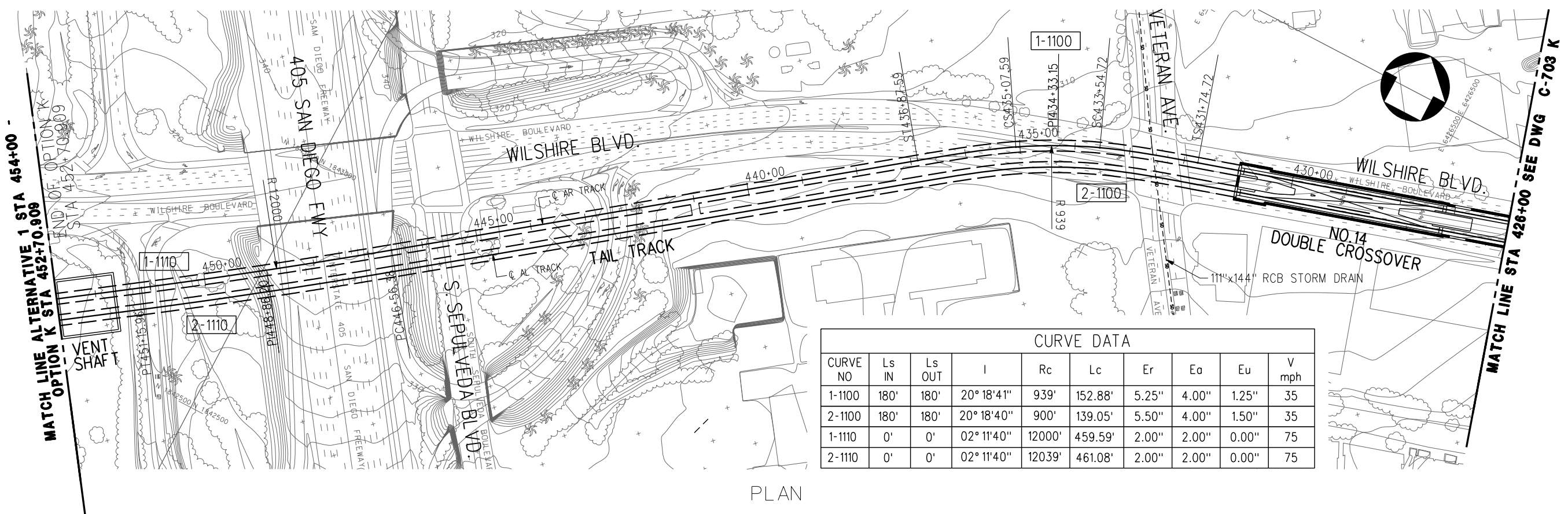
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010

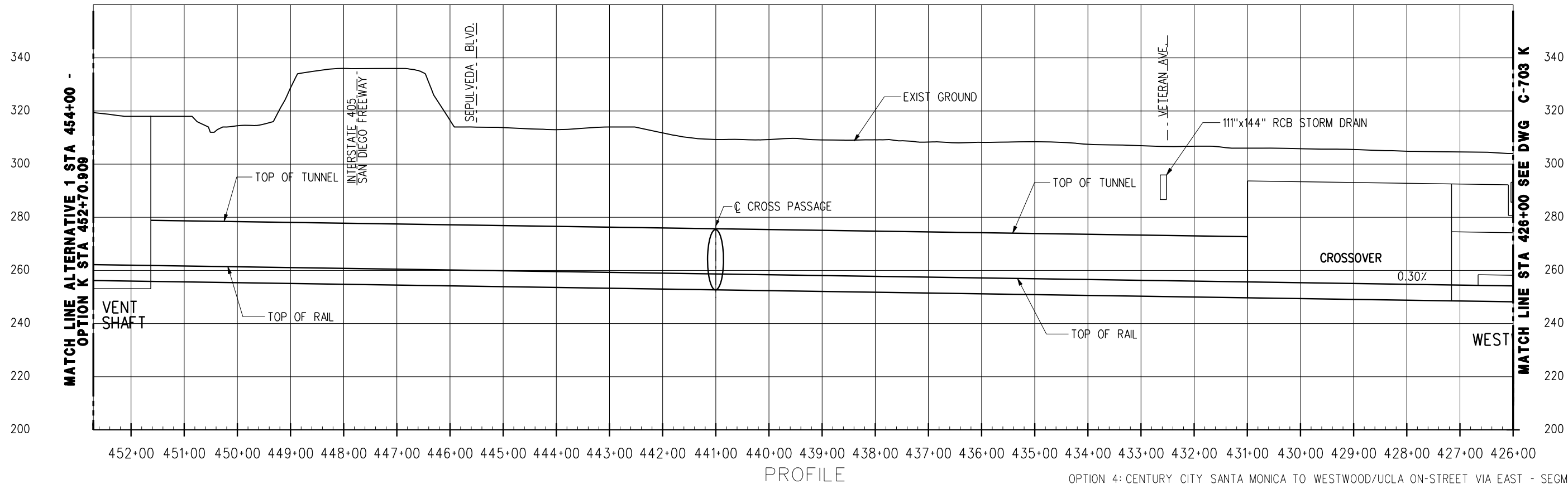

**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**  
**Metro**  
 PROJECT MANAGER \_\_\_\_\_

**WESTSIDE SUBWAY EXTENSION**  
**ADV. CONCEPTUAL ENGINEERING**  
 PLAN & PROFILE  
 STATION 397+00 TO 426+00  
 OPTION 4

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




CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1100	180'	180'	20° 18' 41"	939'	152.88'	5.25"	4.00"	1.25"	35
2-1100	180'	180'	20° 18' 40"	900'	139.05'	5.50"	4.00"	1.50"	35
1-1110	0'	0'	02° 11' 40"	12000'	459.59'	2.00"	2.00"	0.00"	75
2-1110	0'	0'	02° 11' 40"	12039'	461.08'	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 \_\_\_\_\_

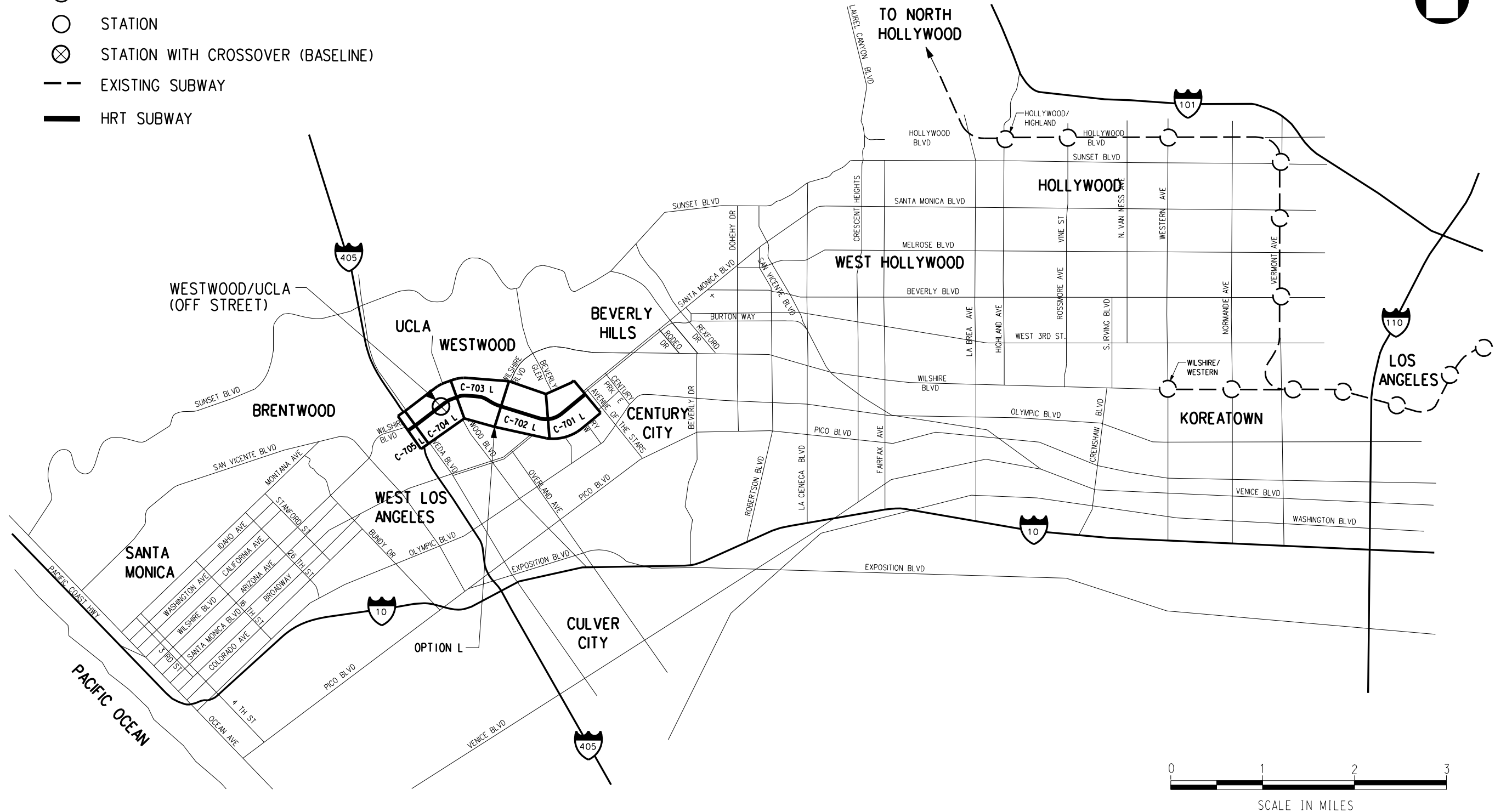
**WESTSIDE SUBWAY EXTENSION**  
**ADV. CONCEPTUAL ENGINEERING**  
 PLAN & PROFILE  
 STATION 426+00 TO 452+70.909  
 OPTION 4

