

CURVE DATA

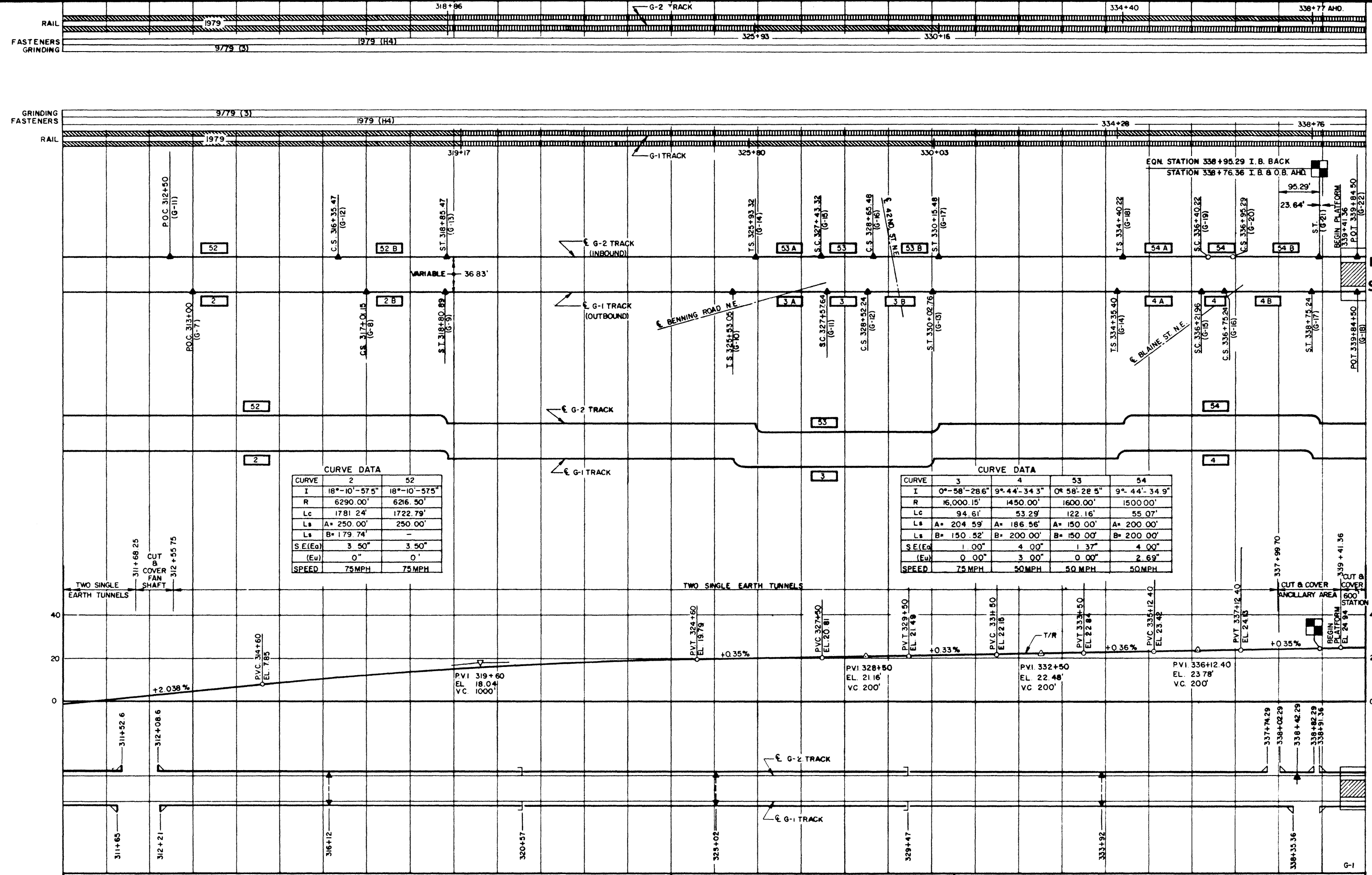
CURVE	500
I	3°-49'-06"
R	2250.00'
Lc	49.95'
Ls	100.00'
SE (Ea)	2"
Eu	150'
SPEED	45 MPH

CURVE DATA

CURVE	2	52
I	18°-10'-57"	18°-10'-57"
R	6290.00'	6216.50'
Lc	17'	1722.79'
Ls	A=250.00'	A=250.00'
Ls	B=250.00'	B=250.00'
SE (Ea)	3 1/2"	3 1/2"
Eu	0'	0'
SPEED	75 MPH	75 MPH

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
10/30/81	M.R.M.	REV 0 INITIAL ISSUE			
10/00	R.J.H.	REV 1 REVISED & REDRAWN			

TRACTION POWER AND TRAIN CONTROL DATA | **PROFILE** | **TYPE OF STRUCTURE** | **ALIGNMENT DATA** | **GENERAL INFORMATION** | **MAINTENANCE RECORD**



CURVE DATA

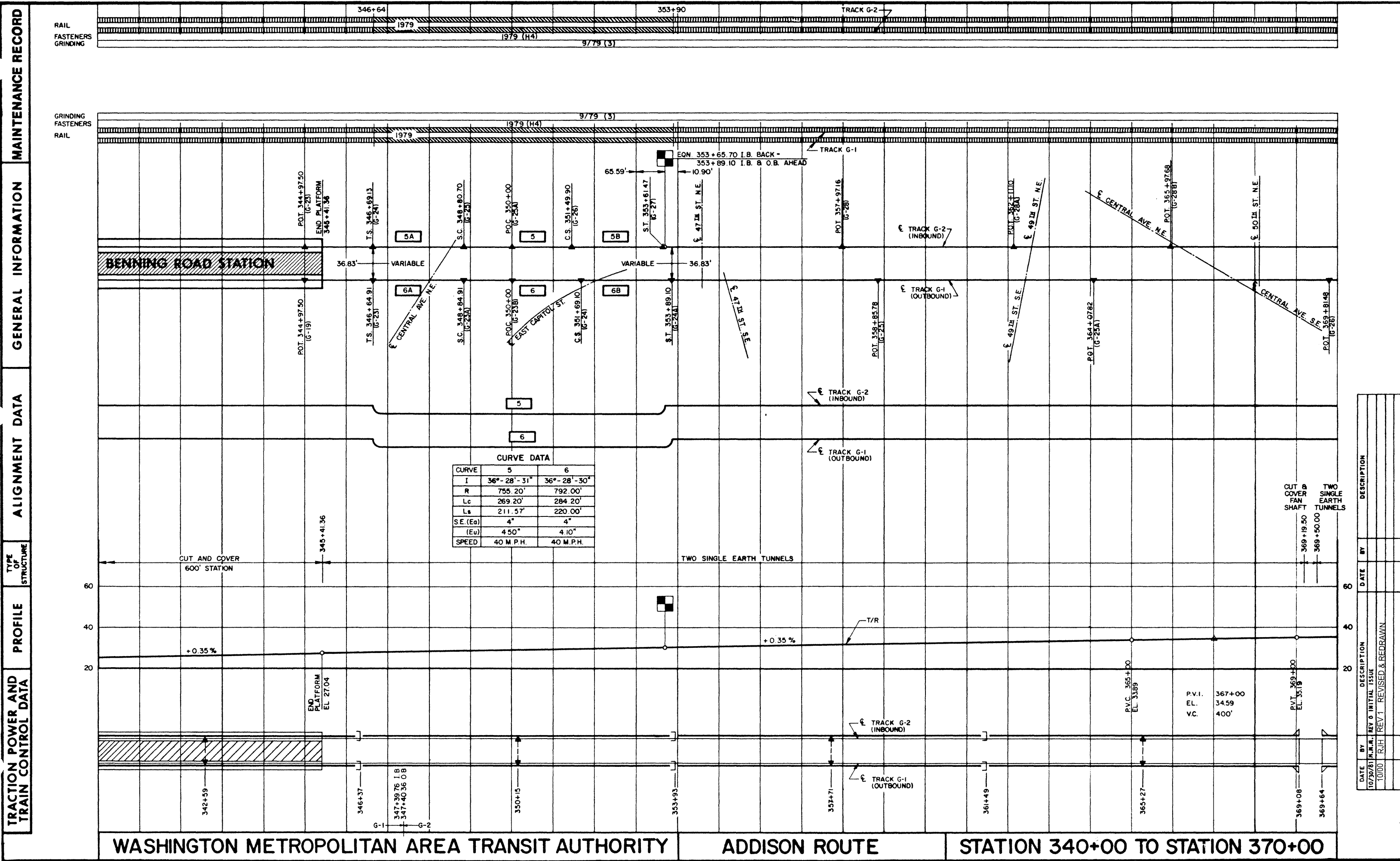
CURVE	2	52
I	18°-10'-57.5"	18°-10'-57.5"
R	6290.00'	6216.50'
Lc	1781.24'	1722.79'
Ls	A= 250.00'	250.00'
Ls	B= 179.74'	-
S E (Ea)	3.50"	3.50"
(Eu)	0"	0"
SPEED	75 MPH	75 MPH

