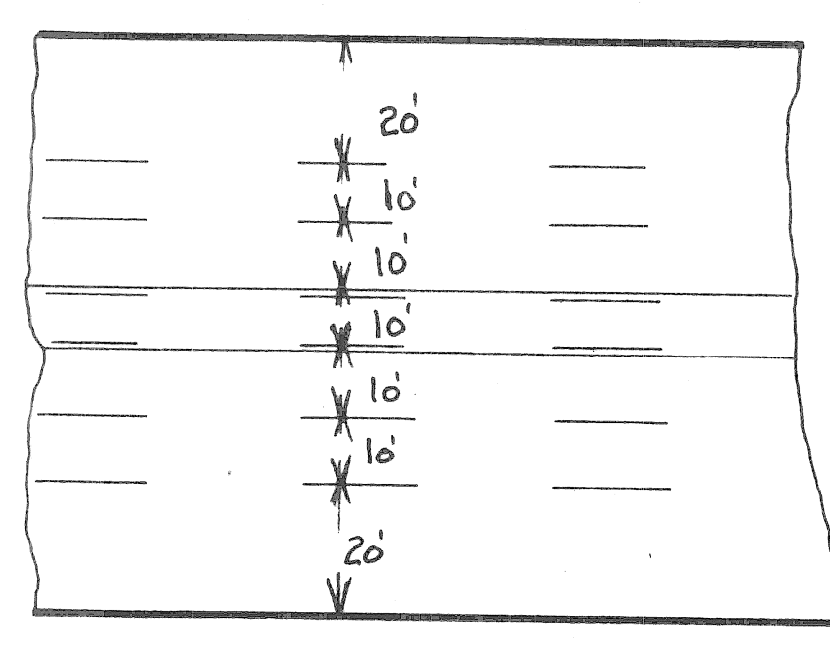
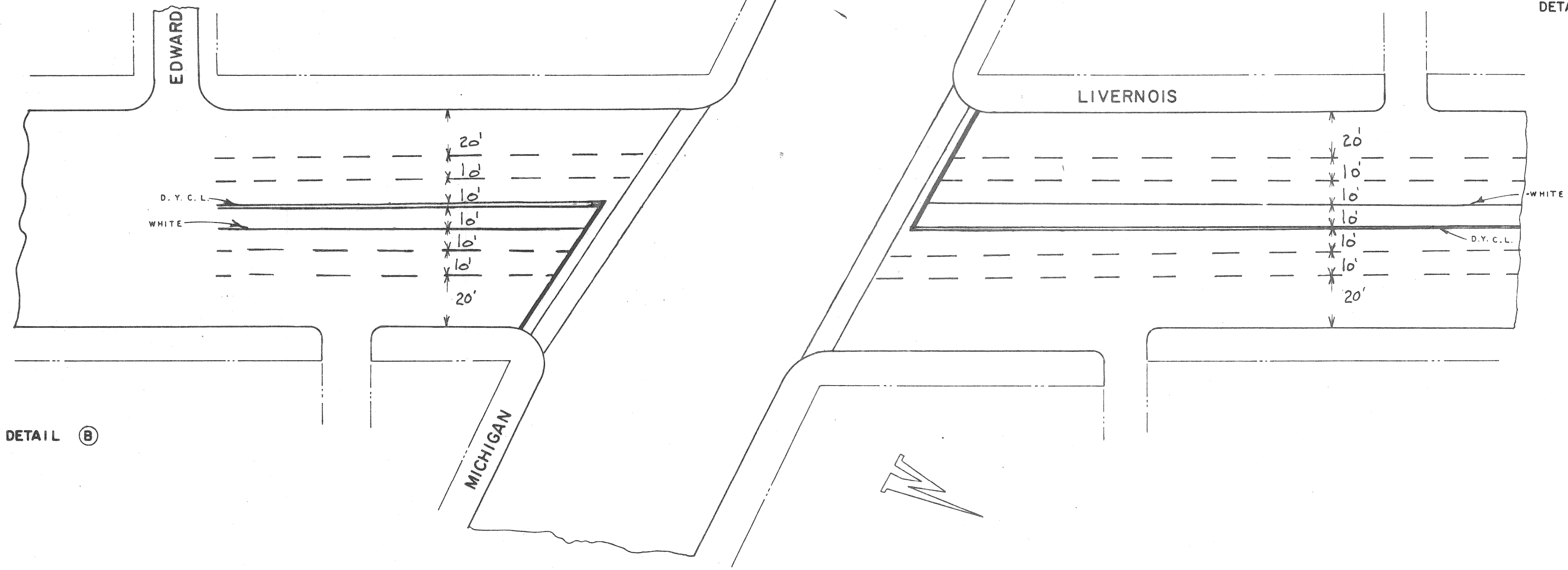


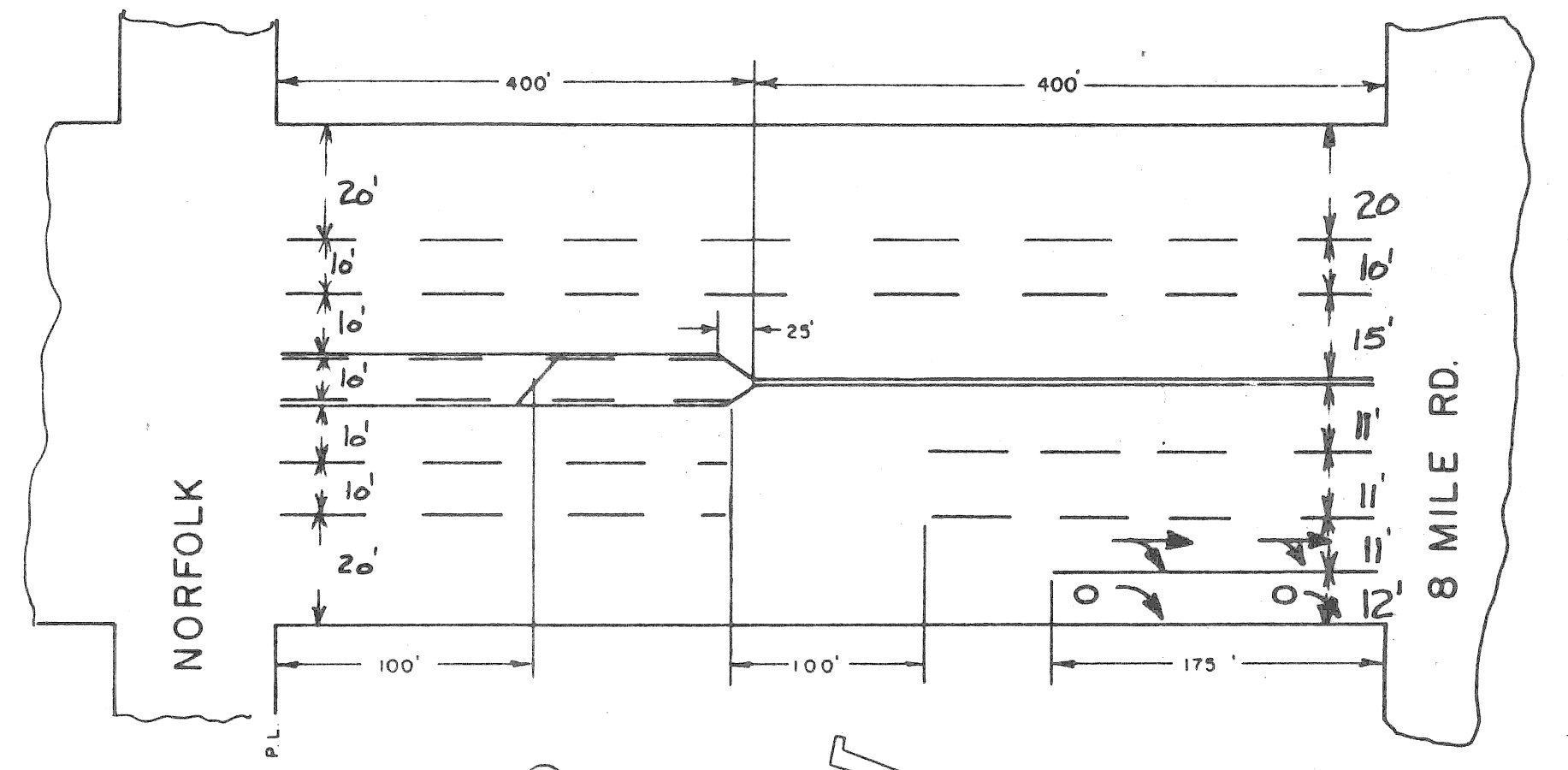
see DR'W'G. MG-6300



DETAIL A

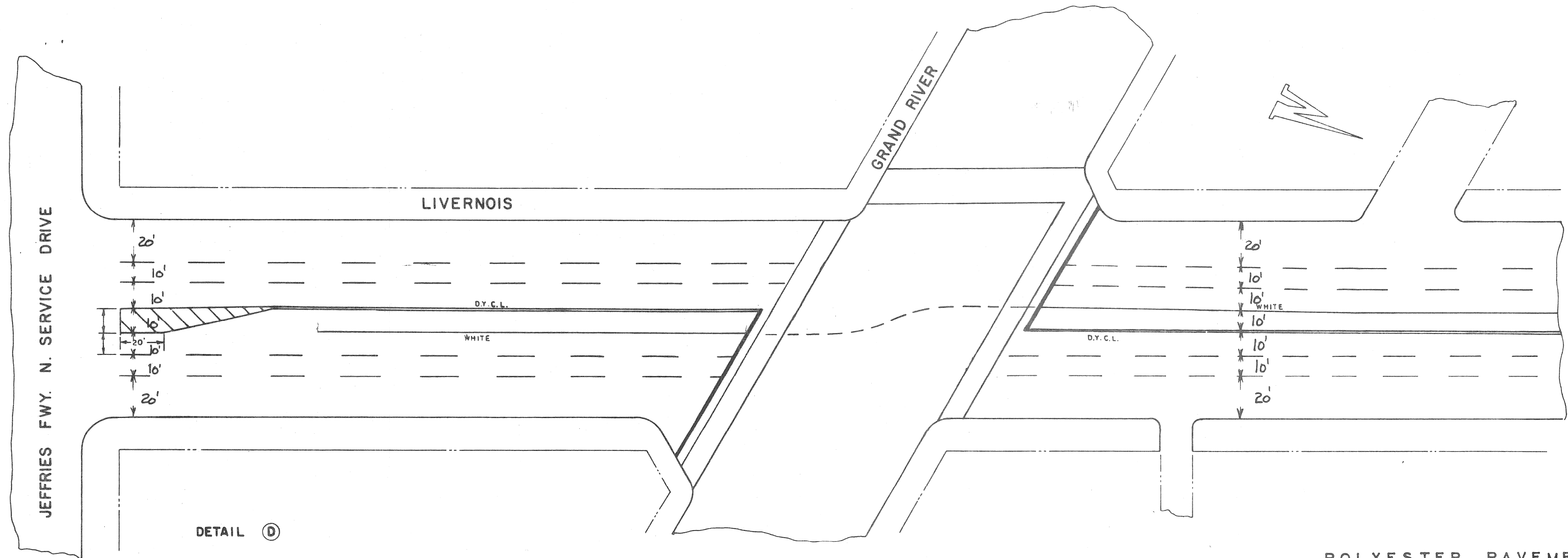


DETAIL B



DETAIL C

NOTE:
FOR LEGEND SEE SHEET # 2

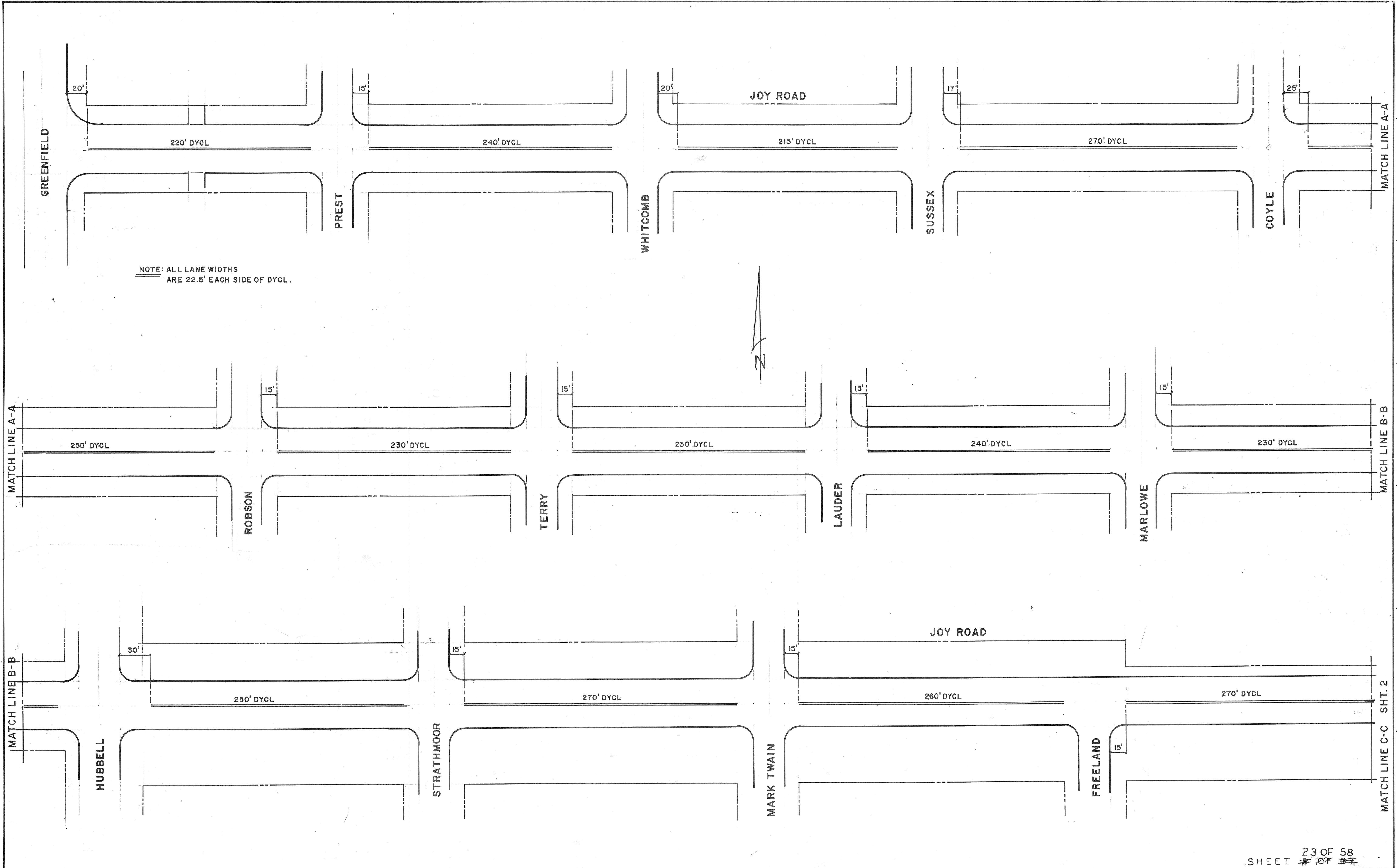


DETAIL D

POLYESTER PAVEMENT MARKINGS

22 OF 58
2 OF 2
SHEET 8 OF 10

11-7-88	JRZ	REVISED FOR CENTERLINE WIDENING
29 Jan 1989	DRE	Relocated Overhead Signs Per "AS BUILT" Log
8-5-89	B. R.	ADV. 8-AUG.-79
12-25-89	B. R.	LIV. - MI CH. 15. REMOVED, PAINT-CORRECTED
DATE	BY	REVISION
CITY OF DETROIT DEPARTMENT OF STREETS AND TRAFFIC		
LIVERNOIS AVENUE LANING		
DRAWN HD	CHECKED	NO L-30a
APPROVED	SCALE 1"=200'	DATE 1-72

