

PLOTTED: 10/21/2008
FILE: C:\WORKING\CIVIL\DWG42634\INDEX LRTL-LEGEND.DGN

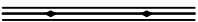

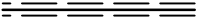


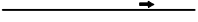


LOWINVESTMENT LRT

SHEET NO.	DRAWING NO.	TITLE	DESCRIPTION
PLAN SHEETS			
169	LL-01	LOW INVESTMENT LRT	INDEX OF DRAWINGS
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171	LL-03	LOW INVESTMENT LRT - KEY PLAN	SHEET 2 OF 3
172	LL-04	LOW INVESTMENT LRT - KEY PLAN	SHEET 3 OF 3
173	LL-05	LOW INVESTMENT LRT - PLAN	STA. LL300+00 TO STA. LL324+00
174	LL-06	LOW INVESTMENT LRT - PLAN	STA. LL324+00 TO STA. LL350+00
175	LL-07	LOW INVESTMENT LRT - PLAN	STA. LL350+00 TO STA. LL375+00
176	LL-08	LOW INVESTMENT LRT - PLAN	STA. LL375+00 TO STA. LL399+00
177	LL-09	LOW INVESTMENT LRT - PLAN	STA. LL399+00 TO STA. LL423+00
178	LL-10	LOW INVESTMENT LRT - PLAN	STA. LL423+00 TO STA. LL451+00
179	LL-11	LOW INVESTMENT LRT - PLAN	STA. LL451+00 TO STA. LL479+00
180	LL-12	LOW INVESTMENT LRT - PLAN	STA. LL479+00 TO STA. LL504+00
181	LL-13	LOW INVESTMENT LRT - PLAN	STA. LL504+00 TO STA. LL529+30
182	LL-14	LOW INVESTMENT LRT - PLAN	STA. LL600+00 TO STA. LL633+50
183	LL-15	LOW INVESTMENT LRT - PLAN	STA. LL633+50 TO STA. LL662+50
184	LL-16	LOW INVESTMENT LRT - PLAN	STA. LL662+50 TO STA. LL694+50
185	LL-17	LOW INVESTMENT LRT - PLAN	STA. LL694+50 TO STA. LL729+50
186	LL-18	LOW INVESTMENT LRT - PLAN	STA. LL729+50 TO STA. LL756+50
187	LL-19	LOW INVESTMENT LRT - PLAN	STA. LL756+50 TO STA. LL785+50
188	LL-20	LOW INVESTMENT LRT - PLAN	STA. LL785+50 TO STA. LL816+50
189	LL-21	LOW INVESTMENT LRT - PLAN	STA. LL816+50 TO STA. LL843+50
190	LL-22	LOW INVESTMENT LRT - PLAN	STA. LL843+50 TO STA. LL871+50
191	LL-23	LOW INVESTMENT LRT - PLAN	STA. LL871+50 TO STA. LL900+50
192	LL-24	LOW INVESTMENT LRT - PLAN	STA. LL900+50 TO STA. LL930+50
193	LL-25	LOW INVESTMENT LRT - PLAN	STA. LL930+50 TO STA. LL957+50
194	LL-26	LOW INVESTMENT LRT - PLAN	STA. LL957+50 TO STA. LL979+90
195	LL-27	LOW INVESTMENT LRT - PLAN	STA. LL1000+00 TO STA. LL1021+00
196	LL-28	LOW INVESTMENT LRT - PLAN	STA. LL1021+00 TO STA. LL1046+00
197	LL-29	LOW INVESTMENT LRT - PLAN	STA. LL1046+00 TO STA. LL1075+00
198	LL-30	LOW INVESTMENT LRT - PLAN	STA. LL1075+00 TO STA. LL1104+00
199	LL-31	LOW INVESTMENT LRT - PLAN	STA. LL1104+00 TO STA. LL1129+00
200	LL-32	LOW INVESTMENT LRT - PLAN	STA. LL1129+00 TO STA. LL1158+00
201	LL-33	LOW INVESTMENT LRT - PLAN	STA. LL1158+00 TO STA. LL1183+00
202	LL-34	LOW INVESTMENT LRT - PLAN	STA. LL1183+00 TO STA. LL1211+00
203	LL-35	LOW INVESTMENT LRT - PLAN	STA. LL1211+00 TO STA. LL1232+00
204	LL-36	LOW INVESTMENT LRT - PLAN	STA. LL1232+00 TO STA. LL1252+35
205	LL-37	SHEET INTENTIONALLY LEFT OUT OF PLAN SET	
206	LL-38	SHEET INTENTIONALLY LEFT OUT OF PLAN SET	

PROFILE SHEETS

207	LL-39	LOW INVESTMENT LRT - PROFILE	STA. LL399+00 TO STA. LL423+00
208	LL-40	LOW INVESTMENT LRT - PROFILE	STA. LL504+00 TO STA. LL529+36
209	LL-41	LOW INVESTMENT LRT - PROFILE	STA. LL600+00 TO STA. LL630+00
210	LL-42	LOW INVESTMENT LRT - PROFILE	STA. LL675+00 TO STA. LL705+00
211	LL-43	LOW INVESTMENT LRT - PROFILE	STA. LL848+00 TO STA. LL878+00
212	LL-44	SHEET INTENTIONALLY LEFT OUT OF PLAN SET	
213	LL-45	SHEET INTENTIONALLY LEFT OUT OF PLAN SET	

LEGEND

- 
- PROPOSED BRT ALIGNMENT
- 
- PROPOSED LRT ALIGNMENT
- 
- PROPOSED TUNNEL ALIGNMENT
- 
- PROPOSED STATION PLATFORM
- 
- CURVE LABEL
- 
- PROPOSED REALIGNED TRAFFIC LANE
- 
- PROPOSED RECONSTRUCTED SIDEWALK
- 
- PROPOSED RELATED TRANSIT INFRASTRUCTURE

DRAFT WORK-IN-PROGRESS

The Purple Line Transit Study Information shown shall be used for general planning/information only. The locations of the proposed transit facilities and/or proposed roadway reconstruction/relocation are approximate and subject to change during subsequent stages of project development.

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PURPLE LINE

LOW INVESTMENT LRT
INDEX OF DRAWINGS

DATE: SEPTEMBER 2008

SCALE: NONE

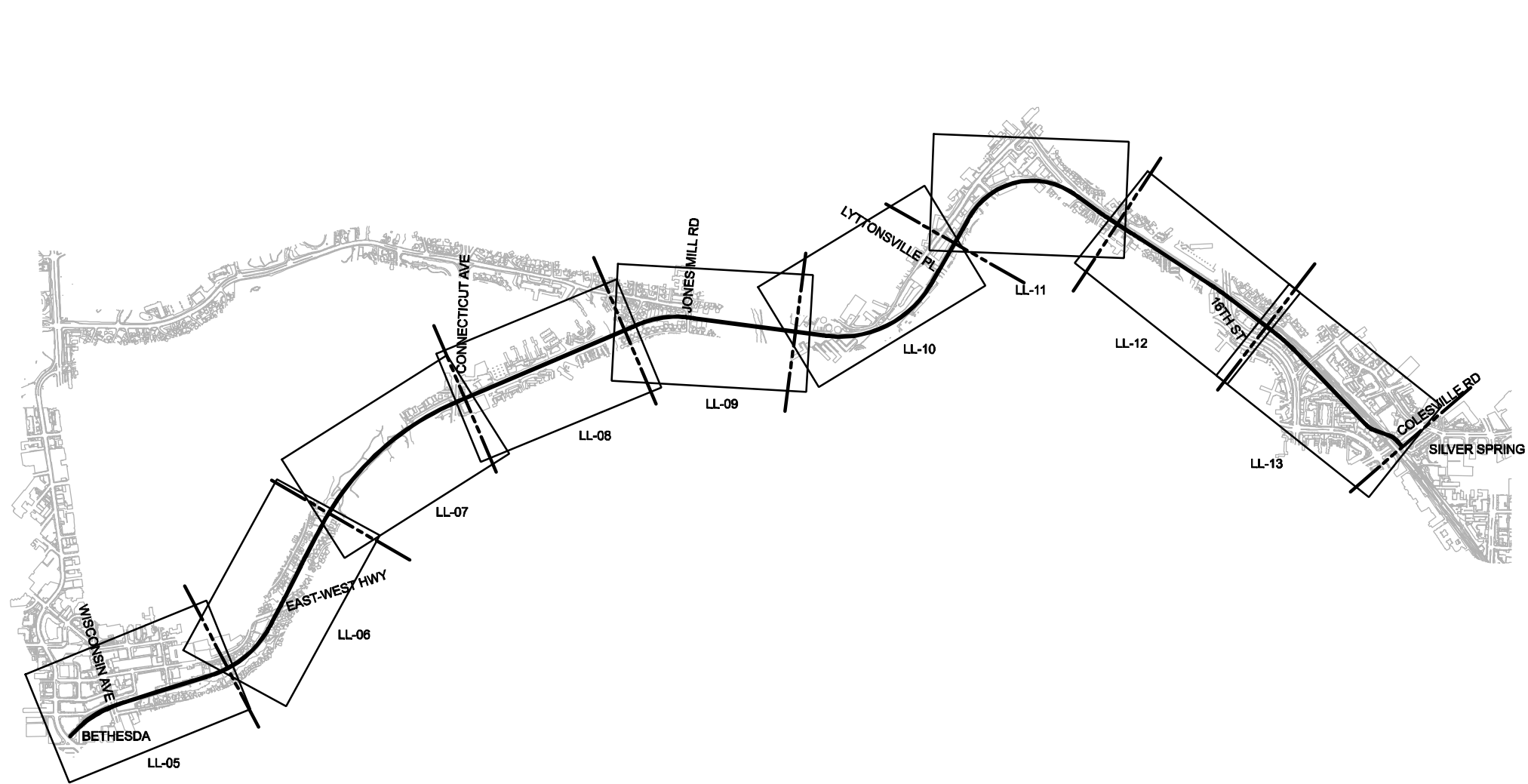
CONTRACT NO.

DRAWING NO.
LL-01

SHEET NO.

169 OF 334

PLOTTED: 9/10/2008
FILE: C:\WORKING\CIVIL\DM27782\KEY PLAN-LRTL-WEST.DGN



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PURPLE LINE

LOW INVESTMENT LRT - KEY PLAN
SHEET 1 OF 3

DATE: SEPTEMBER 2008

SCALE: AS SHOWN

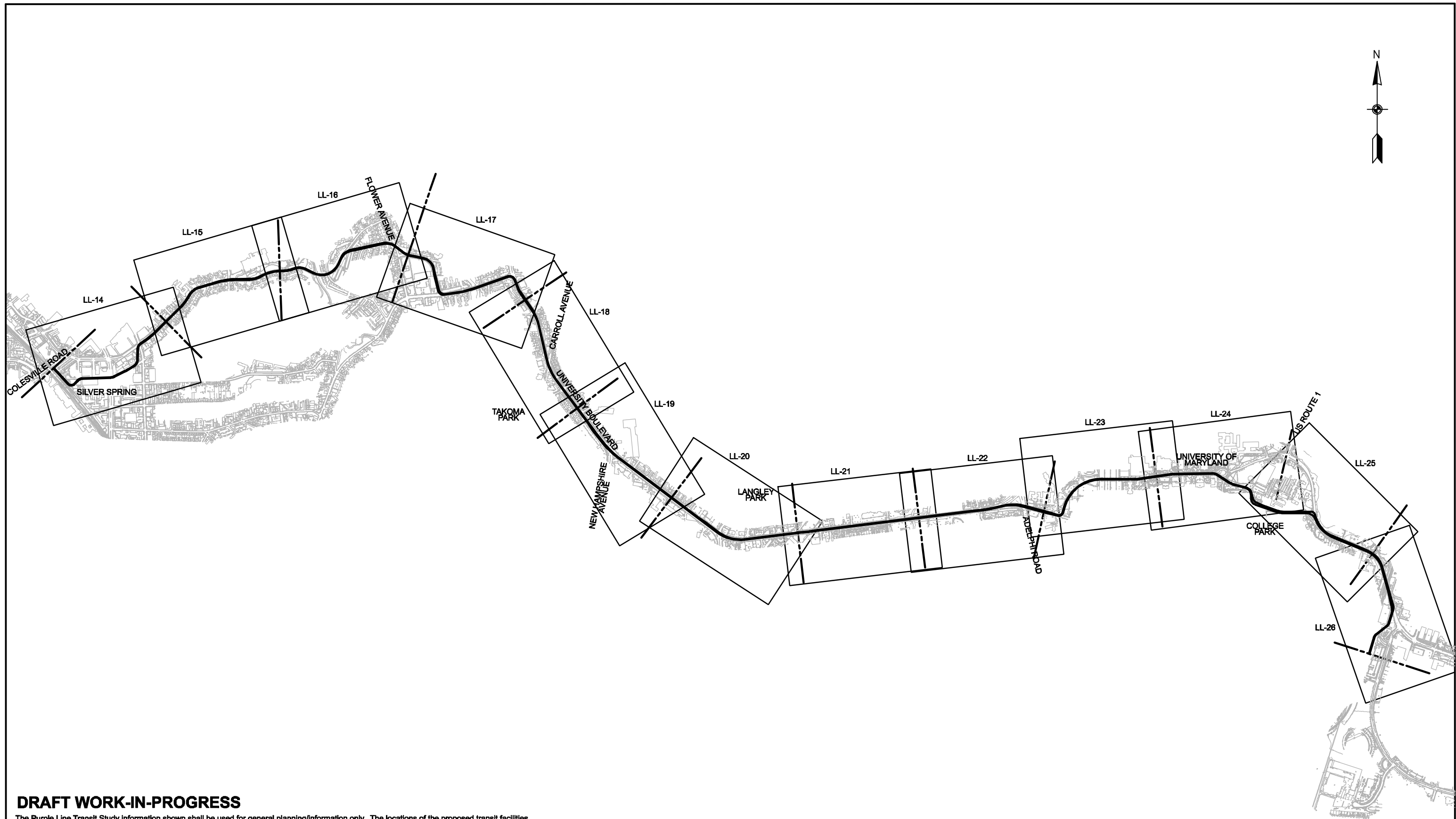
CONTRACT NO.

DRAWING NO.

LL-02

SHEET NO.

170 OF 334

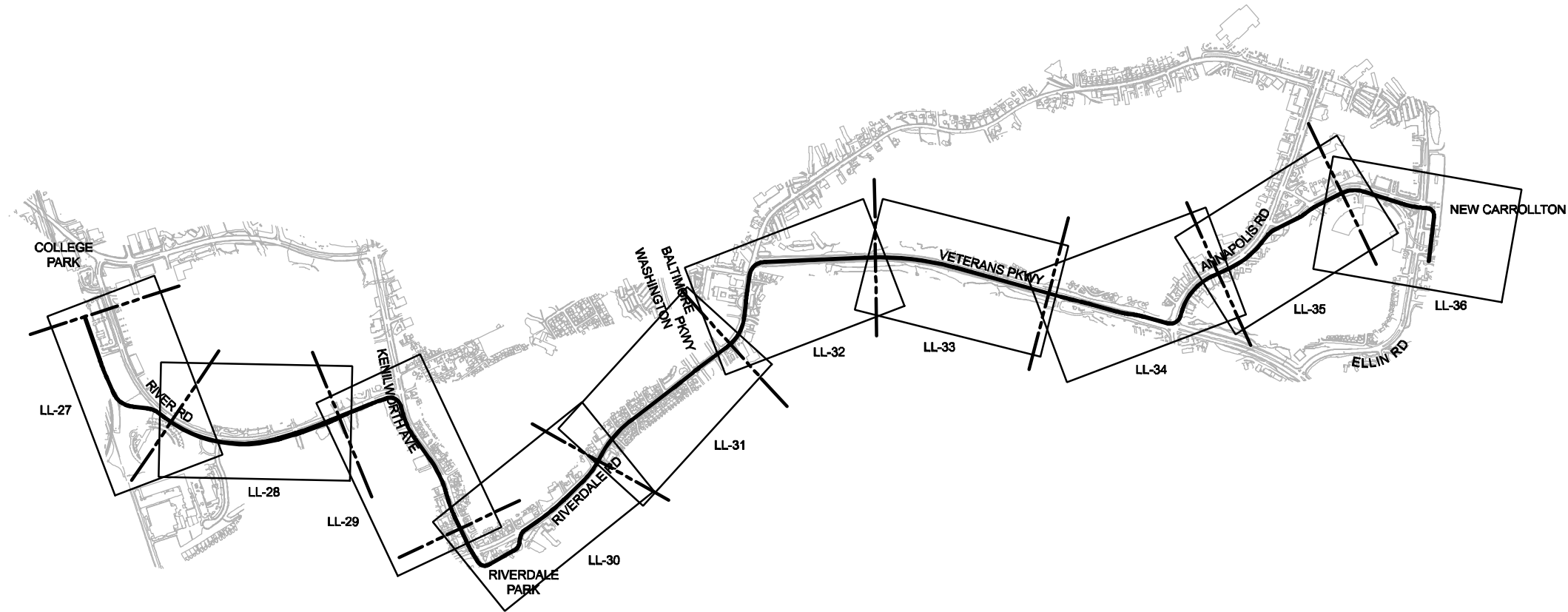


DRAFT WORK-IN-PROGRESS

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<div>MARYLAND DEPARTMENT OF TRANSPORTATION</div> <div></div>	<div></div> <div>A Joint Venture of PARSONS BRINCKERHOFF QUADE & DOUGLAS RUMMEL, KLEPPER & KAHL, LLP</div>			PURPLE LINE		CONTRACT NO.
				LOW INVESTMENT LRT - KEY PLAN		DRAWING NO.
				SHEET 2 OF 3		LL-03
				DATE: SEPTEMBER 2008		SCALE: AS SHOWN
						171 OF 334

PLOTTED: 9/10/2008
FILE: C:\WORKING\CIVIL\DM27782\KEY PLAN-LRTL-EAST.DGN



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1000' 0 1000' 2000'
SCALE: 1"=2000'

PURPLE LINE

LOW INVESTMENT LRT - KEY PLAN
SHEET 3 OF 3

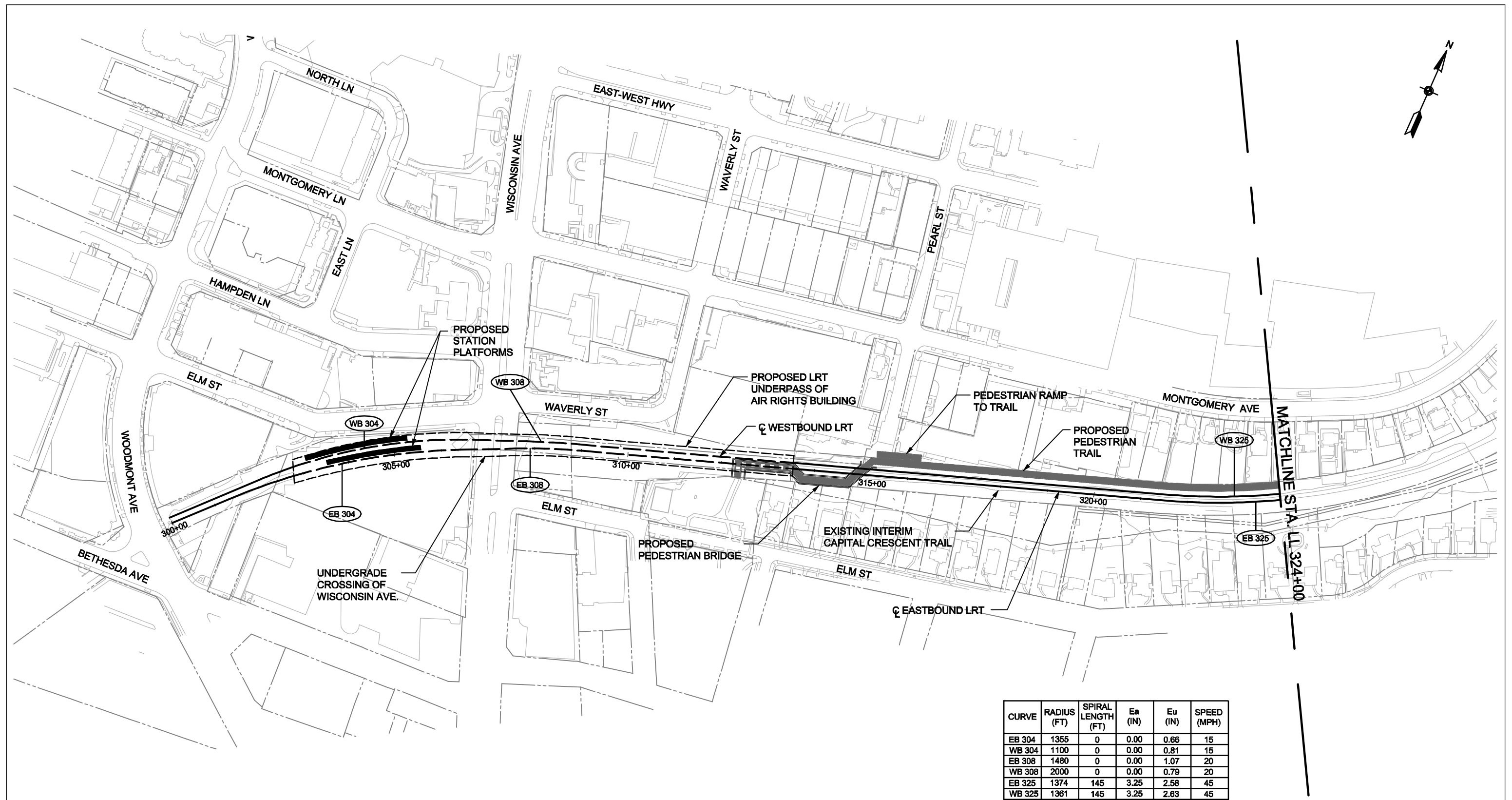
DATE: SEPTEMBER 2008

SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LL-04

SHEET NO.
172 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 304	1355	0	0.00	0.66	15
WB 304	1100	0	0.00	0.81	15
EB 308	1480	0	0.00	1.07	20
WB 308	2000	0	0.00	0.79	20
EB 325	1374	145	3.25	2.58	45
WB 325	1361	145	3.25	2.63	45

