

I:\PROJECTS\PID85524.dgn\85524gs002.dgn 03-APR-2013 1:54PM fkonopka

LOCATION	LOCATIONS - FROM PLAN RECORD		LENGTH FEET	646					621					REMARKS				
	STATION			EDGE LINE, 6"		LANE LINE, 6"	CHANNELIZING LINE, 12"		STOP LINE	CROSSWALK LINE	TRANSVERSE/DIAGONAL LINE	LANE ARROW	DOTTED LINE, 12"		DOTTED LINE, 6"	RPM (WHITE)	RPM (WHITE/RED)	RPM (YELLOW/RED)
	FROM	TO		WHITE FEET	YELLOW FEET		GORE FEET	*										
EASTBOUND IR-90	582+89.00	584+00.00	111	111	111	333								4				
	584+00.00	588+10.00	410	410	410	1230						410		15				
	588+10.00	590+25.00	215	215	215	645	430							8	11			
	590+25.00	609+41.00	1916	1916	1916	5748								72				
617+61.82 Bk 615+60.00 Ah	609+41.00	616+60.00	719	719	719	2157	1438							27	18			
	616+60.00	617+61.82	102	102	102	305					102			5				
	615+60.00	625+25.00	965	965	965	2895					965			48				
	625+25.00	629+00.00	375	375	375	1125	750			105				14	19			
	629+00.00	662+90.00	3390	3390	3390	10170								127				
	662+90.00	667+70.00	480	480	480	1440	960							18	12			
	667+70.00	676+00.00	830	830	830	2490						830		31				
	676+00.00	680+90.00	490	490	490	1470								18				
	680+90.00	685+85.00	495	495	495	1485	990							19	12			
	685+85.00	694+00.00	815	815	815	2445						815		31				
	694+00.00	715+90.00	2190	2190	2190	6570								82				
	715+90.00	722+50.00	660	660	660	1980						660		25				
	722+50.00	723+97.00	147	147	147	441	294							6	7			
	723+97.00	730+47.00	650	650	650	1950								24				
	730+47.00	733+80.00	333	333	333	999	666							12	8			
	733+80.00	741+00.00	720	720	720	2160						720		27				
	741+00.00	747+00.00	600	600	600	1800	1200							23	30			
	747+00.00	759+25.00	1225	1225	1225	3675						1225		61				
	759+25.00	762+69.00	344	344	344	1032	688			89				13	17			
	762+69.00	793+00.00	3031	3031	3031	9093								114				
	793+00.00	796+00.00	300	300	300	900	600							11	8			
	796+00.00	804+00.00	800	800	800	2400						800		30				
	804+00.00	820+17.00	1617	1617	1617	4851								61				
	820+17.00	827+75.00	758	758	758	3032	1516							38	19			
	827+75.00	833+00.00	525	525	525	1575	525						525	20	13			
	833+00.00	865+30.00	3230	3230	3230	9690						3230		161				
	865+30.00	868+50.00	320	320	320	960	640	320						12	8			
	868+50.00	871+50.00	300	300	300	600	600	300		95				8	23			
	870+67.00	879+80.00	913	913	913	2739								34				
WESTBOUND IR-90	582+89.00	590+30.00	741	741	741	2223							741	28				
	590+30.00	595+25.00	495	495	495	1485	990							19	12			
	595+25.00	613+00.00	1775	1775	1775	5325								67				
617+61.82 Bk 615+60 Ah	613+00.00	616+00.00	300	300	300	900	600			80				11	15			
	616+00.00	617+61.82	162	162	162	485						162		8				
	615+60.00	624+50.00	890	890	890	2670						890		44				
	624+50.00	632+35.00	785	785	785	3140						785		39				
	632+35.00	637+00.00	465	465	465	1860	930							23	12			
SHEET TOTALS				35589	35589	108474	13817	620			369		6574	6286	1436	244	* IN PLACE OF LANE LINE	
				13.48		20.54	14437									1680		

CALCULATED EMK CHECKED LDH  
 CHANGE ORDERS  
 PAVEMENT MARKING QUANTITIES  
 CUY-90-7.74



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LOCATION	LOCATIONS - FROM PLAN RECORD		LENGTH	646														621			REMARKS
	STATION	STATION		EDGE LINE, 6"		LANE LINE, 6"	CHANNELIZING LINE, 12"		CHANNELIZING LINE, 8"	STOP LINE	CROSSWALK LINE	TRANSVERSE/DIAGONAL LINE	LANE ARROW	DOTTED LINE, 12"	DOTTED LINE, 6"	RPM (WHITE)	RPM (WHITE/RED)	RPM (YELLOW/RED)			
				WHITE	YELLOW		GORE	*											FEET	FEET	
WESTBOUND IR-90 (CONT.)	637+00.00	640+00.00	300	300	300	1200										15					
	640+00.00	665+40.00	2540	2540	2540	7620										95					
	665+40.00	668+25.00	285	285	285	855	570									11	14				
	668+25.00	671+75.00	350	350	350	1050							350			13					
	671+75.00	681+70.00	995	995	995	2985										37					
	681+70.00	684+50.00	280	280	280	840	560									11	14				
	684+50.00	689+65.00	515	515	515	1545								515		19					
	689+65.00	715+00.00	2535	2535	2535	7605										95					
	715+00.00	722+75.00	775	775	775	2325										29					
	722+75.00	724+75.00	200	200	200	600	400									8	5				
	724+75.00	726+80.00	205	205	205	615	410							205		8	5				
	726+80.00	733+40.00	660	660	660	1980										25					
	733+40.00	735+90.00	250	250	250	750	500									9	6				
	735+90.00	743+74.00	784	784	784	2352										29					
	743+74.00	746+00.00	226	226	226	678	452	226			96					8	17				
	746+00.00	749+00.00	300	300	300	900		300								11	8				
	749+00.00	760+00.00	1100	1100	1100	4400							1100			55					
	760+00.00	765+46.00	546	546	546	1638	1092									20	14				
	765+46.00	796+50.00	3104	3104	3104	9312										116					
	796+50.00	799+50.00	300	300	300	900	600									11					
	799+50.00	805+00.00	550	550	550	1650								550		21					
	805+00.00	822+90.00	1790	1790	1790	5370										67					
	822+90.00	825+50.00	260	260	260	1040	520				65					13	13				
	825+50.00	827+50.00	200	200	200	600	400	200			50					10	15				
	827+50.00	830+00.00	250	250	250	750		250								12	6				
	830+00.00	862+50.00	3250	3250	3250	9750		3250								162					
	862+50.00	867+15.00	465	465	465	1395		465								17	11				
	867+15.00	874+09.00	694	694	694	2776	1388									35	17				
	874+09.00	880+00.00	591	591	591	1773										22					
RAMP C	595+25.00	599+37.00	412	412	412													5			
RAMP D	590+25.00	595+75.00	550	550	550													7			
	595+75.00	597+75.00	200	200	200													3			
RAMP E	605+31.00	607+00.00	169	169	169	169										2		2			
	607+00.00	609+41.00	241	241	241													3			
RAMP F	606+40.00	608+50.00	210	210	210	210										3		3			
	608+50.00	609+55.00	105	105	105	105										1		1			
	609+55.00	613+00.00	345	345	345													4			
RAMP 1	37+00.00	43+00.00	600	600	600													8			
	43+38.00								80												
RAMP 1A	57+77.00	65+50.00	773	773	773													10			
SHEET TOTALS				27905	27905	75738	6892	4691			80	211		1100	3055	992	145	45	* IN PLACE OF LANE LINE		
				10.57		14.34		11583									1182				

CRANGE ORDER

CALCULATED	ENK	CHECKED	LDH
PAVEMENT MARKING QUANTITIES			
CUI-90-7.74			
			

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	STATION			EDGE LINE, 6"		LANE LINE, 6"	CHANNELIZING LINE, 12"		CHANNELIZING LINE, 8"	STOP LINE	CROSSWALK LINE	TRANSVERSE/DIAGONAL LINE	LANE ARROW	DOTTED LINE, 12"	DOTTED LINE, 6"	RPM (WHITE)	RPM (WHITE/RED)	RPM (YELLOW/RED)		
	FROM	TO		FEET	WHITE FEET		YELLOW FEET	FEET											GORE FEET	
RAMP 2	29+00.00	35+24.00	624	624	624												8			
	35+24.00	37+73.00	249	249	249												3			
RAMP 2A	58+74.00	62+90.00	416	416	416												5			
RAMP 3	72+62.00																			
	72+69.00								36											
	72+69.00	74+75.00	206	206	206	206					6				5	3				
	74+75.00	81+70.00	695	695	695												9			
RAMP 4	74+34.00																			
	74+47.00	75+03.00	56	56	56	56									1	1				
	75+03.00	75+75.00	72	72	72	72									1	1				
	75+75.00	80+90.00	515	515	515												6			
RAMP 5	26+80.00	34+00.00	720	720	720												9			
	34+30.00									80										
RAMP 7	23+05.00																			
	23+15.00	30+47.00	732	732	732												9			
RAMP 8	24+75.00	31+57.00	682	682	682												9			
	31+57.00	33+37.00	180	180	180			180							5	2				
	33+37.00								40											
	33+44.00									100										
RAMP 9	31+05.00																			
	31+20.00	41+00.00	980	980	980												12			
RAMP 11	35+90.00	42+15.00	625	625	625												8			
	42+30.00																			
RAMP 12	33+70.00																			
	33+77.00																			
	33+77.00	35+56.00	179	179	179												2			
	35+56.00	37+55.00	199	199	199	398									5	2				
	37+55.00	43+74.00	619	619	619	619									8	8				
RAMP 13	65+46.00	71+15.00	569	569	569												7			
	71+15.00									80										
RAMP 14	62+69.00	68+00.00	531	531	531												7			
	68+00.00	69+82.00	182	182	182			182							5	2				
	69+82.00								40											
	69+89.00									80										
RAMP 15	90+07.00	91+07.00	100	100	100	100-									1	1				
	91+07.00	96+50.00	543	543	543												7			
RAMP 16	88+20.00	93+00.00	480	480	480												6			
RAMP 17	12+65.00																			
	12+72.00																			
	12+72.00	14+57.00	185	185	185												2			
	14+57.00	22+90.00	833	833	833	833			370		6				9	10				
RAMP 18	8+44.00																			
	8+47.00	20+17.00	1170	1170	1170	1170			80						15	15				
SHEET TOTALS				12342	12342	3454			1296	306	1070		30		41	32	154	* IN PLACE OF LANE LINE		
				4.68		0.65										227				

CHANGE ORDER

PAVEMENT MARKING QUANTITIES

CUY-90-7.74

3/4

CALCULATED  
EMK  
CHECKED  
LDH

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LOCATION	LOCATIONS - FROM PLAN RECORD		LENGTH	646												621			REMARKS
	STATION			EDGE LINE, 6"		LANE LINE, 6"	CHANNELIZING LINE, 12"		CHANNELIZING LINE, 8"	STOP LINE	CROSSWALK LINE	TRANSVERSE/DIAGONAL LINE	LANE ARROW	DOTTED LINE, 12"	DOTTED LINE, 6"	RPM (WHITE)	RPM (WHITE/RED)	RPM (YELLOW/RED)	
	FROM	TO		FEET	WHITE FEET	YELLOW FEET	FEET	GORE FEET	*	FEET	FEET	FEET	EACH	FOOT	FOOT	EACH	EACH	EACH	
RAMP 27	74+09.00	81+53.23	744	744	744	744									9		9		
81+53.23 Bk	81+46.29	81+95.00	49	49	49	49									1		1		
81+46.29 Ah	81+97.00									112									
RAMP 28	71+50.00	80+82.00	932	932	932	932									12		12		
81+20.04 Bk	80+82.00	81+20.04	38	38	38	38			38							1	1		
81+11.47 Ah	81+11.47	81+59.00	48	48	48				48							1	1		
	81+59.00								40			2							
	81+66.00									96									
SHEET TOTALS				1811	1811	1725			86	40	208	2			22	2	23		
TOTALS TO GENERAL SUMMARY				0.69	0.33				1382	346	1358	580	32	7674	9341	3136		* IN PLACE OF LANE LINE	

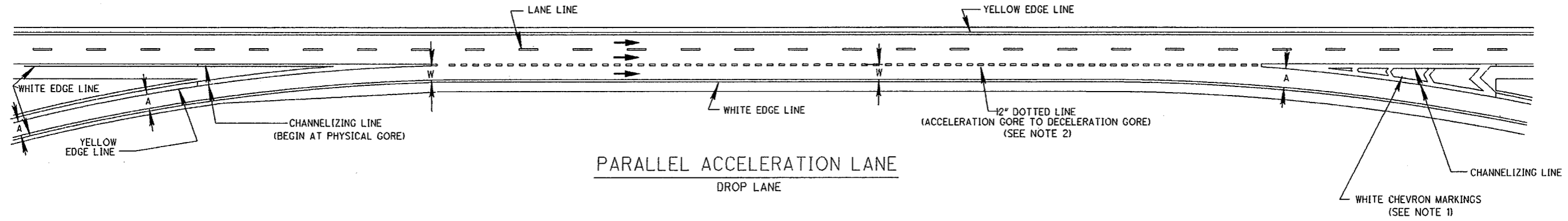
CHANGE ORDER

CUY-90-7.74

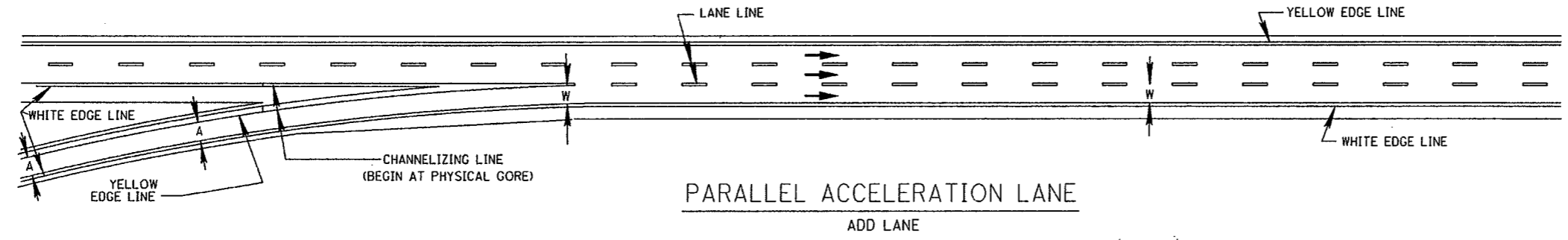


PAVEMENT MARKING QUANTITIES

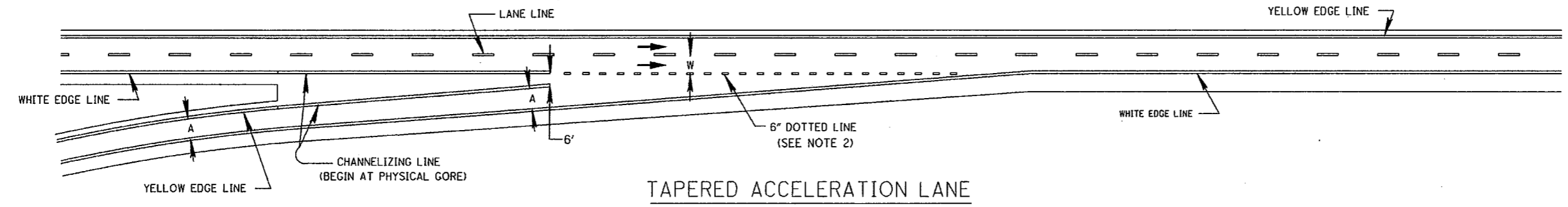
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EMK  
CHECKED  
LDH