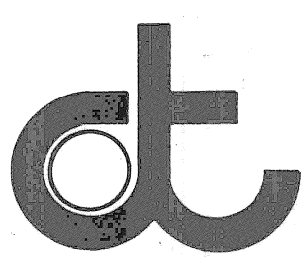


NO.	DESCRIPTION	BY	CHKD	APPR	DATE

REVISIONS LOCATED BY COORDINATES ON SHEET

DESIGNED BY	S. J.
DRAWN BY	ER
TRACED BY	
CHECKED BY	

APPROVED:	<i>CA</i>
-----------	-----------

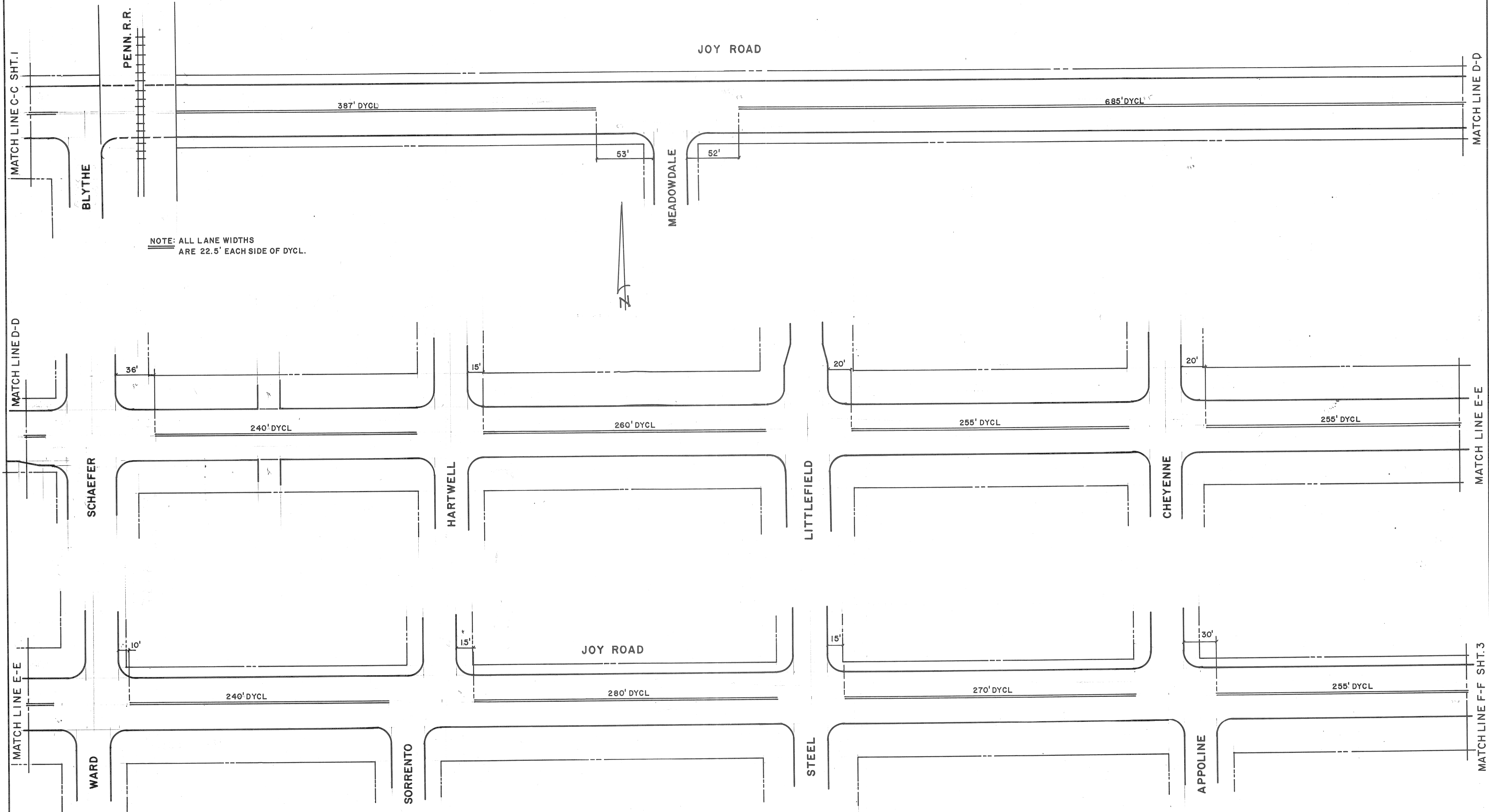


CITY OF DETROIT
DEPARTMENT OF TRANSPORTATION
PLANNING & TRAFFIC ENGINEERING

JOY ROAD
GREENFIELD-LINWOOD
LIMITS: GREENFIELD-270' E/O FREELAND

23 OF 58
SHEET ~~2~~ OF ~~7~~

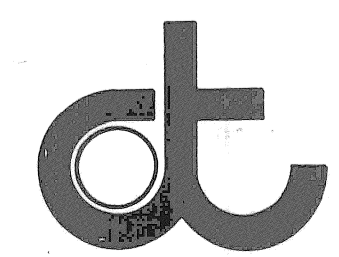
SHEET	1	OF	7	SHEETS
SCALE	1" = 40'			
DRWG No.	CL - 45			
DATE	11 / 4 / 89			



24 OF 58
SHEET 2 OF 7

NO.	DESCRIPTION	DATE

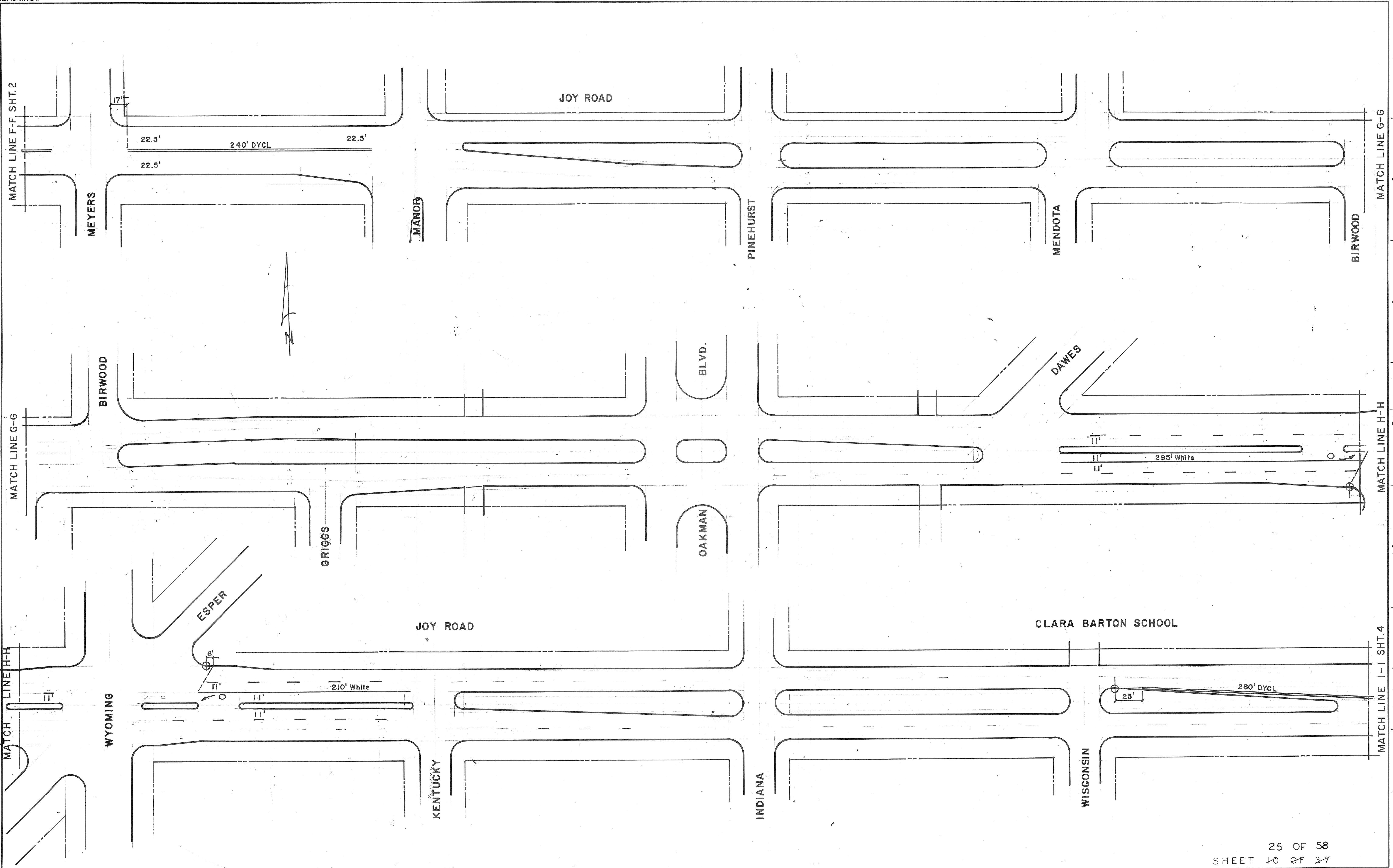
DESIGNED BY	APPROVED
S. J.	
DRAWN BY	
TRACED BY	
CHECKED BY	



CITY OF DETROIT
DEPARTMENT OF TRANSPORTATION
PLANNING & TRAFFIC ENGINEERING

JOY ROAD
GREENFIELD-LINWOOD
LIMITS: 580' W/O MEADOWDALE - 245' E/O APPOLINE

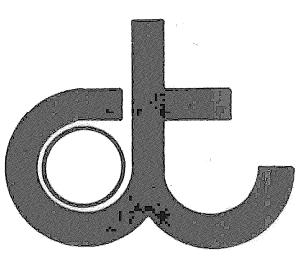
SHEET 2 OF 7 SHEETS
SCALE 1" = 40'
DRWG No. CL-45
DATE 11/4/89



NO.	DESCRIPTION	DATE

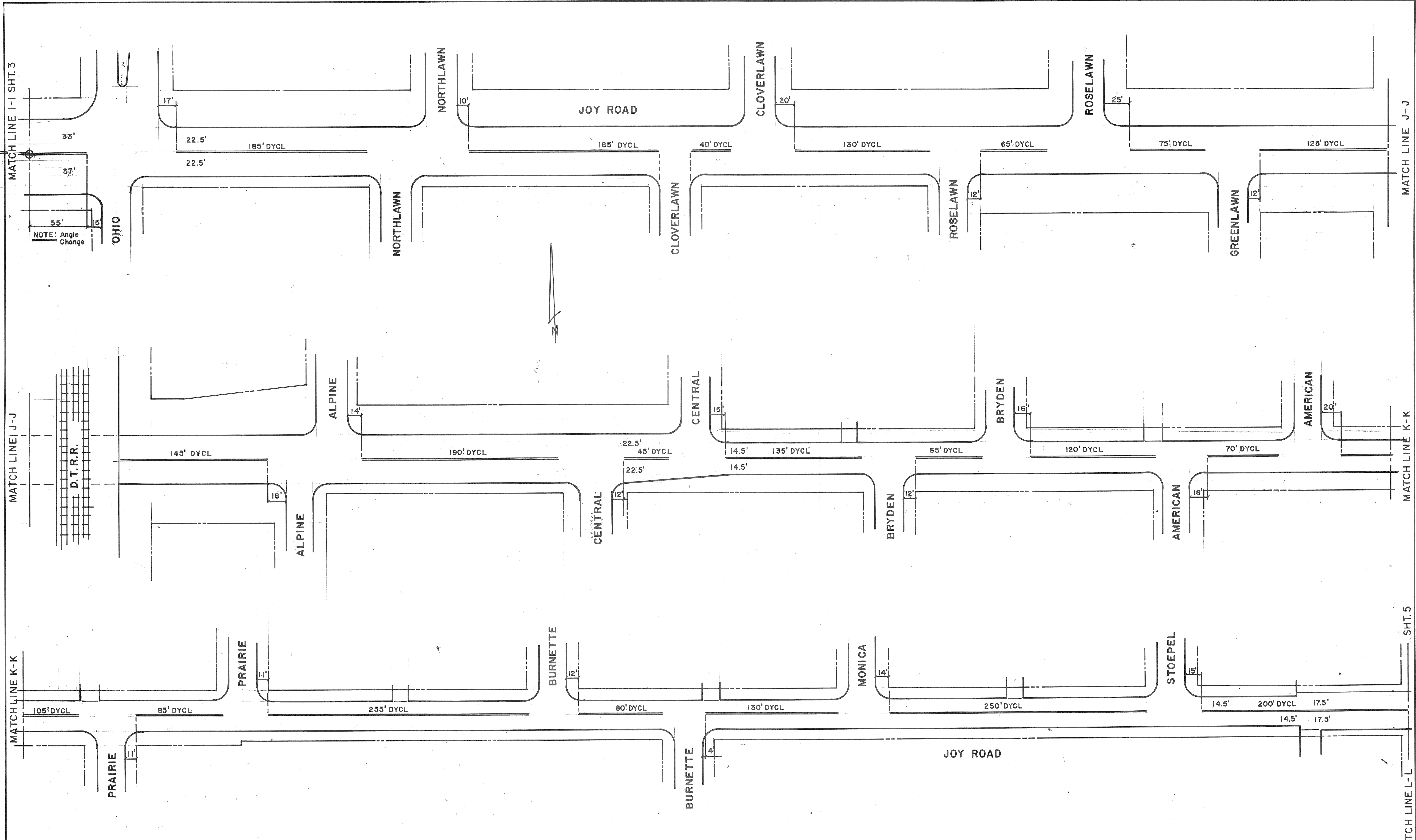
DESIGNED BY	S. J.
DRAWN BY	SK
TRACED BY	
CHECKED BY	