CURVE DATA

CURVE	3	4	53	54
I	0°-58'-28.6"	9°-44'-34.3"	0°-58'-28.5"	9°-44'-34.9"
R	16,000.15'	1450.00'	1600.00'	1500.00'
Lc	94.61'	53.29'	122.16'	55.07'
Ls	A= 204.59'	A= 186.56'	A= 150.00'	A= 200.00'
Ls	B= 150.52'	B= 200.00'	B= 150.00'	B= 200.00'
S E (Ea)	1.00"	4.00"	1.37"	4.00"
(Eu)	0.00"	3.00"	0.00"	2.69"
SPEED	75 MPH	50 MPH	50 MPH	50 MPH

DATE	BY	DESCRIPTION
10/30/83	M.L.R.	REV 0 INITIAL ISSUE
10/00	R.J.H.	REV 1 REVISED & REDRAWN

BENNING ROAD STATION



CURVE DATA

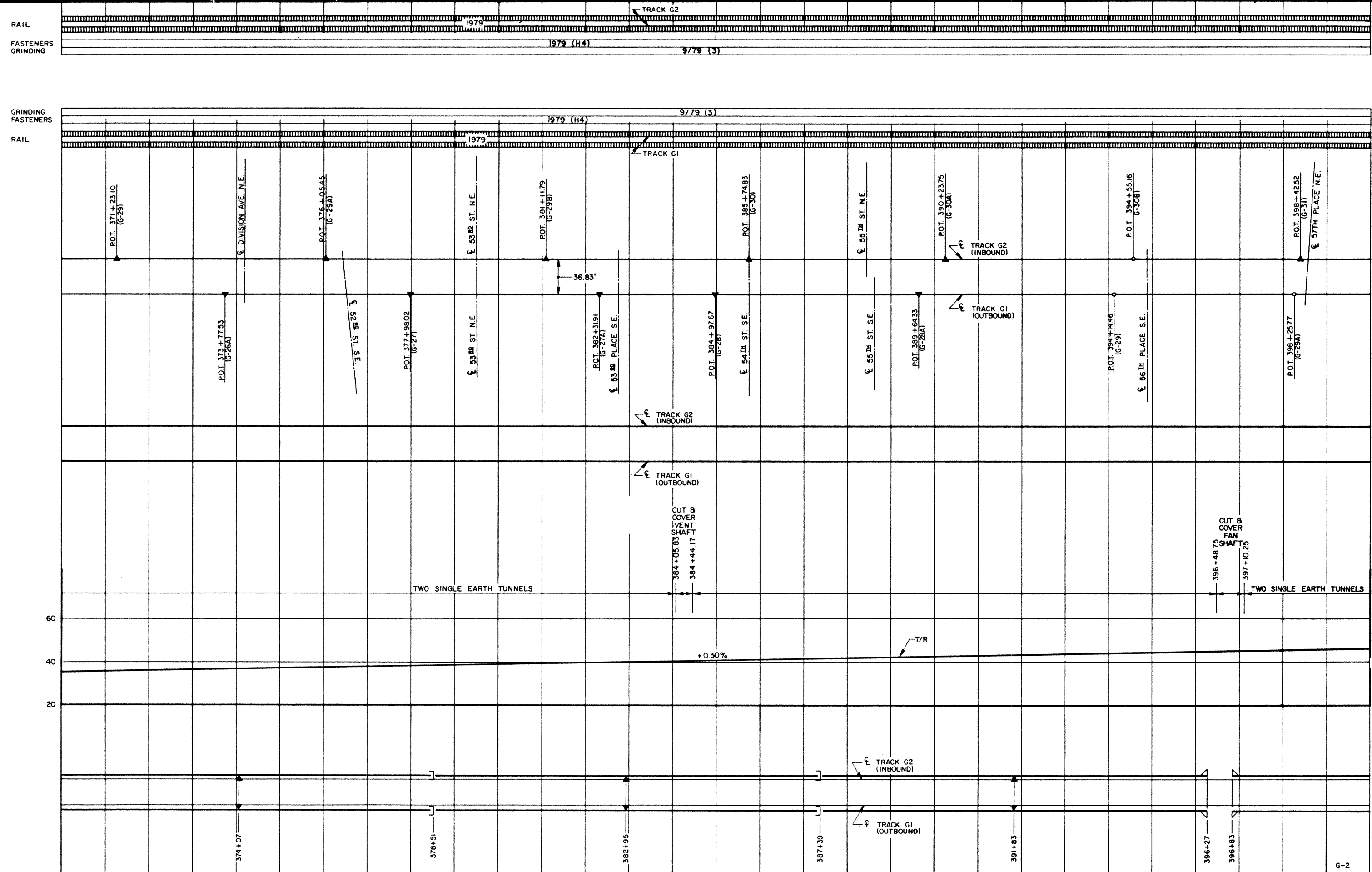
CURVE	5	6
I	36°-28'-31"	36°-28'-30"
R	755.20'	792.00'
Lc	269.20'	284.20'
Ls	211.57'	220.00'
S.E. (Ea)	4"	4"
(Ev)	4.50"	4.10"
SPEED	40 M.P.H.	40 M.P.H.

TRACTION POWER AND TRAIN CONTROL DATA
PROFILE
ALIGNMENT DATA
GENERAL INFORMATION
MAINTENANCE RECORD

DATE	BY	DESCRIPTION
10/20/81	R.J.H.	REV 0 INITIAL ISSUE
10/00	R.J.H.	REV 1 REVISED & REDRAWN

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
ADDISON ROUTE
STATION 340+00 TO STATION 370+00