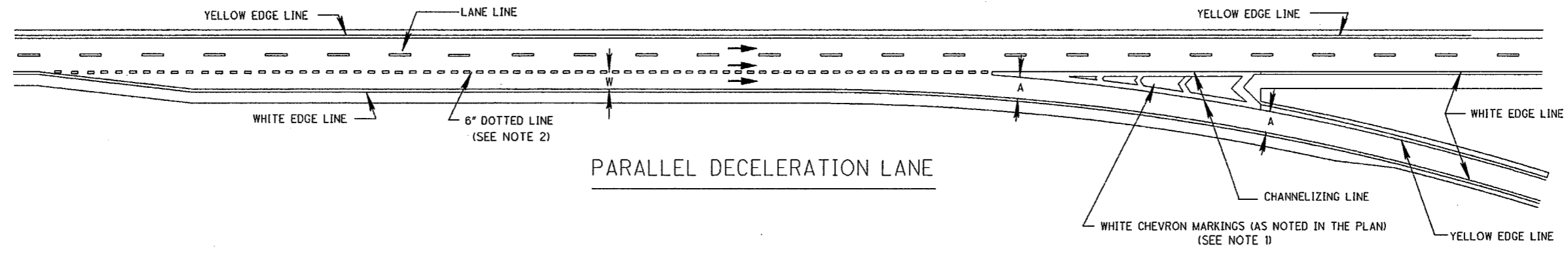
PARALLEL ACCELERATION LANE  
DROP LANE



PARALLEL ACCELERATION LANE  
ADD LANE



TAPERED ACCELERATION LANE



PARALLEL DECELERATION LANE

**NOTES**

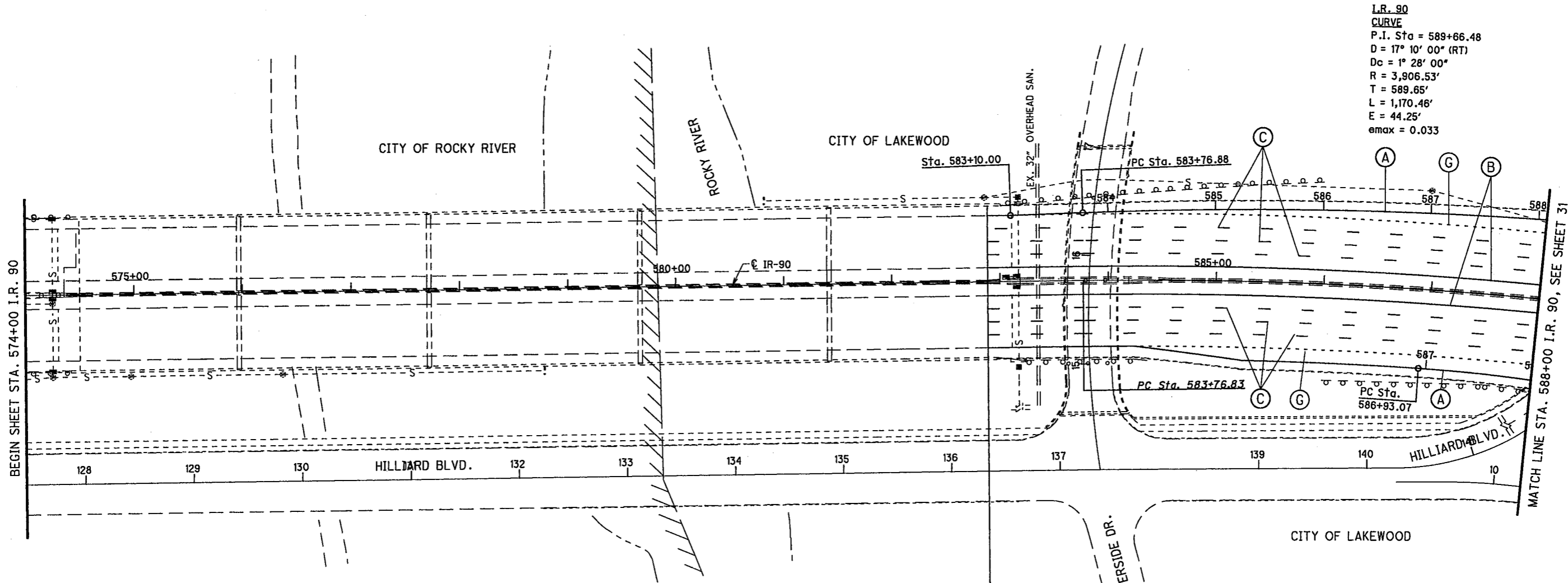
- Chevron markings when used in neutral areas of exit ramps are 24 inch wide lines and are placed at the spacing shown in the Chevron Markings Spacing Table.
- Dotted lines are white dotted line segments 3 feet in length separated by 9 foot gaps.

CHEVRON MARKINGS SPACING TABLE

FROM (feet)	TO (feet)	CHEVRON MARKINGS SPACING (feet)
0	48	12 on Centers
49	96	24 on Centers
97	Greater than 97	48 on Centers

A = UNIFORM RAMP WIDTH  
W = LANE WIDTH  
→ = DIRECTION OF TRAVEL

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I.R. 90  
 CURVE  
 P.I. Sta = 589+66.48  
 D = 17° 10' 00" (RT)  
 Dc = 1° 28' 00"  
 R = 3,906.53'  
 T = 589.65'  
 L = 1,170.46'  
 E = 44.25'  
 e<sub>max</sub> = 0.033

BEGIN PROJECT  
 STA 582+88.83  
 SLM 7.74

- PAVEMENT MARKING LEGEND**
- (A) - EDGE LINE (WHITE)
  - (B) - EDGE LINE (YELLOW)
  - (C) - LANE LINE
  - (D) - CHANNELIZING LINE, 12"
  - (E) - TRANSVERSE/DIAGONAL LINE
  - (F) - STOP LINE
  - (G) - DOTTED LINE, 6"
  - (H) - CROSSWALK LINE
  - (J) - CHANNELIZING LINE, 8"
  - (K) - DOTTED LINE, 12"

CHANGE ORDER

<p style="font-size: 8px;">HORIZONTAL SCALE IN FEET</p>				
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">CALCULATED</td> <td style="width: 50%;">EMK</td> </tr> <tr> <td>CHECKED</td> <td>LDH</td> </tr> </table>	CALCULATED	EMK	CHECKED	LDH
CALCULATED	EMK			
CHECKED	LDH			
PLAN - I.R. 90 STA. 574+00 TO STA. 588+00				
CUY-90-7.74				
<table border="1" style="width: 30px; height: 30px; border-collapse: collapse;"> <tr> <td style="text-align: center;">30</td> </tr> <tr> <td style="text-align: center;">53</td> </tr> </table>	30	53		
30				
53				



0 25 50 100  
HORIZONTAL  
SCALE IN FEET

CALCULATED  
EMK  
CHECKED  
LDH

PLAN - I.R. 90  
STA. 588+00 TO STA. 602+00

CHANGE ORDER

CUY-90-7.74

31  
53

I.R. 90  
CURVE NO. 7  
P.I. Sta = 589+66.48  
D = 17° 10' 00" (RT)  
Dc = 1° 28' 00"  
R = 3,906.53'  
T = 589.65'  
L = 1,170.46'  
E = 44.25'  
emax = 0.033

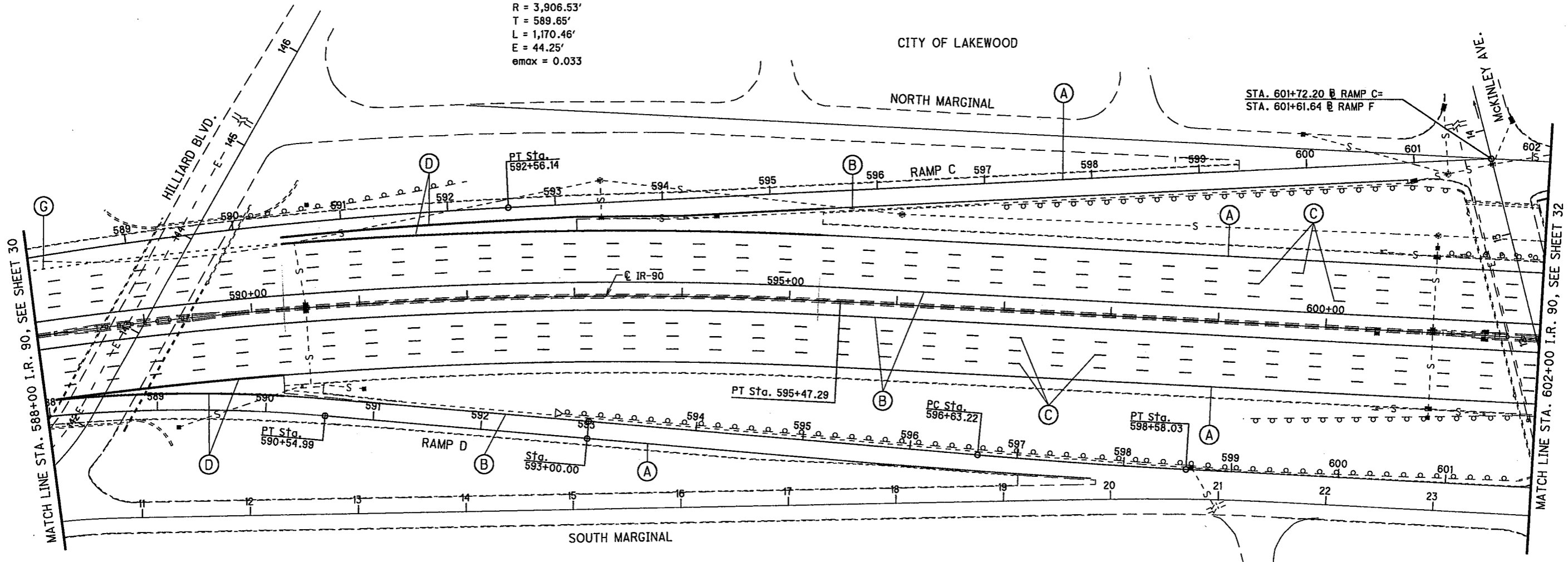
CITY OF LAKEWOOD

NORTH MARGINAL

SOUTH MARGINAL

CITY OF LAKEWOOD

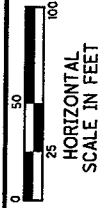
STA. 601+72.20 @ RAMP C=  
STA. 601+61.64 @ RAMP F



PAVEMENT MARKING LEGEND

- (A) - EDGE LINE (WHITE)
- (B) - EDGE LINE (YELLOW)
- (C) - LANE LINE
- (D) - CHANNELIZING LINE, 12"
- (E) - TRANSVERSE/DIAGONAL LINE
- (F) - STOP LINE
- (G) - DOTTED LINE, 6"
- (H) - CROSSWALK LINE
- (J) - CHANNELIZING LINE, 8"
- (K) - DOTTED LINE, 12"

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CALCULATED  
ENMK  
CHECKED  
LDH

PLAN - I.R. 90  
STA. 602+00 TO STA. 616+00

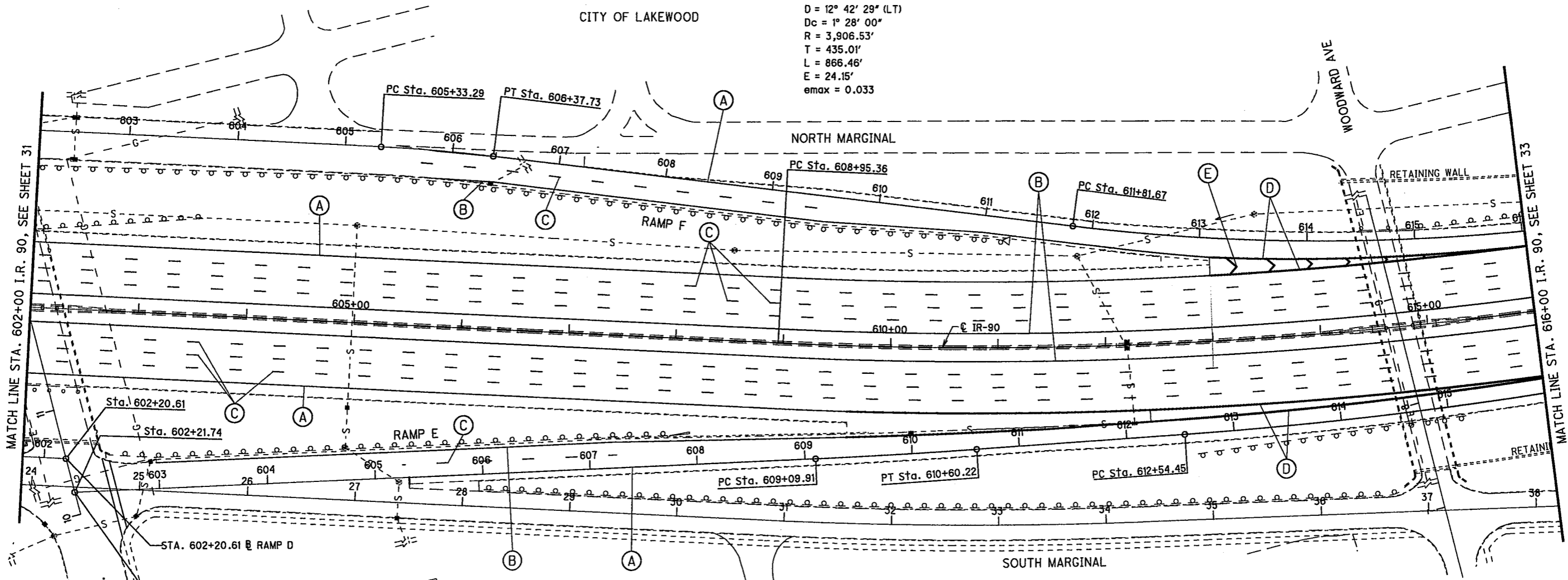
CHANGE ORDER  
CUY-90-7.74

32  
53

I.R. 90  
CURVE  
P.I. Sta = 613+30.38  
D = 12° 42' 29" (LT)  
Dc = 1° 28' 00"  
R = 3,906.53'  
T = 435.01'  
L = 866.46'  
E = 24.15'  
emax = 0.033