APPROVED:	


CITY OF DETROIT
 DEPARTMENT OF TRANSPORTATION
 PLANNING & TRAFFIC ENGINEERING

JOY ROAD
GREENFIELD-LINWOOD
 LIMITS: 85' W/O MEYERS-280' E/O WISCONSIN

25 OF 58
SHEET 10 OF 37
SHEET 3 OF 7 SHEETS
SCALE 1" = 40'
DRWG No. CL-45A
DATE 11/6/89



MATCH LINE I-I SHT. 3

MATCH LINE J-J

MATCH LINE K-K

MATCH LINE J-J

MATCH LINE K-K

SHT. 5

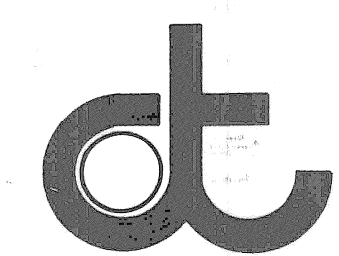
MATCH LINE L-L

NO.	DESCRIPTION	DATE	BY	CHKD	APPROV

REVISIONS LOCATED BY COORDINATES ON SHEET

DESIGNED BY	S. J.
DRAWN BY	ER
TRACED BY	
CHECKED BY	

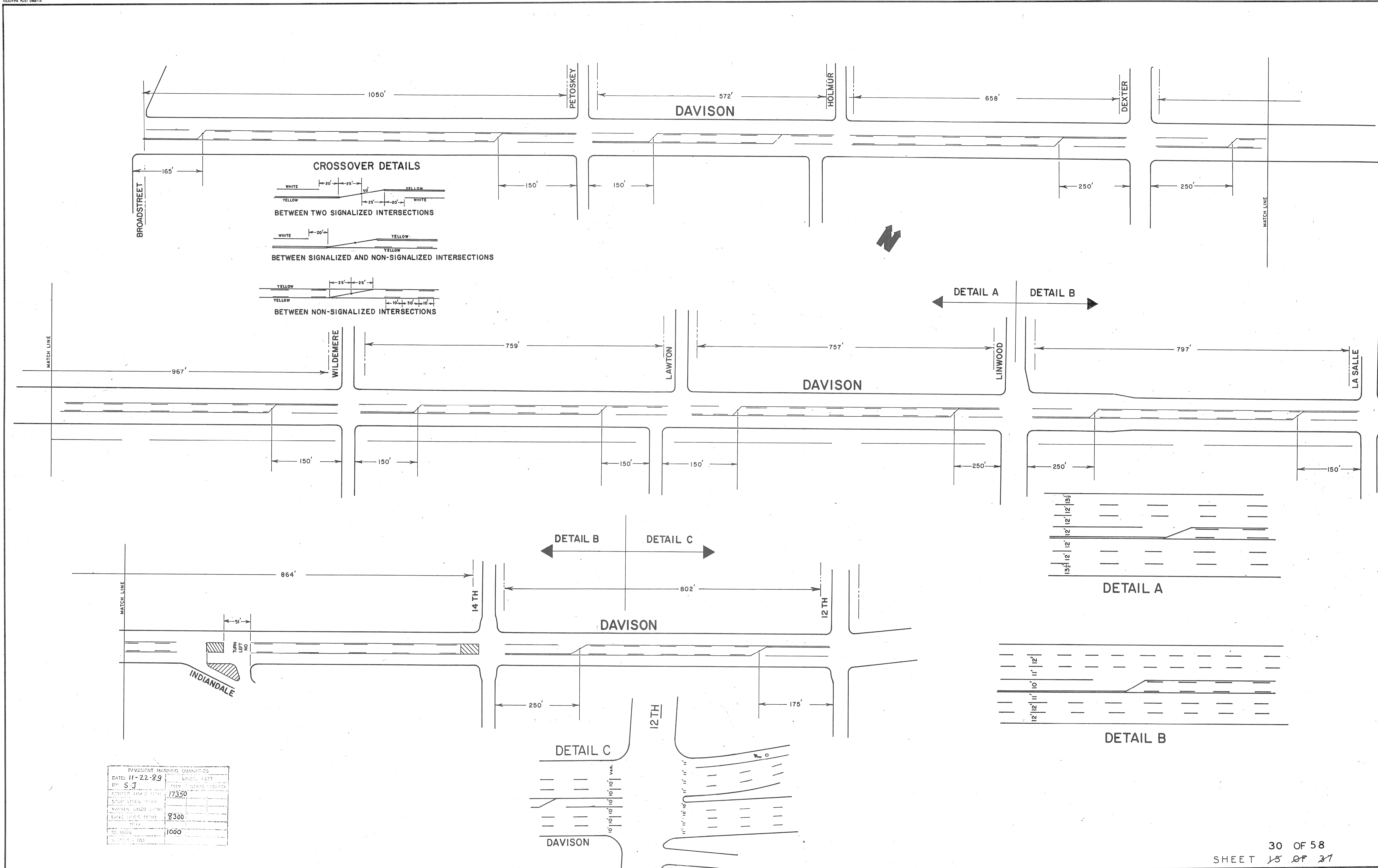
APPROVED:	<i>CA</i>
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CITY OF DETROIT
 DEPARTMENT OF TRANSPORTATION
 PLANNING & TRAFFIC ENGINEERING

JOY ROAD
GREENFIELD-LINWOOD
 LIMITS: 85' W/O OHIO - 230' E/O STOEPEL

26 OF 58
SHEET 11 OF 37
SHEET 4 OF 7 SHEETS
SCALE 1" = 40'
DRWG No. CL - 45
DATE 11/8/89



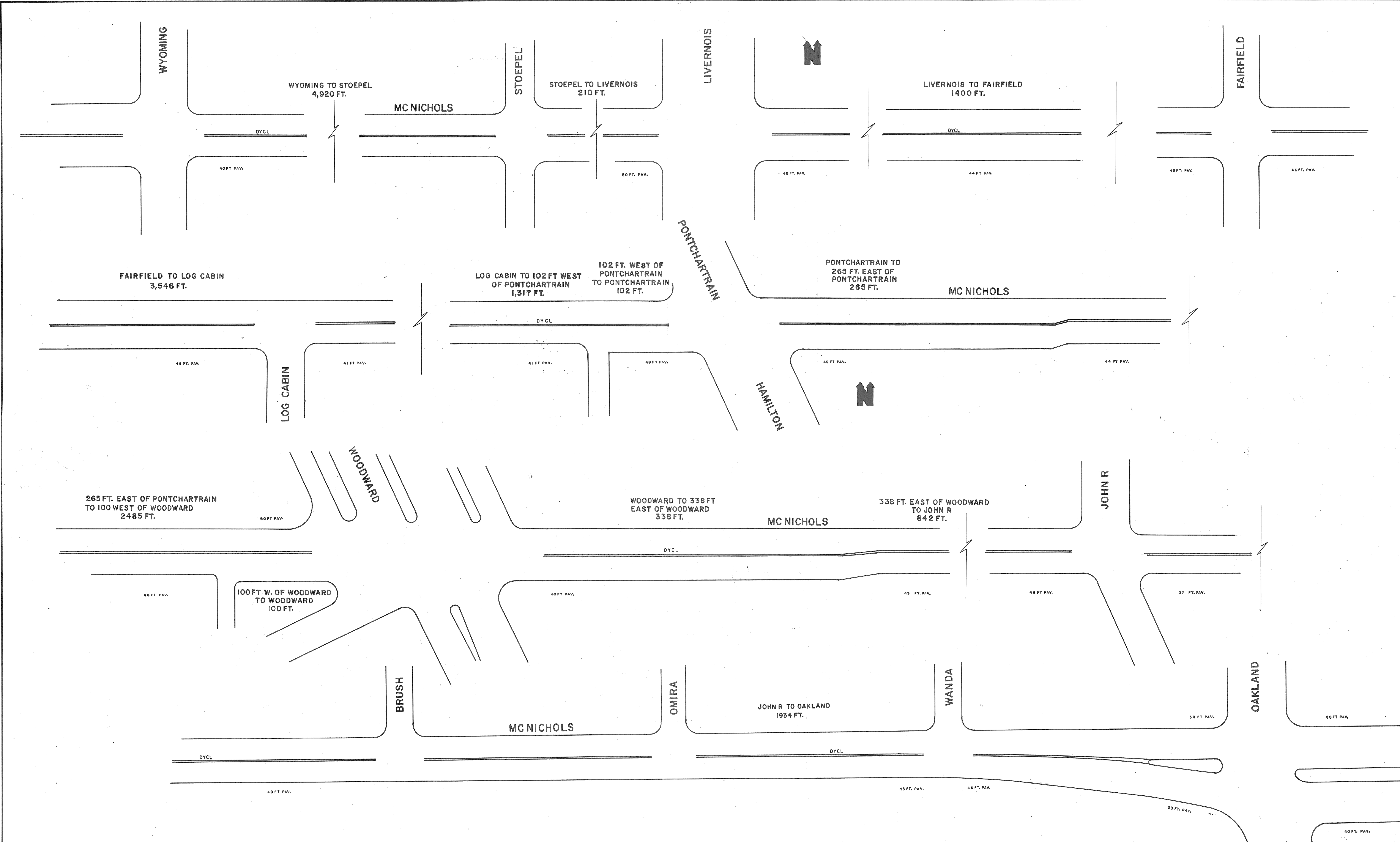
PAVEMENT MARKING QUANTITIES	
DATE: 11-22-89	UNITS: FEET
BY: S.J.	NO. QUANTITY
PAVED LINES (10')	17350
PAVED LINES (15')	
PAVED LINES (20')	8300
PAVED LINES (25')	
PAVED LINES (30')	
PAVED LINES (40')	1000

<table border="1"> <thead> <tr> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> <th>CHK'D</th> <th>AP'D</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>	DATE	DESCRIPTION	BY	CHK'D	AP'D	DATE							DESIGNED BY ZIELINSKI	APPROVED: 	CITY OF DETROIT DEPARTMENT OF TRANSPORTATION PLANNING & TRAFFIC ENGINEERING	DAVISON LIVERNOIS TO TWELFTH	30 OF 58 SHEET 15 OF 27
	DATE	DESCRIPTION	BY	CHK'D	AP'D	DATE											
DRAWN BY ZIELINSKI	SCALE = NONE		SHEET 1 OF 1 SHEETS DRWG NO. L-11B DATE 4-21-89														

A
B
C
D
E
F
G

1
2
3
4
5
6
7
8
9
10
11

24x36"



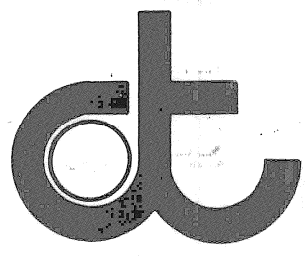
VERTICAL SCALE 1"=40'

