











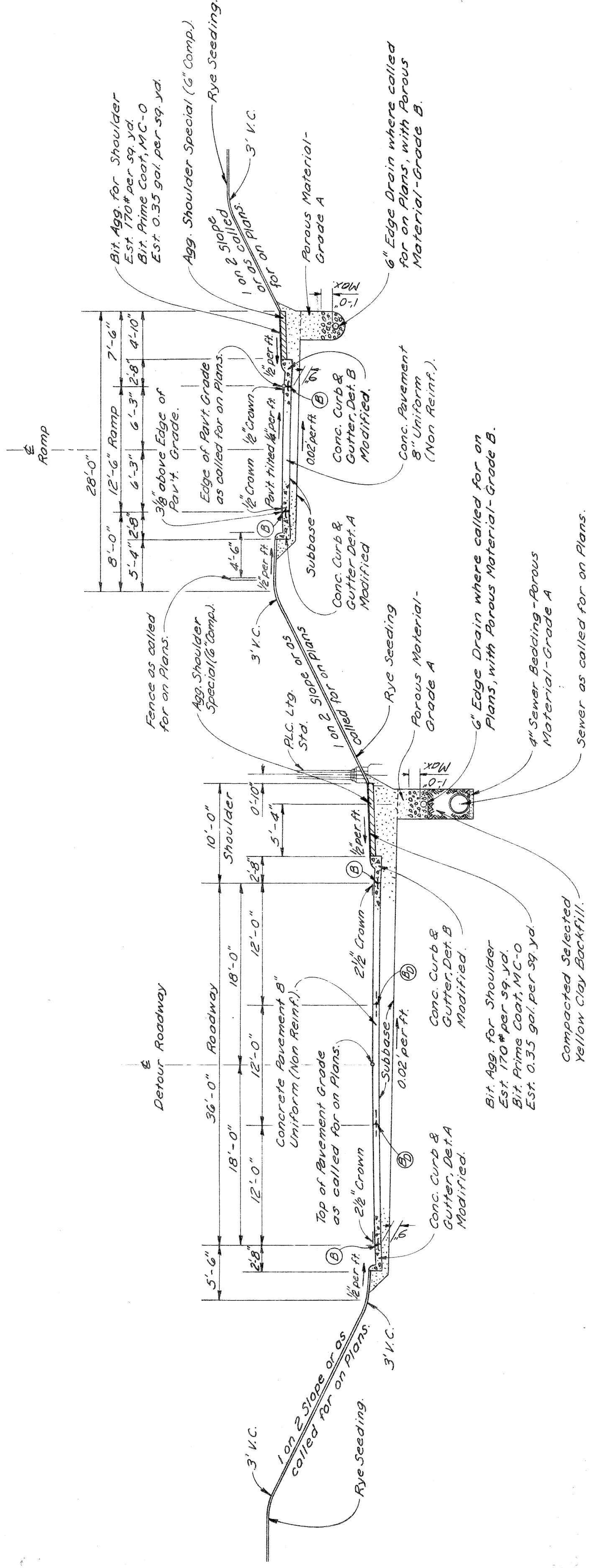


# TYPICAL CROSS-SECTIONS

STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
MICH.	12-1(212)	3	3
COUNTY	Wayne	22257	

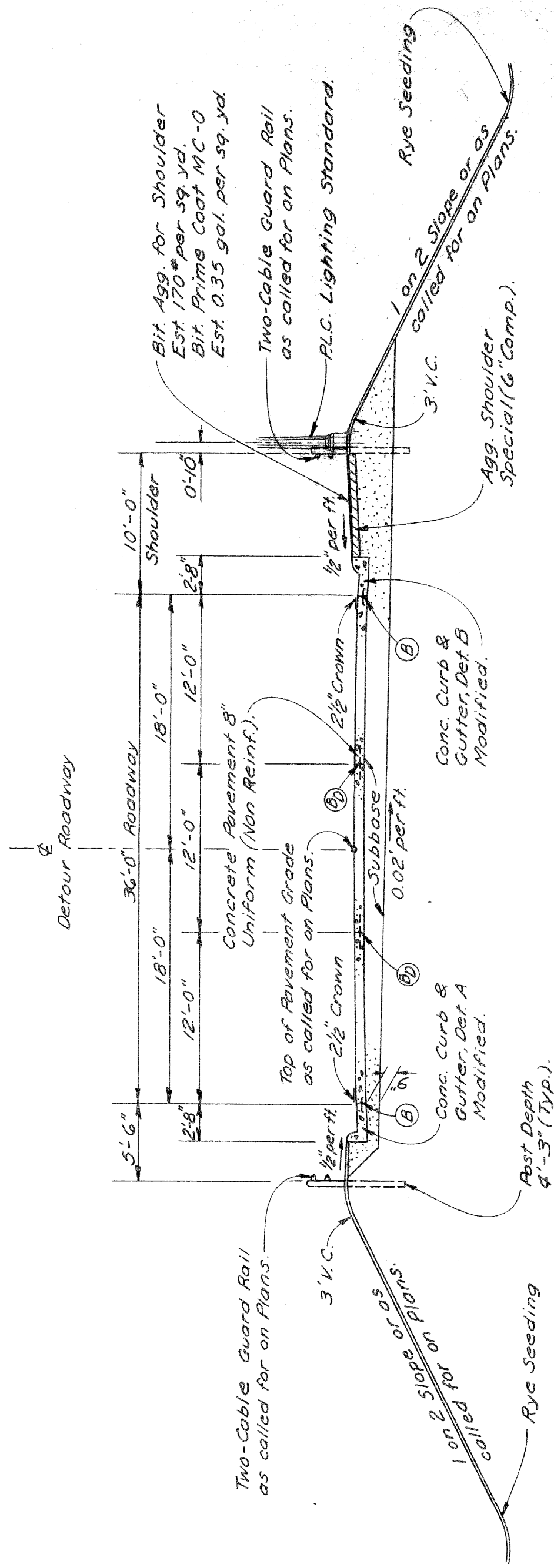
  

STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
MICH.	12-1(212)	3	3
COUNTY	Wayne	22257	



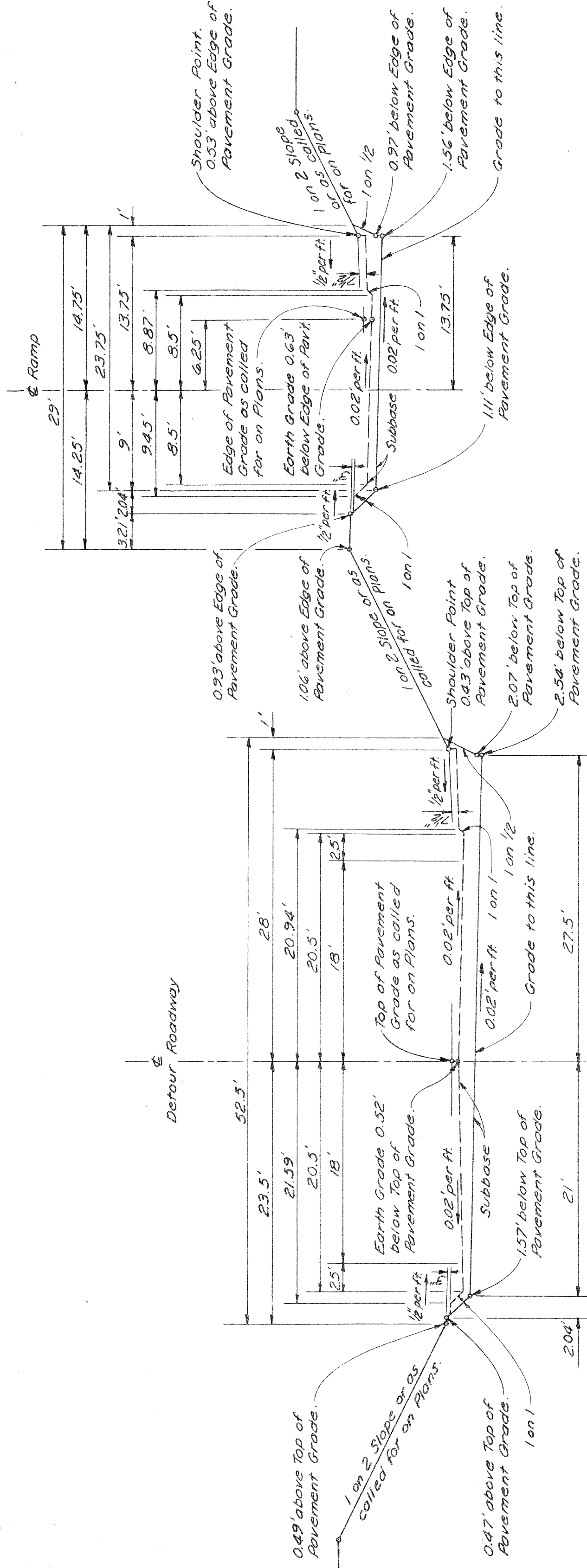
TYPICAL CROSS SECTION SHOWING  
FINISHED DEPRESSED EXPRESS ROADWAY DETOUR WITH RAMP

SCALE: 1" = 8'



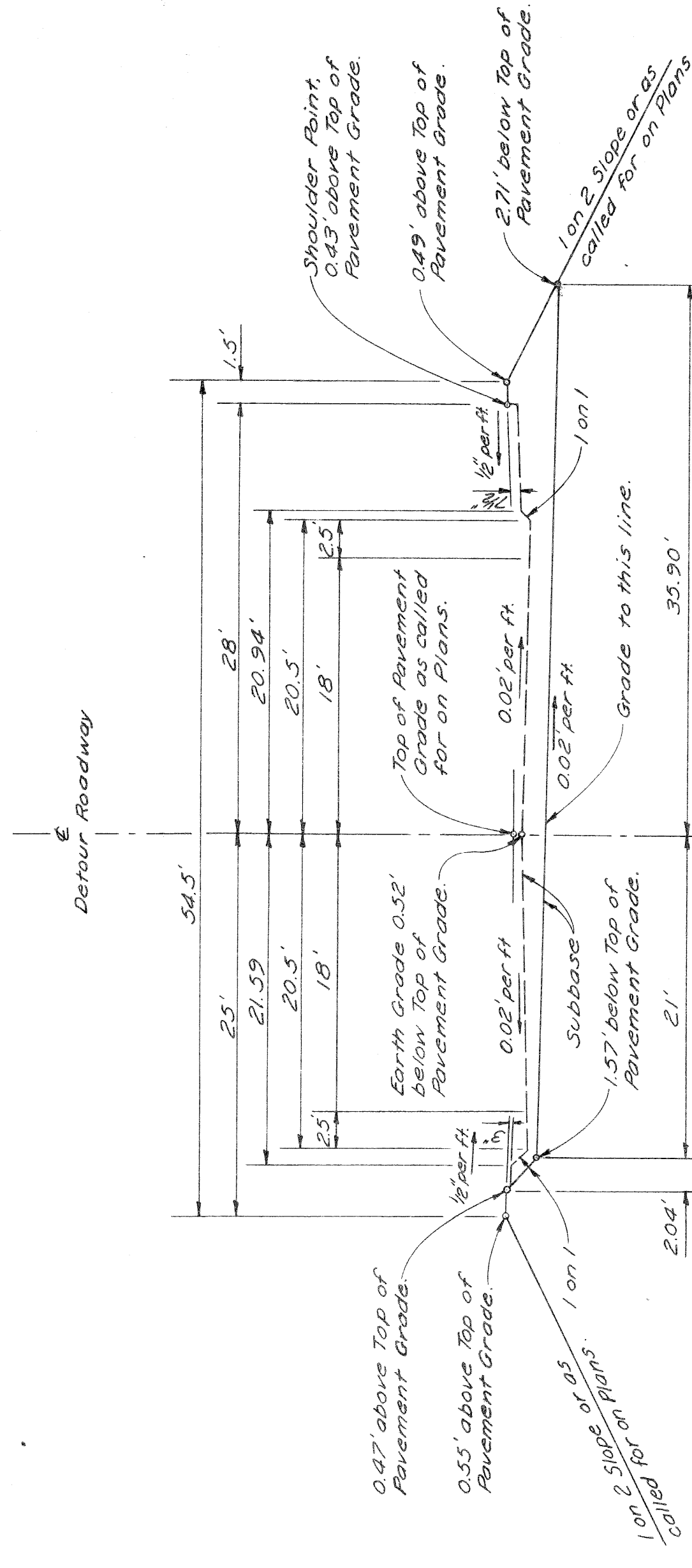
TYPICAL CROSS SECTION SHOWING  
FINISHED EXPRESS ROADWAY DETOUR ON EMBANKMENT

SCALE: 1" = 8'



TYPICAL CROSS SECTION FOR GRADING  
DEPRESSED EXPRESS ROADWAY DETOUR WITH RAMP

SCALE: 1" = 8'



TYPICAL CROSS SECTION FOR GRADING  
EXPRESS ROADWAY DETOUR ON EMBANKMENT

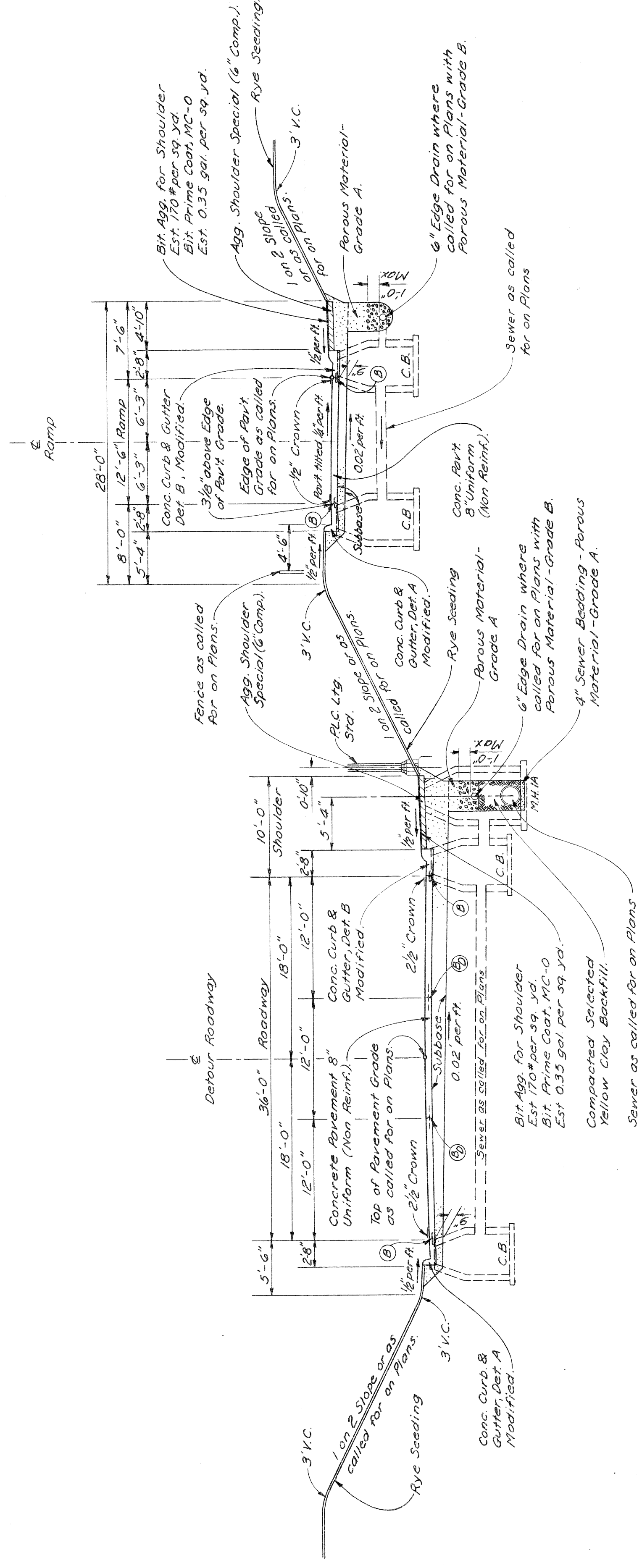
SCALE: 1" = 8'

36' TEMPORARY ROADWAY



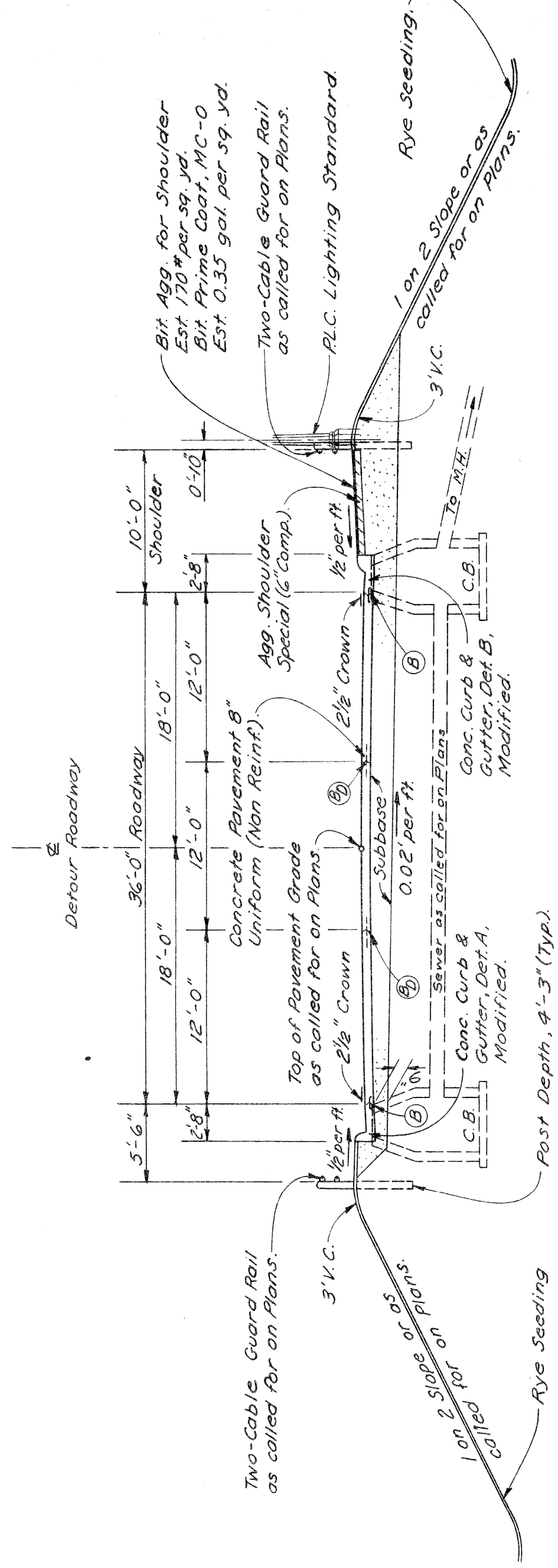
# TYPICAL CROSS-SECTIONS

S.P. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	MICH.	757/5253	1	1
ROUTE	COUNTY	CITY	SHEET NO.	TOTAL SHEETS
82251	Wayne	Detroit	1	1
S.P. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	MICH.	757/5253	1	1
ROUTE	COUNTY	CITY	SHEET NO.	TOTAL SHEETS
82251	Wayne	Detroit	1	1



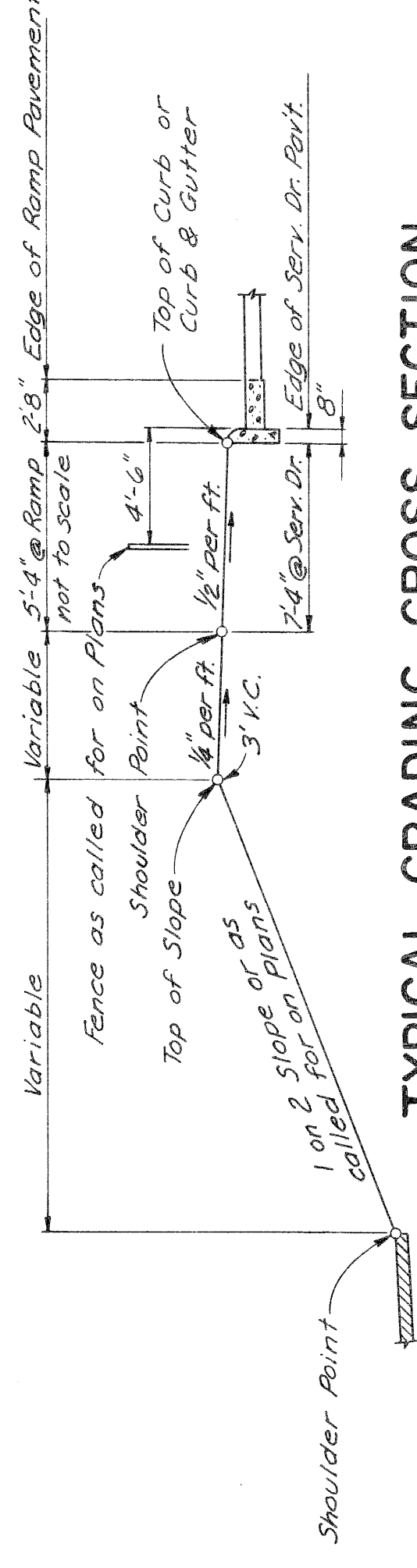
TYPICAL CROSS SECTION OF DEPRESSED EXPRESS ROADWAY DETOUR WITH RAMP SHOWING PAVEMENT, SUBBASE AND UNDERDRAINAGE

SCALE: 1" = 8'



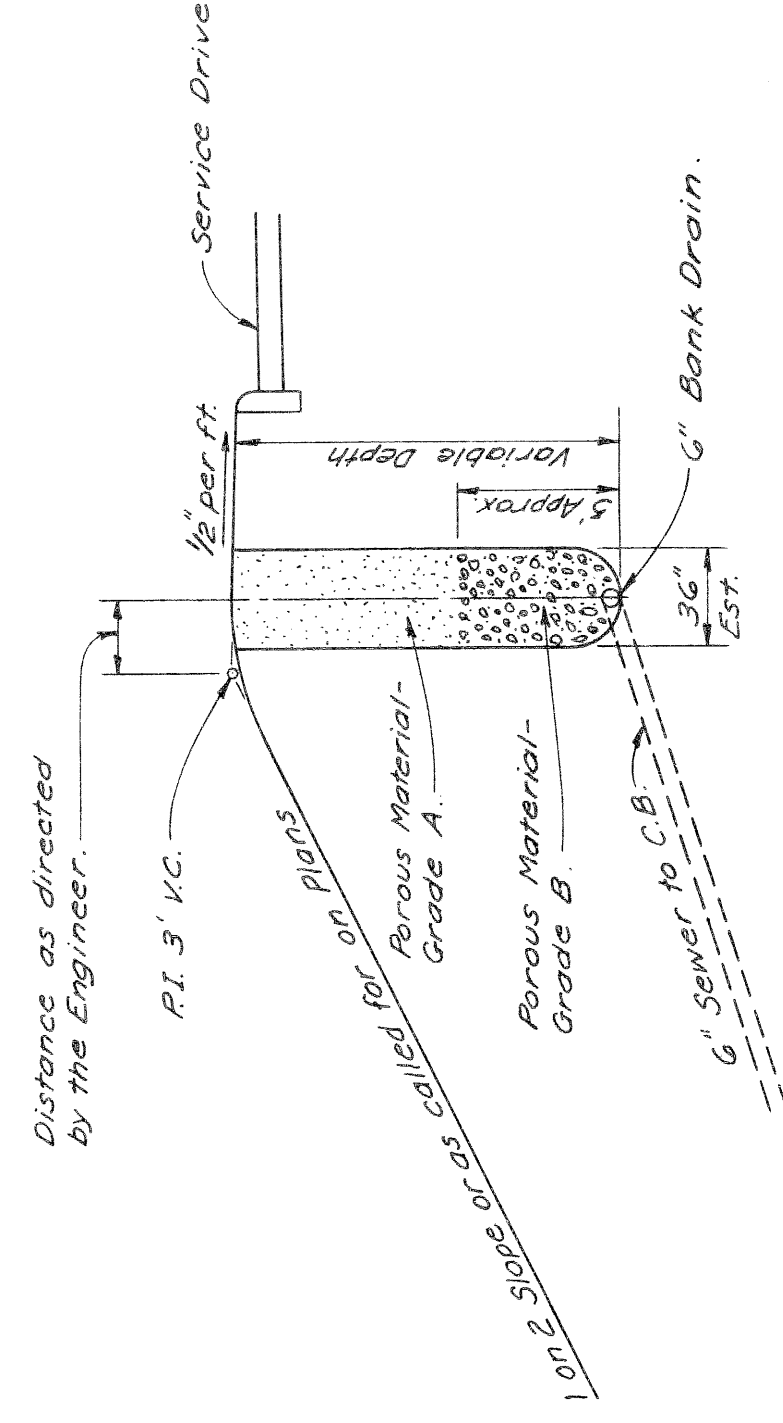
TYPICAL CROSS SECTION OF EXPRESS ROADWAY DETOUR ON EMBANKMENT SHOWING PAVEMENT, SUBBASE AND UNDERDRAINAGE

SCALE: 1" = 8'



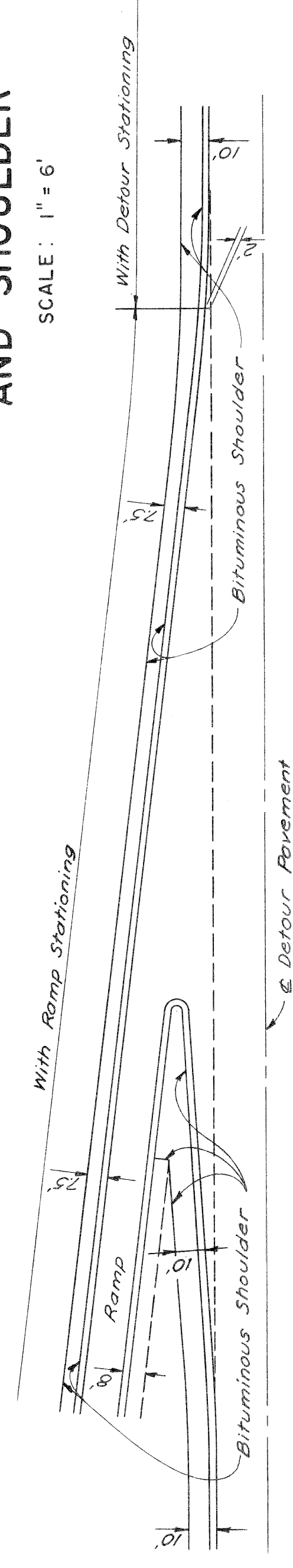
TYPICAL GRADING CROSS SECTION BETWEEN TOP OF CURB AND SHOULDER

SCALE: 1" = 6'



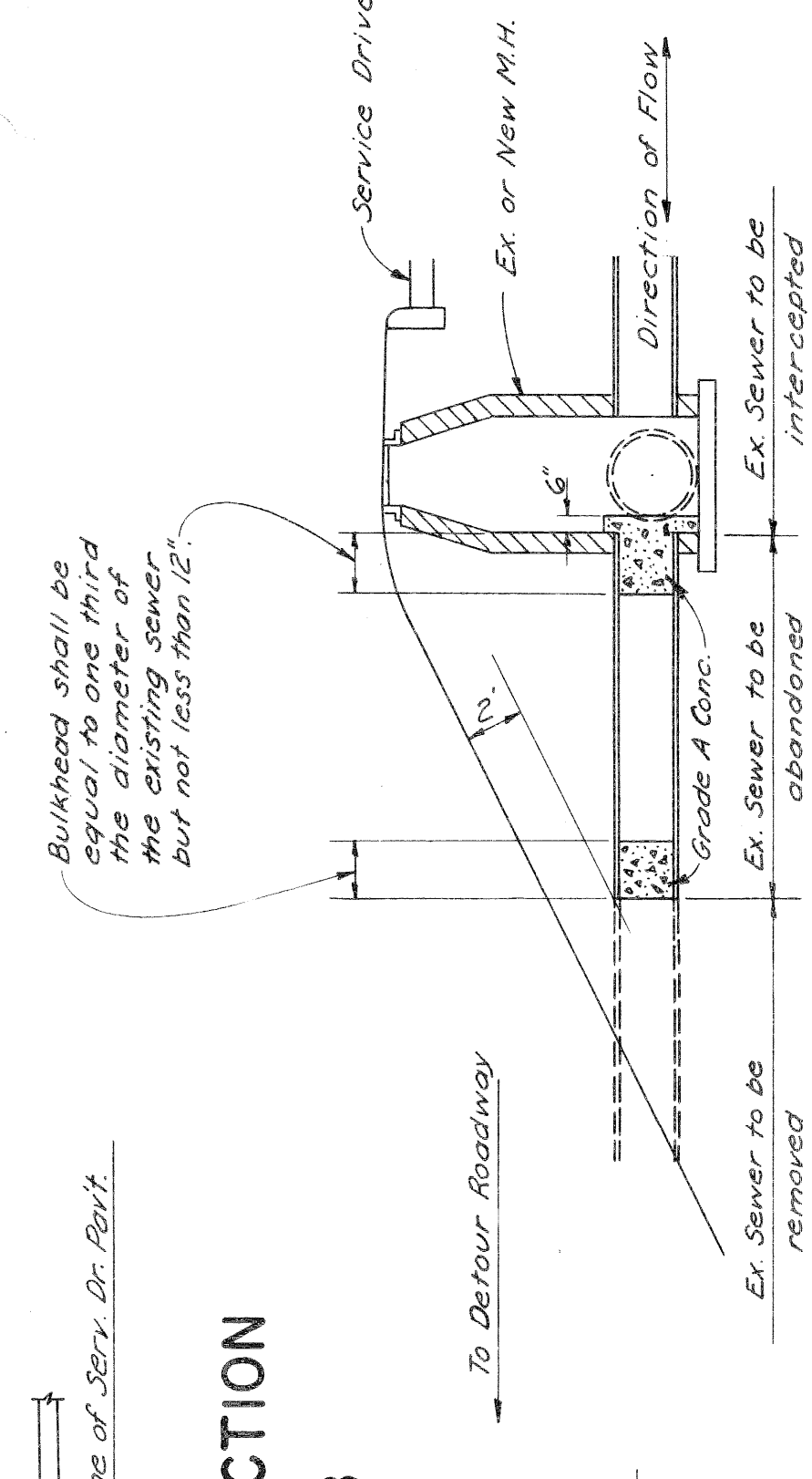
SKETCH SHOWING BANK DRAIN USED WHERE DIRECTED BY THE ENGINEER

SCALE: 1" = 6'



SKETCH SHOWING THE PLACEMENT OF BITUMINOUS AGGREGATE SURFACE COURSE AT RAMPS

SCALE: 1" = 40'



SKETCH SHOWING METHOD FOR BULKHEADING SEVERED SEWERS

SCALE: 1" = 6'

36' TEMPORARY ROADWAY AND DETAILED SECTIONS





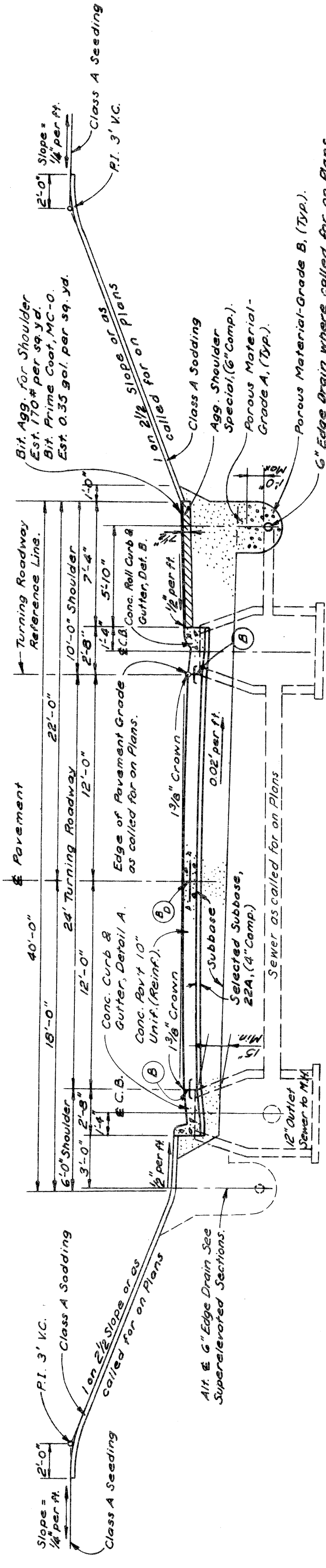




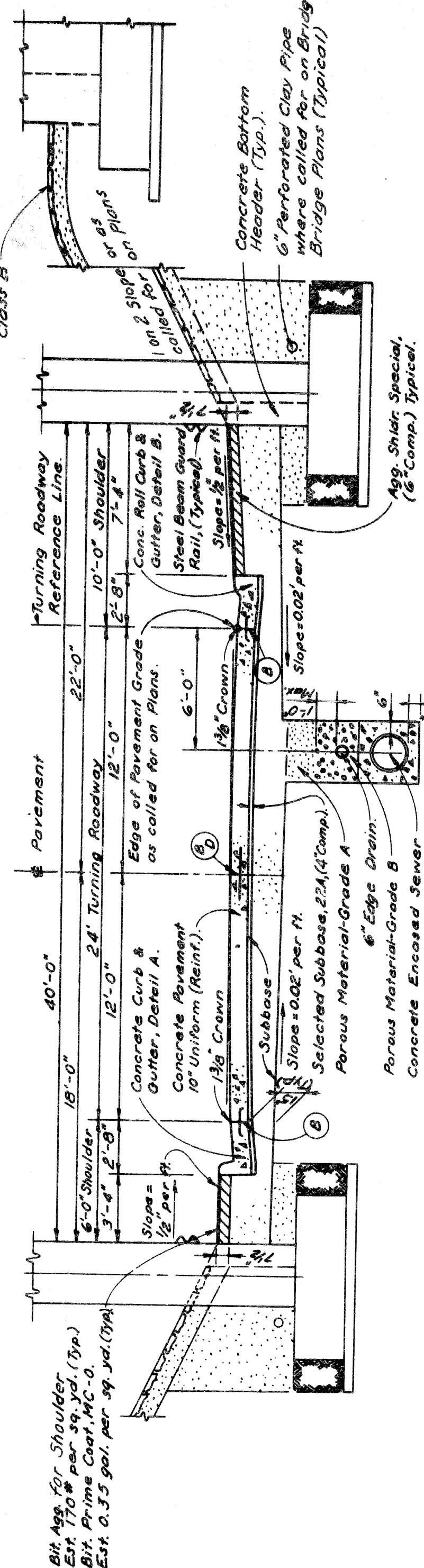


# TYPICAL CROSS-SECTIONS

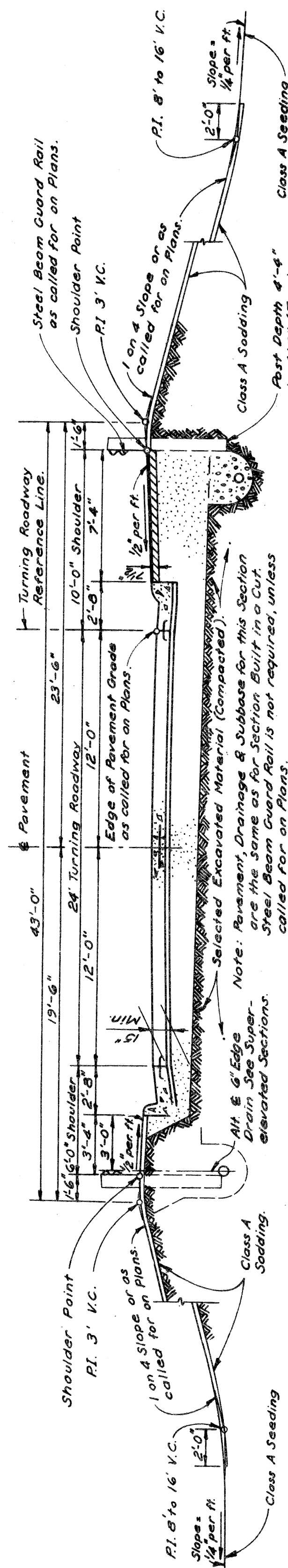
STATE	MI.	PROJECT	Wayne Detour
CITY	Wayne	ROUTE	22251
SHEET NO.	7	TOTAL SHEETS	7



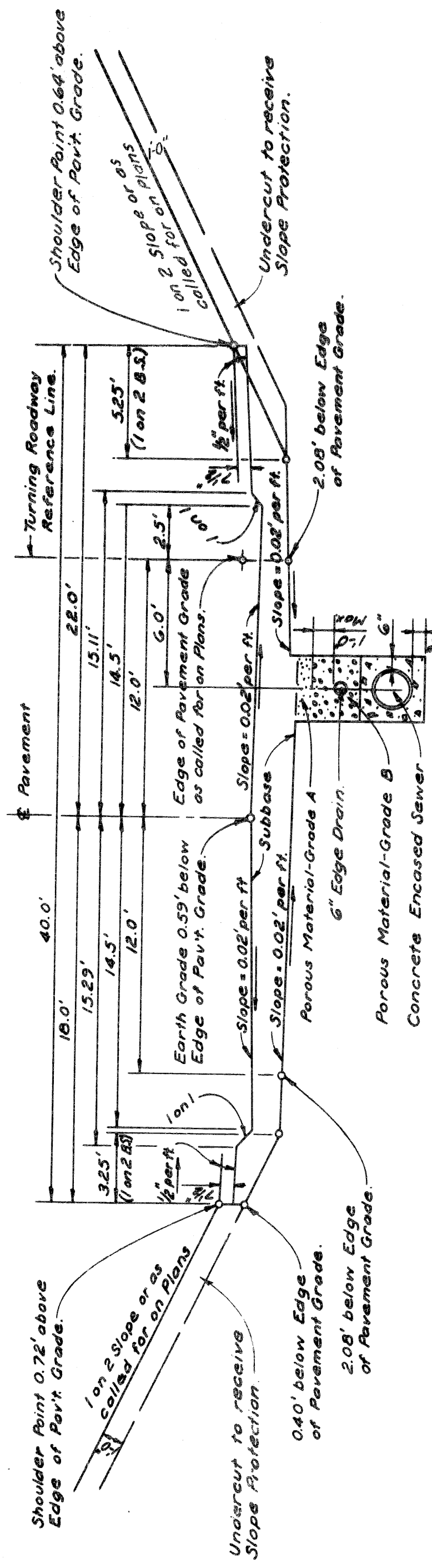
### 24' TURNING ROADWAY IN CUT



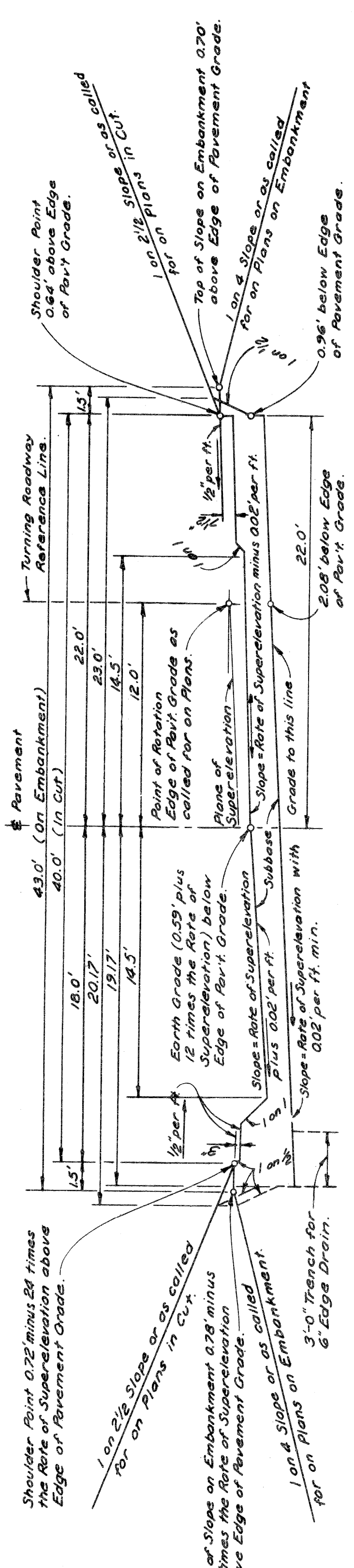
### FINISHED SECTION FOR 24' TURNING ROADWAY UNDER STRUCTURES



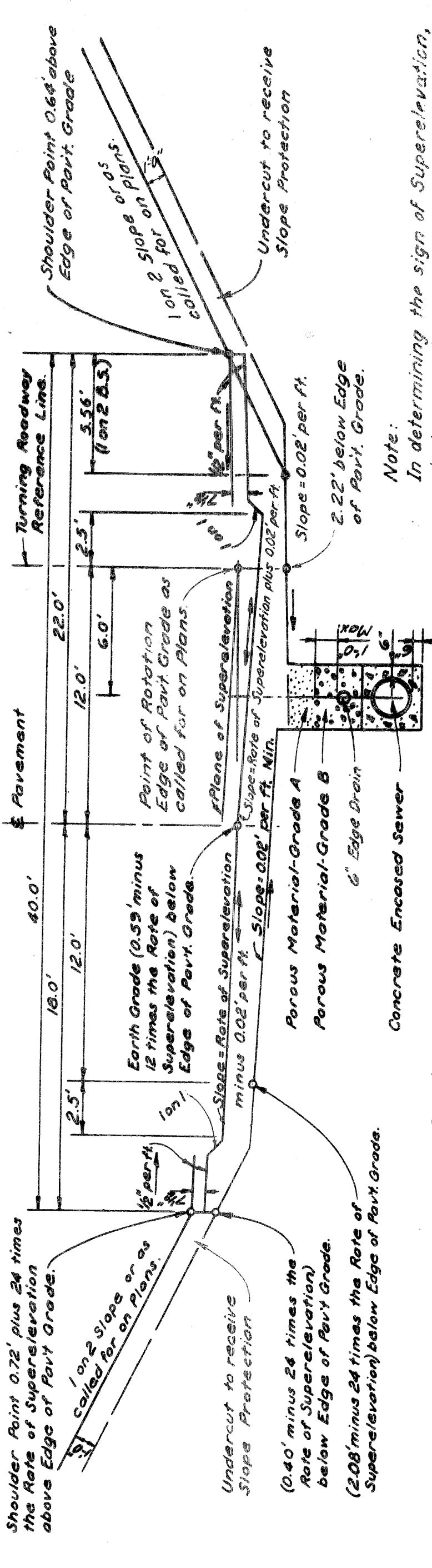
### 24' TURNING ROADWAY ON EMBANKMENT



### GRADING FOR 24' TURNING ROADWAY UNDER STRUCTURES



### GRADING FOR SUPERELEVATED 24' TURNING ROADWAY (TURNING TO LEFT)



### GRADING FOR SUPERELEVATED 24' TURNING ROADWAY (TURNING TO RIGHT)

Note: In determining the sign of Super-elevation, clockwise rotation is considered positive.