DRAFT WORK-IN-PROGRESS

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100'0100'200'

SCALE: 1"=200'

PURPLE LINE

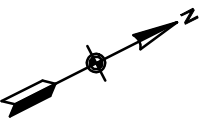
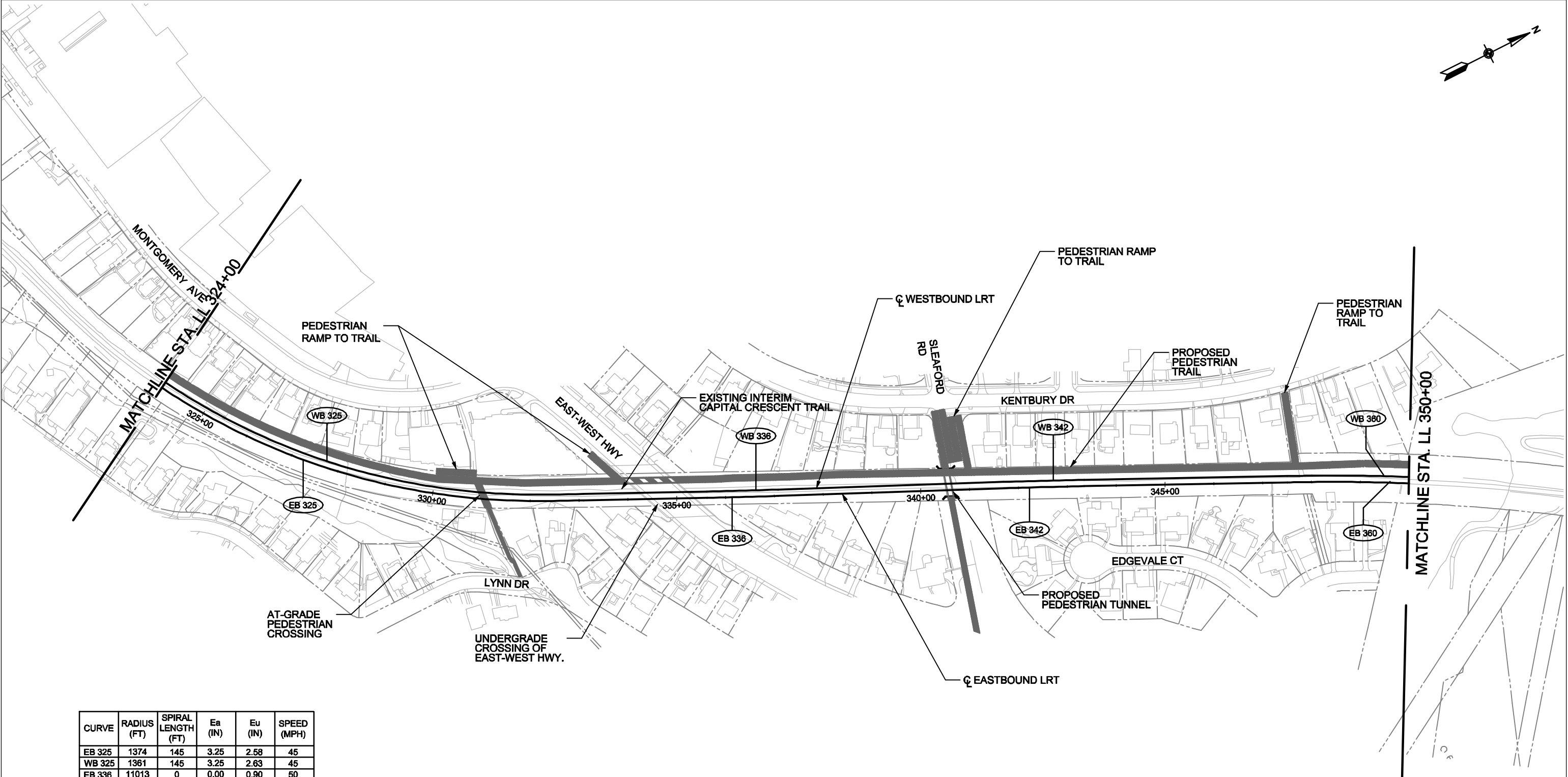
LOW INVESTMENT LRT - PLAN
STA. LL300+00 TO STA. LL324+00

DATE: SEPTEMBER 2008SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LL - 05

SHEET NO.
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CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 325	1374	145	3.25	2.58	45
WB 325	1361	145	3.25	2.63	45
EB 336	11013	0	0.00	0.90	50
WB 336	11000	0	0.00	0.90	50
EB 342	11000	0	0.00	0.90	50
WB 342	11013	0	0.00	0.90	50
EB 360	3800	45	0.25	1.03	35
WB 360	3813	45	0.25	1.02	35

DRAFT WORK-IN-PROGRESS

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100'0100'200'

SCALE: 1"=200'

PURPLE LINE

LOW INVESTMENT LRT - PLAN

STA. LL324+00 TO STA. LL350+00

DATE: SEPTEMBER 2008

SCALE: AS SHOWN

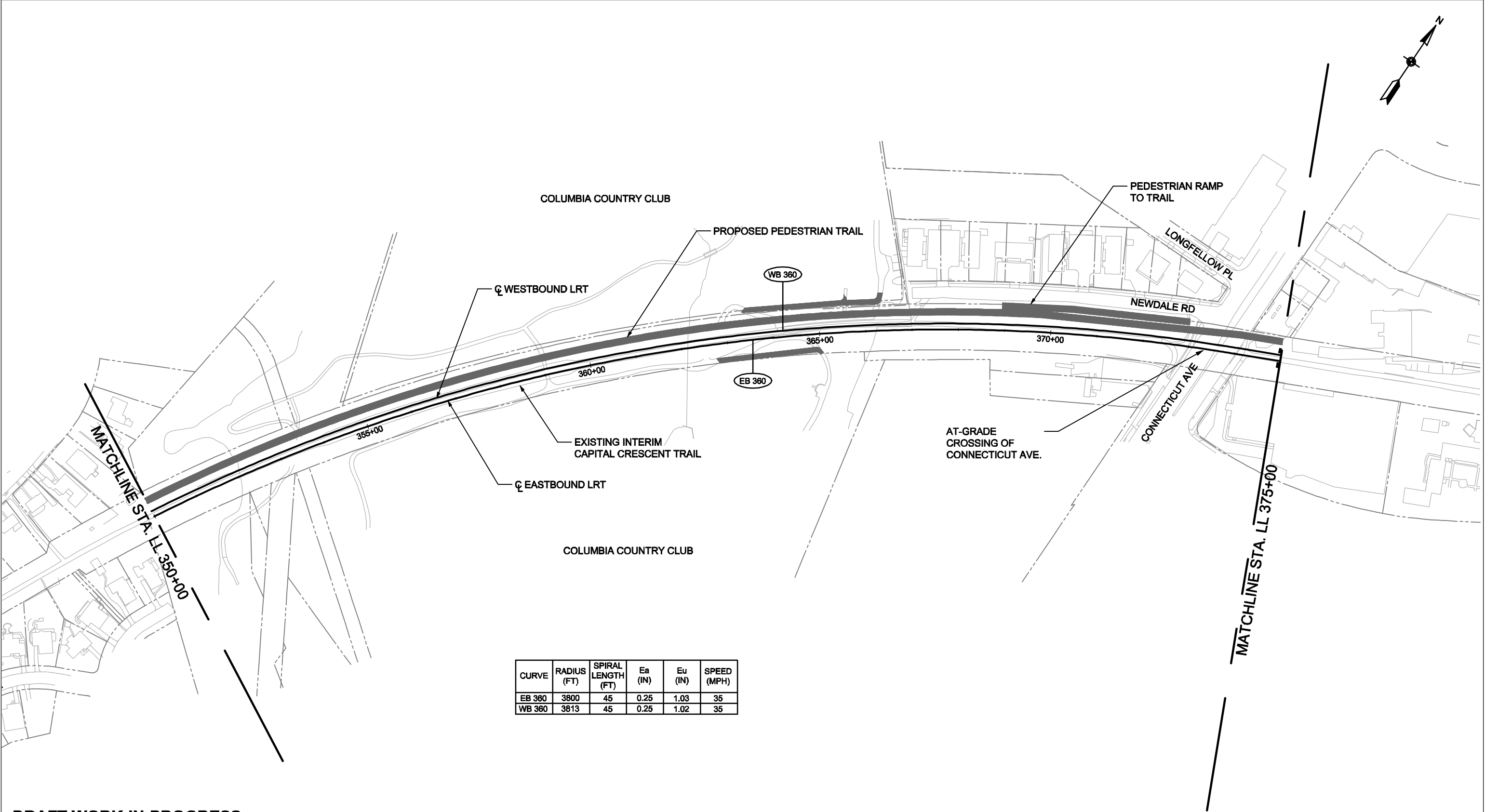
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DRAWING NO.

LL - 06

SHEET NO.

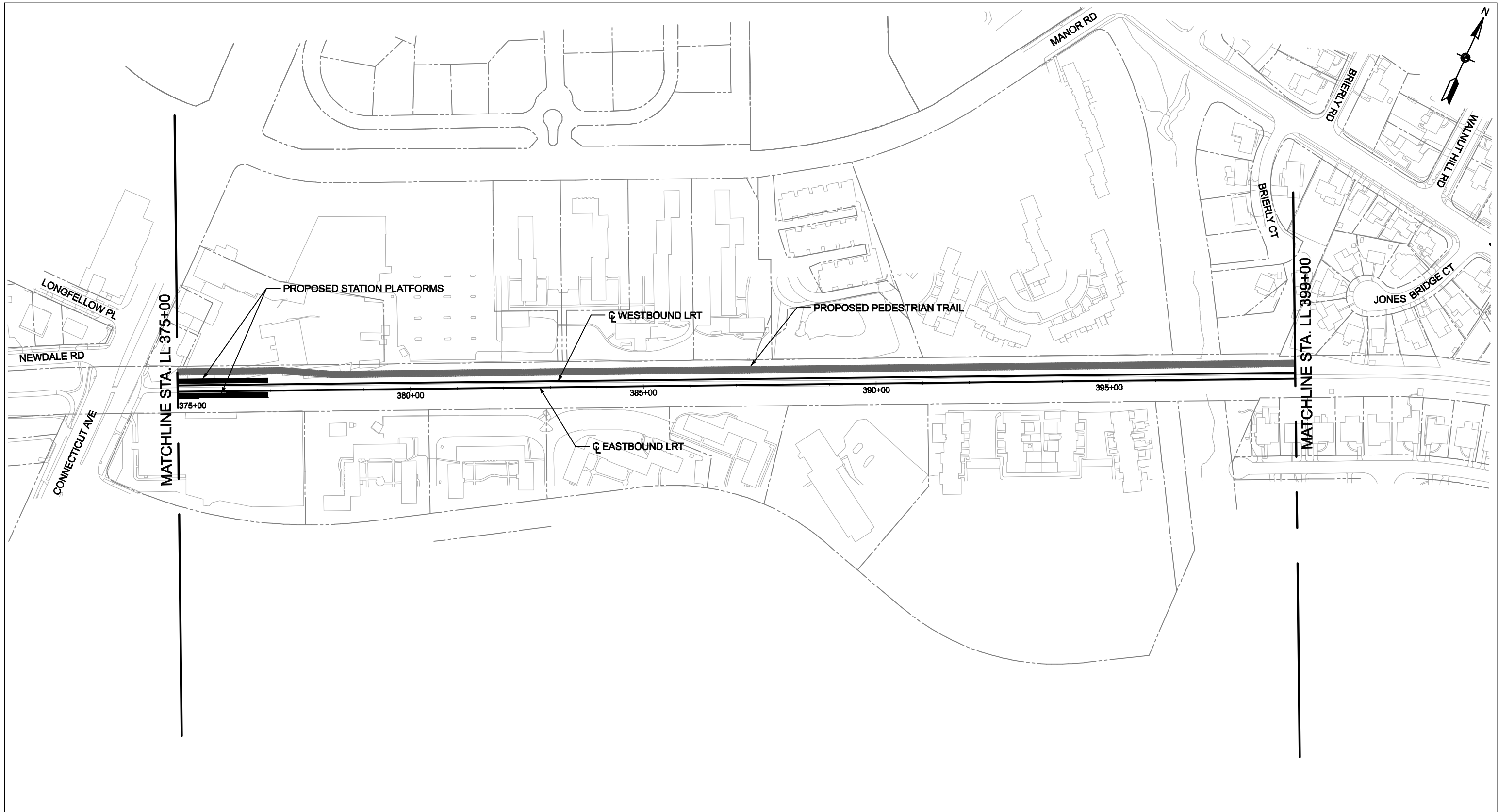
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CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 360	3800	45	0.25	1.03	35
WB 360	3813	45	0.25	1.02	35

DRAFT WORK-IN-PROGRESS

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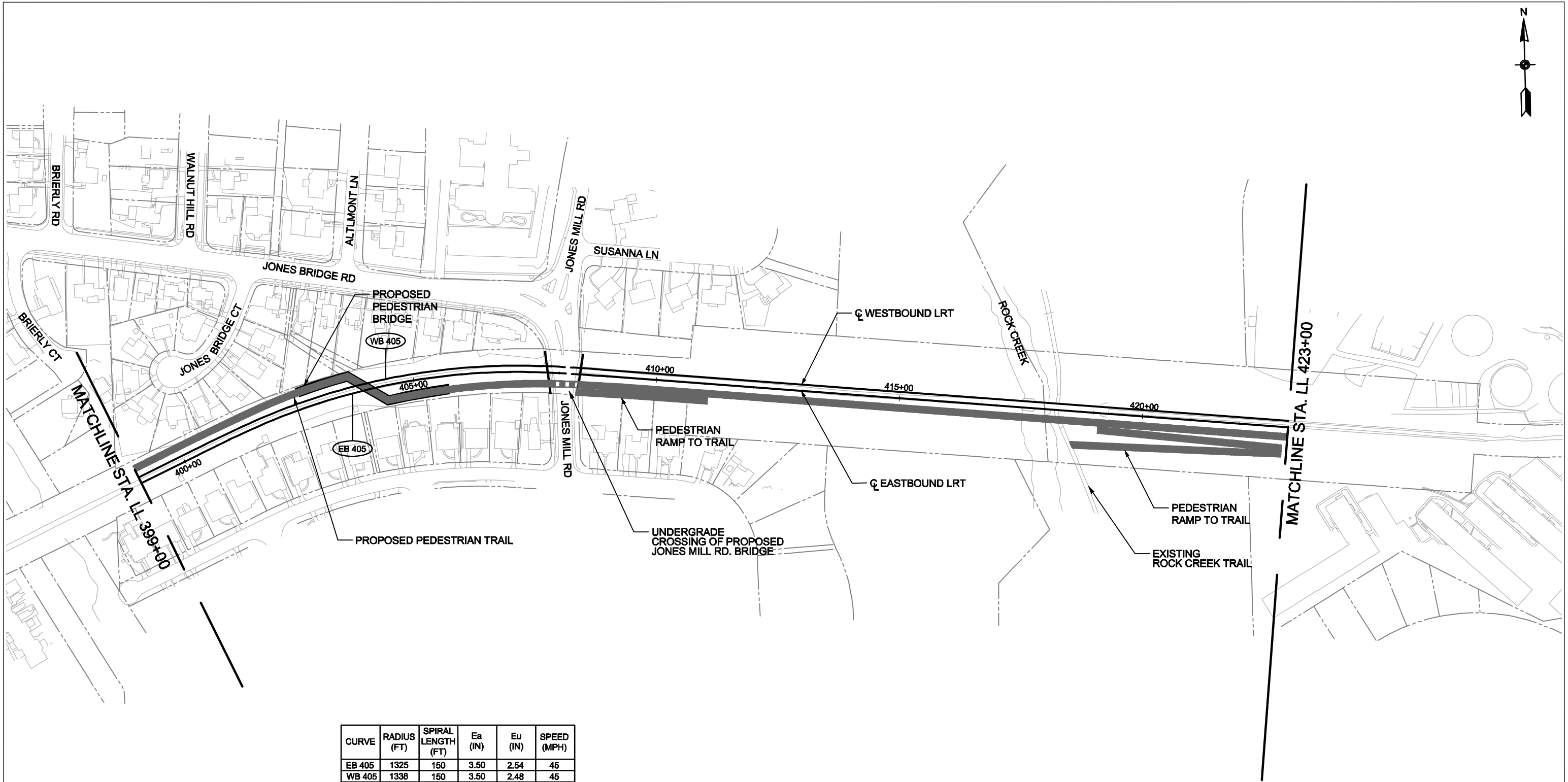


DRAFT WORK-IN-PROGRESS

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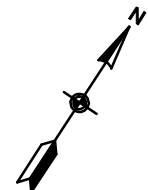
PURPLE LINE		CONTRACT NO.
LOW INVESTMENT LRT - PLAN STA. LL375+00 TO STA. LL399+00		DRAWING NO. LL - 08
		SHEET NO. 176 OF 334
DATE: SEPTEMBER 2008		SCALE: AS SHOWN



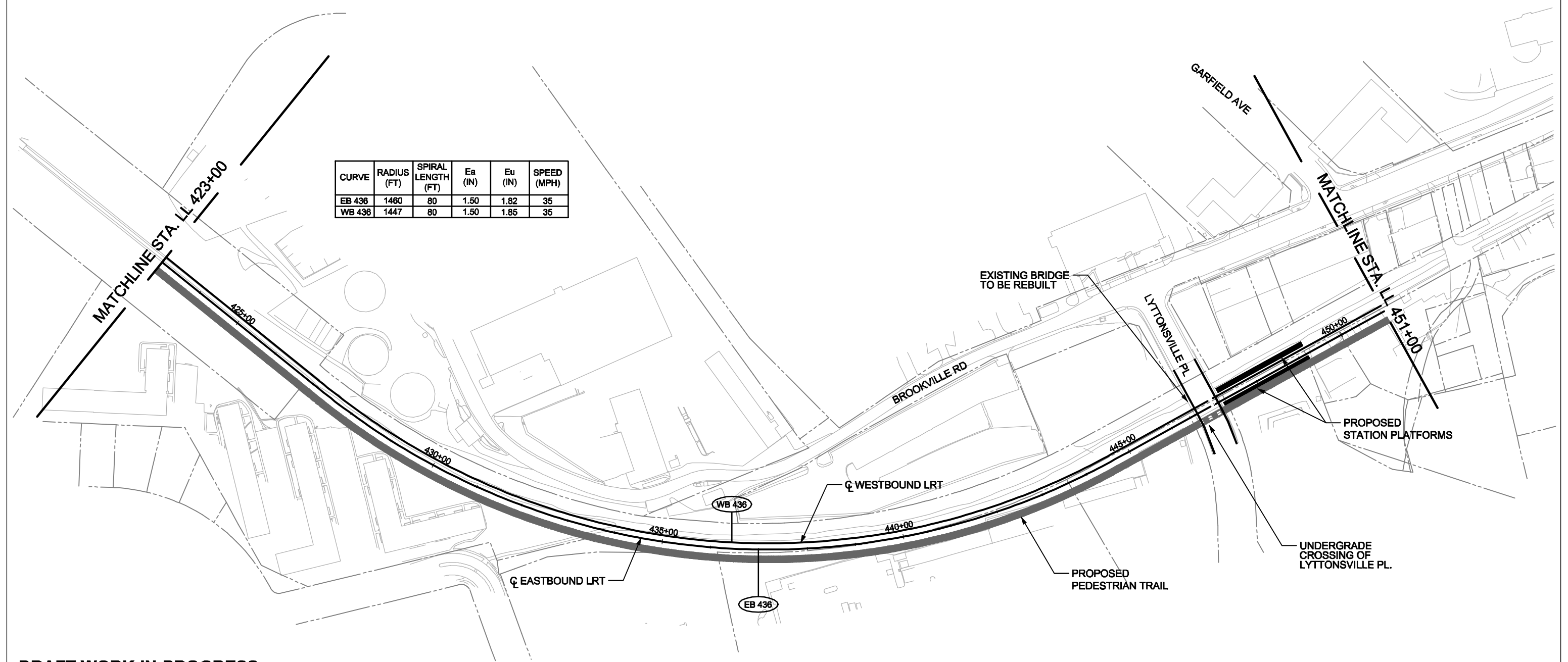
CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 405	1325	150	3.50	2.54	45
WB 405	1338	150	3.50	2.48	45

DRAFT WORK-IN-PROGRESS

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CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 436	1460	80	1.50	1.82	35
WB 436	1447	80	1.50	1.85	35




DRAFT WORK-IN-PROGRESS

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PURPLE LINE

LOW INVESTMENT LRT - PLAN
STA. LL423+00 TO STA. LL451+00

DATE: SEPTEMBER 2008

SCALE: AS SHOWN

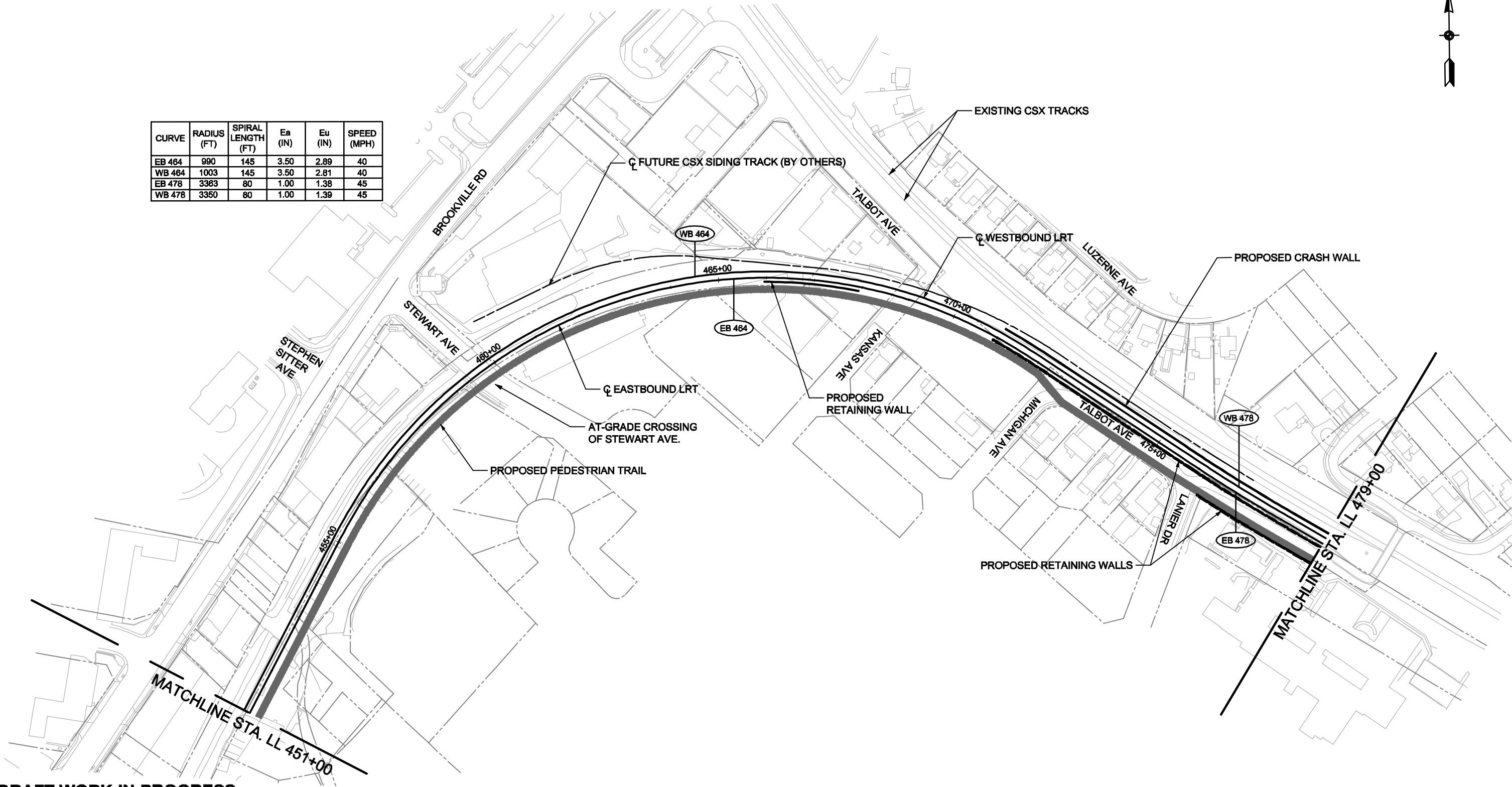
CONTRACT NO.