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

User Name: USER-adrcteg/13/2010 @ 11:24:15 AM File Name: T:\27940A-WestsideExtension\ACE\CADD\Sheets\Civil\Option K - StaMonica to UCLA OnST-C-704 K.plg

**LEGEND**

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



OPTION 4: CENTURY CITY SANTA MONICA WESTWOOD/UCLA OFF-STREET VIA CENTRAL - SEGMENT L

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010



**Metro**

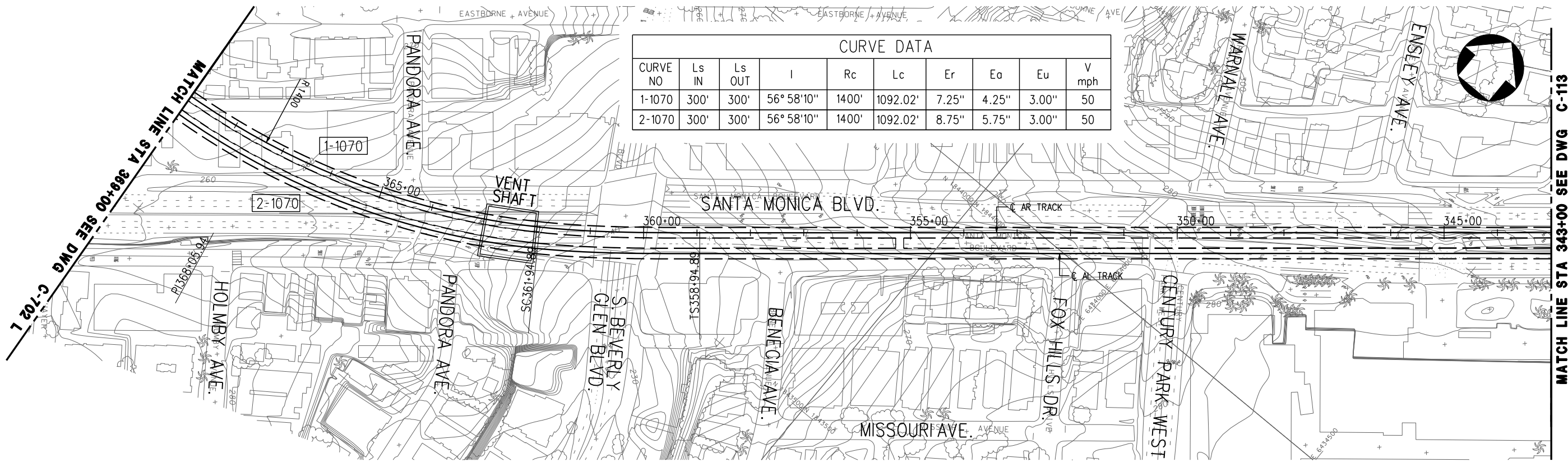
**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**

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

WESTSIDE SUBWAY EXTENSION  
ADV. CONCEPTUAL ENGINEERING

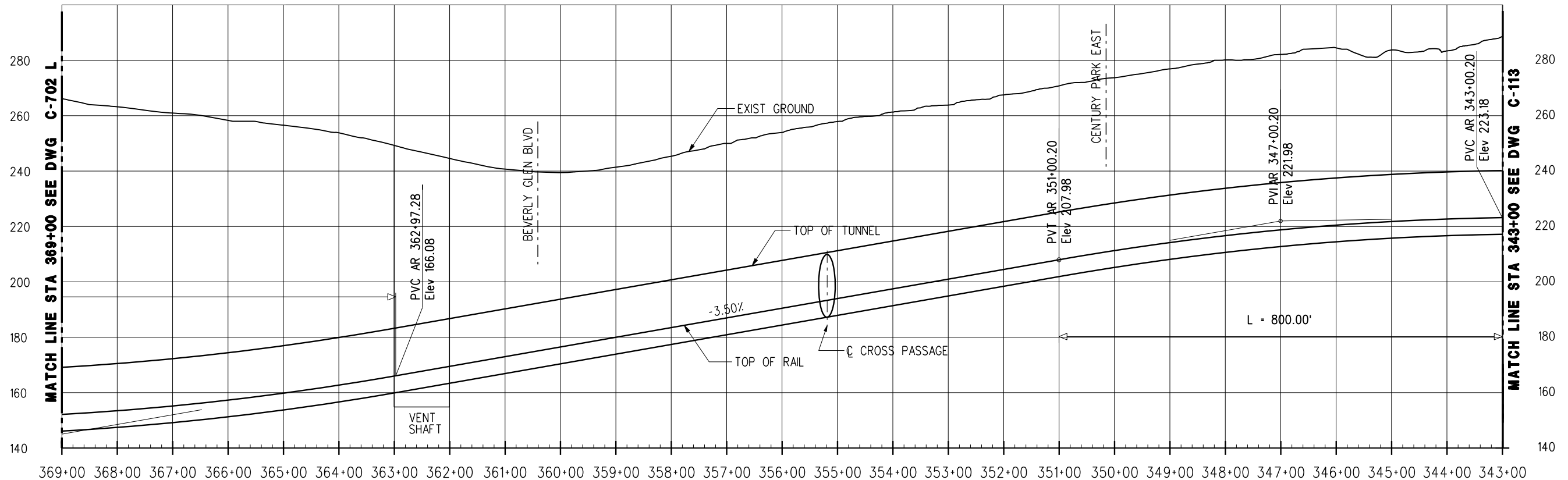
OPTION 4  
CENTURY CITY TO WESTWOOD/UCLA  
OFF STREET VIA CROSS COUNTRY

CONTRACT NO	
DRAWING NO	C-700 L
SCALE	
SHEET NO	



CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Eo	Eu	V mph
1-1070	300'	300'	56° 58' 10"	1400'	1092.02'	7.25"	4.25"	3.00"	50
2-1070	300'	300'	56° 58' 10"	1400'	1092.02'	8.75"	5.75"	3.00"	50