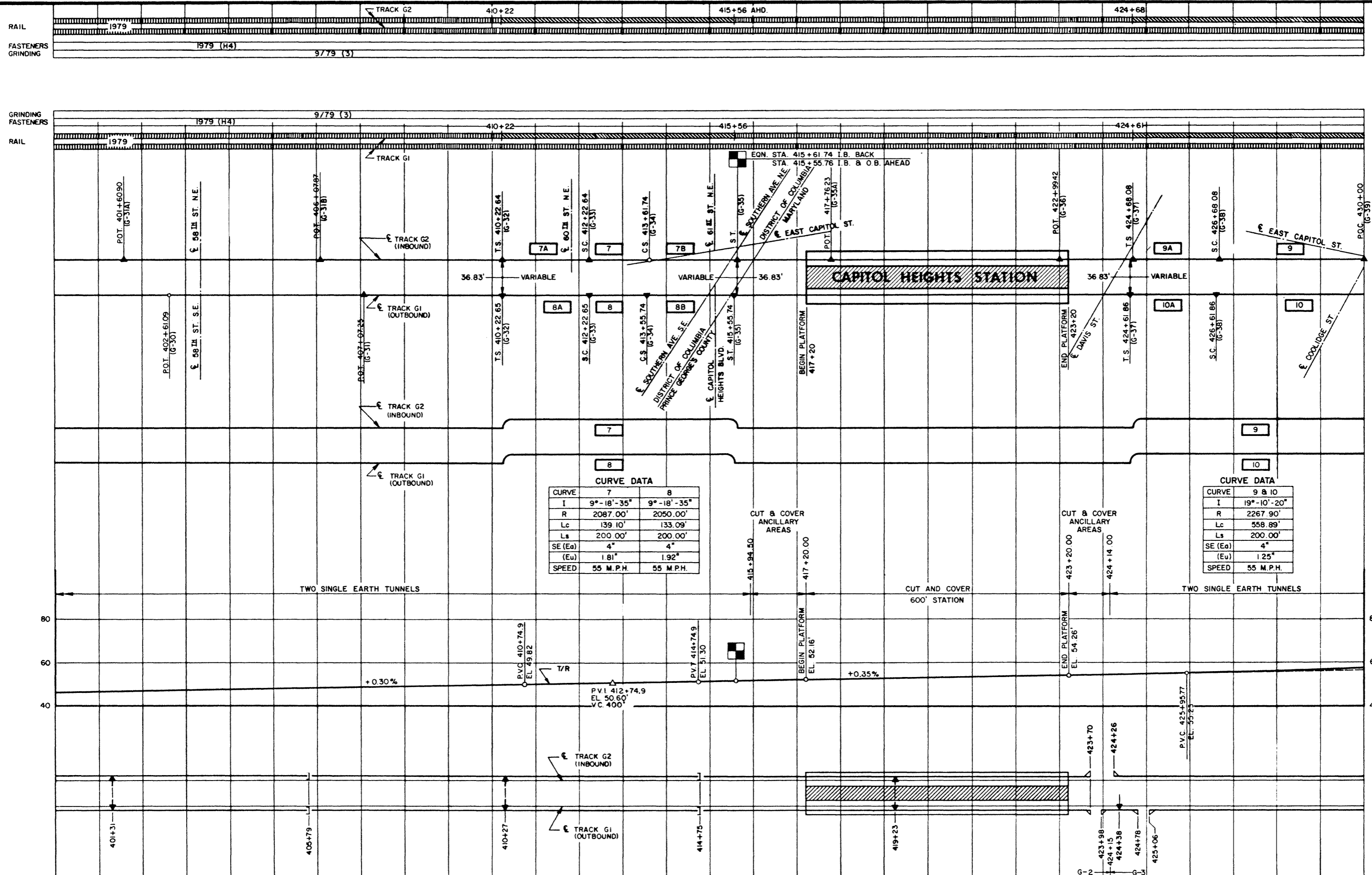
TRACTION POWER AND TRAIN CONTROL DATA PROFILE TYPE OF STRUCTURE ALIGNMENT DATA GENERAL INFORMATION MAINTENANCE RECORD



DATE	BY	DESCRIPTION
10/30/81	M.L.M.	REV. 0 INITIAL ISSUE
10/00	R.J.H.	REV. 1 REVISED & REDRAWN

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY ADDISON ROUTE STATION 370+00 TO STATION 400+00

TRACTION POWER AND TRAIN CONTROL DATA
 PROFILE
 TYPE OF STRUCTURE
 ALIGNMENT DATA
 GENERAL INFORMATION
 MAINTENANCE RECORD



DATE	BY	DESCRIPTION
10/30/81	M.R.H.	REV 0 INITIAL ISSUE
10/00	TRJH	REV 1 REVISED & REDRAWN

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY ADDISON ROUTE STATION 400+00 TO STATION 430+00