CITY OF LAKEWOOD

CITY OF LAKEWOOD



PAVEMENT MARKING LEGEND

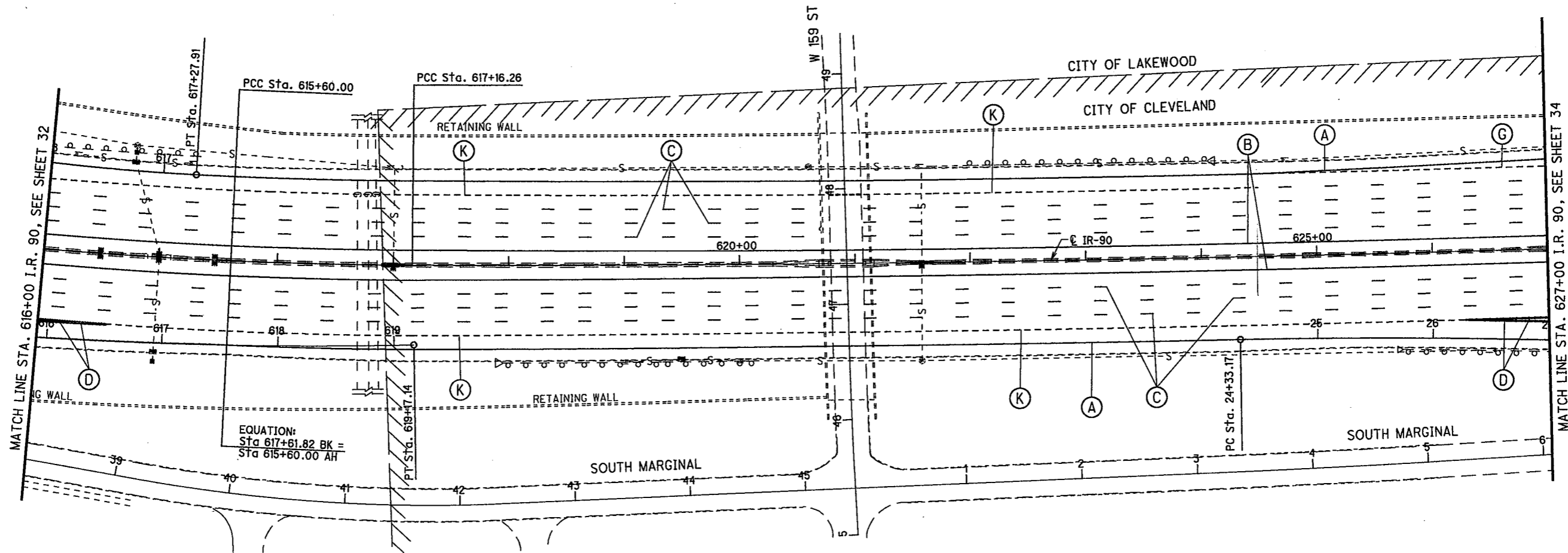
- (A) - EDGE LINE (WHITE)
- (B) - EDGE LINE (YELLOW)
- (C) - LANE LINE
- (D) - CHANNELIZING LINE, 12"
- (E) - TRANSVERSE/DIAGONAL LINE
- (F) - STOP LINE
- (G) - DOTTED LINE, 6"
- (H) - CROSSWALK LINE
- (J) - CHANNELIZING LINE, 8"
- (K) - DOTTED LINE, 12"

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**I.R. 90  
CURVE**  
 P.I. Sta = 616+38.14  
 D = 2° 17' 31" (LT)  
 Dc = 1° 28' 00"  
 R = 3,906.53'  
 T = 78.14'  
 L = 156.26'  
 E = 0.78'  
 e<sub>max</sub> = 0.033

**I.R. 90  
CURVE**  
 P.I. Sta = 623+63.69  
 D = 2° 38' 46" (LT)  
 Dc = 0° 12' 16"  
 R = 28,032.38'  
 T = 647.42'  
 L = 1,294.61'  
 E = 7.48'  
 e<sub>max</sub> = NONE



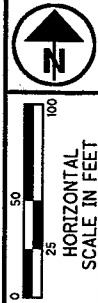
- PAVEMENT MARKING LEGEND**
- (A) - EDGE LINE (WHITE)
  - (B) - EDGE LINE (YELLOW)
  - (C) - LANE LINE
  - (D) - CHANNELIZING LINE, 12"
  - (E) - TRANSVERSE/DIAGONAL LINE
  - (F) - STOP LINE
  - (G) - DOTTED LINE, 6"
  - (H) - CROSSWALK LINE
  - (J) - CHANNELIZING LINE, 8"
  - (K) - DOTTED LINE, 12"

*CHANGE ORDER*

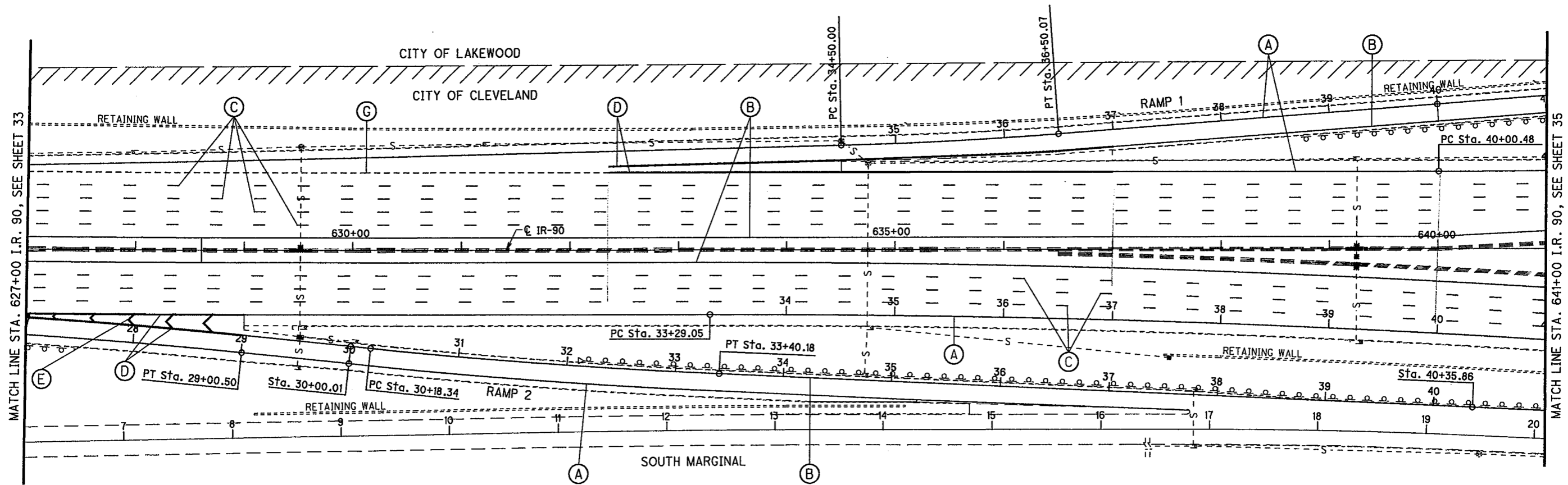
CUY-90-7.74

PLAN - I.R. 90  
 STA. 616+00 TO STA. 627+00

CALCULATED  
 EMK  
 CHECKED  
 LDH



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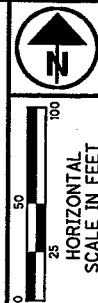
- PAVEMENT MARKING LEGEND**
- (A) - EDGE LINE (WHITE)
  - (B) - EDGE LINE (YELLOW)
  - (C) - LANE LINE
  - (D) - CHANNELIZING LINE, 12"
  - (E) - TRANSVERSE/DIAGONAL LINE
  - (F) - STOP LINE
  - (G) - DOTTED LINE, 6"
  - (H) - CROSSWALK LINE
  - (J) - CHANNELIZING LINE, 8"
  - (K) - DOTTED LINE, 12"

CHANGE ORDER

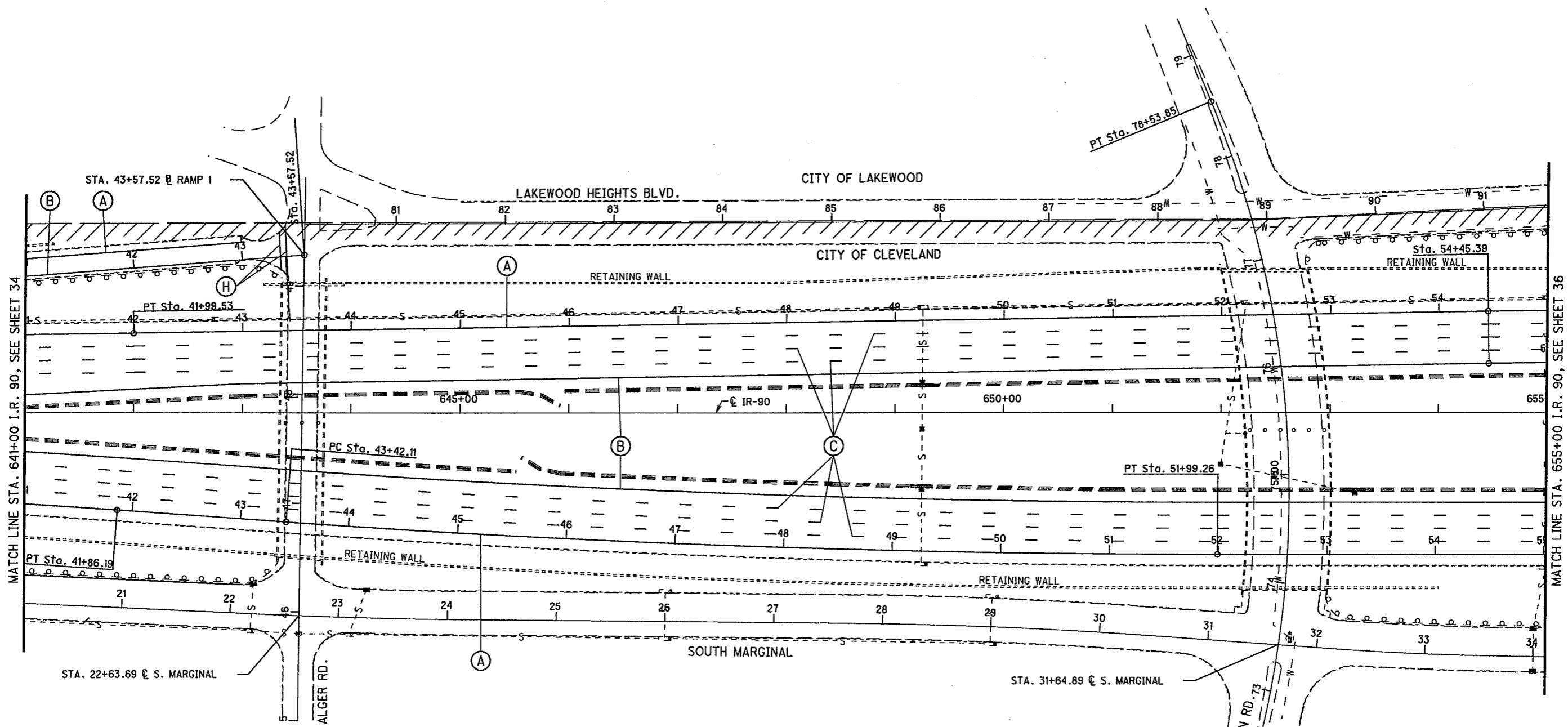
CUY-90-7.74

PLAN - I.R. 90  
STA. 627+00 TO STA. 641+00

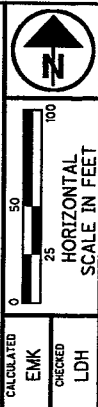
CALCULATED  
LDH  
DESIGNED  
EMK



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- PAVEMENT MARKING LEGEND**
- (A) - EDGE LINE (WHITE)
  - (B) - EDGE LINE (YELLOW)
  - (C) - LANE LINE
  - (D) - CHANNELIZING LINE, 12"
  - (E) - TRANSVERSE/DIAGONAL LINE
  - (F) - STOP LINE
  - (G) - DOTTED LINE, 6"
  - (H) - CROSSWALK LINE
  - (J) - CHANNELIZING LINE, 8"
  - (K) - DOTTED LINE, 12"