DRAWING NO.
LL - 10

SHEET NO.
178 OF 334

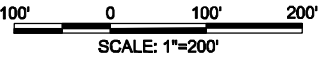
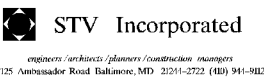


CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 464	990	145	3.50	2.89	40
WB 464	1003	145	3.50	2.81	40
EB 478	3363	80	1.00	1.38	45
WB 478	3350	80	1.00	1.39	45

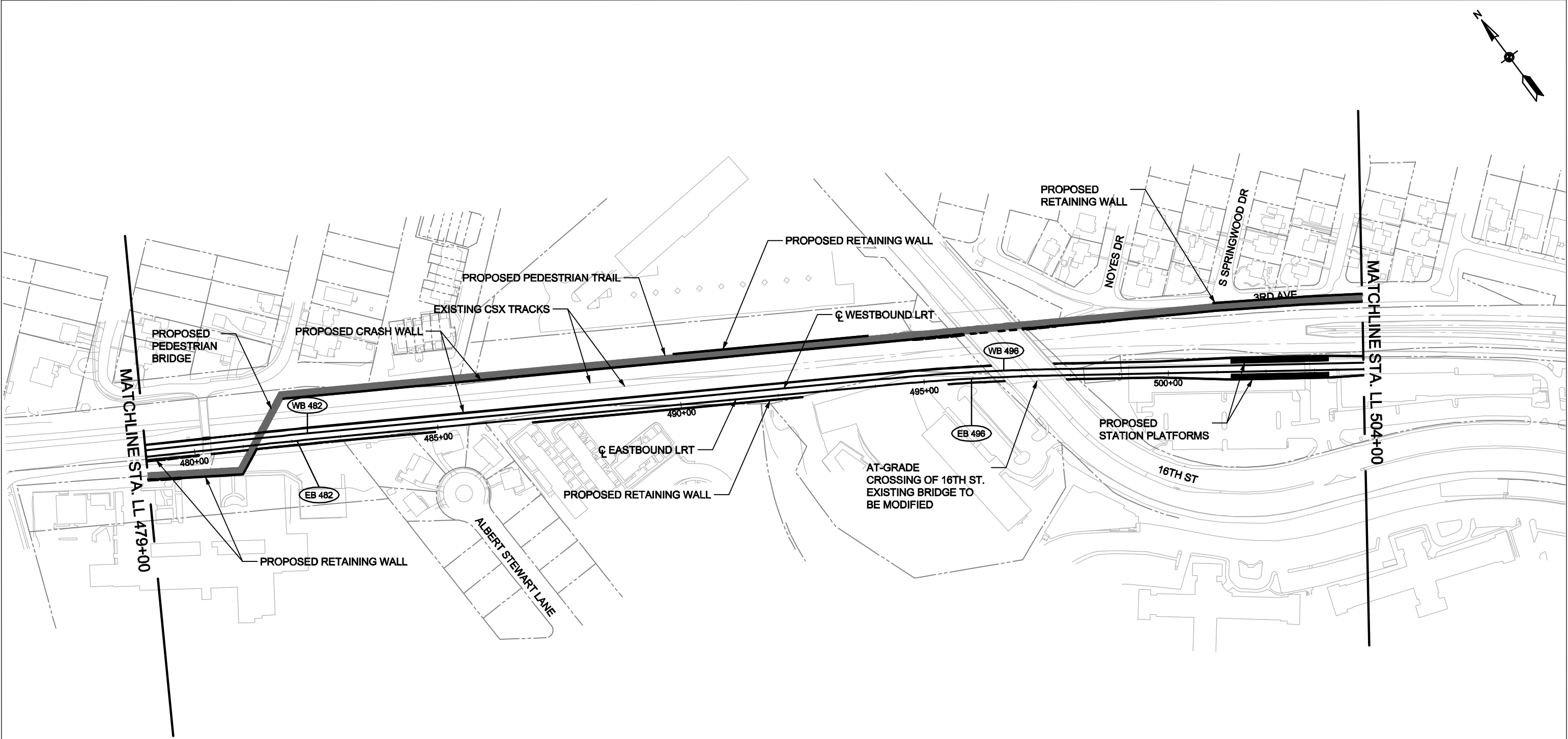


DRAFT WORK-IN-PROGRESS

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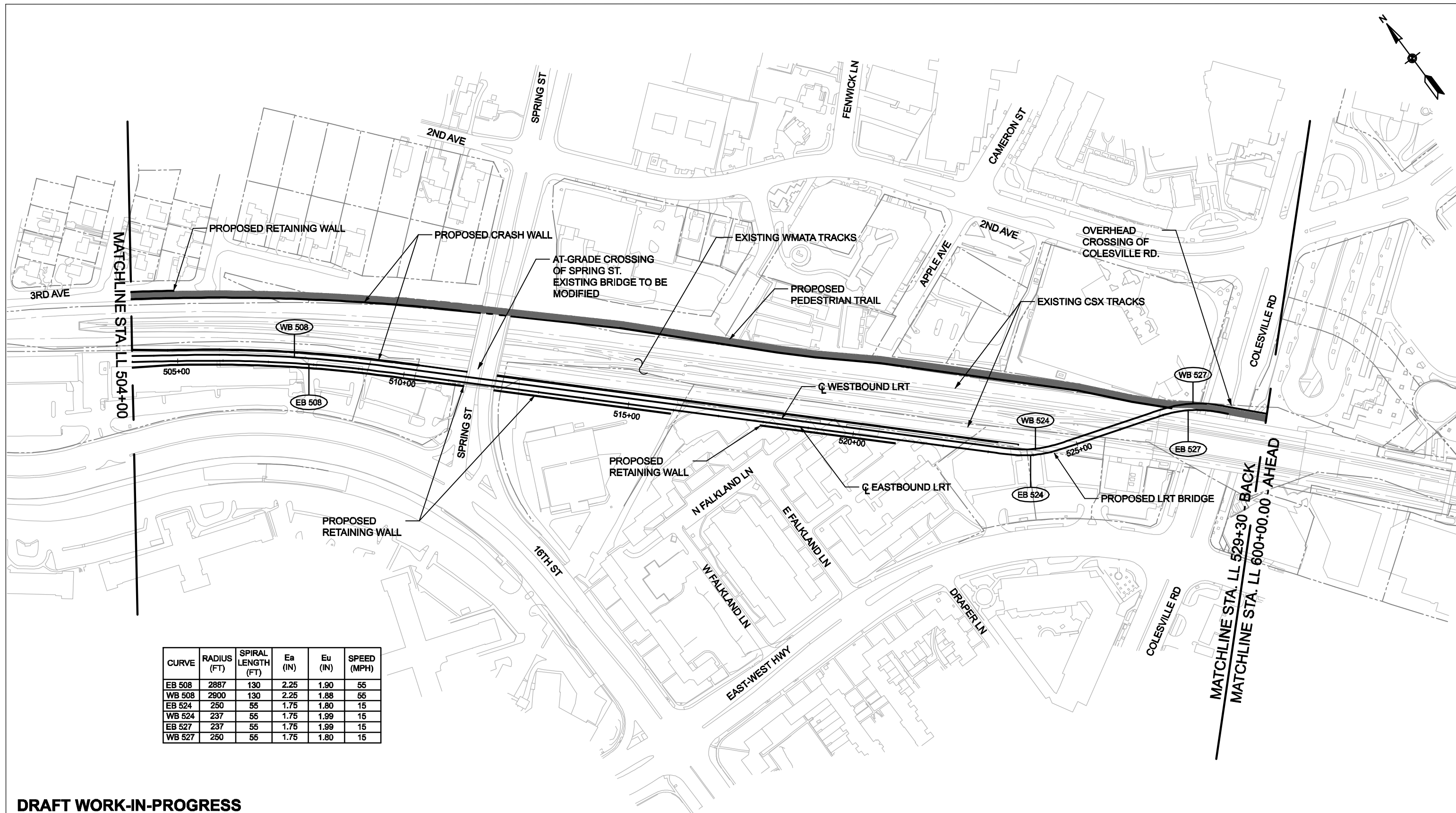
PURPLE LINE		CONTRACT NO.
LOW INVESTMENT LRT - PLAN STA. LL451+00 TO STA. LL479+00		DRAWING NO. LL - 11
DATE: SEPTEMBER 2008	SCALE: AS SHOWN	SHEET NO. 179 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 482	13500	0	0.00	0.89	55
WB 482	13513	0	0.00	0.89	55
EB 496	4187	110	1.25	1.61	55
WB 496	4200	110	1.25	1.60	55

DRAFT WORK-IN-PROGRESS

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CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 508	2887	130	2.25	1.90	55
WB 508	2900	130	2.25	1.88	55
EB 524	250	55	1.75	1.80	15
WB 524	237	55	1.75	1.99	15
EB 527	237	55	1.75	1.99	15
WB 527	250	55	1.75	1.80	15

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PURPLE LINE

LOW INVESTMENT LRT - PLAN
STA. LL504+00 TO STA. LL529+30

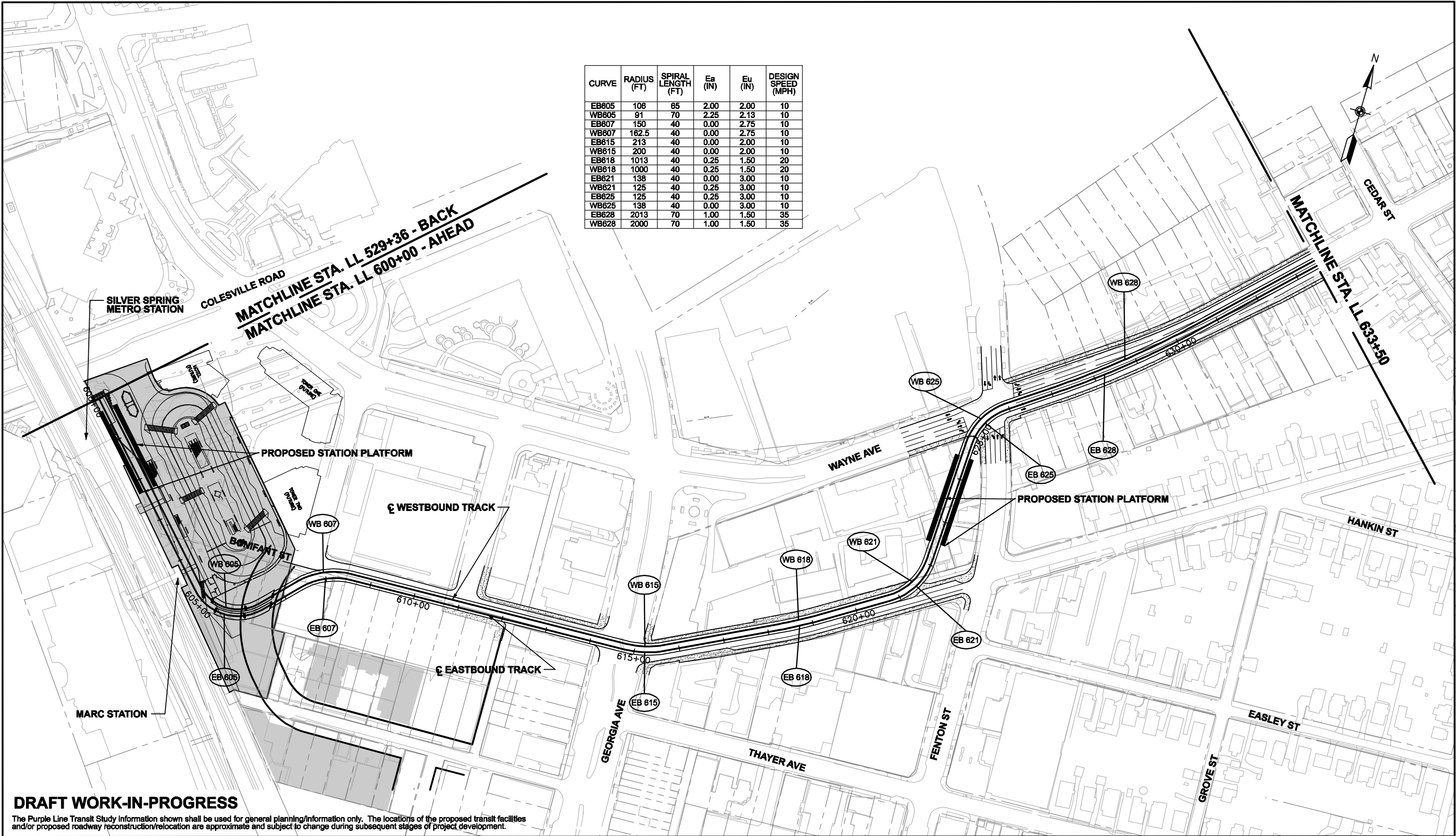
DATE: SEPTEMBER 2008

SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LL - 13

SHEET NO.
181 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB605	106	65	2.00	2.00	10
WB605	91	70	2.25	2.13	10
EB607	150	40	0.00	2.75	10
WB607	162.5	40	0.00	2.75	10
EB615	213	40	0.00	2.00	10
WB615	200	40	0.00	2.00	10
EB618	1013	40	0.25	1.50	20
WB618	1000	40	0.25	1.50	20
EB621	138	40	0.00	3.00	10
WB621	125	40	0.25	3.00	10
EB625	125	40	0.25	3.00	10
WB625	138	40	0.00	3.00	10
EB628	2013	70	1.00	1.50	35
WB628	2000	70	1.00	1.50	35

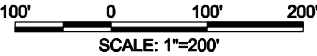
DRAFT WORK-IN-PROGRESS

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PURPLE LINE

LOW INVESTMENT LRT - PLAN
STA. LL600+00 TO STA. LL633+50

DATE: SEPTEMBER 2008

SCALE: AS SHOWN

CONTRACT NO.

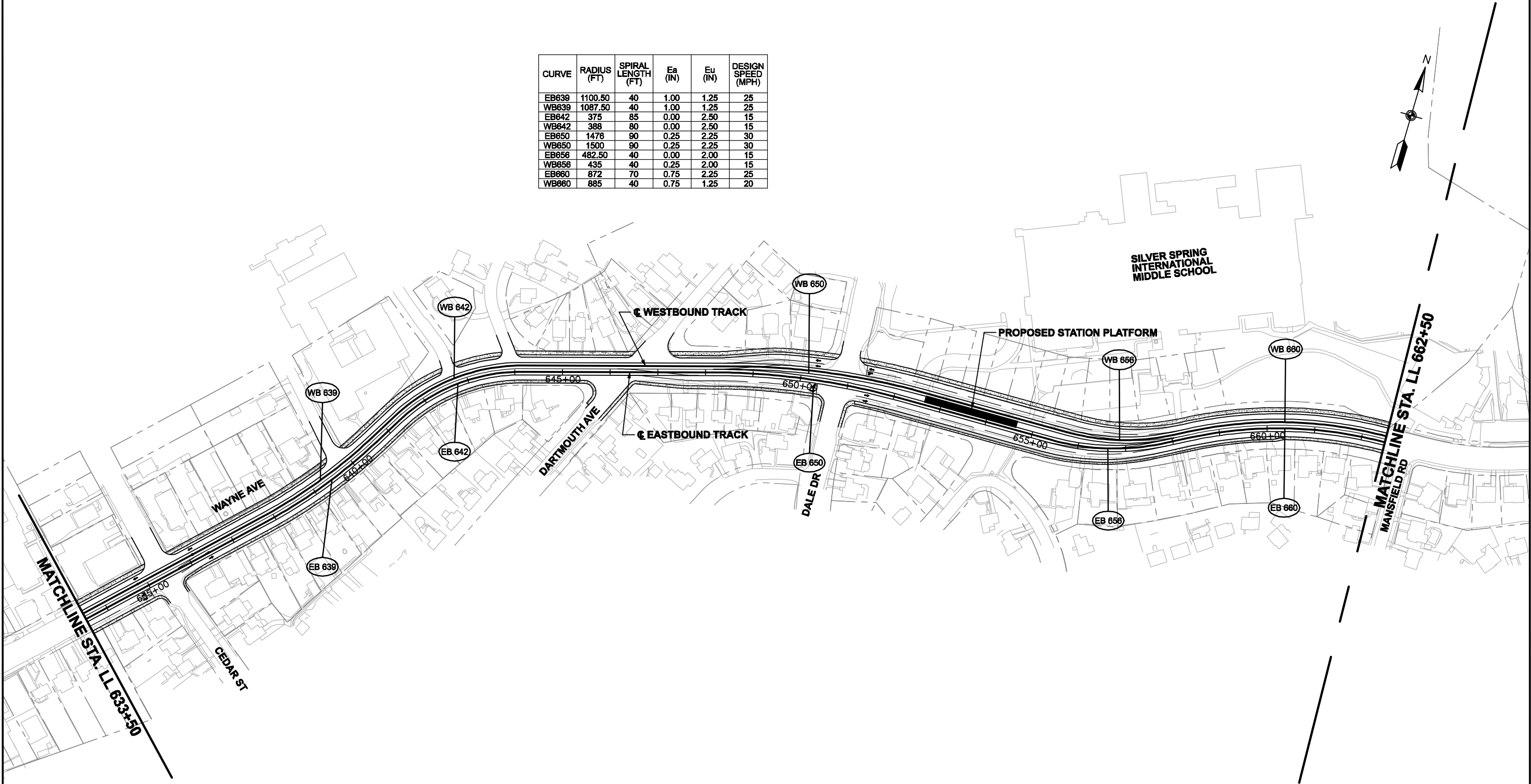
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LL-14

SHEET NO.