PLAN




PROFILE

OPTION 4: CENTURY CITY SANTA MONICA TO WESTWOOD/UCLA OFF-STREET VIA CENTRAL - SEGMENT L

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

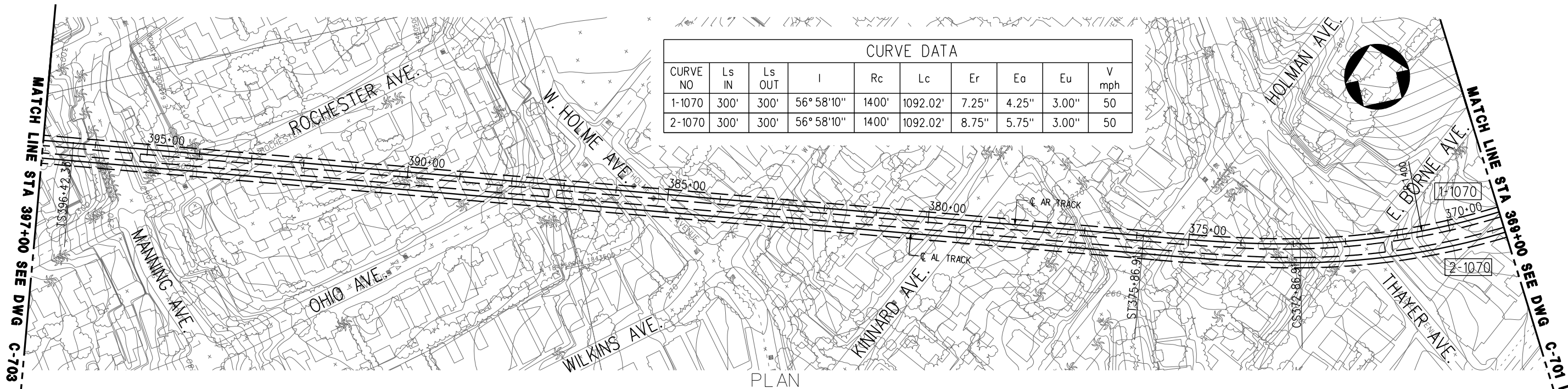
DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010


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

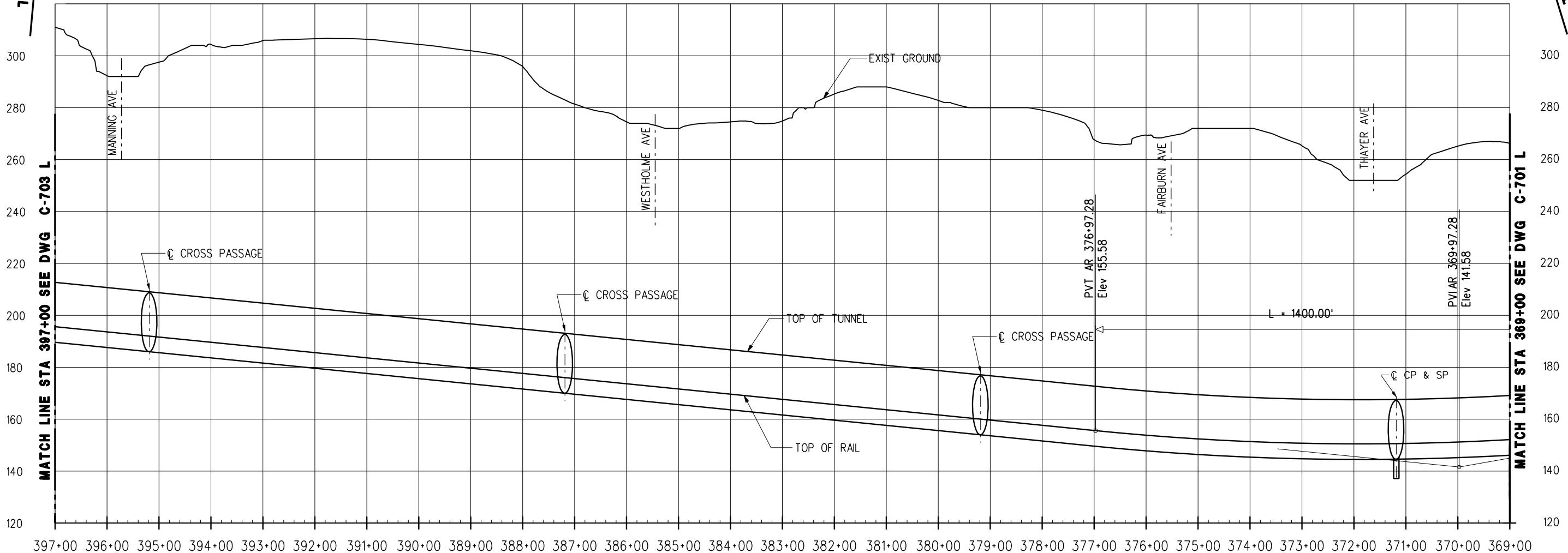
**WESTSIDE SUBWAY EXTENSION**  
**ADV. CONCEPTUAL ENGINEERING**  
 PLAN & PROFILE  
 STATION 343+00 TO 369+00  
 OPTION 4

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

CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1070	300'	300'	56° 58' 10"	1400'	1092.02'	7.25"	4.25"	3.00"	50
2-1070	300'	300'	56° 58' 10"	1400'	1092.02'	8.75"	5.75"	3.00"	50



PLAN




PROFILE

OPTION 4: CENTURY CITY SANTA MONICA TO WESTWOOD/UCLA OFF-STREET VIA CENTRAL - SEGMENT L

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

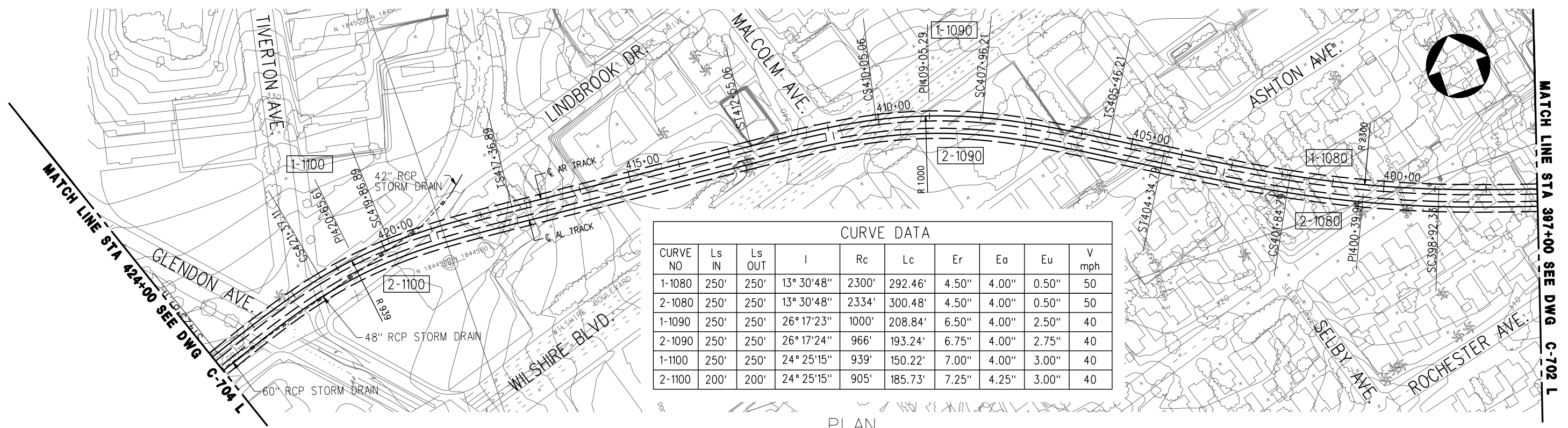
DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010