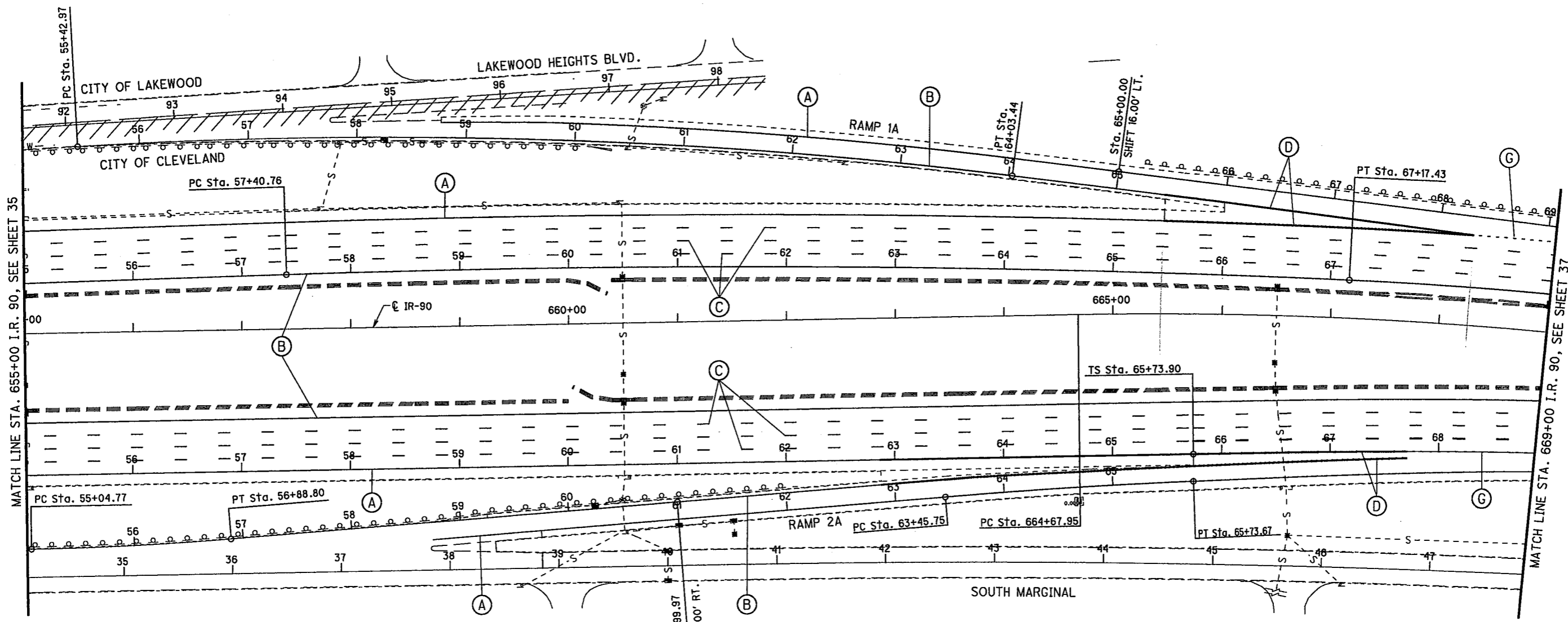


CALCULATED  
EMK  
CHECKED  
LDH

**PLAN - I.R. 90**  
**STA. 641+00 TO STA. 655+00**

*CHANGE ORDER*

**CUY-90-7.74**

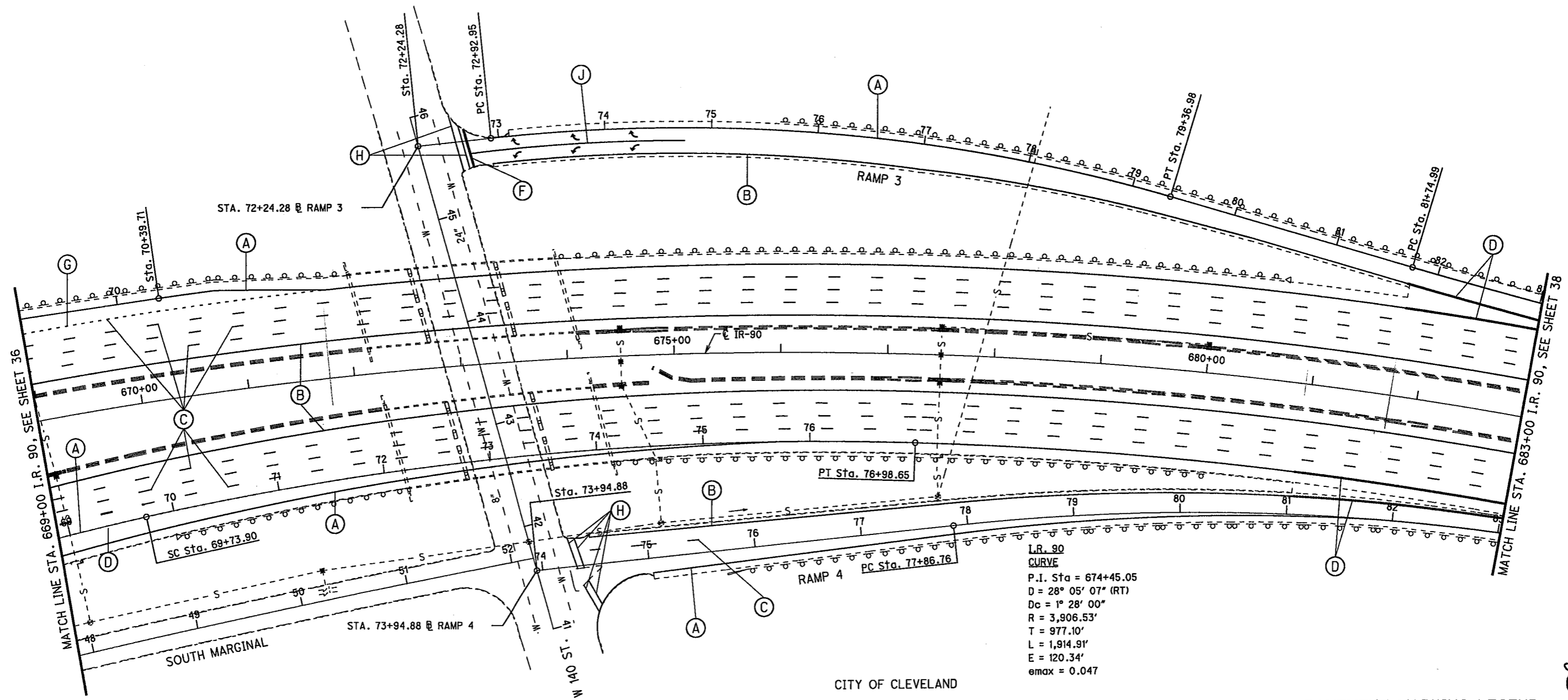


- PAVEMENT MARKING LEGEND**
- (A) - EDGE LINE (WHITE)
  - (B) - EDGE LINE (YELLOW)
  - (C) - LANE LINE
  - (D) - CHANNELIZING LINE, 12"
  - (E) - TRANSVERSE/DIAGONAL LINE
  - (F) - STOP LINE
  - (G) - DOTTED LINE, 6"
  - (H) - CROSSWALK LINE
  - (J) - CHANNELIZING LINE, 8"
  - (K) - DOTTED LINE, 12"

CHANGE ORDER

PLAN - I.R. 90  
STA. 655+00 TO STA. 669+00

CUY-90-7.74



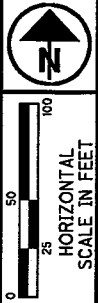
- PAVEMENT MARKING LEGEND**
- (A) - EDGE LINE (WHITE)
  - (B) - EDGE LINE (YELLOW)
  - (C) - LANE LINE
  - (D) - CHANNELIZING LINE, 12"
  - (E) - TRANSVERSE/DIAGONAL LINE
  - (F) - STOP LINE
  - (G) - DOTTED LINE, 6"
  - (H) - CROSSWALK LINE
  - (J) - CHANNELIZING LINE, 8"
  - (K) - DOTTED LINE, 12"

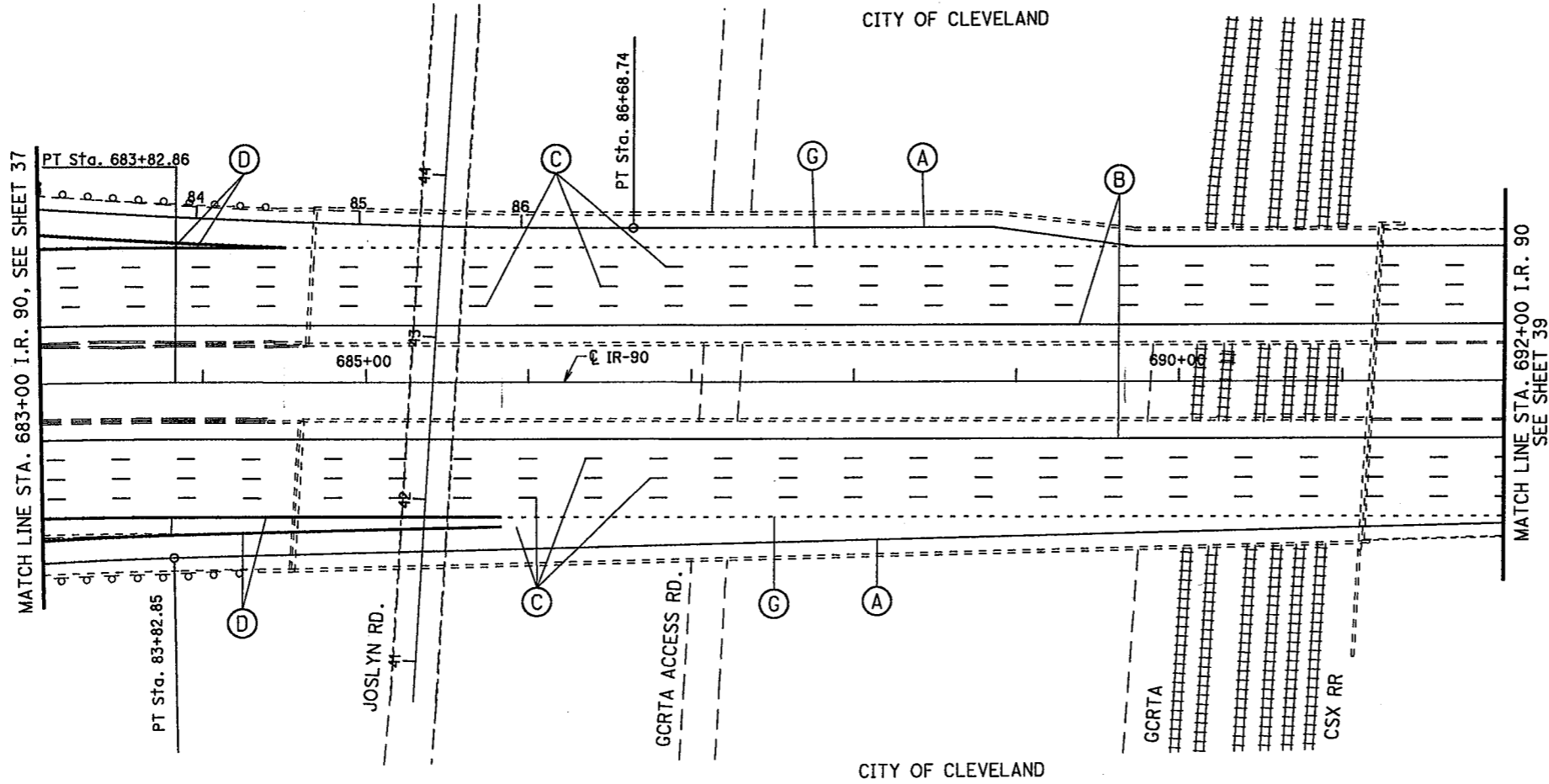
CHANGE ORDER

CUY-90-7.74

PLAN - I.R. 90  
 STA. 669+00 TO STA. 683+00

CALCULATED  
 EMK  
 CHECKED  
 LDH





**PAVEMENT MARKING LEGEND**

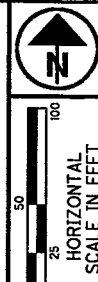
- (A) - EDGE LINE (WHITE)
- (B) - EDGE LINE (YELLOW)
- (C) - LANE LINE
- (D) - CHANNELIZING LINE, 12"
- (E) - TRANSVERSE/DIAGONAL LINE
- (F) - STOP LINE
- (G) - DOTTED LINE, 6"
- (H) - CROSSWALK LINE
- (J) - CHANNELIZING LINE, 8"
- (K) - DOTTED LINE, 12"

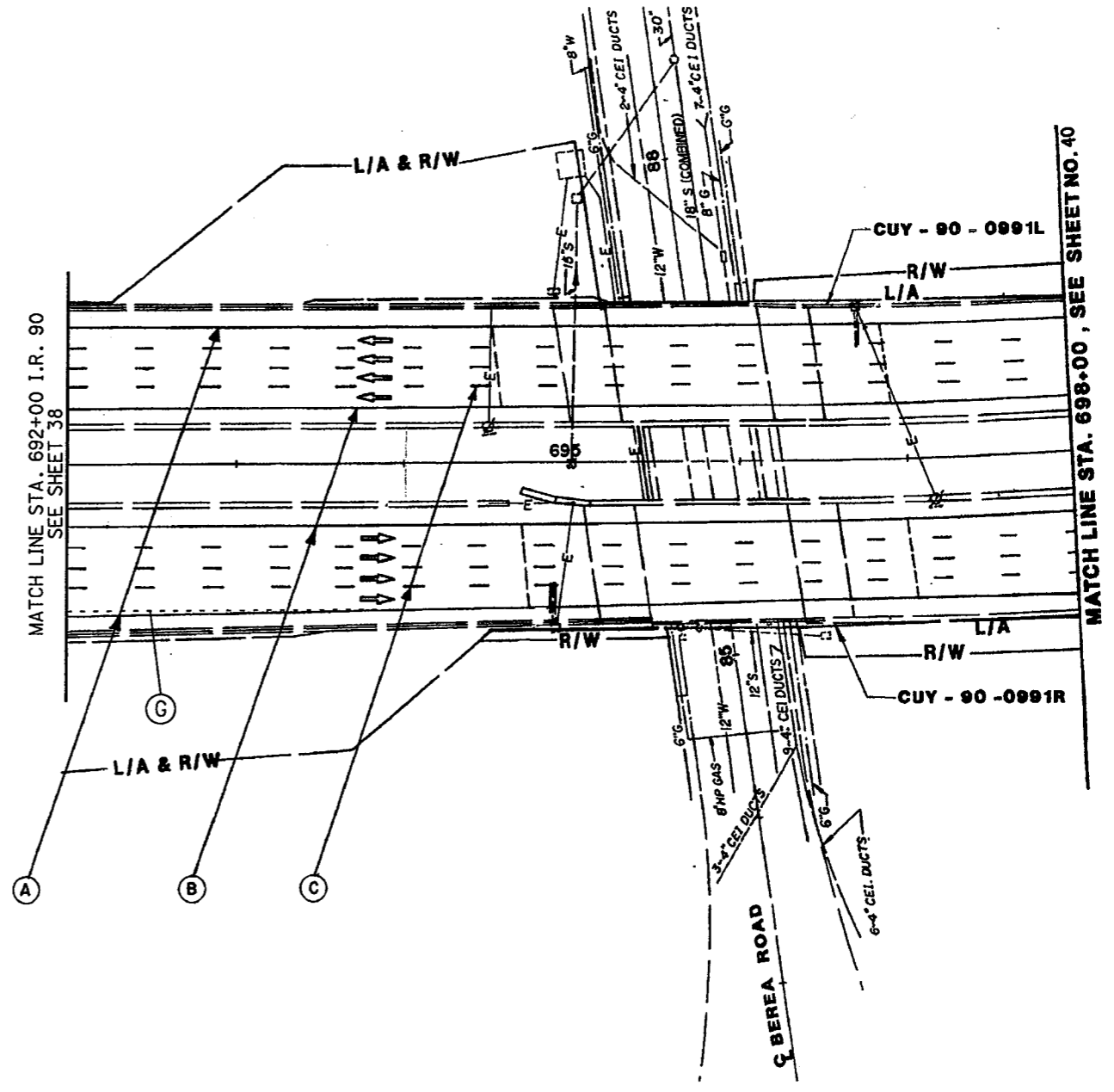
CHANGE ORDER

CUY-90-7.74

PLAN - I.R. 90  
STA. 683+00 TO STA. 692+00

CALCULATED  
EMK  
CHECKED  
LDH





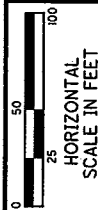
- PAVEMENT MARKING LEGEND**
- (A) - EDGE LINE (WHITE)
  - (B) - EDGE LINE (YELLOW)
  - (C) - LANE LINE
  - (D) - CHANNELIZING LINE, 12"
  - (E) - TRANSVERSE/DIAGONAL LINE
  - (F) - STOP LINE
  - (G) - DOTTED LINE, 6"
  - (H) - CROSSWALK LINE
  - (J) - CHANNELIZING LINE, 8"
  - (K) - DOTTED LINE, 12"