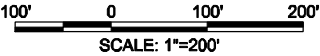
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CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB639	1100.50	40	1.00	1.25	25
WB639	1087.50	40	1.00	1.25	25
EB642	375	85	0.00	2.50	15
WB642	388	80	0.00	2.50	15
EB650	1476	90	0.25	2.25	30
WB650	1500	90	0.25	2.25	30
EB656	482.50	40	0.00	2.00	15
WB656	435	40	0.25	2.00	15
EB660	872	70	0.75	2.25	25
WB660	885	40	0.75	1.25	20



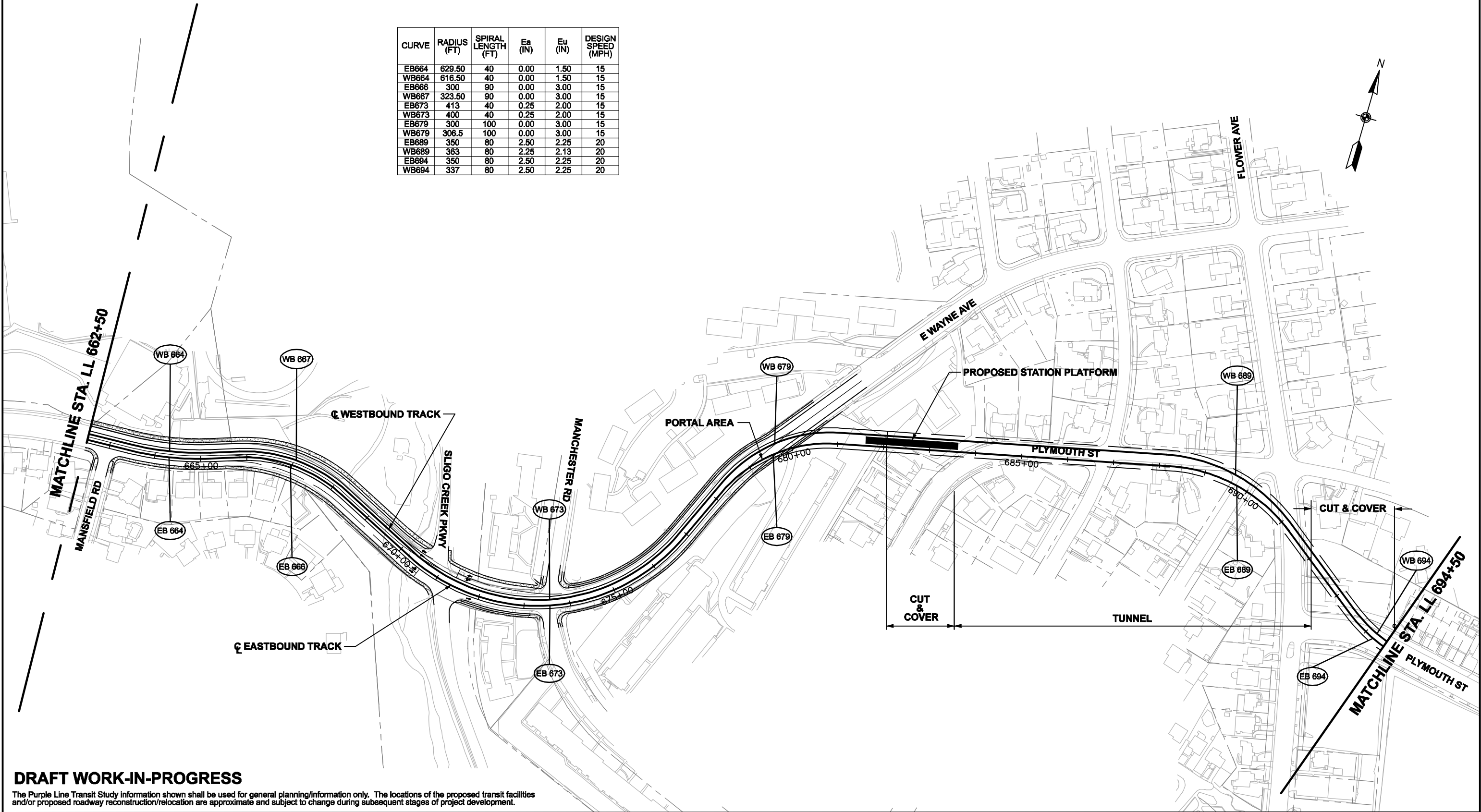
DRAFT WORK-IN-PROGRESS

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PURPLE LINE		CONTRACT NO.
LOW INVESTMENT LRT - PLAN		DRAWING NO.
STA. LL633+50 TO STA. LL662+50		LL-15
DATE: SEPTEMBER 2008		SHEET NO.
SCALE: AS SHOWN		183 OF 334

CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB664	629.50	40	0.00	1.50	15
WB664	616.50	40	0.00	1.50	15
EB666	300	90	0.00	3.00	15
WB667	323.50	90	0.00	3.00	15
EB673	413	40	0.25	2.00	15
WB673	400	40	0.25	2.00	15
EB679	300	100	0.00	3.00	15
WB679	306.5	100	0.00	3.00	15
EB689	350	80	2.50	2.25	20
WB689	363	80	2.25	2.13	20
EB694	350	80	2.50	2.25	20
WB694	337	80	2.50	2.25	20



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PURPLE LINE

LOW INVESTMENT LRT - PLAN
STA. LL662+50 TO STA. LL694+50

DATE: SEPTEMBER 2008

SCALE: AS SHOWN

CONTRACT NO.

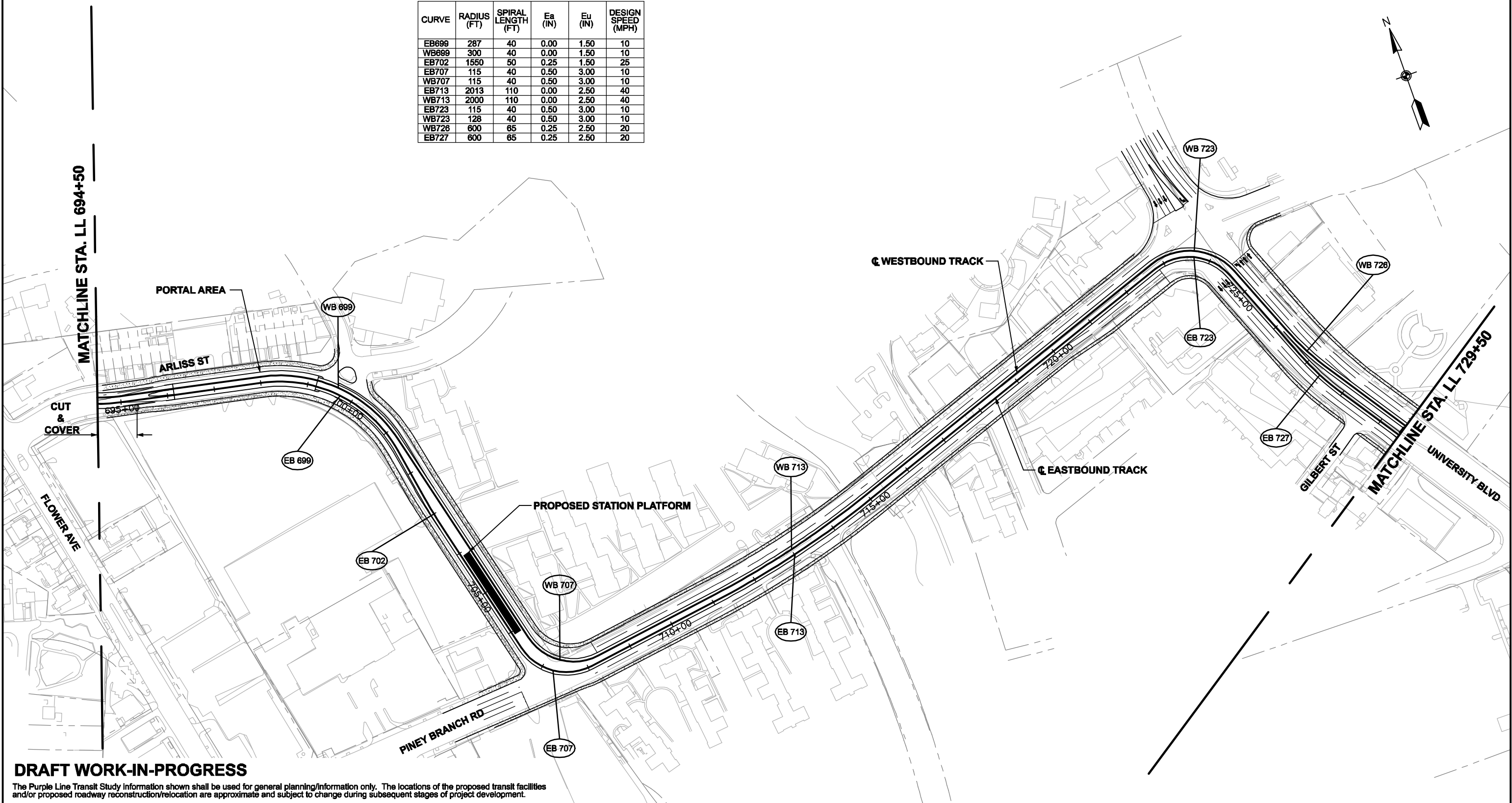
DRAWING NO.

LL-16

SHEET NO.

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CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB699	287	40	0.00	1.50	10
WB699	300	40	0.00	1.50	10
EB702	1550	50	0.25	1.50	25
EB707	115	40	0.50	3.00	10
WB707	115	40	0.50	3.00	10
EB713	2013	110	0.00	2.50	40
WB713	2000	110	0.00	2.50	40
EB723	115	40	0.50	3.00	10
WB723	128	40	0.50	3.00	10
WB726	600	65	0.25	2.50	20
EB727	600	65	0.25	2.50	20



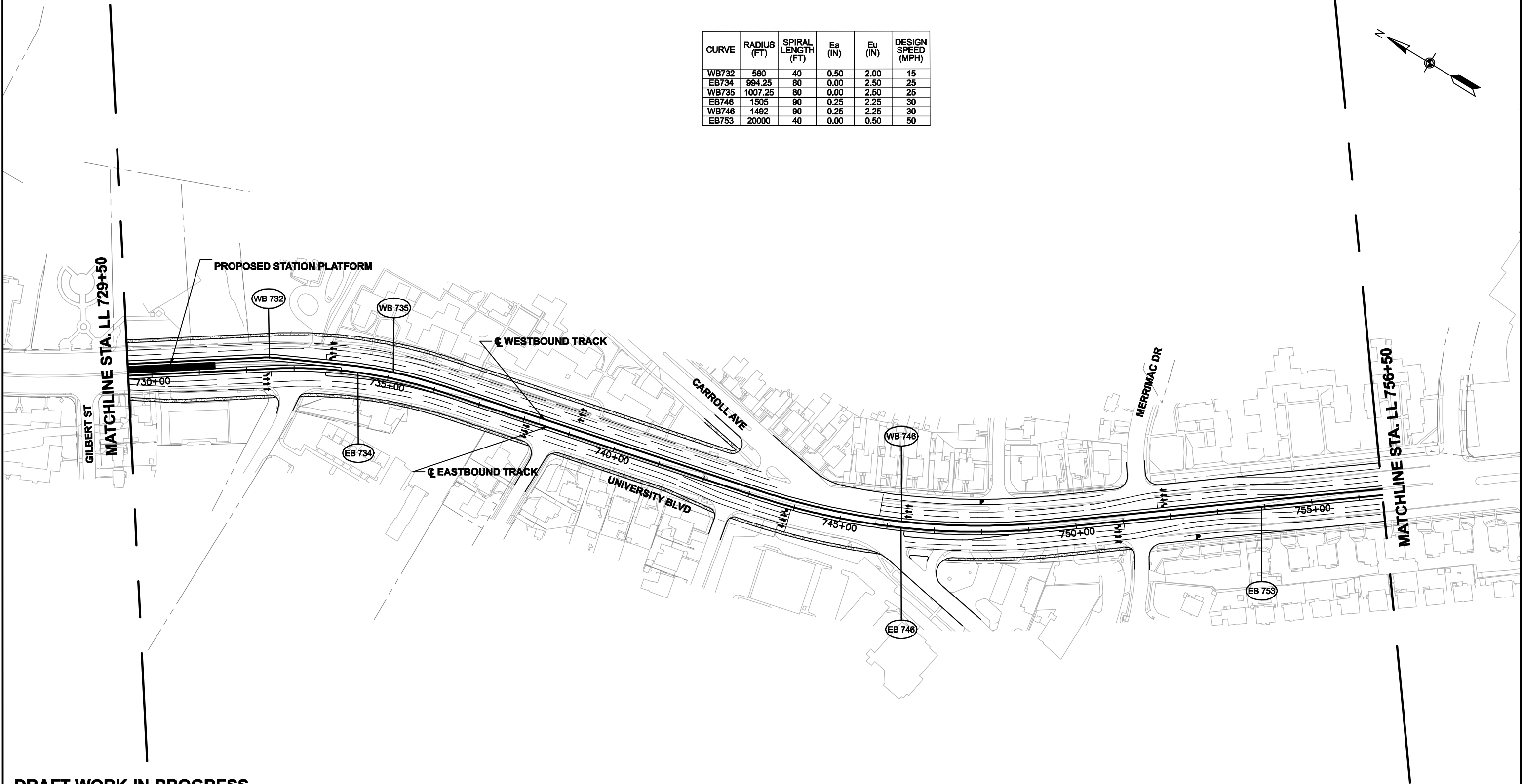
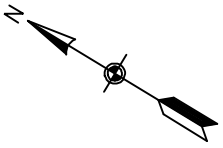
DRAFT WORK-IN-PROGRESS

The Purple Line Transit Study information shown shall be used for general planning/information only. The locations of the proposed transit facilities and/or proposed roadway reconstruction/relocation are approximate and subject to change during subsequent stages of project development.



PURPLE LINE		CONTRACT NO.
LOW INVESTMENT LRT - PLAN STA. LL694+50 TO STA. LL729+50		DRAWING NO. LL-17
DATE: SEPTEMBER 2008	SCALE: AS SHOWN	SHEET NO. 185 OF 334

CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
WB732	580	40	0.50	2.00	15
EB734	994.25	80	0.00	2.50	25
WB735	1007.25	80	0.00	2.50	25
EB746	1505	90	0.25	2.25	30
WB746	1492	90	0.25	2.25	30
EB753	20000	40	0.00	0.50	50

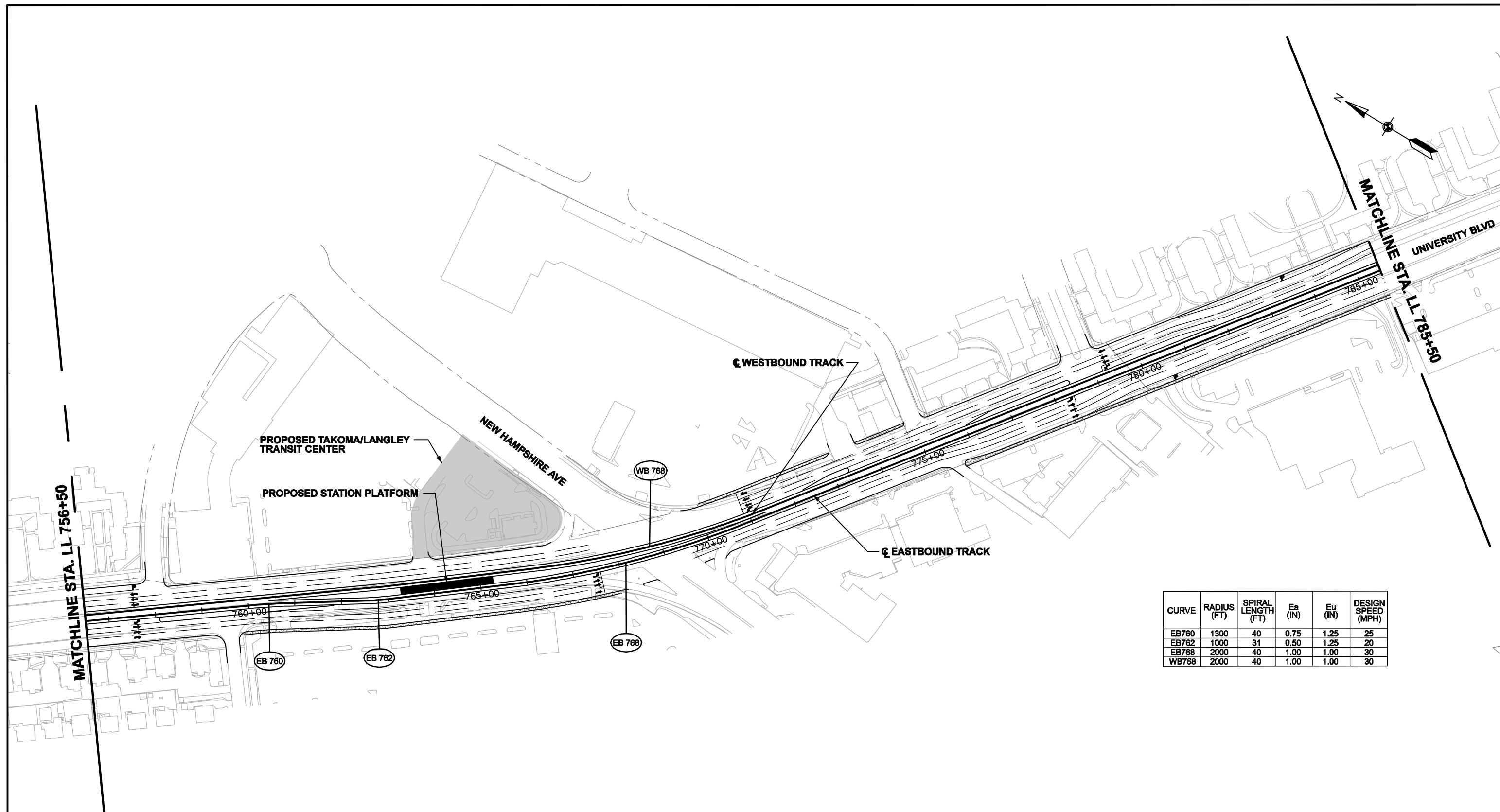


DRAFT WORK-IN-PROGRESS

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PURPLE LINE	CONTRACT NO.
	DRAWING NO.
	LL-18
	SHEET NO.
LOW INVESTMENT LRT - PLAN	
STA. LL729+50 TO STA. LL756+50	
DATE: SEPTEMBER 2008	SCALE: AS SHOWN
186 OF 334	

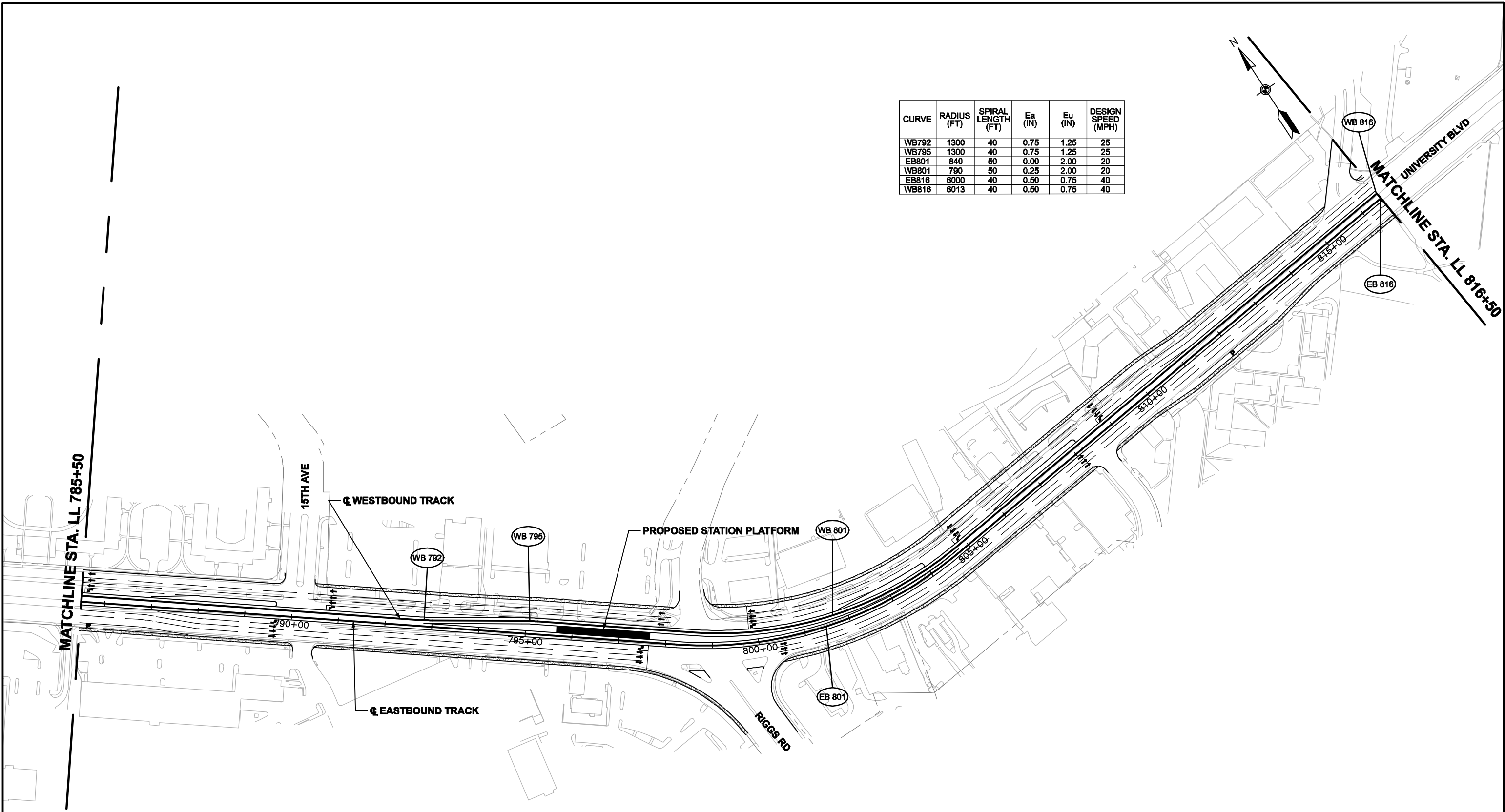


CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB760	1300	40	0.75	1.25	25
EB762	1000	31	0.50	1.25	20
EB768	2000	40	1.00	1.00	30
WB768	2000	40	1.00	1.00	30

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION 	 A Joint Venture of PARSONS BRINCKERHOFF QUADE & DOUGLAS RUMMEL, KLEPPER & KAHL, LLP		 SCALE: 1"=200'	PURPLE LINE		CONTRACT NO.
				LOW INVESTMENT LRT - PLAN STA. LL756+50 TO STA. LL785+50		DRAWING NO. LL-19
				DATE: SEPTEMBER 2008	SCALE: AS SHOWN	SHEET NO. 187 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
WB792	1300	40	0.75	1.25	25
WB795	1300	40	0.75	1.25	25
EB801	840	50	0.00	2.00	20
WB801	790	50	0.25	2.00	20
EB816	6000	40	0.50	0.75	40
WB816	6013	40	0.50	0.75	40

DRAFT WORK-IN-PROGRESS

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PURPLE LINE

LOW INVESTMENT LRT - PLAN
STA. LL785+50 TO STA. LL816+50

DATE: SEPTEMBER 2008

SCALE: AS SHOWN

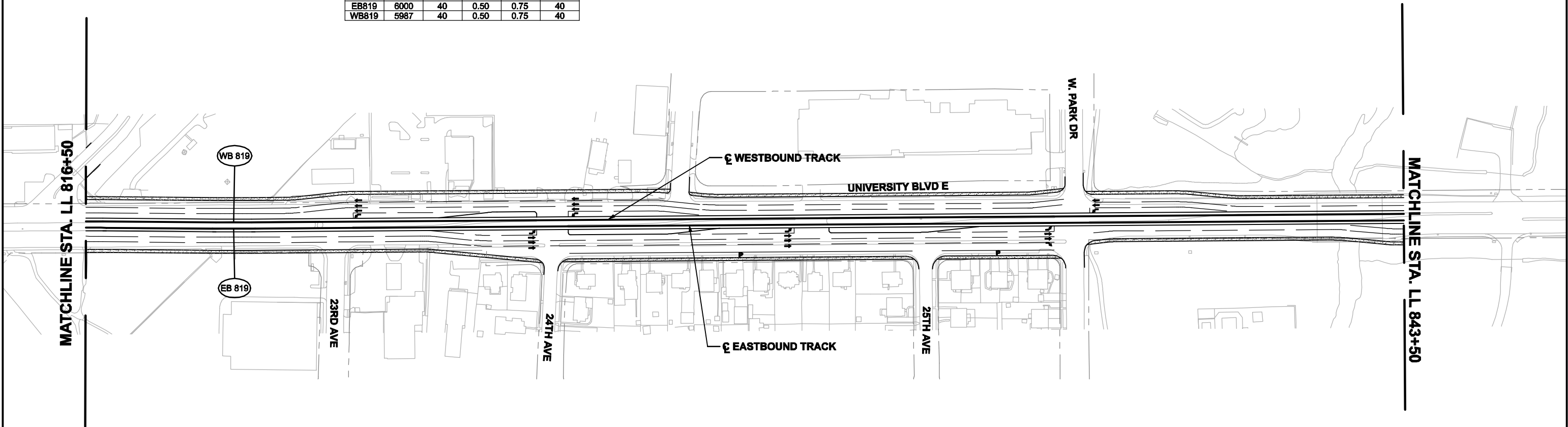
CONTRACT NO.