31 OF 58
SHEET 16 OF 31

NO.	DESCRIPTION	DATE

DESIGNED BY	ZIELINSKI
DRAWN BY	
TRACED BY	
CHECKED BY	

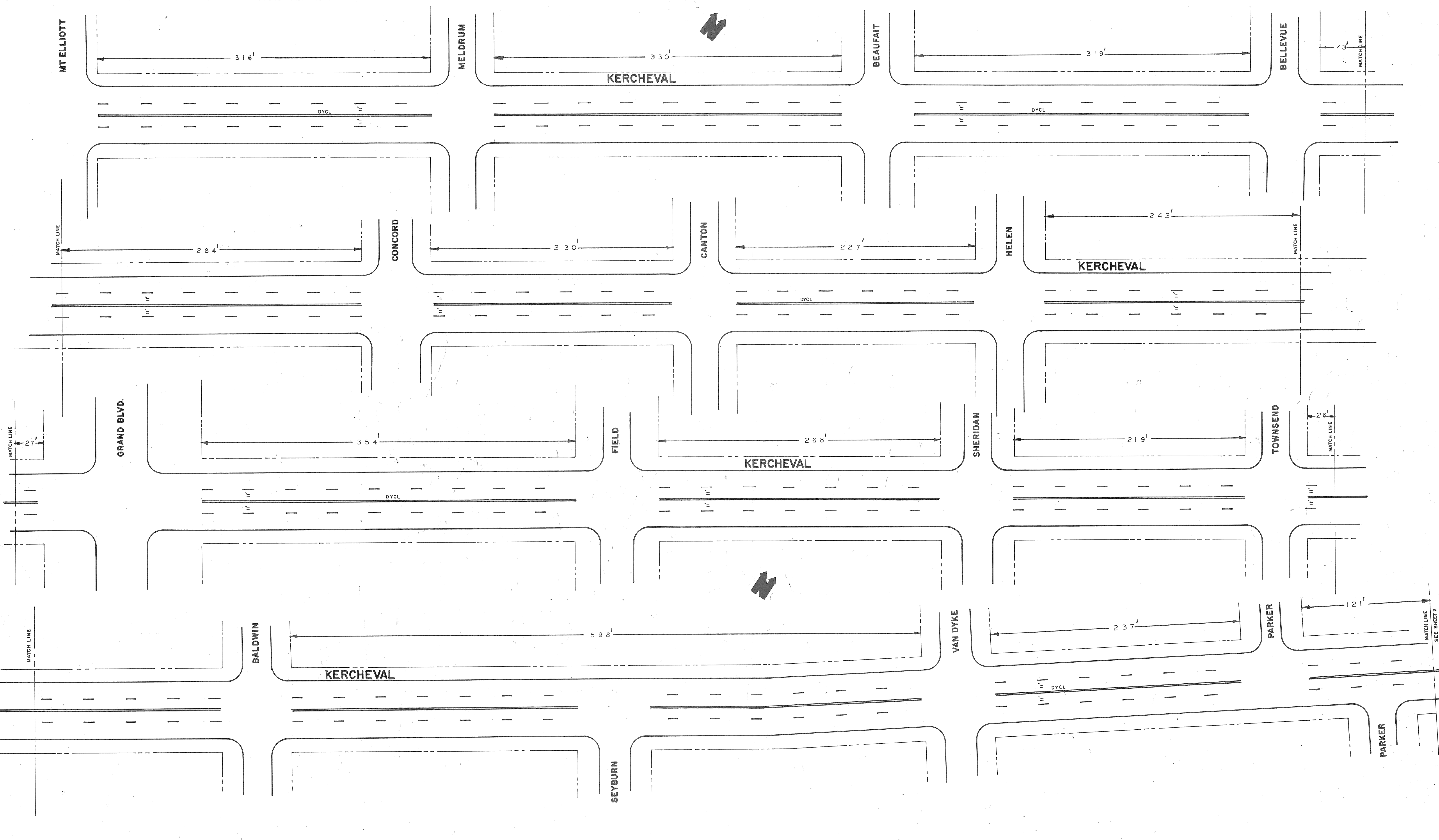
APPROVED: *alw*



CITY OF DETROIT
DEPARTMENT OF TRANSPORTATION
PLANNING & TRAFFIC ENGINEERING

MC NICHOLS
WYOMING TO OAKLAND

SHEET 16 OF 31 SHEETS
SCALE 1"=40'
DRWG No. L-33a
DATE 10-16-89



COORD	DESCRIPTION	DRN	CKD	APVD	DATE

REVISIONS LOCATED BY COORDINATES ON SHEET

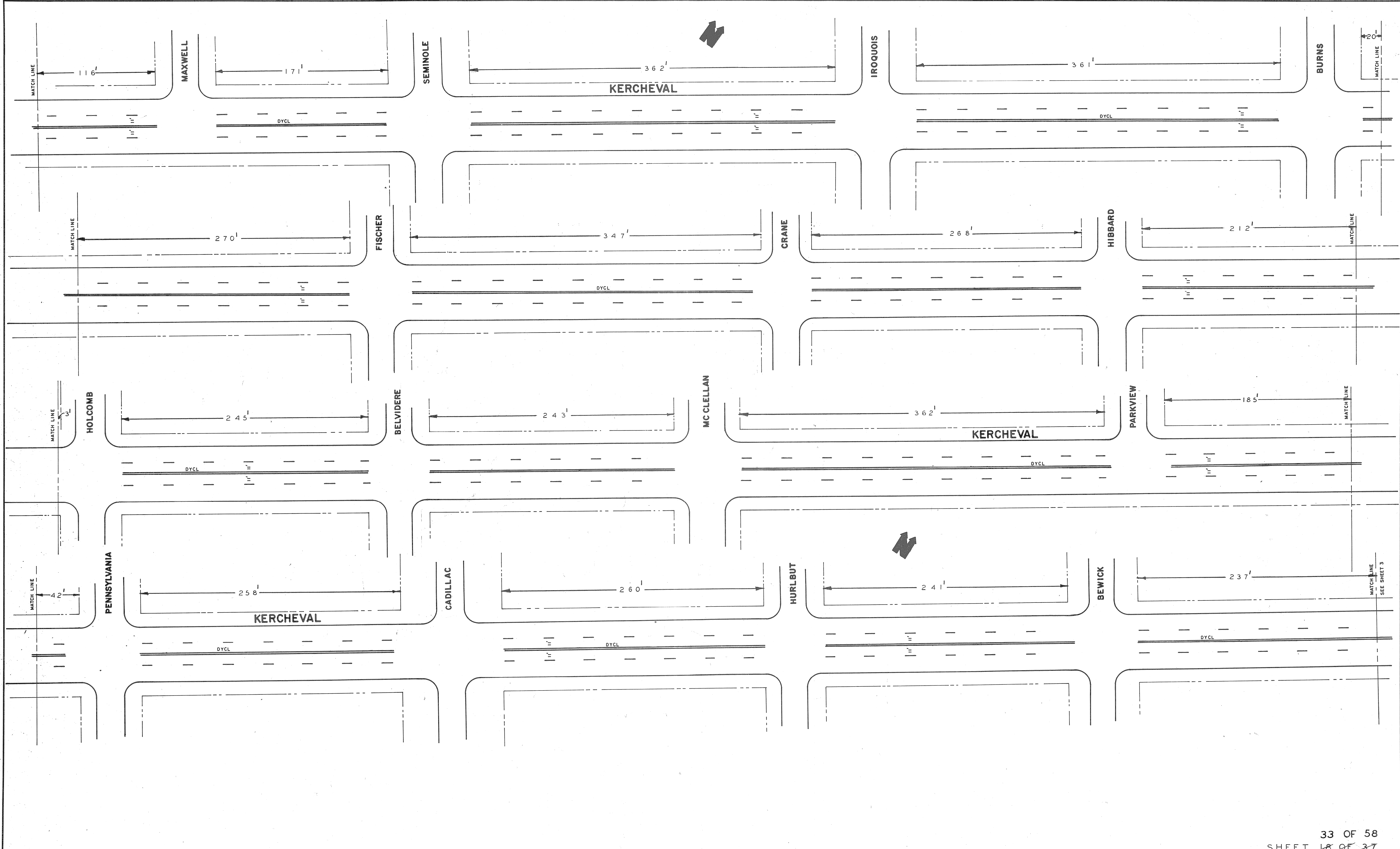
DESIGNED BY	ZIELINSKI
DRAWN BY	
TRACED BY	
CHECKED BY	

APPROVED:	<i>W.S.</i>
SCALE	1"=40'

CITY OF DETROIT
DEPARTMENT OF TRANSPORTATION
PLANNING AND TRAFFIC ENGINEERING

KERCHEVAL
MT ELLIOTT TO ALTER

SHEET	1	OF	4	SHEETS
JOB No.				
DRWG No.	L-64			
DATE	11-17-89			



33 OF 58
SHEET 18 OF 37

NO.	DESCRIPTION	DRN	CHKD	APVD	DATE

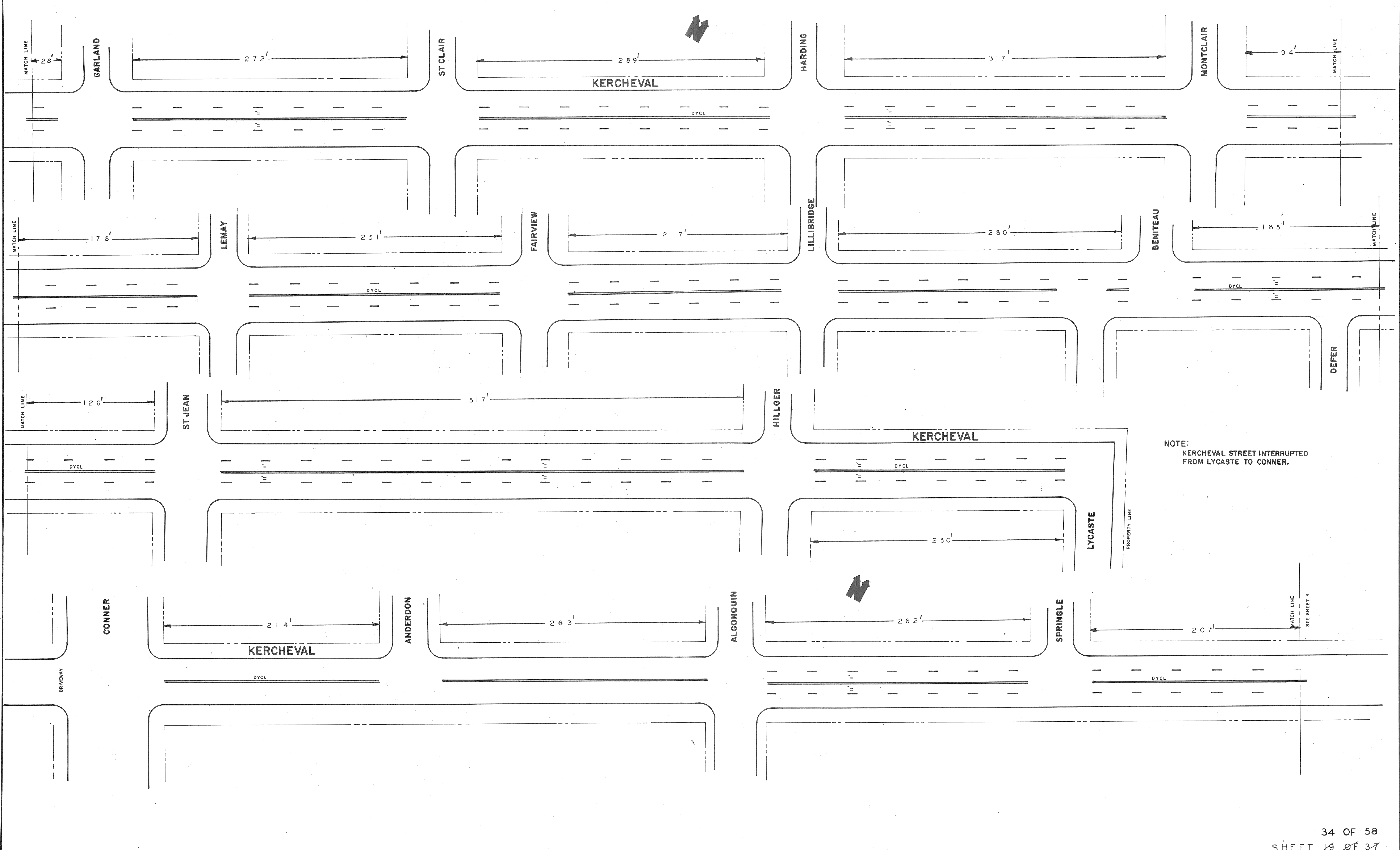
REVISIONS LOCATED BY COORDINATES ON SHEET

DESIGNED BY	ZIELINSKI
DRAWN BY	
TRACED BY	
CHECKED BY	

APPROVED: *CB*
 SCALE 1"=40'
 CITY OF DETROIT
 DEPARTMENT OF TRANSPORTATION
 PLANNING AND TRAFFIC ENGINEERING

KERCHEVAL
MT ELLIOTT TO ALTER

SHEET 2 OF 4 SHEETS
JOB No.
DRWG No. L-64
DATE 11-17-89



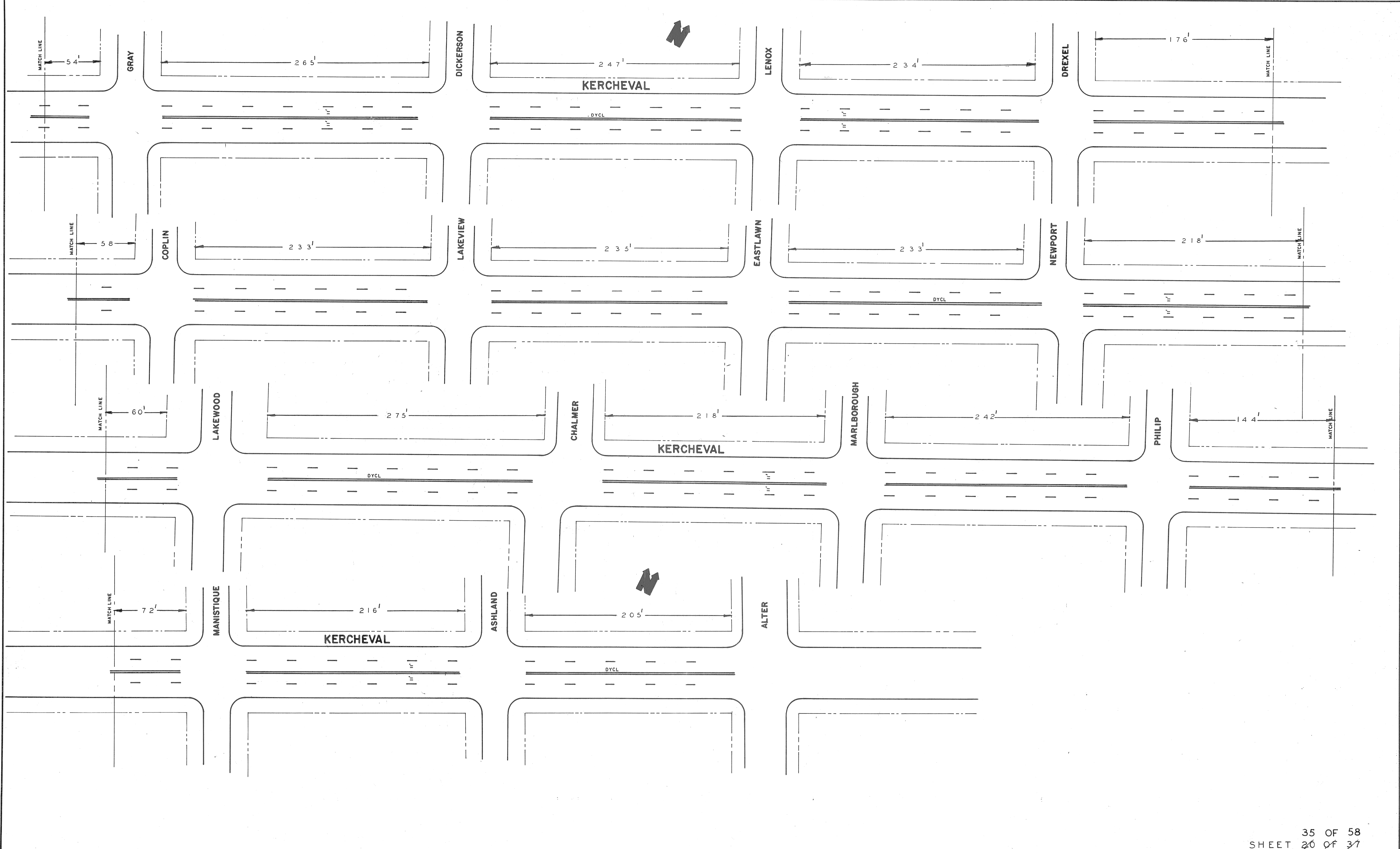
NOTE:
KERCHEVAL STREET INTERRUPTED
FROM LYCASTE TO CONNER.