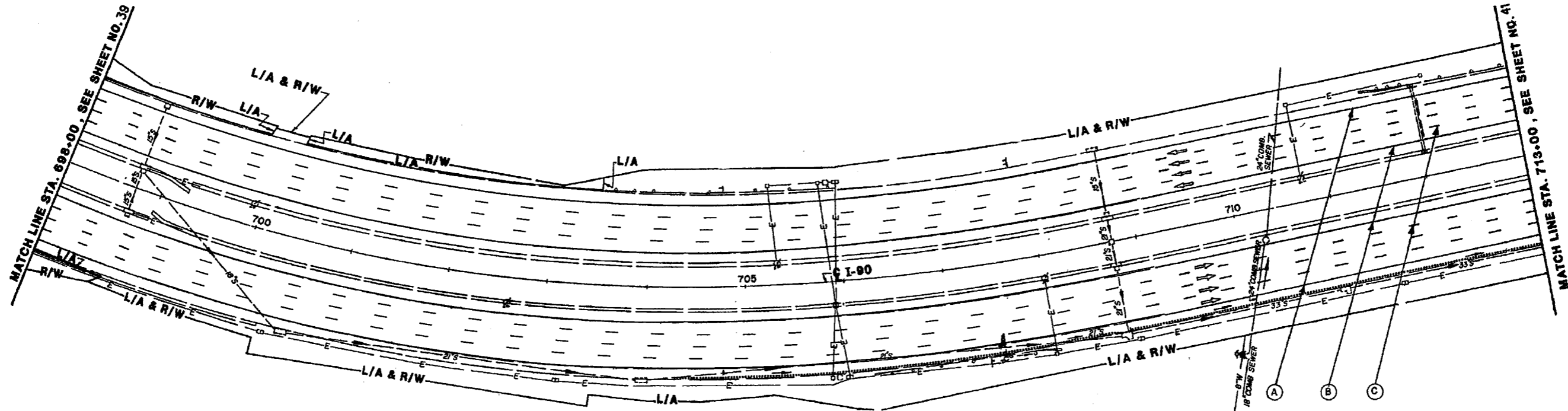
*CHANGE ORDER*

CUY-90-7.74

PLAN SHEET  
STA. 692+00.00 TO STA. 698+00.00

CALCULATED  
EMK  
CHECKED  
LDH

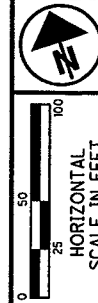




**PAVEMENT MARKING LEGEND**

- (A) - EDGE LINE (WHITE)
- (B) - EDGE LINE (YELLOW)
- (C) - LANE LINE
- (D) - CHANNELIZING LINE, 12"
- (E) - TRANSVERSE/DIAGONAL LINE
- (F) - STOP LINE
- (G) - DOTTED LINE, 6"
- (H) - CROSSWALK LINE
- (J) - CHANNELIZING LINE, 8"
- (K) - DOTTED LINE, 12"

CHANGE ORDER

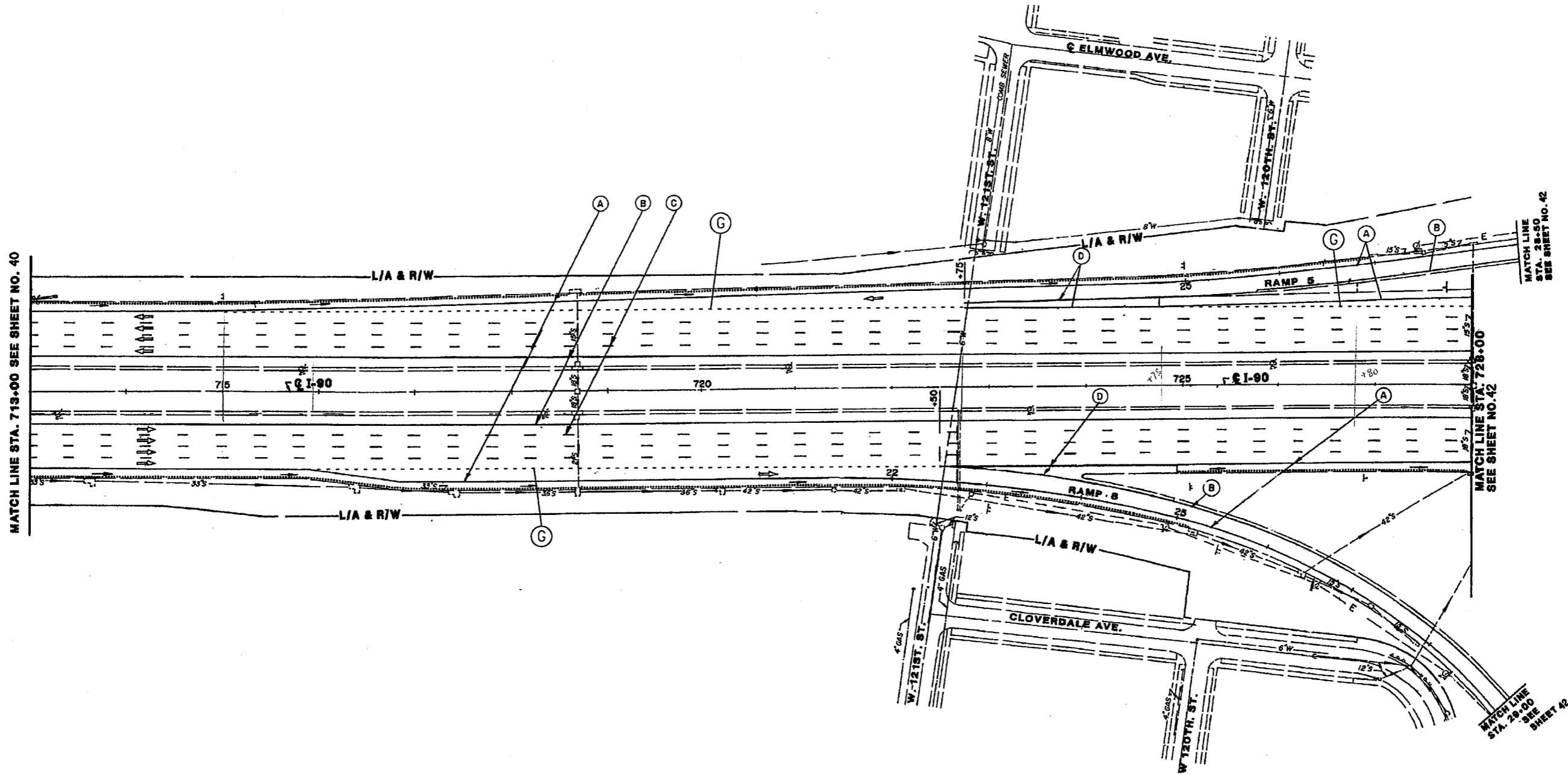


CALCULATED	EMK
CHECKED	LDF

**PLAN SHEET**  
STA. 698+00.00 TO STA. 713+00.00

CUY-90-7.74





MATCH LINE STA. 713+00 SEE SHEET NO. 40

MATCH LINE STA. 28+50 SEE SHEET NO. 42

MATCH LINE STA. 728+00 SEE SHEET NO. 42

MATCH LINE STA. 29+00 SEE SHEET 42

PAVEMENT MARKING LEGEND

- (A) - EDGE LINE (WHITE)
- (B) - EDGE LINE (YELLOW)
- (C) - LANE LINE
- (D) - CHANNELIZING LINE, 12"
- (E) - TRANSVERSE/DIAGONAL LINE
- (F) - STOP LINE
- (G) - DOTTED LINE, 6"
- (H) - CROSSWALK LINE
- (J) - CHANNELIZING LINE, 8"
- (K) - DOTTED LINE, 12"

CHANGE ORDER

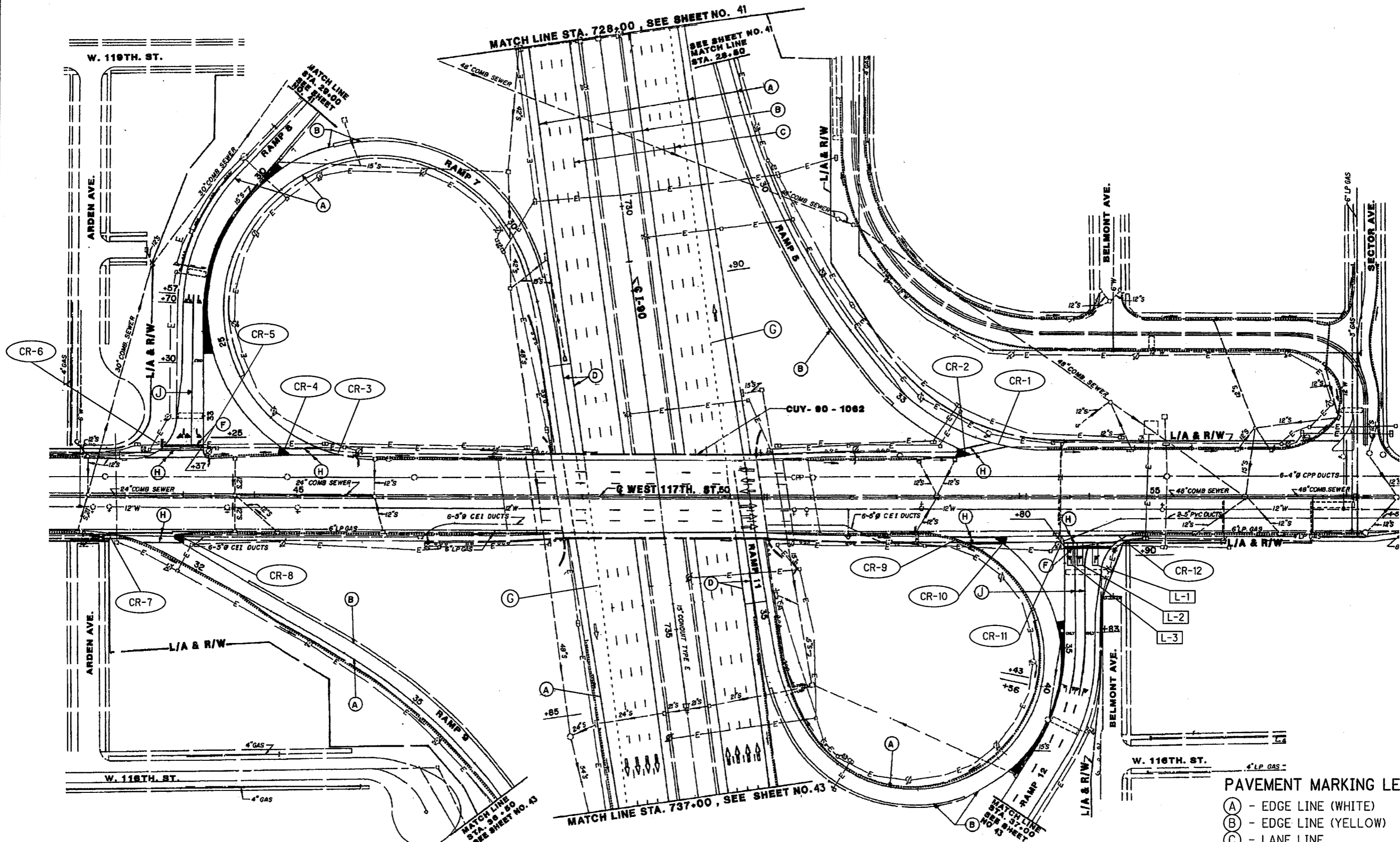
CUY-90-7.74

PLAN SHEET  
STA. 713+00.00 TO STA. 728+00.00

CALCULATED  
EMK  
CHECKED  
LDH

0 50 100  
HORIZONTAL  
SCALE IN FEET

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PAVEMENT MARKING LEGEND

- (A) - EDGE LINE (WHITE)
- (B) - EDGE LINE (YELLOW)
- (C) - LANE LINE
- (D) - CHANNELIZING LINE, 12"
- (E) - TRANSVERSE/DIAGONAL LINE
- (F) - STOP LINE
- (G) - DOTTED LINE, 6"
- (H) - CROSSWALK LINE
- (J) - CHANNELIZING LINE, 8"
- (K) - DOTTED LINE, 12"

CHANGE ORDER

CUY-90-7.74

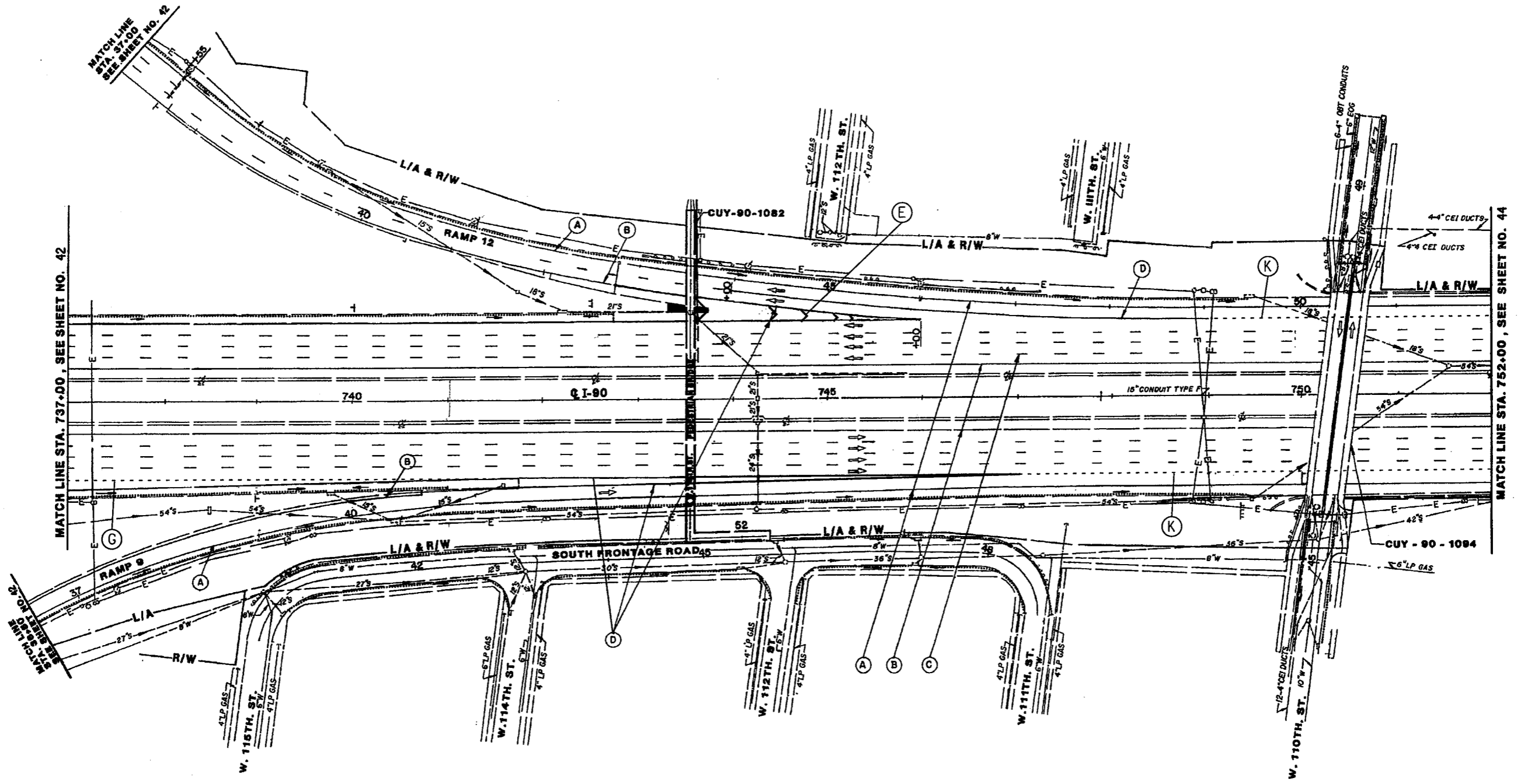
PLAN SHEET

STA. 728+00.00 TO STA. 737+00.00

CALCULATED  
ENK  
CHECKED  
LDH

0 50 100  
HORIZONTAL  
SCALE IN FEET





MATCH LINE STA. 737+00, SEE SHEET NO. 42

MATCH LINE STA. 752+00, SEE SHEET NO. 44

- PAVEMENT MARKING LEGEND**
- (A) - EDGE LINE (WHITE)
  - (B) - EDGE LINE (YELLOW)
  - (C) - LANE LINE
  - (D) - CHANNELIZING LINE, 12"
  - (E) - TRANSVERSE/DIAGONAL LINE
  - (F) - STOP LINE
  - (G) - DOTTED LINE, 6"
  - (H) - CROSSWALK LINE
  - (J) - CHANNELIZING LINE, 8"
  - (K) - DOTTED LINE, 12"