DRAWING NO.
LL-20

SHEET NO.
188 OF 334

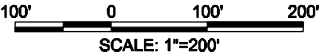


CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB819	6000	40	0.50	0.75	40
WB819	5987	40	0.50	0.75	40



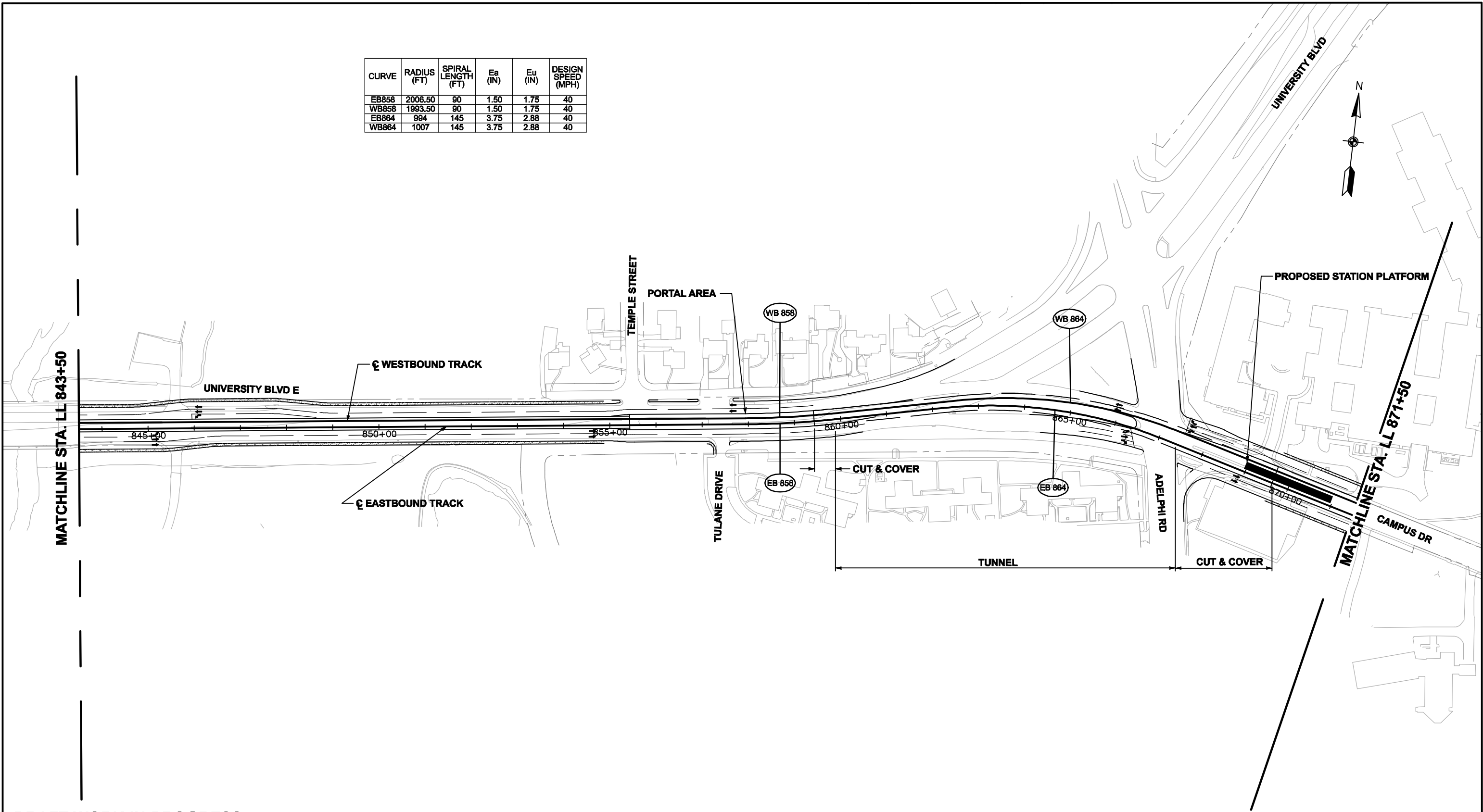
DRAFT WORK-IN-PROGRESS

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PURPLE LINE	CONTRACT NO.
	DRAWING NO.
	LL-21
	SHEET NO.
LOW INVESTMENT LRT - PLAN	
STA. LL816+50 TO STA. LL843+50	
DATE: SEPTEMBER 2008	SCALE: AS SHOWN
189 OF 334	

CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB858	2006.50	90	1.50	1.75	40
WB858	1993.50	90	1.50	1.75	40
EB864	994	145	3.75	2.88	40
WB864	1007	145	3.75	2.88	40



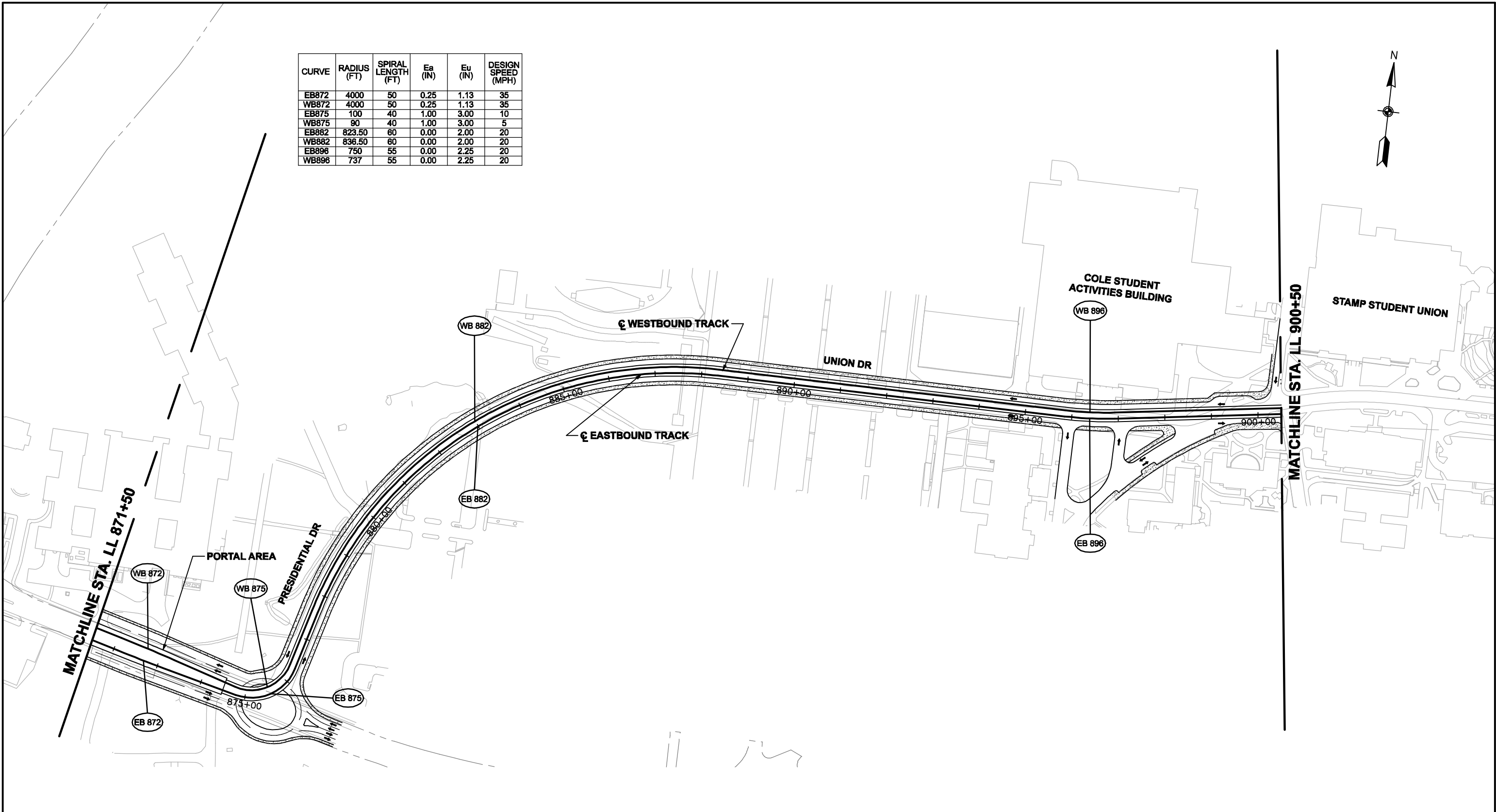
DRAFT WORK-IN-PROGRESS

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PURPLE LINE	CONTRACT NO.
	DRAWING NO.
	LL-22
	SHEET NO.
LOW INVESTMENT LRT - PLAN	
STA. LL843+50 TO STA. LL871+50	
DATE: SEPTEMBER 2008	SCALE: AS SHOWN
190 OF 334	

CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB872	4000	50	0.25	1.13	35
WB872	4000	50	0.25	1.13	35
EB875	100	40	1.00	3.00	10
WB875	90	40	1.00	3.00	5
EB882	823.50	60	0.00	2.00	20
WB882	836.50	60	0.00	2.00	20
EB896	750	55	0.00	2.25	20
WB896	737	55	0.00	2.25	20



DRAFT WORK-IN-PROGRESS

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PURPLE LINE

LOW INVESTMENT LRT - PLAN
STA. LL871+50 TO STA. LL900+50

DATE: SEPTEMBER 2008

SCALE: AS SHOWN

CONTRACT NO.

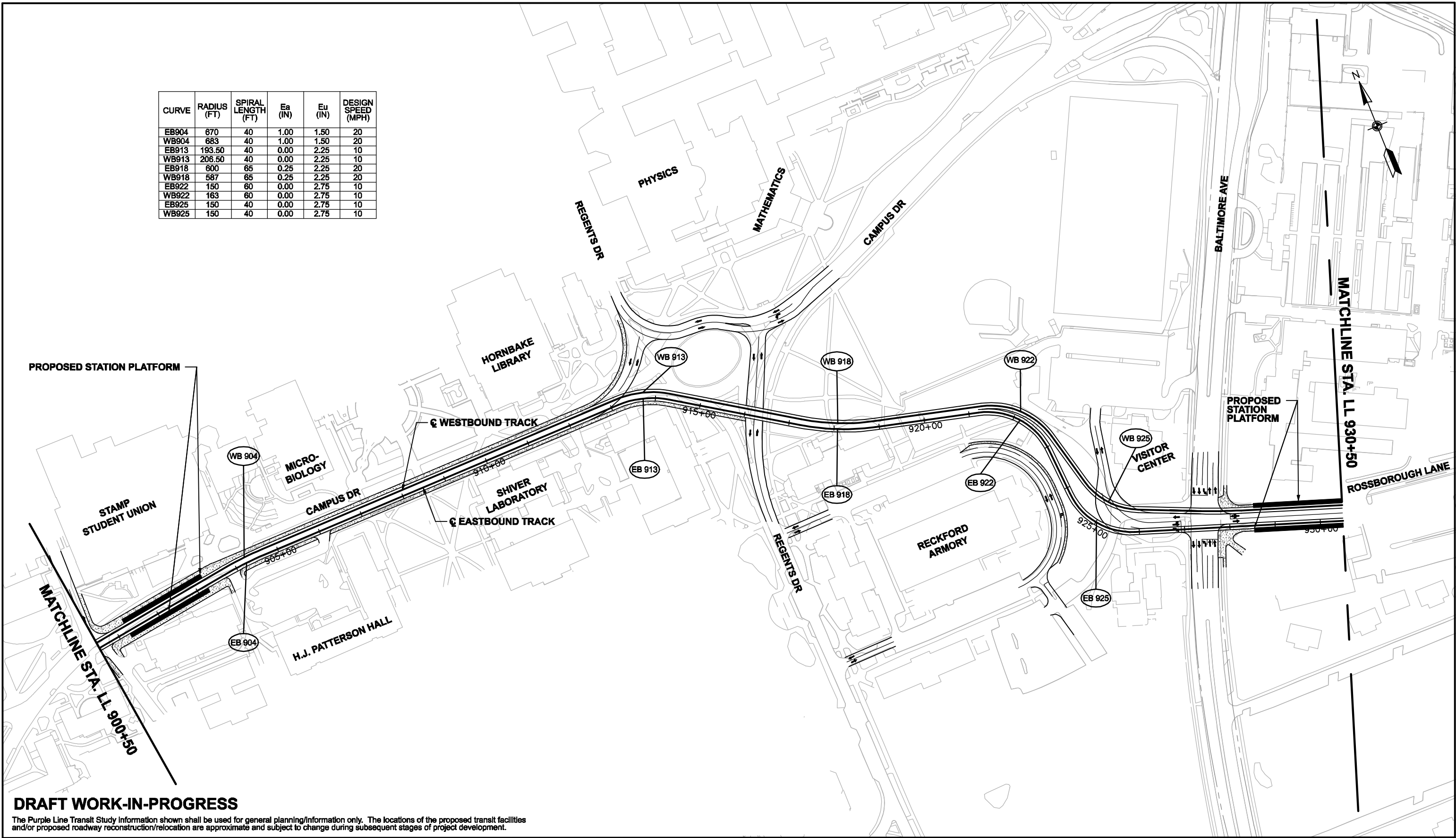
DRAWING NO.

LL-23

SHEET NO.

191 OF 334

CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB904	670	40	1.00	1.50	20
WB904	683	40	1.00	1.50	20
EB913	193.50	40	0.00	2.25	10
WB913	206.50	40	0.00	2.25	10
EB918	600	65	0.25	2.25	20
WB918	587	65	0.25	2.25	20
EB922	150	60	0.00	2.75	10
WB922	163	60	0.00	2.75	10
EB925	150	40	0.00	2.75	10
WB925	150	40	0.00	2.75	10



DRAFT WORK-IN-PROGRESS

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RUMMEL, KLEPPER & KAHL, LLP



PURPLE LINE

LOW INVESTMENT LRT - PLAN
STA. LL900+50 TO STA. LL930+50

DATE: SEPTEMBER 2008

SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.

LL-24

SHEET NO.

192 OF 334

EAST CAMPUS DEVELOPMENT
PROPOSED SITE

BALTIMORE AVE

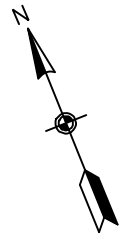
MATCHLINE STA. LL 930+50

ROSSBOROUGH LANE EXTENDED

PAINT BRANCH PKWY

MATCHLINE STA. LL 957+50

CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB931	400	60	0.00	2.25	15
WB931	365	60	0.00	2.50	15
EB938	200	40	0.00	2.75	10
WB938	100	40	1.00	3.00	10
EB942	690	40	0.25	2.00	15
WB942	666	40	0.25	2.00	15
EB956	550	80	0.00	3.00	20
WB956	550	80	0.00	3.00	20



DRAFT WORK-IN-PROGRESS

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RUMMEL, KLEPPER & KAHL, LLP



100' 0 100' 200'
SCALE: 1"=200'

PURPLE LINE

LOW INVESTMENT LRT - PLAN
STA. LL930+50 TO STA. LL957+50

DATE: SEPTEMBER 2008

SCALE: AS SHOWN

CONTRACT NO.

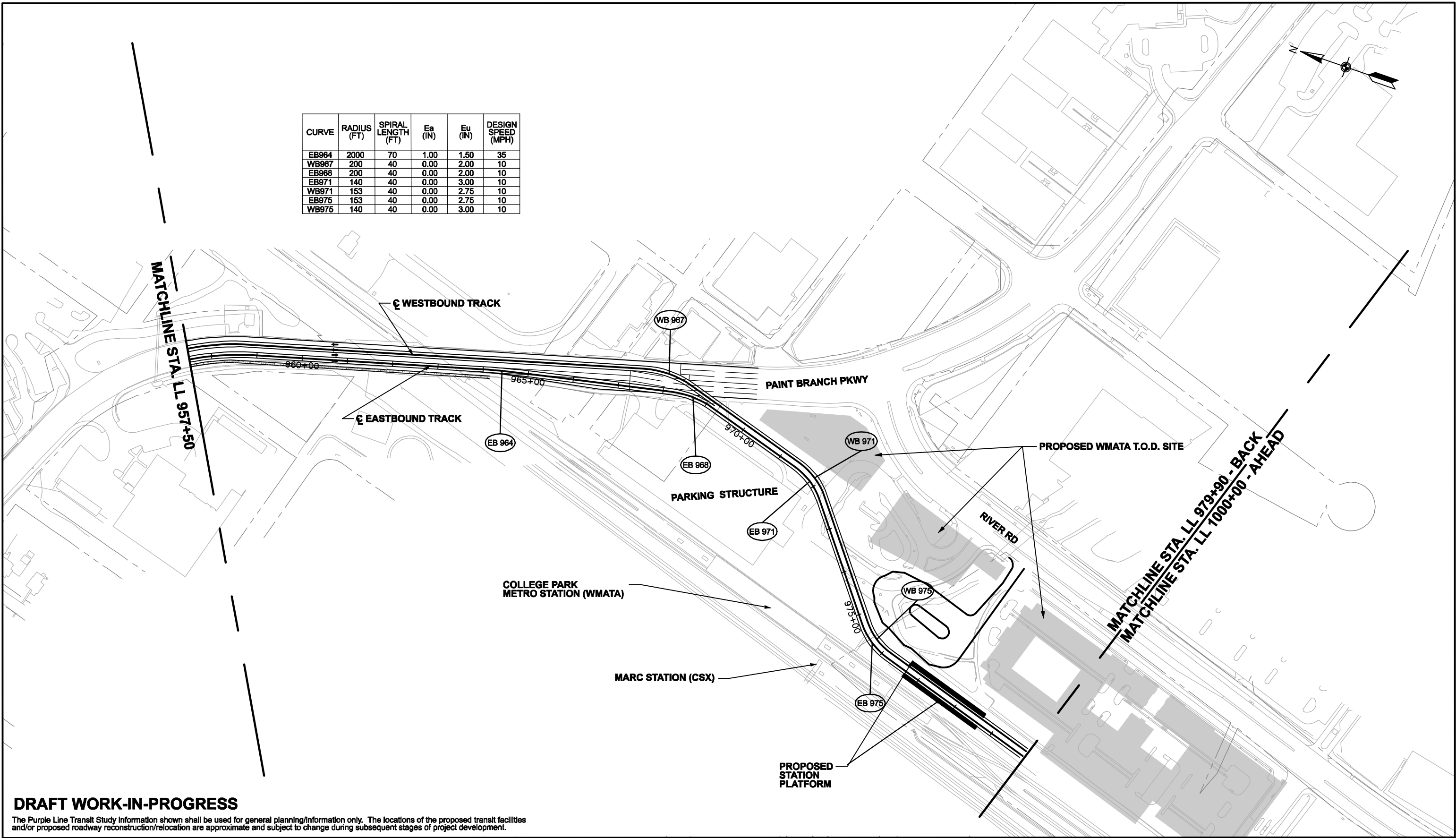
DRAWING NO.

LL-25

SHEET NO.