MAINTENANCE RECORD

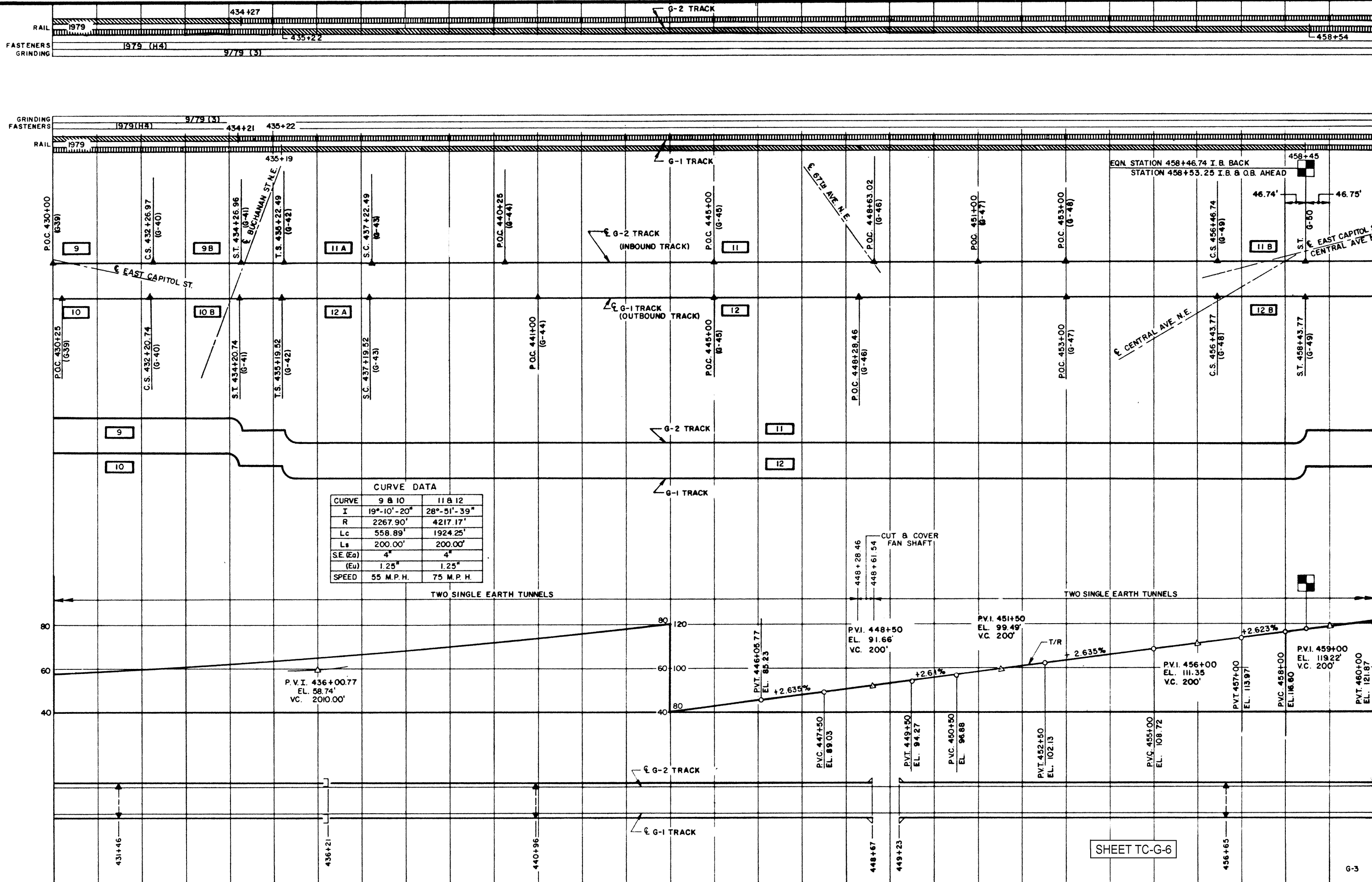
GENERAL INFORMATION

ALIGNMENT DATA

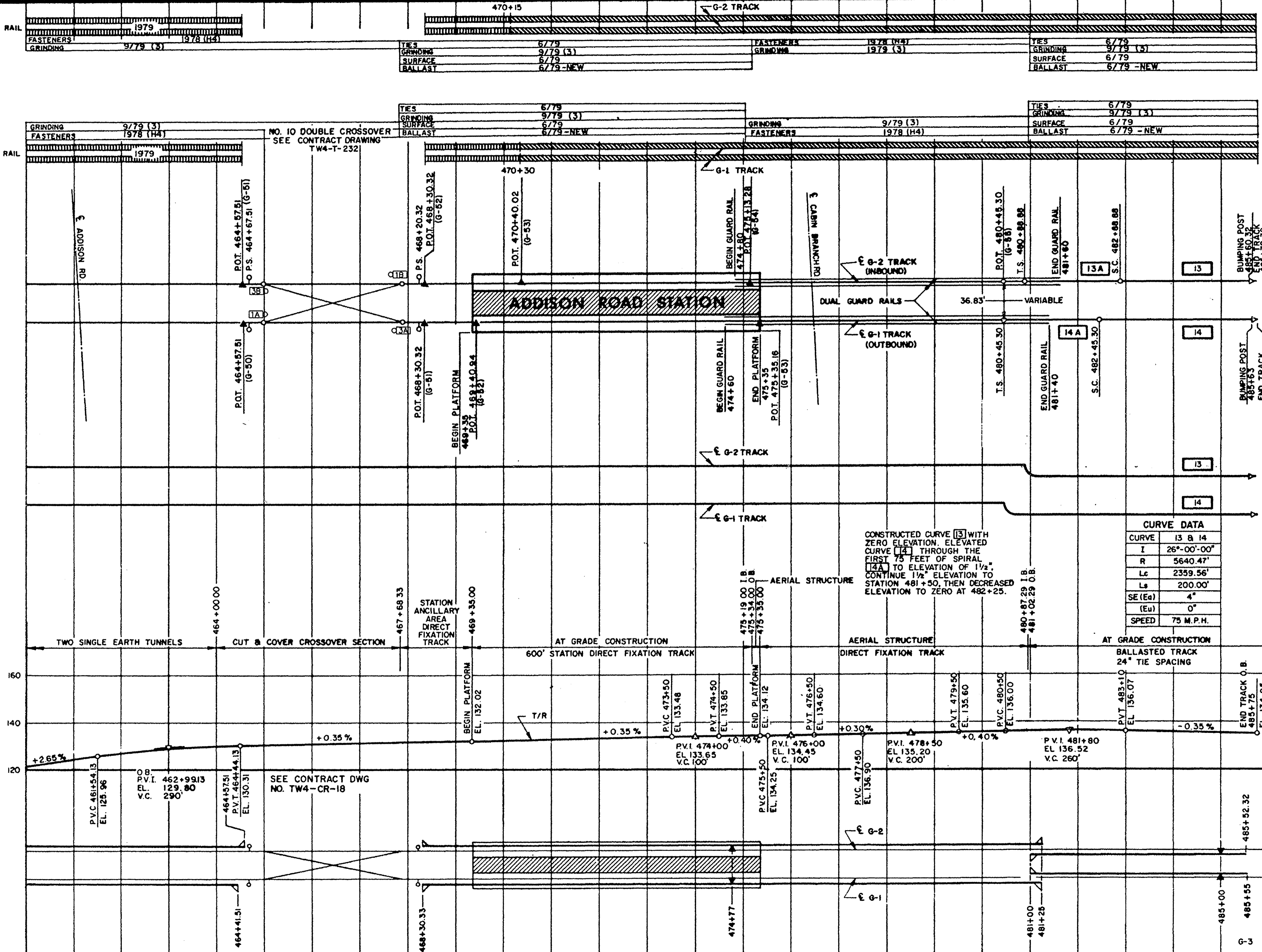
TYPE OF STRUCTURE

PROFILE

TRACTION POWER AND TRAIN CONTROL DATA



DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
10/30/81	M.R.R.	REV 0 INITIAL ISSUE			
10/00	RJH	REV 1 REVISED & REDRAWN			

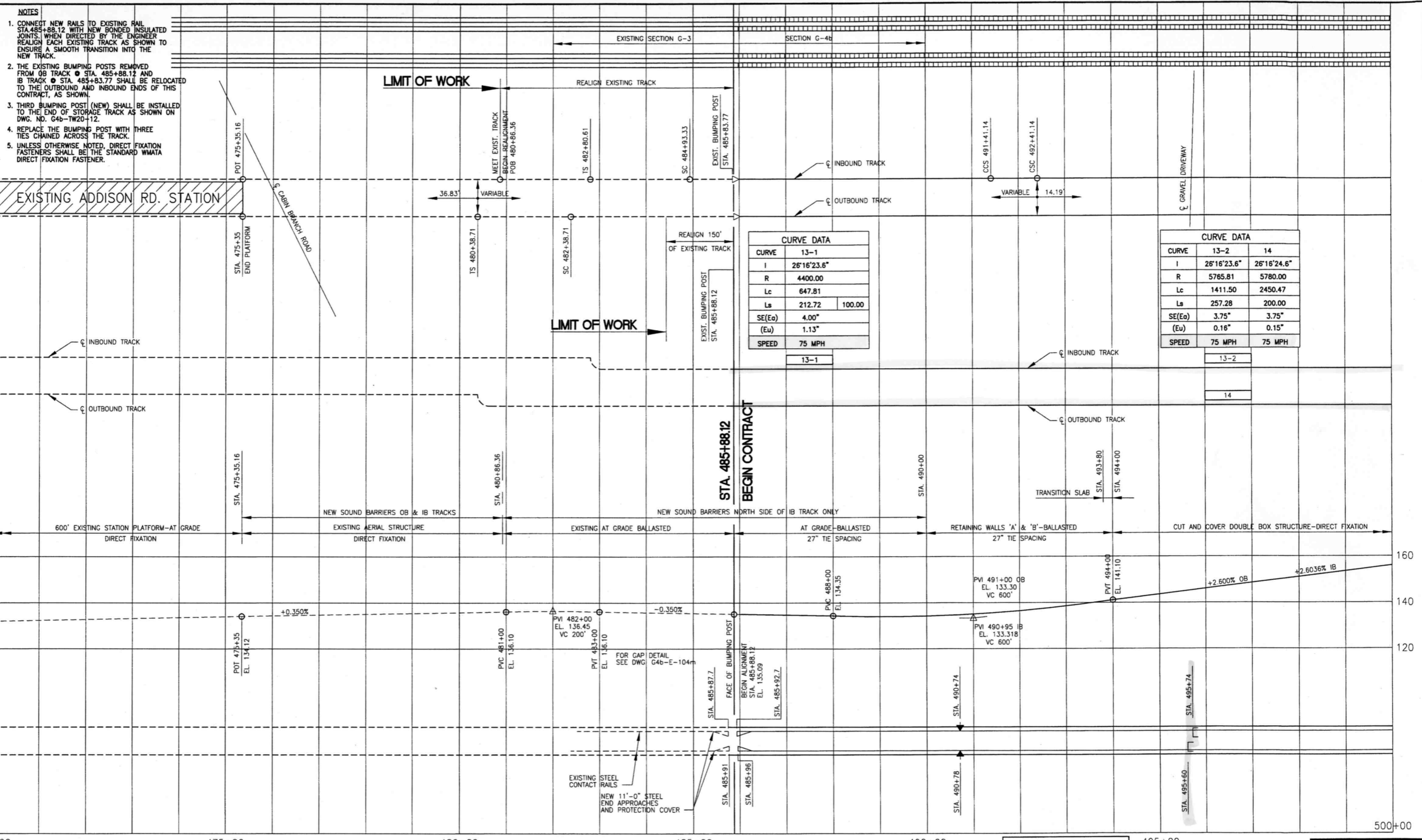


CONSTRUCTED CURVE [13] WITH ZERO ELEVATION. ELEVATED CURVE [14] THROUGH THE FIRST 75 FEET OF SPIRAL [14A] TO ELEVATION OF 1 1/2". CONTINUE 1/2" ELEVATION TO STATION 481+50, THEN DECREASED ELEVATION TO ZERO AT 482+25.