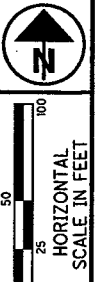
*CHANGE ORDER*

CUY-90-7.74

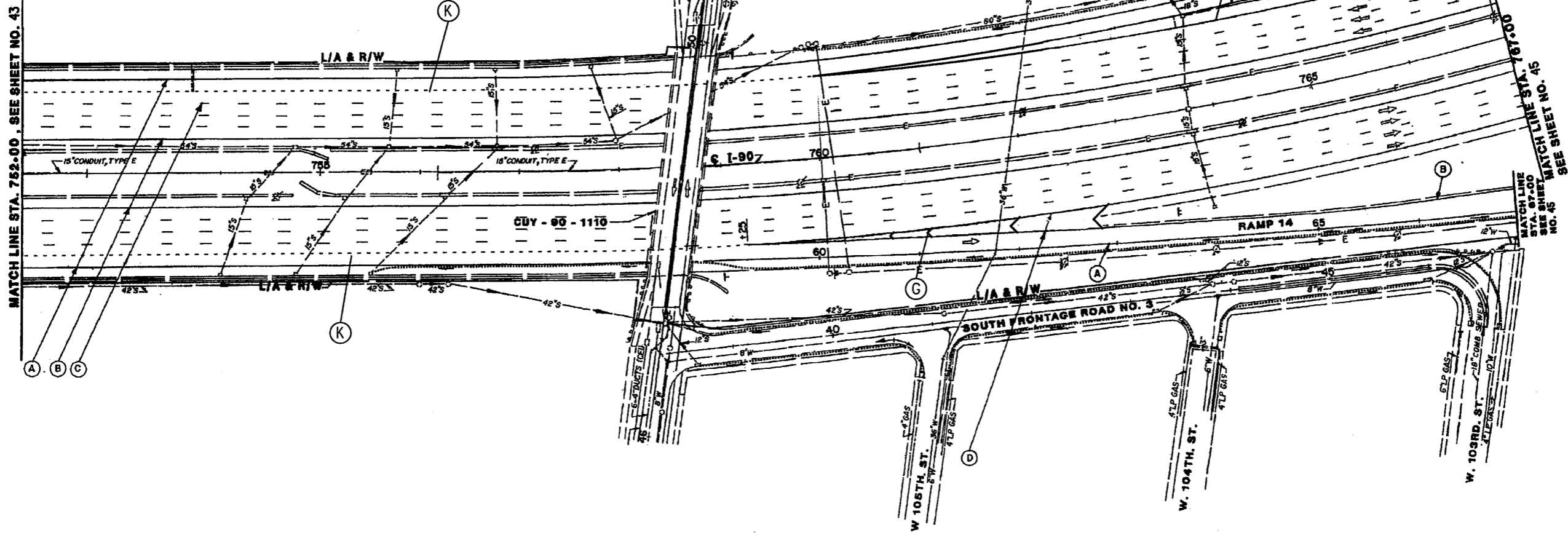
PLAN SHEET

STA. 737+00.00 TO STA. 752+00.00

CALCULATED  
EMK  
CHECKED  
LDH



MATCH LINE STA. 762+00, SEE SHEET NO. 43



MATCH LINE STA. 767+00  
SEE SHEET NO. 45

- PAVEMENT MARKING LEGEND**
- (A) - EDGE LINE (WHITE)
  - (B) - EDGE LINE (YELLOW)
  - (C) - LANE LINE
  - (D) - CHANNELIZING LINE, 12"
  - (E) - TRANSVERSE/DIAGONAL LINE
  - (F) - STOP LINE
  - (G) - DOTTED LINE, 6"
  - (H) - CROSSWALK LINE
  - (J) - CHANNELIZING LINE, 8"
  - (K) - DOTTED LINE, 12"

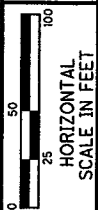
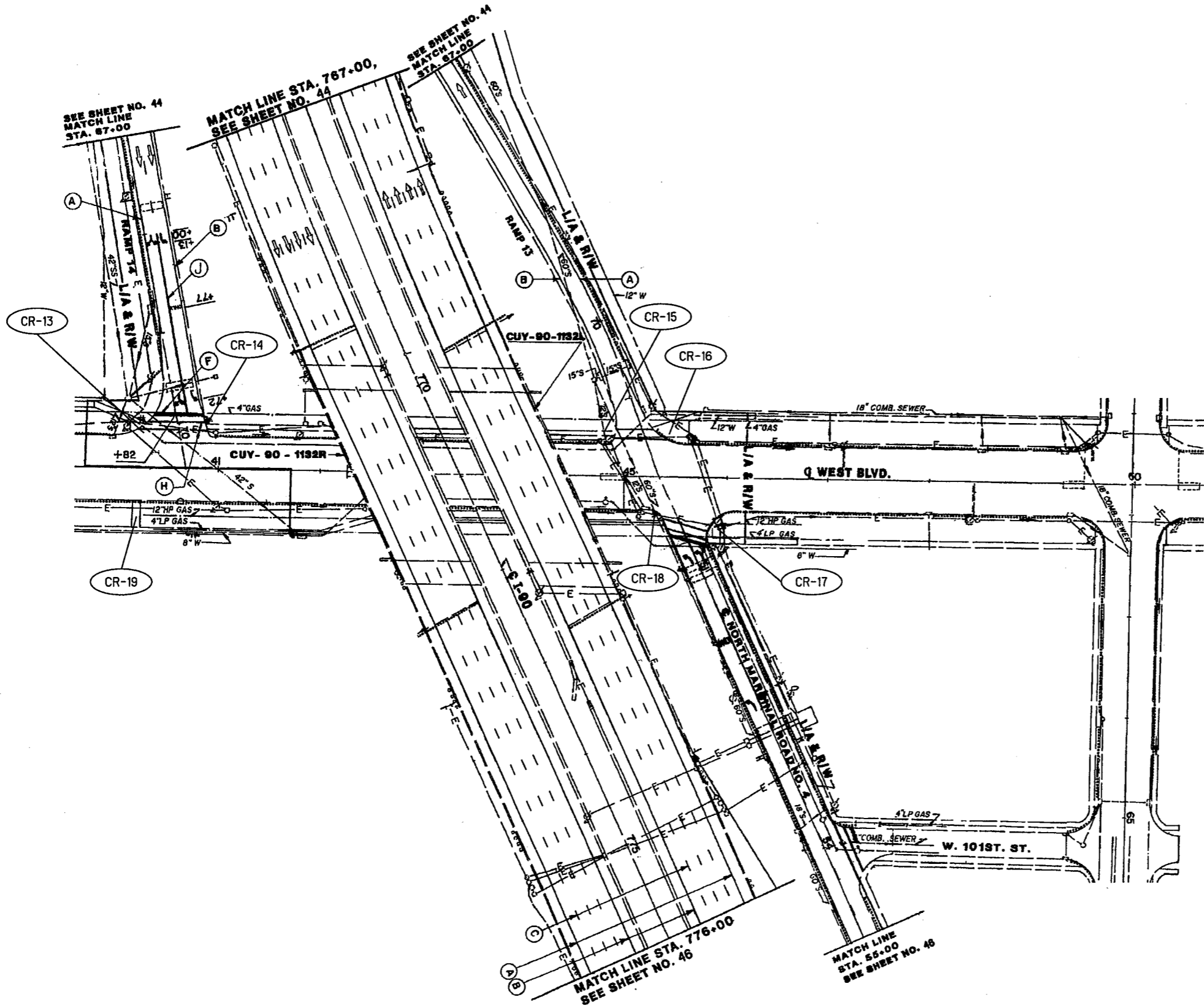
CHANGE ORDER

CUY-90-7.74

PLAN SHEET  
STA. 752+00.00 TO STA. 767+00.00

CALCULATED	ENK	CHECKED	LDH
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0 50 100  
HORIZONTAL SCALE IN FEET



CALCULATED	EMK	CHECKED	LOH
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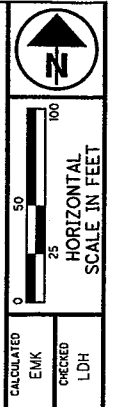
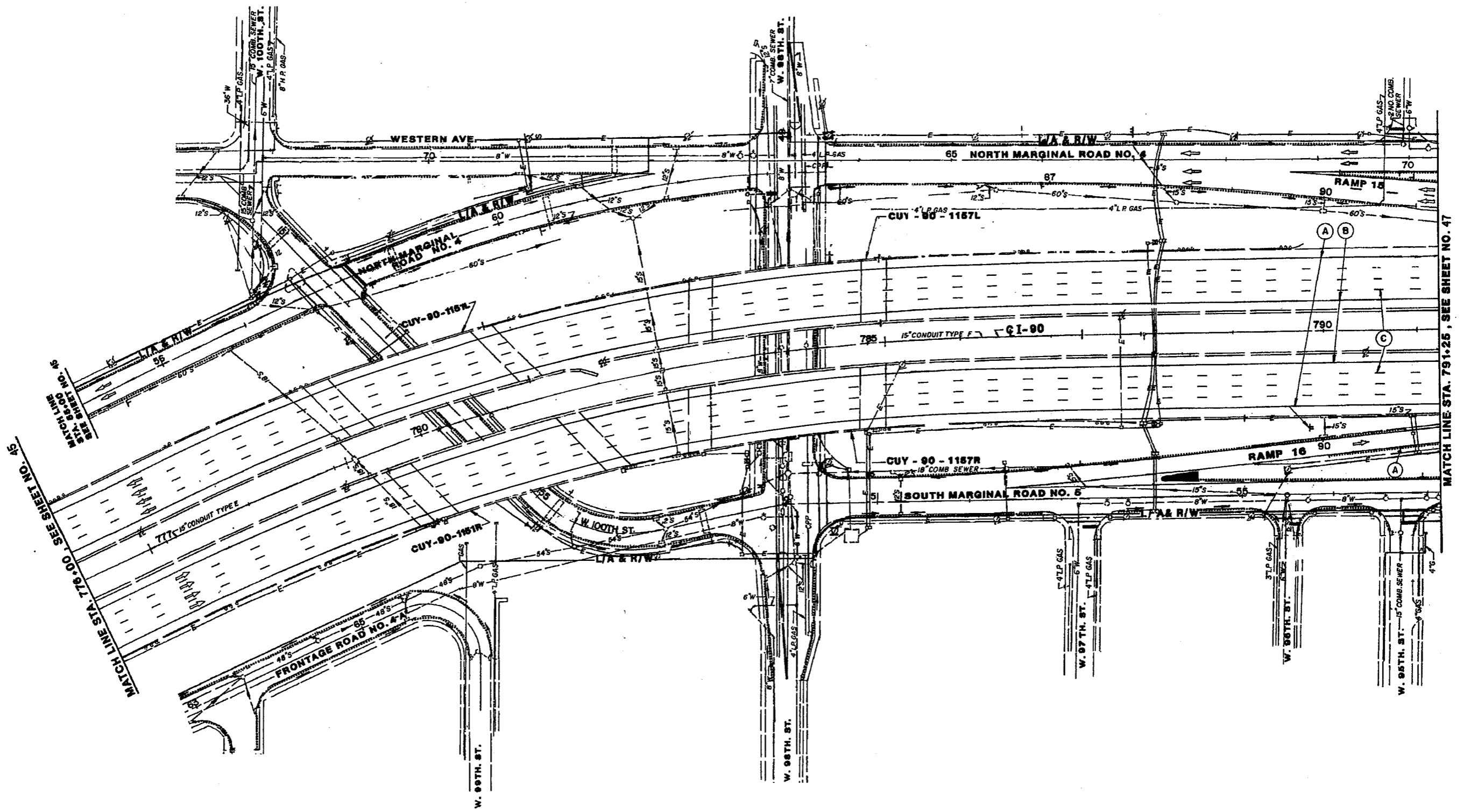
PLAN SHEET  
STA. 767+00.00 TO STA. 776+00.00

CHANGE ORDER

CUY-90-7.74

PAVEMENT MARKING LEGEND

- (A) - EDGE LINE (WHITE)
- (B) - EDGE LINE (YELLOW)
- (C) - LANE LINE
- (D) - CHANNELIZING LINE, 12"
- (E) - TRANSVERSE/DIAGONAL LINE
- (F) - STOP LINE
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- (H) - CROSSWALK LINE
- (J) - CHANNELIZING LINE, 8"
- (K) - DOTTED LINE, 12"