**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

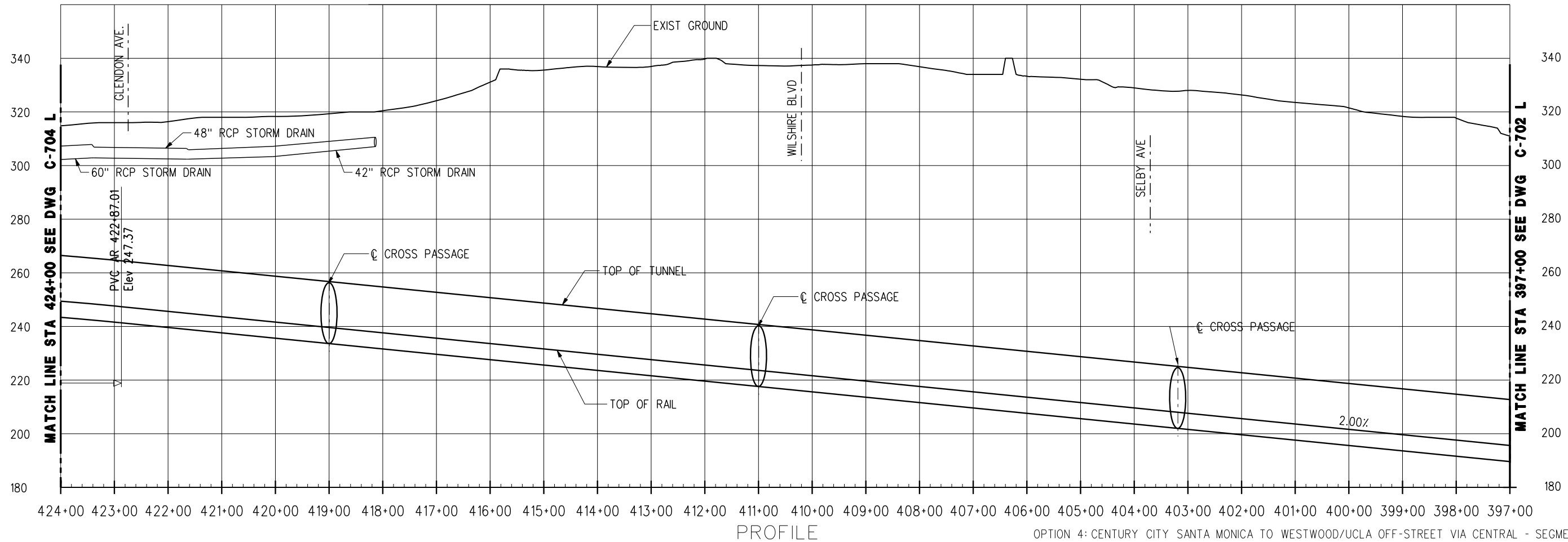
CONTRACT NO	
DRAWING NO	REV
C-702 L	
SCALE	1" = 200'
SHEET NO	





CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Eo	Eu	V mph
1-1080	250'	250'	13° 30' 48"	2300'	292.46'	4.50"	4.00"	0.50"	50
2-1080	250'	250'	13° 30' 48"	2334'	300.48'	4.50"	4.00"	0.50"	50
1-1090	250'	250'	26° 17' 23"	1000'	208.84'	6.50"	4.00"	2.50"	40
2-1090	250'	250'	26° 17' 24"	966'	193.24'	6.75"	4.00"	2.75"	40
1-1100	250'	250'	24° 25' 15"	939'	150.22'	7.00"	4.00"	3.00"	40
2-1100	200'	200'	24° 25' 15"	905'	185.73'	7.25"	4.25"	3.00"	40

PLAN




PROFILE

OPTION 4: CENTURY CITY SANTA MONICA TO WESTWOOD/UCLA OFF-STREET VIA CENTRAL - SEGMENT L

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

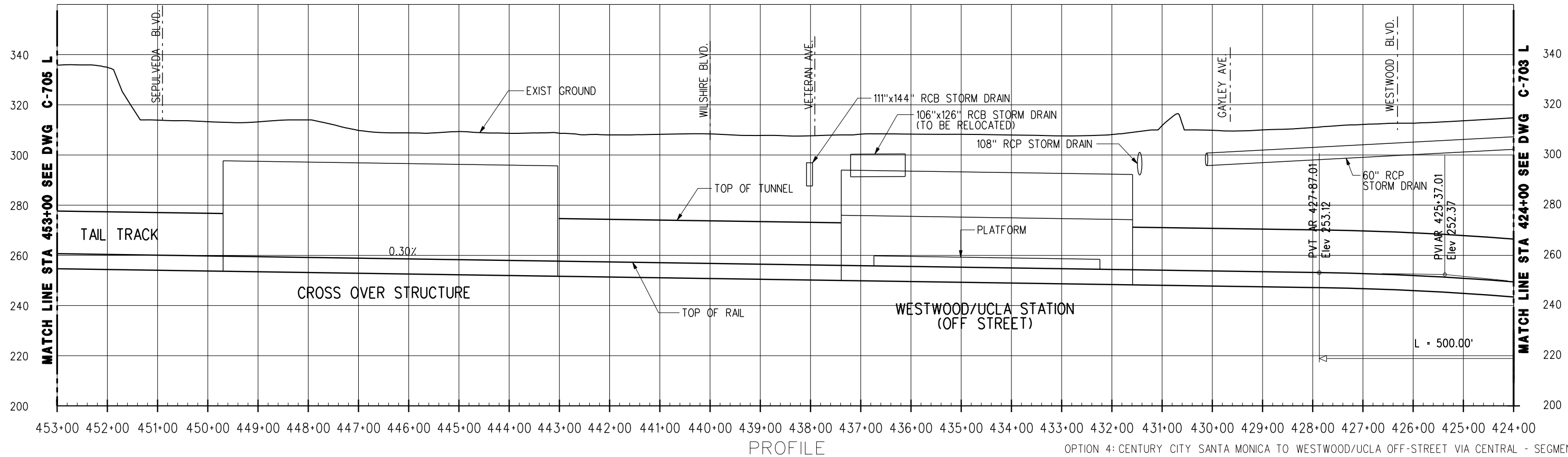
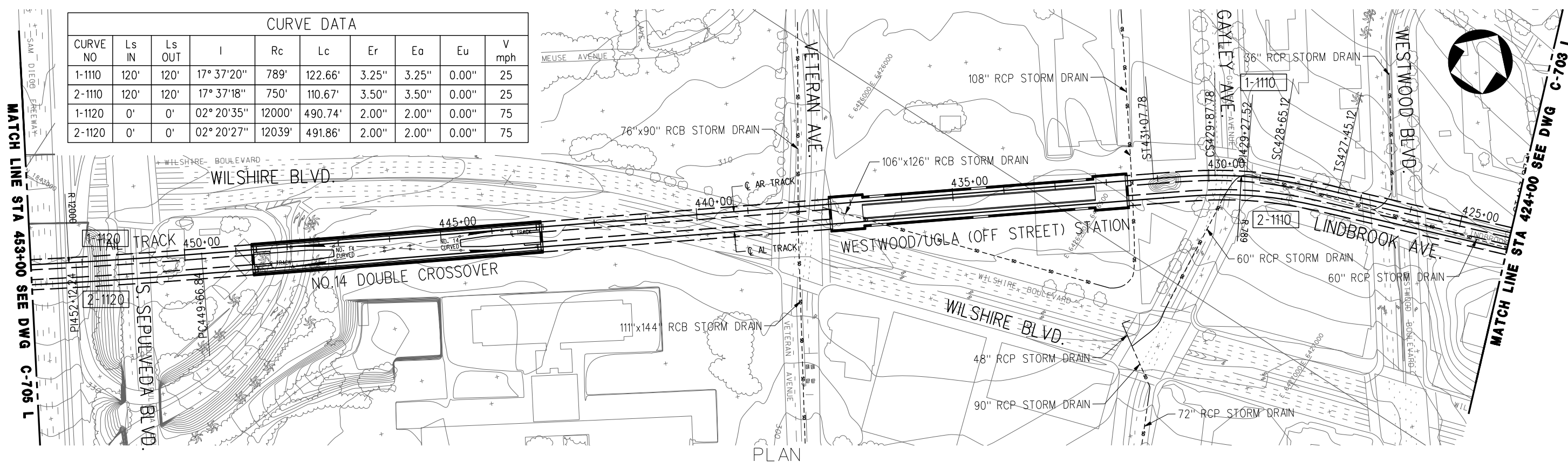
DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010


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

**WESTSIDE SUBWAY EXTENSION**  
**ADV. CONCEPTUAL ENGINEERING**  
 PLAN & PROFILE  
 STATION 397+00 TO 424+00  
 OPTION 4

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

CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	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
1-1120	0'	0'	02° 20' 35"	12000'	490.74'	2.00"	2.00"	0.00"	75
2-1120	0'	0'	02° 20' 27"	12039'	491.86'	2.00"	2.00"	0.00"	75