193 OF 334

CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	DESIGN SPEED (MPH)
EB964	2000	70	1.00	1.50	35
WB967	200	40	0.00	2.00	10
EB968	200	40	0.00	2.00	10
EB971	140	40	0.00	3.00	10
WB971	153	40	0.00	2.75	10
EB975	153	40	0.00	2.75	10
WB975	140	40	0.00	3.00	10

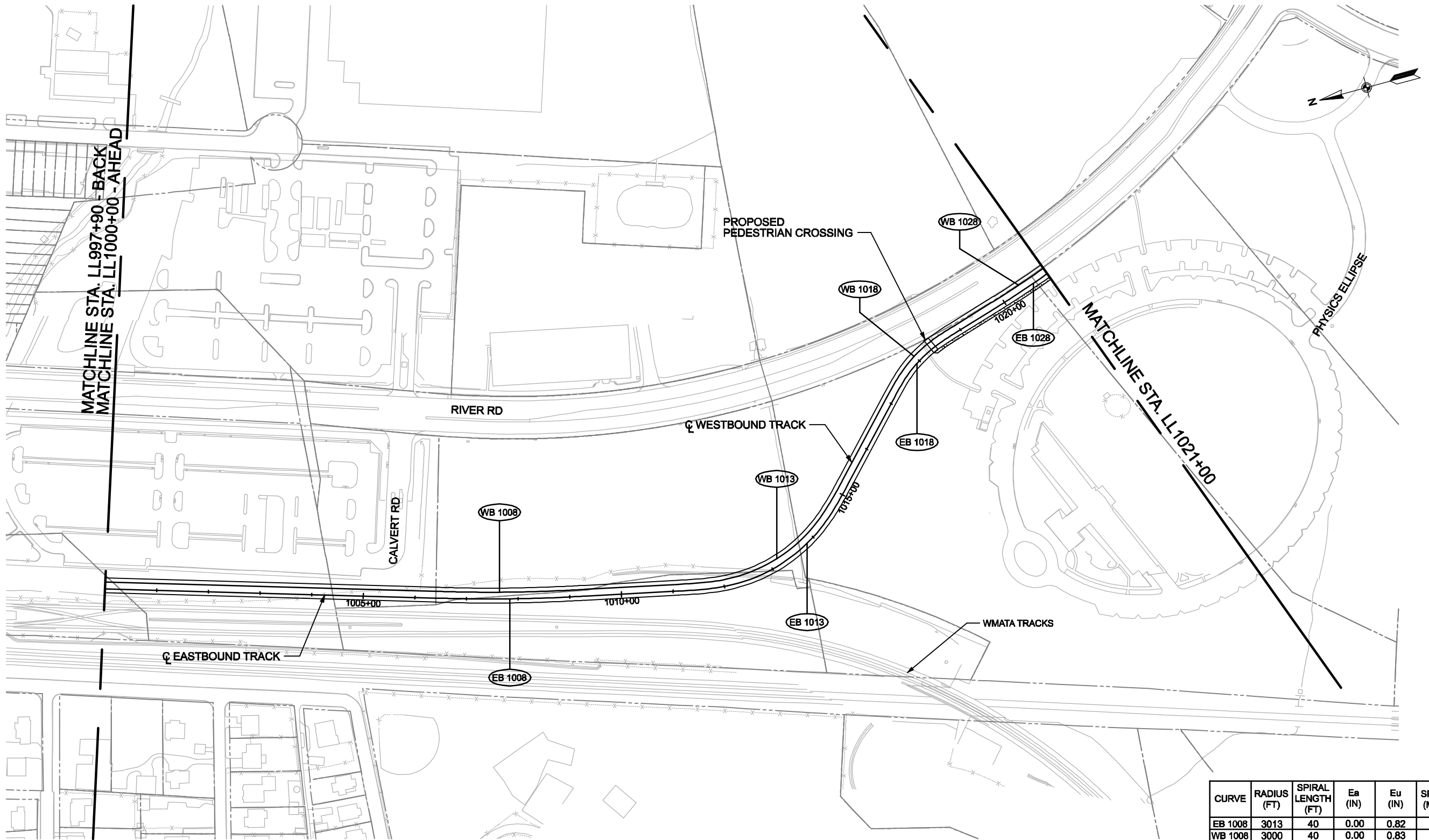


DRAFT WORK-IN-PROGRESS

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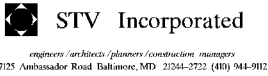
PURPLE LINE		CONTRACT NO.
LOW INVESTMENT LRT - PLAN		DRAWING NO.
STA. LL957+50 TO STA. LL979+90		LL-26
DATE: SEPTEMBER 2008		SHEET NO.
SCALE: AS SHOWN		194 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 1008	3013	40	0.00	0.82	25
WB 1008	3000	40	0.00	0.83	25
EB 1013	313	90	2.75	2.30	20
WB 1013	300	90	2.75	2.51	20
EB 1018	250	50	1.50	2.05	15
WB 1018	263	50	1.50	1.88	15
EB 1028	1830	40	0.25	1.10	25
WB 1028	1775	40	0.25	1.14	25

DRAFT WORK-IN-PROGRESS

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PURPLE LINE

LOW INVESTMENT LRT - PLAN
STA. LL1000+00 TO STA. LL1021+00

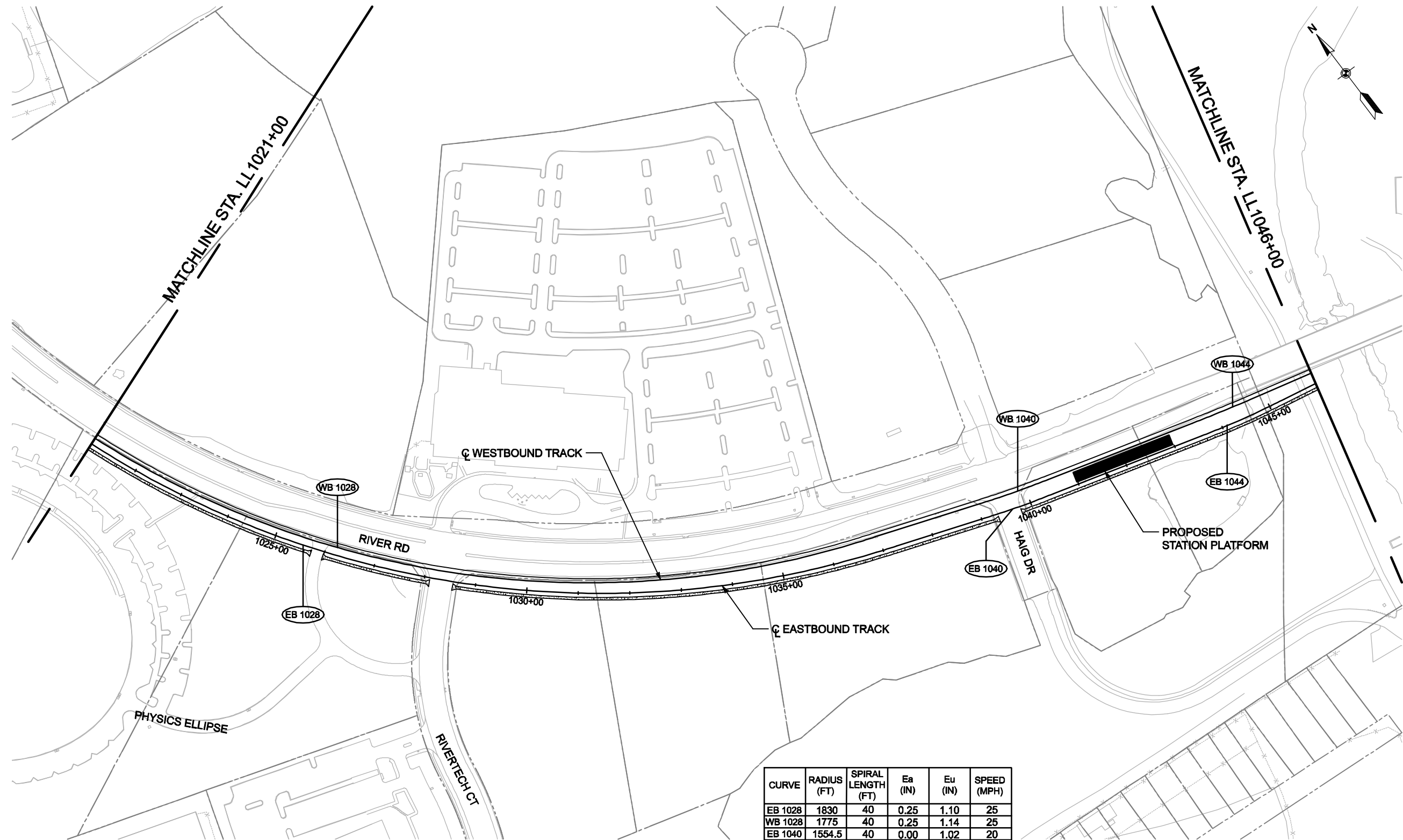
DATE: SEPTEMBER 2008

SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LL-27

SHEET NO.
195 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 1028	1830	40	0.25	1.10	25
WB 1028	1775	40	0.25	1.14	25
EB 1040	1554.5	40	0.00	1.02	20
WB 1040	1525	40	0.00	1.04	20
EB 1044	1500	40	0.50	1.15	25
WB 1044	3000	40	0.00	0.83	25

DRAFT WORK-IN-PROGRESS

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7125 Ambassador Road, Baltimore, MD 21244-2722 (410) 944-9112



JACOBS



PURPLE LINE

LOW INVESTMENT LRT - PLAN
STA. LL1021+00 TO STA. LL1046+00

DATE: SEPTEMBER 2008

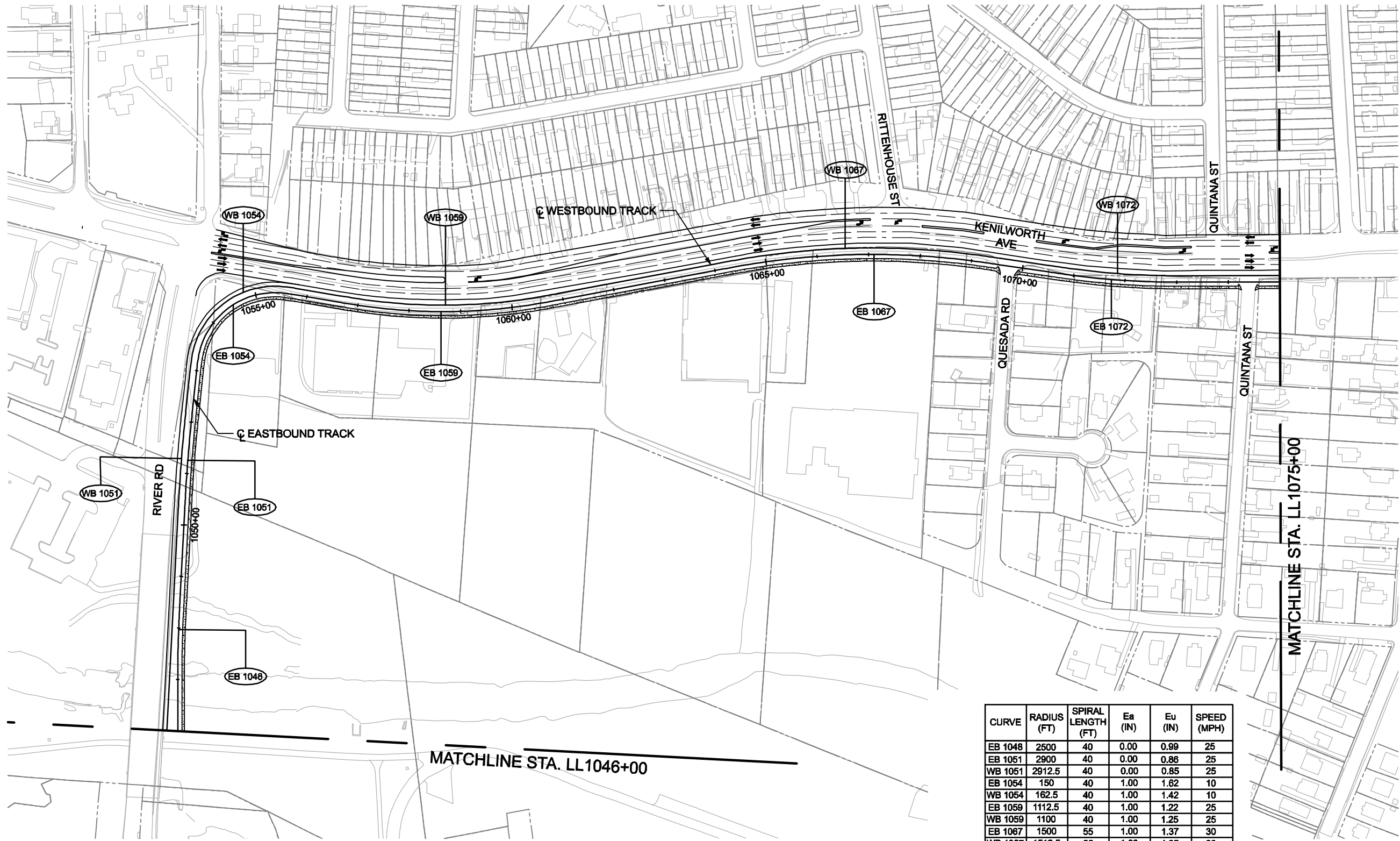
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CONTRACT NO.

DRAWING NO.
LL-28

SHEET NO.
196 OF 334

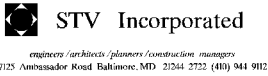
PLOTTED: 9/10/2008
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CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 1048	2500	40	0.00	0.99	25
EB 1051	2900	40	0.00	0.86	25
WB 1051	2912.5	40	0.00	0.85	25
EB 1054	150	40	1.00	1.62	10
WB 1054	162.5	40	1.00	1.42	10
EB 1059	1112.5	40	1.00	1.22	25
WB 1059	1100	40	1.00	1.25	25
EB 1067	1500	55	1.00	1.37	30
WB 1067	1512.5	55	1.00	1.35	30
EB 1072	1512.5	55	1.00	1.35	30
WB 1072	1500	55	1.00	1.37	30

DRAFT WORK-IN-PROGRESS

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PURPLE LINE

LOW INVESTMENT LRT - PLAN
STA. LL1046+00 TO STA. LL1075+00

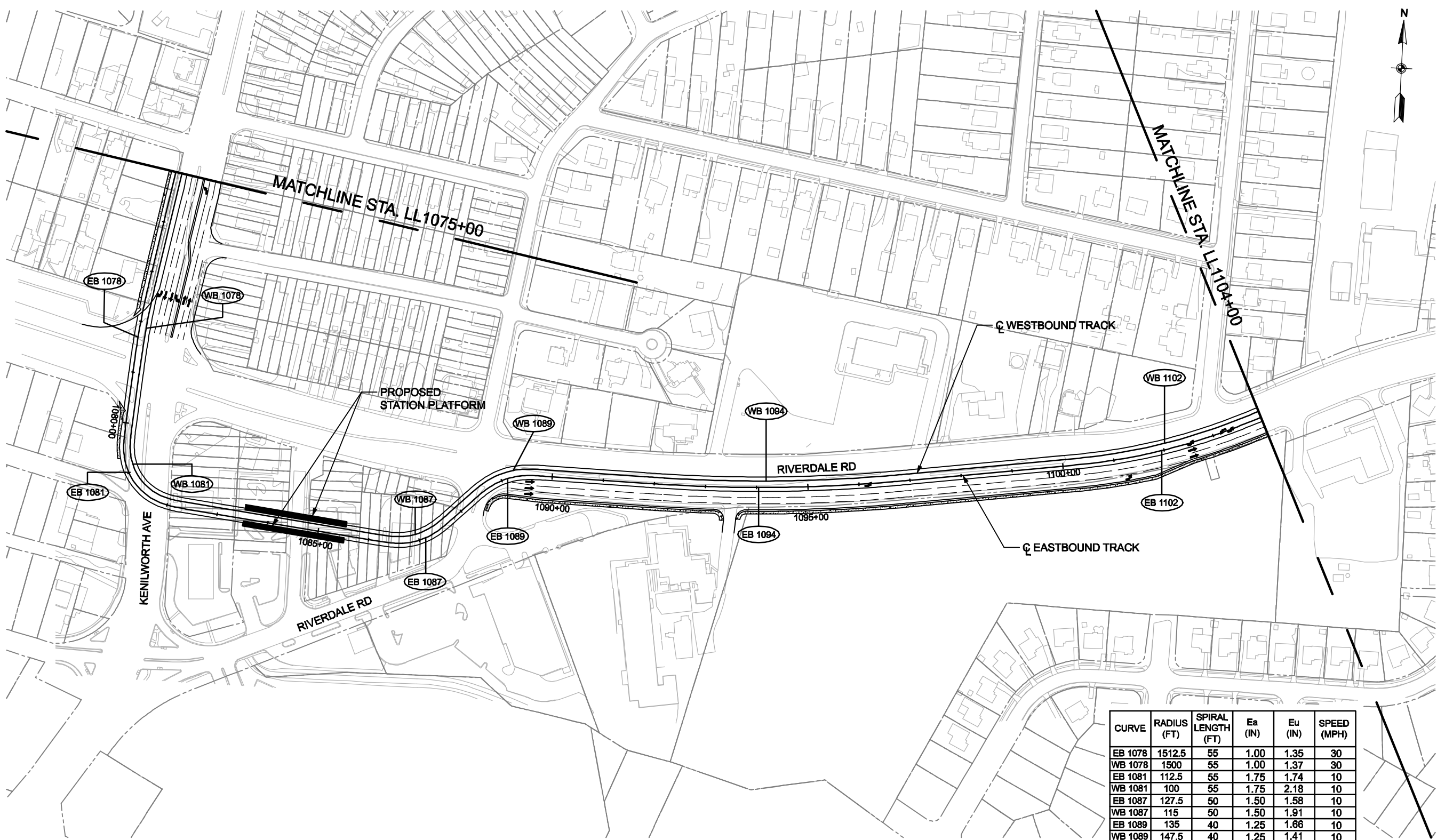
DATE: SEPTEMBER 2008

SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LL-29

SHEET NO.
197 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 1078	1512.5	55	1.00	1.35	30
WB 1078	1500	55	1.00	1.37	30
EB 1081	112.5	55	1.75	1.74	10
WB 1081	100	55	1.75	2.18	10
EB 1087	127.5	50	1.50	1.58	10
WB 1087	115	50	1.50	1.91	10
EB 1089	135	40	1.25	1.66	10
WB 1089	147.5	40	1.25	1.41	10
EB 1094	3012.5	45	0.00	1.18	30
WB 1094	3000	45	0.00	1.19	30
EB 1102	1182.5	60	1.50	1.58	30
WB 1102	1150	60	1.50	1.59	30

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION



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7825 Ambassadors Road Baltimore, MD 21244-2722 (410) 944-9112



PURPLE LINE

LOW INVESTMENT LRT - PLAN
STA. LL1075+00 TO STA. LL1104+00

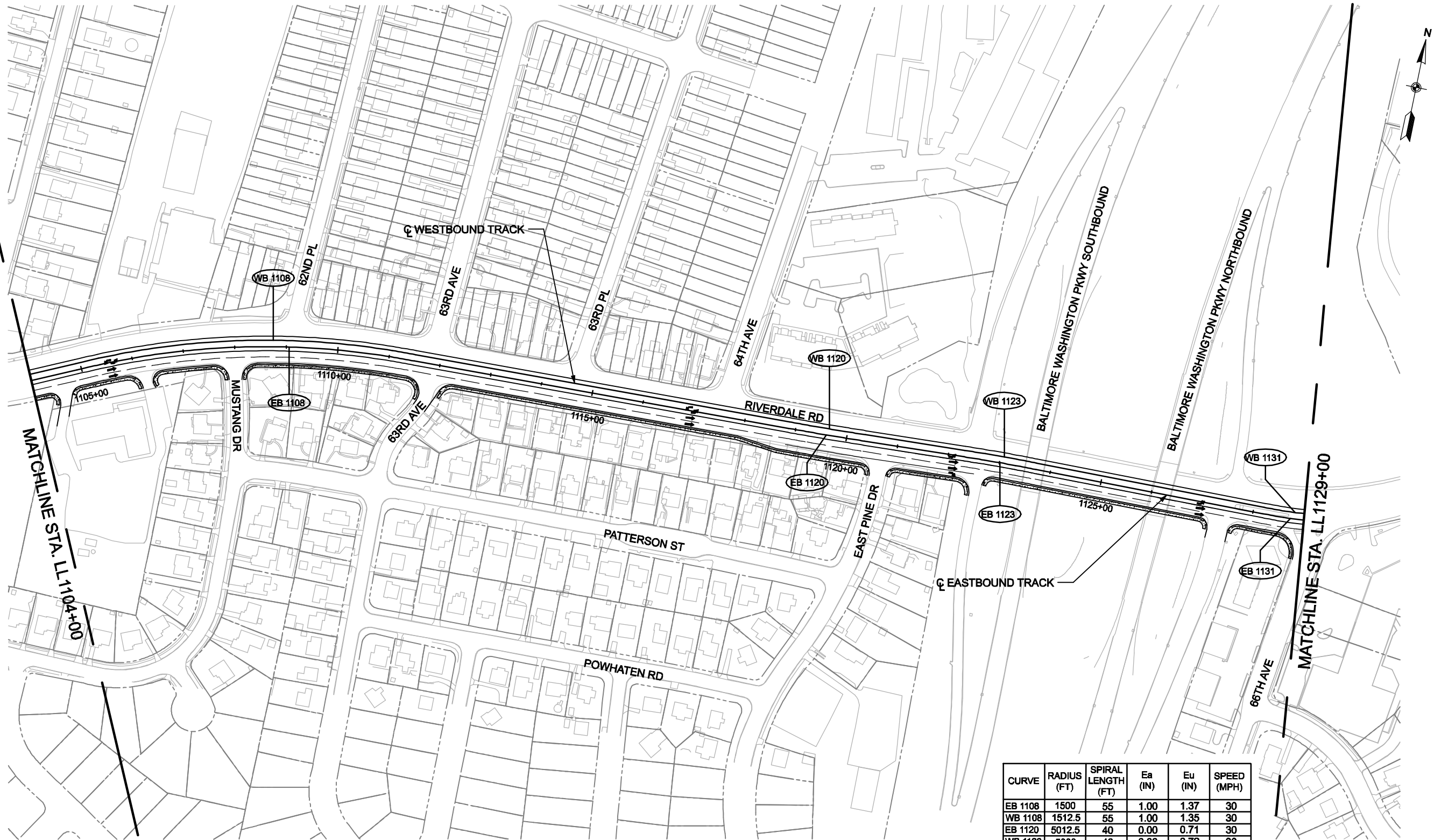
DATE: SEPTEMBER 2008

SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LL-30

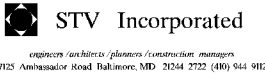
SHEET NO.
198 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 1108	1500	55	1.00	1.37	30
WB 1108	1512.5	55	1.00	1.35	30
EB 1120	5012.5	40	0.00	0.71	30
WB 1120	5000	40	0.00	0.72	30
EB 1123	2800	40	0.25	1.02	30
WB 1123	2812.5	40	0.25	1.02	30
EB 1131	612.5	105	3.25	2.55	30
WB 1131	600	105	3.25	2.68	30