SCALE: 1" = 5'





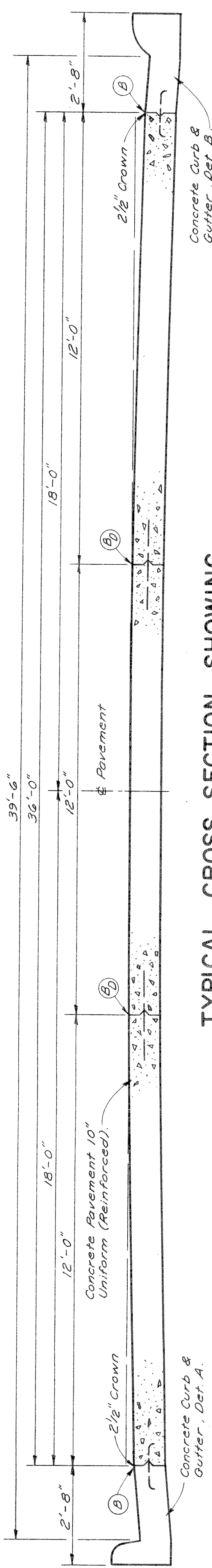


# TYPICAL CROSS-SECTIONS

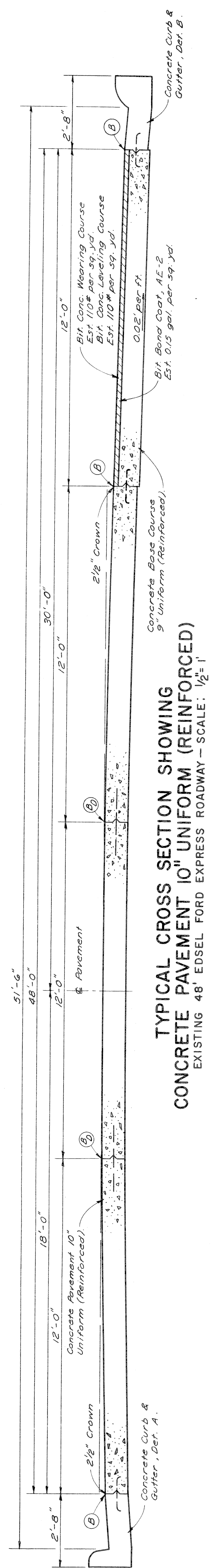
STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
MICH.	175/2023	9	9
CITY	Wayne Detroit		

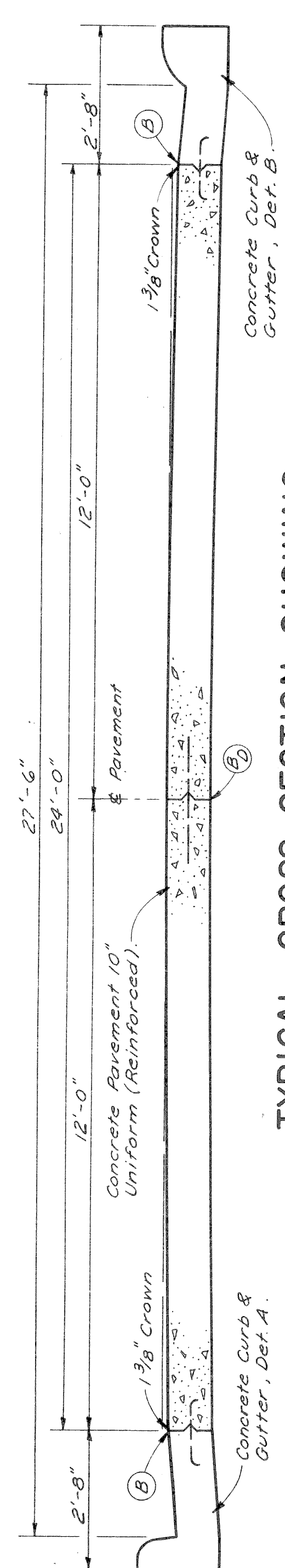
STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
MICH.	175/2023	9	9
CITY	Wayne Detroit		



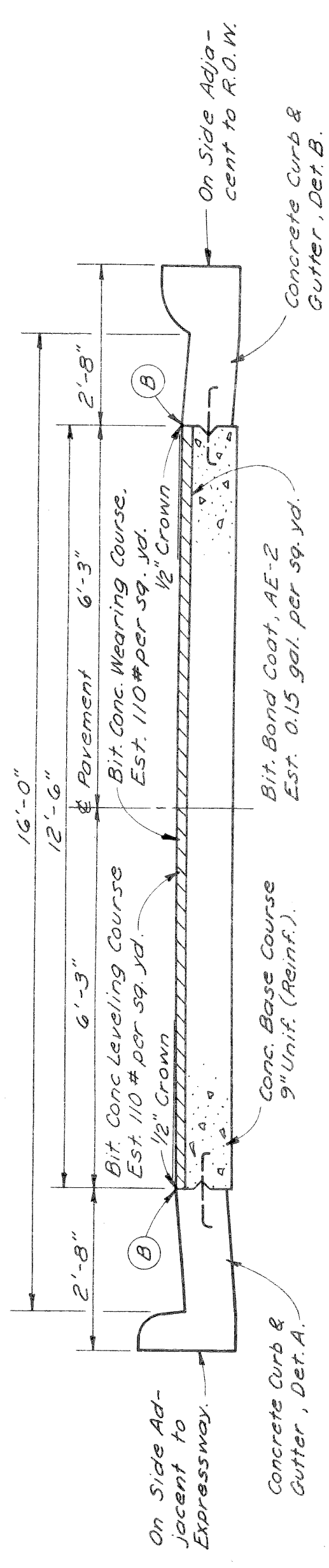
**TYPICAL CROSS SECTION SHOWING  
CONCRETE PAVEMENT 10" UNIFORM (REINFORCED)**  
EXISTING 36' EDSSEL FORD EXPRESS ROADWAY - SCALE: 1/2" = 1'



**TYPICAL CROSS SECTION SHOWING  
CONCRETE PAVEMENT 10" UNIFORM (REINFORCED)**  
EXISTING 48' EDSSEL FORD EXPRESS ROADWAY - SCALE: 1/2" = 1'



**TYPICAL CROSS SECTION SHOWING  
CONCRETE PAVEMENT 10" UNIFORM (REINFORCED)**  
TO APPLY ON 24' TURNING ROADWAY - SCALE: 1/2" = 1'

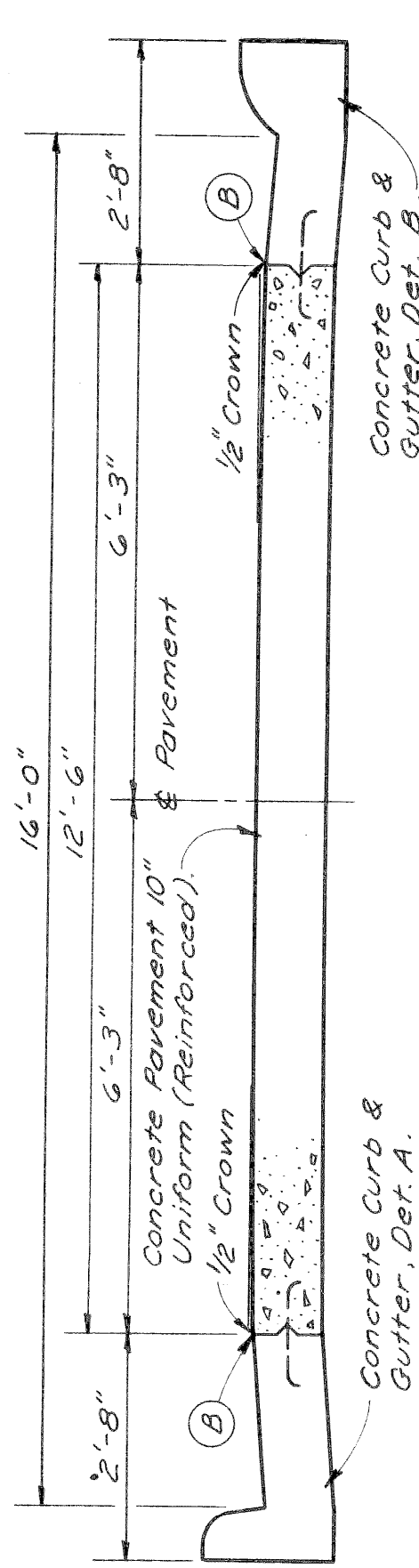


**TYPICAL CROSS SECTION SHOWING  
CONCRETE PAVEMENT 9" UNIFORM (REINFORCED)  
WITH BITUMINOUS CONCRETE PAVEMENT**  
TO APPLY ON 12.5' RAMP - SCALE: 1/2" = 1'

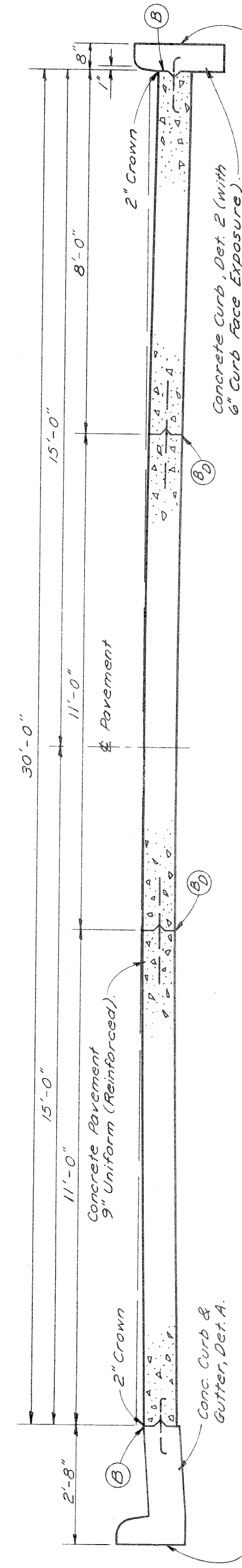
## JOINT LEGEND

- E - Longitudinal Bulkhead Construction Joint, according to M.S.H.D. Std. Plan E-4-A-33F, Detail 2.
- D - Longitudinal Lane Tie Joint with Tie Bars, according to M.S.H.D. Std. Plan E-4-A-33F, Detail 1.
- B D - Optional B or D.

NOTE: The Concrete Base Course and Concrete Pavement shall be reinforced throughout in accordance with M.S.H.D. Std. Plan E-4-A-21F.



**TYPICAL CROSS SECTION SHOWING  
CONCRETE PAVEMENT 10" UNIFORM (REINFORCED)**  
TO APPLY ON 12.5' TURNING ROADWAY - SCALE: 1/2" = 1'



**TYPICAL CROSS SECTION SHOWING  
CONCRETE PAVEMENT 9" UNIFORM (REINFORCED)**  
TO APPLY ON 30' SERVICE DRIVE - SCALE: 1/2" = 1'

PERMANENT PAVEMENT SECTIONS

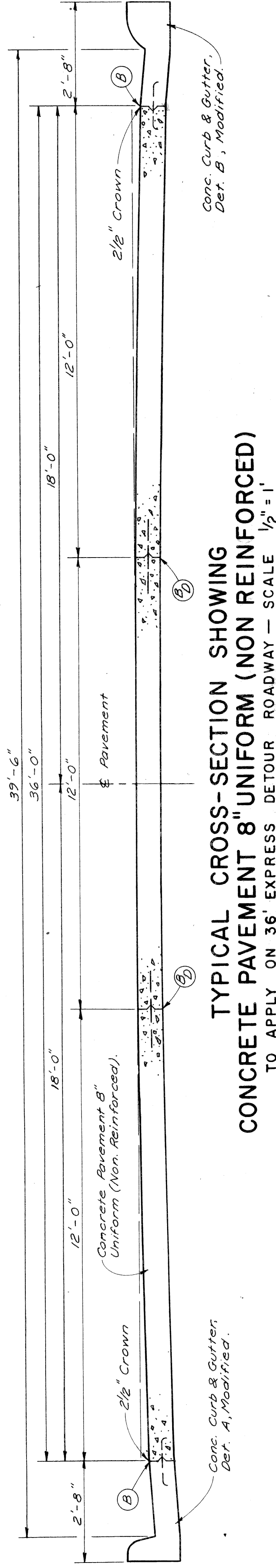


# TYPICAL CROSS-SECTIONS

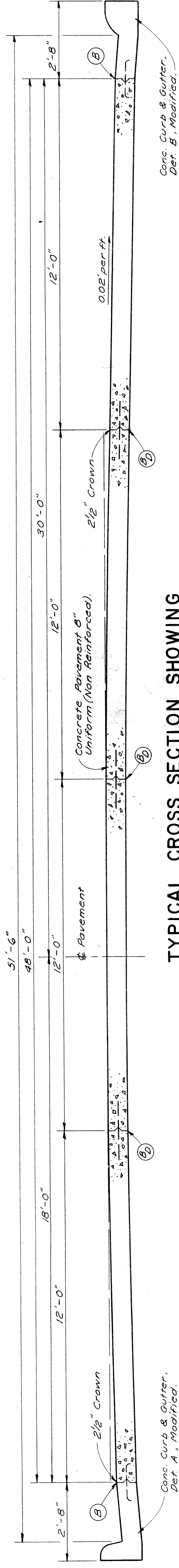
STATE	PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
MICH.	1757(34)33			
COUNTY	CITY	SHEET NO.	TOTAL SHEETS	
Wayne	Detroit	10		
ROUTE	PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
82251				
ROUTE	PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
4				

## JOINT LEGEND

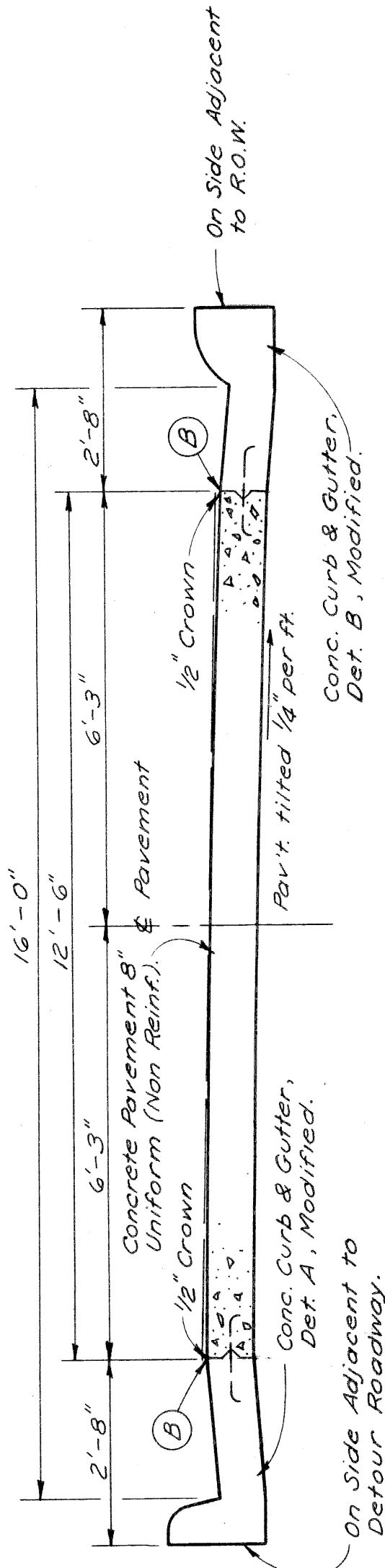
- B — Longitudinal Bulkhead Construction Joint, according to M.S.H.D. Std. Plan E-4-A-33F, Detail 2.
- D — Longitudinal Lane Tie Joint with Tie Bars, according to M.S.H.D. Std. Plan E-4-A-33F, Detail 1.
- B-D — Optional B or D.



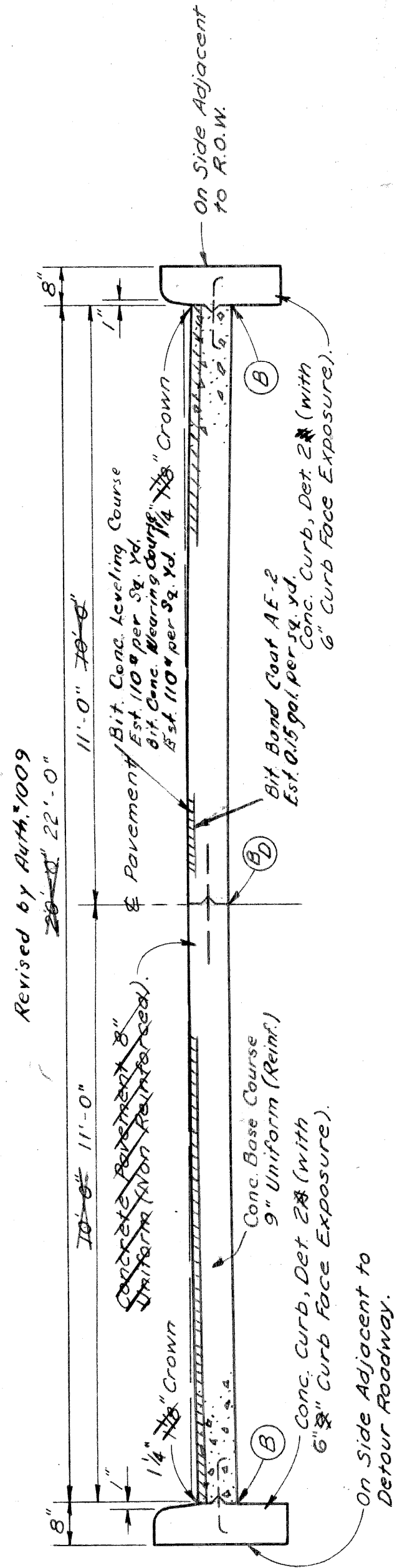
TYPICAL CROSS-SECTION SHOWING  
CONCRETE PAVEMENT 8" UNIFORM (NON REINFORCED)  
TO APPLY ON 36' EXPRESS DETOUR ROADWAY — SCALE  $\frac{1}{2}'' = 1'$



TYPICAL CROSS SECTION SHOWING  
CONCRETE PAVEMENT 8" UNIFORM (NON REINFORCED)  
TO APPLY ON 48' EXPRESS DETOUR ROADWAY — SCALE  $\frac{1}{2}'' = 1'$



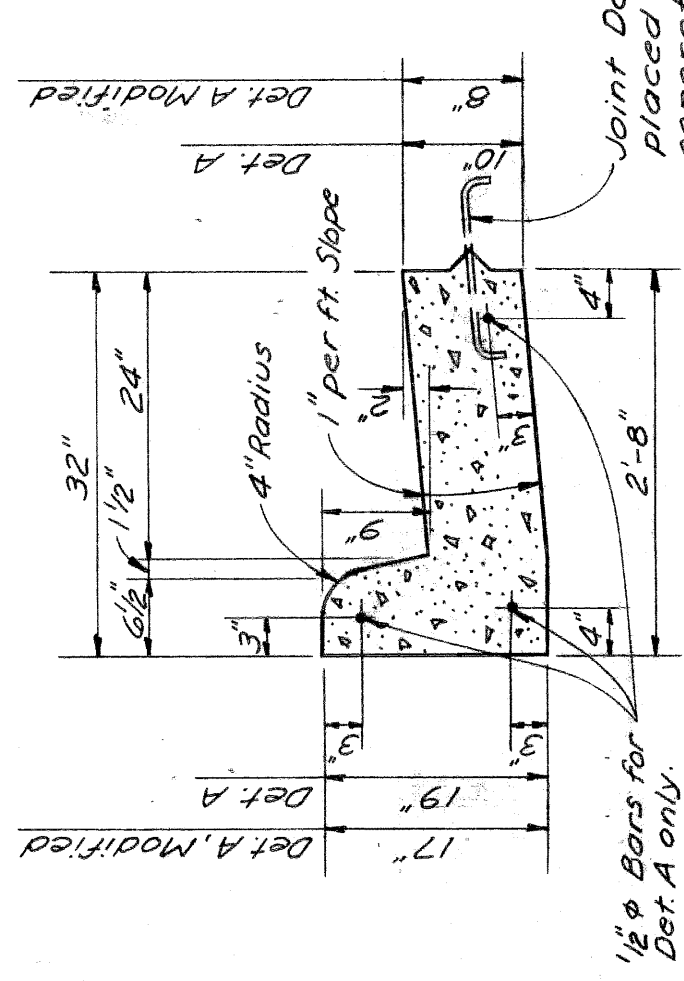
TYPICAL CROSS SECTION SHOWING  
CONCRETE PAVEMENT 8" UNIFORM (NON REINFORCED)  
TO APPLY ON 12.5' TEMPORARY RAMP — SCALE  $\frac{1}{2}'' = 1'$



TYPICAL CROSS SECTION SHOWING  
CONCRETE PAVEMENT 8" UNIFORM (NON REINFORCED)  
TO APPLY ON 22' PERMANENT SERVICE DRIVE — SCALE  $\frac{1}{2}'' = 1'$

Quantities per Linear Ft.

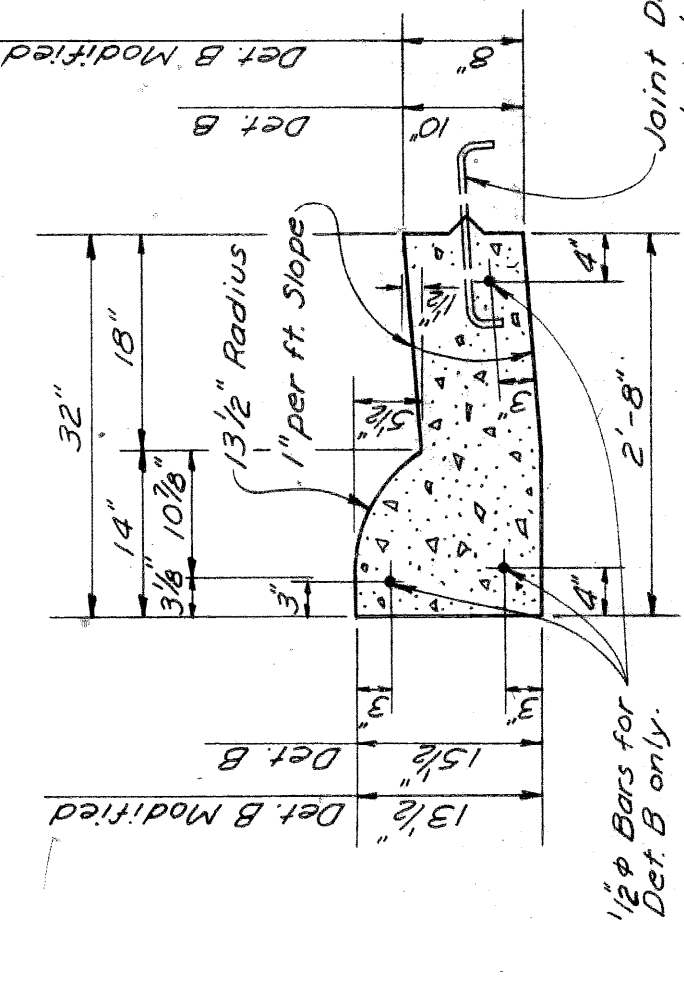
Detail A	Detail A Modified
Grade AA Concrete	0.0985 cu yds.
Steel Reinforcement	2.409 lbs.



CONCRETE BARRIER CURB & GUTTER,  
DETAIL A & DETAIL A MODIFIED  
SCALE  $\frac{3}{4}'' = 1'$

Quantities per Linear Ft.

Detail B	Detail B Modified
Grade AA Concrete	0.0925 cu yds.
Steel Reinforcement	2.405 lbs.



CONCRETE ROLL CURB & GUTTER,  
DETAIL B & DETAIL B MODIFIED  
SCALE  $\frac{3}{4}'' = 1'$

Notes:  
General Notes on M.S.H.D. Std. Dwg. E-4-A-25E shall apply.











STATE	PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
4	1757/3423			
CITY	COUNTY	ROUTE	PROJECT	DATE
Wayne	Detroit	82251	Wayne Detroit	7/3

EXISTING DEQUINDRE YARD BRIDGE

**STAGE I**

**MAINTAINING TRAFFIC:**  
Traffic continues to use the Existing Edsel Ford Expressway, including the Existing Beaubien "On" Ramp and the Existing Russell "Off" Ramp.

**CONSTRUCTION:**  
1. Construct Bridge B-28  
2. Construct the South Service Drive, the Permanent Beaubien "On" Ramp and the Temporary Beaubien "On" Ramp.  
3. Construct the Detour from Bridge B-28 to a point West of the Existing Russell "Off" Ramp.

**STAGE II**

**MAINTAINING TRAFFIC:**  
Traffic continues to use the Existing Edsel Ford Expressway, including the Existing Russell "Off" Ramp. The Permanent Beaubien "On" Ramp is opened to traffic.

**CONSTRUCTION:**  
1. Remove the Existing Beaubien "On" Ramp.  
2. Construct the Detour from the Existing Edsel Ford Expressway to a point East of Bridge B-28.  
3. Construct the Temporary Russell "Off" Ramp and the East Service Drive from Rivard St. to Medbury Ave.

**STAGE III**

**MAINTAINING TRAFFIC:**  
Traffic continues to use the Existing Edsel Ford Expressway and the Permanent Beaubien "On" Ramp. The Temporary Russell "Off" Ramp is opened to traffic and approached via the Detour Roadway.

**CONSTRUCTION:**  
1. Remove the Existing Russell "Off" Ramp.  
2. Complete the construction of the Detour to the Existing Edsel Ford Expressway.  
3. Complete the Temporary Russell "Off" Ramp.

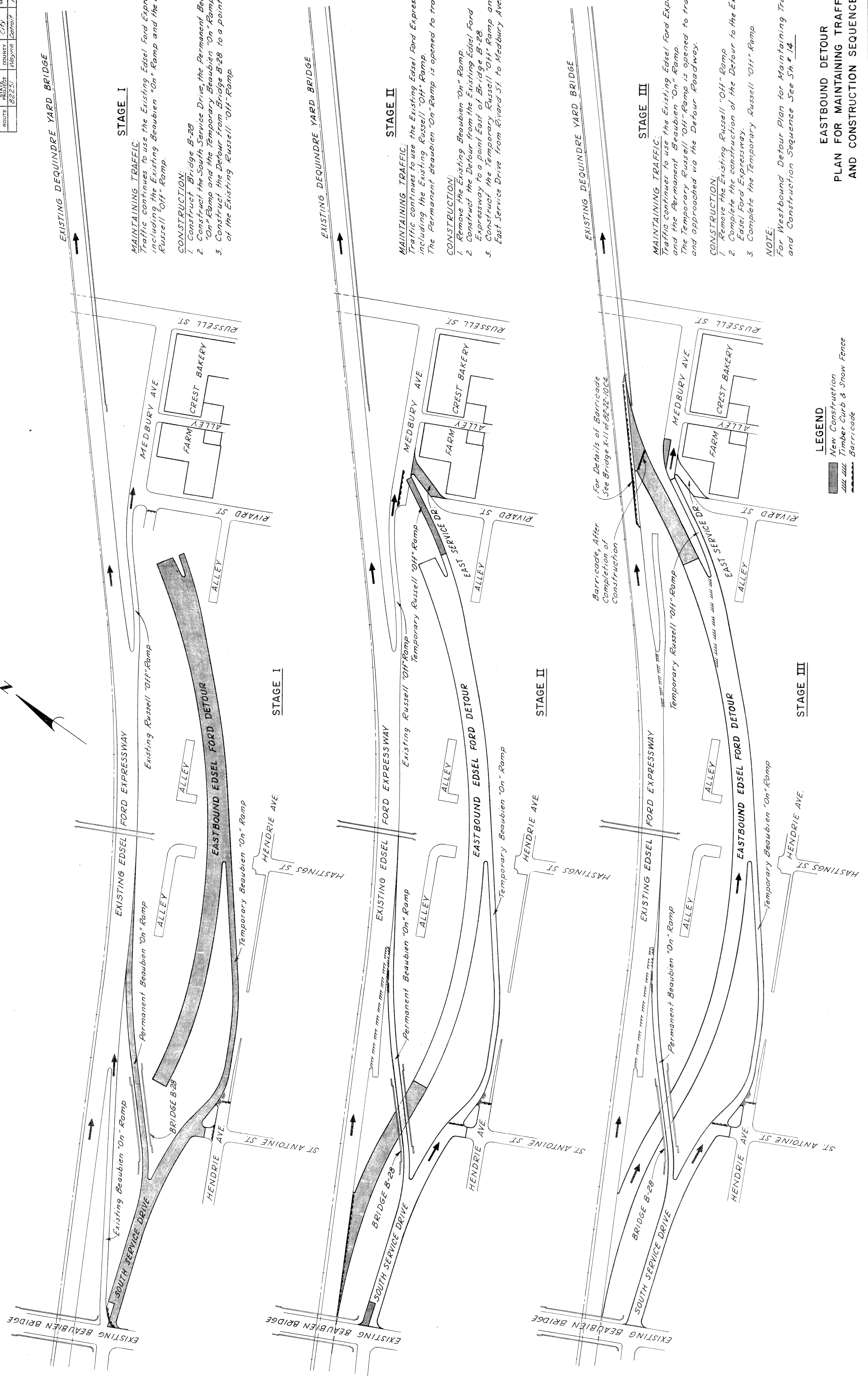
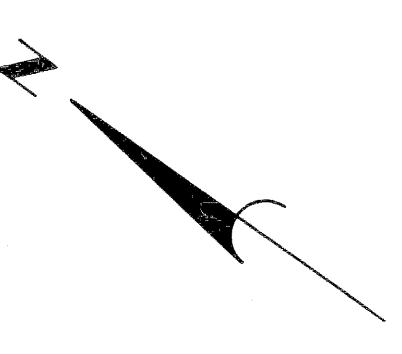
**NOTE:**  
For Westbound Detour Plan for Maintaining Traffic and Construction Sequence See Sh. # 14.

**LEGEND**  
 New Construction  
 Timber Curb & Snow Fence  
 Barricade

**EASTBOUND DETOUR  
PLAN FOR MAINTAINING TRAFFIC  
AND CONSTRUCTION SEQUENCE**

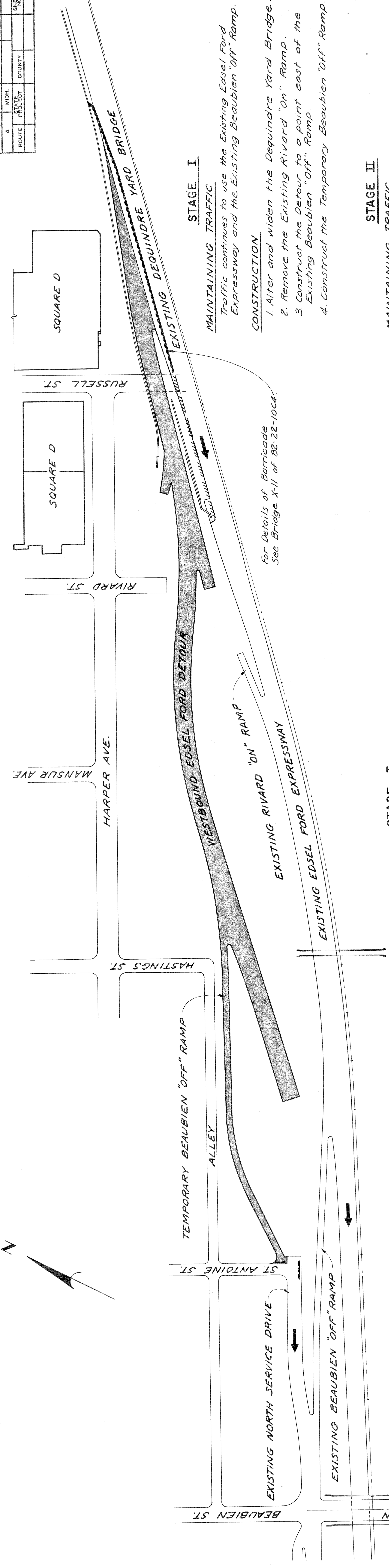
PLANS PREPARED BY  
 CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE  
 BUREAU OF HIGHWAYS AND EXPRESSWAYS

DATE	BY	REASON
7/10	FA. CALTABIAND	PLAN CHECKED
7/10	J. WICKER, J. M. BREED	PLAN CHECKED
7/10	A. E. PAGE	RECOMMENDED FOR APPROVAL





STATE	PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
4	1757(24)13			
CITY	COUNTY	ROUTE	SHEET NO.	TOTAL SHEETS
Detroit	Wayne	82251		
YEAR	PROJ. NO.	ROUTE	SHEET NO.	TOTAL SHEETS



**STAGE I**

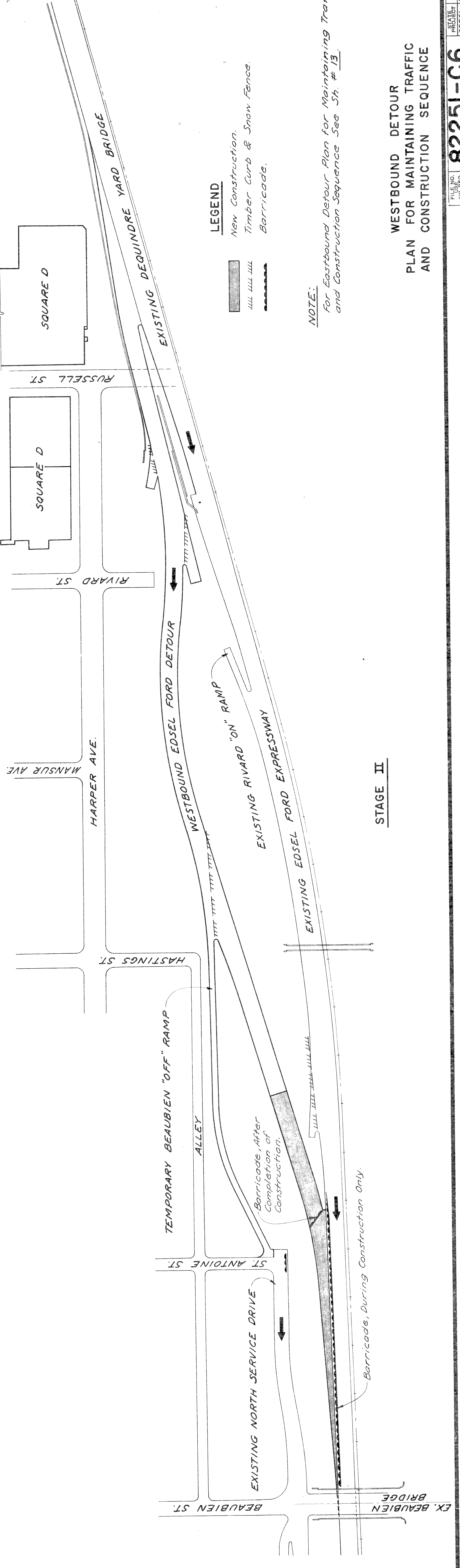
**STAGE II**

**MAINTAINING TRAFFIC**

Traffic continues to use the Existing Edsel Ford Expressway. The Temporary Beaubien "Off" Ramp is opened to traffic and approached via the Detour Roadway.

**CONSTRUCTION**

1. Remove the Existing Beaubien "Off" Ramp.
2. Complete the Detour.



**STAGE II**

**LEGEND**

- New Construction.
- ||||| Timber Curb & Snow Fence.
- Barricade.

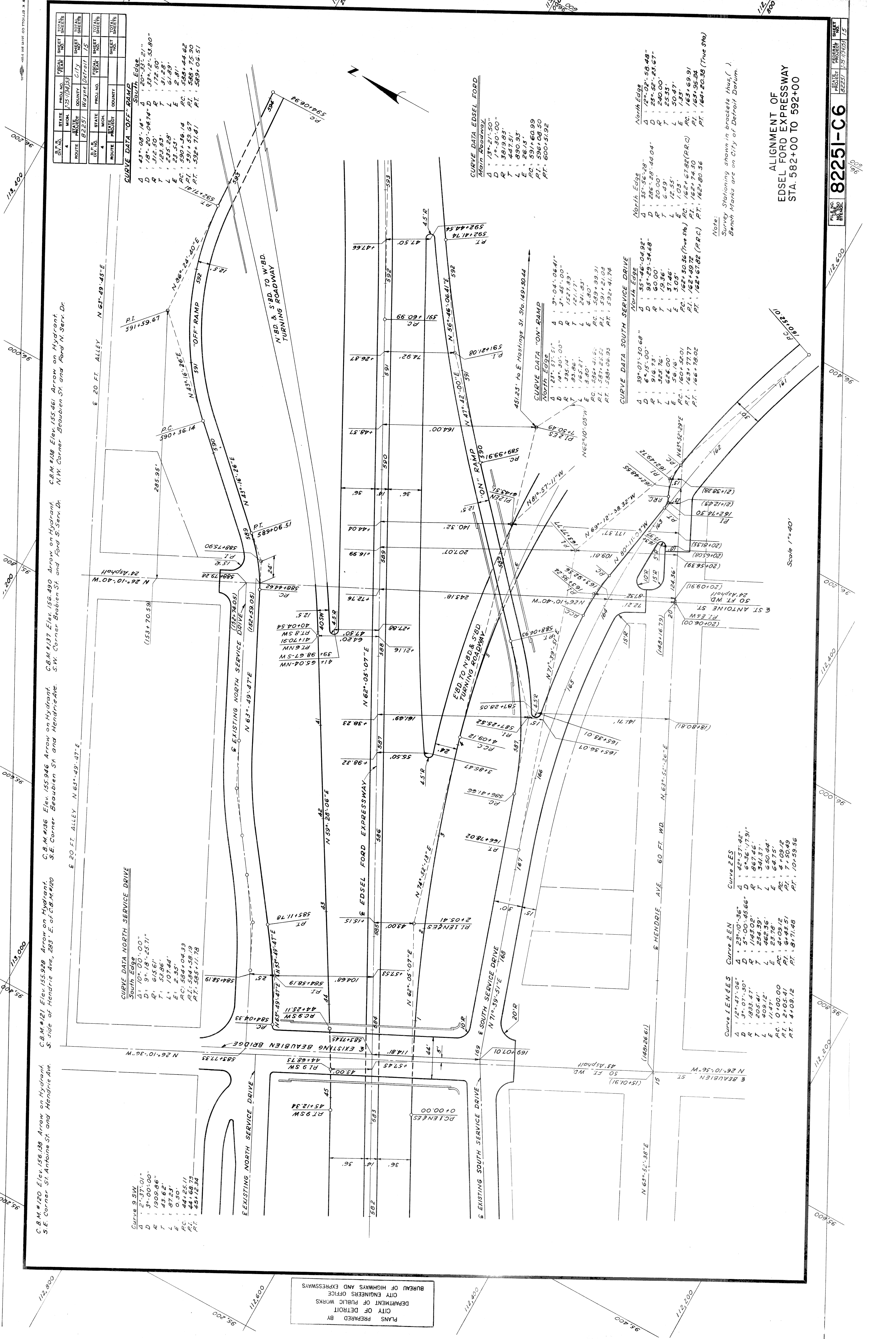
**NOTE:**  
For Eastbound Detour Plan for Maintaining Traffic and Construction Sequence See Sh. # 13.

**WESTBOUND DETOUR  
PLAN FOR MAINTAINING TRAFFIC  
AND CONSTRUCTION SEQUENCE**

PLANS PREPARED BY  
CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE  
BUREAU OF HIGHWAYS AND EXPRESSWAYS

DATE	BY	PLAN DESIGNED	PLAN CHECKED	SQUAD LEADER	RECOMMENDED FOR APPROVAL
4/60	R. WOLKAN	J. WICKERY	J. M. BREED	A. PEAGER	R. H. HALL
4/60					
4/60					





STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS	
MICH.	1735/3013	173	175	
ROUTE	CITY	PROJ. NO.	SHEET NO.	TOTAL SHEETS
22257	WYOMIE	227217	75	75

**CURVE DATA "OFF" RAMP**

South Edge

D	43° 08' 14"	Δ	20° 33' 21"
D	18° 20' 04.74"	Δ	39° 12' 53.80"
R	312.50'	T	172.50'
T	123.83'	L	11.58'
L	235.28'	E	2.81'
E	23.53'	E	2.81'
PC	590+56.14	PC	584+44.62
PT	591+59.67	PT	584+75.20
PT	589+71.41	PT	589+06.57

**CURVE DATA "ON" RAMP**

North Edge

D	23° 57' 51"	Δ	9° 04' 06.41"
D	14° 30' 00"	Δ	3° 45' 00"
R	395.14'	T	1527.89'
T	23.86'	L	121.77'
L	165.27'	L	241.83'
E	4.80'	E	4.80'
PC	589+99.91	PC	589+99.91
PT	591+21.08	PT	591+21.08
PT	588+06.93	PT	588+06.93

**CURVE DATA NORTH SERVICE DRIVE**

South Edge

D	10° 00' 00"	Δ	42° 57' 42"
D	9° 18' 25.71"	Δ	6° 36' 17.91"
R	615.61'	T	867.46'
T	53.86'	R	341.37'
L	107.44'	L	650.44'
E	2.55'	E	64.75'
PC	584+04.33	PC	4+09.12
PT	584+58.18	PT	4+30.49
PT	585+11.78	PT	8+71.48

**CURVE DATA SOUTH SERVICE DRIVE**

North Edge

D	35° 56' 28"	Δ	85° 46' 04.92"
D	286° 28' 44.04"	Δ	85° 23' 34.68"
R	240.00'	T	19.00'
T	6.49'	L	37.06'
L	25.33'	L	12.55'
E	1.03'	E	1.03'
PC	162+30.36 (True Sta)	PC	162+67.82 (P.R.C)
PT	163+55.24	PT	163+74.30
PT	164+20.38 (True Sta)	PT	162+80.36

C.B.M. #121 Elev. 155.928 Arrow on Hydrant.  
S. side of Hendrie Ave, 283' E. of C.B.M. #20

C.B.M. #136 Elev. 155.946 Arrow on Hydrant.  
S.W. Corner Beaubien St. and Hendrie Ave.

C.B.M. #137 Elev. 156.490 Arrow on Hydrant.  
S.W. Corner Beaubien St. and Ford St. Serv. Dr.

C.B.M. #138 Elev. 155.461 Arrow on Hydrant.  
N.W. Corner Beaubien St. and Ford St. Serv. Dr.

C.B.M. #120 Elev. 156.138 Arrow on Hydrant.  
S.E. Corner St. Antoine St. and Hendrie Ave.

C.B.M. #121 Elev. 155.928 Arrow on Hydrant.  
S. side of Hendrie Ave, 283' E. of C.B.M. #20

Scale 1"=40'

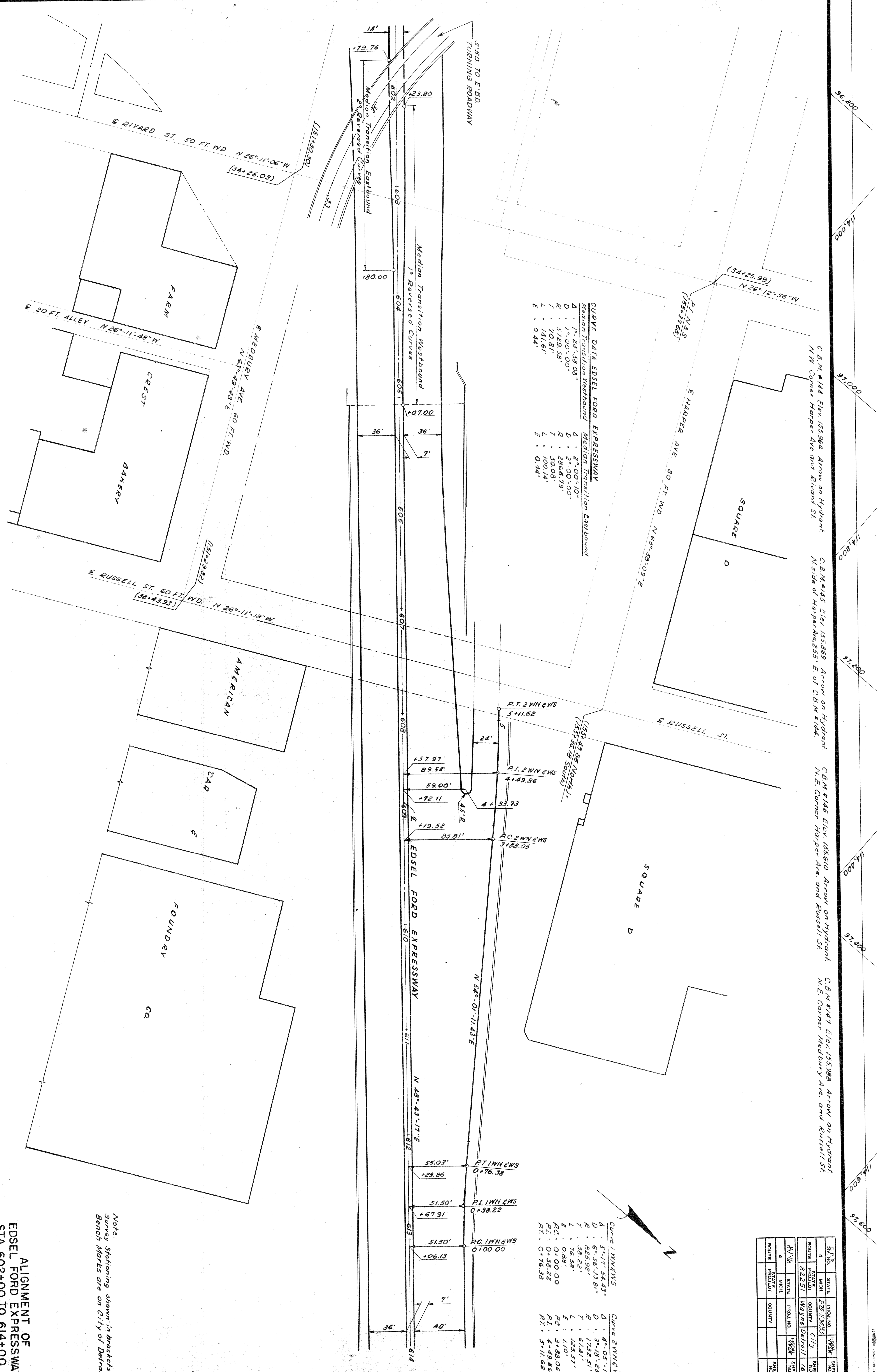
Survey Stationing shown in brackets thus, ( ).  
Bench Marks are on City of Detroit Datum.

PLANS PREPARED BY  
CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE  
BUREAU OF HIGHWAYS AND EXPRESSWAYS

82251-C6  
PROJECT NO. 82251  
DATE 12/19/93  
SHEET 175



PLANS PREPARED BY  
 CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE  
 BUREAU OF HIGHWAYS AND EXPRESSWAYS



**CURVE DATA EDEL FORD EXPRESSWAY**

Curve	Transition	Station	D	R	T	L	E
1	Westbound	602	124.58	100.00	57.29	70.81	141.61
2	Eastbound	605	200.10	2864.79	50.08	100.14	0.44
3	Westbound	607	200.10	2864.79	50.08	100.14	0.44

Curve	Station	D	R	T	L	E
1	611	51.17	54.43	6.56	13.81	925.92
2	612	4.05	11.34	3.18	23.35	1732.51
3	613	51.50	0.00	0.89	1.00	123.51

ROUTE	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
82251	MI	1251(26/29)	16	26

Notes:  
 Survey Stationing shown in brackets thus ( )  
 Bench Marks are on City of Detroit Datum.