OPTION 4: CENTURY CITY SANTA MONICA TO WESTWOOD/UCLA OFF-STREET VIA CENTRAL - SEGMENT L

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010

**M** **Metro**

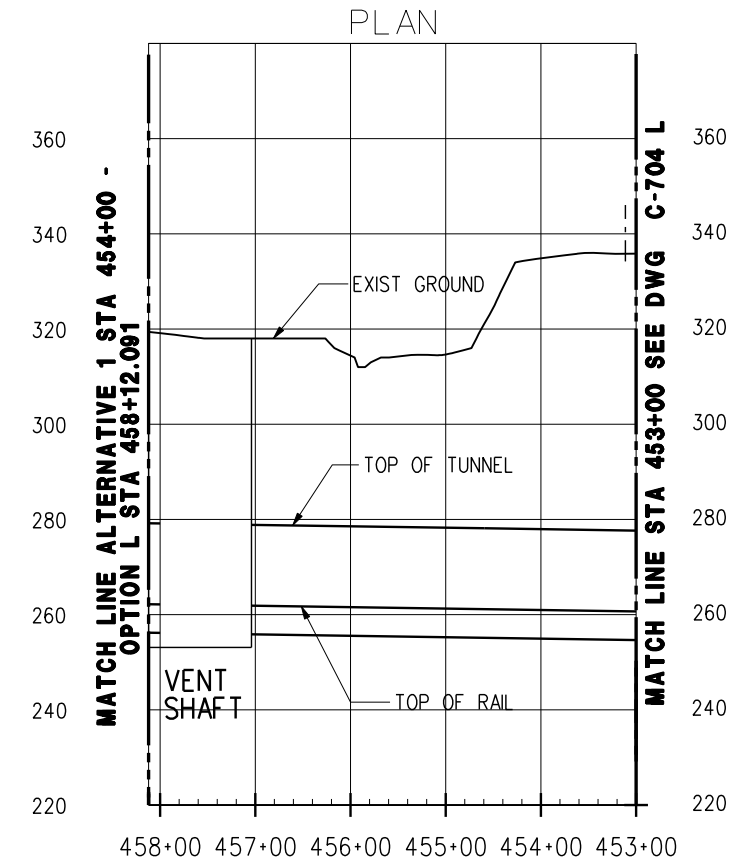
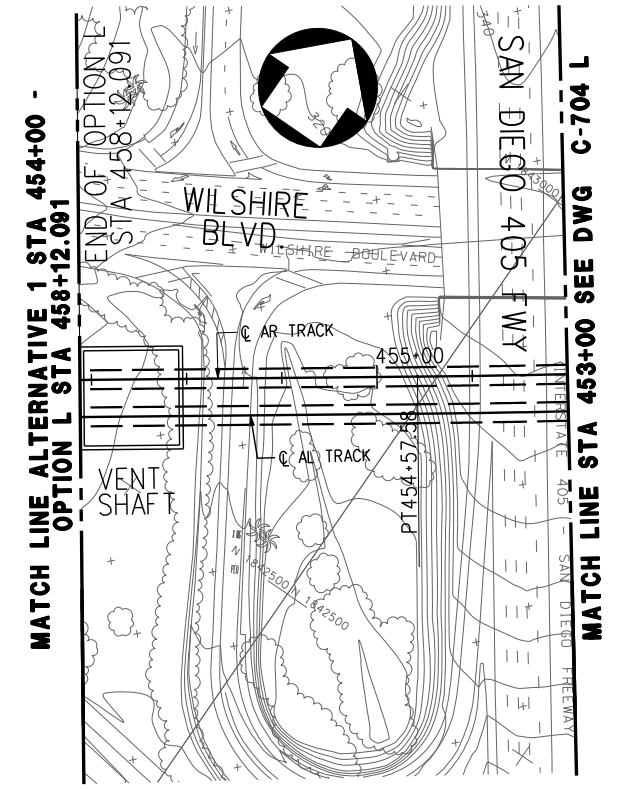
LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY

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

WESTSIDE SUBWAY EXTENSION  
ADV. CONCEPTUAL ENGINEERING

PLAN & PROFILE  
STATION 424+00 TO 453+00  
OPTION 4

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



PROFILE

OPTION 4: CENTURY CITY SANTA MONICA TO WESTWOOD/UCLA OFF-STREET VIA CENTRAL - SEGMENT L

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 \_\_\_\_\_

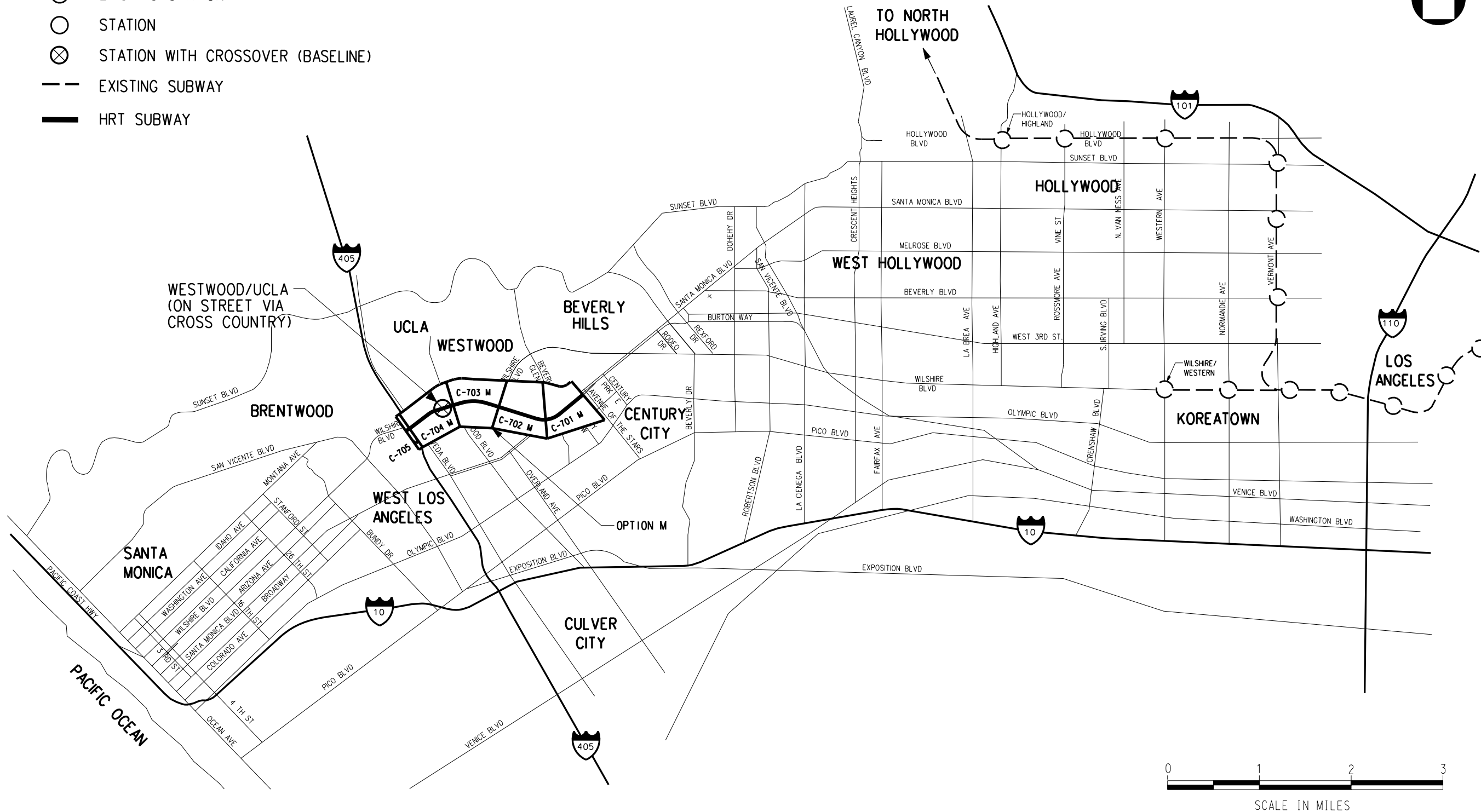
**WESTSIDE SUBWAY EXTENSION  
ADV. CONCEPTUAL ENGINEERING**