CALCULATED	ENK	CHECKED	LOH
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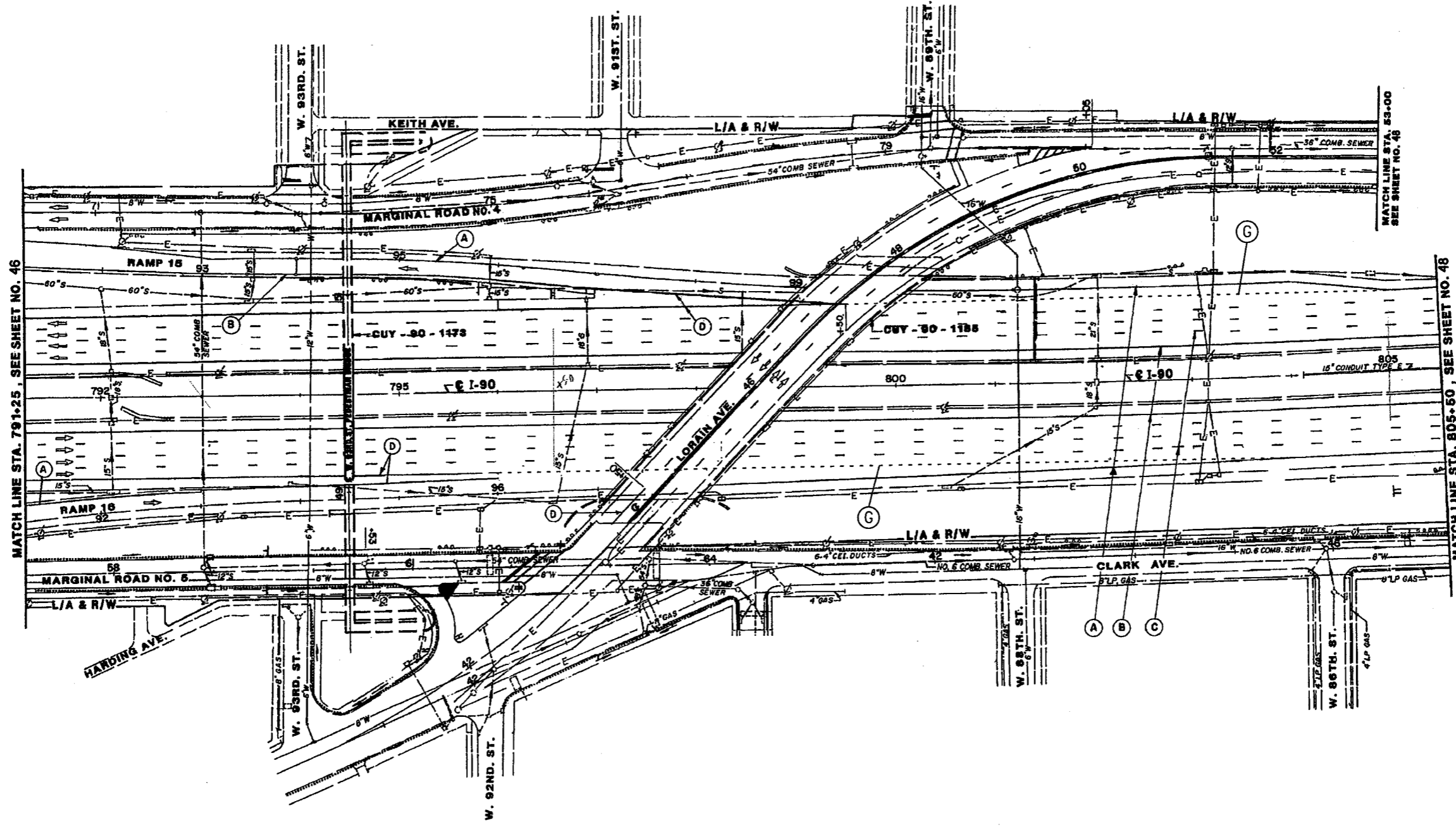
PLAN SHEET  
STA. 776+00.00 TO STA. 791+25.00

PAVEMENT MARKING LEGEND

- (A) - EDGE LINE (WHITE)
- (B) - EDGE LINE (YELLOW)
- (C) - LANE LINE
- (D) - CHANNELIZING LINE, 12"
- (E) - TRANSVERSE/DIAGONAL LINE
- (F) - STOP LINE
- (G) - DOTTED LINE, 6"
- (H) - CROSSWALK LINE
- (J) - CHANNELIZING LINE, 8"
- (K) - DOTTED LINE, 12"

CHANGE ORDER

CUY-90-7.74



MATCH LINE STA. 791+25, SEE SHEET NO. 46

MATCH LINE STA. 53+00  
SEE SHEET NO. 48

MATCH LINE STA. 805+50, SEE SHEET NO. 48

PAVEMENT MARKING LEGEND

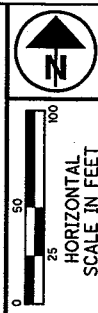
- (A) - EDGE LINE (WHITE)
- (B) - EDGE LINE (YELLOW)
- (C) - LANE LINE
- (D) - CHANNELIZING LINE, 12"
- (E) - TRANSVERSE/DIAGONAL LINE
- (F) - STOP LINE
- (G) - DOTTED LINE, 6"
- (H) - CROSSWALK LINE
- (J) - CHANNELIZING LINE, 8"
- (K) - DOTTED LINE, 12"

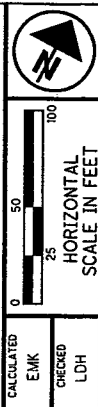
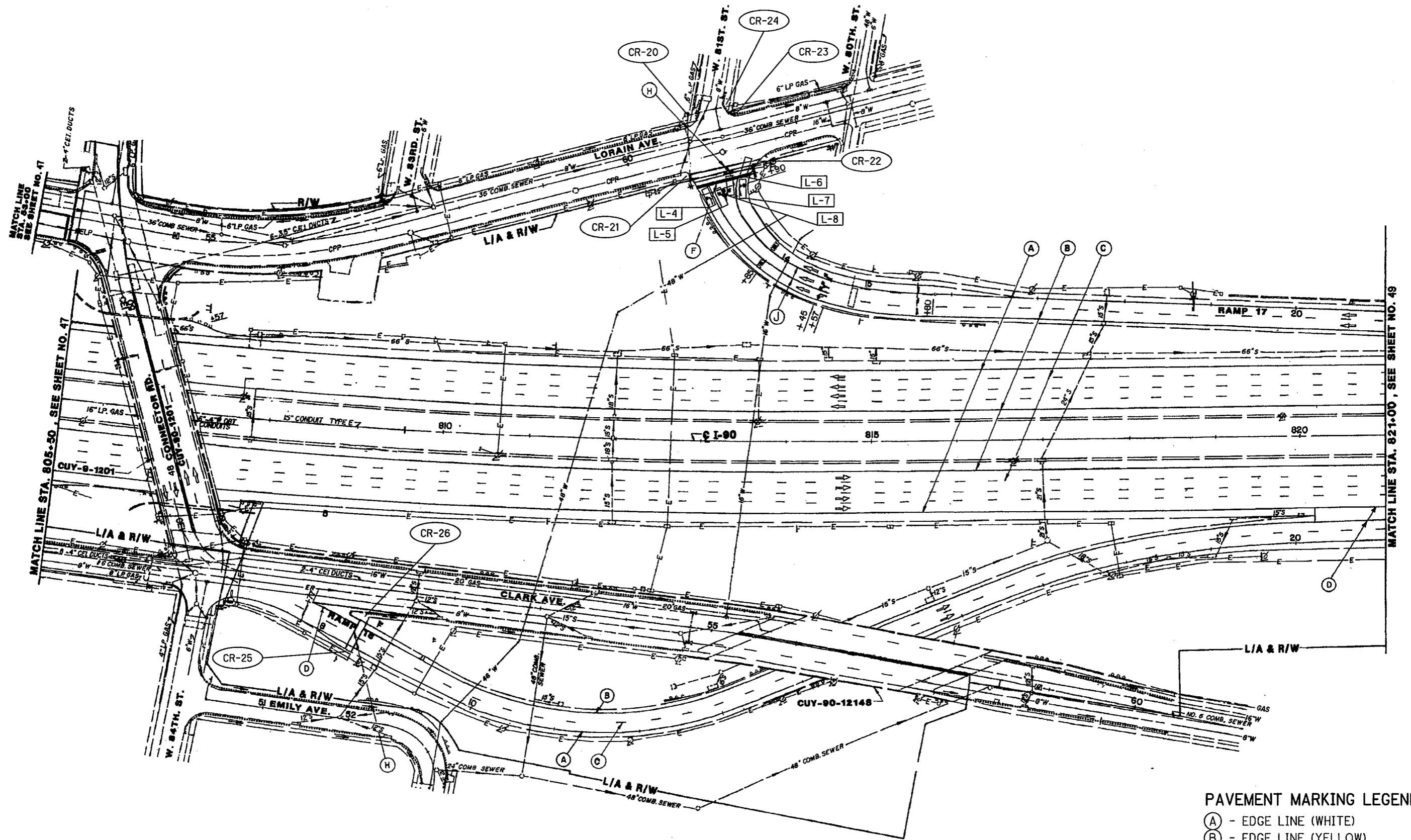
CHANGE ORDER

CUY-90-7.74

PLAN SHEET  
STA. 791+25.00 TO STA. 805+50.00

CALCULATED  
ENK  
CHECKED  
LDH





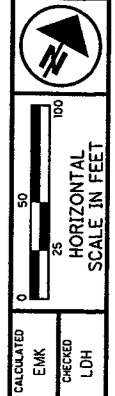
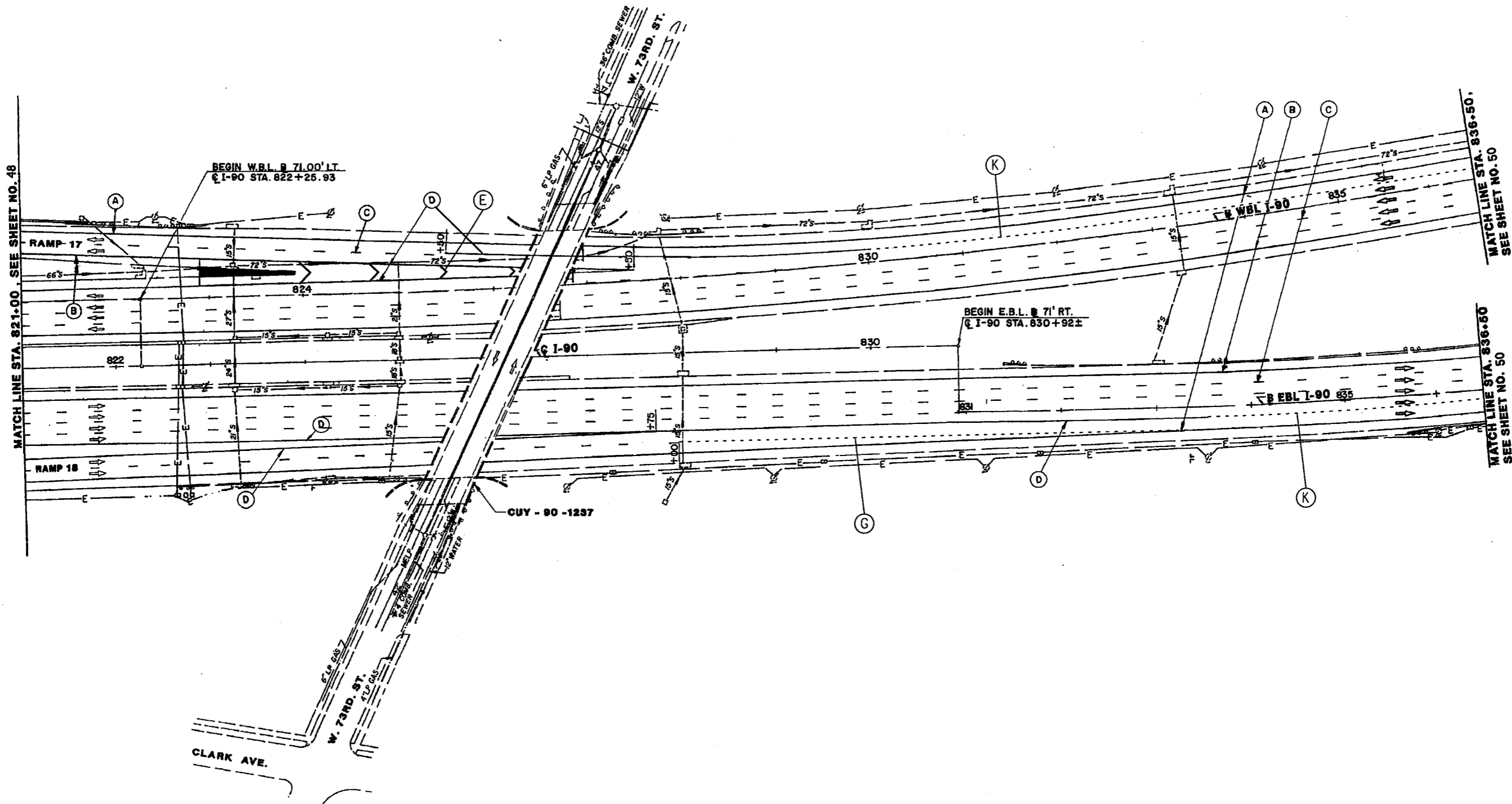
CALCULATED  
EMK  
CHECKED  
LDH

**PLAN SHEET**  
STA. 805+50.00 TO STA. 821+00.00

*CHANGE ORDER*  
CUY-90-7.74

- PAVEMENT MARKING LEGEND**
- (A) - EDGE LINE (WHITE)
  - (B) - EDGE LINE (YELLOW)
  - (C) - LANE LINE
  - (D) - CHANNELIZING LINE, 12"
  - (E) - TRANSVERSE/DIAGONAL LINE
  - (F) - STOP LINE
  - (G) - DOTTED LINE, 6"
  - (H) - CROSSWALK LINE
  - (J) - CHANNELIZING LINE, 8"
  - (K) - DOTTED LINE, 12"





CALCULATED	EMK	CHECKED	LDH
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**PLAN SHEET**  
**STA. 821+00.00 TO STA. 836+50.00**

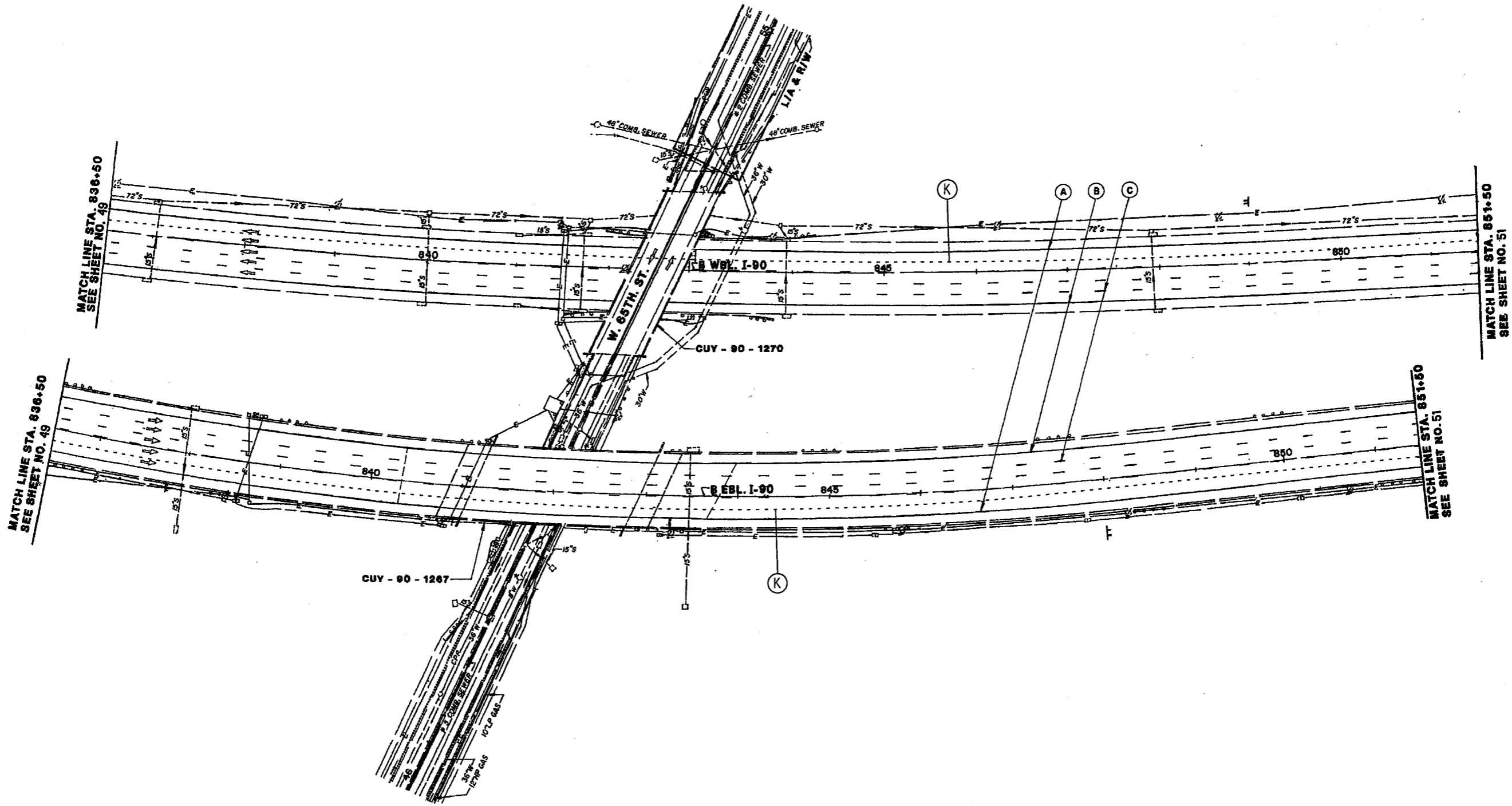
**PAVEMENT MARKING LEGEND**

- (A) - EDGE LINE (WHITE)
- (B) - EDGE LINE (YELLOW)
- (C) - LANE LINE
- (D) - CHANNELIZING LINE, 12"
- (E) - TRANSVERSE/DIAGONAL LINE
- (F) - STOP LINE
- (G) - DOTTED LINE, 6"
- (H) - CROSSWALK LINE
- (J) - CHANNELIZING LINE, 8"
- (K) - DOTTED LINE, 12"