ALIGNMENT OF  
 EDEL FORD EXPRESSWAY  
 STA. 602+00 TO 614+00

82251-C6

Scale: 1"=40'



C.B.M. #136 Elev. 553.46 Arrow on Hydrant  
 S.E. Corner Beaubien St. and Hendrie Ave.

C.B.M. #137 Elev. 564.90 Arrow on Hydrant  
 S.W. Corner Beaubien St. and Existing South  
 Service Drive.

C.B.M. #120 Elev. 156.18 Arrow on Hydrant  
 S.E. Corner St. Antoine St. and Hendrie Ave.

C.B.M. #121 Elev. 155.928 Arrow on Hydrant  
 S. Side of Hendrie Ave. - 203' East of C.B.M. #120  
 Hendrie Ave.

C.B.M. #122 Elev. 156.678 - City of Detroit  
 Monument - N.E. Corner of Hastings St. and  
 Hendrie Ave.

**CURVE DATA FOR EASTBOUND EDESEL FORD DETOUR**

Curve 1 DEB	Curve 2 DEB	Curve 3 DEB	Curve 4 DEB
D : 10° 03' 53.42"	D : 12° 25' 59.48"	D : 17° 23' 19.73"	D : 0° 50' 23.06"
R : 583+03.53	R : 584+46.48	R : 586+36.76	R : 587+51.55
P.C. : 583+03.53	P.C. : 584+46.48	P.C. : 586+36.76	P.C. : 587+51.55
P.T. : 583+03.53	P.T. : 584+46.48	P.T. : 586+36.76	P.T. : 587+51.55
L : 166.42'	L : 108.93'	L : 147.42'	L : 116.83'
E : 583+03.53	E : 584+46.48	E : 586+36.76	E : 587+51.55
P.I. : 583+03.53	P.I. : 584+46.48	P.I. : 586+36.76	P.I. : 587+51.55
P.T. : 583+03.53	P.T. : 584+46.48	P.T. : 586+36.76	P.T. : 587+51.55

**CURVE DATA "ON" RAMP**

North Edge	Main Roadway
D : 23° 57' 1.51"	D : 13° 21' 1.50"
R : 589+30.00	R : 587+83.83
P.C. : 589+30.00	P.C. : 587+83.83
P.T. : 589+30.00	P.T. : 587+83.83
L : 165.27'	L : 89.03'
E : 589+30.00	E : 587+83.83
P.I. : 589+30.00	P.I. : 587+83.83
P.T. : 589+30.00	P.T. : 587+83.83

**CURVE DATA EDESEL FORD**

Main Roadway
D : 13° 21' 1.50"
R : 587+83.83
P.C. : 587+83.83
P.T. : 587+83.83
L : 89.03'
E : 587+83.83
P.I. : 587+83.83
P.T. : 587+83.83

**CURVE DATA SOUTH SERVICE DRIVE**

D : 39° 07' 30.68"	D : 12° 02' 58.48" (North Edge)
R : 916.73'	R : 240'
P.C. : 15+01.91	P.C. : 25.33'
P.T. : 15+01.91	P.T. : 25.33'
L : 666.00'	L : 133'
E : 15+01.91	E : 25.33'
P.I. : 15+01.91	P.I. : 25.33'
P.T. : 15+01.91	P.T. : 25.33'

**CURVE DATA "ON" RAMP TO DETOUR**

D : 30° 33' 12.94"	D : 12° 18' 52.73"
R : 160'	R : 640'
P.C. : 20+06.00	P.C. : 20+09.91
P.T. : 20+06.00	P.T. : 20+09.91
L : 85.32'	L : 137.56'
E : 20+06.00	E : 20+09.91
P.I. : 20+06.00	P.I. : 20+09.91
P.T. : 20+06.00	P.T. : 20+09.91

**CURVE DATA "ON" RAMP TO DETOUR**

D : 35° 56' 28.28" (North Edge)	D : 35° 48' 35.51"
R : 160'	R : 160'
P.C. : 20+09.91	P.C. : 20+09.91
P.T. : 20+09.91	P.T. : 20+09.91
L : 100.97'	L : 100.97'
E : 20+09.91	E : 20+09.91
P.I. : 20+09.91	P.I. : 20+09.91
P.T. : 20+09.91	P.T. : 20+09.91

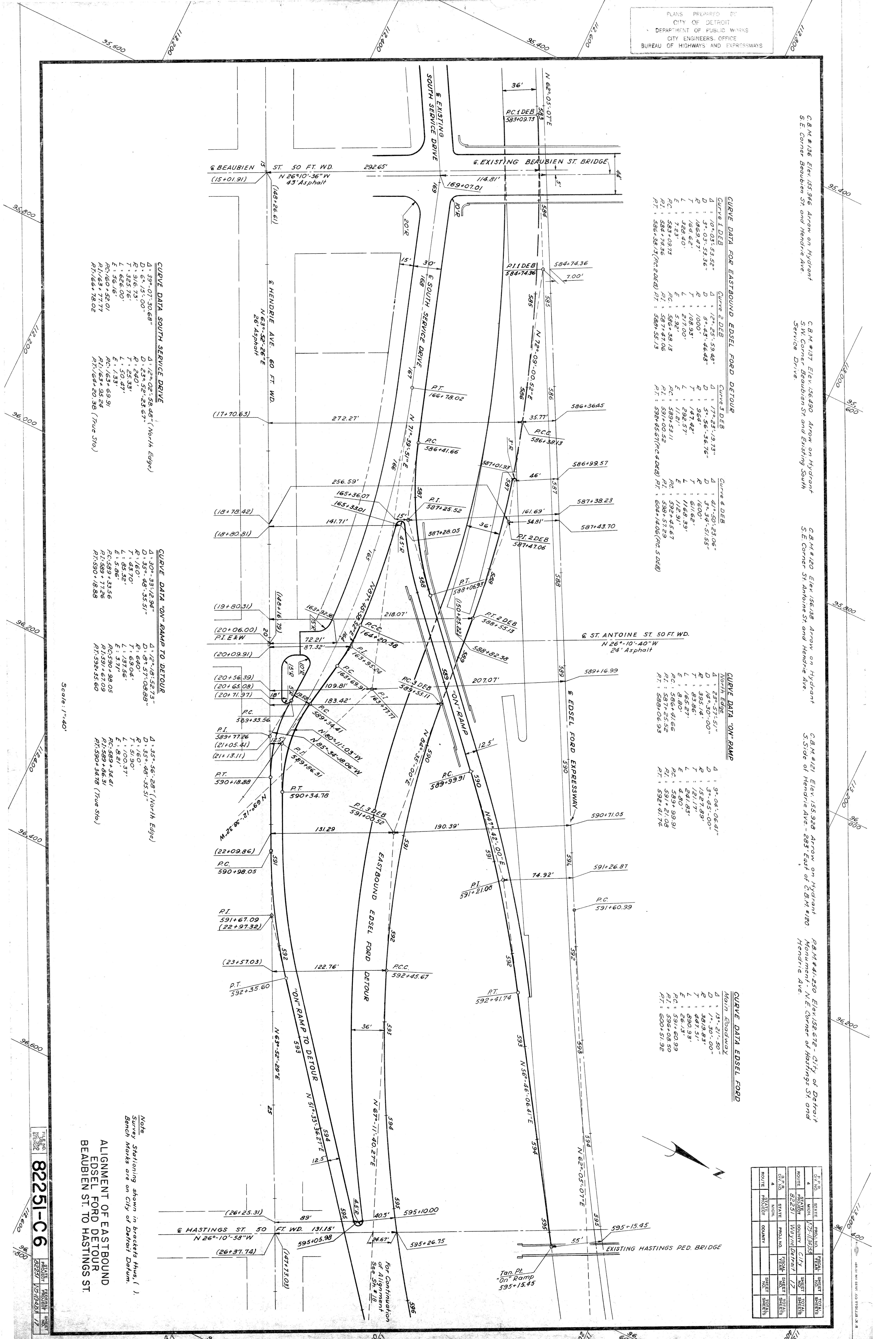
Note  
 Survey Stationing shown in brackets thus: ( )  
 Bench Marks are on City of Detroit Datum.

ALIGNMENT OF EASTBOUND  
 EDESEL FORD DETOUR  
 BEAUBIEN ST. TO HASTINGS ST.

Scale: 1"=40'

82251-C6

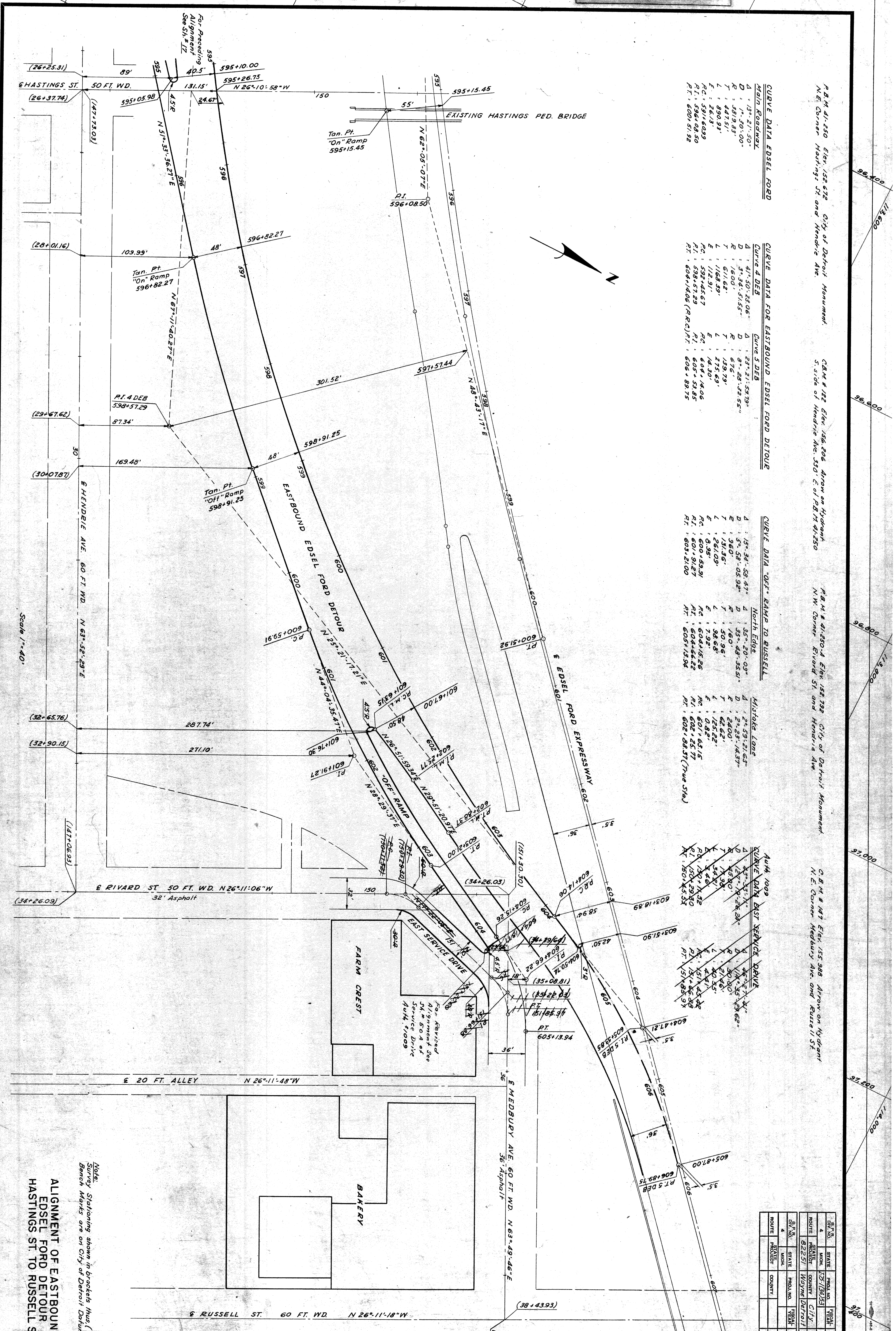
ROUTE	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	MICH.	179-1(38)53	17	35
4	MICH.	179-1(38)53	17	35
4	MICH.	179-1(38)53	17	35





P.B.M. #1250 Elev. 122.672 City of Detroit Monument,  
 N.E. Corner Hastings St. and Hendrie Ave.  
 C.B.M. #122 Elev. 156.406 Arrow on Hydrant  
 S. side of Hendrie Ave. 330' E. of P.B.M. #1250  
 P.B.M. #1230 Elev. 128.792 City of Detroit Monument,  
 N.W. Corner Rivard St. and Hendrie Ave.  
 C.B.M. #147 Elev. 153.988 Arrow on Hydrant  
 N.E. Corner Medbury Ave. and Russell St.

CURVE DATA EDSEL FORD		CURVE DATA FOR EASTBOUND EDSEL FORD DETOUR		CURVE DATA OFF-RAMP TO RUSSELL		CURVE DATA EAST SERVICE DRIVE	
MAIN ROADWAY	Curve 4 DEB	Curve 5 DEB	North Edge	Multiple Lane	Curve 1 DEB	Curve 2 DEB	Curve 3 DEB
A: 131° 21' 50"	A: 41° 50' 22.06"	A: 23° 21' 59.79"	A: 32° 20' 09"	A: 2° 53' 21.63"	A: 11° 35' 11.11"	A: 11° 35' 11.11"	A: 11° 35' 11.11"
D: 1° 20' 00"	D: 5° 34' 51.55"	D: 8° 28' 37.55"	D: 33° 48' 35.61"	D: 2° 23' 14.37"	D: 11° 35' 11.11"	D: 11° 35' 11.11"	D: 11° 35' 11.11"
R: 1819.83'	R: 1600'	R: 676'	R: 160'	R: 2400'	R: 100'	R: 100'	R: 100'
L: 447.51'	L: 611.62'	L: 139.79'	L: 131.36'	L: 50.96'	L: 62.62'	L: 40.55'	L: 40.55'
E: 890.93'	E: 1168.39'	E: 275.69'	E: 261.09'	E: 7.92'	E: 125.22'	E: 41.41'	E: 41.41'
P.C.: 591+603.9	P.C.: 598+45.67	P.C.: 604+14.06	P.C.: 600+59.91	P.C.: 604+15.26	P.C.: 151+42.18	P.C.: 151+42.18	P.C.: 151+42.18
P.T.: 596+08.50	P.T.: 598+57.29	P.T.: 605+53.85	P.T.: 601+91.87	P.T.: 604+66.22	P.T.: 151+82.94	P.T.: 151+82.94	P.T.: 151+82.94
P.I.: 600+51.52	P.I.: 604+1408 (P.R.C.)	P.I.: 606+83.75	P.I.: 605+21.00	P.I.: 605+13.94	P.I.: 151+82.94	P.I.: 151+82.94	P.I.: 151+82.94



Notes:  
 Stationing shown in brackets ( )  
 Survey Marks are on City of Detroit Datum.

ALIGNMENT OF EASTBOUND  
 EDSEL FORD DETOUR  
 HASTINGS ST TO RUSSELL ST.

82251-C6

ROUTE	STATE	PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
4	MI	127125023	1982	18	18
82251	MI	127125023	1982	18	18



B.P. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	MICH.	1737(2423)	113	200
			113	200

B.P. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	MICH.	1737(2423)	113	200
			113	200

C.B.M. #139 Elev. 158.056 Arrow on Hydrant.  
N.E. Corner Harper Ave. and Beaubien St.

C.B.M. #141 Elev. 155.602 Arrow on Hydrant.  
N. Side of Harper Ave., 250' E. of C.B.M. #140

C.B.M. #142 Elev. 155.059 Arrow on Hydrant.  
N.W. Corner Hastings St. and Harper Ave.

C.B.M. #138 Elev. 155.461 Arrow on Hydrant.  
N.W. Corner Beaubien St. and Ford N. Ser. Dr.

C.B.M. #140 Elev. 155.593 Arrow on Hydrant.  
N.W. Corner Harper Ave. and St. Antoine St.

C.B.M. #141 Elev. 155.602 Arrow on Hydrant.  
N. Side of Harper Ave., 250' E. of C.B.M. #140

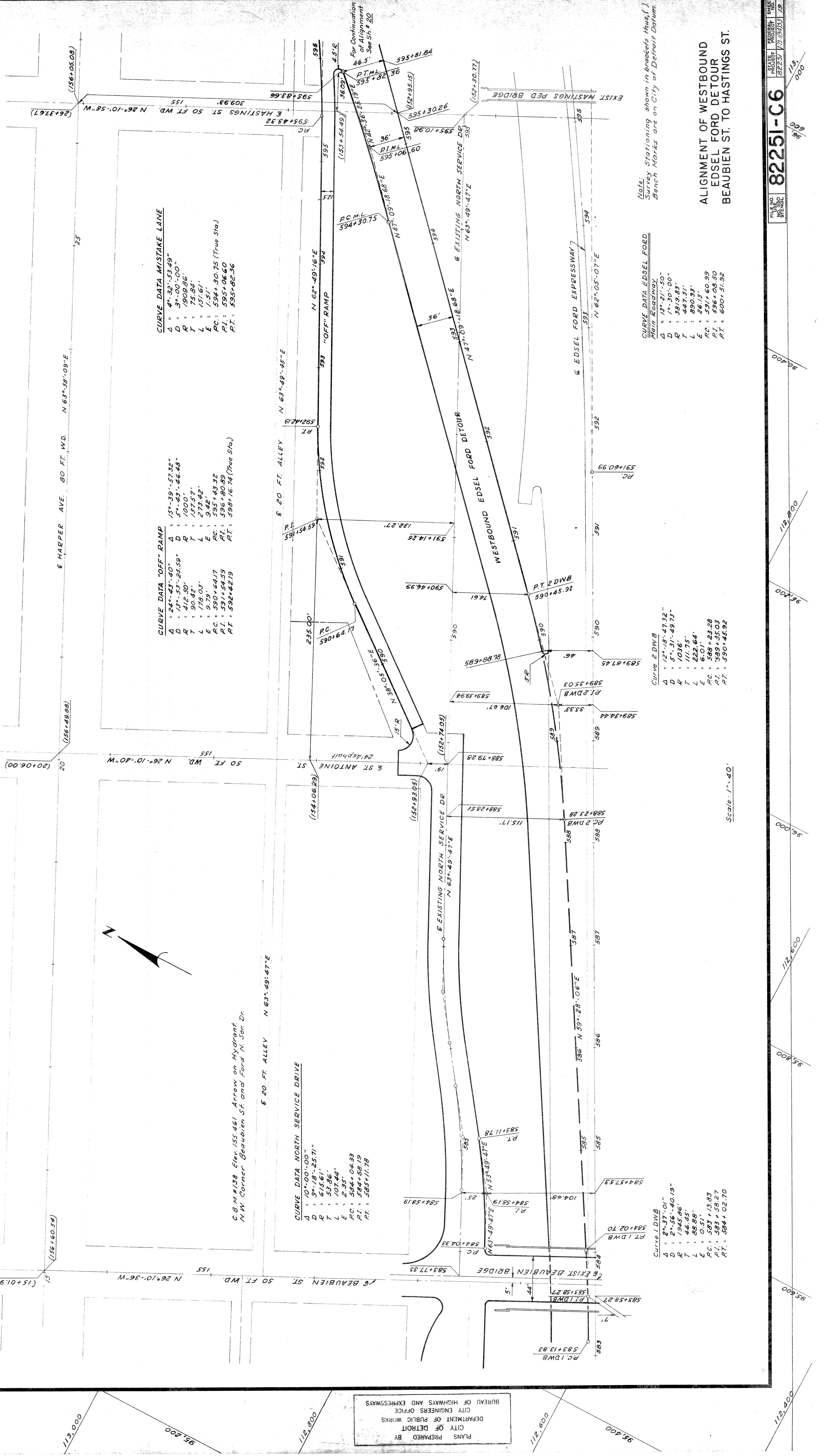
C.B.M. #142 Elev. 155.059 Arrow on Hydrant.  
N.W. Corner Hastings St. and Harper Ave.

C.B.M. #138 Elev. 155.461 Arrow on Hydrant.  
N.W. Corner Beaubien St. and Ford N. Ser. Dr.

C.B.M. #140 Elev. 155.593 Arrow on Hydrant.  
N.W. Corner Harper Ave. and St. Antoine St.

C.B.M. #141 Elev. 155.602 Arrow on Hydrant.  
N. Side of Harper Ave., 250' E. of C.B.M. #140

C.B.M. #142 Elev. 155.059 Arrow on Hydrant.  
N.W. Corner Hastings St. and Harper Ave.



**CURVE DATA OFF-RAMP**  
 A = 24°-43'-40"  
 D = 17°-53'-23.59"  
 R = 412.80'  
 T = 90.42'  
 L = 178.03'  
 E = 9.79'  
 PC: 590+64.17  
 PT: 591+54.59  
 PI: 591+42.19  
 RT: 592+42.19

**CURVE DATA MISTAKE LANE**  
 A = 4°-32'-53.49"  
 D = 3°-00'-00"  
 R = 1909.86'  
 T = 75.84'  
 L = 151.61'  
 E = 1.51'  
 PC: 594+30.75 (True Sta)  
 PT: 595+06.60  
 PI: 595+82.36  
 RT: 595+82.36

**CURVE DATA NORTH SERVICE DRIVE**  
 A = 10°-00'-00"  
 D = 9°-18'-25.71"  
 R = 615.61'  
 T = 53.96'  
 L = 254'  
 E = 2.54'  
 PC: 584+04.33  
 PT: 584+59.19  
 PI: 585+11.78  
 RT: 585+11.78

**CURVE DATA 20 FT. ALLEY**  
 A = 15°-39'-57.32"  
 D = 5°-43'-46.43"  
 R = 1000'  
 T = 137.57'  
 L = 273.42'  
 E = 9.42'  
 PC: 595+43.32  
 PT: 596+80.89  
 PI: 596+16.74 (True Sta)  
 RT: 598+16.74

**CURVE DATA EDSEL FORD**  
 Main Roadway  
 A = 13°-21'-50"  
 D = 1°-30'-00"  
 R = 3819.83'  
 T = 447.31'  
 L = 890.33'  
 E = 26.73'  
 PC: 591+60.99  
 PT: 596+08.50  
 PI: 600+51.92  
 RT: 600+51.92

**CURVE DATA EDSEL FORD**  
 Main Roadway  
 A = 13°-21'-50"  
 D = 1°-30'-00"  
 R = 3819.83'  
 T = 447.31'  
 L = 890.33'  
 E = 26.73'  
 PC: 591+60.99  
 PT: 596+08.50  
 PI: 600+51.92  
 RT: 600+51.92

**CURVE DATA EDSEL FORD**  
 Main Roadway  
 A = 13°-21'-50"  
 D = 1°-30'-00"  
 R = 3819.83'  
 T = 447.31'  
 L = 890.33'  
 E = 26.73'  
 PC: 591+60.99  
 PT: 596+08.50  
 PI: 600+51.92  
 RT: 600+51.92

**CURVE DATA EDSEL FORD**  
 Main Roadway  
 A = 13°-21'-50"  
 D = 1°-30'-00"  
 R = 3819.83'  
 T = 447.31'  
 L = 890.33'  
 E = 26.73'  
 PC: 591+60.99  
 PT: 596+08.50  
 PI: 600+51.92  
 RT: 600+51.92

**CURVE DATA EDSEL FORD**  
 Main Roadway  
 A = 13°-21'-50"  
 D = 1°-30'-00"  
 R = 3819.83'  
 T = 447.31'  
 L = 890.33'  
 E = 26.73'  
 PC: 591+60.99  
 PT: 596+08.50  
 PI: 600+51.92  
 RT: 600+51.92

PLANS PREPARED BY  
 CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE  
 BUREAU OF HIGHWAYS AND EXPRESSWAYS

Scale: 1" = 40'

Note: Survey Stationing shown in brackets thus, ( )  
 Bench Marks are on City of Detroit Datum.

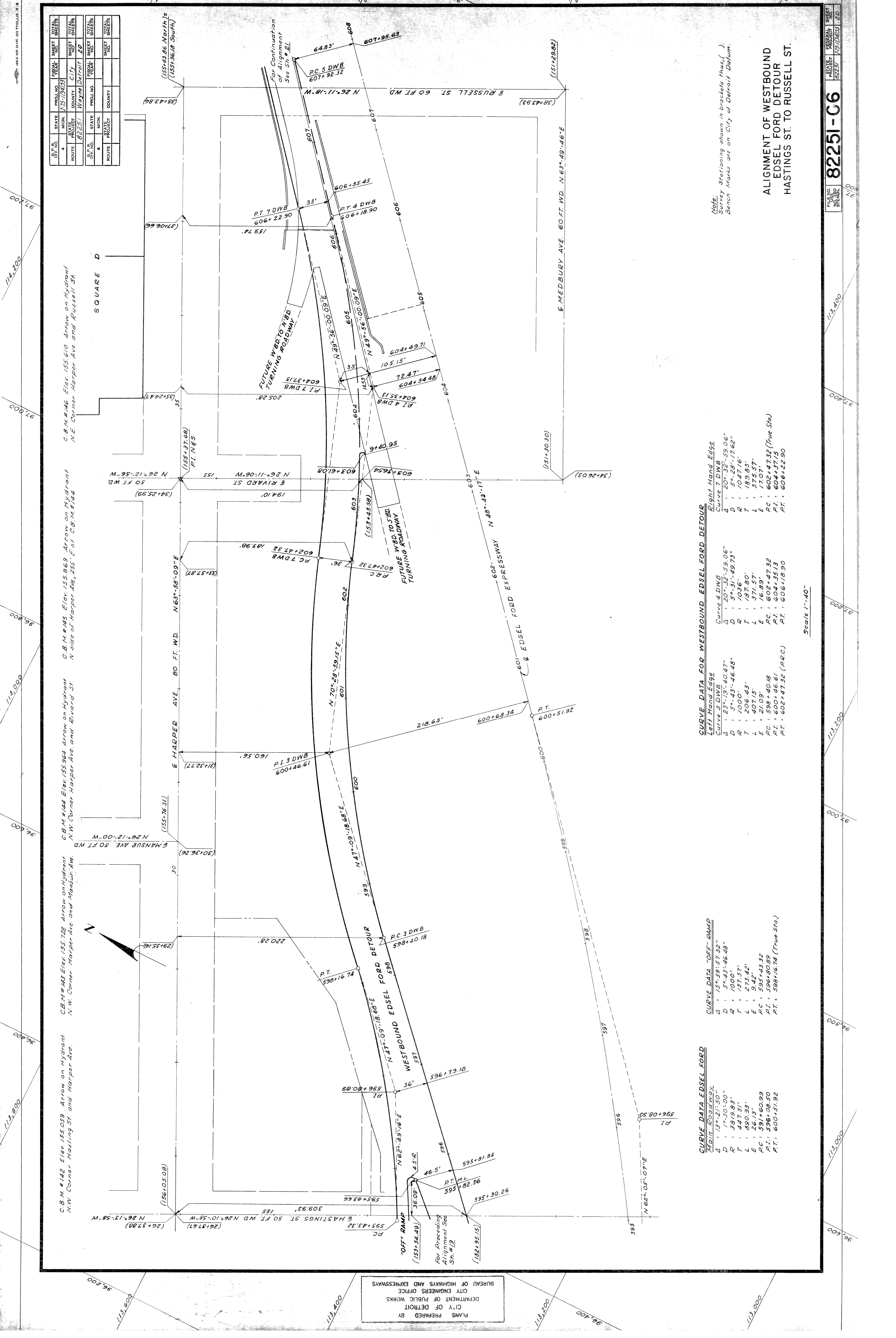
ALIGNMENT OF WESTBOUND  
 EDSEL FORD DETOUR  
 BEAUBIEN ST. TO HASTINGS ST.

82251-C6

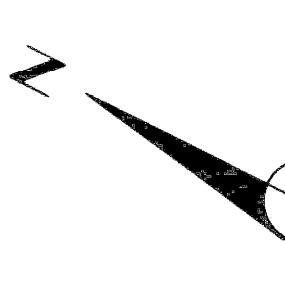
FILE NO. 82251  
 PROJECT 1737(2423)  
 SHEET 113



STATE	PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
MI.	12-12-1963			
CITY	ROUTE	PROJECT	DATE	
Wayne Detroit	22257			



C.B.M. #142 Elev. 155.059 Arrow on Hydrant N.W. Corner Hastings St. and Harper Ave.  
 C.B.M. #143 Elev. 155.729 Arrow on Hydrant N.W. Corner Harper Ave. and Mansur Ave.  
 C.B.M. #144 Elev. 155.964 Arrow on Hydrant N.W. Corner Harper Ave. and Rivard St.  
 C.B.M. #145 Elev. 155.869 Arrow on Hydrant N side of Harper Ave. 265' E of C.B.M. #144  
 C.B.M. #146 Elev. 155.610 Arrow on Hydrant N.E. Corner Harper Ave. and Russell St.



PLANS PREPARED BY  
 CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE  
 BUREAU OF HIGHWAYS AND EXPRESSWAYS

**CURVE DATA "OFF" RAMP**

Left Hand Edge	Curve 4 D.W.B.	Eight Hand Edge
Curve 3 D.W.B.	A : 20° 32' 59.06"	Curve 7 D.W.B.
D : 23° 19' 40.47"	D : 5° 31' 49.73"	A : 20° 32' 59.06"
R : 1000'	R : 1036'	D : 5° 28' 17.62"
T : 206.43'	T : 187.80'	Q : 1047.16'
L : 210.9'	L : 171.57'	T : 189.83'
E : 16.89'	E : 17.07'	L : 375.57'
P.C. : 598+40.18	P.C. : 602+47.32	P.C. : 602+47.32 (True Sta)
P.I. : 596+08.50	P.I. : 604+35.13	P.I. : 604+35.13
P.T. : 600+51.92	P.T. : 606+18.90	P.T. : 606+18.90

**CURVE DATA FOR WESTBOUND EDESEL FORD DETOUR**

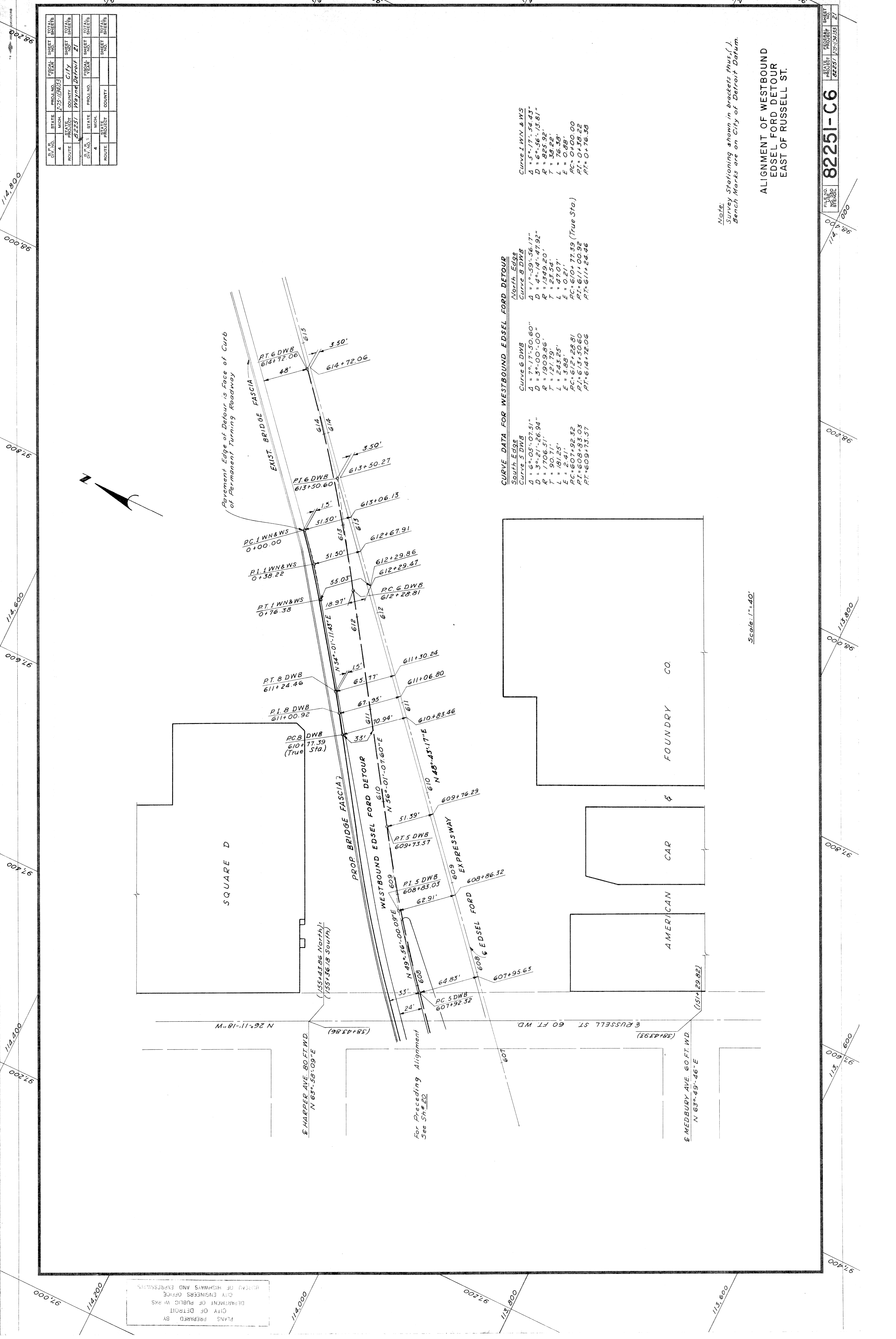
Left Hand Edge	Curve 4 D.W.B.	Eight Hand Edge
Curve 3 D.W.B.	A : 20° 32' 59.06"	Curve 7 D.W.B.
D : 23° 19' 40.47"	D : 5° 31' 49.73"	A : 20° 32' 59.06"
R : 1000'	R : 1036'	D : 5° 28' 17.62"
T : 206.43'	T : 187.80'	Q : 1047.16'
L : 210.9'	L : 171.57'	T : 189.83'
E : 16.89'	E : 17.07'	L : 375.57'
P.C. : 598+40.18	P.C. : 602+47.32	P.C. : 602+47.32 (True Sta)
P.I. : 596+08.50	P.I. : 604+35.13	P.I. : 604+35.13
P.T. : 600+51.92	P.T. : 606+18.90	P.T. : 606+18.90

Note:  
 Survey Stationing shown in brackets thus, ( ).  
 Bench Marks are on City of Detroit Datum.

ALIGNMENT OF WESTBOUND  
 EDESEL FORD DETOUR  
 HASTINGS ST. TO RUSSELL ST.

Scale 1"=40'





DIV. NO.	STATE	PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
4	MICH.	F75-13923			
ROUTE	COUNTY	CITY		SHEET NO.	TOTAL SHEETS
32251	Wayne	Detroit			
DIV. NO.	STATE	PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
4	MICH.				
ROUTE	COUNTY			SHEET NO.	TOTAL SHEETS

**CURVE DATA FOR WESTBOUND EDSSEL FORD DETOUR**

Curve	South Edge	North Edge
Curve 5 DNB	A = 6°-05'-07.51"	A = 1°-59'-56.17"
Curve 6 DNB	D = 3°-21'-26.94"	D = 4°-14'-47.92"
Curve 7 DNB	R = 1706.51'	R = 1349.20'
Curve 8 DNB	T = 90.71'	T = 23.54'
Curve 9 DNB	L = 181.25'	L = 47.07'
Curve 10 DNB	E = 2.41'	E = 0.21'
Curve 11 DNB	PC = 607+92.32	PC = 610+77.39 (True Sta.)
Curve 12 DNB	PI = 608+83.03	PI = 613+50.60
Curve 13 DNB	PT = 609+73.57	PT = 614+72.06

Note:  
Survey Stationing shown in brackets thus, ( ),  
Bench Marks are on City of Detroit Datum.

Scale: 1"=40'

ALIGNMENT OF WESTBOUND  
EDSEL FORD DETOUR  
EAST OF RUSSELL ST.

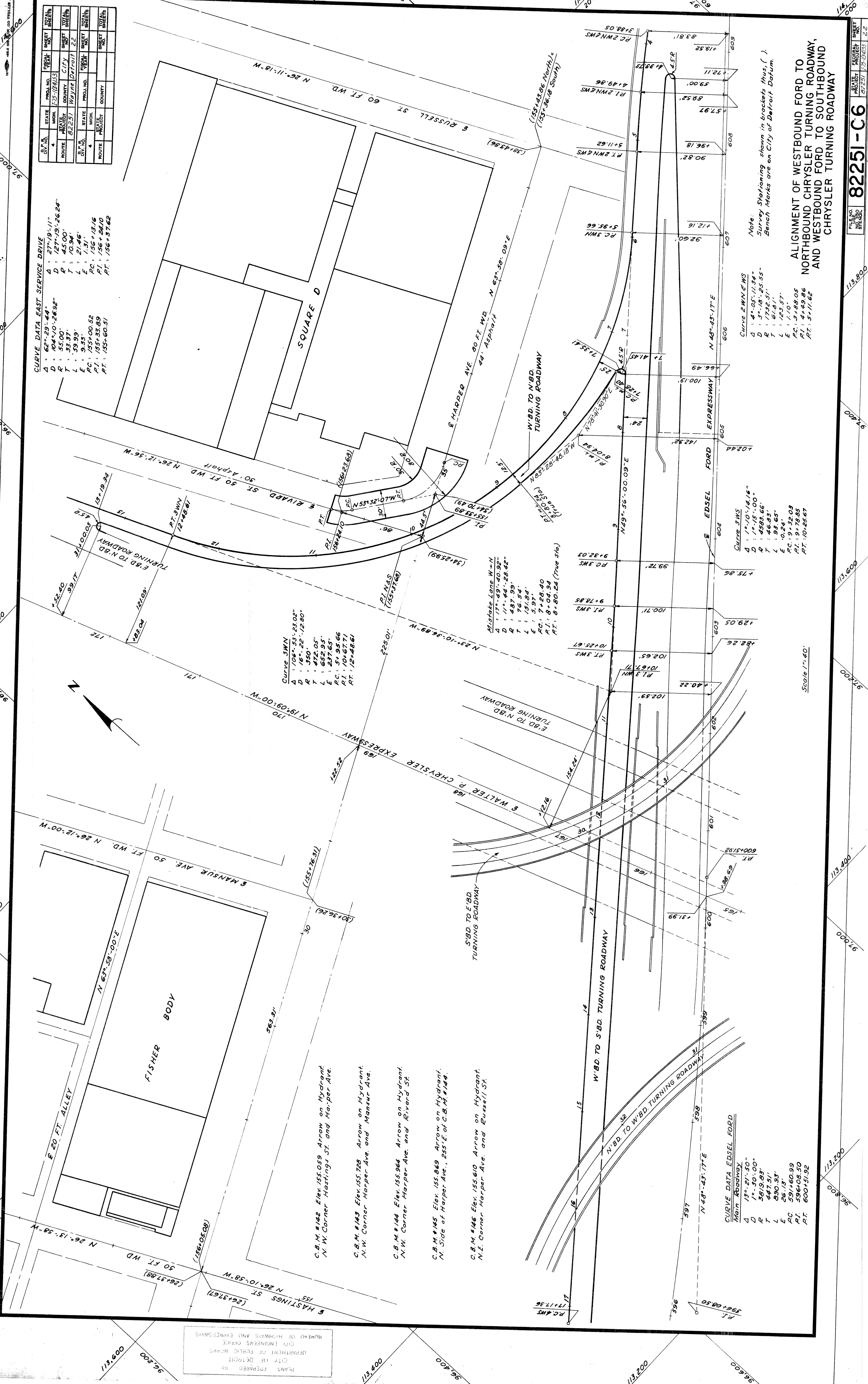
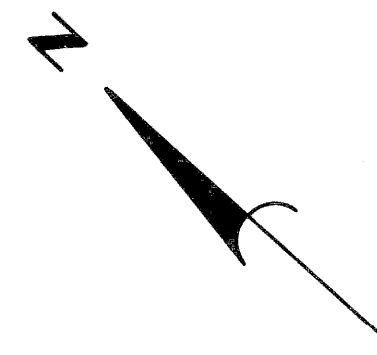
82251-C6

PLANS PREPARED BY  
CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE  
BUREAU OF HIGHWAYS AND EXPRESSWAYS



STATE	COUNTY	CITY	PROJECT	SHEET NO.	TOTAL SHEETS
MICH.	Wayne	Detroit	82251-C-6	22	22

**CURVE DATA EAST SERVICE DRIVE**  
 Δ : 62°-29'-44"  
 D : 104°-10'-26.92"  
 R : 55.00'  
 T : 33.37'  
 L : 7.34'  
 E : 9.33'  
 PC : 155°-00'-52"  
 PT : 155°-33'-89"  
 PT : 156°-24'-16"  
 PT : 156°-57'-62"



**Curve 3MN**  
 Δ : 104°-53'-23.03"  
 D : 16°-22'-12.80"  
 R : 350'  
 T : 472.05'  
 L : 652.95'  
 E : 237.65'  
 PC : 51°-55.66"  
 PT : 101°-67.71"  
 PT : 12°-48.61"

**Mistake Lane W-N**  
 Δ : 171°-49'-40.92"  
 D : 11°-44'-28.42"  
 R : 487.99'  
 T : 76.54'  
 L : 151.84'  
 E : 7.97'  
 PC : 8°-04.34"  
 PT : 8°-50.24" (True Sta.)

**CURVE DATA EDSEL FORD Main Roadway**  
 Δ : 13°-21'-50"  
 D : 1°-30'-00"  
 R : 3819.83'  
 T : 447.51'  
 L : 890.53'  
 E : 26.13'  
 PC : 59°-40.99"  
 PT : 59°-08.50"  
 PT : 600°-51.92"

**Curve 2MN & WS**  
 Δ : 4°-05'-11.34"  
 D : 3°-18'-25.55"  
 R : 1742.51'  
 T : 61.81'  
 L : 123.57'  
 E : 1.10"  
 PC : 51°-28.05"  
 PT : 4°-49.86"  
 PT : 51°-11.62"

**Curve 3MS**  
 Δ : 1°-10'-14.16"  
 D : 1°-15'-00"  
 R : 4583.66'  
 T : 46.83'  
 L : 93.65'  
 E : 0.24"  
 PC : 9°-32.03"  
 PT : 9°-78.85"  
 PT : 10°-25.67"

**Note:**  
 Survey Stationing shown in brackets thus, ( ).  
 Bench Marks are on City of Detroit Datum.

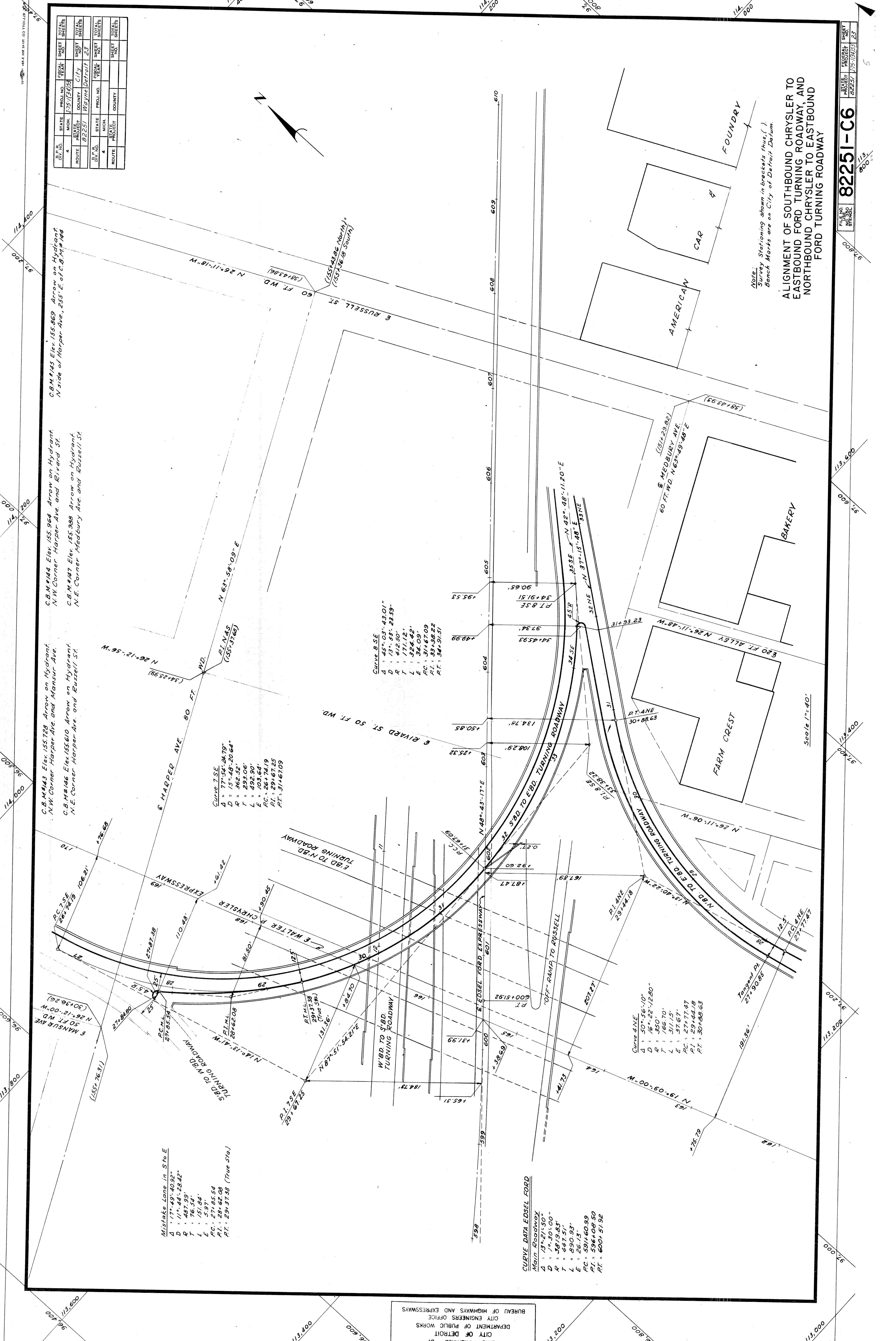
**ALIGNMENT OF WESTBOUND FORD TO NORTHBOUND CHRYSLER TURNING ROADWAY, AND WESTBOUND FORD TO SOUTHBOUND CHRYSLER TURNING ROADWAY**

PLANS PREPARED BY  
 CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE  
 BUREAU OF HIGHWAYS AND EXPRESSWAYS

82251-C-6

22





B.P. NO.	STATE	PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
4	MICH.	7-57(1305)			
ROUTE PROJECT COUNTY CITY SHEET SHEETS					
82251 Wayne Detroit 23 23					
B.P. NO.	STATE	PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
4	MICH.				
ROUTE PROJECT COUNTY CITY SHEET SHEETS					
ADJACENT SHEETS					

C.B.M.#143 Elev. 155.728 Arrow on Hydrant NW Corner Harper Ave. and Mansur Ave.  
 C.B.M.#146 Elev. 155.610 Arrow on Hydrant N.E. Corner Harper Ave. and Russell St.  
 C.B.M.#144 Elev. 155.964 Arrow on Hydrant NW Corner Harper Ave. and Rivard St.  
 C.B.M.#147 Elev. 155.988 Arrow on Hydrant N.E. Corner Medbury Ave. and Russell St.  
 C.B.M.#145 Elev. 155.869 Arrow on Hydrant N side of Harper Ave., 255' E. of C.B.M.#144

Curve 1  
 $\Delta = 77^{\circ}54'24.70''$   
 $D = 15^{\circ}48'20.64''$   
 $R = 362.52'$   
 $T = 293.06'$   
 $L = 492.90'$   
 $E = 103.64'$   
 $PC = 26+74.19$   
 $PT = 29+67.25$   
 $PI = 31+67.09$

Curve 2  
 $\Delta = 45^{\circ}03'43.01''$   
 $D = 15^{\circ}48'20.64''$   
 $R = 362.52'$   
 $T = 293.06'$   
 $L = 492.90'$   
 $E = 103.64'$   
 $PC = 26+74.19$   
 $PT = 29+67.25$   
 $PI = 31+67.09$

Curve 3  
 $\Delta = 50^{\circ}56'10''$   
 $D = 15^{\circ}48'20.64''$   
 $R = 362.52'$   
 $T = 293.06'$   
 $L = 492.90'$   
 $E = 103.64'$   
 $PC = 26+74.19$   
 $PT = 29+67.25$   
 $PI = 31+67.09$

Curve 4  
 $\Delta = 17^{\circ}49'40.92''$   
 $D = 11^{\circ}44'28.42''$   
 $R = 487.99'$   
 $T = 76.54'$   
 $L = 151.84'$   
 $E = 5.97'$   
 $PC = 27+85.54$   
 $PT = 28+62.08$   
 $PI = 29+31.38$  (True Sta.)