PLAN & PROFILE  
STATION 453+00 TO 458+12.091  
OPTION 4

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

**LEGEND**

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



OPTION 4: CENTURY CITY SANTA MONICA TO WESTWOOD/UCLA ON-STREET VIA CENTRAL - SEGMENT M

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010



**Metro**

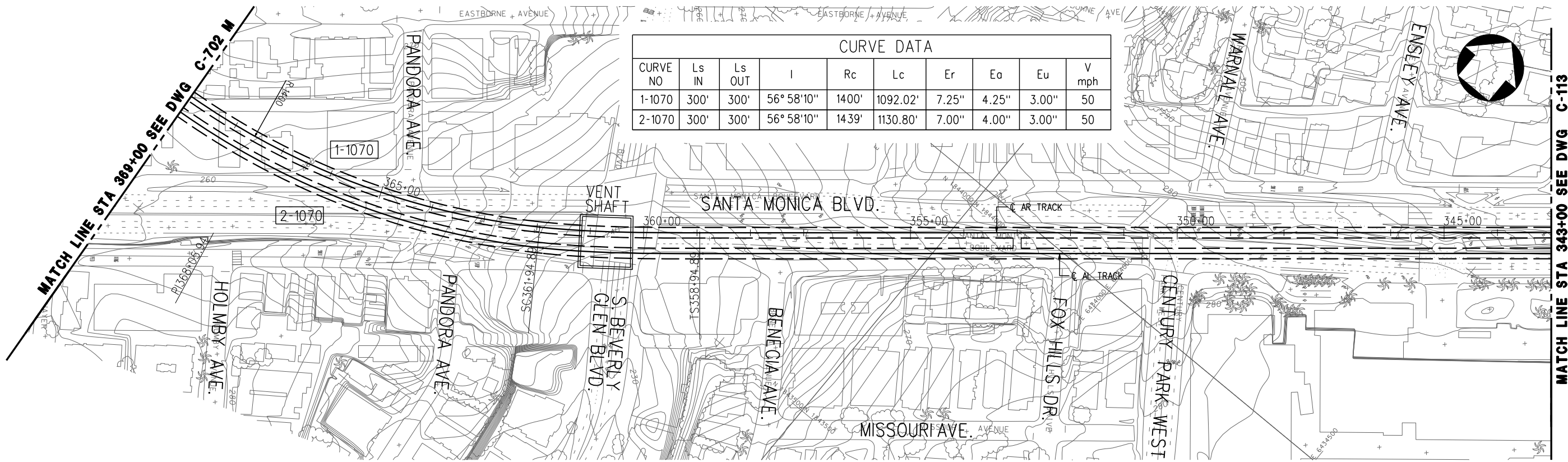
**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**

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

WESTSIDE SUBWAY EXTENSION  
ADV. CONCEPTUAL ENGINEERING

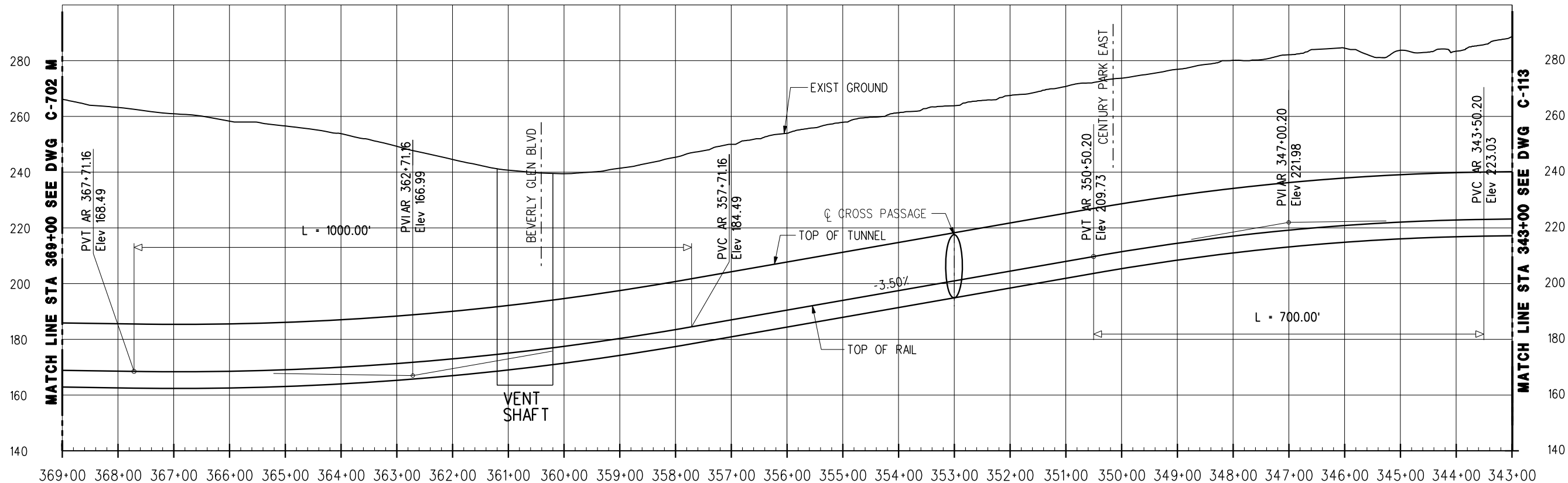
OPTION 4  
CENTURY CITY TO WESTWOOD/UCLA  
ON STREET VIA CROSS COUNTRY

CONTRACT NO	
DRAWING NO	C-700 M
SCALE	
SHEET NO	



CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Eo	Eu	V mph
1-1070	300'	300'	56° 58' 10"	1400'	1092.02'	7.25"	4.25"	3.00"	50
2-1070	300'	300'	56° 58' 10"	1439'	1130.80'	7.00"	4.00"	3.00"	50

PLAN




PROFILE

OPTION 4: CENTURY CITY SANTA MONICA TO WESTWOOD/UCLA ON-STREET VIA CENTRAL - SEGMENT M

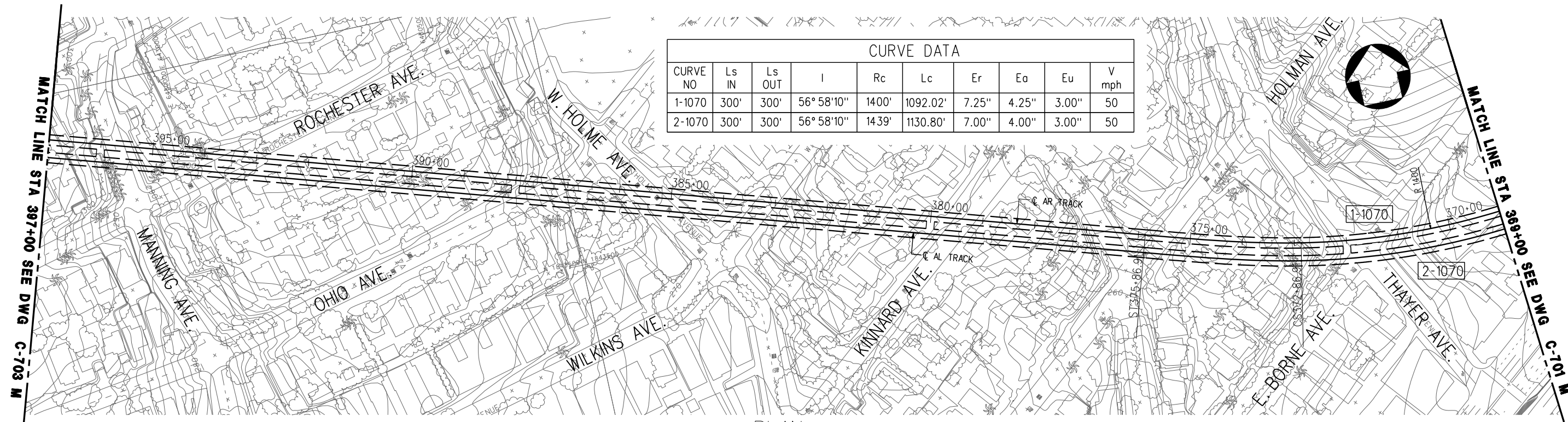
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010