DESIGNED BY	ZIELINSKI	APPROVED:	<i>abw</i>
DRAWN BY		SCALE	1" = 40'
TRACED BY			
CHECKED BY			
REFERENCE DRAWINGS			
COORD	DESCRIPTION	DRN	CK'D
REVISIONS LOCATED BY COORDINATES ON SHEET			

CITY OF DETROIT
DEPARTMENT OF TRANSPORTATION
PLANNING AND TRAFFIC ENGINEERING

KERCHEVAL
MT ELLIOTT TO ALTER

SHEET 3 OF 4 SHEETS
JOB No.
DRWG No. L-64
DATE 11-17-89



35 OF 58
SHEET 20 OF 37

COORD	DESCRIPTION	DRN	CK'D	AP'D	DATE

REVISIONS LOCATED BY COORDINATES ON SHEET

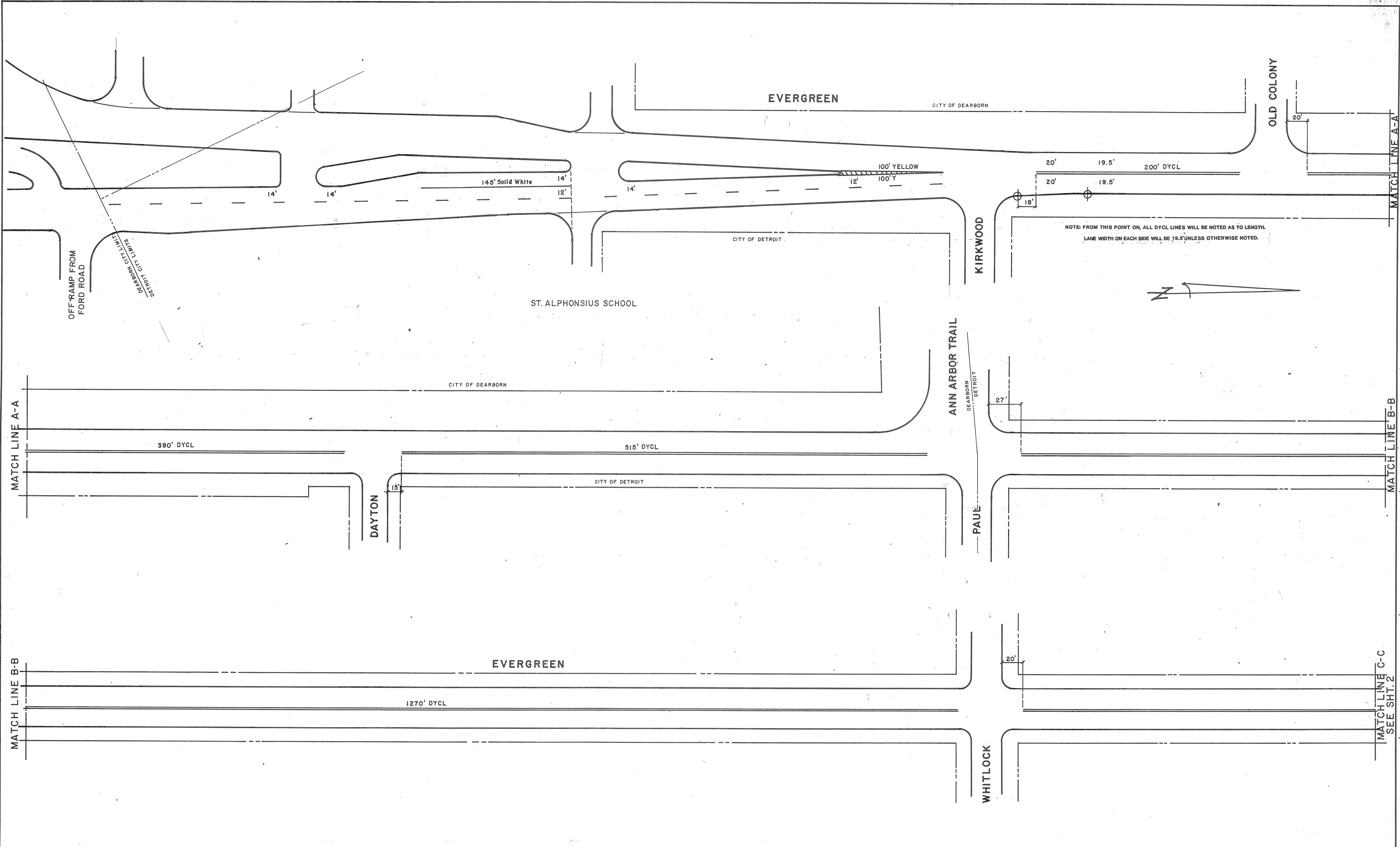
DESIGNED BY	ZIELINSKI
DRAWN BY	
TRACED BY	
CHECKED BY	

APPROVED:	<i>awb</i>
SCALE	1"=40'

CITY OF DETROIT
DEPARTMENT OF TRANSPORTATION
PLANNING AND TRAFFIC ENGINEERING

KERCHEVAL
MT ELLIOTT TO ALTER

SHEET 4 OF 4 SHEETS
JOB No.
DRWG No. L-64
DATE 11-17-89



36 OF 58
SHEET 21 OF 37

COORD	DESCRIPTION	DRW	CHK	APVD	DATE

REVISIONS LOCATED BY COORDINATES ON SHEET

DESIGNED BY	E.L.	APPROVED:	
DRAWN BY	<i>ML</i>		
TRACED BY			
CHECKED BY	<i>lp</i>		

CITY OF DETROIT
DEPARTMENT OF TRANSPORTATION
PLANNING & TRAFFIC ENGINEERING

EVERGREEN
FORD RD.-W.EIGHT MILE RD.
LIMITS: FORD ROAD- 380' N/O WHITLOCK

SHEET 21 OF 37 SHEETS
SCALE 1" = 40'
DRWG No. CL-52
DATE 10/5/89

SEE SHT. 1
MATCH LINE C-C

EVERGREEN

1245' DYCL

NOTE: FROM THIS POINT ON, ALL DYCL LINES WILL BE NOTED AS TO LENGTH.
LANE WIDTH ON EACH SIDE WILL BE 19.5' UNLESS OTHERWISE NOTED.

WARREN

25'

MATCH LINE D-D



MATCH LINE D-D

1269' DYCL

SAWYER

20'

MATCH LINE E-E

MATCH LINE E-E

EVERGREEN

1236' DYCL

TIREMAN

30'

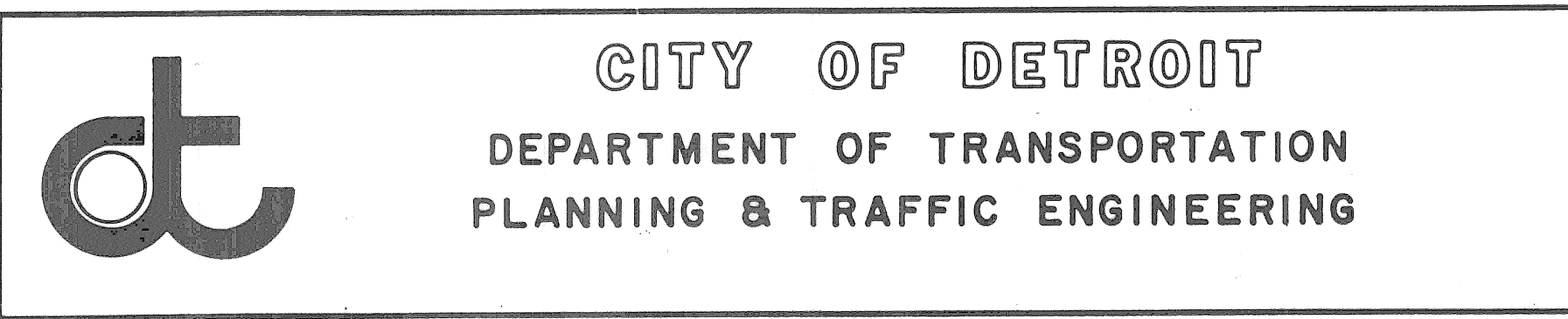
MATCH LINE F-F
SEE SHT. 3

37 OF 58
SHEET 22 OF 37

NO.	DESCRIPTION	DATE

DESIGNED BY	E.L.
DRAWN BY	EL
TRACED BY	
CHECKED BY	

APPROVED:	
-----------	--



EVERGREEN
FORD RD. - W. EIGHT MILE RD.
LIMITS: 950' S/O WARREN - 350' N/O TIREMAN

SHEET 2 OF 11 SHEETS
SCALE 1" = 40'
DRWG No. CL-52
DATE 10/6/89

SEE SHT 2
MATCH LINE F-F

MATCH LINE G-G

MATCH LINE H-H

NO.	DESCRIPTION	DATE

NOTE: FROM THIS POINT ON, ALL DYCL LINES WILL BE NOTED AS TO LENGTH.
LANE WIDTH ON EACH SIDE WILL BE 19.5' UNLESS OTHERWISE NOTED.

BELTON

VAN BUREN

DOVER

EVERGREEN

EVERGREEN

CONSTANCE

JOY RD.

CATHEDRAL



600' DYCL

620' DYCL

610' DYCL

590' DYCL

560' DYCL

610' DYCL

15'

14'

12'

10'

22'

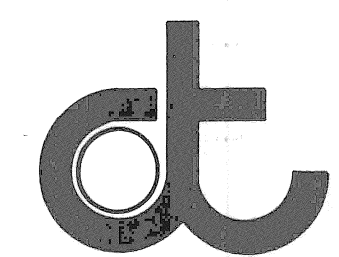
19'

MATCH LINE G-G

MATCH LINE H-H

MATCH LINE I-I
SEE SHT. 4

38 OF 58
SHEET 23 OF 37

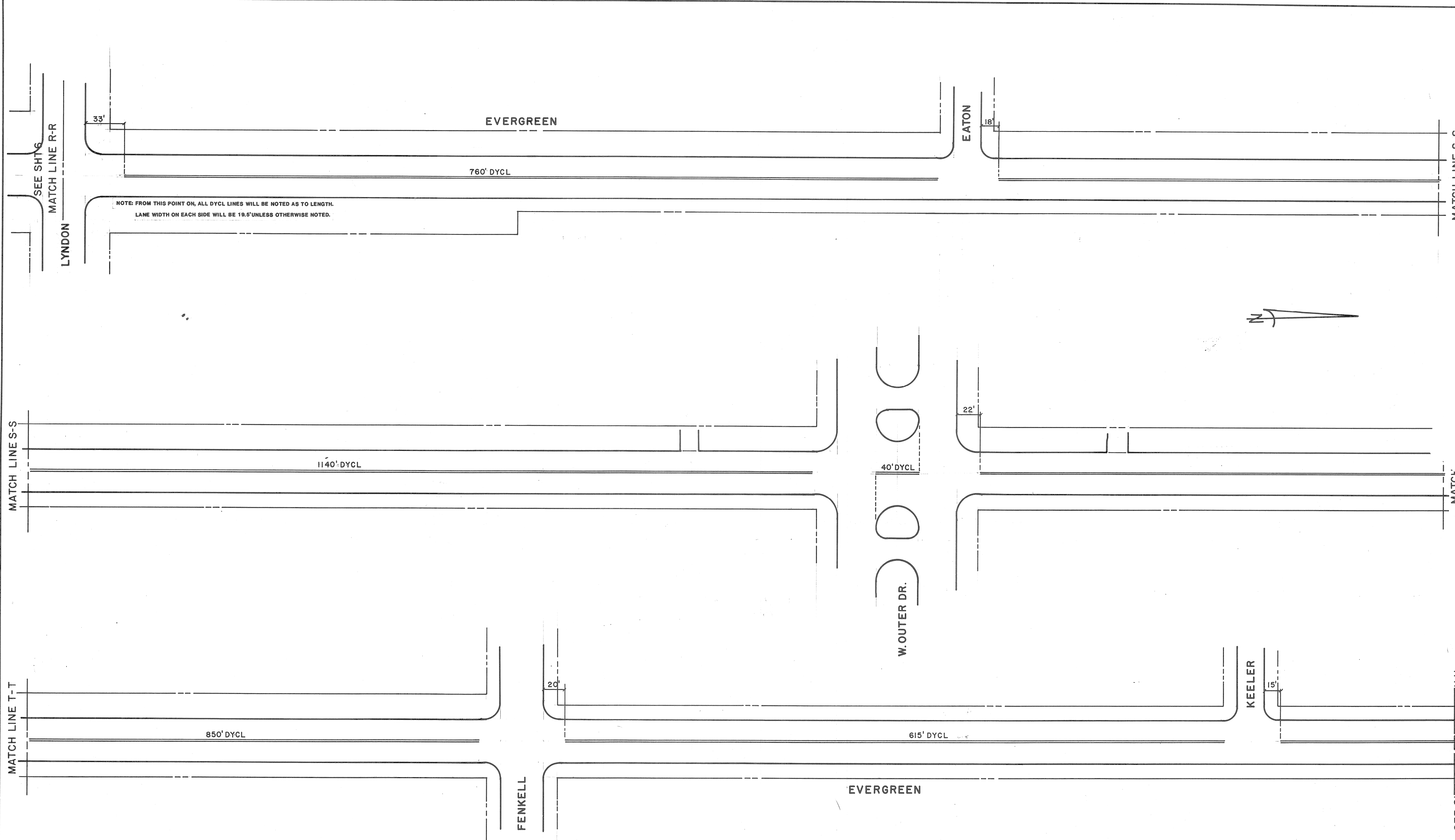


CITY OF DETROIT
DEPARTMENT OF TRANSPORTATION
PLANNING & TRAFFIC ENGINEERING

EVERGREEN
FORD RD. - W. EIGHT MILE RD.