Curve 5  
 $\Delta = 11^{\circ}44'28.42''$   
 $D = 17^{\circ}49'40.92''$   
 $R = 487.99'$   
 $T = 76.54'$   
 $L = 151.84'$   
 $E = 5.97'$   
 $PC = 27+85.54$   
 $PT = 28+62.08$   
 $PI = 29+31.38$  (True Sta.)

Curve 6  
 $\Delta = 77^{\circ}54'24.70''$   
 $D = 15^{\circ}48'20.64''$   
 $R = 362.52'$   
 $T = 293.06'$   
 $L = 492.90'$   
 $E = 103.64'$   
 $PC = 26+74.19$   
 $PT = 29+67.25$   
 $PI = 31+67.09$

Curve 7  
 $\Delta = 45^{\circ}03'43.01''$   
 $D = 15^{\circ}48'20.64''$   
 $R = 362.52'$   
 $T = 293.06'$   
 $L = 492.90'$   
 $E = 103.64'$   
 $PC = 26+74.19$   
 $PT = 29+67.25$   
 $PI = 31+67.09$

Curve 8  
 $\Delta = 50^{\circ}56'10''$   
 $D = 15^{\circ}48'20.64''$   
 $R = 362.52'$   
 $T = 293.06'$   
 $L = 492.90'$   
 $E = 103.64'$   
 $PC = 26+74.19$   
 $PT = 29+67.25$   
 $PI = 31+67.09$

Curve 9  
 $\Delta = 17^{\circ}49'40.92''$   
 $D = 11^{\circ}44'28.42''$   
 $R = 487.99'$   
 $T = 76.54'$   
 $L = 151.84'$   
 $E = 5.97'$   
 $PC = 27+85.54$   
 $PT = 28+62.08$   
 $PI = 29+31.38$  (True Sta.)

Curve 10  
 $\Delta = 11^{\circ}44'28.42''$   
 $D = 17^{\circ}49'40.92''$   
 $R = 487.99'$   
 $T = 76.54'$   
 $L = 151.84'$   
 $E = 5.97'$   
 $PC = 27+85.54$   
 $PT = 28+62.08$   
 $PI = 29+31.38$  (True Sta.)

Curve 11  
 $\Delta = 77^{\circ}54'24.70''$   
 $D = 15^{\circ}48'20.64''$   
 $R = 362.52'$   
 $T = 293.06'$   
 $L = 492.90'$   
 $E = 103.64'$   
 $PC = 26+74.19$   
 $PT = 29+67.25$   
 $PI = 31+67.09$

PLANS PREPARED BY  
 CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE  
 BUREAU OF HIGHWAYS AND EXPRESSWAYS

Note:  
 Survey Stationing shown in brackets thus ( ).  
 Bench Marks are on City of Detroit Datum.

ALIGNMENT OF SOUTHBOUND CHRYSLER TO  
 EASTBOUND FORD TURNING ROADWAY, AND  
 NORTHBOUND CHRYSLER TO EASTBOUND  
 FORD TURNING ROADWAY

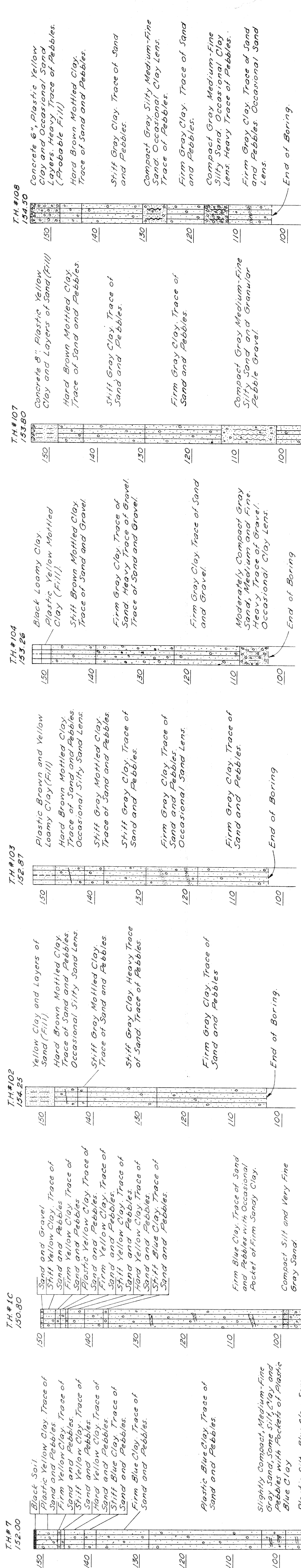
82251-C6  
 SHEET NO. 23  
 PROJECT 82251  
 DATE 7-23-1953

Scale 1"=40'

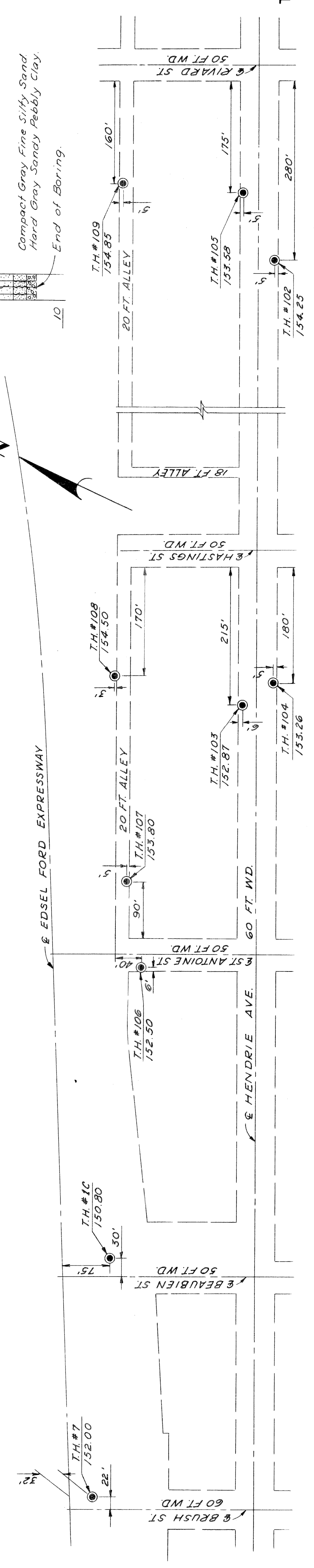
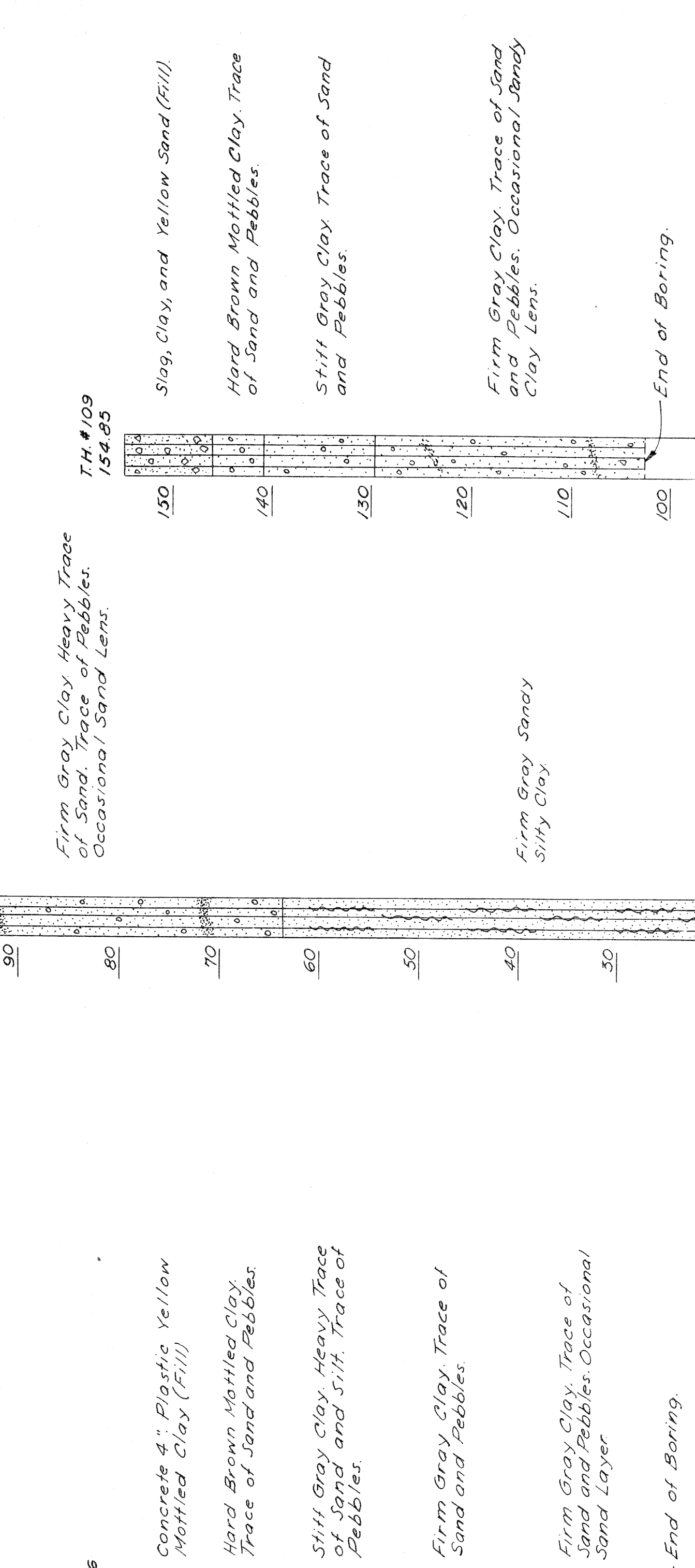


# LOG OF BORINGS

Notes: T.H.#7 and T.H.#1C show the Existing Elevations prior to the Construction of the Edsel Ford Expressway.



PLANS PREPARED BY  
 CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE  
 BUREAU OF HIGHWAYS AND EXPRESSWAYS

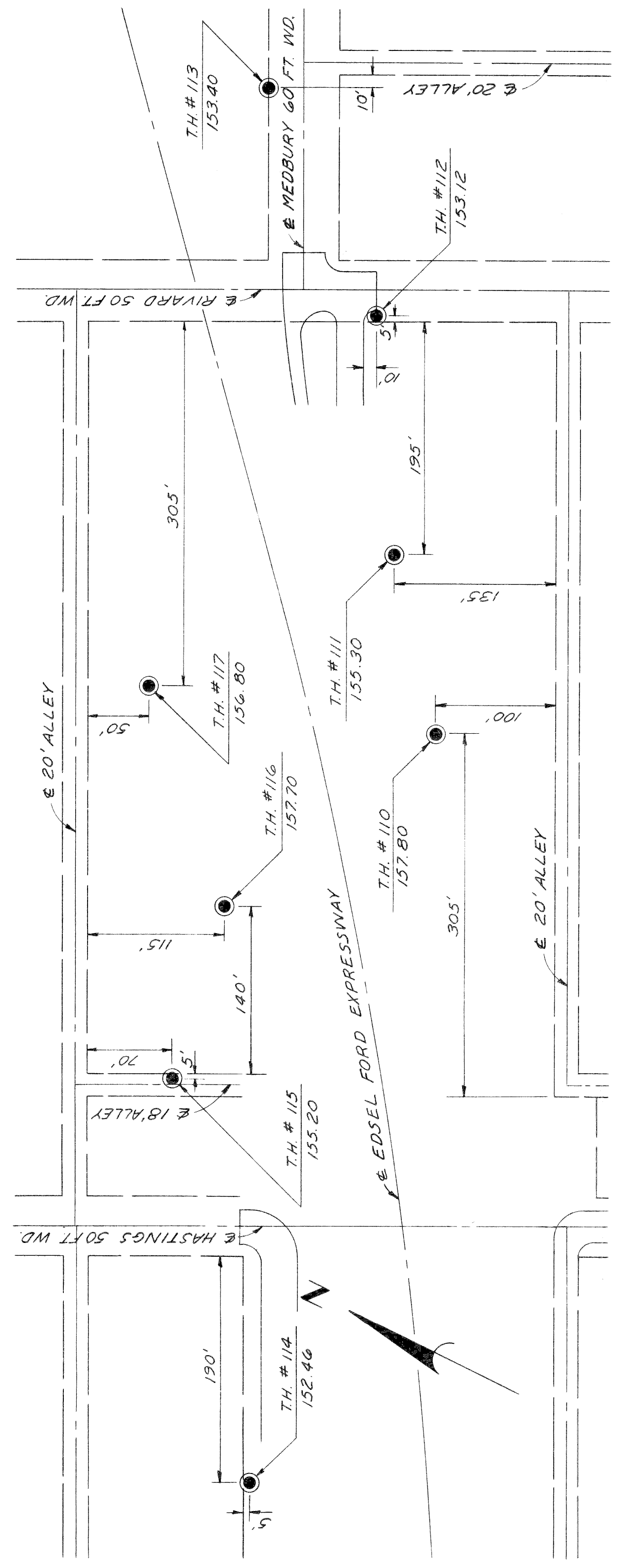
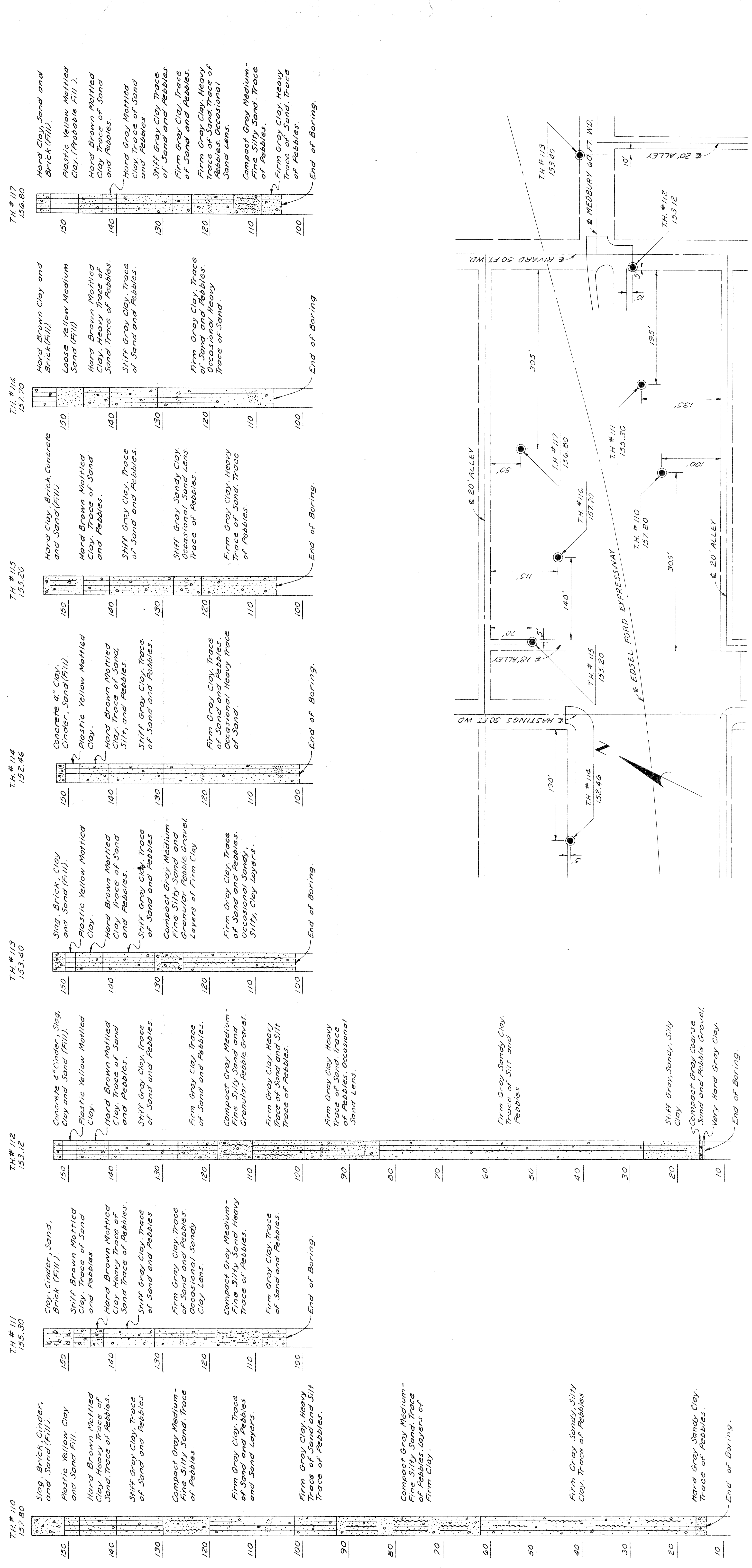


LOG OF BORINGS  
 T.H. NO. 7, 1-C, 8 102 TO T.H. NO. 109



LOG OF BORINGS

B.P. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	MICH.	175/739/13	13	25
ROUTE	CITY	COUNTY	SHEET NO.	TOTAL SHEETS
B225	Wayne	Detroit	25	25
B.P. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	MICH.	175/739/13	13	25
ROUTE	CITY	COUNTY	SHEET NO.	TOTAL SHEETS
B225	Wayne	Detroit	25	25



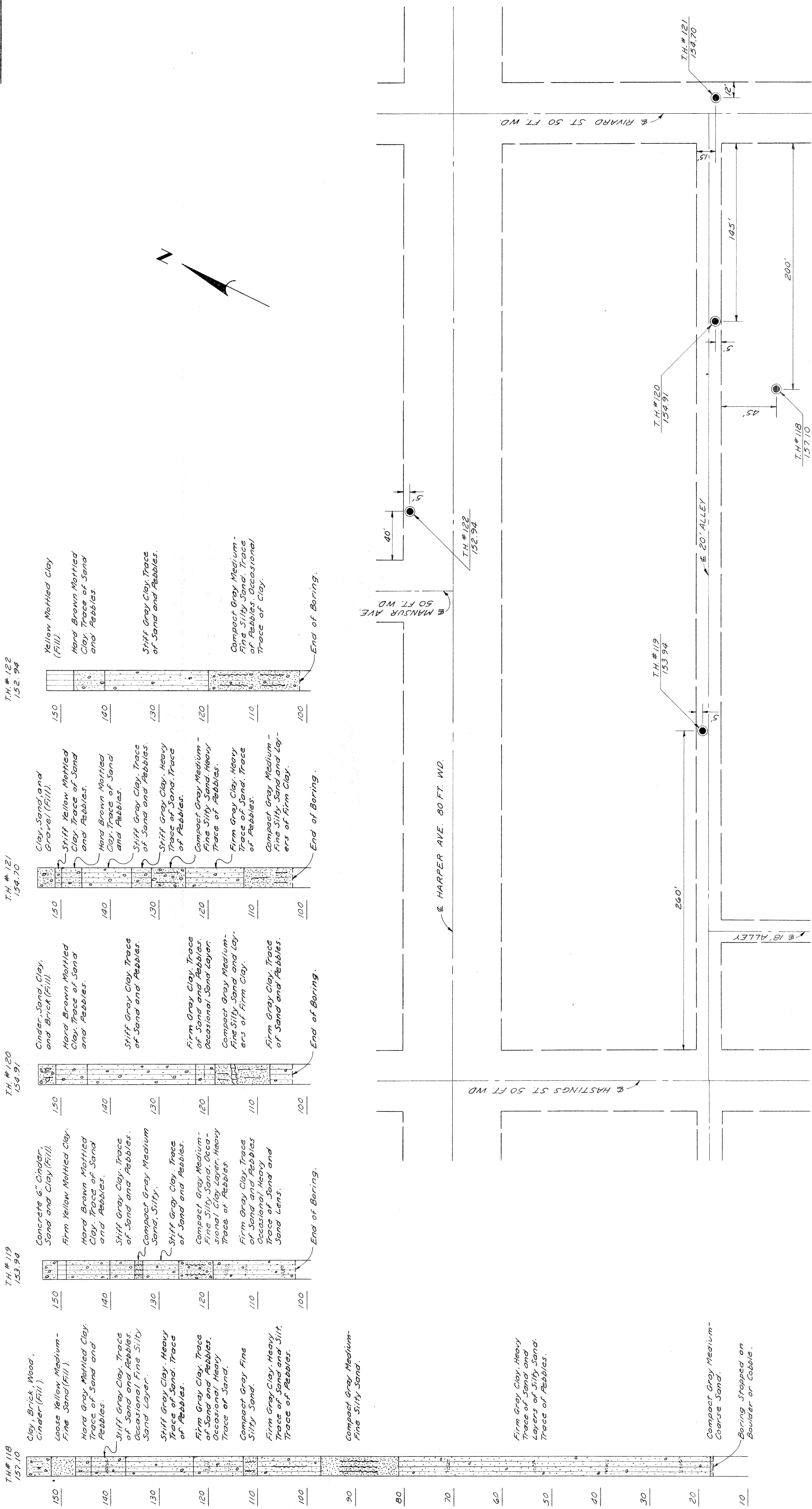
PLANS PREPARED BY  
 CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE  
 BUREAU OF HIGHWAYS AND EXPRESSWAYS

LOG OF BORINGS  
 T.H. NO. 110 TO T.H. NO. 117



# LOG OF BORINGS

DIV. NO.	STATE	PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
4	MICH.	172-13423			
ROUTE	CITY	COUNTY	PROJECT	SHEET NO.	TOTAL SHEETS
22251	Wayne	Detroit		26	
DIV. NO.	STATE	PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
4	MICH.				
ROUTE	CITY	COUNTY	PROJECT	SHEET NO.	TOTAL SHEETS



PLANS PREPARED BY  
CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE  
BUREAU OF HIGHWAYS AND EXPRESSWAYS

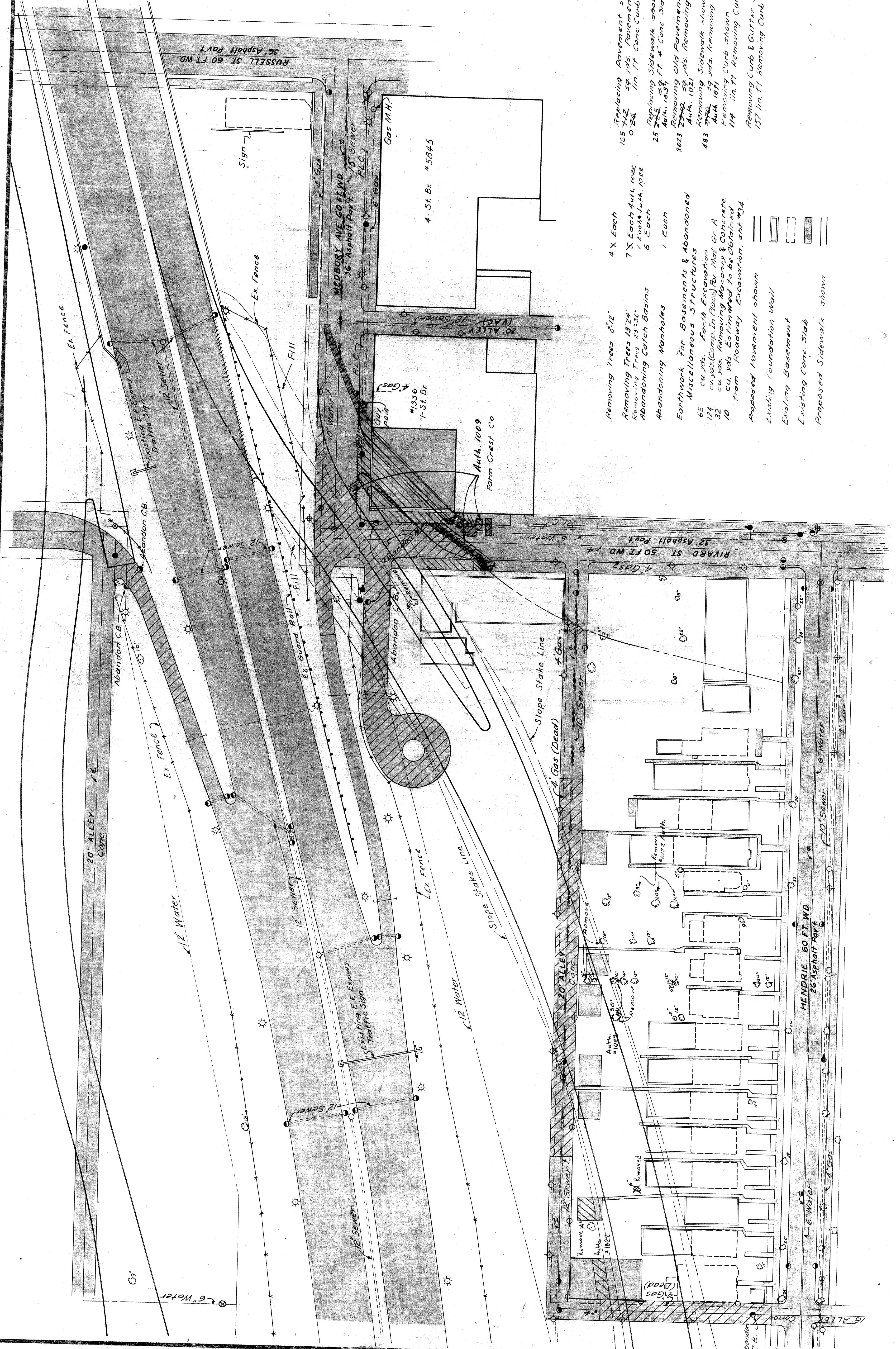
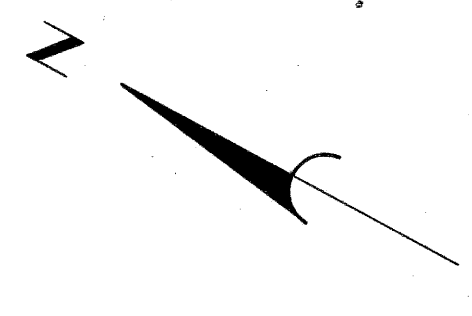
LOG OF BORINGS  
T.H. NO. 118 TO T.H. NO. 122







STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
MICH.	1-25-73(24)23	1	2
CITY	CITY	SHEET NO.	TOTAL SHEETS
Wayne Detroit	Wayne Detroit	2B	2B
ROUTE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
82251	1-25-73(24)23	1	2
CITY	CITY	SHEET NO.	TOTAL SHEETS
Wayne Detroit	Wayne Detroit	2B	2B



- Replacing Pavement shown
- 165 7/2 3p yds. Pavement Replacement Auth. 1015
- 0 2 1/2 1 1/2 Conc. Curb Detail 24 Aid on Sh. 50A
- 25 2 1/2 3p yds. Conc. Sidewalk
- 3023 2 1/2 3p yds. Conc. Sidewalk
- 483 3 1/2 3p yds. Conc. Sidewalk
- 114 1 1/2 1 1/2 Conc. Sidewalk
- 157 1 1/2 1 1/2 Conc. Sidewalk

- Removing Trees 8-12"
- 7 X Each Auth. 1022
- 1 Each Auth. 1022
- Abandoning Catch Basins
- 6 Each
- Abandoning Manholes
- 1 Each
- Earthwork For Basements & Abandoned
- Miscellaneous Structures
- 65 cu yds. Earth Excavation
- 124 cu yds. (Comp. In Place) Base Mat Gr. A
- 32 cu yds. Removing Masonry & Concrete
- 10 cu yds. Estimated to be Obtained from Roadway Excavation. sht. 234
- Proposed Pavement shown
- Existing Foundation Wall
- Existing Basement
- Existing Conc. Slab
- Proposed Sidewalk shown

REMOVAL ITEMS

PLANS PREPARED BY  
 CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE  
 BUREAU OF HIGHWAYS AND EXPR. SWAYS

PLAN DESIGNED BY  
 KILPENA  
 CHECKED BY  
 KILPENA  
 APPROVED FOR APPROVAL  
 A. PRAGER  
 KILPENA-NICHOLS  
 KILPENA-NICHOLS  
 KILPENA-NICHOLS  
 KILPENA-NICHOLS

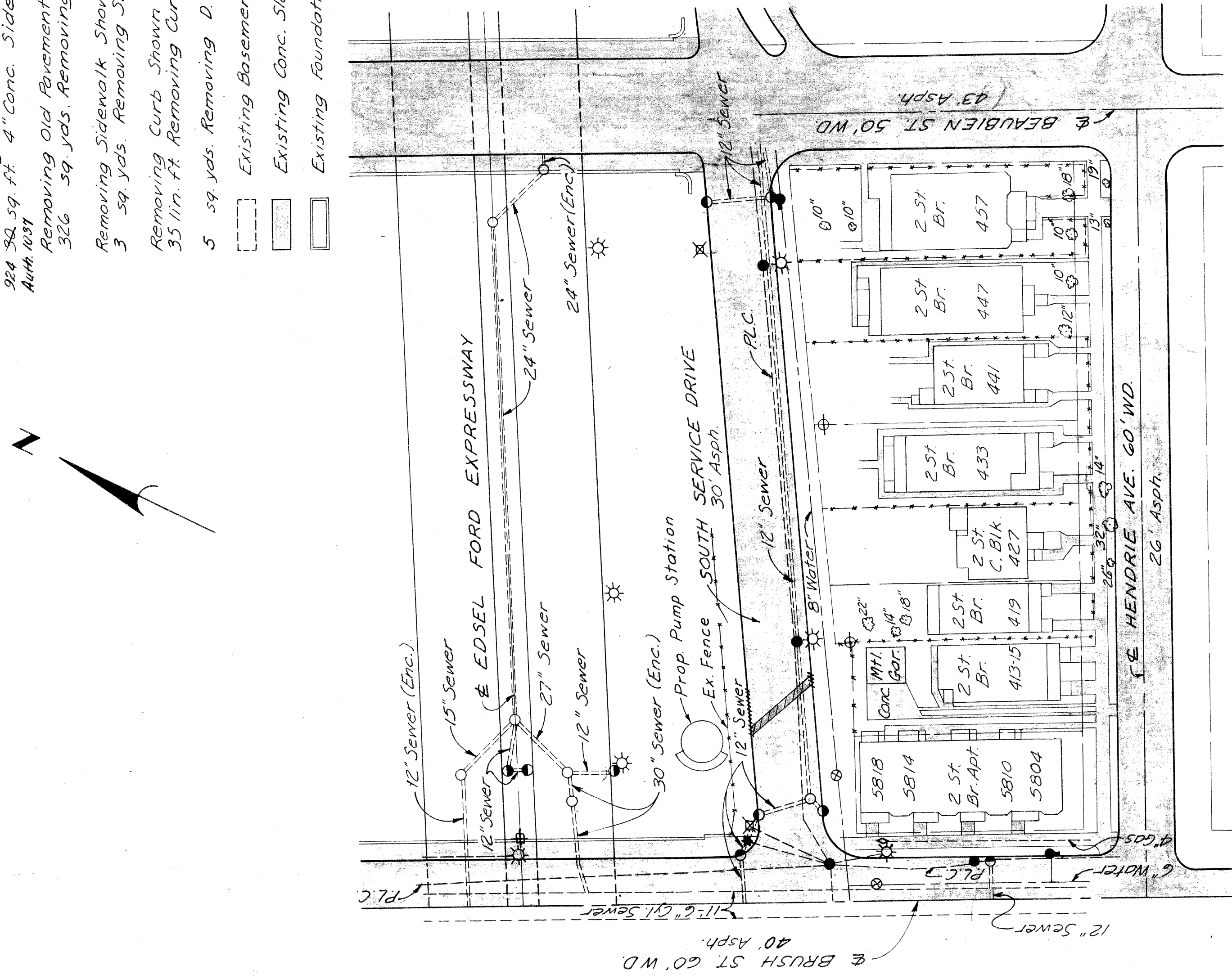
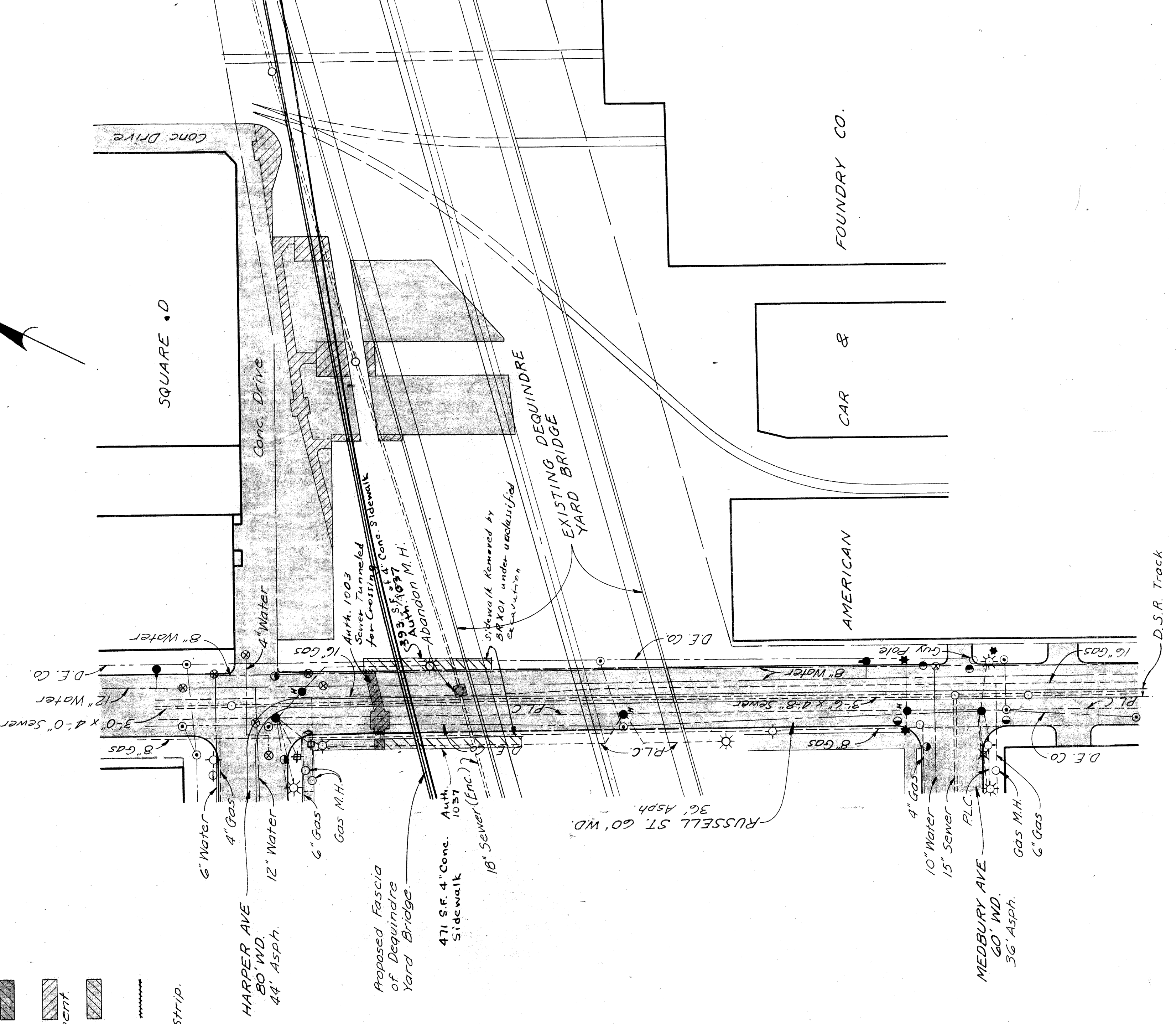






STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
MICH.	755/19252	30	30
CITY	COUNTY	SHEET NO.	TOTAL SHEETS
Wayne	Detroit	30	30
PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
82251		30	30
ROUTE	CITY	SHEET NO.	TOTAL SHEETS
PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
ROUTE	CITY	SHEET NO.	TOTAL SHEETS

- Abandoning M.H. 1 Each  
 12 cu yds. (Comp. In Place) for Mat. Gr.A.
- Replacing Pavement Shown  
 43 sq. yds. Pavement Replacement  
 10 lin. ft. Conc. Curb, Detail 2A.  
 10 lin. ft. Conc. Curb, Detail 2.  
 Replacing Sidewalk Shown  
 924 sq. ft. 4" Conc. Sidewalk  
 Auth. 1037
- Removing Old Pavement Shown  
 326 sq. yds. Removing Old Pavement.
- Removing Sidewalk Shown  
 3 sq. yds. Removing Sidewalk.
- Removing Curb Shown  
 35 lin. ft. Removing Curb.
- 5 sq. yds. Removing D.S.R. Track Strip.
- Existing Basement.  
 Existing Conc. Slab.  
 Existing Foundation.