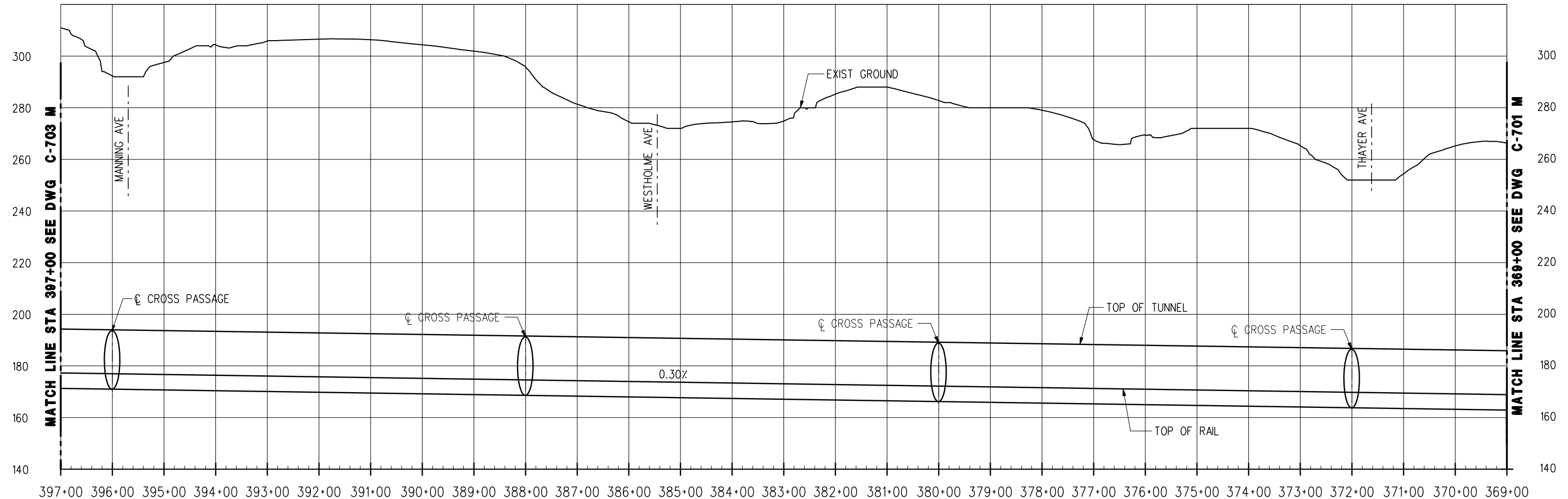

**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**  
 Metro  
 PROJECT MANAGER \_\_\_\_\_

**WESTSIDE SUBWAY EXTENSION**  
**ADV. CONCEPTUAL ENGINEERING**  
 PLAN & PROFILE  
 STATION 343+00 TO 369+00  
 OPTION 4

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



PLAN




PROFILE

OPTION 4: CENTURY CITY SANTA MONICA TO WESTWOOD/UCLA ON-STREET VIA CENTRAL - SEGMENT M

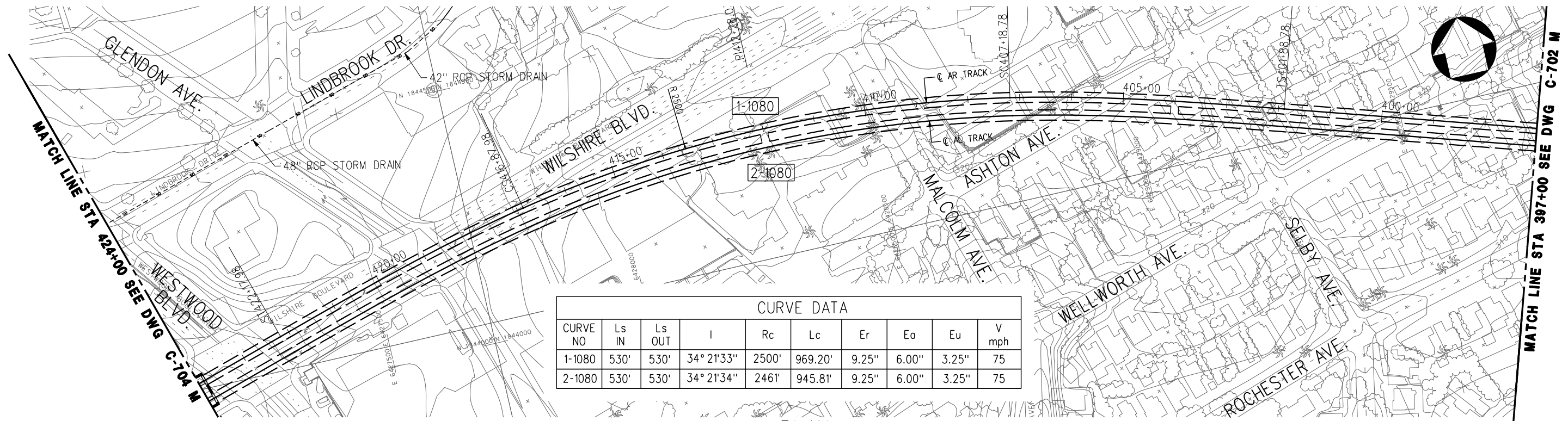
REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010


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

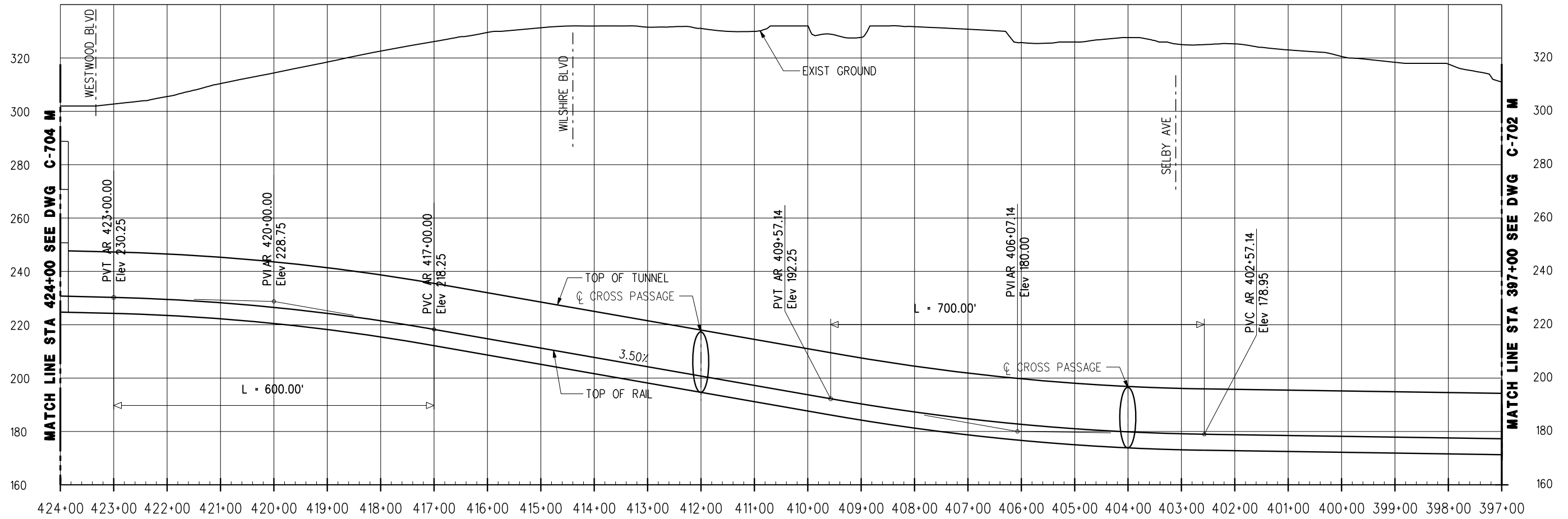
**WESTSIDE SUBWAY EXTENSION**  
**ADV. CONCEPTUAL ENGINEERING**  
 PLAN & PROFILE  
 STATION 369+00 TO 397+00  
 OPTION 4

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



CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1080	530'	530'	34° 21' 33"	2500'	969.20'	9.25"	6.00"	3.25"	75
2-1080	530'	530'	34° 21' 34"	2461'	945.81'	9.25"	6.00"	3.25"	75