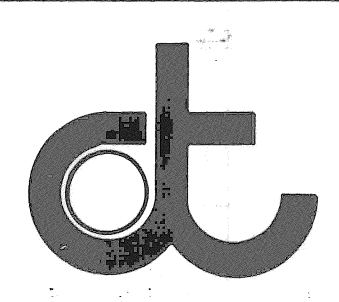
LIMITS: 320' S/O BELTON - 340' N/O CATHEDRAL

SHEET 3 OF 11 SHEETS
SCALE 1" = 40'
DRWG No. CL-52
DATE 10/6/89



42 OF 58
SHEET 27 OF 37

DESIGNED BY	E.L.	APPROVED:	
DRAWN BY	ER		
TRACED BY			
CHECKED BY	JK		
REFERENCE DRAWINGS			
COORDS			
DESCRIPTION			
DRW	CKD	APVD	DATE
REVISIONS LOCATED BY COORDINATES ON SHEET			



CITY OF DETROIT
DEPARTMENT OF TRANSPORTATION
PLANNING & TRAFFIC ENGINEERING

EVERGREEN
FORD RD. - W. EIGHT MILE RD.
LIMITS: LYNDON - 150' N/O KEELER

SHEET 7 OF 11 SHEETS
SCALE 1" = 40'
DRWG No. CL-52
DATE 10/24/89

SEE SHT 7
MATCH LINE U-U

MATCH LINE V-V

MATCH LINE W-W

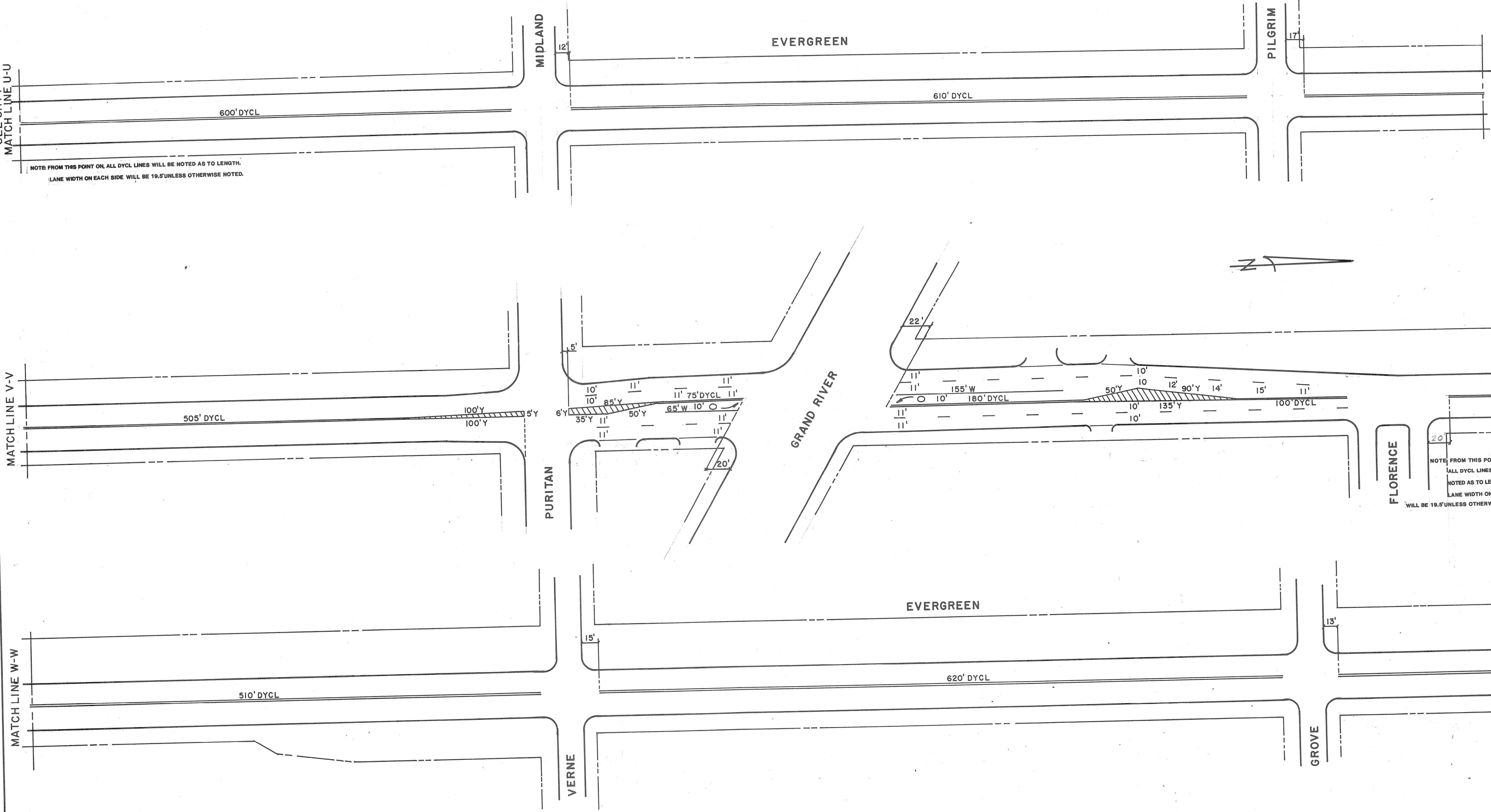
MATCH LINE V-V

MATCH LINE W-W

SEE SHT 9
MATCH LINE X-X

NOTE FROM THIS POINT ON, ALL DYCL LINES WILL BE NOTED AS TO LENGTH.
LANE WIDTH ON EACH SIDE WILL BE 19.5' UNLESS OTHERWISE NOTED.

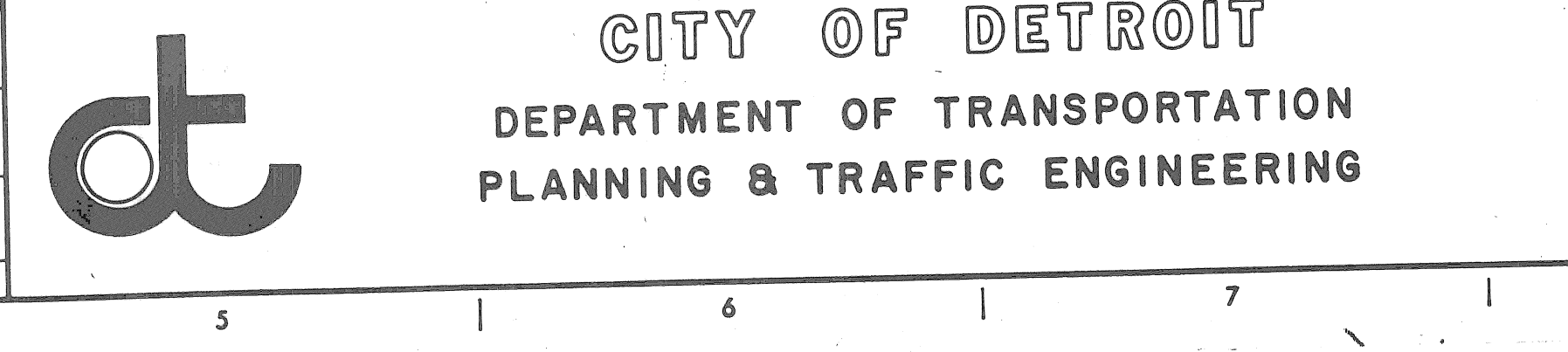
NOTE FROM THIS POINT ON, ALL DYCL LINES WILL BE NOTED AS TO LENGTH.
LANE WIDTH ON EACH SIDE WILL BE 19.5' UNLESS OTHERWISE NOTED.



NO.	DATE	DESCRIPTION
1		
2		
3		

DESIGNED BY	E.L.
DRAWN BY	ER
TRACED BY	
CHECKED BY	RA

APPROVED:	



EVERGREEN
FORD RD. - W. EIGHT MILE RD.
LIMITS: 470' S/O MIDLAND - 175' N/O GROVE

SHEET 8 OF 11 SHEETS
SCALE 1" = 40'
DRWG No. CL-52
DATE 10/24/89

43 OF 58
SHEET 28 OF 37

SEE SHT 8
MATCH LINE X-X

580' DYCL

NOTE: FROM THIS POINT ON, ALL DYCL LINES WILL BE NOTED AS TO LENGTH.
LANE WIDTH ON EACH SIDE WILL BE 19.5' UNLESS OTHERWISE NOTED.

24' DYCL

W. McNICHOLS

22'

EVERGREEN

735' DYCL

MATCH LINE Y-Y



MATCH LINE Y-Y

18'

600' DYCL

12'

SANTA MARIA

SANTA CLARA

MATCH LINE Z-Z

MATCH LINE Z-Z

855' DYCL

GLENCO

20'

155' DYCL

EVERGREEN

700' DYCL

14'

MATCH LINE AA-AA

CURTIS

25'

PICKFORD

SEE SHT 10 MATCH LINE AA-AA

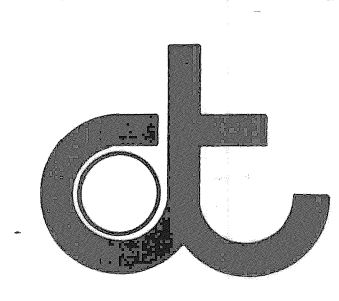
44 OF 58
SHEET 29 OF 31

NO.	DESCRIPTION	DRN	CHK'D	AP'D	DATE

REVISIONS LOCATED BY COORDINATES ON SHEET

DESIGNED BY	E.L.
DRAWN BY	ML
TRACED BY	
CHECKED BY	

APPROVED:	

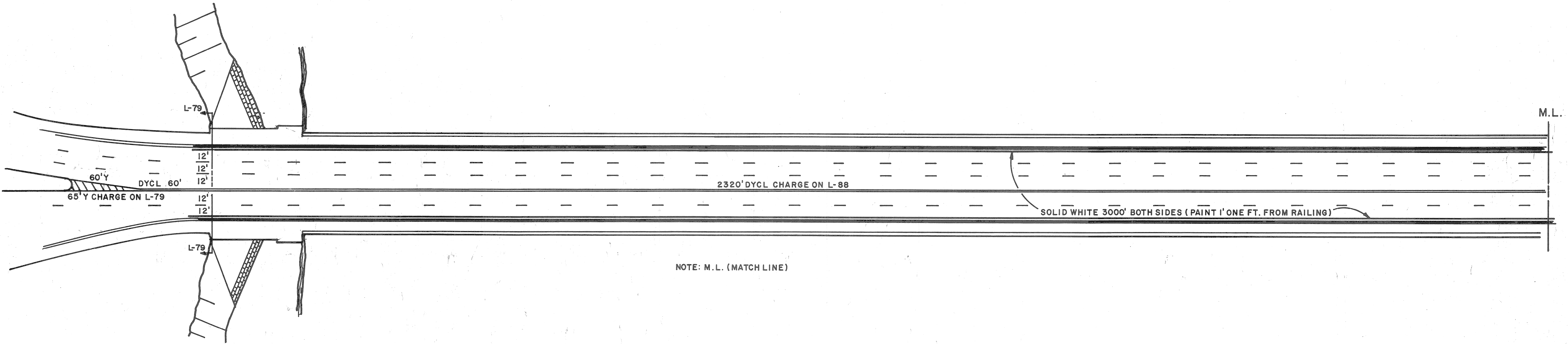
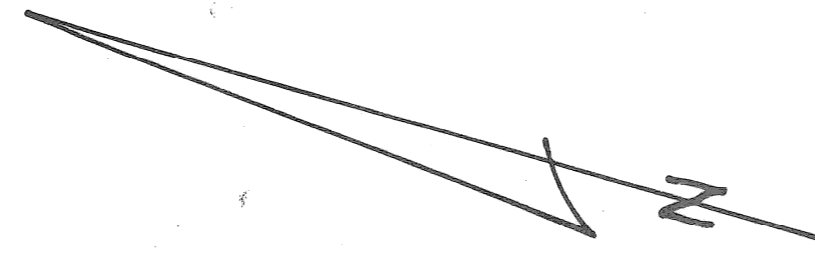


CITY OF DETROIT
DEPARTMENT OF TRANSPORTATION
PLANNING & TRAFFIC ENGINEERING

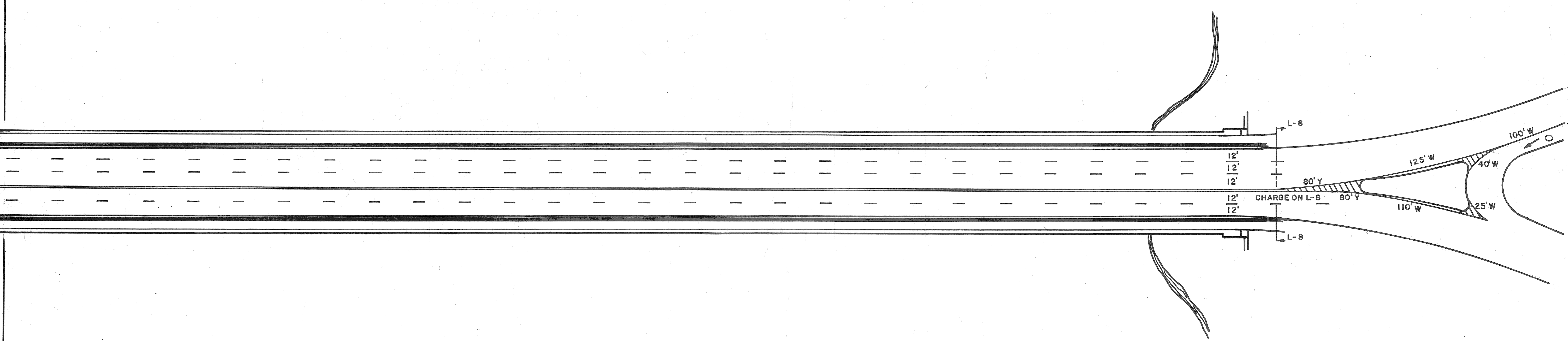
EVERGREEN
FORD RD. - W. EIGHT MILE RD.