DRAFT WORK-IN-PROGRESS

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PURPLE LINE

LOW INVESTMENT LRT - PLAN
STA. LL1104+00 TO STA. LL1129+00

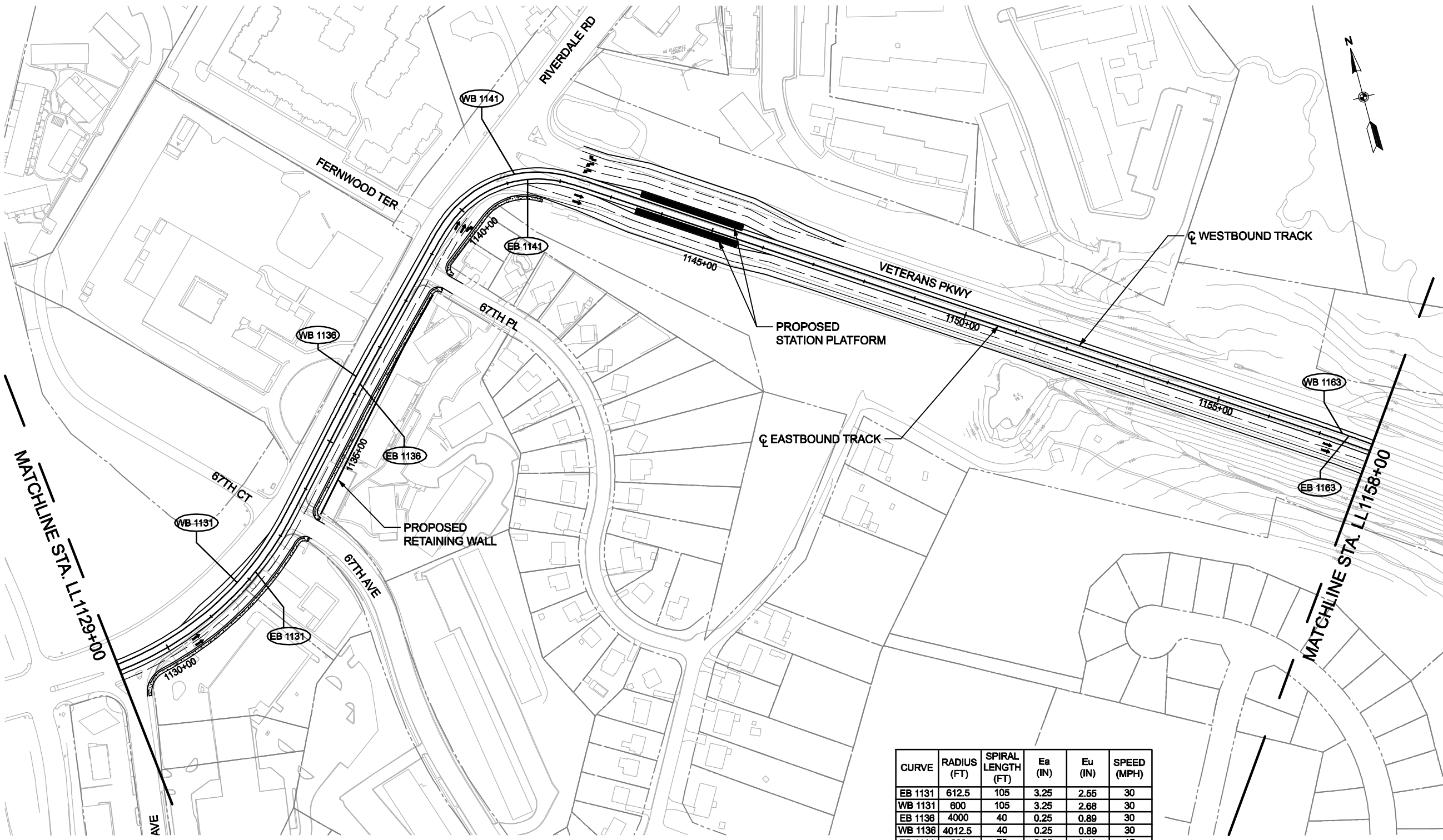
DATE: SEPTEMBER 2008

SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LL-31

SHEET NO.
199 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 1131	612.5	105	3.25	2.55	30
WB 1131	600	105	3.25	2.68	30
EB 1136	4000	40	0.25	0.89	30
WB 1136	4012.5	40	0.25	0.89	30
EB 1141	200	70	2.25	2.18	15
WB 1141	212.5	70	2.25	1.92	15
EB 1163	4000	70	0.75	1.26	45
WB 1163	4013	70	0.75	1.25	45

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION



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JACOBS

Purple Line



PURPLE LINE

LOW INVESTMENT LRT - PLAN
STA. LL1129+00 TO STA. LL1158+00

DATE: SEPTEMBER 2008

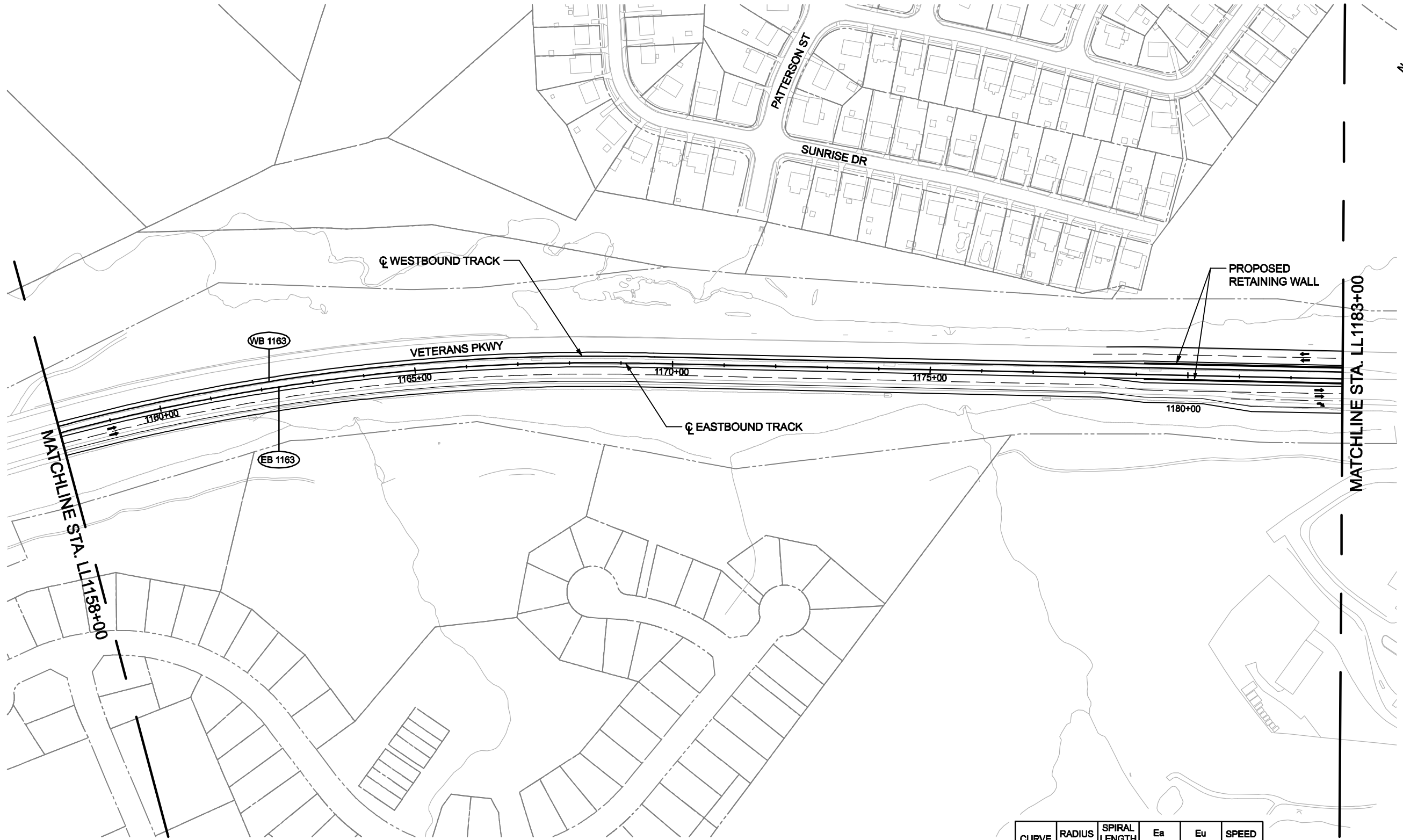
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CONTRACT NO.

DRAWING NO.
LL-32

SHEET NO.
200 OF 334

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DRAFT WORK-IN-PROGRESS

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CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 1163	4000	70	0.75	1.26	45
WB 1163	4013	70	0.75	1.25	45

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7125 Annapolis Road Baltimore, MD 21241-2722 (410) 914-9112



PURPLE LINE

LOW INVESTMENT LRT - PLAN
STA. LL1158+00 TO STA. LL1183+00

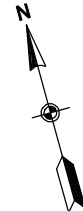
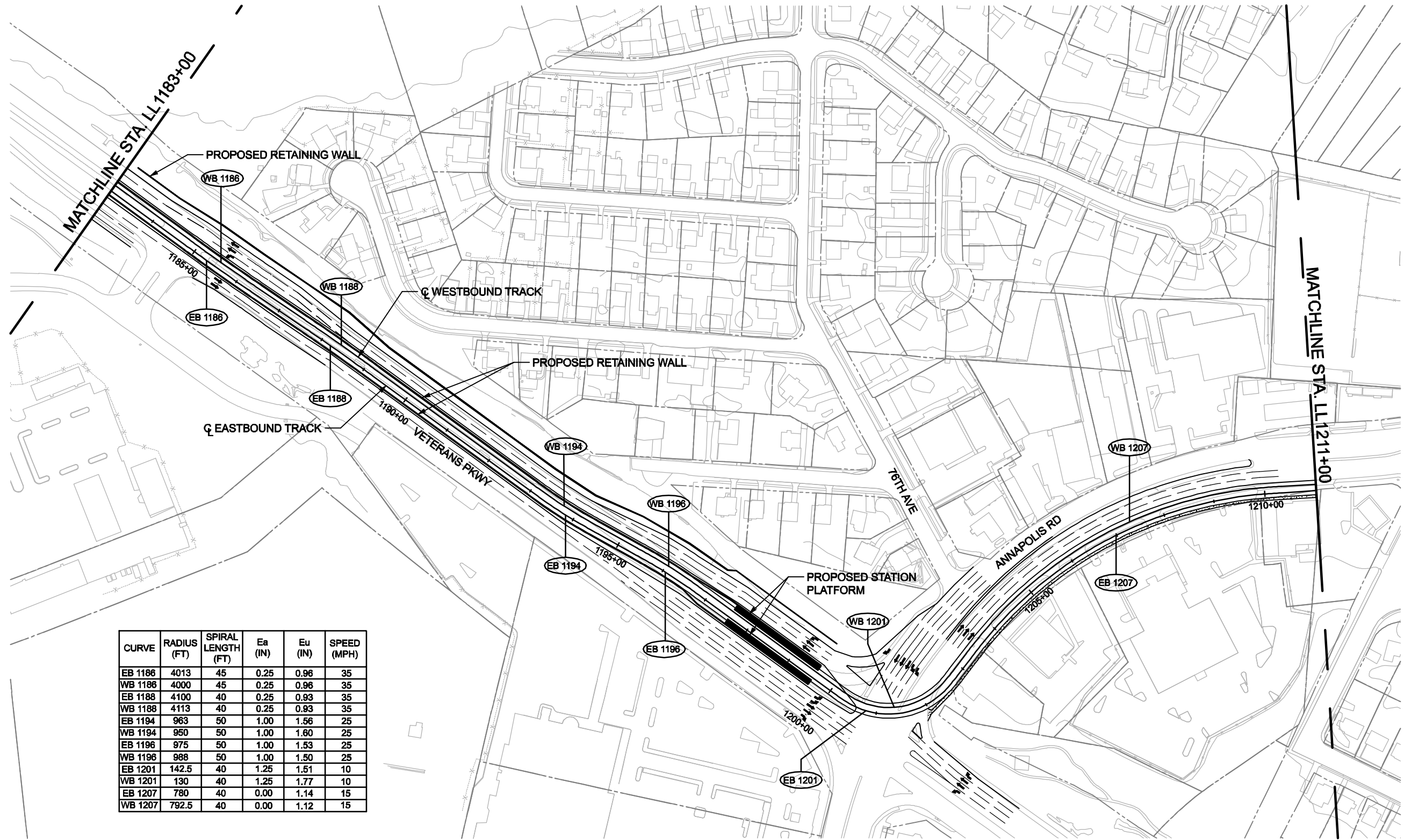
DATE: SEPTEMBER 2008

SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LL-33

SHEET NO.
201 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 1186	4013	45	0.25	0.96	35
WB 1186	4000	45	0.25	0.96	35
EB 1188	4100	40	0.25	0.93	35
WB 1188	4113	40	0.25	0.93	35
EB 1194	963	50	1.00	1.56	25
WB 1194	950	50	1.00	1.60	25
EB 1196	975	50	1.00	1.53	25
WB 1196	988	50	1.00	1.50	25
EB 1201	142.5	40	1.25	1.51	10
WB 1201	130	40	1.25	1.77	10
EB 1207	780	40	0.00	1.14	15
WB 1207	792.5	40	0.00	1.12	15

DRAFT WORK-IN-PROGRESS

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PURPLE LINE

LOW INVESTMENT LRT - PLAN
STA. LL1183+00 TO STA. LL1211+00

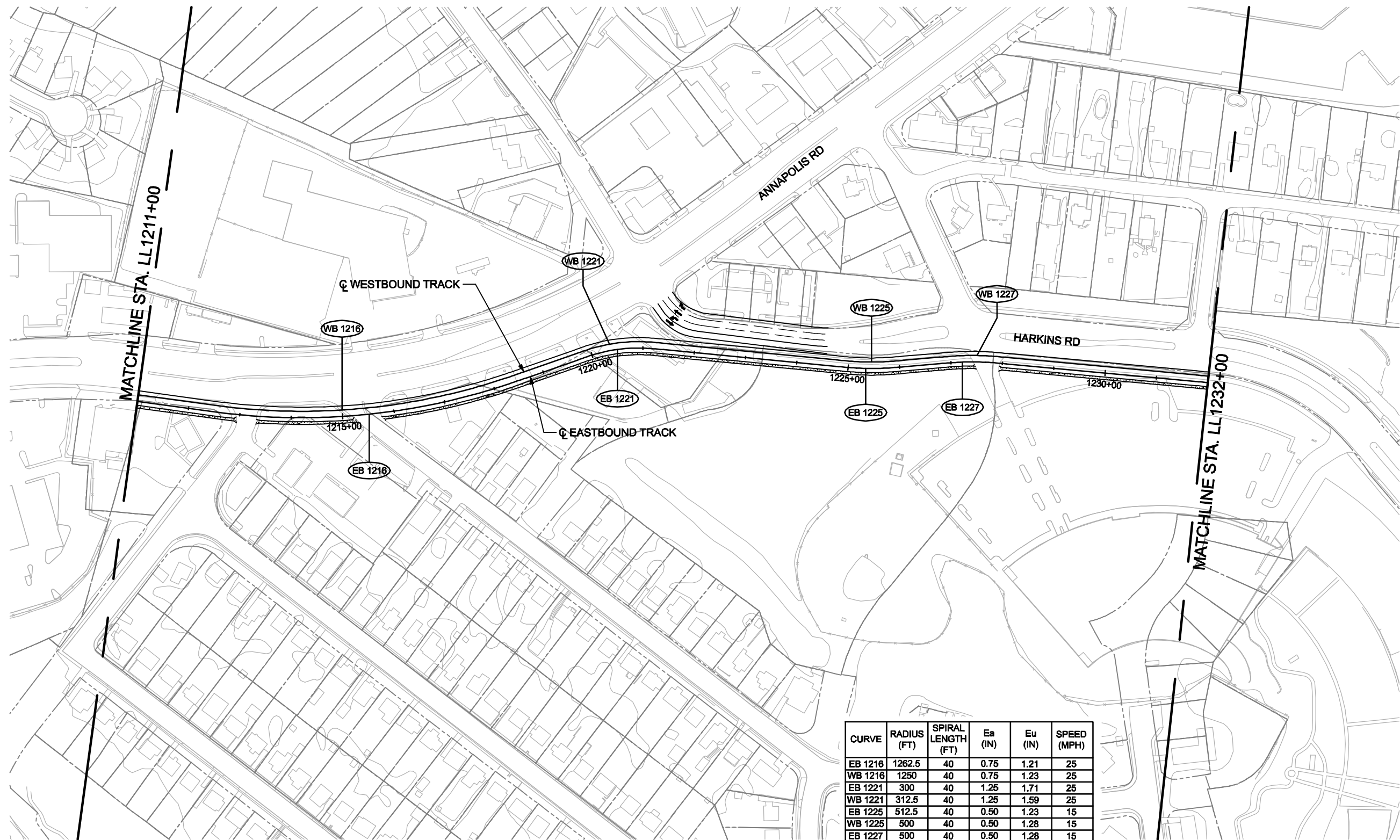
DATE: SEPTEMBER 2008

SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LL-34

SHEET NO.
202 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 1216	1262.5	40	0.75	1.21	25
WB 1216	1250	40	0.75	1.23	25
EB 1221	300	40	1.25	1.71	25
WB 1221	312.5	40	1.25	1.59	25
EB 1225	512.5	40	0.50	1.23	15
WB 1225	500	40	0.50	1.28	15
EB 1227	500	40	0.50	1.28	15
WB 1227	512.5	40	0.50	1.23	15

DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION



STV Incorporated

engineers/architects/planners/construction managers
7225 Annapolis Road Baltimore, MD 21244-2722 (410) 944-9112



JACOBS



PURPLE LINE

LOW INVESTMENT LRT - PLAN
STA. LL1211+00 TO STA. LL1232+00

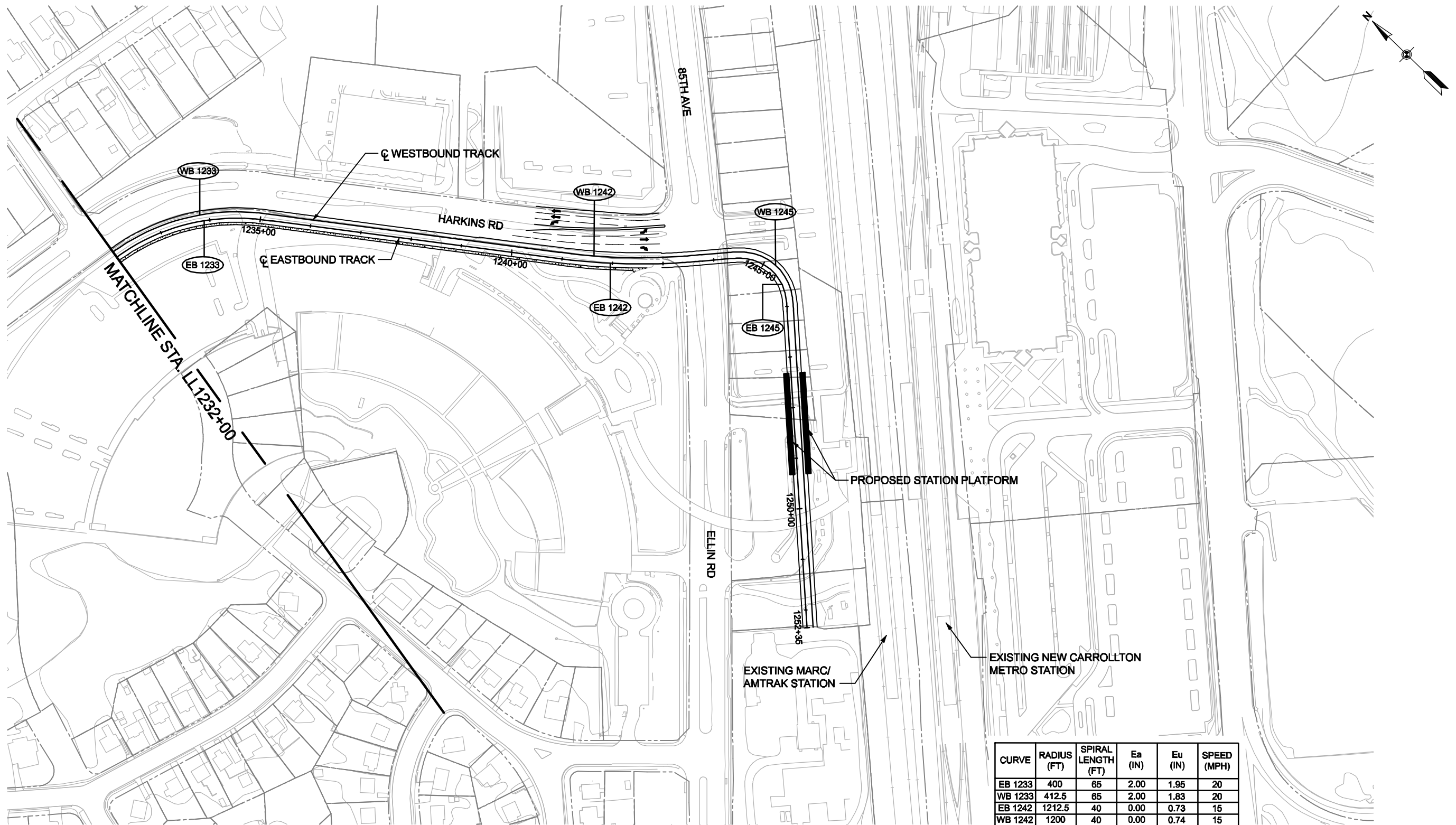
DATE: SEPTEMBER 2008

SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LL-35

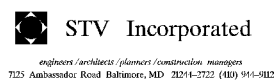
SHEET NO.
203 OF 334



CURVE	RADIUS (FT)	SPIRAL LENGTH (FT)	Ea (IN)	Eu (IN)	SPEED (MPH)
EB 1233	400	65	2.00	1.95	20
WB 1233	412.5	65	2.00	1.83	20
EB 1242	1212.5	40	0.00	0.73	15
WB 1242	1200	40	0.00	0.74	15
EB 1245	90	40	0.00	1.08	5
WB 1245	102.5	40	0.00	0.95	5