PLANS PREPARED BY  
 CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE  
 BUREAU OF HIGHWAYS AND EXPRESSWAYS

DATE	BY	REVISION
1.60	NICHOLS	PLAN DESIGNED
1.60	WOLKAN	PLAN DRAWN
1.60	NICHOLS-KATTUHN	PLAN CHECKED
1.60	A. F. RAJBLE	ROUND TABLE
2.60	K. H. F. SCHMIDT	RECOMMENDED FOR APPROVAL

REMOVAL ITEMS

82251-C6  
 PROJECT PROGRAM SHEET  
 82251 1-57/19252 30



STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
MICH.	122-12023	37	37
CITY	122-12023	37	37

**CURVE DATA FOR EASTBOUND EDEL FORD DETOUR**

Curve No.	Stationing	Length	Radius	Delta	PC	PT	PI
1	41+50 to 43+06	156'	1725'	193°	41+50	43+06	42+28
2	43+06 to 45+51	245'	1725'	193°	43+06	45+51	44+28
3	45+51 to 48+46	295'	1725'	193°	45+51	48+46	47+48
4	48+46 to 51+41	305'	1725'	193°	48+46	51+41	49+93
5	51+41 to 54+36	305'	1725'	193°	51+41	54+36	52+88
6	54+36 to 57+31	305'	1725'	193°	54+36	57+31	55+83
7	57+31 to 60+26	305'	1725'	193°	57+31	60+26	58+78
8	60+26 to 63+21	305'	1725'	193°	60+26	63+21	61+73
9	63+21 to 66+16	305'	1725'	193°	63+21	66+16	64+68
10	66+16 to 69+11	305'	1725'	193°	66+16	69+11	67+63
11	69+11 to 72+06	305'	1725'	193°	69+11	72+06	70+58
12	72+06 to 75+01	305'	1725'	193°	72+06	75+01	73+53
13	75+01 to 77+96	305'	1725'	193°	75+01	77+96	76+48
14	77+96 to 80+91	305'	1725'	193°	77+96	80+91	79+43
15	80+91 to 83+86	305'	1725'	193°	80+91	83+86	82+38
16	83+86 to 86+81	305'	1725'	193°	83+86	86+81	85+33
17	86+81 to 89+76	305'	1725'	193°	86+81	89+76	88+28
18	89+76 to 92+71	305'	1725'	193°	89+76	92+71	91+23
19	92+71 to 95+66	305'	1725'	193°	92+71	95+66	94+18
20	95+66 to 98+61	305'	1725'	193°	95+66	98+61	97+13
21	98+61 to 101+56	305'	1725'	193°	98+61	101+56	100+08
22	101+56 to 104+51	305'	1725'	193°	101+56	104+51	103+03
23	104+51 to 107+46	305'	1725'	193°	104+51	107+46	105+98
24	107+46 to 110+41	305'	1725'	193°	107+46	110+41	108+93
25	110+41 to 113+36	305'	1725'	193°	110+41	113+36	111+88
26	113+36 to 116+31	305'	1725'	193°	113+36	116+31	114+83
27	116+31 to 119+26	305'	1725'	193°	116+31	119+26	117+78
28	119+26 to 122+21	305'	1725'	193°	119+26	122+21	120+73
29	122+21 to 125+16	305'	1725'	193°	122+21	125+16	123+68
30	125+16 to 128+11	305'	1725'	193°	125+16	128+11	126+63
31	128+11 to 131+06	305'	1725'	193°	128+11	131+06	129+58
32	131+06 to 134+01	305'	1725'	193°	131+06	134+01	132+53
33	134+01 to 136+96	305'	1725'	193°	134+01	136+96	135+48
34	136+96 to 139+91	305'	1725'	193°	136+96	139+91	138+43
35	139+91 to 142+86	305'	1725'	193°	139+91	142+86	141+38
36	142+86 to 145+81	305'	1725'	193°	142+86	145+81	144+33
37	145+81 to 148+76	305'	1725'	193°	145+81	148+76	147+28
38	148+76 to 151+71	305'	1725'	193°	148+76	151+71	150+23
39	151+71 to 154+66	305'	1725'	193°	151+71	154+66	153+18
40	154+66 to 157+61	305'	1725'	193°	154+66	157+61	156+13
41	157+61 to 160+56	305'	1725'	193°	157+61	160+56	159+08
42	160+56 to 163+51	305'	1725'	193°	160+56	163+51	161+03
43	163+51 to 166+46	305'	1725'	193°	163+51	166+46	163+98
44	166+46 to 169+41	305'	1725'	193°	166+46	169+41	166+93
45	169+41 to 172+36	305'	1725'	193°	169+41	172+36	169+88
46	172+36 to 175+31	305'	1725'	193°	172+36	175+31	172+83
47	175+31 to 178+26	305'	1725'	193°	175+31	178+26	175+78
48	178+26 to 181+21	305'	1725'	193°	178+26	181+21	178+73
49	181+21 to 184+16	305'	1725'	193°	181+21	184+16	181+68
50	184+16 to 187+11	305'	1725'	193°	184+16	187+11	184+63
51	187+11 to 190+06	305'	1725'	193°	187+11	190+06	187+58
52	190+06 to 193+01	305'	1725'	193°	190+06	193+01	190+53
53	193+01 to 195+96	305'	1725'	193°	193+01	195+96	193+48
54	195+96 to 198+91	305'	1725'	193°	195+96	198+91	196+43
55	198+91 to 201+86	305'	1725'	193°	198+91	201+86	199+38
56	201+86 to 204+81	305'	1725'	193°	201+86	204+81	202+33
57	204+81 to 207+76	305'	1725'	193°	204+81	207+76	205+28
58	207+76 to 210+71	305'	1725'	193°	207+76	210+71	208+23
59	210+71 to 213+66	305'	1725'	193°	210+71	213+66	211+18
60	213+66 to 216+61	305'	1725'	193°	213+66	216+61	214+13
61	216+61 to 219+56	305'	1725'	193°	216+61	219+56	217+08
62	219+56 to 222+51	305'	1725'	193°	219+56	222+51	220+03
63	222+51 to 225+46	305'	1725'	193°	222+51	225+46	222+98
64	225+46 to 228+41	305'	1725'	193°	225+46	228+41	225+93
65	228+41 to 231+36	305'	1725'	193°	228+41	231+36	228+88
66	231+36 to 234+31	305'	1725'	193°	231+36	234+31	231+83
67	234+31 to 237+26	305'	1725'	193°	234+31	237+26	234+78
68	237+26 to 240+21	305'	1725'	193°	237+26	240+21	237+73
69	240+21 to 243+16	305'	1725'	193°	240+21	243+16	240+68
70	243+16 to 246+11	305'	1725'	193°	243+16	246+11	243+63
71	246+11 to 249+06	305'	1725'	193°	246+11	249+06	246+58
72	249+06 to 252+01	305'	1725'	193°	249+06	252+01	249+53
73	252+01 to 254+96	305'	1725'	193°	252+01	254+96	253+48
74	254+96 to 257+91	305'	1725'	193°	254+96	257+91	256+43
75	257+91 to 260+86	305'	1725'	193°	257+91	260+86	259+38
76	260+86 to 263+81	305'	1725'	193°	260+86	263+81	262+33
77	263+81 to 266+76	305'	1725'	193°	263+81	266+76	265+28
78	266+76 to 269+71	305'	1725'	193°	266+76	269+71	268+23
79	269+71 to 272+66	305'	1725'	193°	269+71	272+66	271+18
80	272+66 to 275+61	305'	1725'	193°	272+66	275+61	274+13
81	275+61 to 278+56	305'	1725'	193°	275+61	278+56	277+08
82	278+56 to 281+51	305'	1725'	193°	278+56	281+51	280+03
83	281+51 to 284+46	305'	1725'	193°	281+51	284+46	282+98
84	284+46 to 287+41	305'	1725'	193°	284+46	287+41	285+93
85	287+41 to 290+36	305'	1725'	193°	287+41	290+36	288+88
86	290+36 to 293+31	305'	1725'	193°	290+36	293+31	291+83
87	293+31 to 296+26	305'	1725'	193°	293+31	296+26	294+78
88	296+26 to 299+21	305'	1725'	193°	296+26	299+21	297+73
89	299+21 to 302+16	305'	1725'	193°	299+21	302+16	300+68
90	302+16 to 305+11	305'	1725'	193°	302+16	305+11	303+63
91	305+11 to 308+06	305'	1725'	193°	305+11	308+06	306+58
92	308+06 to 311+01	305'	1725'	193°	308+06	311+01	309+53
93	311+01 to 313+96	305'	1725'	193°	311+01	313+96	312+48
94	313+96 to 316+91	305'	1725'	193°	313+96	316+91	315+43
95	316+91 to 319+86	305'	1725'	193°	316+91	319+86	318+38
96	319+86 to 322+81	305'	1725'	193°	319+86	322+81	321+33
97	322+81 to 325+76	305'	1725'	193°	322+81	325+76	324+28
98	325+76 to 328+71	305'	1725'	193°	325+76	328+71	327+23
99	328+71 to 331+66	305'	1725'	193°	328+71	331+66	330+18
100	331+66 to 334+61	305'	1725'	193°	331+66	334+61	333+13
101	334+61 to 337+56	305'	1725'	193°	334+61	337+56	336+08
102	337+56 to 340+51	305'	1725'	193°	337+56	340+51	338+03
103	340+51 to 343+46	305'	1725'	193°	340+51	343+46	340+98
104	343+46 to 346+41	305'	1725'	193°	343+46	346+41	343+93
105	346+41 to 349+36	305'	1725'	193°	346+41	349+36	346+88
106	349+36 to 352+31	305'	1725'	193°	349+36	352+31	349+83
107	352+31 to 355+26	305'	1725'	193°	352+31	355+26	352+78
108	355+26 to 358+21	305'	1725'	193°	355+26	358+21	355+73
109	358+21 to 361+16	305'	1725'	193°	358+21	361+16	358+68
110	361+16 to 364+11	305'	1725'	193°	361+16	364+11	361+63
111	364+11 to 367+06	305'	1725'	193°	364+11	367+06	364+58
112	367+06 to 370+01	305'	1725'	193°	367+06	370+01	367+53
113	370+01 to 372+96	305'	1725'	193°	370+01	372+96	371+48
114	372+96 to 375+91	305'	1725'	193°	372+96	375+91	374+43
115	375+91 to 378+86	305'	1725'	193°	375+91	378+86	377+38
116	378+86 to 381+81	305'	1725'	193°	378+86	381+81	380+33
117	381+81 to 384+76	305'	1725'	193°	381+81	384+76	383+28
118	384+76 to 387+71	305'	1725'	193°	384+76	387+71	386+23
119	387+71 to 390+66	305'	1725'	193°	387+71	390+66	389+18
120	390+66 to 393+61	305'	1725'	193°	390+66	393+61	392+13
121	393+61 to 396+56	305'	1725'	193°	393+61	396+56	395+08
122	396+56 to 399+51	305'	1725'	193			







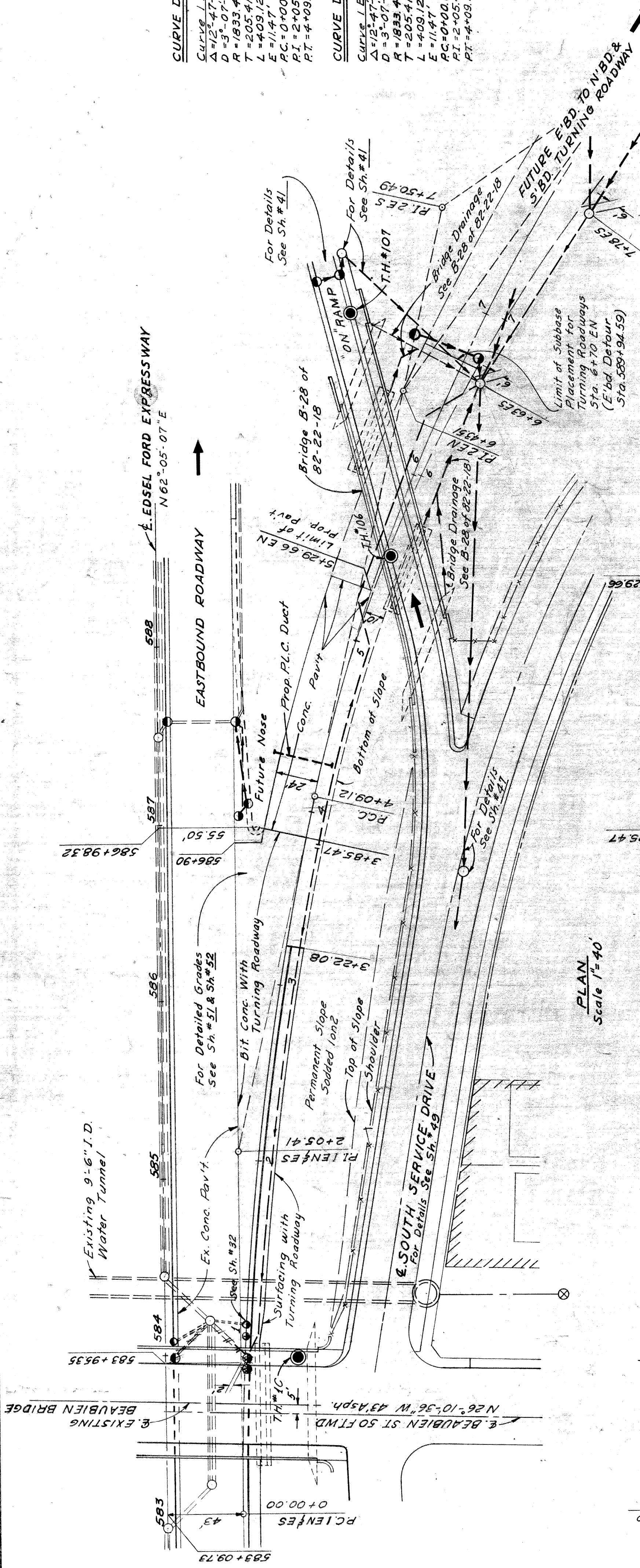
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
MI.	72-3423		
COUNTY	CITY	SUBSET SHEETS	TOTAL SHEETS
Wayne	Detroit	33	

**CURVE DATA E'BD TO N'BD TURNING ROADWAY**

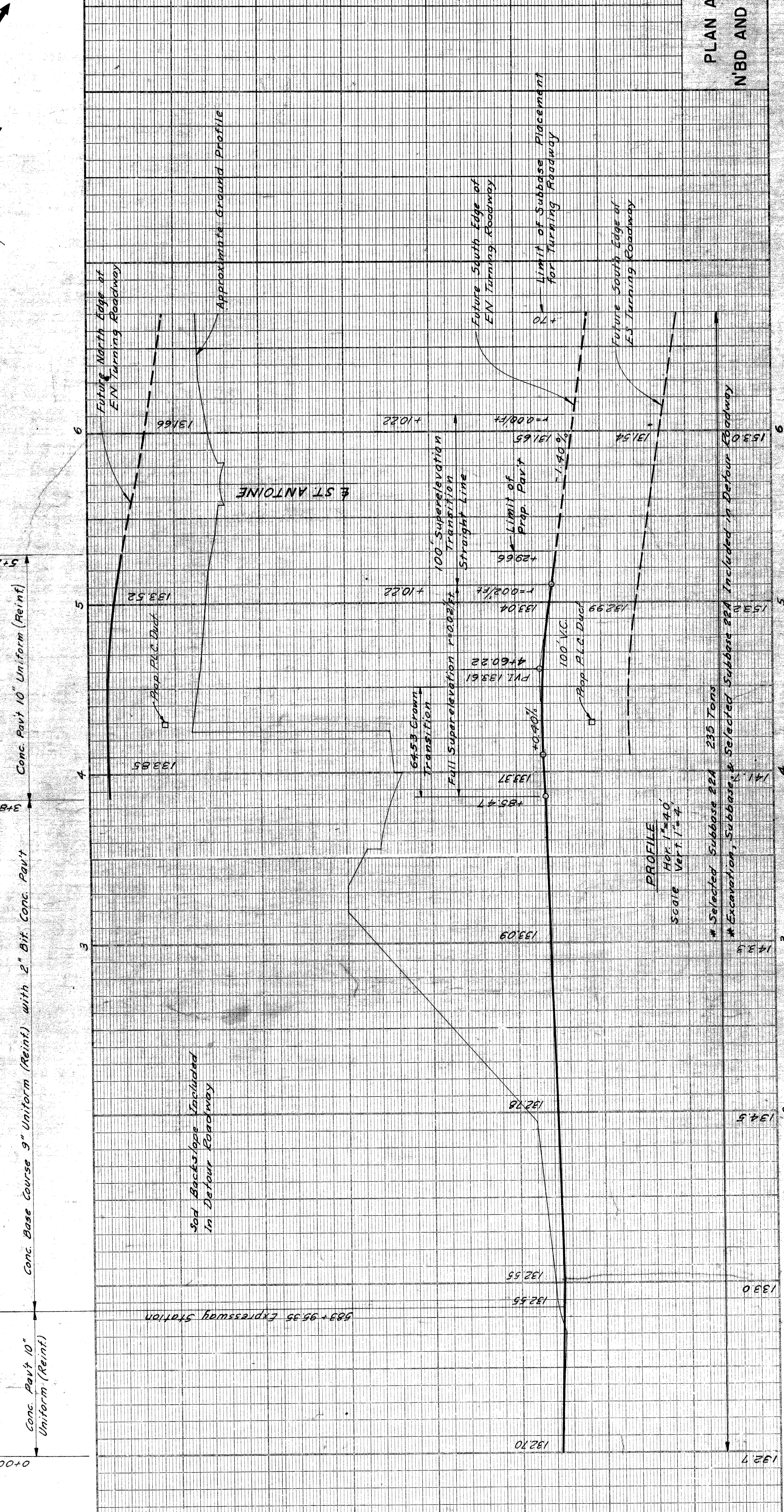
Curve L.E.S.  
 $\Delta = 23^{\circ}10'36''$   
 $D = 310'00''$   
 $R = 1833.47'$   
 $T = 234.39'$   
 $L = 462.36'$   
 $E = 23.78'$   
 $PC = 4+09.12$  (P.C. 2EN)  
 $PT = 4+09.12$  (P.C. 2EN)

**CURVE DATA E'BD TO S'BD TURNING ROADWAY**

Curve L.E.S.  
 $\Delta = 12^{\circ}47'06''$   
 $D = 463'30''$   
 $R = 867.46'$   
 $T = 341.37'$   
 $L = 650.44'$   
 $E = 64.75'$   
 $PC = 4+09.12$  (P.T. 1ES)  
 $PT = 4+09.12$  (P.C. 2ES)



Note: Sections of the E'BD to N'BD & S'BD Turning Roadways will be used for the Eastbound Edsel Ford Detour. For Details See Sh #31. For Details of Drainage See Sh #31.



**PLAN AND PROFILE FOR E'BD FORD TO N'BD AND S'BD CHRYSLER TURNING ROADWAYS**

PROJECT NO. 72-3423  
 SHEET NO. 33

PLANS PREPARED BY  
 CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE  
 BUREAU OF HIGHWAYS AND TOWNS

OPERATION	DATE
PRELIMINARY R.O.W. CHECKED	
FINAL DESIGN CHECKED	
FINAL DESIGN	
TRAFFIC	
QUANTITIES CHECKED	
FINAL R.O.W. CHECK	
QUANTITIES	
GRAB INSPECTION	
FEDERAL INSPECTION	

OPERATION	DATE
PLANS PLOTTED	
PLAN CHECKED	
PROFILE PLOTTED	
PROFILE CHECKED	
FIELD CHECKED	
FIELD INSPECTION	
GRAB INSPECTION	
FEDERAL INSPECTION	

WICKY BREED  
 GOREYK KENZLER  
 WICKY BREED  
 M. R. L. A.  
 DATE: 1/10/51





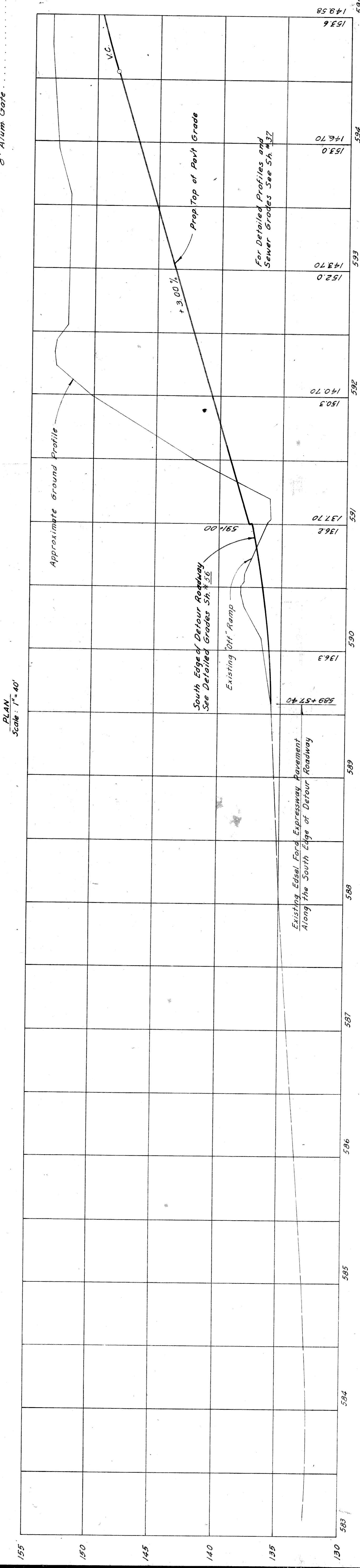
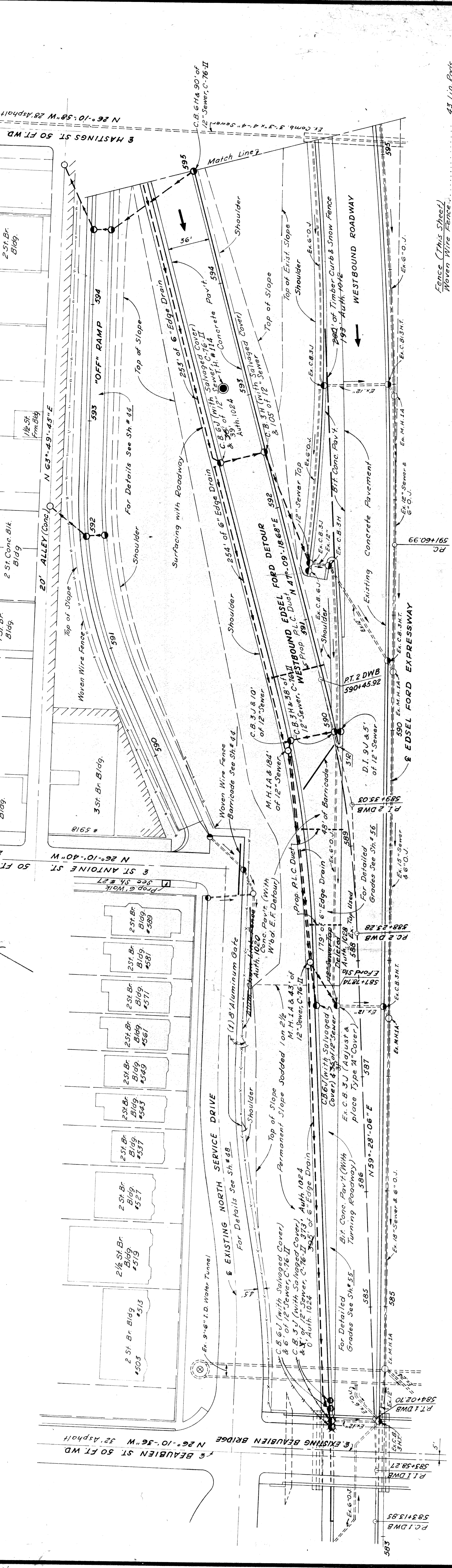






**CURVE DATA FOR WESTBOUND EDSSEL FORD DETOUR**

Curve	DWB	PC	PT	Length	Grade
1	583+00.00	583+00.00	583+00.00	0.00	0.00%
2	583+00.00	583+00.00	583+00.00	0.00	0.00%
3	583+00.00	583+00.00	583+00.00	0.00	0.00%
4	583+00.00	583+00.00	583+00.00	0.00	0.00%
5	583+00.00	583+00.00	583+00.00	0.00	0.00%
6	583+00.00	583+00.00	583+00.00	0.00	0.00%
7	583+00.00	583+00.00	583+00.00	0.00	0.00%
8	583+00.00	583+00.00	583+00.00	0.00	0.00%
9	583+00.00	583+00.00	583+00.00	0.00	0.00%
10	583+00.00	583+00.00	583+00.00	0.00	0.00%
11	583+00.00	583+00.00	583+00.00	0.00	0.00%
12	583+00.00	583+00.00	583+00.00	0.00	0.00%
13	583+00.00	583+00.00	583+00.00	0.00	0.00%
14	583+00.00	583+00.00	583+00.00	0.00	0.00%
15	583+00.00	583+00.00	583+00.00	0.00	0.00%
16	583+00.00	583+00.00	583+00.00	0.00	0.00%
17	583+00.00	583+00.00	583+00.00	0.00	0.00%
18	583+00.00	583+00.00	583+00.00	0.00	0.00%
19	583+00.00	583+00.00	583+00.00	0.00	0.00%
20	583+00.00	583+00.00	583+00.00	0.00	0.00%
21	583+00.00	583+00.00	583+00.00	0.00	0.00%
22	583+00.00	583+00.00	583+00.00	0.00	0.00%
23	583+00.00	583+00.00	583+00.00	0.00	0.00%
24	583+00.00	583+00.00	583+00.00	0.00	0.00%
25	583+00.00	583+00.00	583+00.00	0.00	0.00%
26	583+00.00	583+00.00	583+00.00	0.00	0.00%
27	583+00.00	583+00.00	583+00.00	0.00	0.00%
28	583+00.00	583+00.00	583+00.00	0.00	0.00%
29	583+00.00	583+00.00	583+00.00	0.00	0.00%
30	583+00.00	583+00.00	583+00.00	0.00	0.00%
31	583+00.00	583+00.00	583+00.00	0.00	0.00%
32	583+00.00	583+00.00	583+00.00	0.00	0.00%
33	583+00.00	583+00.00	583+00.00	0.00	0.00%
34	583+00.00	583+00.00	583+00.00	0.00	0.00%
35	583+00.00	583+00.00	583+00.00	0.00	0.00%
36	583+00.00	583+00.00	583+00.00	0.00	0.00%
37	583+00.00	583+00.00	583+00.00	0.00	0.00%
38	583+00.00	583+00.00	583+00.00	0.00	0.00%
39	583+00.00	583+00.00	583+00.00	0.00	0.00%
40	583+00.00	583+00.00	583+00.00	0.00	0.00%
41	583+00.00	583+00.00	583+00.00	0.00	0.00%
42	583+00.00	583+00.00	583+00.00	0.00	0.00%
43	583+00.00	583+00.00	583+00.00	0.00	0.00%
44	583+00.00	583+00.00	583+00.00	0.00	0.00%
45	583+00.00	583+00.00	583+00.00	0.00	0.00%
46	583+00.00	583+00.00	583+00.00	0.00	0.00%
47	583+00.00	583+00.00	583+00.00	0.00	0.00%
48	583+00.00	583+00.00	583+00.00	0.00	0.00%
49	583+00.00	583+00.00	583+00.00	0.00	0.00%
50	583+00.00	583+00.00	583+00.00	0.00	0.00%
51	583+00.00	583+00.00	583+00.00	0.00	0.00%
52	583+00.00	583+00.00	583+00.00	0.00	0.00%
53	583+00.00	583+00.00	583+00.00	0.00	0.00%
54	583+00.00	583+00.00	583+00.00	0.00	0.00%
55	583+00.00	583+00.00	583+00.00	0.00	0.00%
56	583+00.00	583+00.00	583+00.00	0.00	0.00%
57	583+00.00	583+00.00	583+00.00	0.00	0.00%
58	583+00.00	583+00.00	583+00.00	0.00	0.00%
59	583+00.00	583+00.00	583+00.00	0.00	0.00%
60	583+00.00	583+00.00	583+00.00	0.00	0.00%
61	583+00.00	583+00.00	583+00.00	0.00	0.00%
62	583+00.00	583+00.00	583+00.00	0.00	0.00%
63	583+00.00	583+00.00	583+00.00	0.00	0.00%
64	583+00.00	583+00.00	583+00.00	0.00	0.00%
65	583+00.00	583+00.00	583+00.00	0.00	0.00%
66	583+00.00	583+00.00	583+00.00	0.00	0.00%
67	583+00.00	583+00.00	583+00.00	0.00	0.00%
68	583+00.00	583+00.00	583+00.00	0.00	0.00%
69	583+00.00	583+00.00	583+00.00	0.00	0.00%
70	583+00.00	583+00.00	583+00.00	0.00	0.00%
71	583+00.00	583+00.00	583+00.00	0.00	0.00%
72	583+00.00	583+00.00	583+00.00	0.00	0.00%
73	583+00.00	583+00.00	583+00.00	0.00	0.00%
74	583+00.00	583+00.00	583+00.00	0.00	0.00%
75	583+00.00	583+00.00	583+00.00	0.00	0.00%
76	583+00.00	583+00.00	583+00.00	0.00	0.00%
77	583+00.00	583+00.00	583+00.00	0.00	0.00%
78	583+00.00	583+00.00	583+00.00	0.00	0.00%
79	583+00.00	583+00.00	583+00.00	0.00	0.00%
80	583+00.00	583+00.00	583+00.00	0.00	0.00%
81	583+00.00	583+00.00	583+00.00	0.00	0.00%
82	583+00.00	583+00.00	583+00.00	0.00	0.00%
83	583+00.00	583+00.00	583+00.00	0.00	0.00%
84	583+00.00	583+00.00	583+00.00	0.00	0.00%
85	583+00.00	583+00.00	583+00.00	0.00	0.00%
86	583+00.00	583+00.00	583+00.00	0.00	0.00%
87	583+00.00	583+00.00	583+00.00	0.00	0.00%
88	583+00.00	583+00.00	583+00.00	0.00	0.00%
89	583+00.00	583+00.00	583+00.00	0.00	0.00%
90	583+00.00	583+00.00	583+00.00	0.00	0.00%
91	583+00.00	583+00.00	583+00.00	0.00	0.00%
92	583+00.00	583+00.00	583+00.00	0.00	0.00%
93	583+00.00	583+00.00	583+00.00	0.00	0.00%
94	583+00.00	583+00.00	583+00.00	0.00	0.00%
95	583+00.00	583+00.00	583+00.00	0.00	0.00%
96	583+00.00	583+00.00	583+00.00	0.00	0.00%
97	583+00.00	583+00.00	583+00.00	0.00	0.00%
98	583+00.00	583+00.00	583+00.00	0.00	0.00%
99	583+00.00	583+00.00	583+00.00	0.00	0.00%
100	583+00.00	583+00.00	583+00.00	0.00	0.00%



Fence (This Street)  
 Woven Wire Fence  
 Alum. Chain Link Fence (4'-0" high, 24" x 36" Lin. Ft. Auth. 1020)  
 8' Alum. Gate

PLAN  
 Scale: 1" = 40'

PROFILE  
 Hor. 1" = 40'  
 Vert. 1" = 4'

W'BD. DETOUR ITEMS  
 STA. 583+13.83 TO STA. 595+00

82251-C6

PLANS PREPARED BY  
 CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS' OFFICE  
 BUREAU OF HIGHWAYS AND EXPRESSWAYS

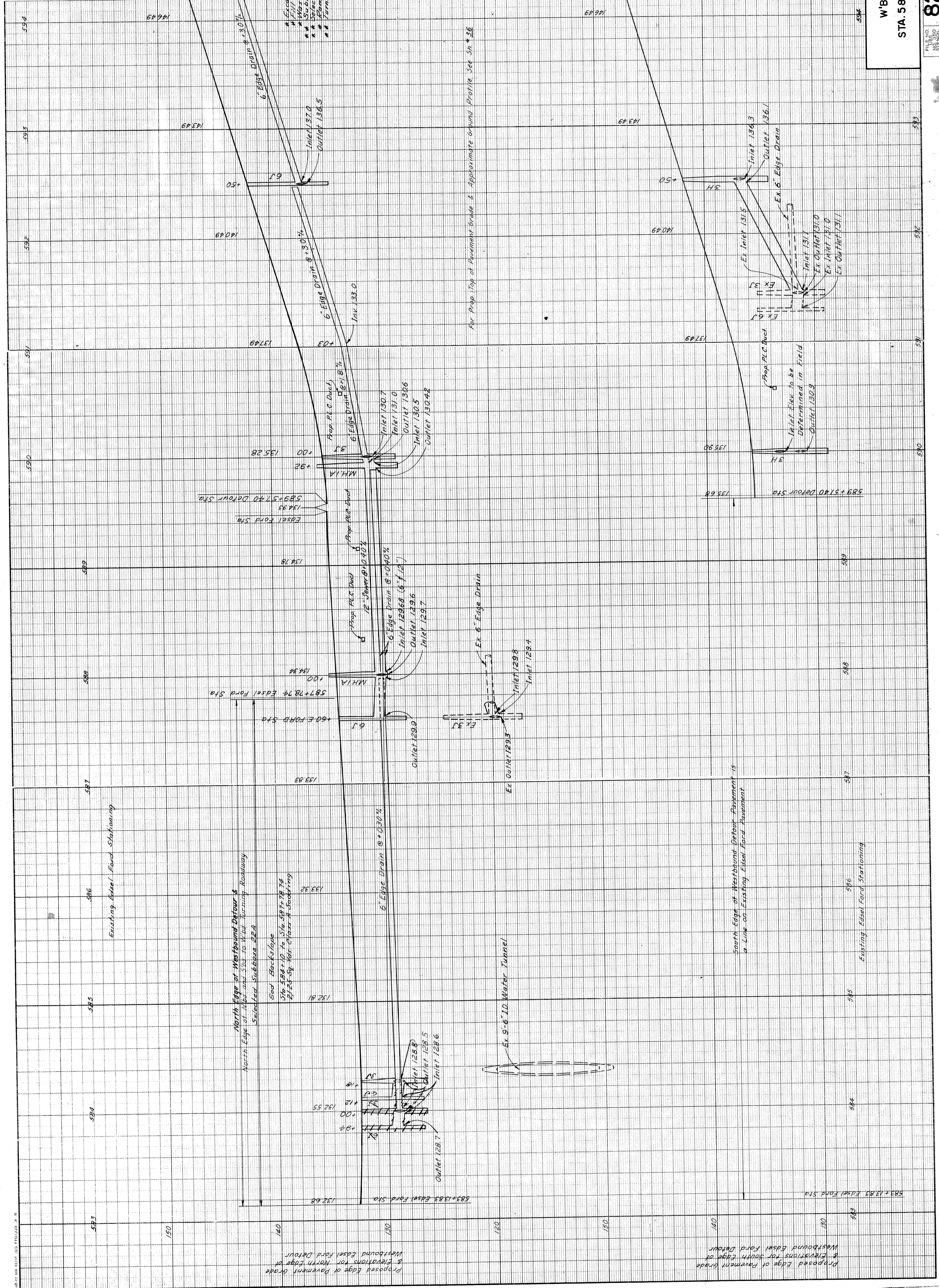
PLANS DESIGNED	W. H. MCGRAW
PLANS CHECKED	J. M. BREED
SOULD CHECKED	J. M. BREED
RECOMMENDED FOR APPROVAL	M. H. MCGRAW



STATE	PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
MICH.	175/13023		37	37
COUNTY	WAYNE	CITY		
ROUTE	82251	WAYNE DETOUR		
STATE	PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
MICH.				
COUNTY				
ROUTE				

WBD DETOUR PROFILES  
 STA. 583+13.83 TO STA. 595+00

FILE NO. 82251-1  
 SHEET NO. 37  
 TOTAL SHEETS 37



OPERATION	DATE
SURVEYED	
PRELIMINARY PLOTTED	
PLAN CHECKED	
FINAL DESIGN CHECKED	
FRAGED	
FINAL R.O.W. CHECK	
QUANTITIES	
QUANTITIES CHECKED	
ROAD	

OPERATION	DATE
PRELIMINARY R.O.W. CHECKED	
DATE	

OPERATION	DATE
PRELIMINARY R.O.W. CHECKED	
DATE	

RECOMMENDED FOR APPROVAL BY THE BOARD OF SUPERVISORS  
 WICKER, MILZ  
 BREED, WICKER  
 KENDLER, GOREYKO  
 PLAN DESIGNER  
 PLAN CHECKED  
 PLAN DRAWN  
 FILE NO. 82251-1  
 SHEET NO. 37  
 TOTAL SHEETS 37











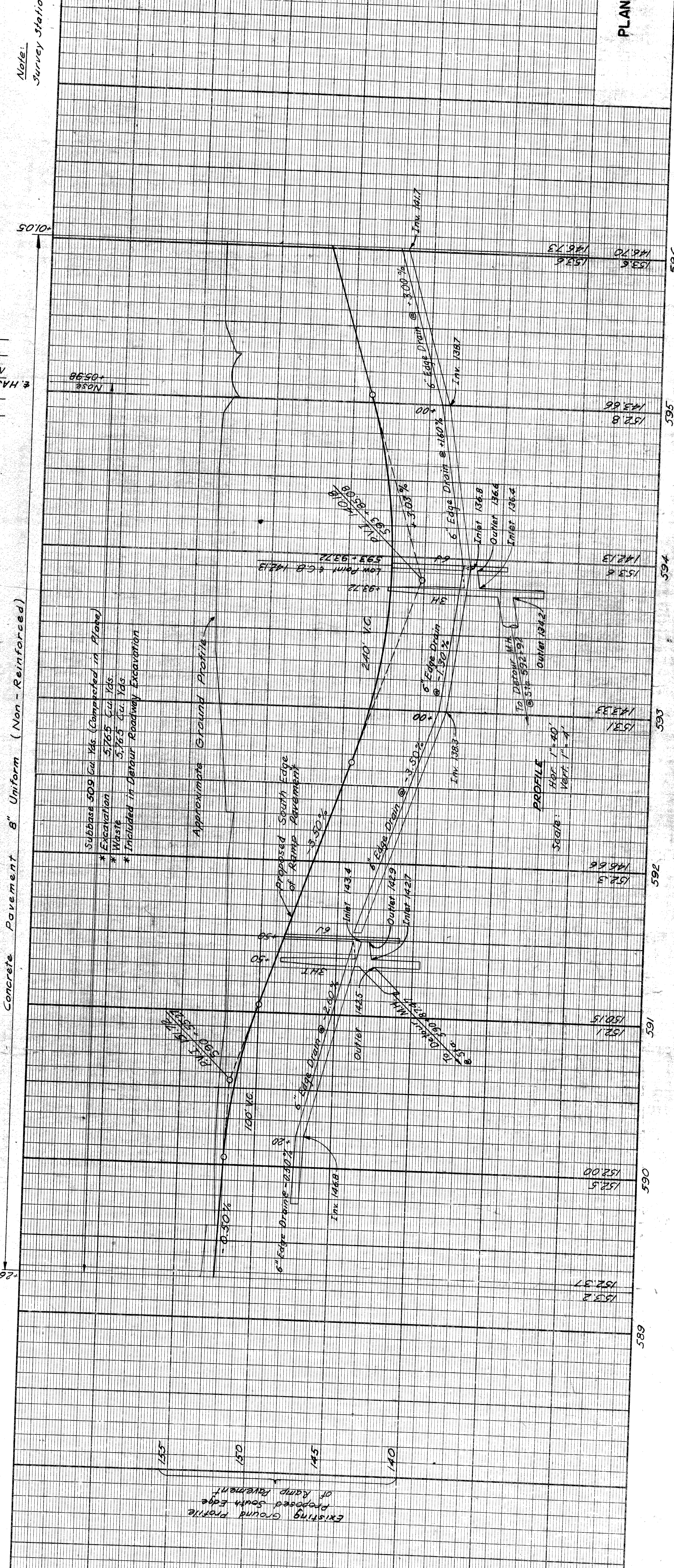
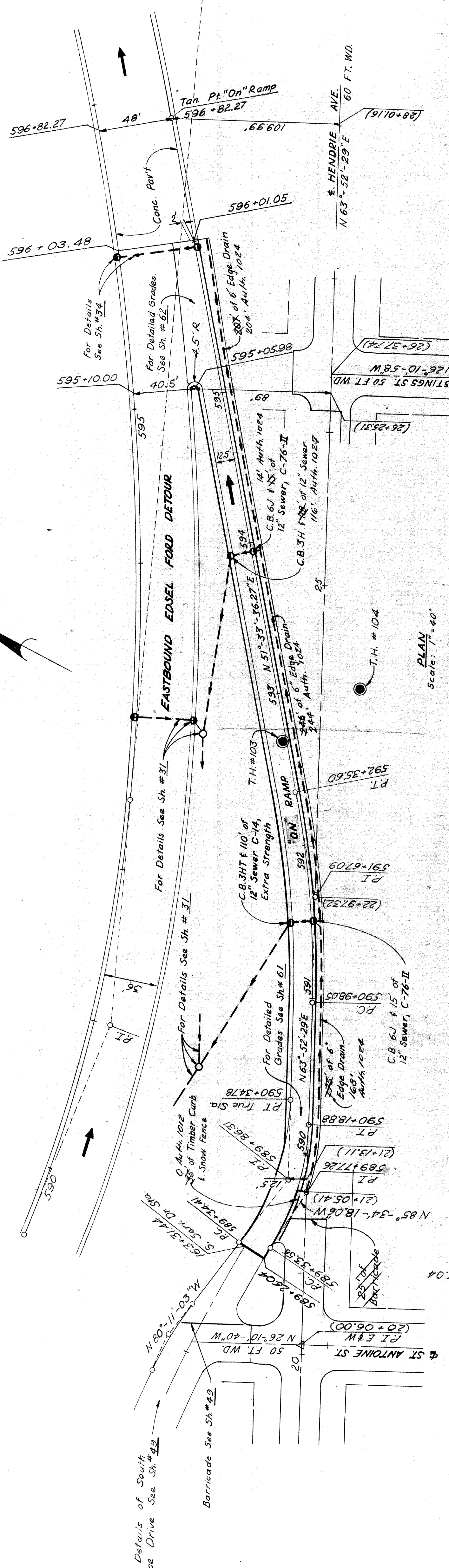




STATE	MI.	PROJ. NO.	1227(2023)	SHEET NO.	42
COUNTY	Wayne	CITY	Detroit	SHEET TOTAL	42
ROUTE	82251	PROJ. NO.		SHEET NO.	
STATE	MI.	PROJ. NO.		SHEET NO.	
COUNTY	Wayne	CITY	Detroit	SHEET TOTAL	42
ROUTE	82251	PROJ. NO.		SHEET NO.	

**CURVE DATA "ON" RAMP**  
 North Edge  
 A = 35° 54' 28"  
 D = 35° 54' 28"  
 R = 160'  
 T = 51.90'  
 L = 100.37'  
 E = 8.31'  
 PC = 589 + 34.41'  
 PT = 589 + 84.31'  
 PI = 589 + 77.26'  
 PT = 590 + 34.78' (True Sta.)

For Details of South Service Drive See Sh. #42



PLAN AND PROFILE FOR E'BD  
 DETOUR "ON" RAMP

82251-C6

PLANS PREPARED BY  
 CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CIVIL ENGINEERS OFFICE  
 BUREAU OF HIGHWAYS AND EXPRESSWAYS

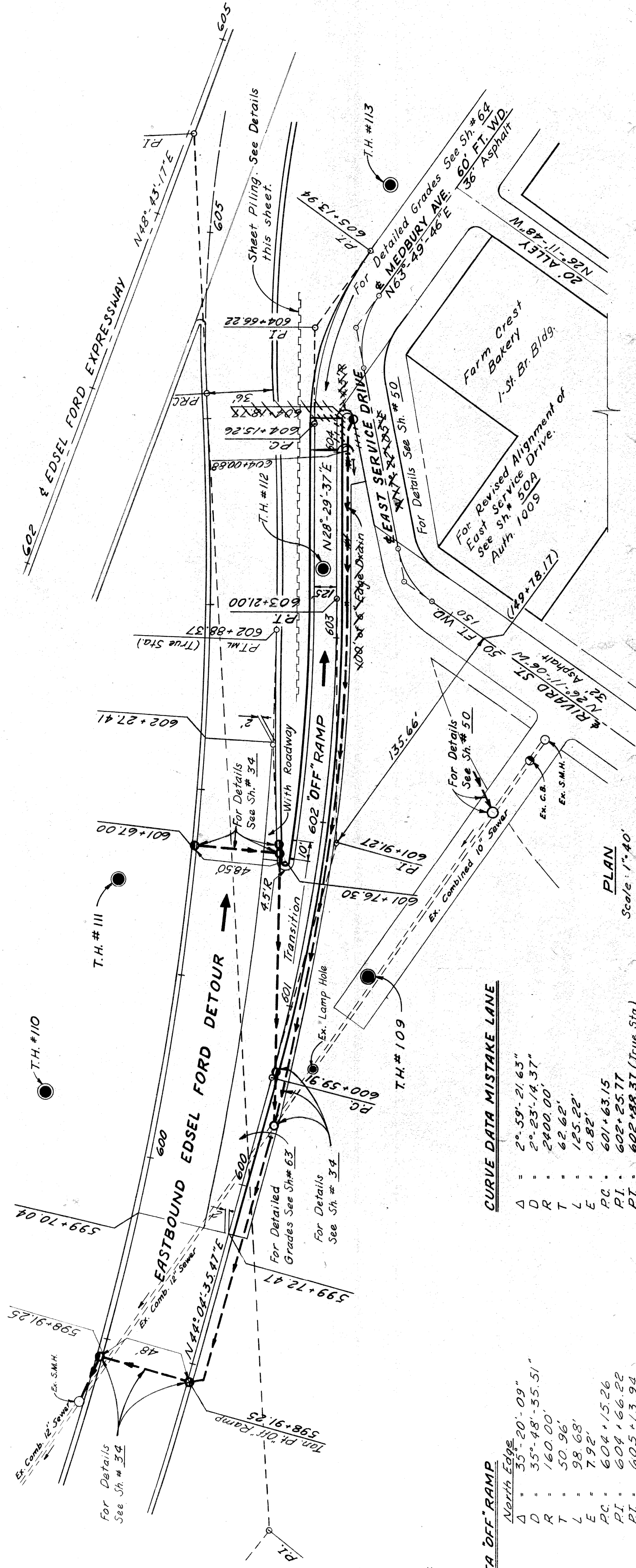
OPERATION	BY	DATE
PRELIMINARY R.O.W. CHECKED		
FINAL DESIGN CHECKED		
FINAL R.O.W. CHECKED		
QUANTITIES CHECKED		
FINAL R.O.W. CHECK		
FRACED		
FINAL DESIGN CHECKED		
QUANTITIES CHECKED		
FINAL R.O.W. CHECK		
FRACED		
FINAL DESIGN CHECKED		
QUANTITIES CHECKED		
FINAL R.O.W. CHECK		

OPERATION	BY	DATE
PLANNING		
PLAN CHECKED		
PLAN PLOTTED		
PROFILE PLOTTED		
PROFILE CHECKED		
FINAL CHECKED		
FINAL PLOTTED		
FINAL CHECKED		
FINAL PLOTTED		
FINAL CHECKED		
FINAL PLOTTED		

DESIGNED BY  
 R.E. McQuerry  
 CHECKED BY  
 J.M. Bledsoe  
 APPROVED BY  
 J.M. Bledsoe



STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
MICH.	727(134)3	43	43
ROUTE	CITY	PROJECT	DATE
4	DETROIT	DETROIT	12/1/34



**CURVE DATA OFF RAMP**

Δ	1534.5847"
D	55.20.09"
R	35.48.55.51"
T	160.00'
L	50.96'
E	98.68'
E	7.92'
PC	600+59.91
PI	601+91.27
PT	603+21.00

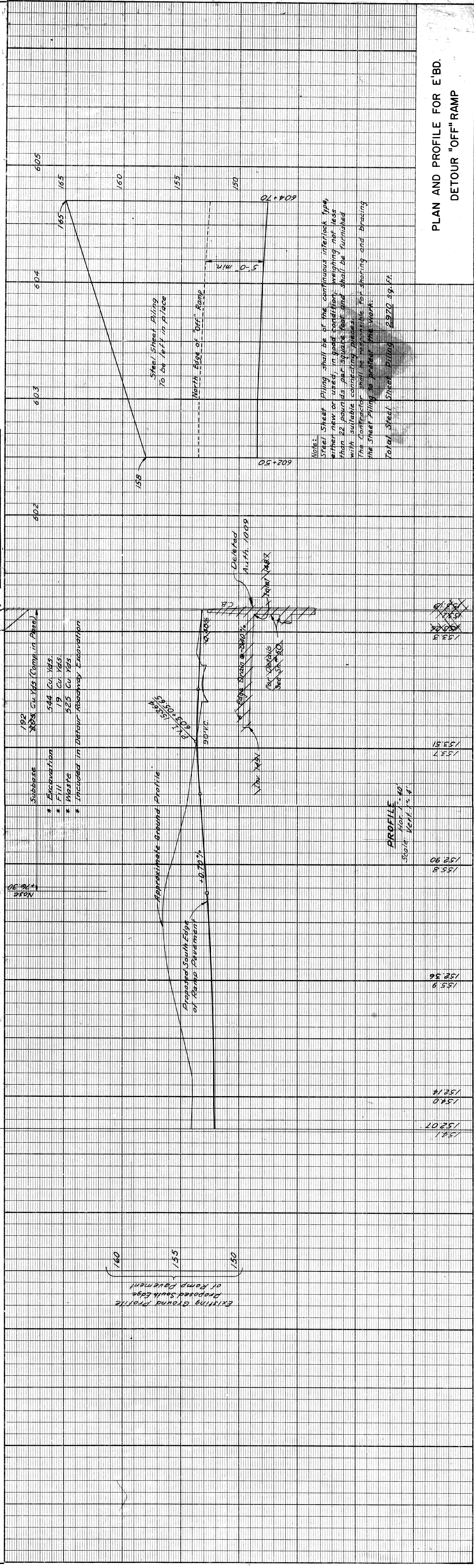
**CURVE DATA MISTAKE LANE**

Δ	2.59.21.63"
D	2.23.14.37"
R	2400.00'
T	62.62'
L	125.22'
E	0.82'
PC	601+83.15
PI	602+25.77
PT	602+58.37 (True Sta.)