CURVE DATA	
CURVE	13 & 14
I	26°-00'-00"
R	5640.47'
Lc	2359.56'
Ls	200.00'
SE (Ea)	4"
(Eu)	0"
SPEED	75 M.P.H.

DATE	BY	DESCRIPTION	DATE	BY	DESCRIPTION
10/20/81	M.M.H.	REV 0 INITIAL ISSUE			
10/00	RJH	REV 1 REVISED & REDRAWN			

03/21/2012 10:02:33:54 PM J:\D2\5604\H25000\02_DM.DWG
 TRACTION POWER & TRAIN CONTROL DATA
 PROFILE
 STRUCT. TYPE
 ALIGNMENT DATA
 GENERAL INFORMATION
 TYPE OF RAIL



470+00 475+00 480+00 485+00 490+00 495+00 500+00

MANDATORY
CONTRACT NO.
1G0042

DESIGNED	D.J. PUMHIRUN	3-01	REFERENCE DRAWINGS		REVISIONS		
			NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
DRAWN	D. MCCALL	3-01					
CHECKED	G. SKORUPSKI	3-01					
APPROVED	G. SKORUPSKI	3-01					

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

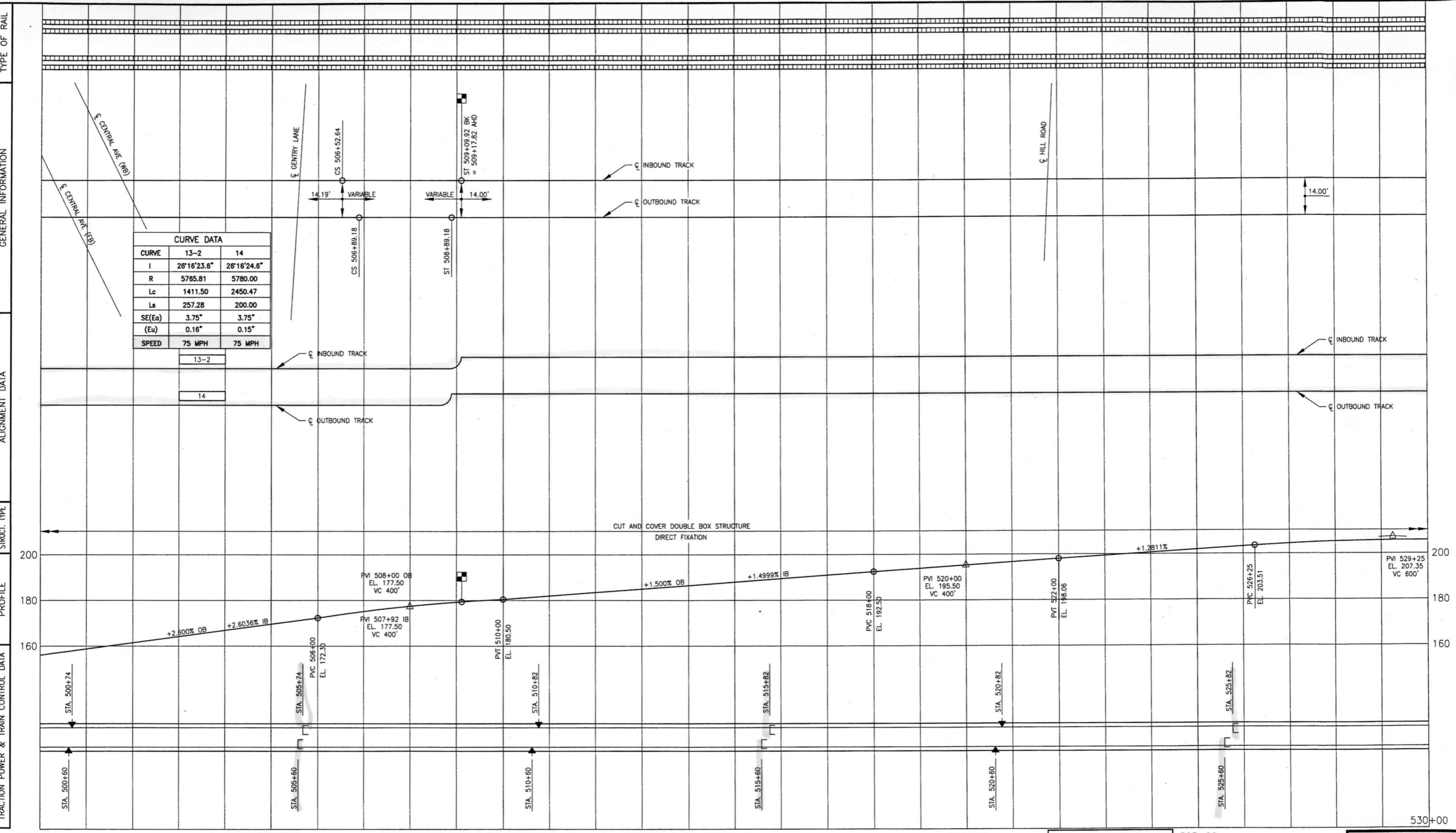
CAPITAL TRANSIT CONSULTANTS
 SECTION DESIGNER

SUBMITTED PROJECT MANAGER

ADDISON ROUTE
LINE, TRACKWORK AND SYSTEMS
TRACK CHART
STA. 485+88.12 TO STA. 500+00

SCALE: NONE DRAWING NO.: G4b-TW20-6m PROJECT NO.: M1071-XXX

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 TRACTION POWER & TRAIN CONTROL DATA
 PROFILE
 STRUCT. TYPE
 ALIGNMENT DATA
 GENERAL INFORMATION
 TYPE OF RAIL




CURVE DATA		
CURVE	13-2	14
I	26°16'23.6"	26°16'24.6"
R	5785.81	5780.00
Lc	1411.50	2450.47
Ls	257.28	200.00
SE(Eo)	3.75"	3.75"
(Eu)	0.16"	0.15"
SPEED	75 MPH	75 MPH