DRAFT WORK-IN-PROGRESS

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PURPLE LINE

LOW INVESTMENT LRT - PLAN
STA. LL1232+00 TO STA. LL1252+35

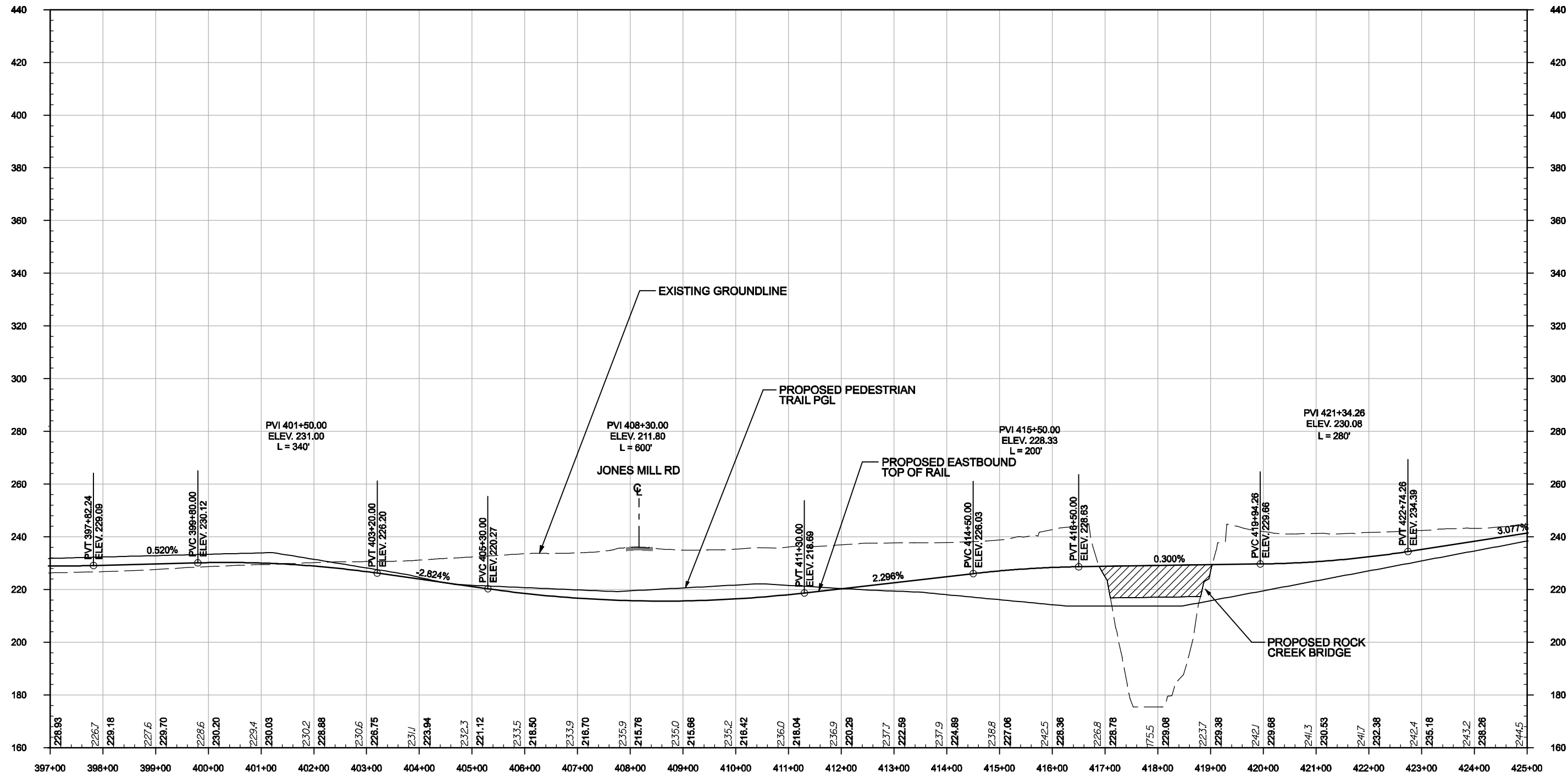
DATE: SEPTEMBER 2008

SCALE: AS SHOWN

CONTRACT NO.

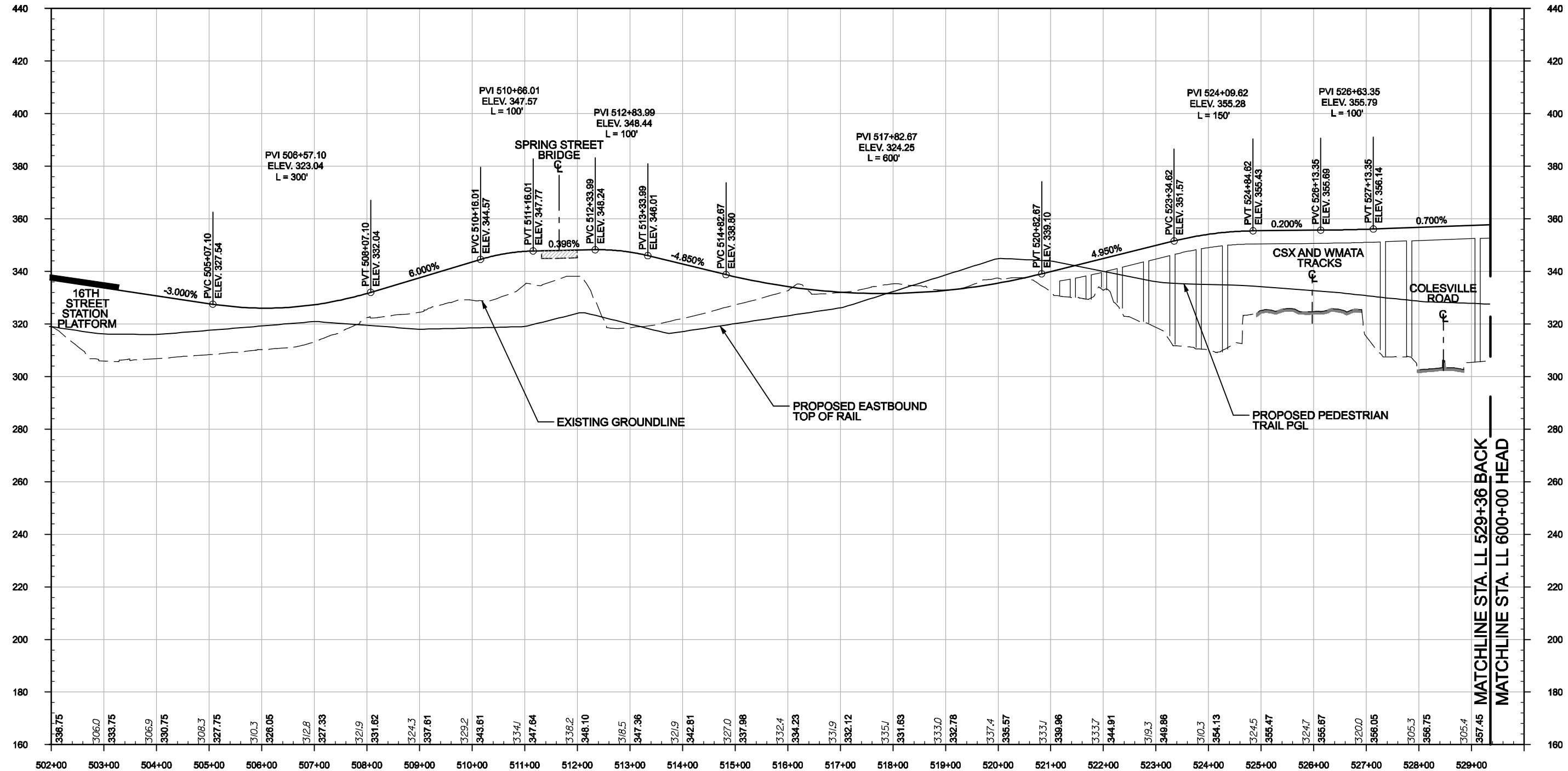
DRAWING NO.
LL-36

SHEET NO.
204 OF 334



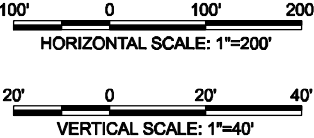
DRAFT WORK-IN-PROGRESS

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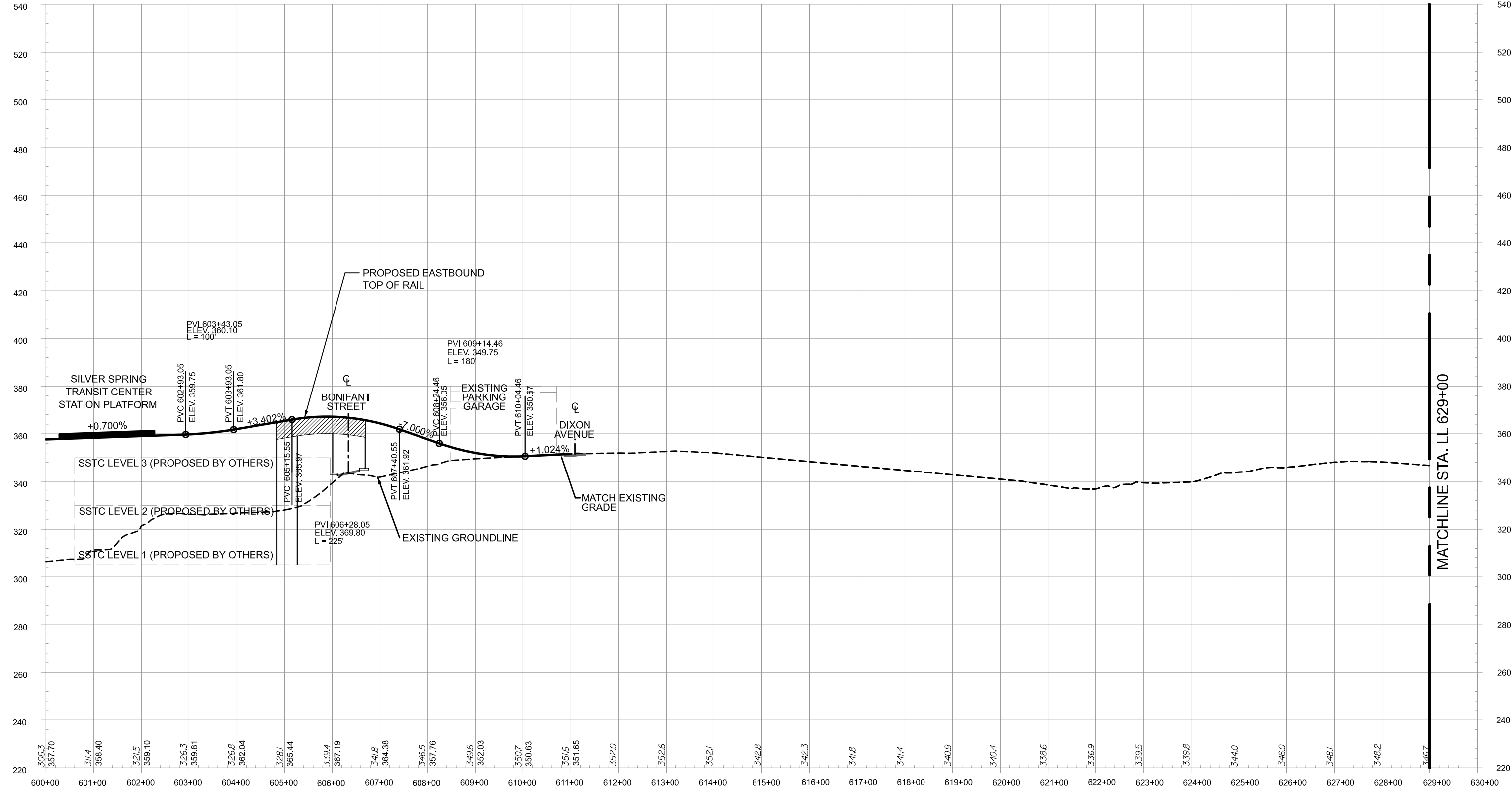
DRAFT WORK-IN-PROGRESS

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PURPLE LINE		CONTRACT NO.
LOW INVESTMENT LRT - PROFILE STA. LL504+00 TO STA. LL529+36		DRAWING NO. LL-40
DATE: SEPTEMBER 2008		SHEET NO. 208 OF 334
SCALE: AS SHOWN		

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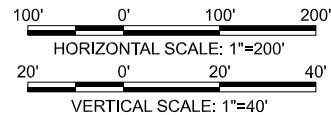
DRAFT WORK-IN-PROGRESS

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MARYLAND DEPARTMENT OF TRANSPORTATION



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RUMMEL, KLEPPER & KAHL, LLP



PURPLE LINE

LOW INVESTMENT LRT - PROFILE
STA. LL600+00 TO STA. LL629+00

DATE: SEPTEMBER 2008

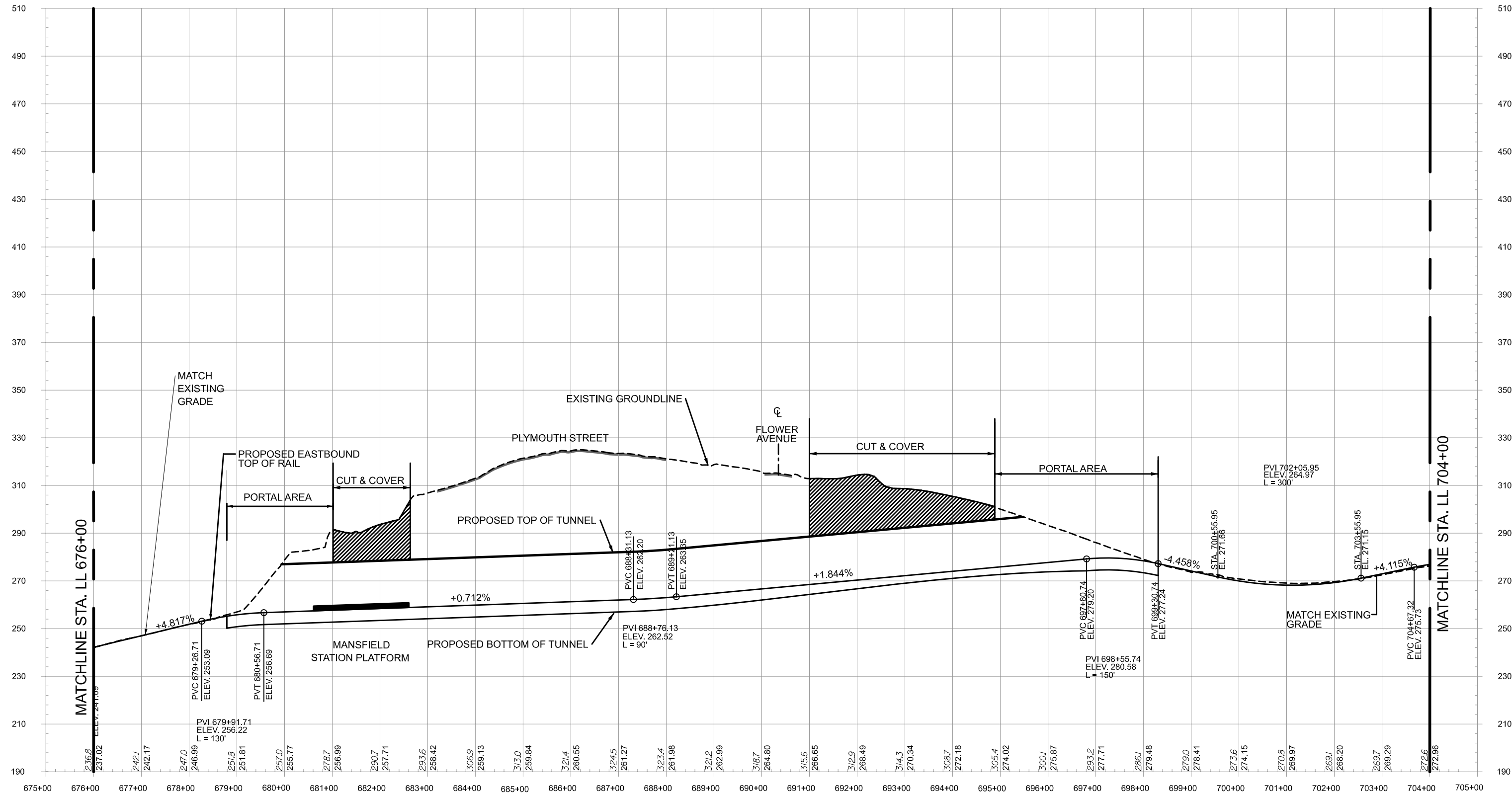
SCALE: AS SHOWN

CONTRACT NO.

DRAWING NO.
LL-41

SHEET NO.
209 OF 334

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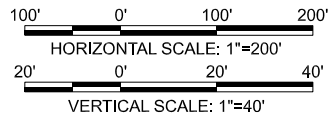
DRAFT WORK-IN-PROGRESS

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PURPLE LINE

LOW INVESTMENT LRT - PROFILE
STA. LL676+00 TO STA. LL704+00

DATE: SEPTEMBER 2008

SCALE: AS SHOWN

CONTRACT NO.

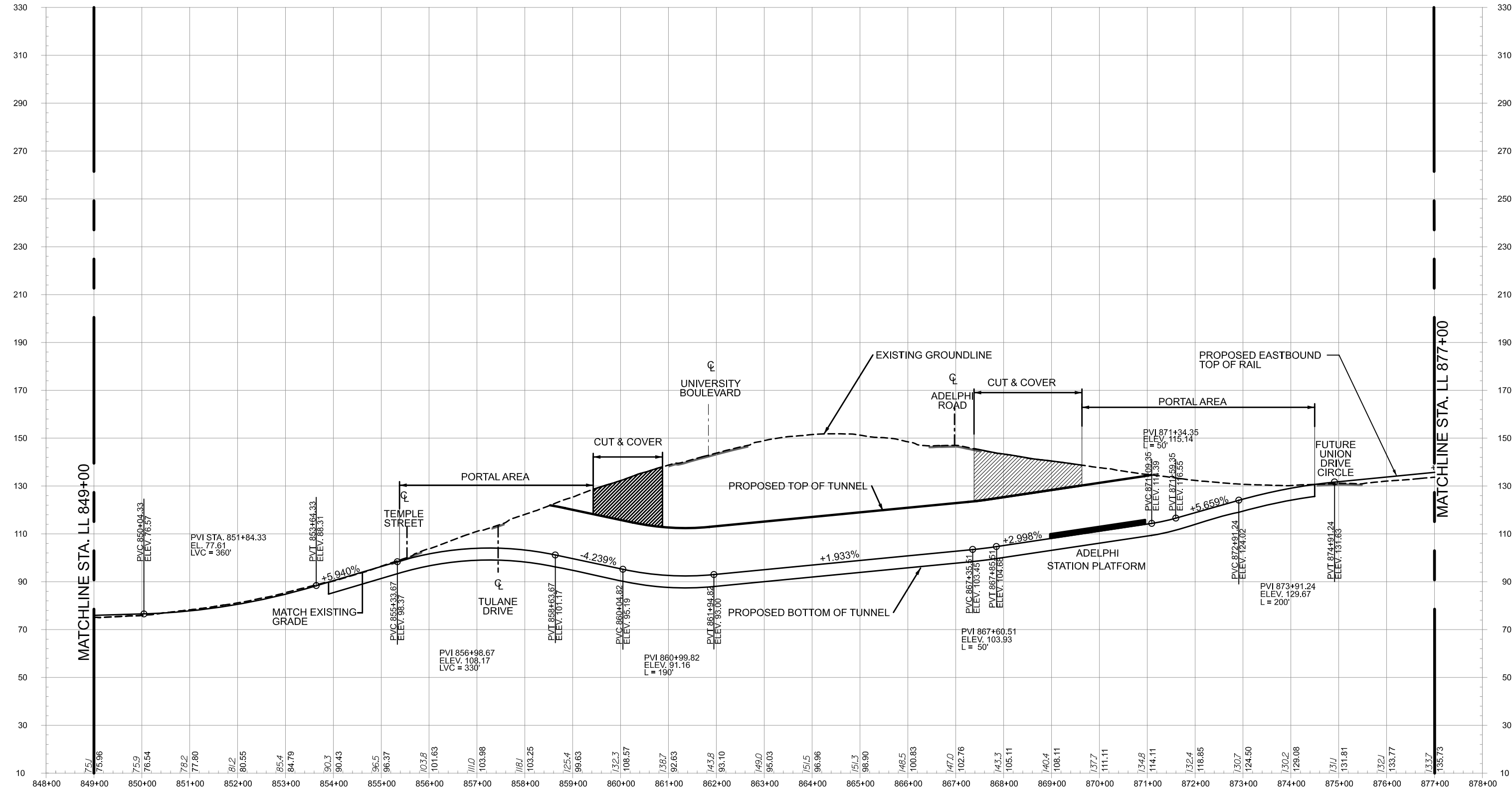
DRAWING NO.

LL-42

SHEET NO.

210 OF 334

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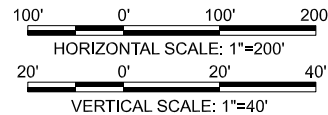
DRAFT WORK-IN-PROGRESS

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RUMMEL, KLEPPER & KAHL, LLP



PURPLE LINE		CONTRACT NO.
LOW INVESTMENT LRT - PROFILE		DRAWING NO.
STA. LL849+00 TO STA. LL877+00		LL-43
DATE: SEPTEMBER 2008		SHEET NO.
SCALE: AS SHOWN		211 OF 334