Revised By Auth. 1009  
New Location and Drainage

Concrete Pavement 8' Uniform (Non-Reint.)

Notes:  
Survey Stationing shown in brackets thus, ( ).



PLAN AND PROFILE FOR E.B.D.  
DETOUR "OFF" RAMP

STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
MICH.	727(134)3	43	43
ROUTE	CITY	PROJECT	DATE
4	DETROIT	DETROIT	12/1/34

PLANS PREPARED BY  
CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE  
BUREAU OF HIGHWAYS AND EXPRESSWAYS

OPERATION	BY	DATE
PRELIMINARY R.O.W. CHECKED		
FINAL DESIGN CHECKED		
FINAL R.O.W. CHECKED		
QUANTITIES CHECKED		
SCAD		

OPERATION	BY	DATE
SURVEYED		
PLAN PLOTTED		
PLAN CHECKED		
PROFILE PLOTTED		
PROFILE CHECKED		
PRELIMINARY GRADE		
GRADE INSPECTION		
FEDERAL INSPECTION		

WICKER, BEED 2/20  
MCCUEY, BLEED 3/20  
J.M. BEED 4/20  
A.L. HENGER 4/20  
R.R. HICKS 4/20



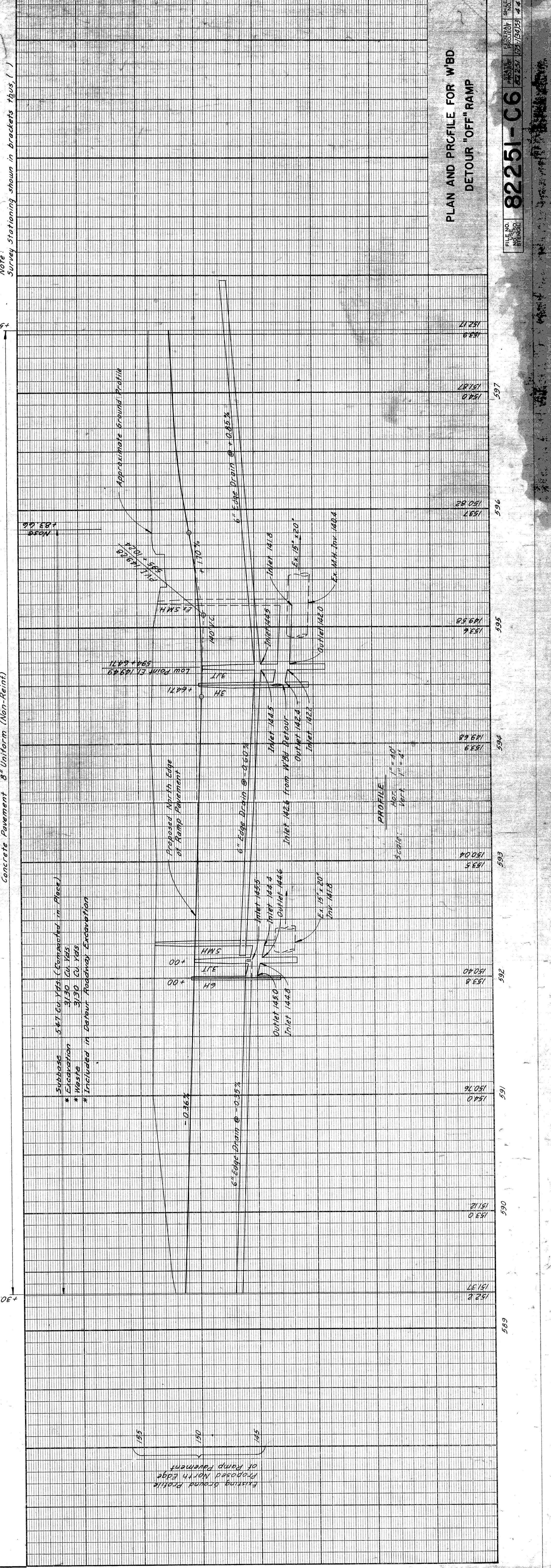
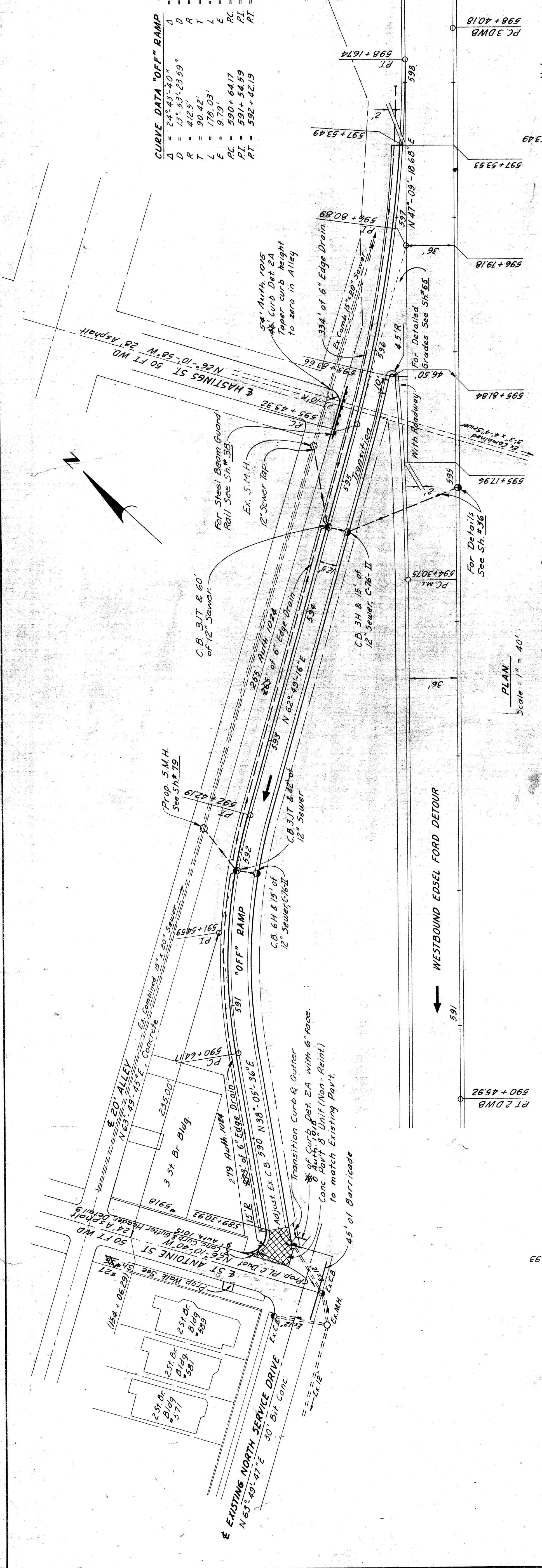
S.P.R. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	MICH	172/19453			
ROUTE	CITY	COUNTY	PROJECT	SHEET NO.	TOTAL SHEETS
82251	Wayne	Detroit	44		

**CURVE DATA "OFF" RAMP**

D	= 15° 39' 57.33"
D	= 24° 43' 40"
D	= 15° 23' 23.59"
A	= 412.9'
T	= 90.42'
L	= 178.03'
E	= 91.9'
PC	= 590+64.17
PT	= 591+24.59
PI	= 592+42.19

**CURVE DATA MISTAKE LANE**

D	= 4° 32' 53.49"
D	= 3° 00' 00"
A	= 1909.86'
T	= 75.84'
L	= 151.61'
E	= 151'
PC	= 594+30.75 (True Sta)
PT	= 595+06.60
PI	= 595+28.36



PLAN AND PROFILE FOR W'BD  
DETOUR "OFF" RAMP

FILE NO. 82251-06  
SHEET NO. 44

PLANS PREPARED BY  
CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE  
BUREAU OF HIGHWAYS AND EXPANSIONS

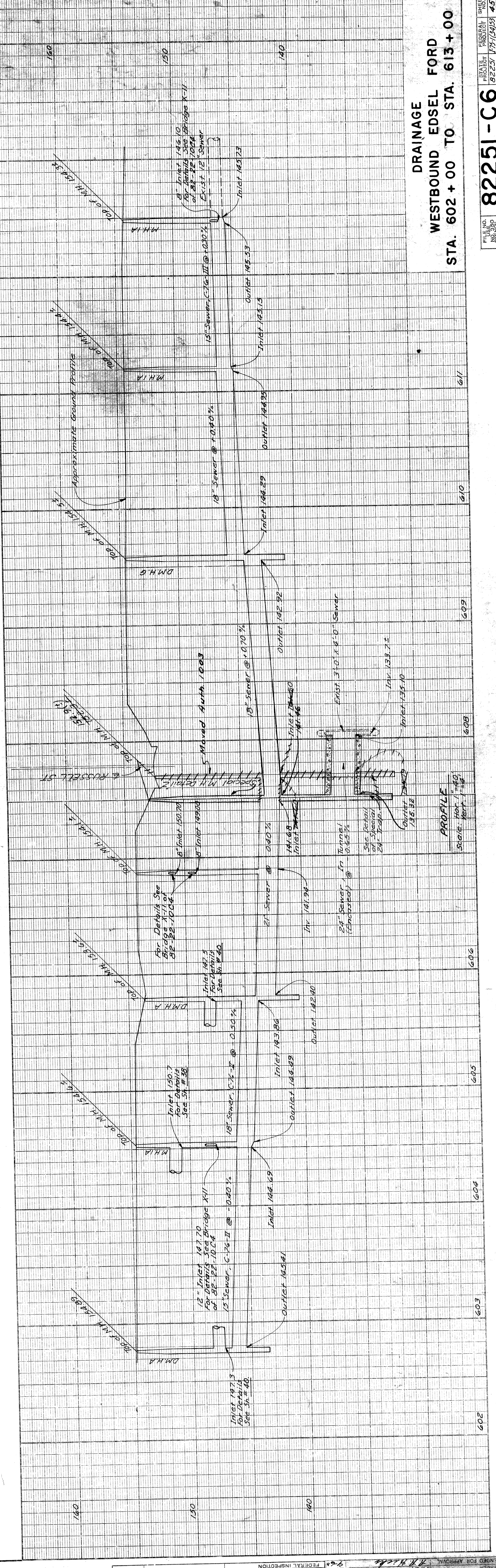
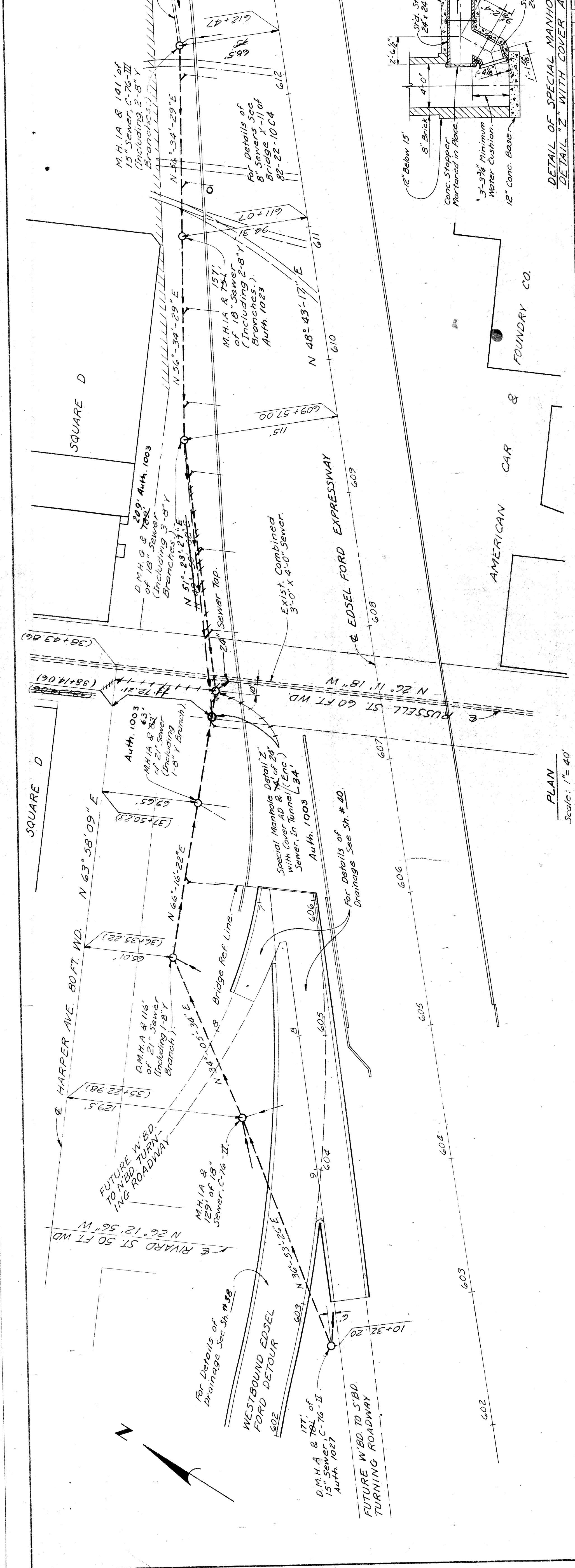
OPERATION	BY	DATE
PRELIMINARY R.O.W. CHECKED		
FINAL DESIGN CHECKED		
FRACED		
QUANTITIES CHECKED		
FINAL R.O.W. CHECK		
SQUAD		

OPERATION	BY	DATE
PLAN PLOTTED		
PLAN CHECKED		
PROFILE PLOTTED		
PROFILE CHECKED		
PRELIMINARY GRADES		
GRADE INSPECTION		
FEDERAL INSPECTION		

RECOMMENDED FOR APPROVAL  
BY: [Signature]  
DATE: [Date]



STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
MICH.	175 (3423)	45	45
CITY	ROUTE	PROJ. NO.	SHEET NO.
DETROIT	82251	45	45



**DRAINAGE WESTBOUND EDEL FORD STA. 602 + 00 TO STA. 613 + 00**

**82251-C6**

PLANS PREPARED BY  
 CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE  
 BUREAU OF HIGHWAYS AND EXPRESSWAYS

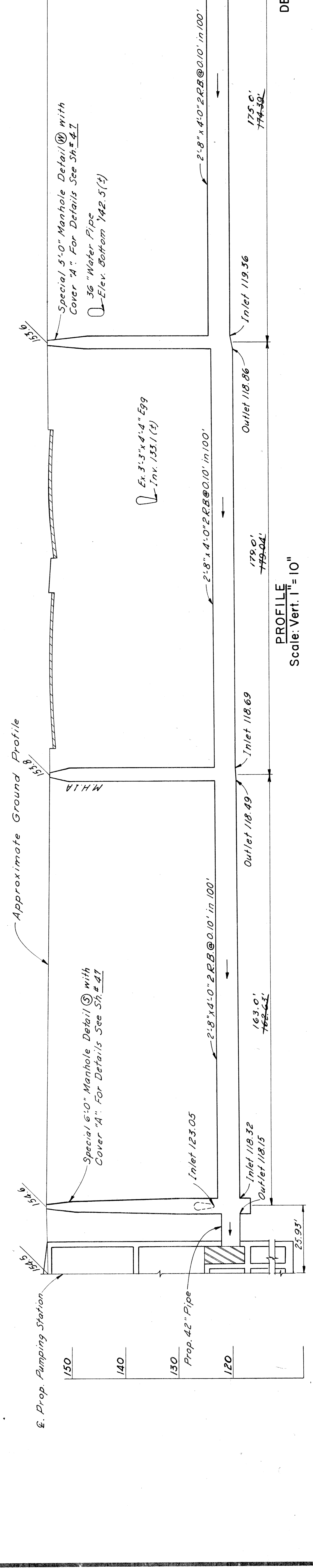
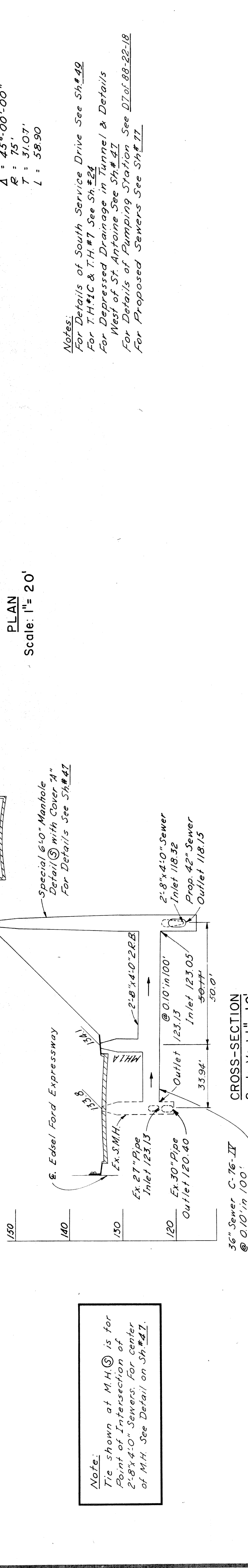
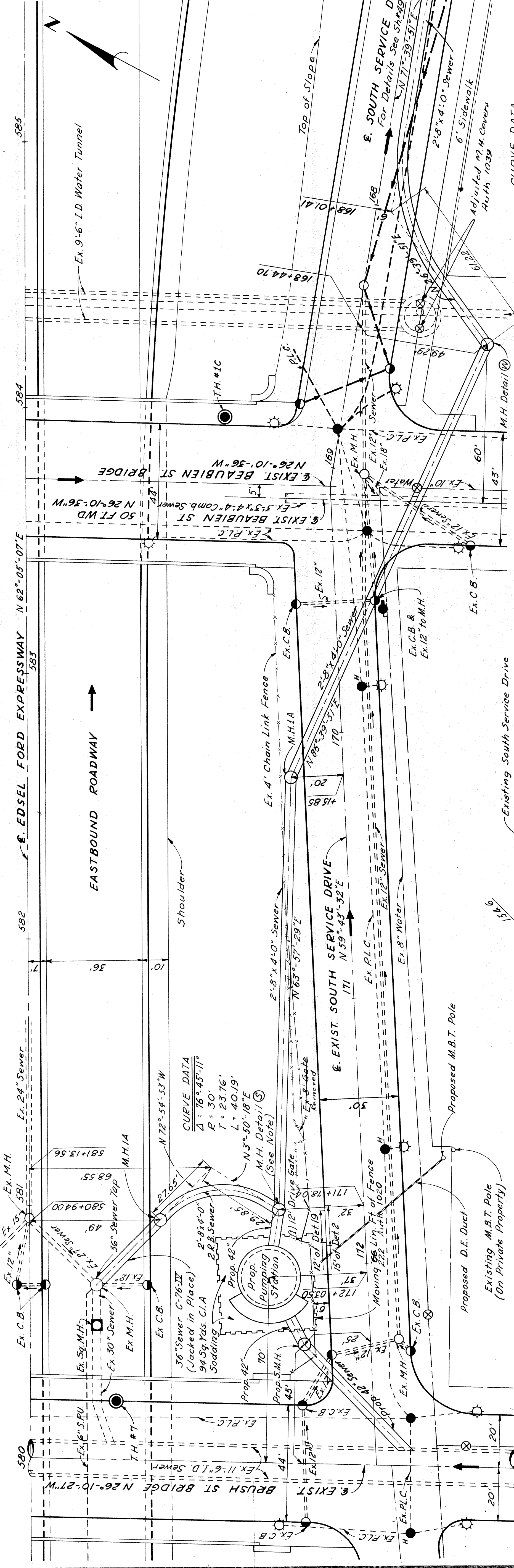
OPERATION	BY	DATE
PRELIMINARY PLAN CHECKED		
FINAL DESIGN CHECKED		
FINAL DESIGN		
FINAL R.O.W. CHECKED		
QUANTITIES CHECKED		
ROAD		

OPERATION	BY	DATE
SURVEYED		
PLAN PLOTTED		
PLAN CHECKED		
PROFILE PLOTTED		
PRELIMINARY GRADE		
PRELIMINARY CHECKED		
FINAL INSPECTION		
RECOMMENDED FOR APPROVAL		

McCURRY, PLATER 3/60  
 E. WOLKAN 3/60  
 W. J. MURPHY 4/60  
 A. E. BRADY 4/60  
 H. H. HALL 2/60



B.P. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	MICH.	72-12403	46	46
ROUTE	COUNTY	CITY	SHEET NO.	TOTAL SHEETS
82251	Wayne	Detroit	46	46
DIV. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	MICH.	72-12403	46	46
ROUTE	COUNTY	CITY	SHEET NO.	TOTAL SHEETS
82251	Wayne	Detroit	46	46



DEPRESSED DRAINAGE IN TUNNEL  
BRUSH ST. TO BEAUBIEN ST.

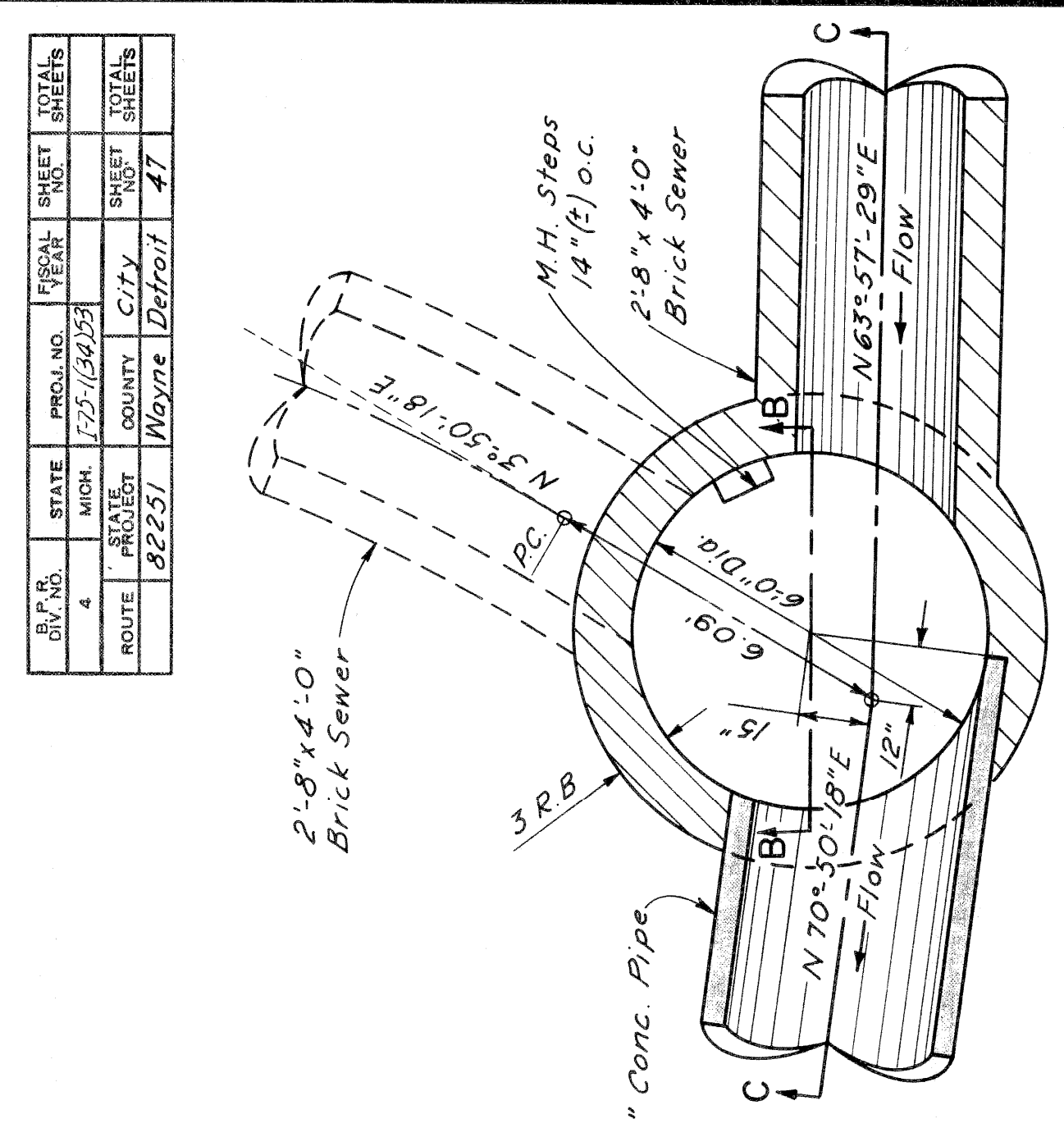
82251-C6

PLANS PREPARED BY  
DEPARTMENT OF PUBLIC WORKS  
CITY OF DETROIT  
CITY ENGINEERS OFFICE  
BUREAU OF HIGHWAYS AND EXPRESSWAYS

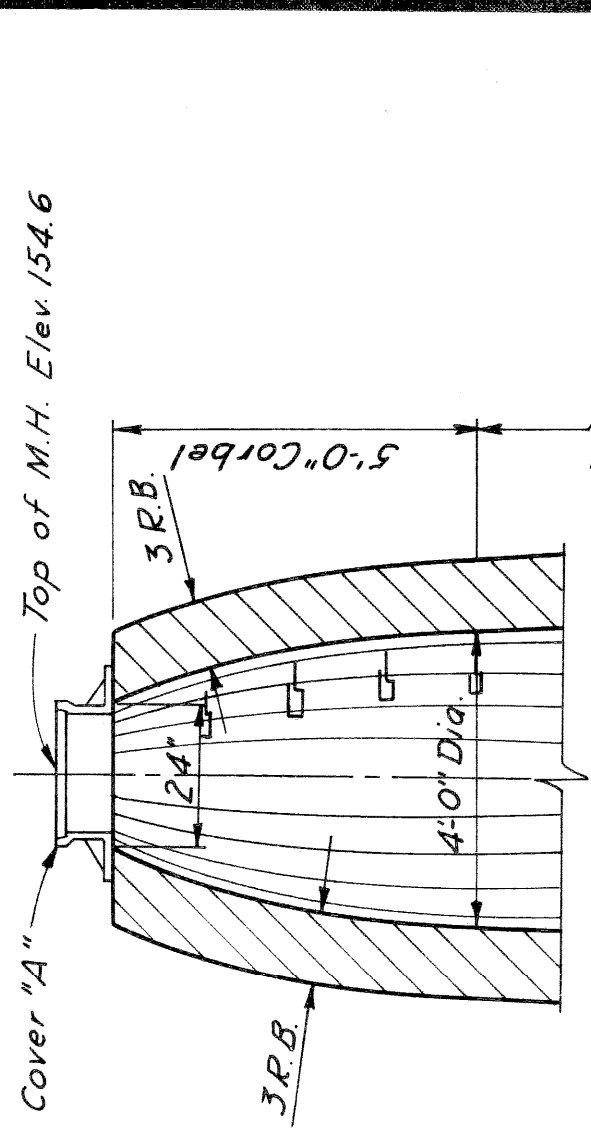
DESIGNED	BREED, G.F./L.M.
PLAN CHECKED	L.M. BREED
SOULD LEADER	A.E. PEARCE
RECOMMENDED FOR APPROVAL	R.H. HARRIS



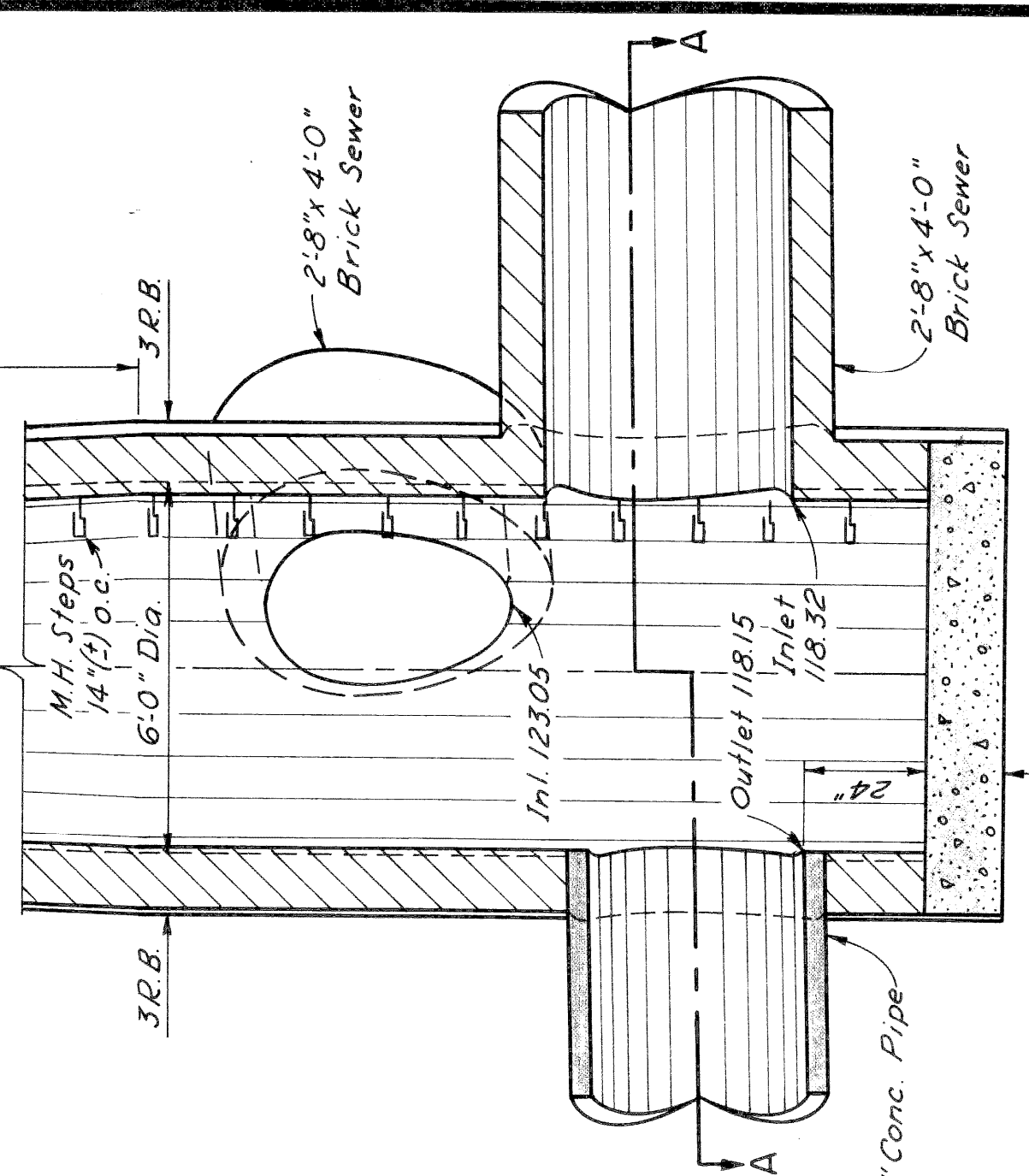
STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
MI	1221(2425)	1953	47	47
CITY	COUNTY	PROJECT	DATE	BY
DETROIT	WAYNE	82251	1/22/53	J.M.B.



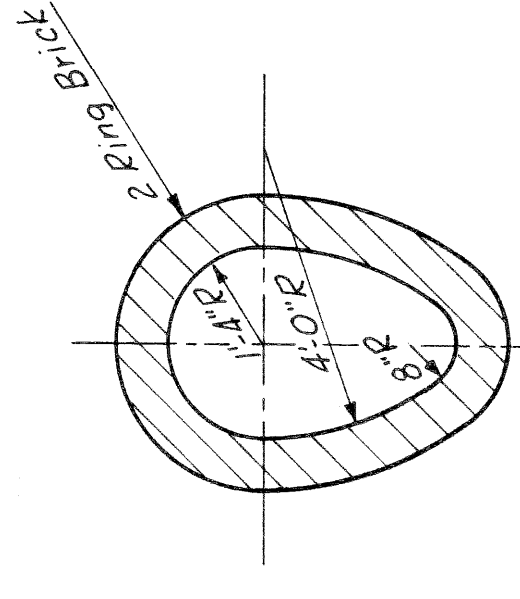
SECTION A-A  
SPECIAL 6'-0" M.H. (S)



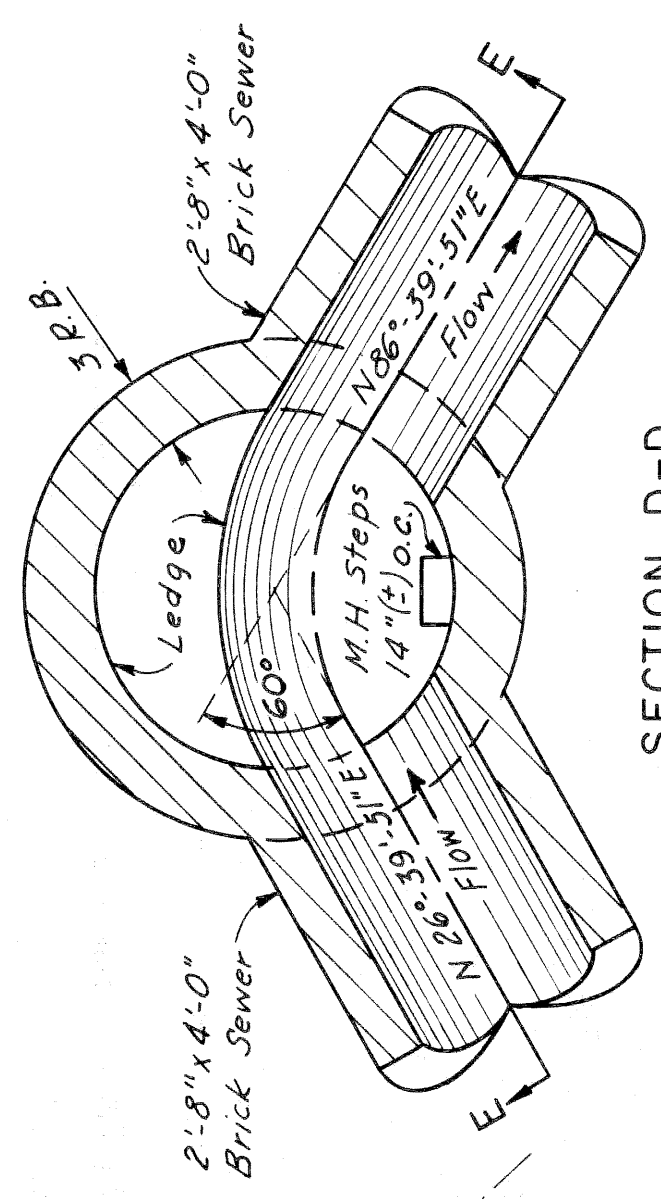
SECTION B-B  
SPECIAL 6'-0" M.H. (S)



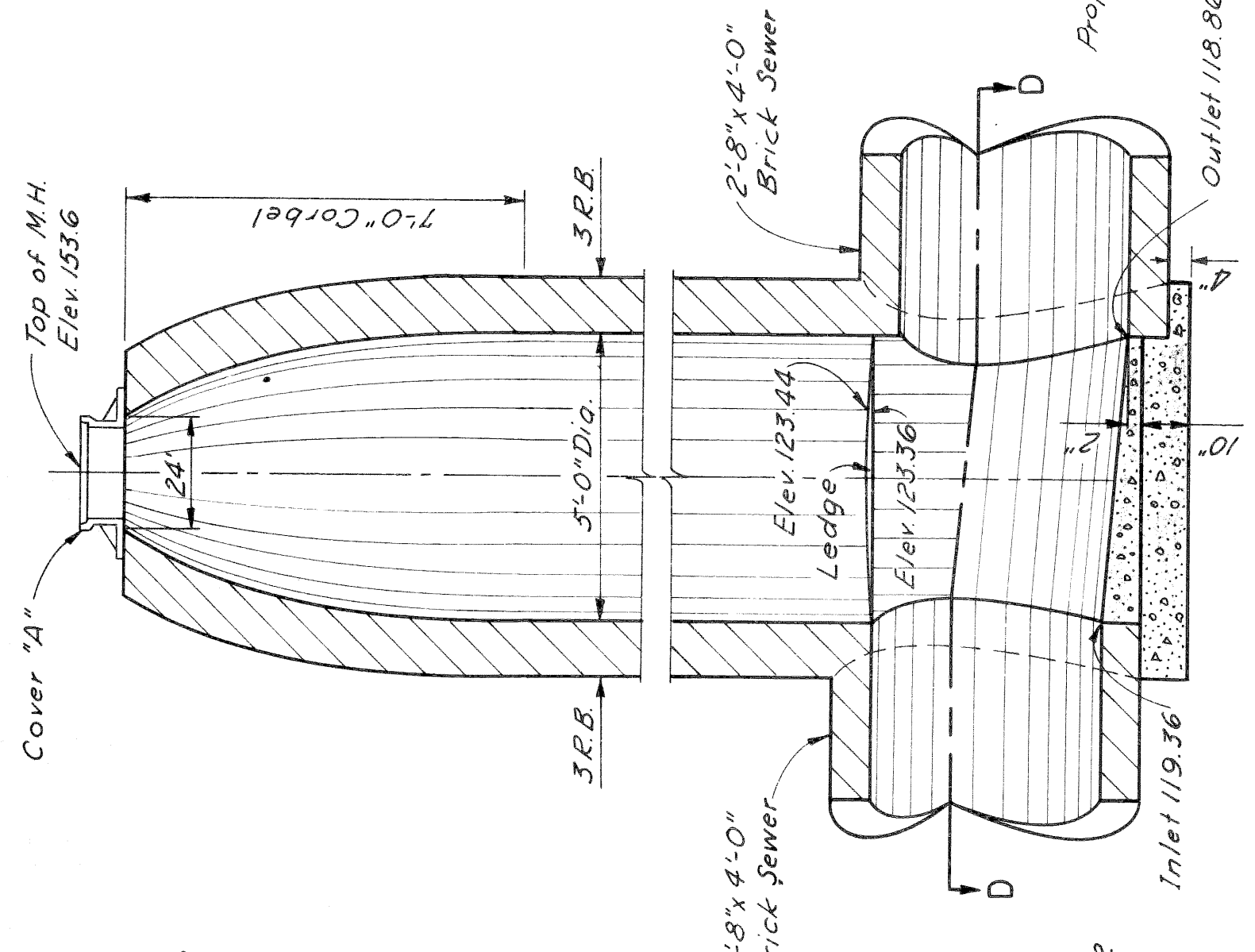
SECTION C-C  
SPECIAL 6'-0" M.H. (S)



TYPICAL SECTION  
2'-8" x 4'-0" EGG

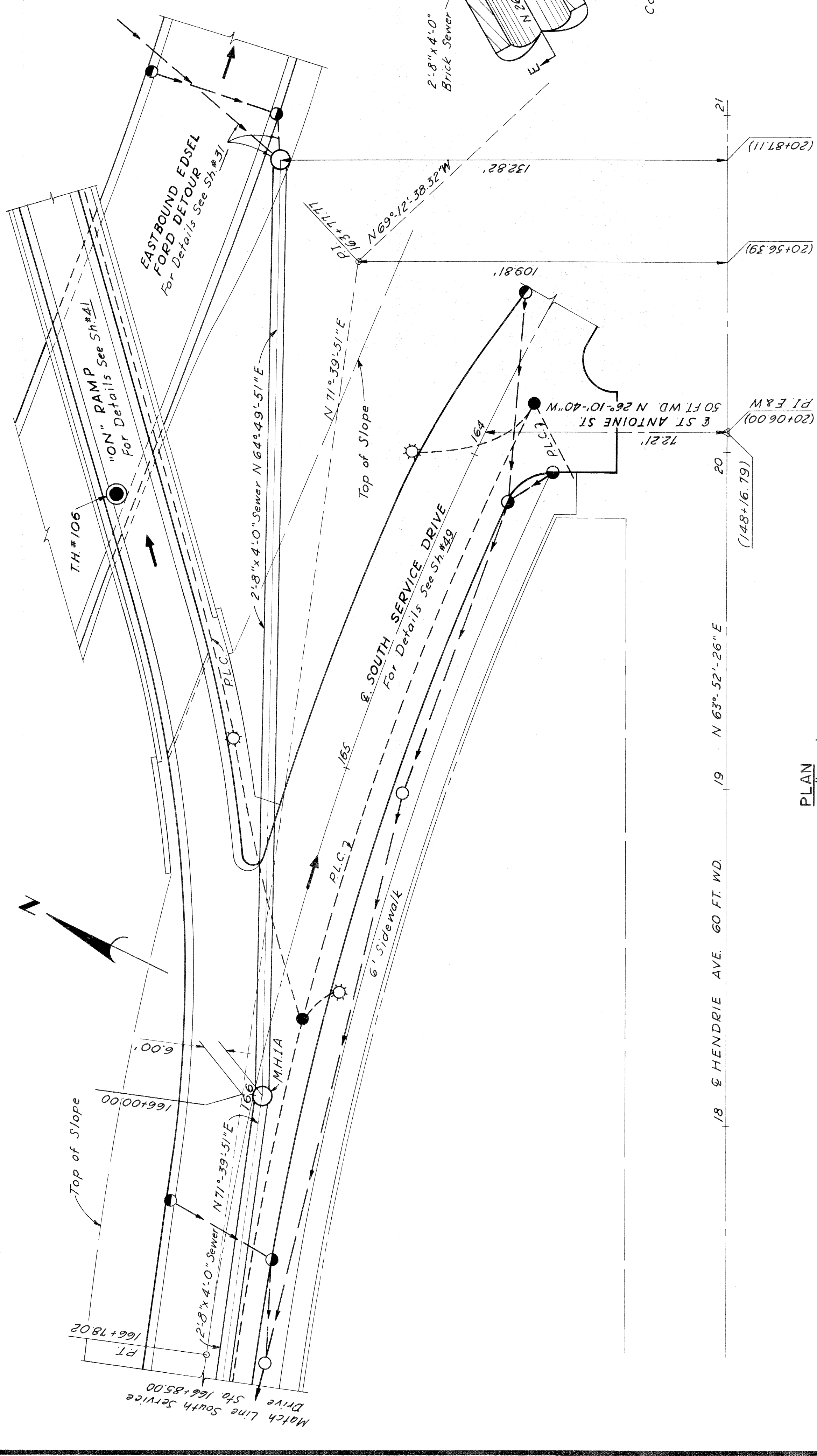


SECTION D-D  
SPECIAL 5'-0" M.H. (W)

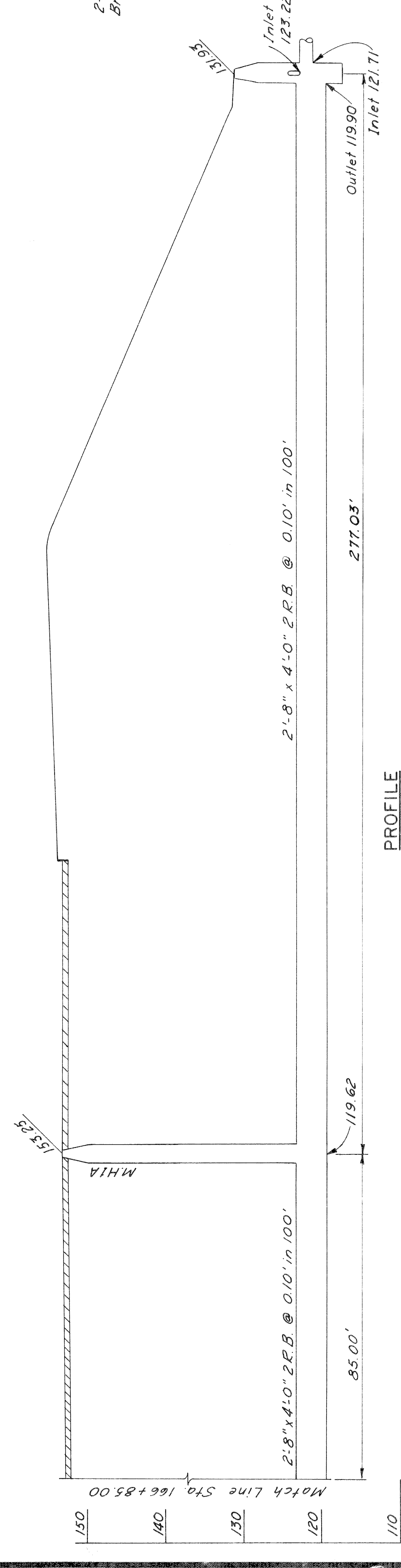


SECTION E-E  
SPECIAL 5'-0" M.H. (W)

Scale: 3/8" = 1'-0"



PLAN  
Scale: 1" = 20'



PROFILE  
Scale: Vert. 1" = 10'

Notes:  
For Details of South Service Drive See Sh. #49  
For Details of Edsel Ford Detour See Sh. #31  
For Details of "On" Ramp See Sh. #41  
For T.H. #106 See Sh. #24  
For Depressed Drainage in Tunnel Brush St. to Beaubien St. See Sh. #46  
Survey Stationing shown in brackets thus, ( ).