13-2
14

500+00 505+00 510+00 515+00 520+00 **MANDATORY** 525+00 530+00 CONTRACT NO. 1G0042

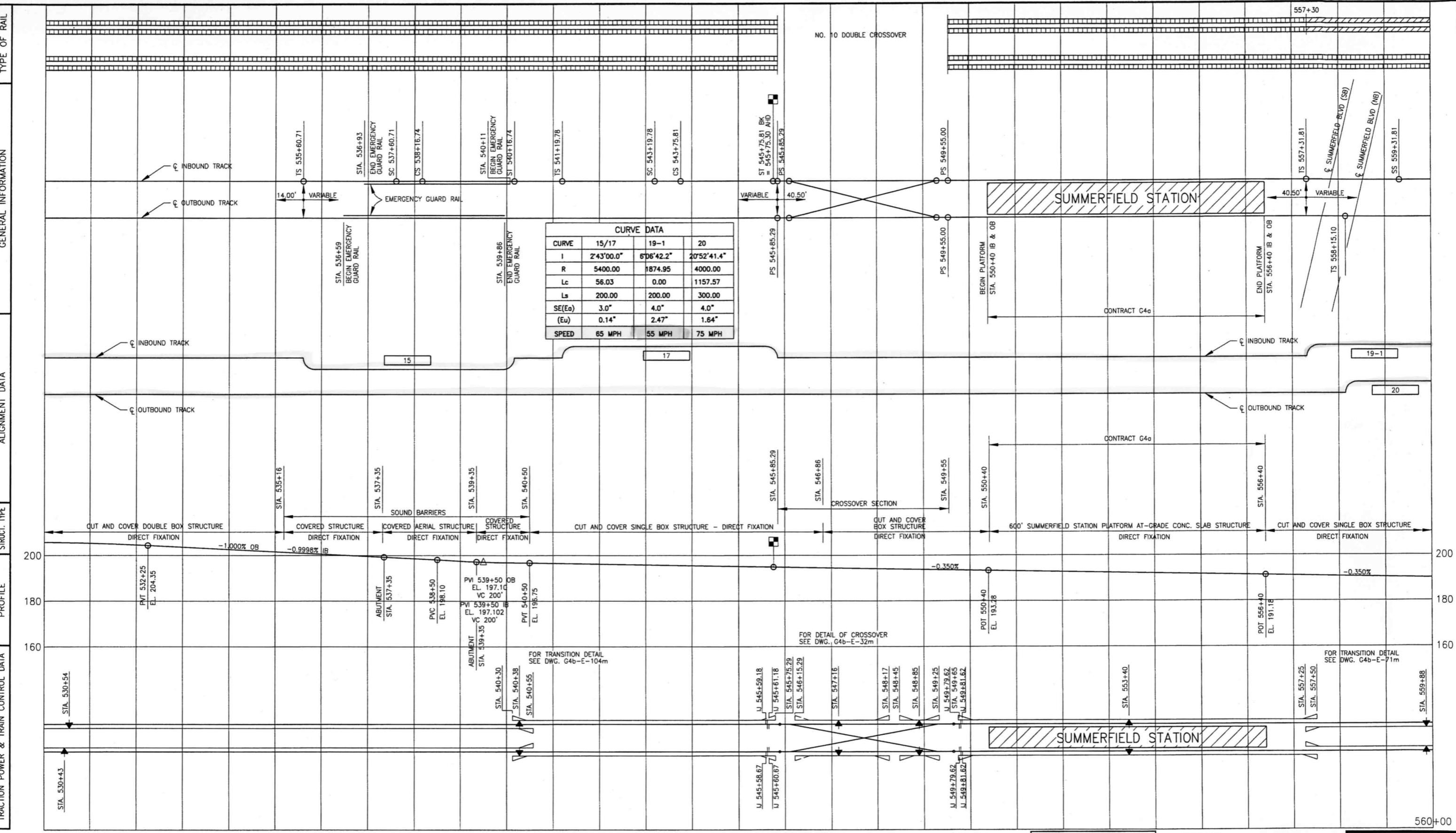
DESIGNED	D.J. PUMHIRUN	3-01	REFERENCE DRAWINGS		REVISIONS		
			NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
DRAWN	D. MCCALL	3-01					
CHECKED	G. SKORUPSKI	3-01					
APPROVED	G. SKORUPSKI	3-01					

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY

 CAPITAL TRANSIT CONSULTANTS
 SECTION DESIGNER
 SUBMITTED PROJECT MANAGER

ADDISON ROUTE
LINE, TRACKWORK AND SYSTEMS
TRACK CHART
STA. 500+00 TO STA. 530+00

SCALE: NONE
 DRAWING NO.: G4b-TW20-7m
 M1071-XXX

Ch2-54b-20-TW20-8m-101-02-30-52 PM 11/22/2014 11:25:00 AM 11/22/2014 11:25:00 AM 11/22/2014 11:25:00 AM 11/22/2014 11:25:00 AM



530+00 535+00 540+00 545+00 SUMMERFIELD TRACTION POWER SUBSTATION 550+00 555+00 560+00

DESIGNED	DATE	REFERENCE DRAWINGS		REVISIONS		
		NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
D. J. PUMHIRUN	3-01					
D. MCCALL	3-01					
G. SKORUPSKI	3-01					
G. SKORUPSKI	3-01					

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 CAPITAL TRANSIT CONSULTANTS
 SECTION DESIGNER

SUBMITTED PROJECT MANAGER

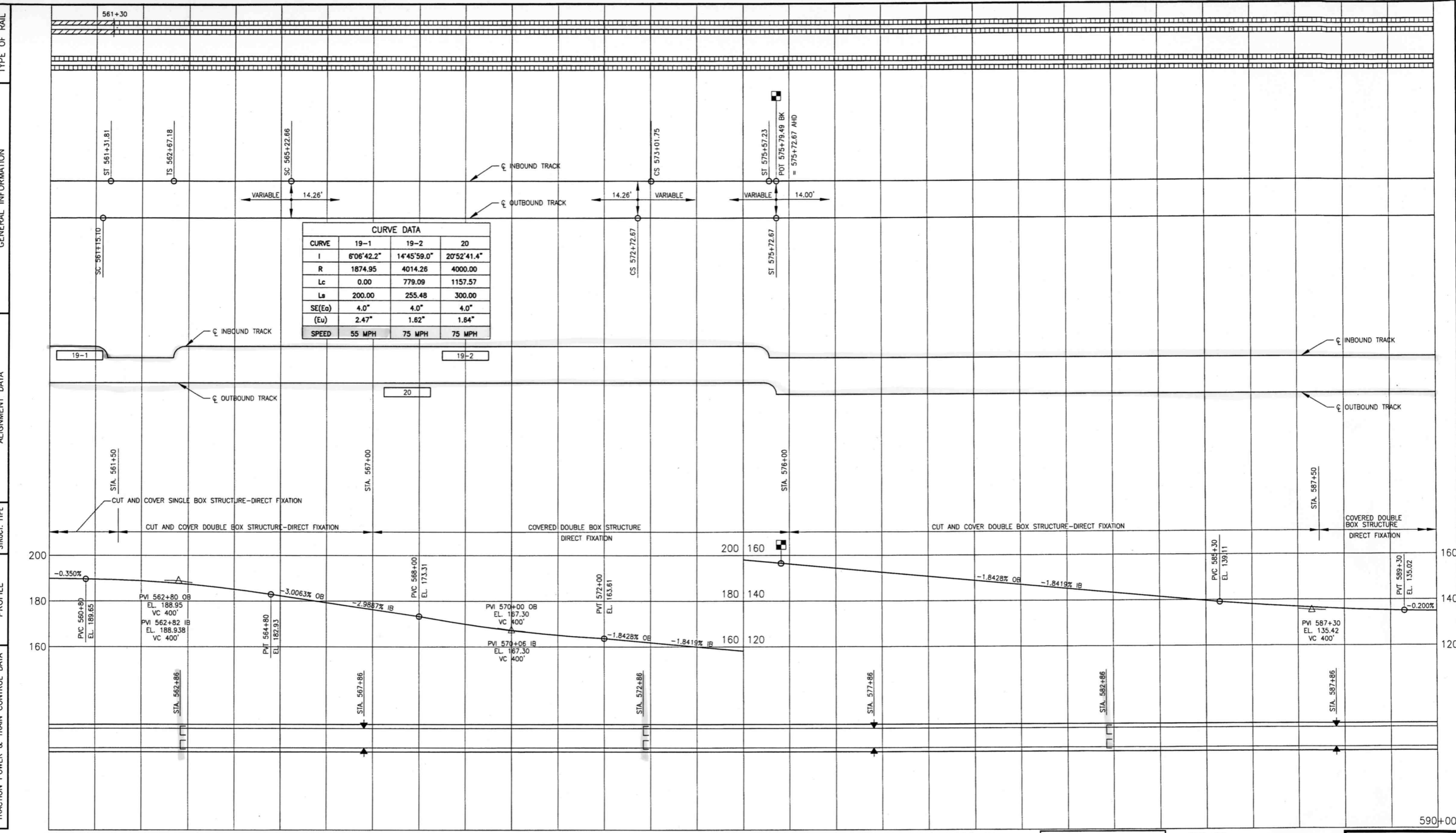
MANDATORY

CONTRACT NO. 1G0042

**ADDISON ROUTE
 LINE, TRACKWORK AND SYSTEMS
 TRACK CHART
 STA. 530+00 TO STA. 560+00**

SCALE NONE DRAWING NO. G4b-TW20-8m M1071-XXX

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 TRACTION POWER & TRAIN CONTROL DATA
 TYPE OF RAIL
 GENERAL INFORMATION
 ALIGNMENT DATA
 STRUCT. TYPE
 PROFILE
 CONTROL DATA