PLAN




PROFILE

OPTION 4: CENTURY CITY SANTA MONICA TO WESTWOOD/UCLA ON-STREET VIA CENTRAL - SEGMENT M

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

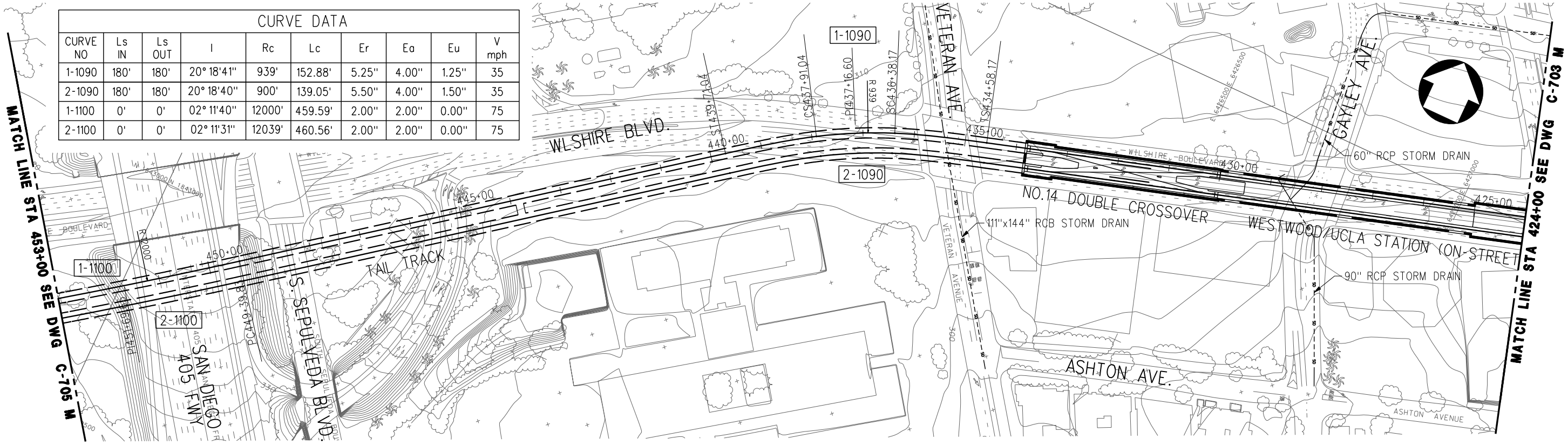
DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010


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

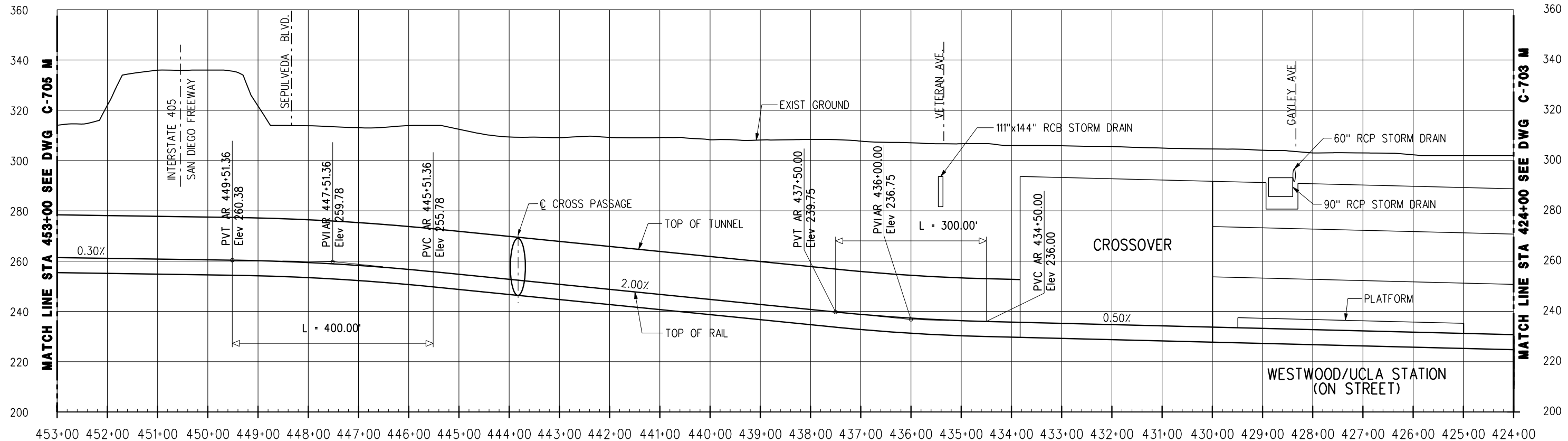
**WESTSIDE SUBWAY EXTENSION**  
 ADV. CONCEPTUAL ENGINEERING  
 PLAN & PROFILE  
 STATION 397+00 TO 424+00  
 OPTION 4

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

CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
1-1090	180'	180'	20° 18' 41"	939'	152.88'	5.25"	4.00"	1.25"	35
2-1090	180'	180'	20° 18' 40"	900'	139.05'	5.50"	4.00"	1.50"	35
1-1100	0'	0'	02° 11' 40"	12000'	459.59'	2.00"	2.00"	0.00"	75
2-1100	0'	0'	02° 11' 31"	12039'	460.56'	2.00"	2.00"	0.00"	75



PLAN




PROFILE

OPTION 4: CENTURY CITY SANTA MONICA TO WESTWOOD/UCLA ON-STREET VIA CENTRAL - SEGMENT M

REV	DATE	BY	APP	REG NO	EXPIRES	SEAL HOLDER	DESCRIPTION

DESIGNED BY	
DRAWN BY	
CHECKED BY	
IN CHARGE	
DATE	JULY 2010

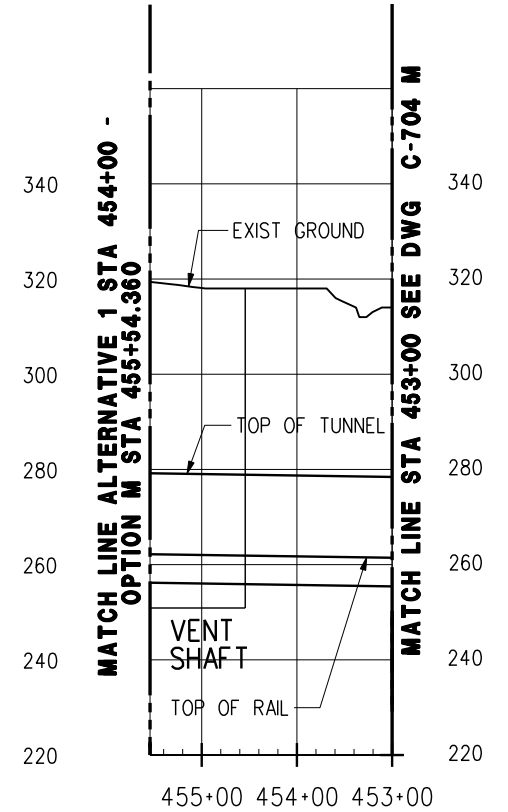
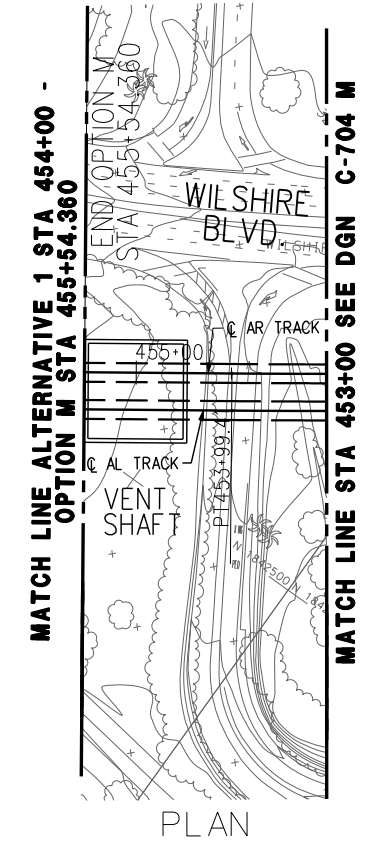
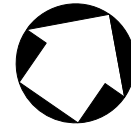

**LOS ANGELES COUNTY METROPOLITAN TRANSPORTATION AUTHORITY**  
 Metro  
 PROJECT MANAGER \_\_\_\_\_

**WESTSIDE SUBWAY EXTENSION**  
**ADV. CONCEPTUAL ENGINEERING**  
 PLAN & PROFILE  
 STATION 424+00 TO 453+00  
 OPTION 4

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

User Name: USER-rdrig@sd3/2010 11:28:48 AM File Name: T:\27940A-WestsideExtension\ACE\CADD\sheet\Civil\Option M - StaMonica to UCLA OnST via Cross Country\C-704 M.plg





OPTION 4: CENTURY CITY SANTA MONICA TO WESTWOOD/UCLA ON-STREET VIA CENTRAL - SEGMENT M

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 455+54.360  
OPTION 4

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