PLANS PREPARED BY  
CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE  
BUREAU OF HIGHWAYS AND EXPRESSWAYS

DATE	4/60	PLAN DESIGNED	BREED, GIFFIN
	4/60	BY	F. CALABIANO
	4/60	CHECKED	J.M. BREED
	4/60	APPROVED FOR APPROVAL	A.E. BRAGER

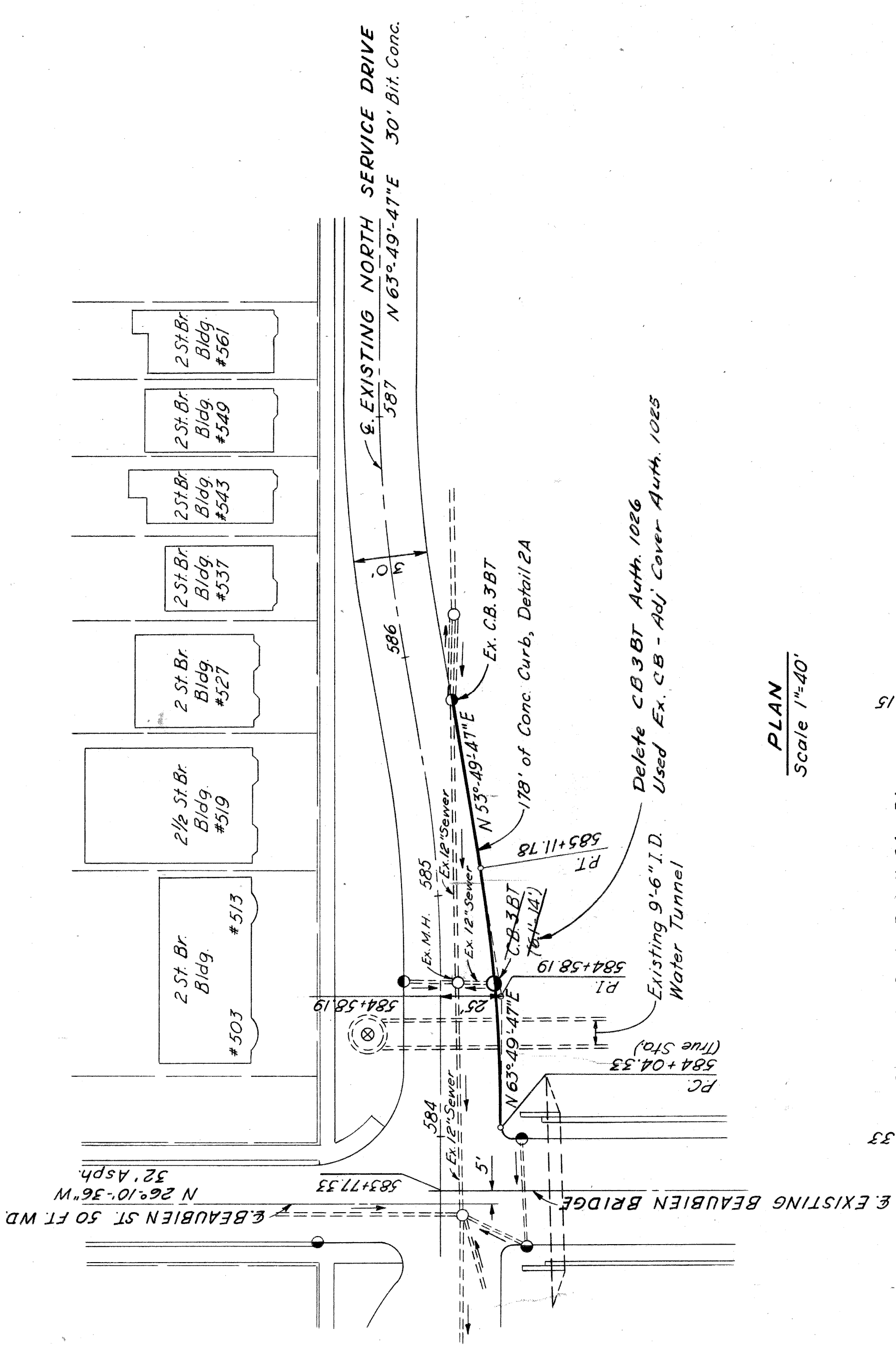
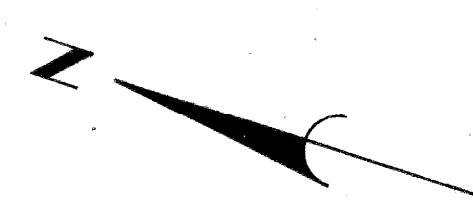
DEPRESSED DRAINAGE IN TUNNEL  
WITH DETAILS  
WEST OF ST. ANTOINE ST.

82251-C6

FILE NO.	PROJECT	SHEET
82251	1221(2425)	47



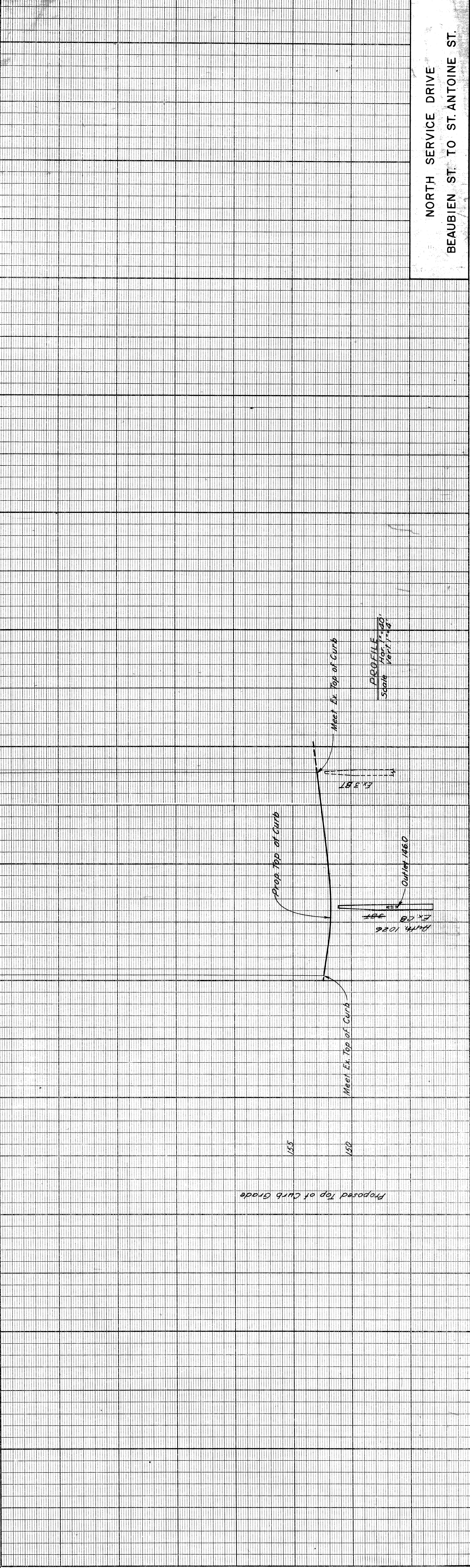
STATE	MICH.	PROJ. NO.	125-124123	SHEET NO.	48	TOTAL SHEETS	48
CITY	WYOMING	COUNTY	DETOIT	SHEET NO.	48	TOTAL SHEETS	48
ROUTE	2227	PROJECT	WYOMING DETROIT	SHEET NO.	48	TOTAL SHEETS	48



**CURVE DATA NORTH SERVICE DRIVE**  
 South Edge  
 Δ = 10° 00' 00"  
 D = 9° 18' 25.71"  
 R = 615.61'  
 T = 53.86'  
 L = 107.44'  
 E = 2.33'  
 PC = 584 + 04.33 (True Sta.)  
 PI = 594 + 58.19  
 PT = 585 + 11.78

PLAN  
 Scale 1"=40'

Concrete Curb, Detail 2A, Rt.  
 +78.15  
 +04.33



NORTH SERVICE DRIVE  
 BEAUBIEN ST. TO ST. ANTOINE ST.

PROJECT NO. 82251-C6  
 SHEET 48 OF 48

PLANS PREPARED BY  
 CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE  
 BUREAU OF HIGHWAYS AND EXPRESSWAYS

OPERATION	DATE	BY
PRELIMINARY R.O.W. CHECKED		
FINAL DESIGN CHECKED		
TRACED		
QUANTITIES CHECKED		
SQUAD		

OPERATION	DATE	BY
SURETY		
PLAN CHECKED		
PLAN PLOTTED		
PROFILE PLOTTED		
PROFILE CHECKED		
PRELIMINARY GRADE		
GRADE INSPECTION		
FEDERAL INSPECTION		

APPROVAL  
 J. WICKERY  
 FACULTY  
 J. WICKERY  
 J. WICKERY  
 J. WICKERY











P.B.M. # 41-250-A Elev. 152.792 City of Detroit Monument N.W. Corner Rivard St and Hendrie Ave

C.B.M. # 147 Elev. 153.988 Arvon on Hendrie N.E. Corner Medbury Ave and Russell St

**CURVE DATA 'OFF' RAMP**

Left Hand Edge  
 $\Delta = 35^\circ - 20' - 09''$   
 $D = 35^\circ - 48' - 35.51''$   
 $R = 160'$   
 $T = 50.26'$   
 $L = 98.68'$   
 $E = 7.92'$   
 $PC = 604 + 15.26$   
 $PT = 605 + 13.94$

**CURVE DATA EAST SERVICE DRIVE**

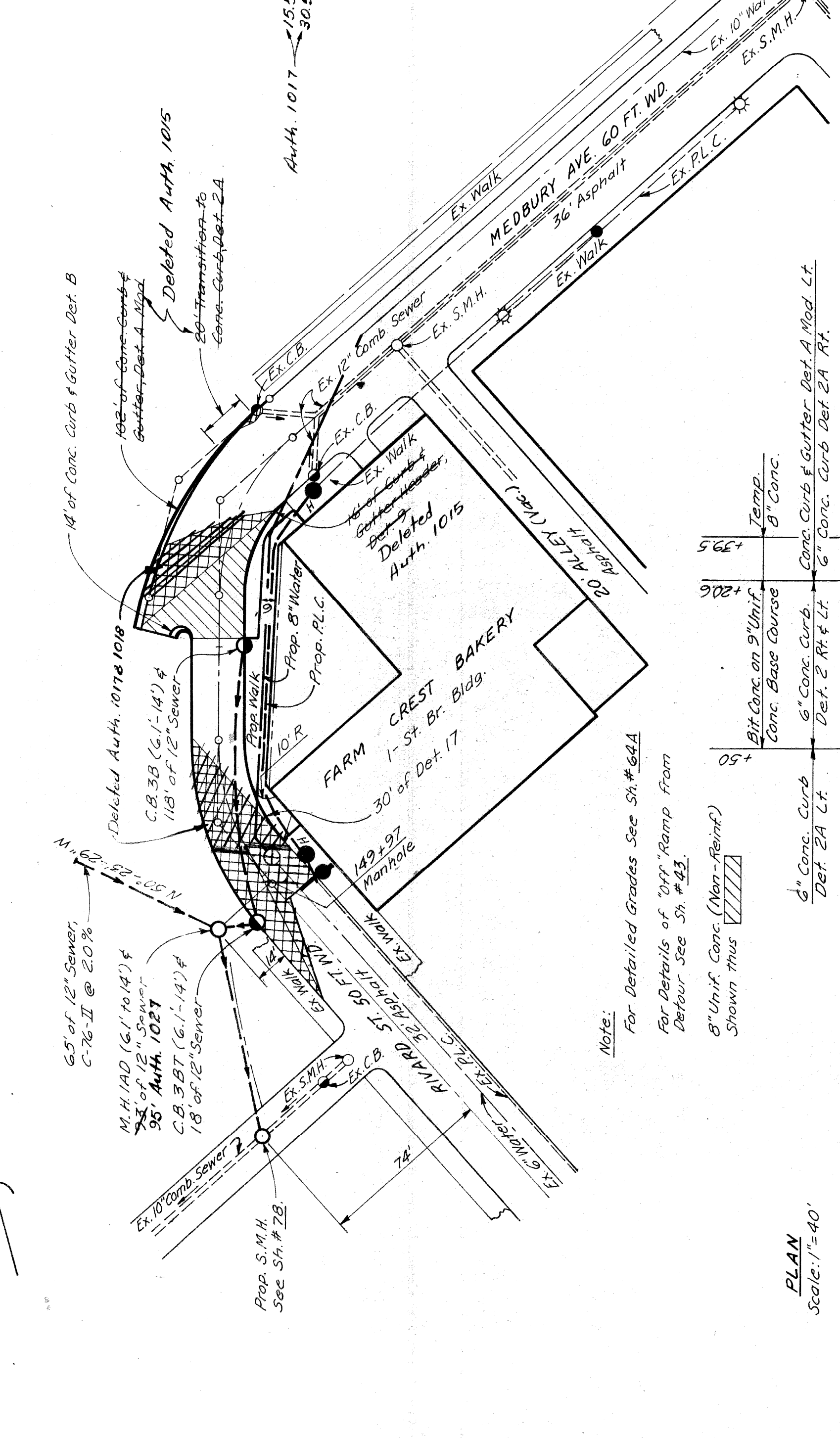
$\Delta = 41^\circ - 51' - 50.03''$   $D = 48^\circ - 09' - 01.97''$   
 $A = 90^\circ - 53' - 59' - 43.12''$   $R = 63' - 59' - 43.12''$   
 $T = 34.43'$   $L = 40.21'$   
 $E = 6.36'$   $E = 8.58'$   
 $PC = 149 + 25.18$   $PT = 151 + 21.46$   
 $PI = 150 + 29.61$   $AT = 151 + 27.09$   
 $PT = 150 + 60.94$

Note: Survey Stationing shown in brackets thus, ( )  
 Bench Marks are on City of Detroit Datum.

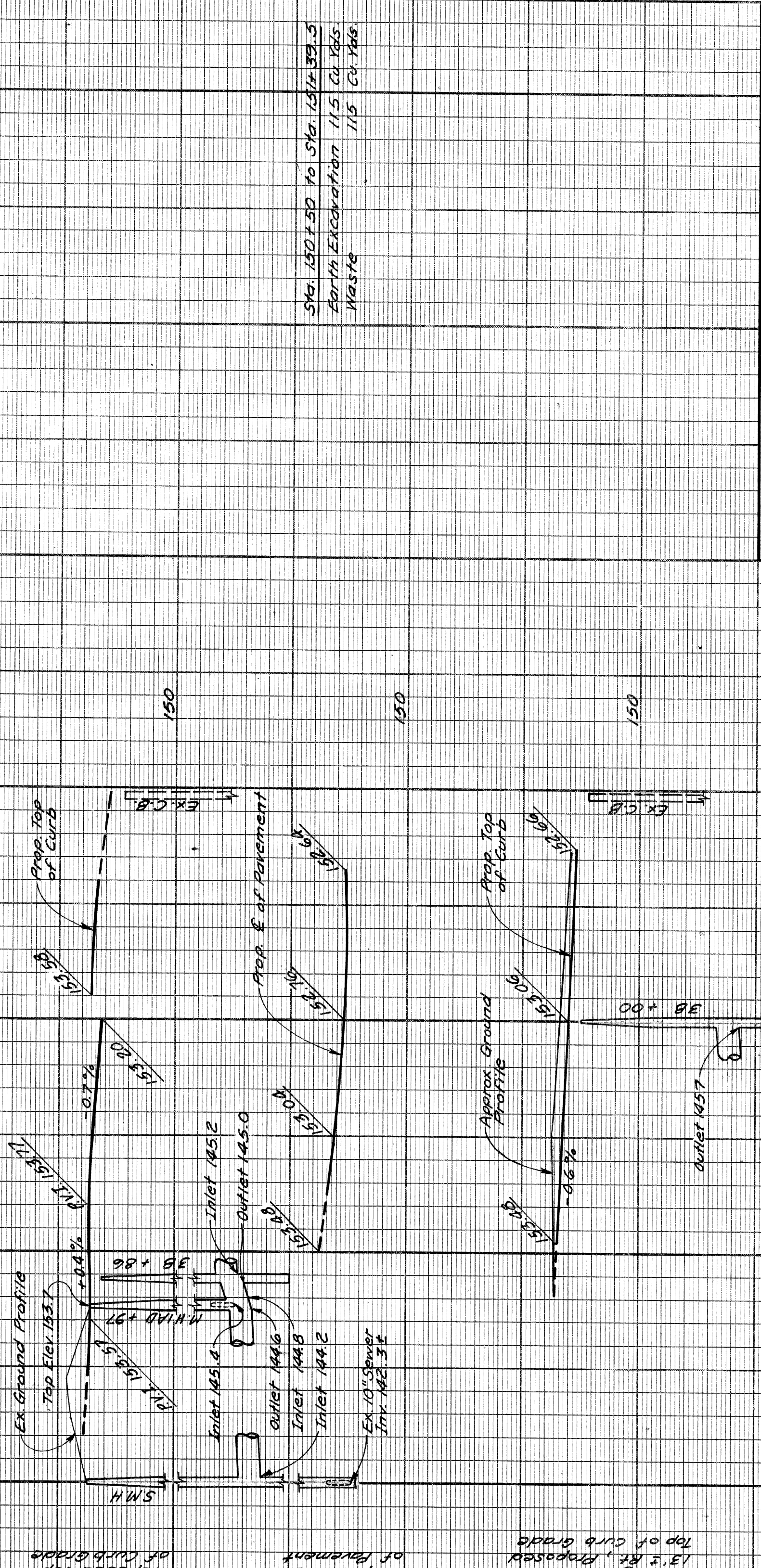
DIV. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	MICH.	121(34253)	125	125
ROUTE	CITY	COUNTY	PROJECT	
82251	Wayne	Detroit	50A	

Remove Asphalt Surface shown cross-hatched to provide for a smooth connection and to adjust crown. Replace with Bituminous concrete pavement.

Station	Remove Exst. Asphalt Surf. Pavement Sp. 125.	Auth. 1017
150+21	782.84.5	782.134.5
151+40	785.25.0	785.25.0
151+75	782.159.5	782.159.5
Total		125



PLAN Scale: 1"=40'



PROFILES Scale: Hor. 1"=40' Vert. 1"=4'

Auth. 1009  
 This Sheet Supercedes Sheet # 50

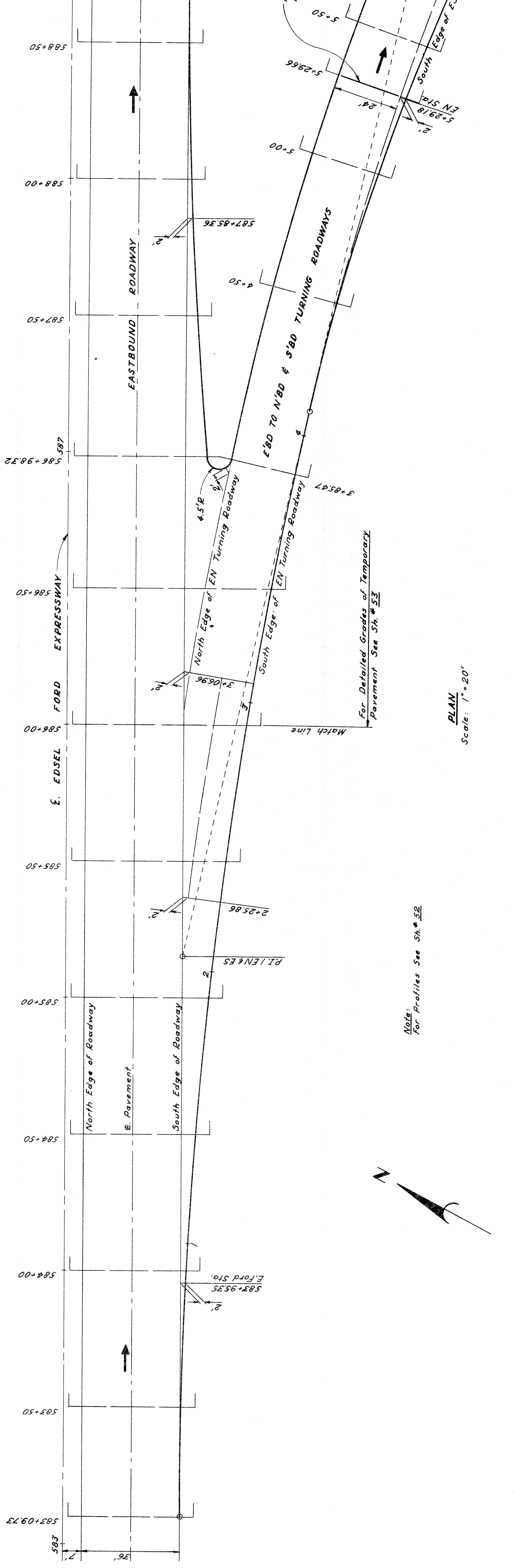
EAST SERVICE DRIVE  
 RIVARD ST. TO MEDBURY AVE.

DATE	BY	OPERATION
		PRELIMINARY R.O.W. CHECKED
		FINAL DESIGN CHECKED
		TRACED
		FINAL R.O.W. CHECK
		QUANTITIES CHECKED
		QUANTITIES CHECKED
		SOULD

DATE	BY	OPERATION
		SURVEYED
		PLAN PLOTTED
		PROFILE PLOTTED
		PRELIMINARY GRADE
		GRADE INSPECTION
		FEDERAL INSPECTION



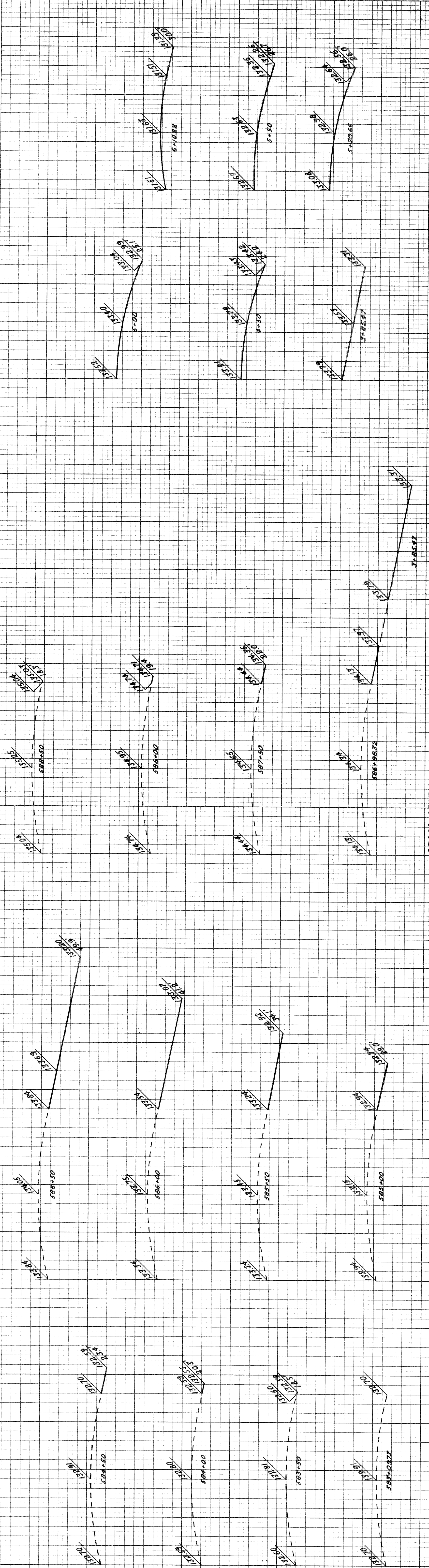
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
MI	179-12053	57	57
CITY	COUNTY	CITY	CITY
Wayne	Wayne	Detroit	Detroit



PLAN  
Scale: 1" = 20'

Note: For Profiles See Sh. 52

For Detailed Grades of Temporary Pavement See Sh. 53



CROSS-SECTIONS  
Scale: Vert. 1" = 1'

PLANS PREPARED BY  
BUREAU OF HIGHWAYS AND EXPRESWAYS  
CITY ENGINEERS OFFICE  
DEPARTMENT OF PUBLIC WORKS  
CITY OF DETROIT

OPERATION	DATE
PRELIMINARY R.O.W. CHECKED	
FINAL DESIGN CHECKED	
FINAL R.O.W. CHECK	
PROFILES	
QUANTITIES CHECKED	
SQUAD	

OPERATION	DATE
SURVEYED	
PLAN PLOTTED	
PLAN CHECKED	
PROFILES PLOTTED	
PROFILE CHECKED	
PRELIMINARY GRADE	
GRADE INSPECTION	
FEDERAL INSPECTION	

DESIGNED	J.M. BEEBE
BY	J.M. BEEBE
DATE	1/15/20
RECOMMENDED FOR APPROVAL	R. N. H. [Signature]
APPROVED	A.E. PAGE
DATE	1/15/20

DETAILED GRADES FOR EBD FORD TO N'BD & S'BD  
CHRYSLER TURNING ROADWAYS AT EBD EDEL FORD

FILE NO. 82251-C6  
SHEET 57



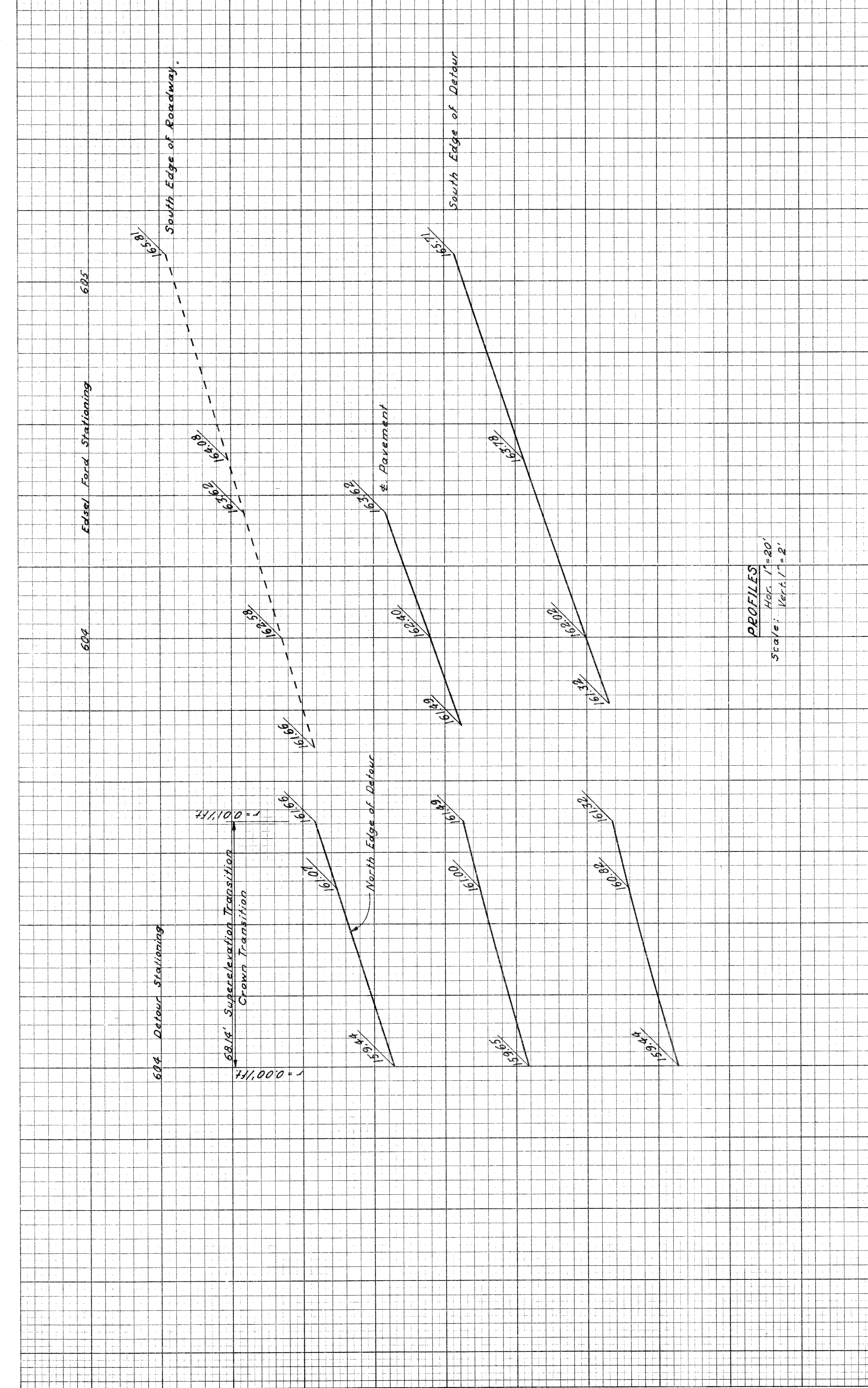
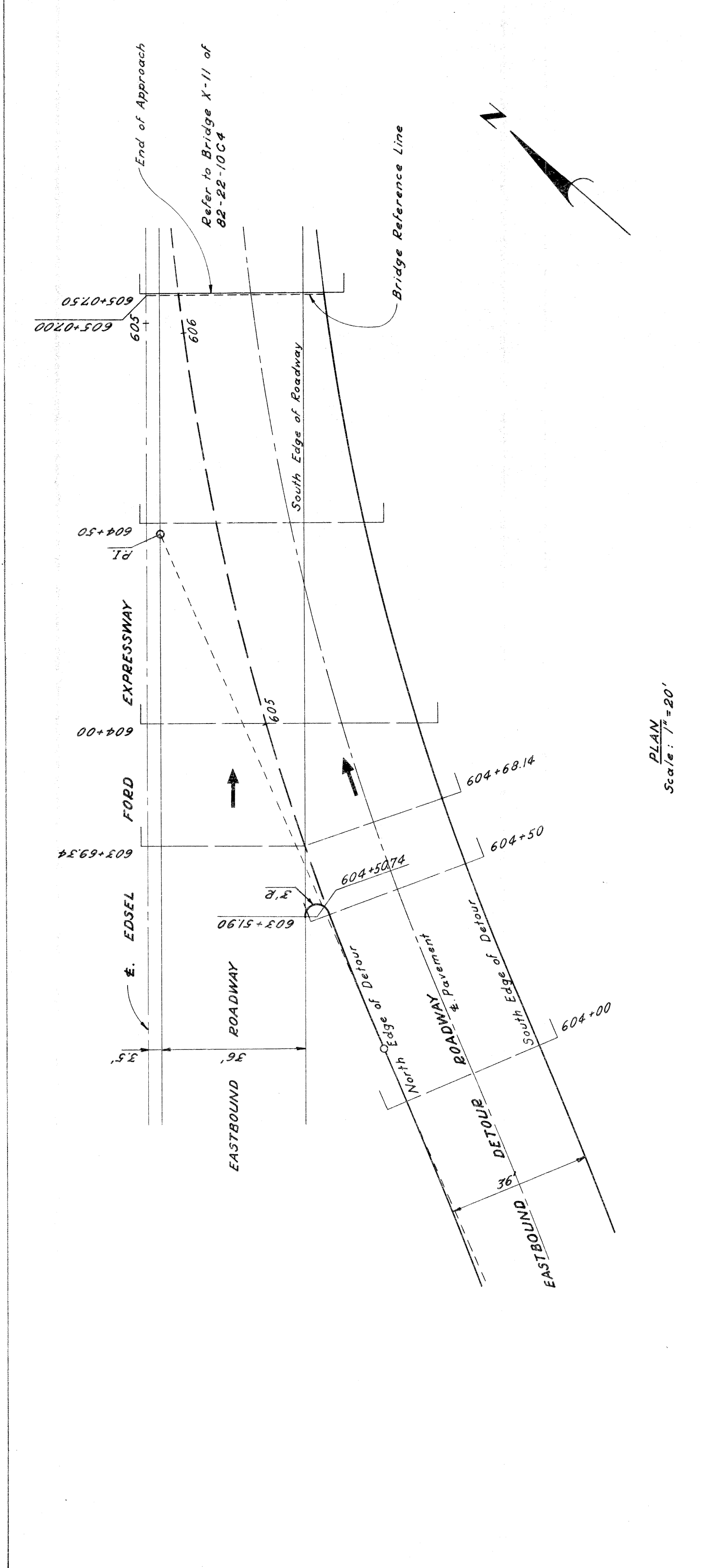
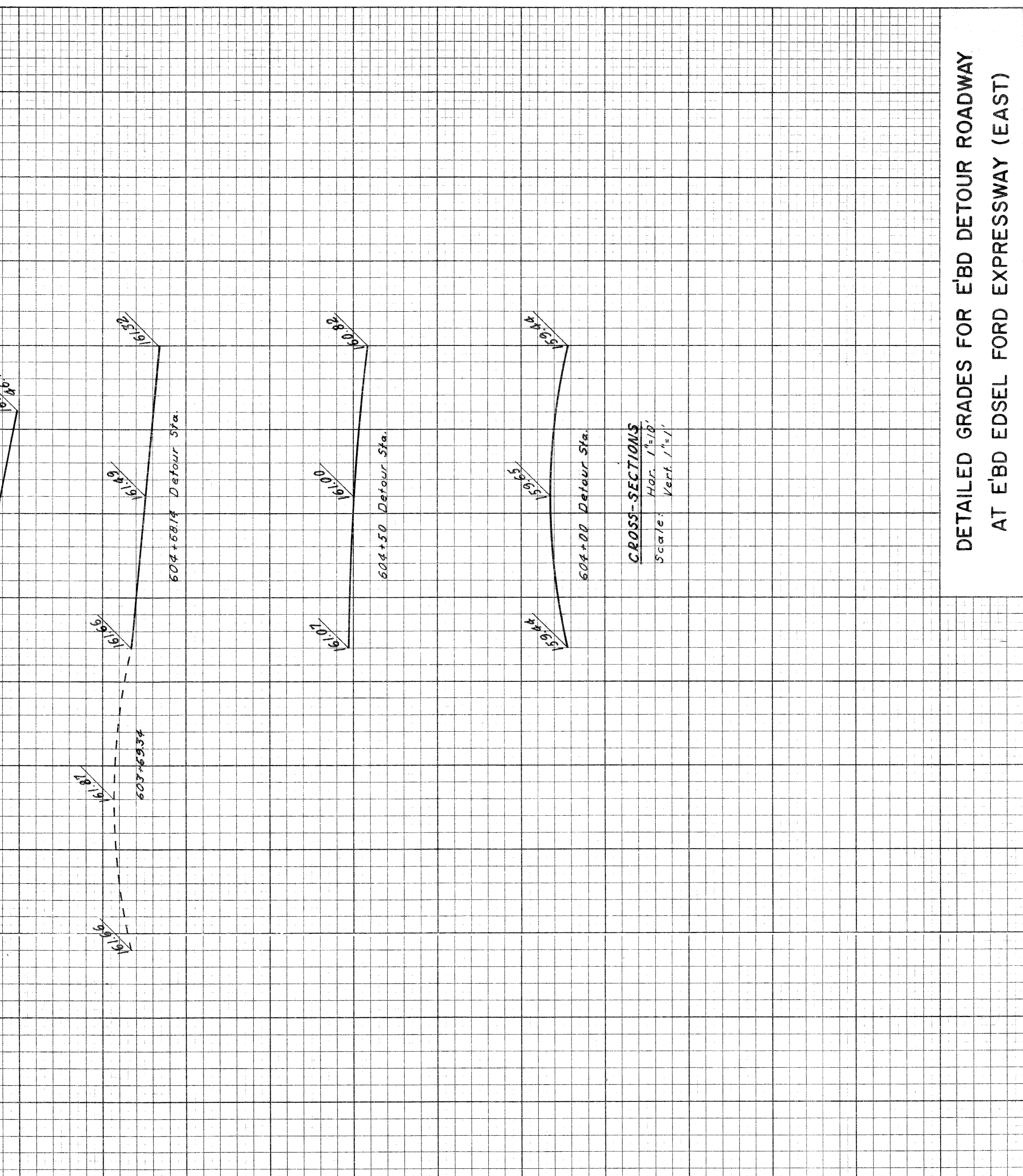
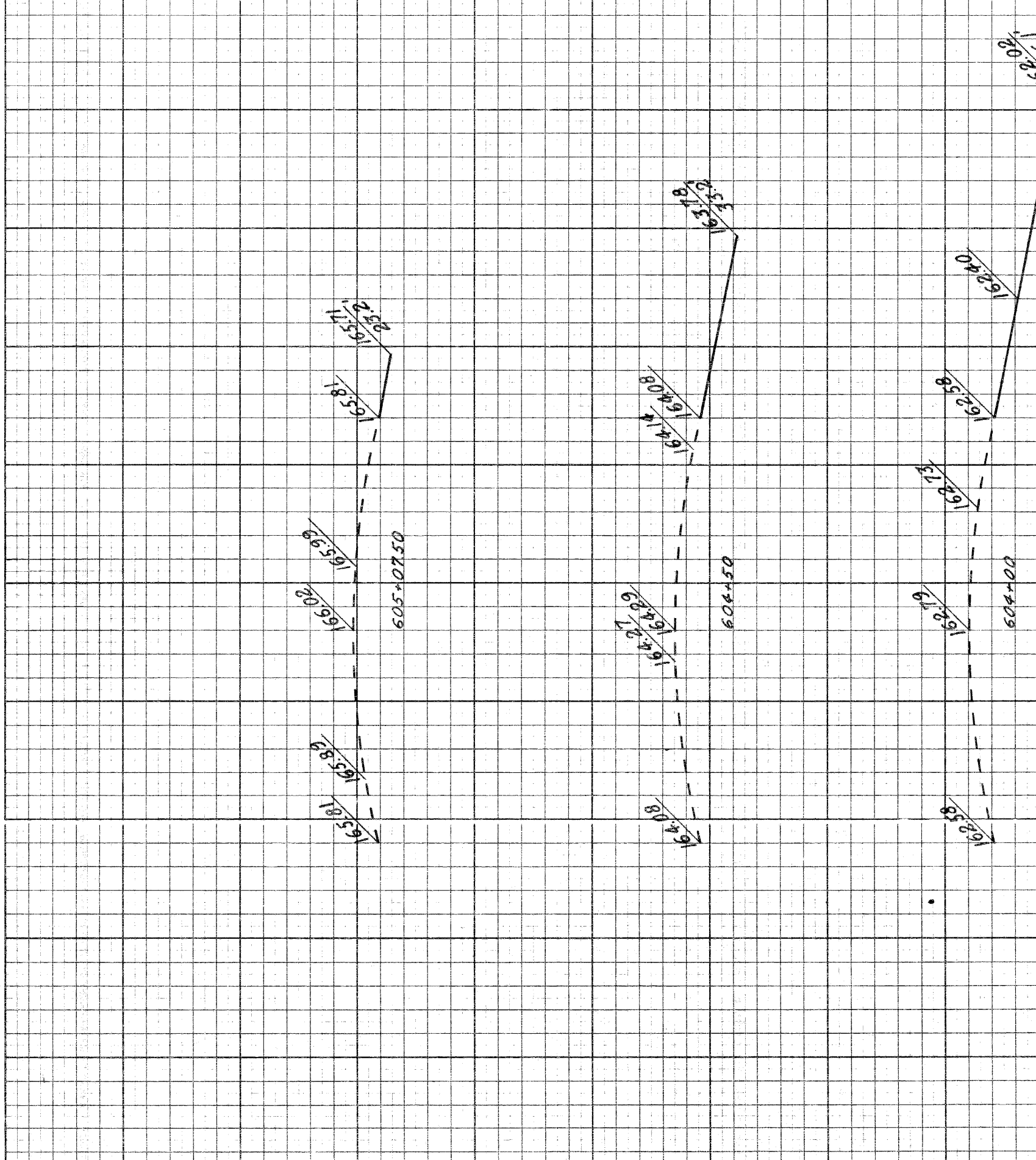








B.P. No.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	MICH.	1757/2623			
ROUTE	COUNTY	CITY			
82251	Wayne	Detroit			



PLANS PREPARED BY  
CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE  
BUREAU OF HIGHWAYS AND EXPRESSWAYS

CHECKED	DATE
COMPUTED	
PLOTTED	
BY	

DATE	BY
1/60	J.W. WICKLEY
2/60	J.M. BEELD
2/60	M.J. M'CURRY
4/60	A.E. PAGEB
7-70	M.H. HALL

RECOMMENDED FOR APPROVAL  
SOUND LEADER  
PLAN CHECKED  
PLAN DRAWN  
PLAN DESIGNED

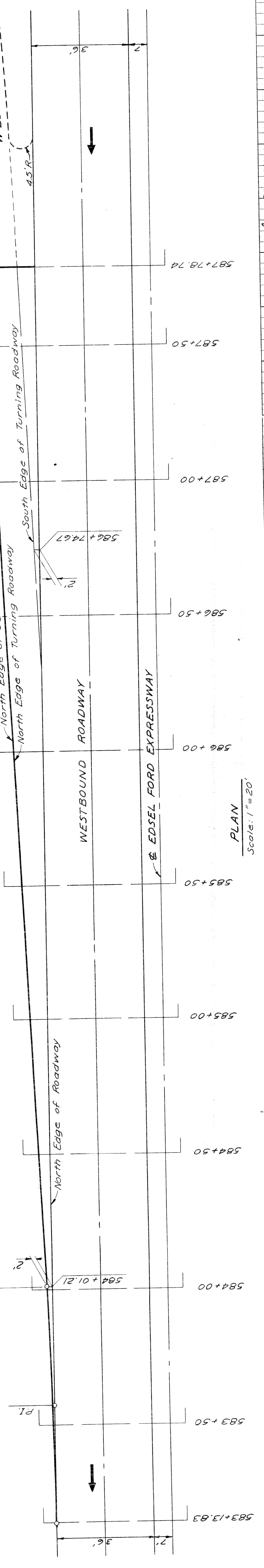
DETAILED GRADES FOR EBD DETOUR ROADWAY  
AT EBD EDEL FORD EXPRESSWAY (EAST)



B.P. NO.	STATE	PROJ. NO.	SHEET NO.	TOTAL SHEETS
4	MI.	17573253	17573253	17573253
ROUTE	COUNTY	CITY	SHEET NO.	TOTAL SHEETS
B2251	Wayne	Detroit	53	53

For Detailed Grades of Temporary Pavement See Sh. #56

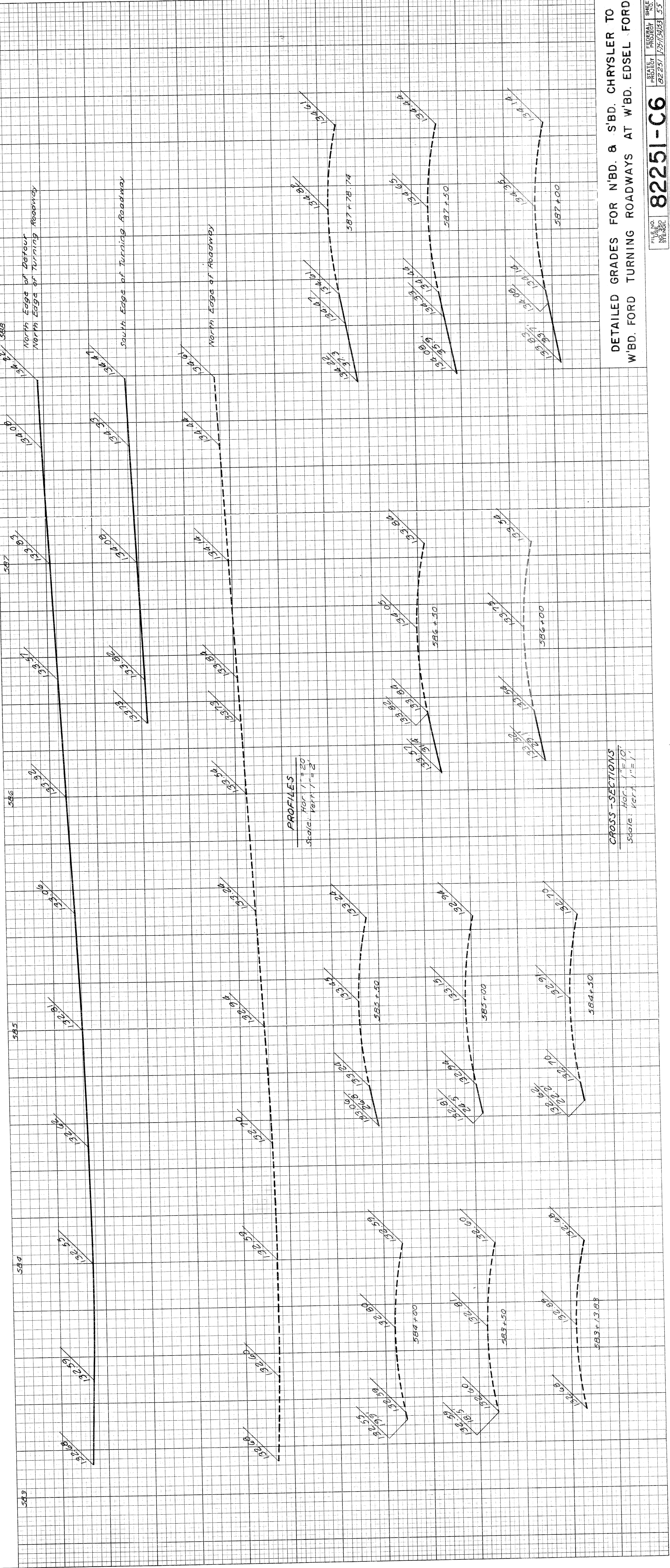
FUTURE N.B.D. & S.B.D. TO W.B.D. TURNING ROADWAYS



PLAN  
Scale: 1" = 20'

10" Uniform Concrete.