MANDATORY CONTRACT NO. 1G0042

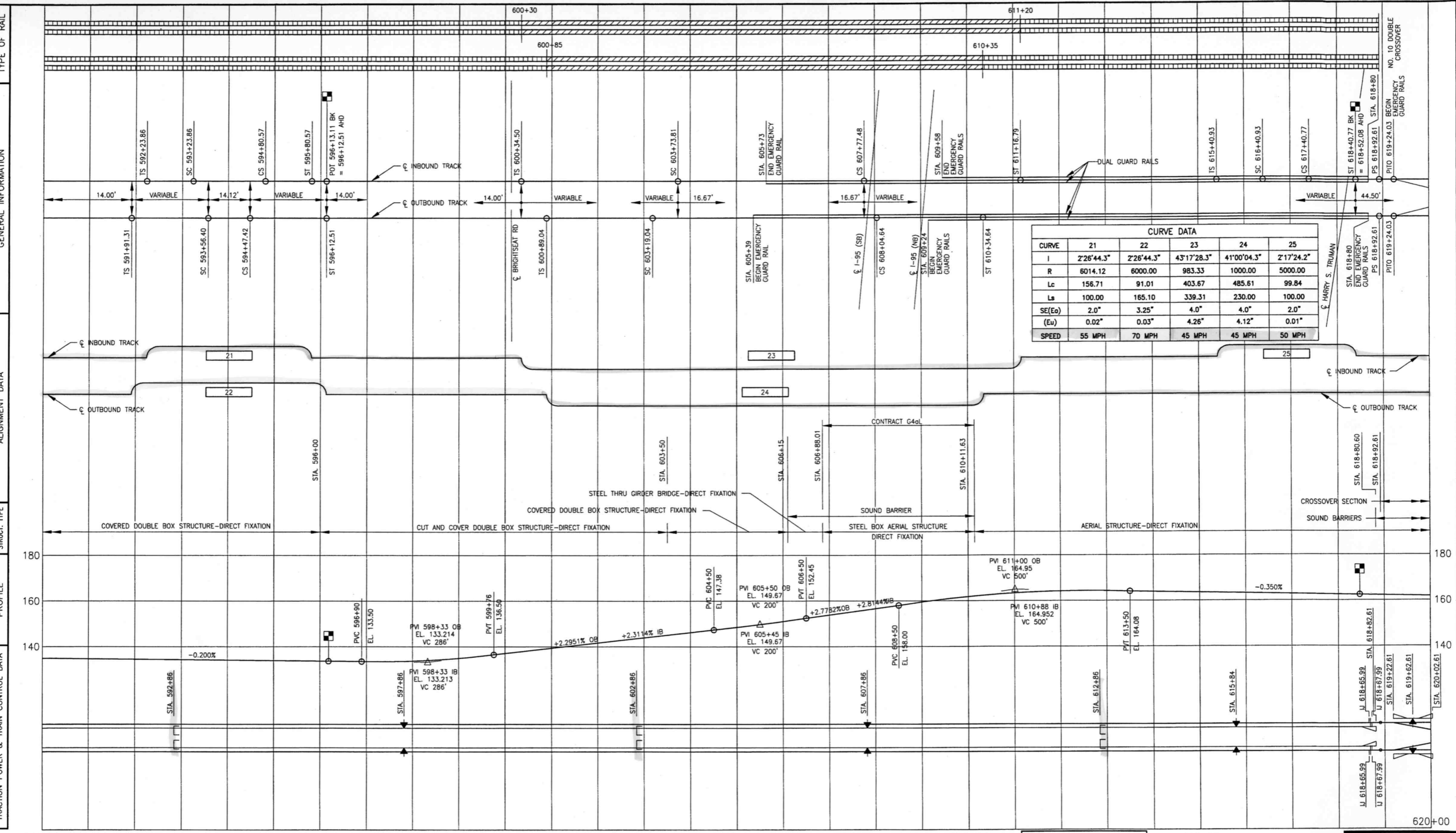
DESIGNED	DATE	REFERENCE DRAWINGS		REVISIONS		
		NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION
D. J. PUMHIRUN	3-01					
D. MCCALL	3-01					
G. SKORUPSKI	3-01					
G. SKORUPSKI	3-01					

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 CAPITAL TRANSIT CONSULTANTS
 SECTION DESIGNER
 SUBMITTED PROJECT MANAGER

ADDISON ROUTE
 LINE, TRACKWORK AND SYSTEMS
 TRACK CHART
 STA. 560+00 TO STA. 590+00

SCALE: NONE DRAWING NO. G4b-TW20-9m M1071-XXX

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 TRACTION POWER & TRAIN CONTROL DATA



CURVE DATA					
CURVE	21	22	23	24	25
I	2'26"44.3"	2'26"44.3"	43'17"28.3"	41'00"04.3"	2'17"24.2"
R	6014.12	6000.00	983.33	1000.00	5000.00
Lc	156.71	91.01	403.67	485.61	99.84
Ls	100.00	165.10	339.31	230.00	100.00
SE(Eo)	2.0"	3.25"	4.0"	4.0"	2.0"
(Eu)	0.02"	0.03"	4.26"	4.12"	0.01"
SPEED	55 MPH	70 MPH	45 MPH	45 MPH	50 MPH