LIMITS: 495' S/O W. McNICHOLS- 75' N/O PICKFORD

SHEET 9 OF 11 SHEETS
SCALE 1" = 40'
DRWG No. CL-52
DATE 10/25/89



NOTE: M.L. (MATCH LINE)



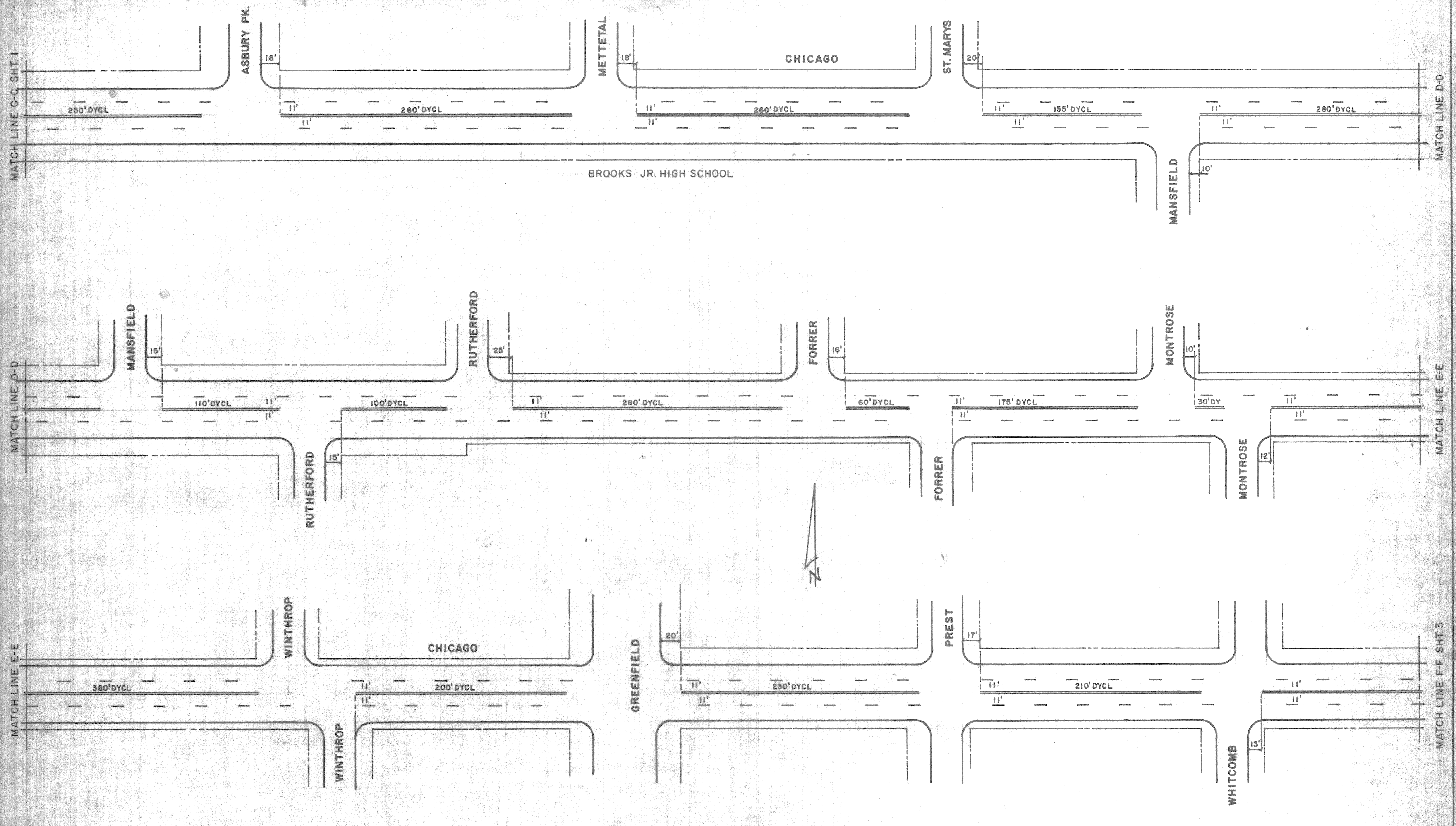
47 OF 58
SHEET 32 OF 37

DESIGNED BY	E. R.	APPROVED:	<i>PCA</i>
DRAWN BY			
TRACED BY			
CHECKED BY			
REVISIONS LOCATED BY COORDINATES ON SHEET		HIGHWAY & EXPRESSWAY ENGINEER	

CITY OF DETROIT
DEPARTMENT OF TRANSPORTATION
PLANNING AND TRAFFIC ENGINEERING

BELLE ISLE BRIDGE

SHEET 1 OF 1 SHEETS
SCALE 1" = 40'
DRWG No. L-88
DATE 11/17/89

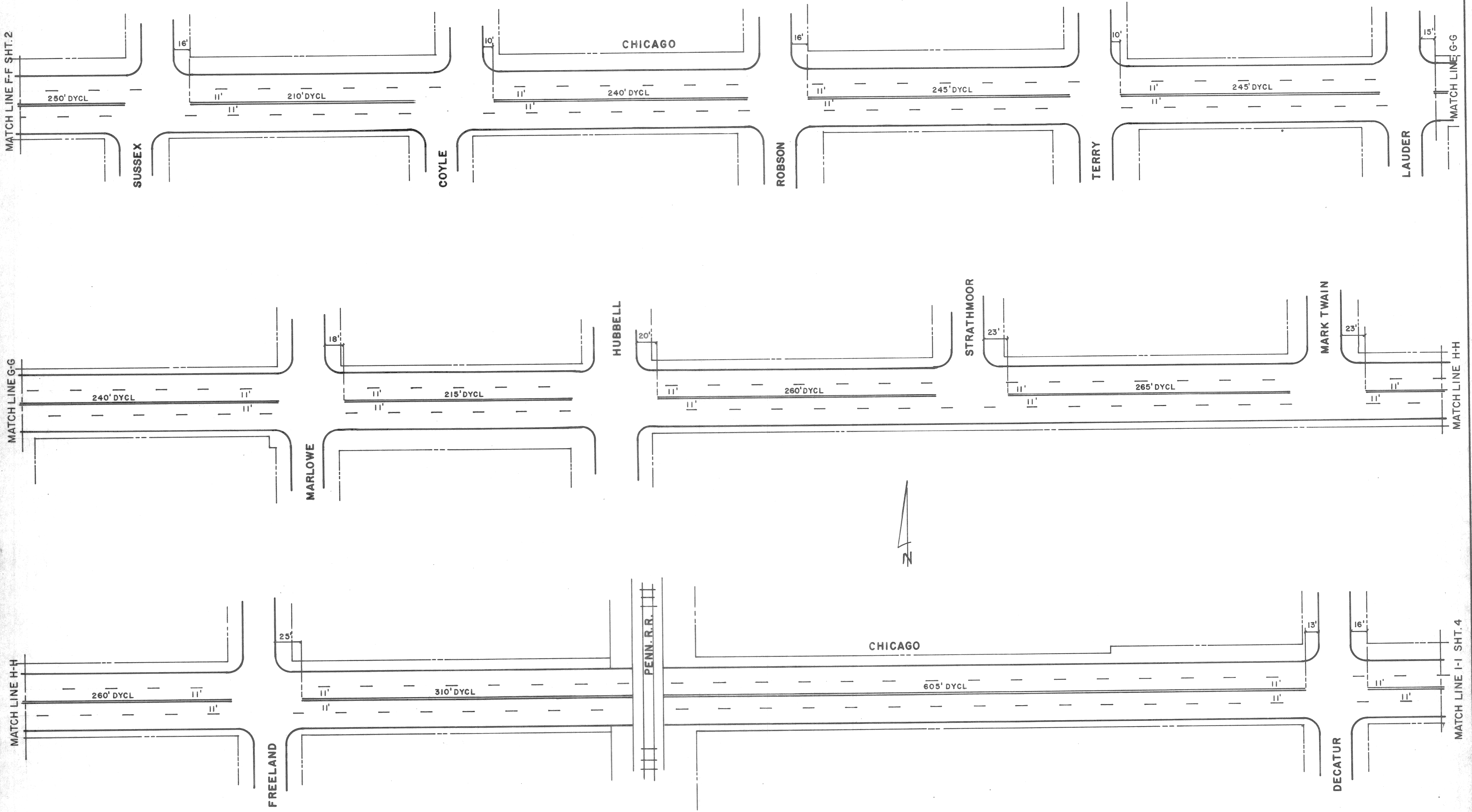


DESIGNED BY	S. J.	APPROVED	<i>RA</i>
DRAWN BY	<i>SL</i>		
TRACED BY			
CHECKED BY			
DESCRIPTION	REV	DATE	
REVISIONS LOCATED BY COORDINATES ON SHEET			
HIGHWAY & EXPRESSWAY ENGINEER			

CITY OF DETROIT
DEPARTMENT OF TRANSPORTATION
PLANNING AND TRAFFIC ENGINEERING

CHICAGO
SOUTHFIELD - JEFFRIES F'WY.
210' W/O ASBURY PARK - 160' E/O WHITCOMB

SHEET 2 OF 6 SHEETS
SCALE 1" = 40'
DRWG No. CL-490
DATE 11/14/89



54 OF 58
SHEET 4 OF 37

NO.	DESCRIPTION	REV.	CHKD.	APPROV.	DATE

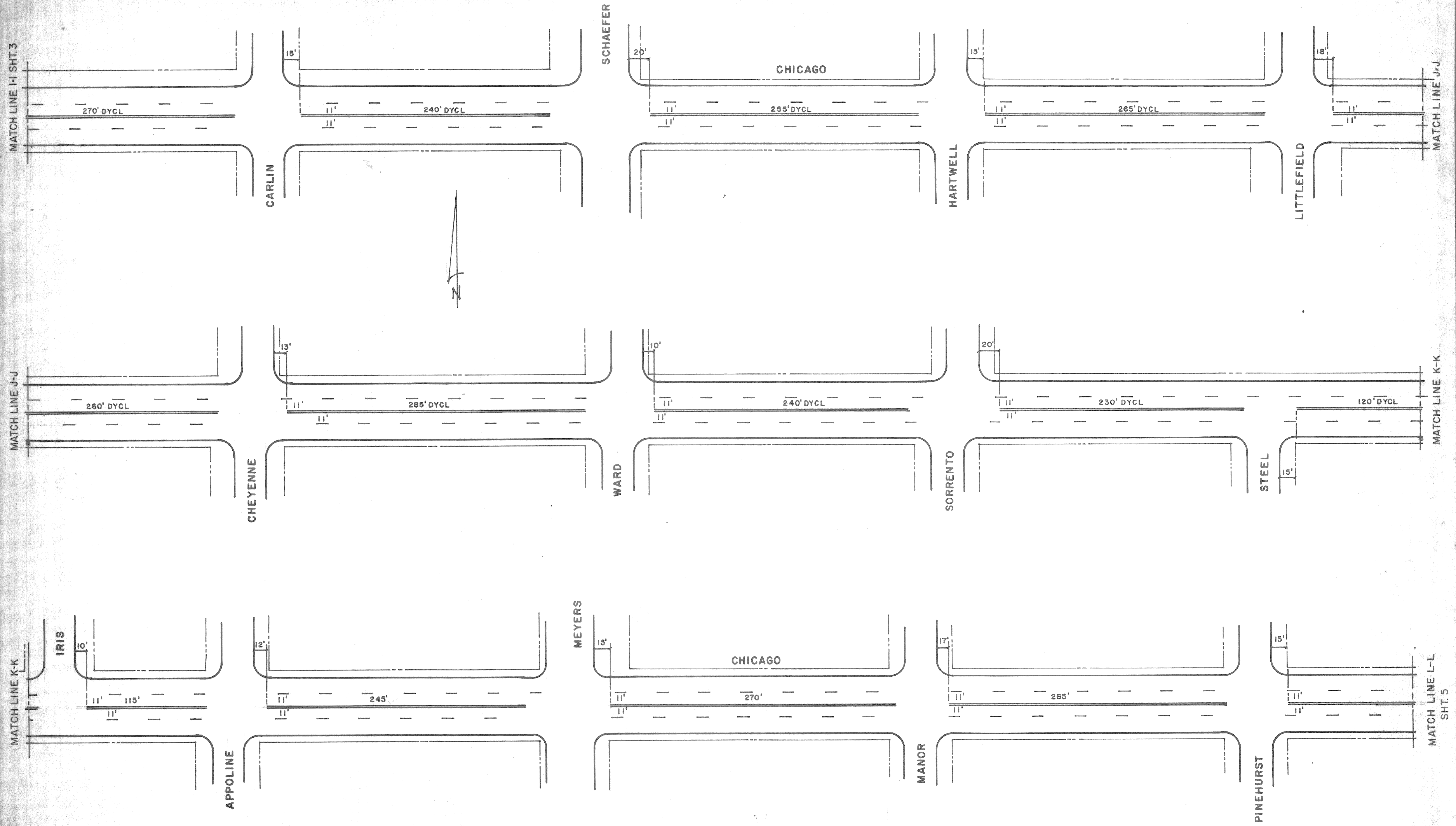
DESIGNED BY: S.J.
 DRAWN BY: *sz*
 TRACED BY:
 CHECKED BY:

APPROVED: *[Signature]*
 HIGHWAY & EXPRESSWAY ENGINEER

CITY OF DETROIT
 DEPARTMENT OF TRANSPORTATION
 PLANNING AND TRAFFIC ENGINEERING

CHICAGO
 SOUTHFIELD-JEFFRIES F'WY.
 LIMITS 110' W/O SUSSEX-100' E/O DECATUR

SHEET 3 OF 6 SHEETS
 SCALE 1" = 40'
 DRWG No. CL-490
 DATE 11/15/89

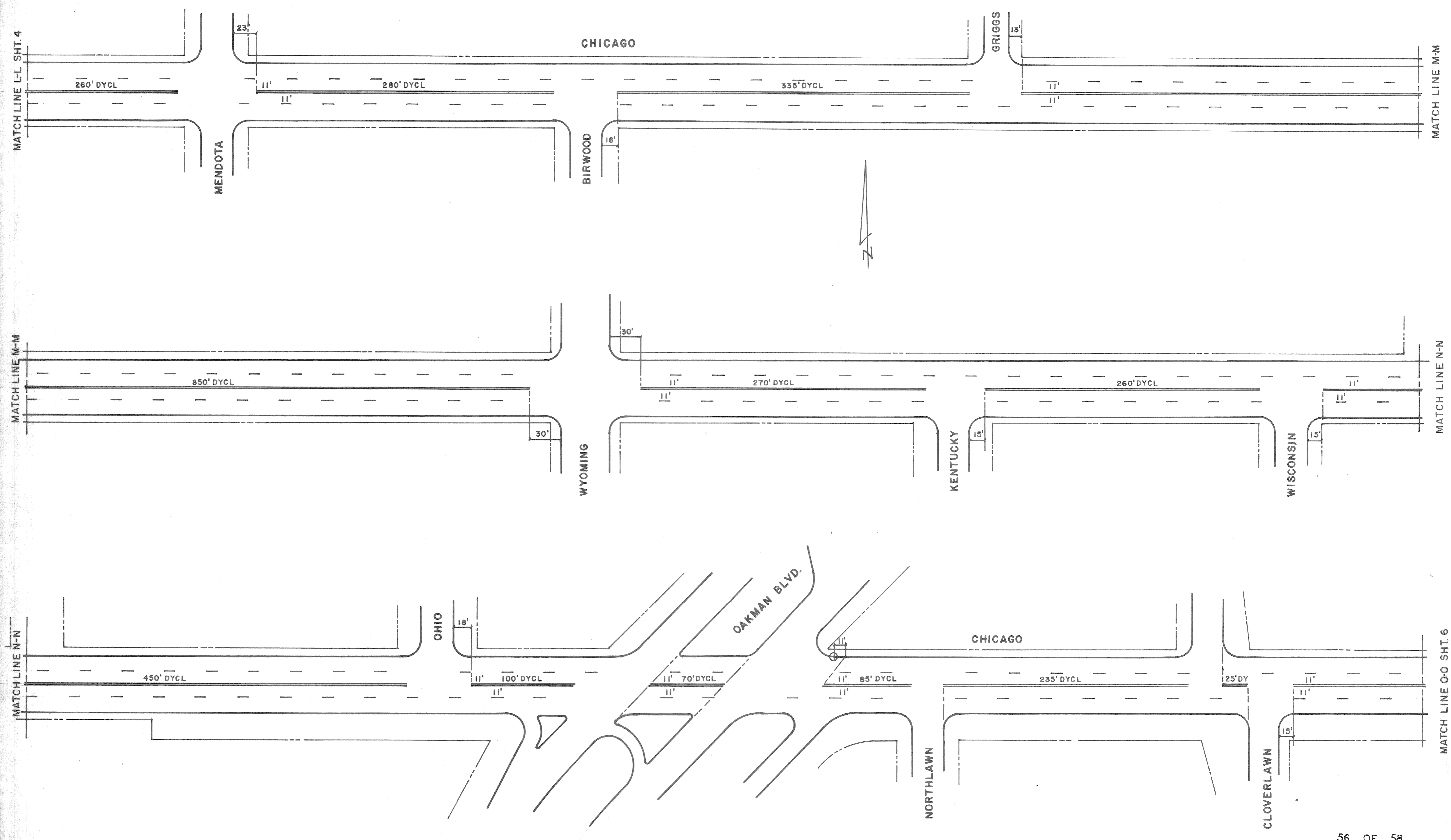


DESIGNED BY	S. J.	APPROVED:	<i>CA</i>
DRAWN BY	<i>sp</i>		
TRACED BY			
CHECKED BY			
			HIGHWAY & EXPRESSWAY ENGINEER

CITY OF DETROIT
DEPARTMENT OF TRANSPORTATION
PLANNING AND TRAFFIC ENGINEERING

CHICAGO
SOUTHFIELD - JEFFRIES F'WY.
LIMITS 230' W/O CARLIN - 150' E/O PINEHURST

SHEET 4 OF 6 SHEETS
SCALE 1" = 40'
DRWG No. CL-49a
DATE 11/16/89



56 OF 58
SHEET 8 OF 37

DESIGNED BY	S. J.	APPROVED:	<i>RA</i>
DRAWN BY	<i>SP</i>		
TRACED BY			
CHECKED BY			
REFERENCE DRAWINGS			
COOR	DESCRIPTION	DRW	CHKD
REVISIONS LOCATED BY COORDINATES ON SHEET			

CITY OF DETROIT
DEPARTMENT OF TRANSPORTATION
PLANNING AND TRAFFIC ENGINEERING

CHICAGO
SOUTHFIELD - JEFFRIES F'WY.
LIMITS 180' W/O MENDOTA - 150' E/O CLOVERLAWN

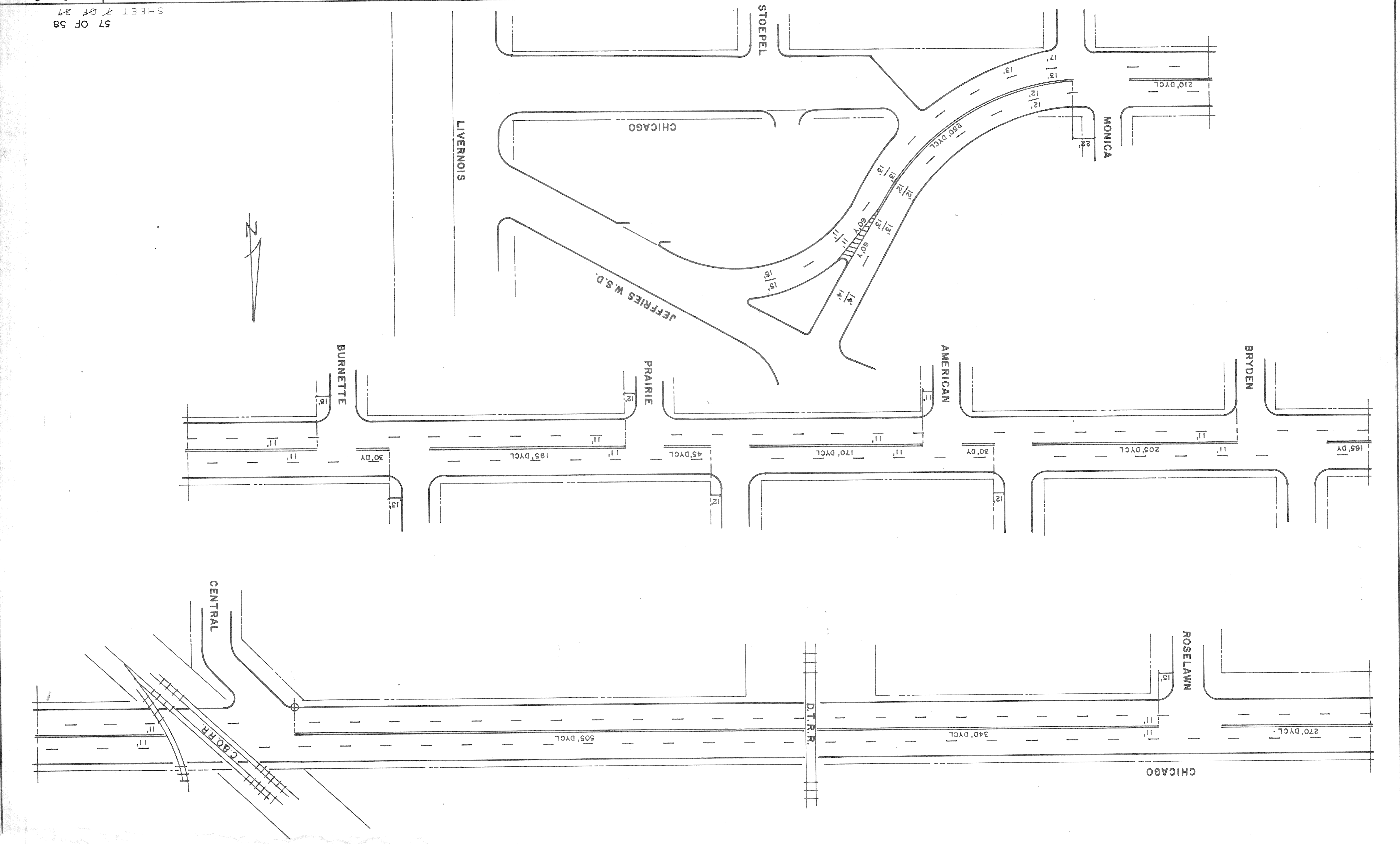
SHEET 5 OF 6 SHEETS
SCALE 1" = 40'
DRWG No. CL-496
DATE 11/16/89

NO.	DESCRIPTION	DATE	BY

DESIGNED BY	S.J.
DRAWN BY	SM
TRACED BY	
CHECKED BY	
APPROVED:	
HIGHWAY & EXPRESSWAY ENGINEER	

CITY OF DETROIT
 DEPARTMENT OF TRANSPORTATION
 PLANNING AND TRAFFIC ENGINEERING

CHICAGO
 SOUTHFIELD - JEFFRIES F.W.Y.
 LIMITS 180' W/O ROSELAWN - JEFFRIES F.W.Y. W.S.D.
 DATE 11/16/89
 DRWG No. CL-490
 SCALE 1" = 40'
 SHEET 6 OF 9 SHEETS



57 OF 58
 SHEET 7 OF 9

BENCH MARKS ELEV

QUANTITIES.

NO.	ITEMS OF WORK	UNITS	LOCATIONS																				TOTAL QUANTITIES.	
			WARREN : CENTRAL TO CONNER & OUTER DRIVE TO MACK.	FORT : CLARK TO MILLER.	7 MILE : WOODWARD TO GRATIOT.	MACK : CONNER TO ALTER RD.	ROSA PARKS : BAGLEY TO FENKELL.	LIVEROIS : VERNOR TO 8 MILE.	FOREST : FOURTEENTH TO CADILLAC BLVD.	LINWOOD : MCNICHOLS TO GRAND BLVD.	E. VERNOR : GRATIOT TO VANDYKE & ST. JEAN TO ALTER RD.	TRUMBULL : FORT TO GRAND BLVD.	JOHN R : 8 MILE TO MCNICHOLS & HIGHLAND PARK CITY LIMITS TO WOODWARD.	SECOND : CONGRESS TO HIGHLAND PARK CITY LIMITS.	WYOMING : 8 MILE TO TIREMAN.	SCHAEFER : 8 MILE TO 7 MILE & SCHOOLCRAFT TO JOY RD.	JOY RD. : GREENFIELD TO SCHAEFER & WYOMING TO LINWOOD.	DAVISON : LIVEROIS TO ROSA PARKS	MCNICHOLS : WYOMING TO LINWOOD.	KERCHEVAL : MT. ELLIOTT TO ALTER RD.	EVERGREEN : FORD RD. TO EIGHT MILE.	BELLE ISLE : 120 FT. S/O NOSE ISLAND TO CLOCK HILL BELLE ISLE - RING ROAD.		W. CHICAGO : MEYERS TO JEFFRIES.
1.	FAST - CURE POLYESTER PAVEMENT MARKING , 4" , WHITE .	LFT.	46,300	14,960	3,000	2,460	16,600	48,930	17,340	5,250	9,300	7,400	10,200	14,700	470	1,450	5,300	8,300	-	7,600	7,300	31,900	3,880	262,640
2.	FAST - CURE POLYESTER PAVEMENT MARKING , 4" , YELLOW .	LFT.	56,940	27,750	42,570	10,130	1,300	98,240	870	30,600	12,100	27,400	18,700	2,350	59,900	32,000	29,350	17,350	16,700	30,500	69,600	4,950	15,880	605,180
3.	FAST - CURE POLYESTER PAVEMENT MARKING , 6" , WHITE .	LFT.	-	-	-	-	-	-	-	-	-	-	-	300	-	-	-	-	-	-	-	100	-	400
4.	FAST - CURE POLYESTER PAVEMENT MARKING , 6" , YELLOW .	LFT.	-	-	-	-	-	-	-	-	-	-	-	-	330	-	300	1,000	-	-	8,800	400	-	10,830
5.	REMOVING PAVEMENT MARKING , LONGITUDINAL .	LFT.	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25,000
6.	MOBILIZATION .	LSUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
7.	MINOR TRAFFIC DEVICES .	LSUM	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1

	BY	CHECKED BY	APPROVED:	CITY OF DETROIT CITY ENGINEERING DEPARTMENT BUREAUS OF STREETS AND HIGHWAYS FOR	QUANTITIES	SHEET <u>1</u> OF <u>1</u> SHEETS CONTRACT NO. ASSIGNMENT NO. DATE <u>9/20/93</u>
PLAN			ENGINEER OF STREETS			
GRADE						
ESTIMATE	J. J.					
DESCRIPTION	OR N	CK'D	AP'VD	DATE	FINAL	CHECK
REVISIONS						