**CHANGE ORDER**

**CUY - 90 - 7.74**

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PAVEMENT MARKING LEGEND

- (A) - EDGE LINE (WHITE)
- (B) - EDGE LINE (YELLOW)
- (C) - LANE LINE
- (D) - CHANNELIZING LINE, 12"
- (E) - TRANSVERSE/DIAGONAL LINE
- (F) - STOP LINE
- (G) - DOTTED LINE, 6"
- (H) - CROSSWALK LINE
- (J) - CHANNELIZING LINE, 8"
- (K) - DOTTED LINE, 12"

CHANGE ORDER

CUY-90-7.74

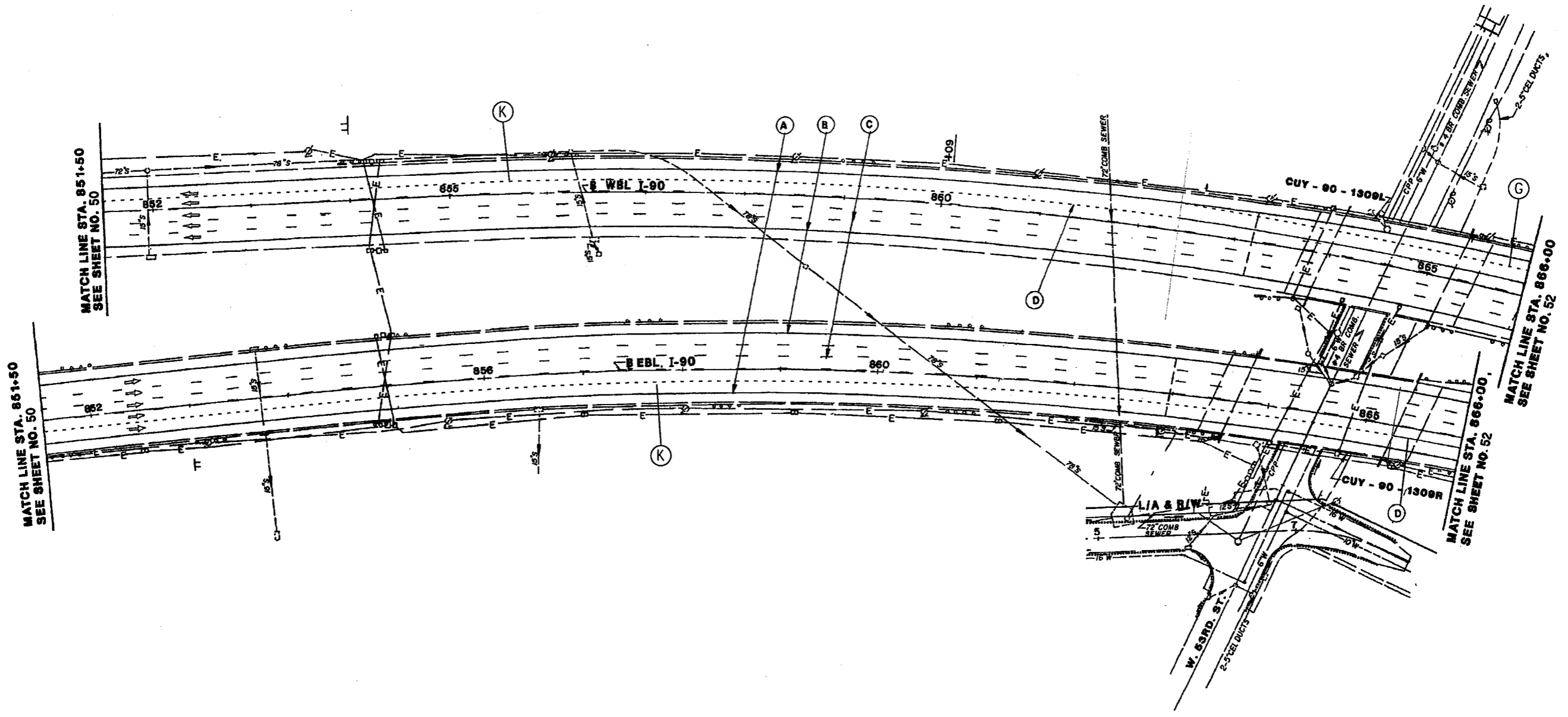
PLAN SHEET  
STA. 836+50.00 TO STA. 851+50.00

50  
53

CALCULATED  
EMK

CHECKED  
LDH





- PAVEMENT MARKING LEGEND**
- (A) - EDGE LINE (WHITE)
  - (B) - EDGE LINE (YELLOW)
  - (C) - LANE LINE
  - (D) - CHANNELIZING LINE, 12"
  - (E) - TRANSVERSE/DIAGONAL LINE
  - (F) - STOP LINE
  - (G) - DOTTED LINE, 6"
  - (H) - CROSSWALK LINE
  - (J) - CHANNELIZING LINE, 8"
  - (K) - DOTTED LINE, 12"

CALCULATED  
EMK

CHECKED  
LDH

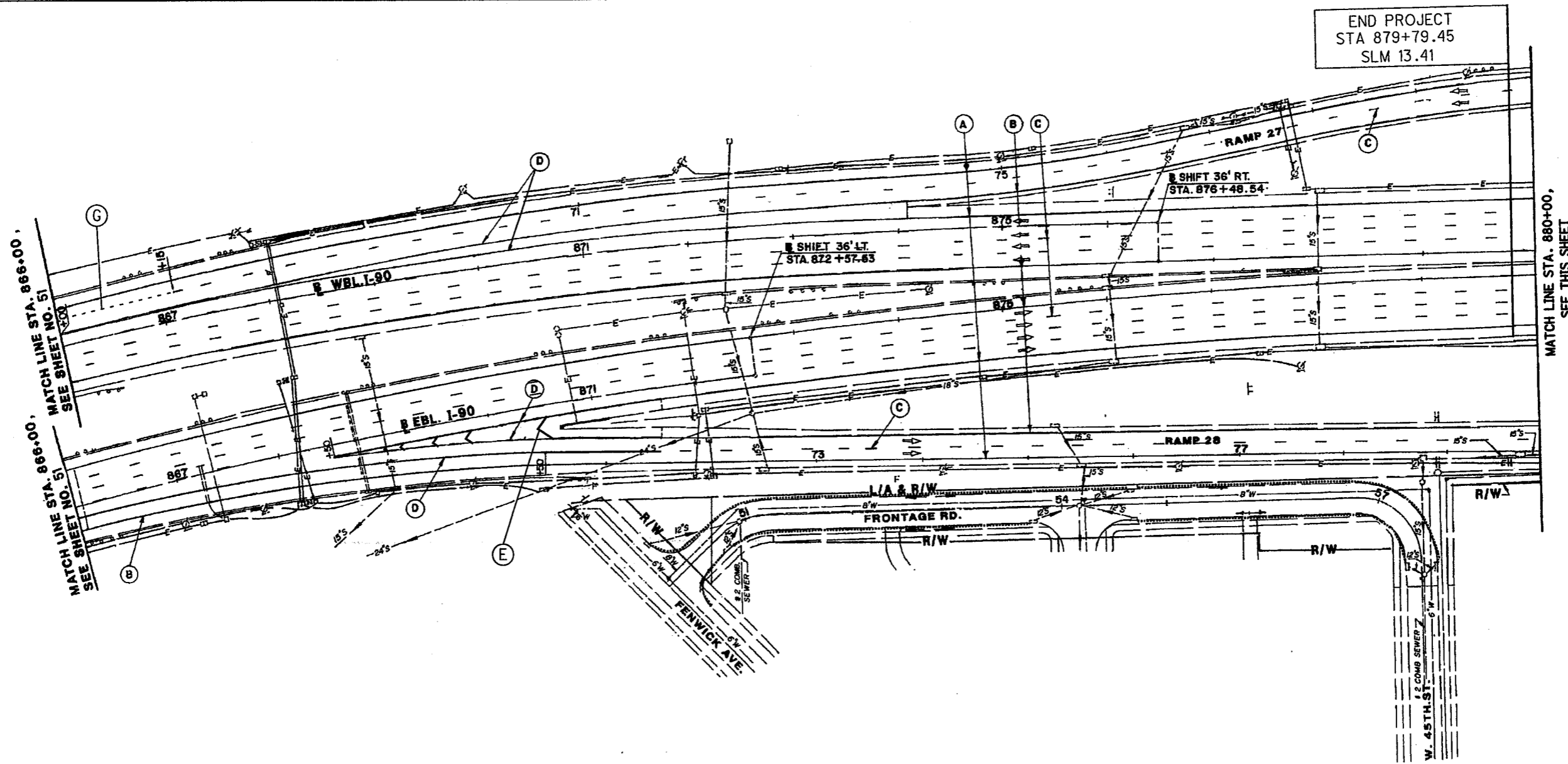
HORIZONTAL  
SCALE IN FEET

**PLAN SHEET**  
**STA. 851+50.00 TO STA. 866+00.00**

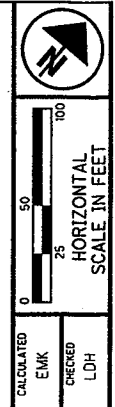
*CHANGE ORDER*

**CUY-90-7.74**

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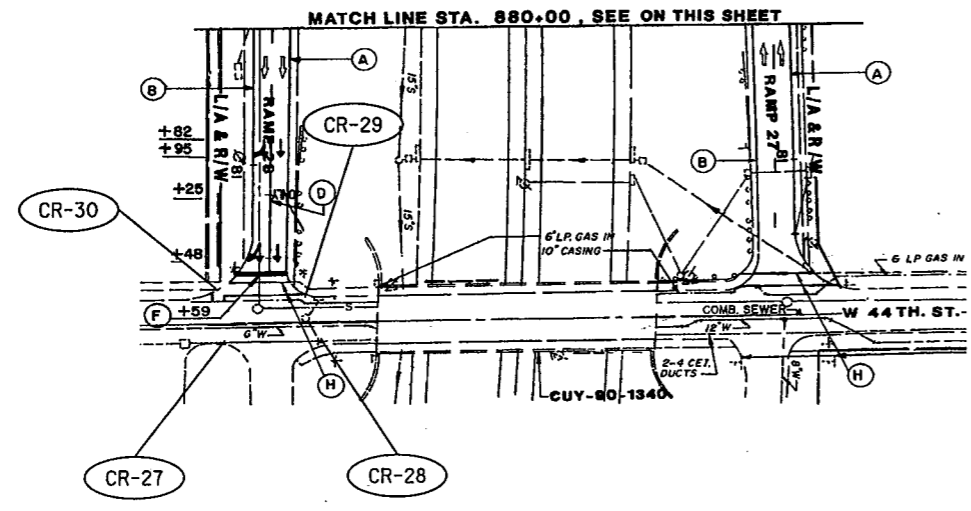


END PROJECT  
STA 879+79.45  
SLM 13.41



CALCULATED  
ENK  
CHECKED  
LDH

PLAN SHEET  
STA. 866+00.00 TO STA. 880+00.00



PAVEMENT MARKING LEGEND

- (A) - EDGE LINE (WHITE)
- (B) - EDGE LINE (YELLOW)
- (C) - LANE LINE
- (D) - CHANNELIZING LINE, 12"
- (E) - TRANSVERSE/DIAGONAL LINE
- (F) - STOP LINE
- (G) - DOTTED LINE, 6"
- (H) - CROSSWALK LINE
- (J) - CHANNELIZING LINE, 8"
- (K) - DOTTED LINE, 12"

CHANGE ORDER

CUY-90-7.74



# Interoffice Communication

**TO:** Greg Kronstain, Construction Area Engineer

**DATE:** April 5, 2013

**FROM:** Eric Kallio, Design Engineer

**BY:** EMK

**PROJECT:** CUY-90-7.74, Project 130036

**PID:** 85524

**SUBJECT:** Pavement Marking Change Order

Enclosed are revised plan sheets, sheets 30-52, revised Pavement Marking Subsummaries and a Pavement Marking Detail Sheet depicting pavement marking revisions to the acceleration and deceleration lanes.

Below are the quantity revisions and additions to the plans:

Change Order Quantities					
Ref. No.	Item Ext.	Description	Original Plan Qty.	Change Order Qty.	Change Order Dif.
18	621E00100	RPM	3,134 Each	3,136 Each	+ 2 Each
20	646E10010	Edge Line, 6"	30.82 Mile	29.41 Mile	- 1.41 Mile
21	646E10110	Lane Line, 6"	37.43 Mile	35.87 Mile	- 1.56 Mile
22	646E10310	Channelizing Line, 12"	18,386 Ft.	26,020 Ft.	+ 7,634 Ft.
26	646E20300	Lane Arrow	36 Each	32 Each	- 4 Each
27	646E20510	Dotted Line, 12"	1,840 Ft.	7,674 Ft.	+ 5,834 Ft.
Non Bid	646E10300	Channelizing Line, 8"		1,382 Ft.	+ 1,382 Ft.
Non Bid	646E20504	Dotted Line, 6"		9,341 Ft.	+ 9,341 Ft.

EMK

Enclosures

c: Mike Vrabel  
Eric Kallio  
Frank Konopka  
File (pid 85524)