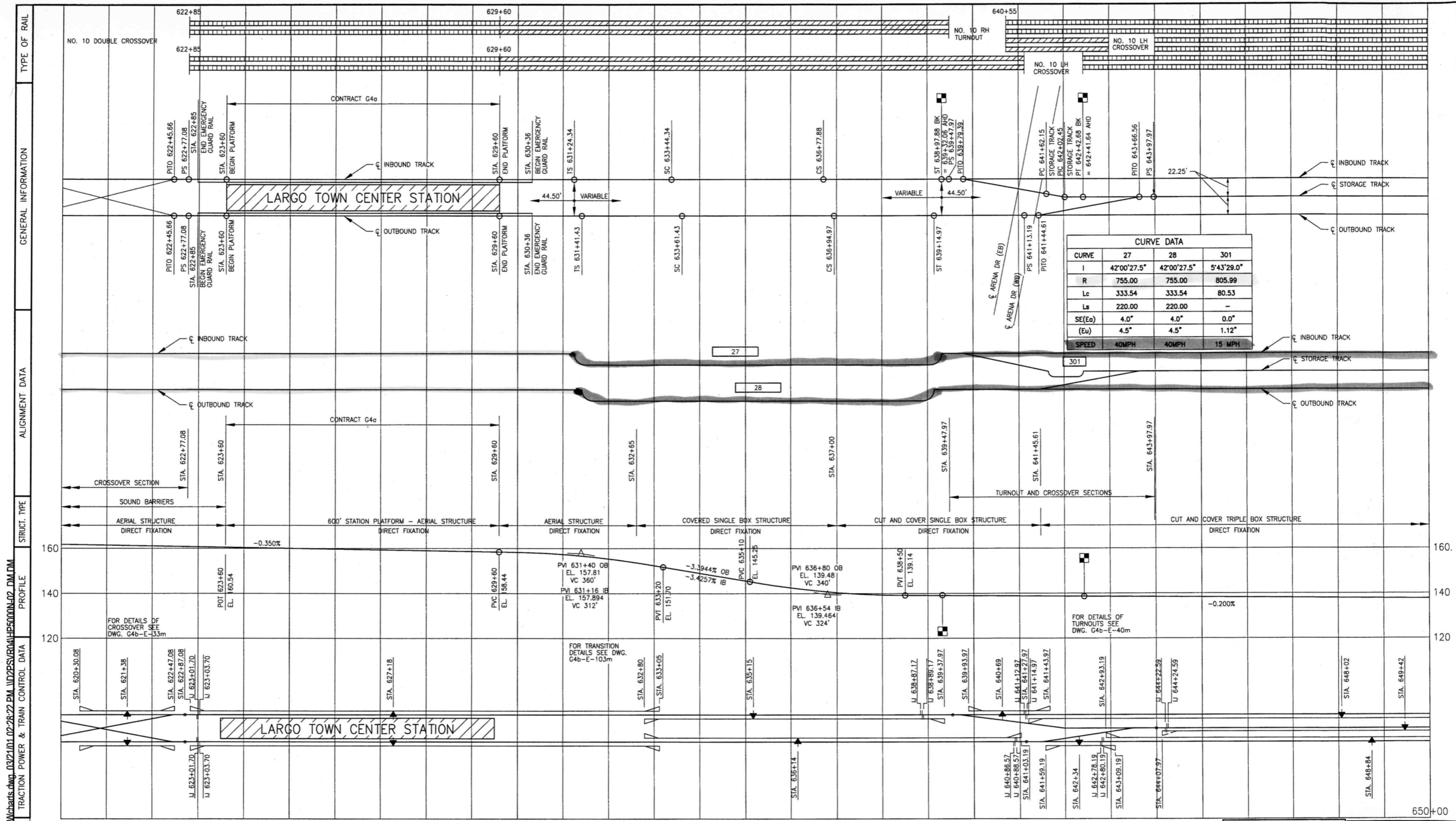
590+00 595+00 600+00 605+00 610+00 615+00 620+00

DESIGNED	D.J. PUMPHRIN	3-01	REFERENCE DRAWINGS			REVISIONS		
			NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION	
DRAWN	D. MCCALL	3-01						
CHECKED	G. SKORUPSKI	3-01						
APPROVED	G. SKORUPSKI	3-01						

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 CAPITAL TRANSIT CONSULTANTS
 SECTION DESIGNER

ADDISON ROUTE
 LINE, TRACKWORK AND SYSTEMS
 TRACK CHART
 STA. 590+00 TO STA. 620+00

CONTRACT NO. 1G0042
 SCALE NONE DRAWING NO. G4b-TW20-10m M1071-XXX



CURVE DATA			
CURVE	27	28	301
I	42°00'27.5"	42°00'27.5"	5°43'29.0"
R	755.00	755.00	805.99
Lc	333.54	333.54	80.53
Ls	220.00	220.00	-
SE(Ea)	4.0"	4.0"	0.0"
(Eu)	4.5"	4.5"	1.12"
SPEED	40MPH	40MPH	15 MPH

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 TRACTION POWER & TRAIN CONTROL DATA
 PROFILE
 STRUCT. TYPE
 ALIGNMENT DATA
 GENERAL INFORMATION
 TYPE OF RAIL

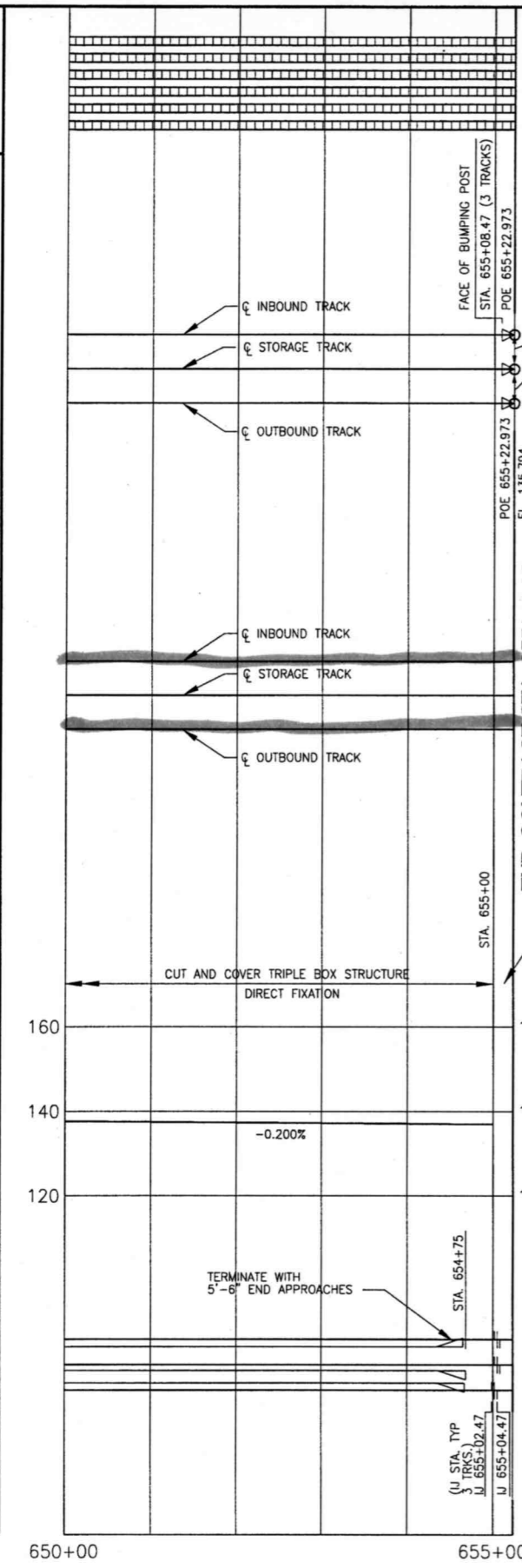
620+00 LARGO TRACTION POWER SUBSTATION 625+00 630+00 635+00 640+00 LARGO TIE BREAKER STATION 645+00 650+00
 MANDATORY CONTRACT NO. 1G0042

DESIGNED	D.J. PUMHIRUN	3-01	REFERENCE DRAWINGS			REVISIONS		
			NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION	
DRAWN	D. MCCALL	3-01						
CHECKED	G. SKORUPSKI	3-01						
APPROVED	G. SKORUPSKI	3-01						

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY
 CAPITAL TRANSIT CONSULTANTS
 SECTION DESIGNER
 SUBMITTED PROJECT MANAGER

ADDISON ROUTE
 LINE, TRACKWORK AND SYSTEMS
 TRACK CHART
 STA. 620+00 TO STA. 650+00
 SCALE NONE DRAWING NO. G4b-TW20-11m M1071-XXX

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 TRACTION POWER & TRAIN CONTROL DATA



MANDATORY

CONTRACT NO.
1G0042

DESIGNED	D.J. PUMHIRUN	3-01	DATE
DRAWN	D. MCCALL	3-01	DATE
CHECKED	G. SKORUPSKI	3-01	DATE
APPROVED	G. SKORUPSKI	3-01	DATE

REFERENCE DRAWINGS		REVISIONS		
NUMBER	DESCRIPTION	DATE	BY	DESCRIPTION

WASHINGTON METROPOLITAN AREA TRANSIT AUTHORITY 	
CAPITAL TRANSIT CONSULTANTS SECTION DESIGNER	
SUBMITTED	PROJECT MANAGER

ADDISON ROUTE LINE, TRACKWORK AND SYSTEMS TRACK CHART STA. 650+00 TO STA. 655+22.97	
SCALE NONE	DRAWING NO. G4b-TW20-12m M1071-XXX