Permanent Pavement Concrete Base Course 9" Uniform (Reinr.) with 2" Bituminous Concrete.



PROFILES  
Scale: Hor. 1" = 30'  
Vert. 1" = 2'

CROSS-SECTIONS  
Scale: Hor. 1" = 10'  
Vert. 1" = 1'

PLANS PREPARED BY  
CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE  
BUREAU OF HIGHWAYS AND EXPRESSWAYS

DATE	BY

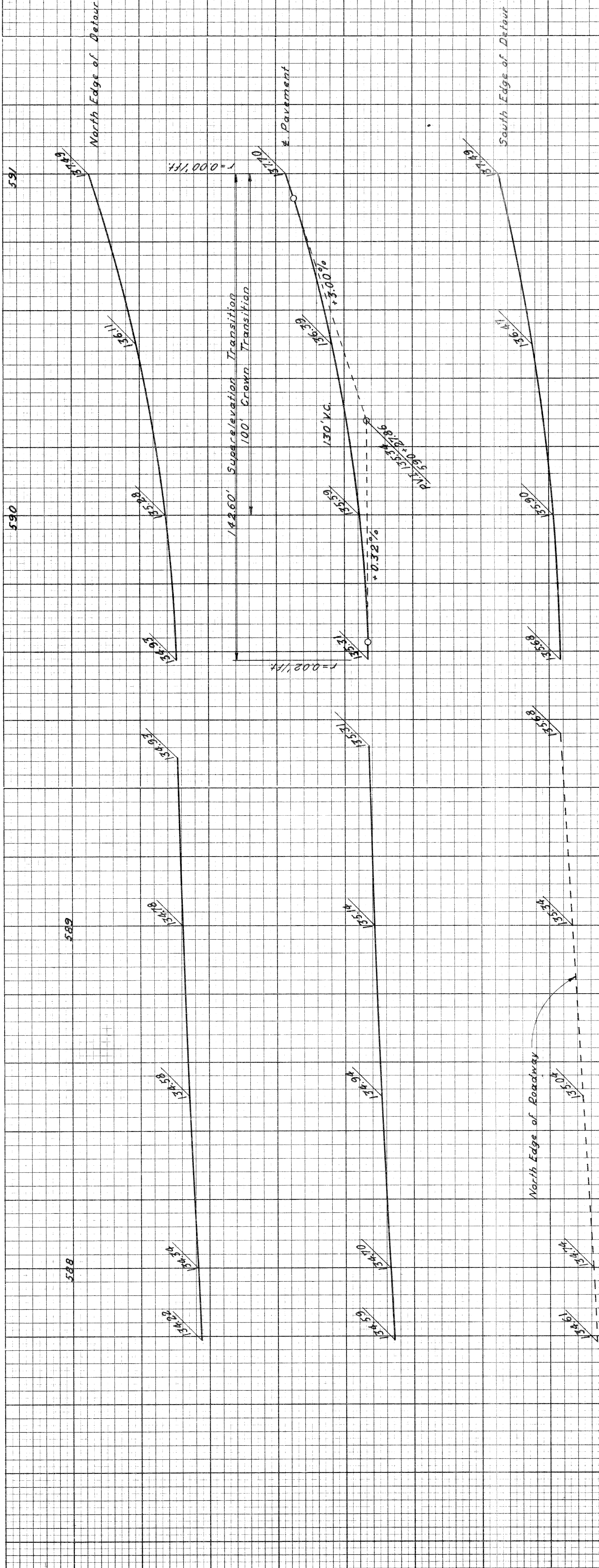
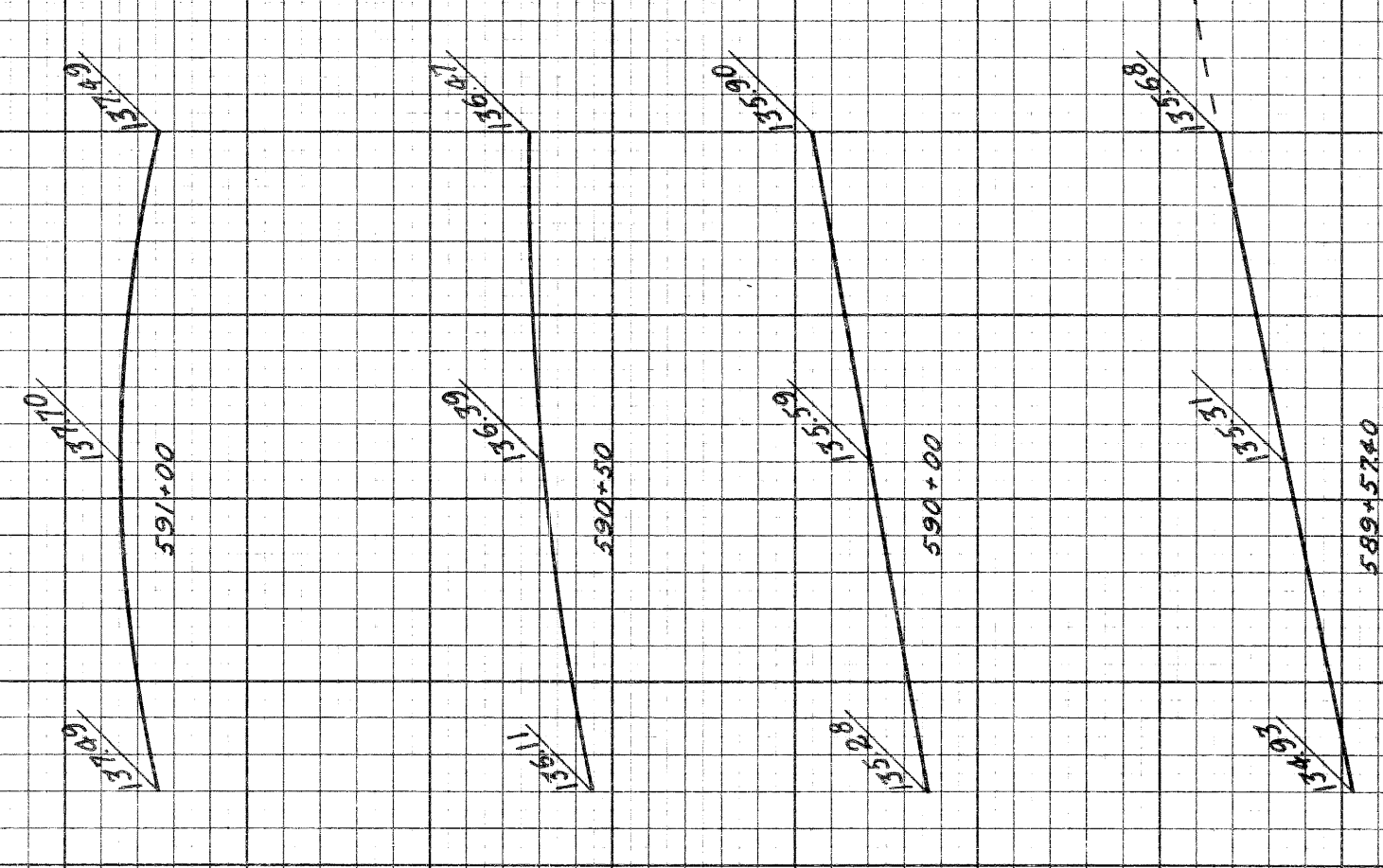
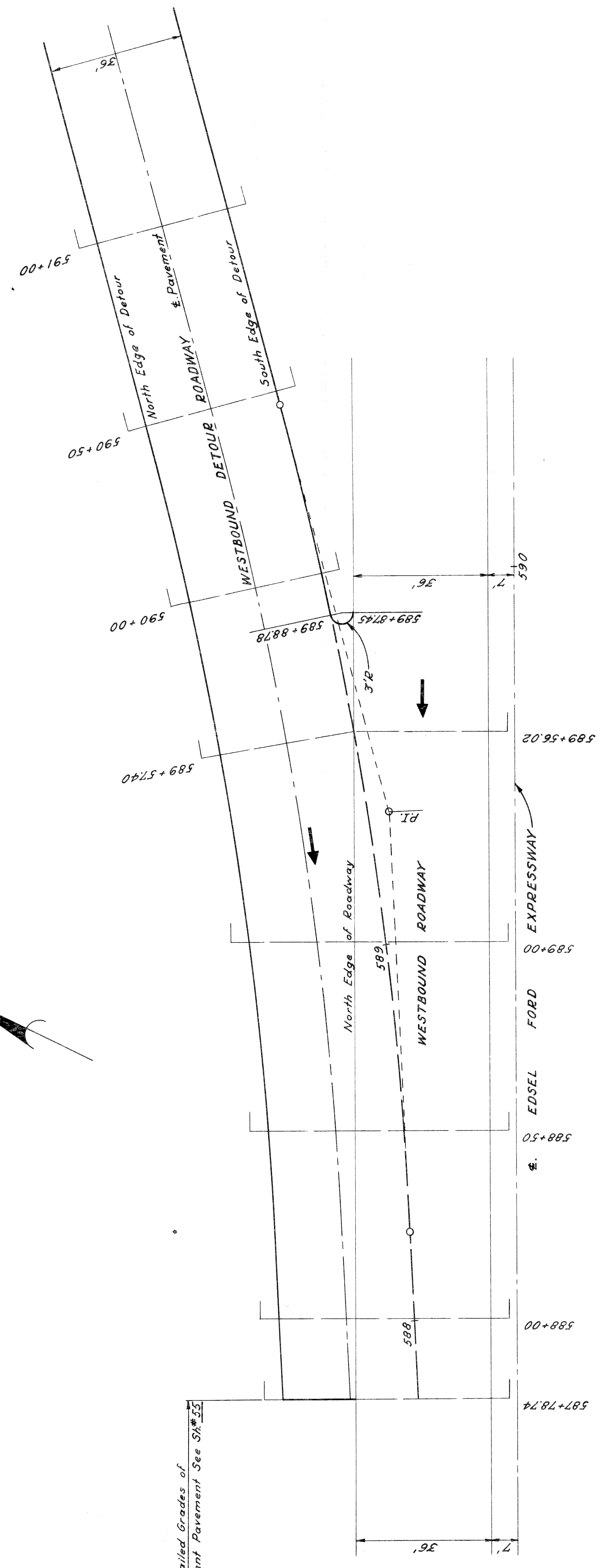
DATE 1/60  
E.B. PLATER  
E.R. WOLKAY  
W.J. McCUREY  
A.E. FRAGER  
RECOMMENDED FOR APPROVAL  
CITY ENGINEER  
A. J. FLETCHER

FILE NO. 82251-66  
PROJECT 82251-17573253  
SHEET 53

DETAILED GRADES FOR N.B.D. & S.B.D. CHRYSLER TO W.B.D. FORD TURNING ROADWAYS AT W.B.D. EDESEL FORD



STATE	PROJ. NO.	YEAR	SHEET NO.	TOTAL SHEETS
MICH	7-27-1943		56	56
COUNTY	CITY			
Wayne	Detroit			
ROUTE				
82251				



CEOS-S-SECTIONS  
 HORIZ. 1"=10'  
 VERT. 1"=10'

PROFILES  
 Hor. 1"=20'  
 Vert. 1"=2'

DETAILED GRADES FOR WBD DETOUR ROADWAY  
 AT WBD EDEL FORD EXPRESSWAY (WEST)

PLANS PREPARED BY  
 CITY OF DETROIT  
 DEPARTMENT OF PUBLIC WORKS  
 CITY ENGINEERS OFFICE  
 BUREAU OF HIGHWAYS AND EXPRESSWAYS

CHECKED	
COMPUTED	
PLOTTED	
BY	
DATE	

BY	J.M. CURRY
DESIGNED	J.M. BREED
DRAWN	J.M. CURRY
CHECKED	K. E. DANCE
APPROVED FOR APPROVAL	J. E. HALL
DATE	7/60
SCALE	1"=20'







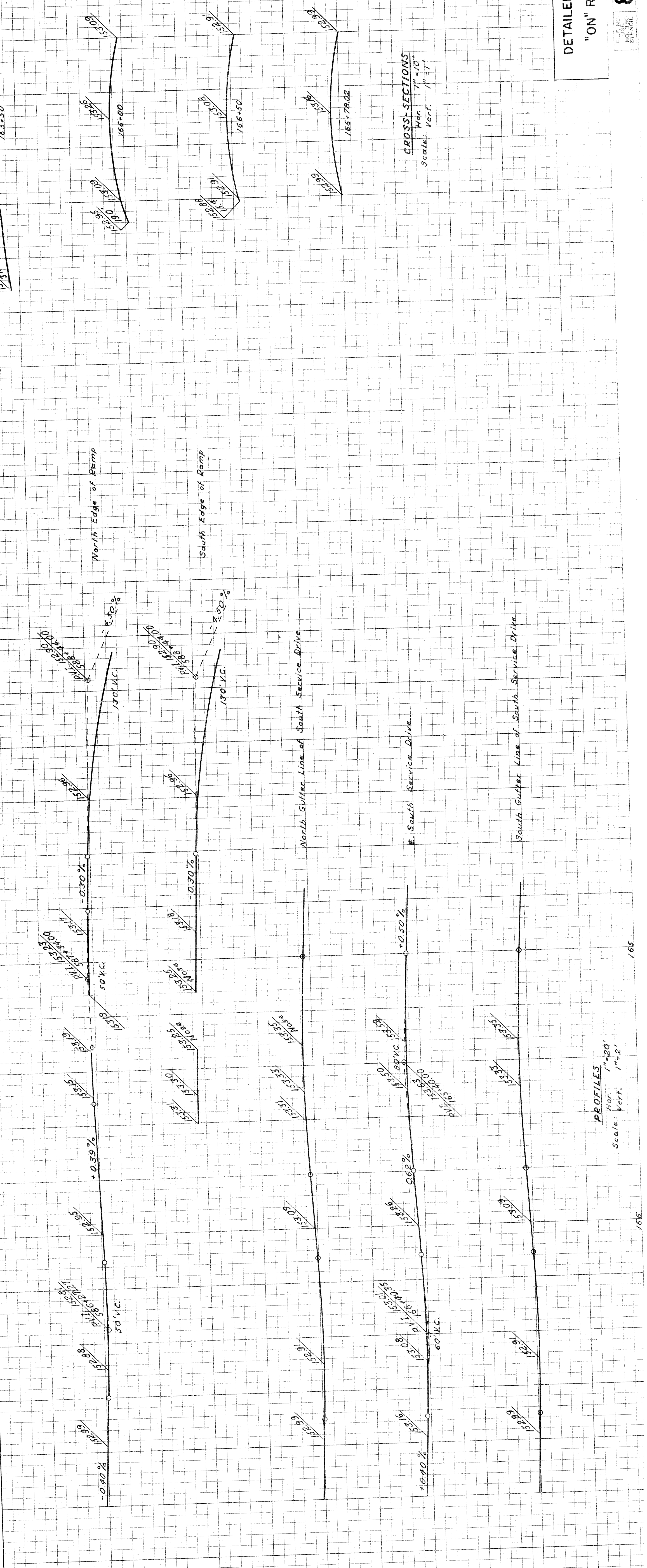
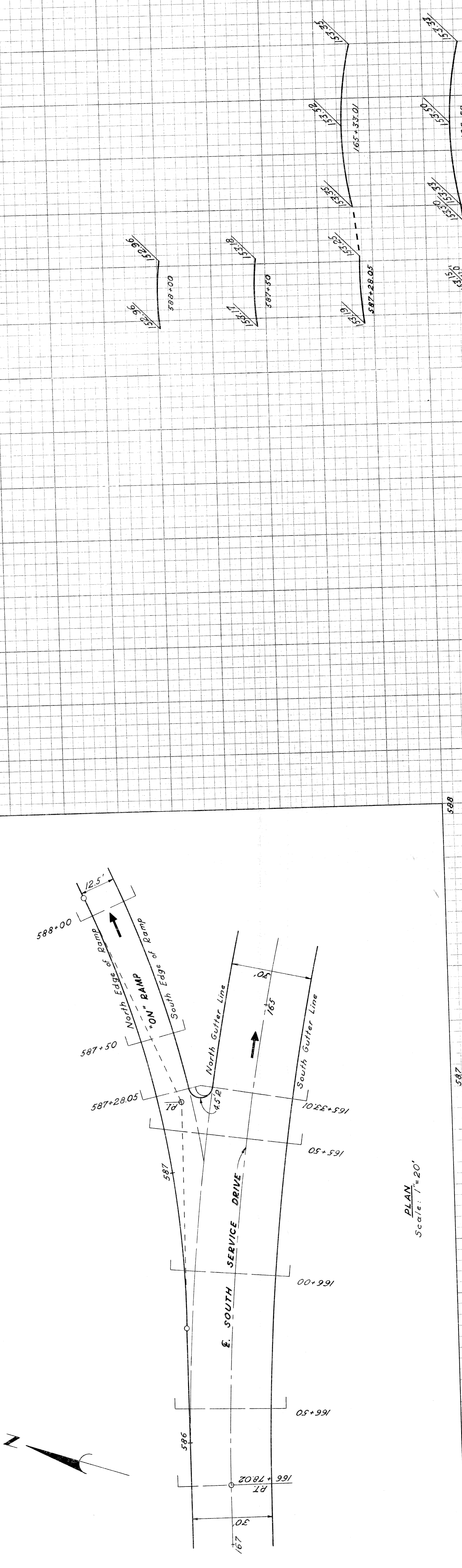




B. P. R. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	MICH.	1725/2023	2023	15	15
ROUTE	PROJECT	COUNTY	CITY	SHEET NO.	TOTAL SHEETS
82251	Wayne Detroit	Wayne	Detroit	15	15

DETAILED GRADES FOR EBD EDEL FORD  
"ON" RAMP AT SOUTH SERVICE DRIVE

82251-C6  
DATE: 11/10/23  
PROJECT: 1725/2023



CROSS-SECTIONS  
Hor. 1"=10'  
Vert. 1"=1'

PLANS PREPARED BY  
CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE  
BUREAU OF HIGHWAYS AND EXPRESSWAYS

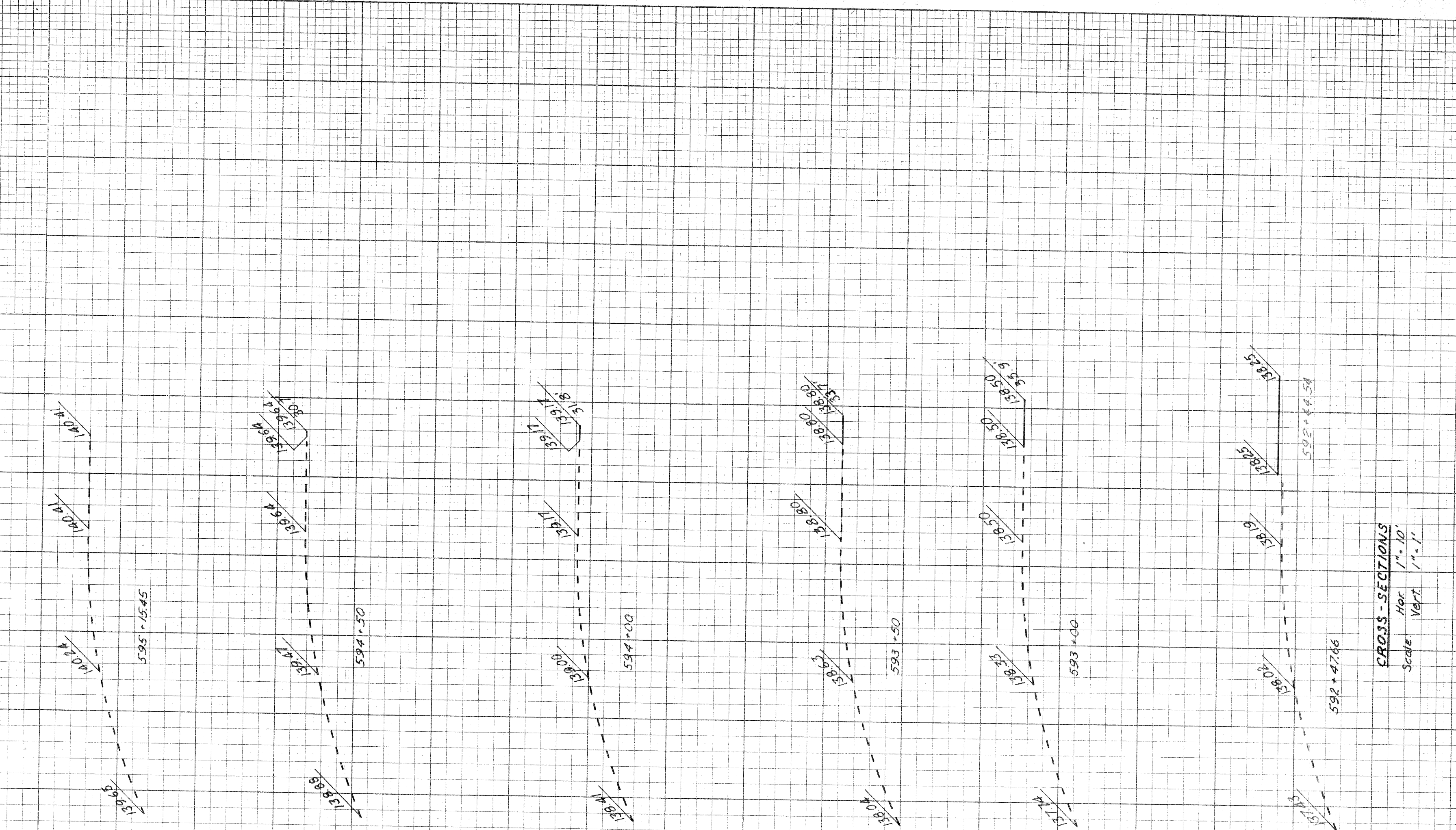
NO.	DATE	BY

DATE	BY
11/10/23	W.M. McCURRY
11/10/23	J.M. BARKER
11/10/23	A.E. PEAZER
11/10/23	K.N. HICKS

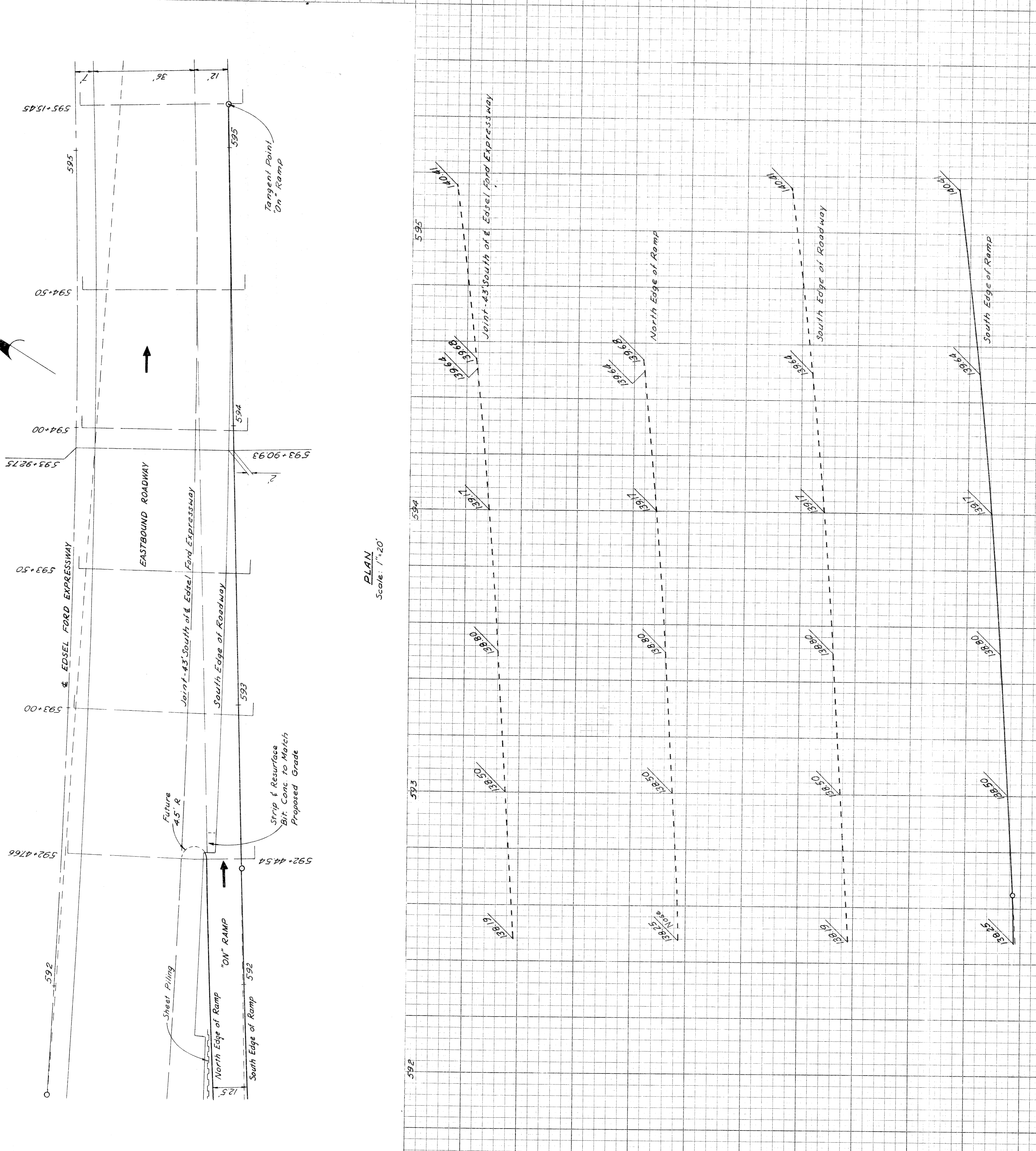
RECOMMENDED FOR APPROVAL



B.P.R. DIV. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	MICH.	12272025			
ROUTE	COUNTY	CITY	PROJECT	SHEET NO.	TOTAL SHEETS
82251	Wayne	Detroit	80		



PLAN  
Scale: 1"=20'



PROFILES  
Scale: Hor. 1"=20'  
Vert. 1"=2'

CROSS-SECTIONS  
Scale: Hor. 1"=10'  
Vert. 1"=1'

DETAILED GRADES FOR EBD EDEL FORD  
"ON" RAMP AT EDEL FORD EXPRESSWAY

82251-C6  
PUBLIC WORKS DEPARTMENT  
CITY OF DETROIT

PLANS PREPARED BY  
CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE  
BUREAU OF HIGHWAYS AND EXPRESSWAYS

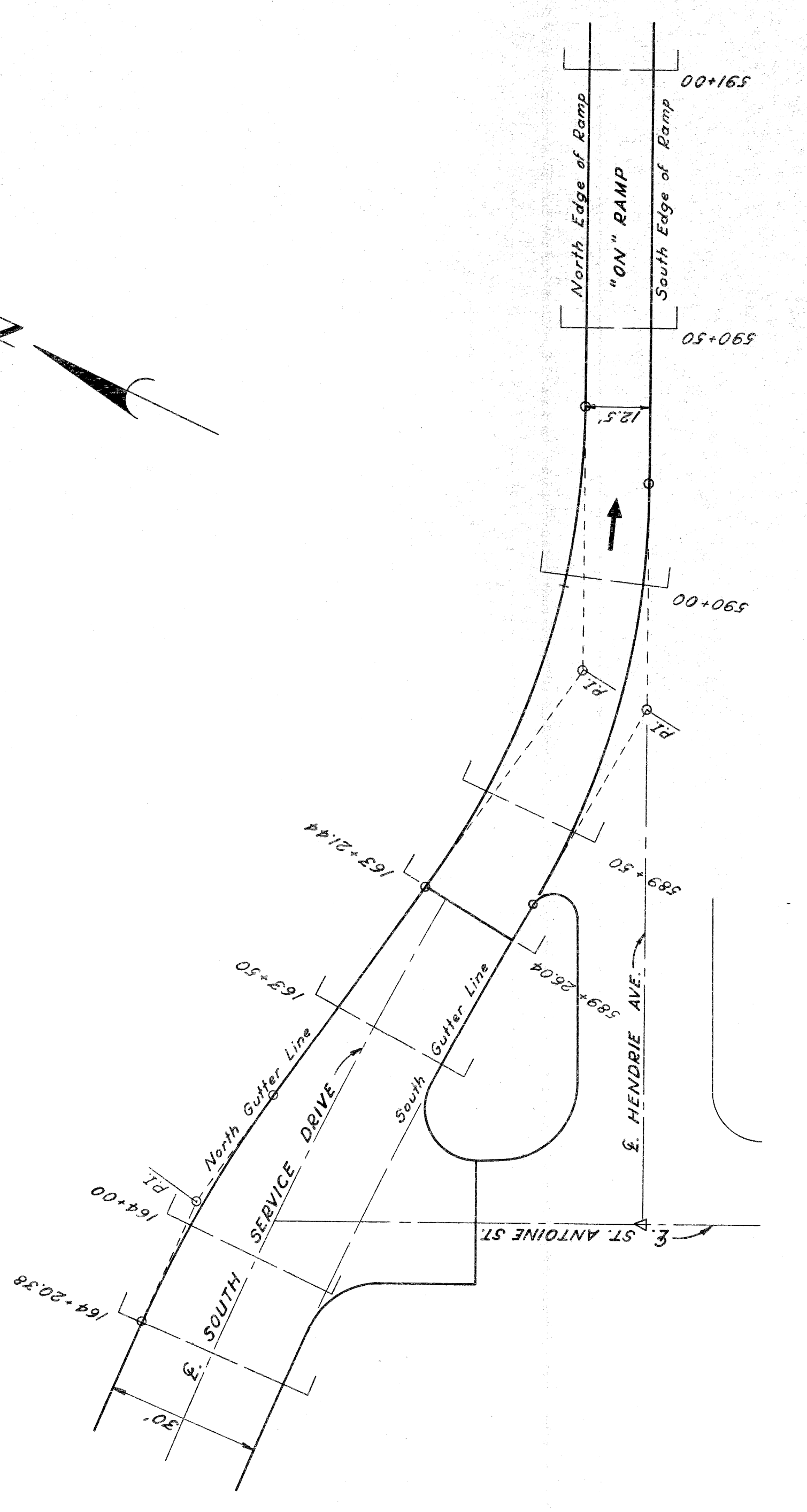
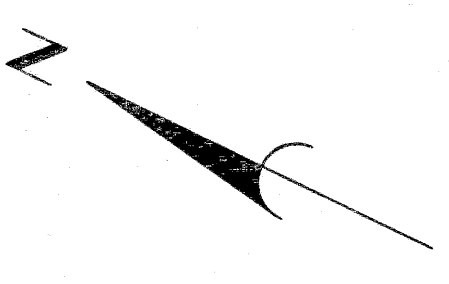
NO.	AREAS CHECKED
1	FINAL SURVEY
2	FLOTTED
3	TEMPERATURE
4	NOTE BOOK
5	AREAS
6	AREAS CHECKED

DATE	1/20
ORIGINAL SURVEY	W.M. McCLURE
FLOTTED	R.B. PLETCHER
TEMPERATURE	W.J. McCLURE
NOTE BOOK	A.E. PLETCHER
AREAS CHECKED	M.T. McCLURE
NO.	7-60

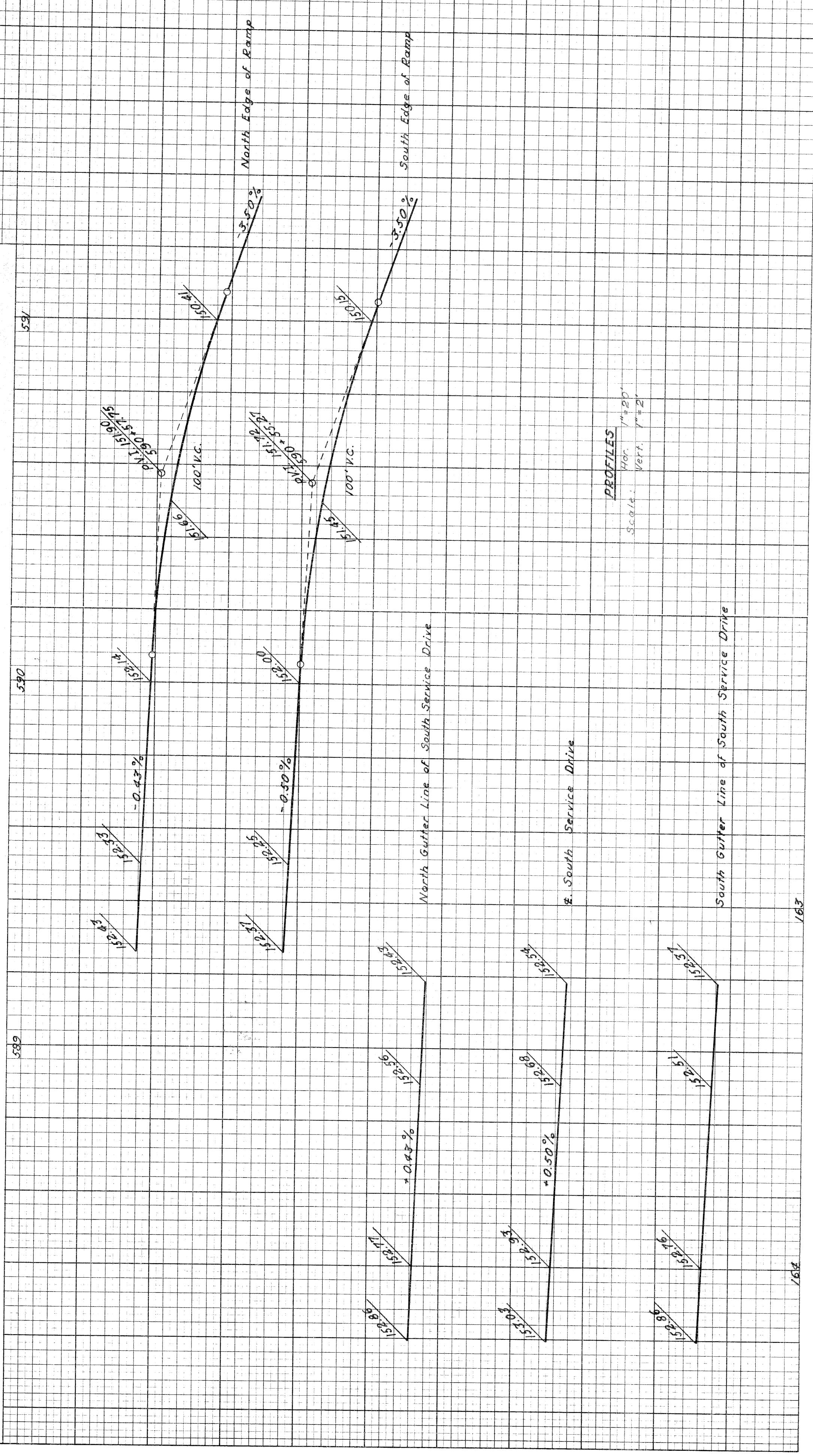
RECOMMENDED FOR APPROVAL  
SQUAD LEADER  
PLAN CHECKED  
PLAN DRAWN  
PLAN DESIGNED



STATE	PROJ. NO.	SHEET NO.
MICH.	1-257/2223	1
COUNTY	CITY	SHEET TOTAL
Wayne	Detroit	61
ROUTE	82251 Wayne Detroit 61	



PLAN  
Scale: 1"=20'



PROFILES  
Hor. 1"=20'  
Vert. 1"=2'

GROSS SECTIONS  
Apr. 1"=10'  
Scale: Vert. 1"=1'

PLANS PREPARED BY  
CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE  
BUREAU OF HIGHWAYS AND EXPRESSWAYS

CHECKED	BY	DATE
COMPUTED		
PLOTTED		

DATE	BY	DESCRIPTION
1/20	W.M. CURRY	PLAN DRAWN
2/60	W.M. CURRY	PLAN CHECKED
2/60	A.E. DEAGRE	3RD AD. FOR APPROVAL
7-50	K.M. HARRIS	RECOMMENDED FOR APPROVAL

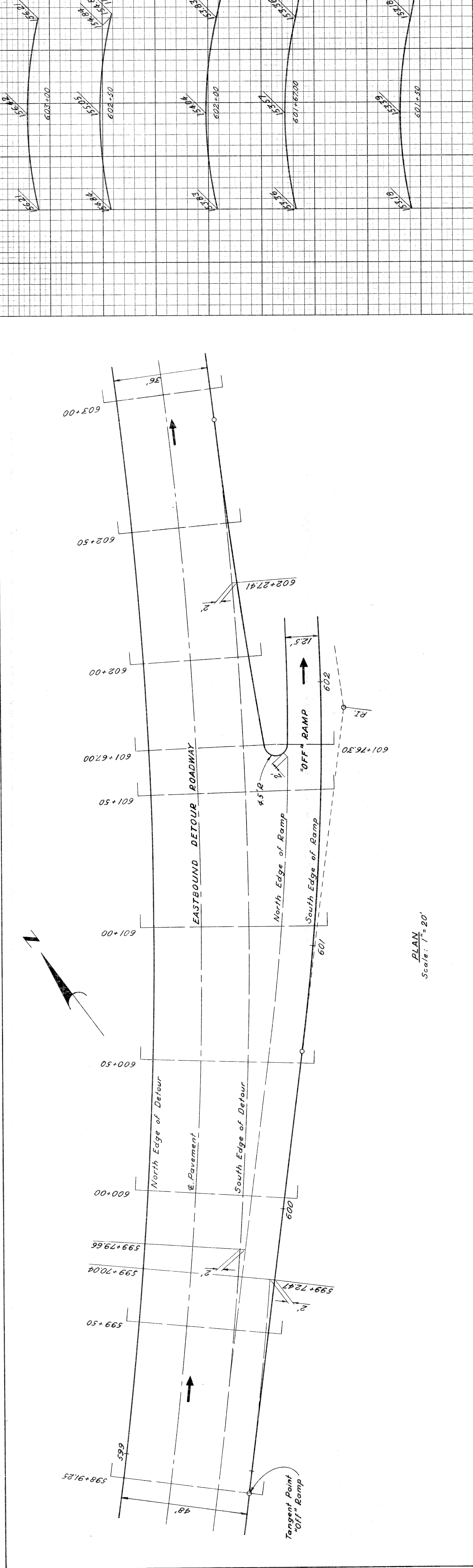
DETAILED GRADES FOR EBD DETOUR  
"ON" RAMP AT SOUTH SERVICE DRIVE



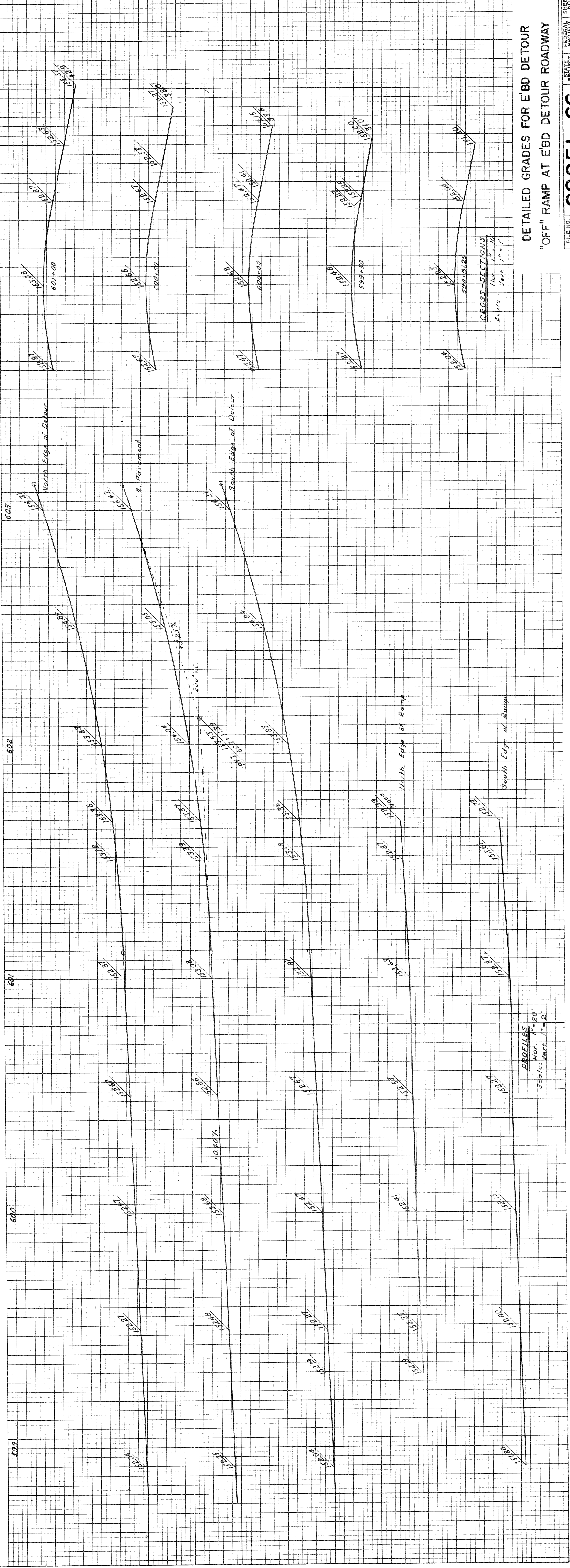




B.P. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
4	MI.	1271(2)33		63	101
ROUTE	COUNTY	CITY			
82251	Wayne	Detroit			



PLAN  
Scale: 1"=20'



PROFILES  
Hor. 1"=20'  
Vert. 1"=2'

CROSS-SECTIONS  
Scale: Vert. 1"=1'

DETAILED GRADES FOR E'BD DETOUR  
"OFF" RAMP AT EBD DETOUR ROADWAY

FILE NO.	PROJECT	SHEET NO.
82251	1271(2)33	63

82251-C6

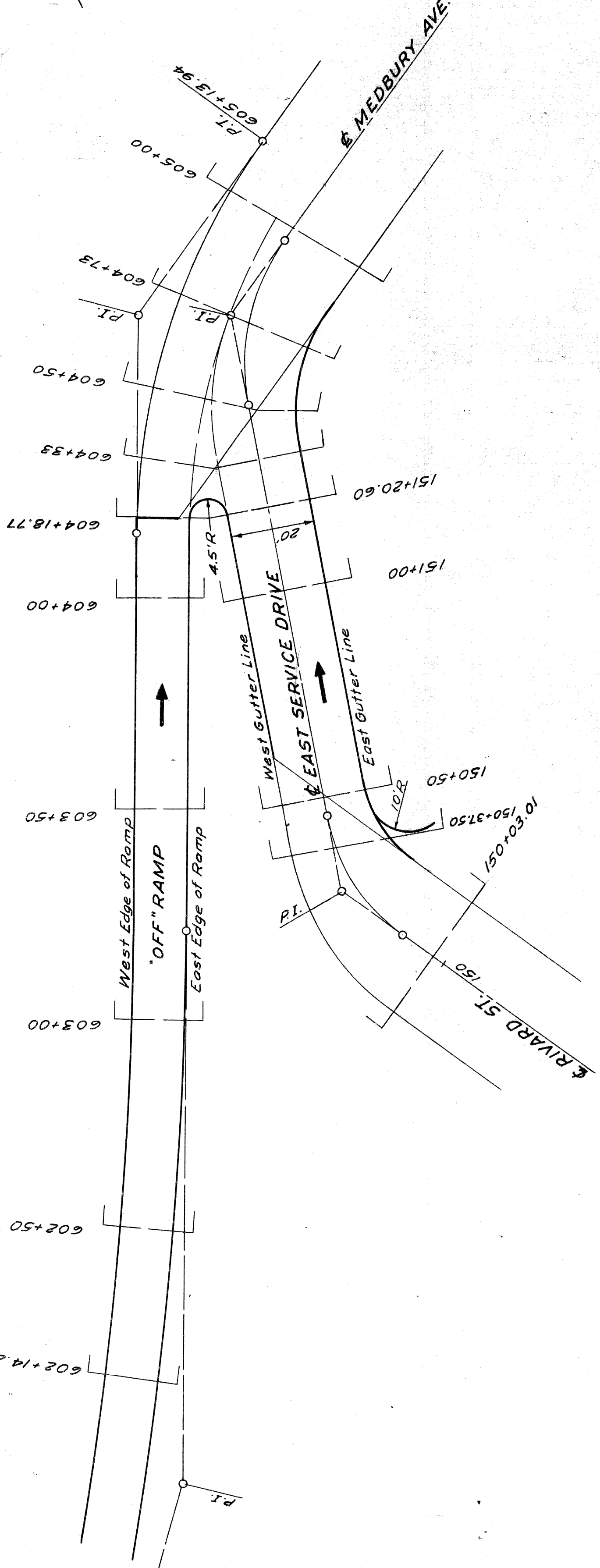
PLANS PREPARED BY  
CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE  
BUREAU OF HIGHWAYS AND EXPRESSWAYS

CHECKED	DATE
COMPUTER	
PLOTTED	
BY	

DATE	BY
1/20	J. WICKERY
1/20	J. M. BREED
1/20	M. J. M. CUBER
1/20	M. E. FRAGER
1/20	M. J. M. CUBER
1/20	M. E. FRAGER
1/20	M. J. M. CUBER
1/20	M. E. FRAGER

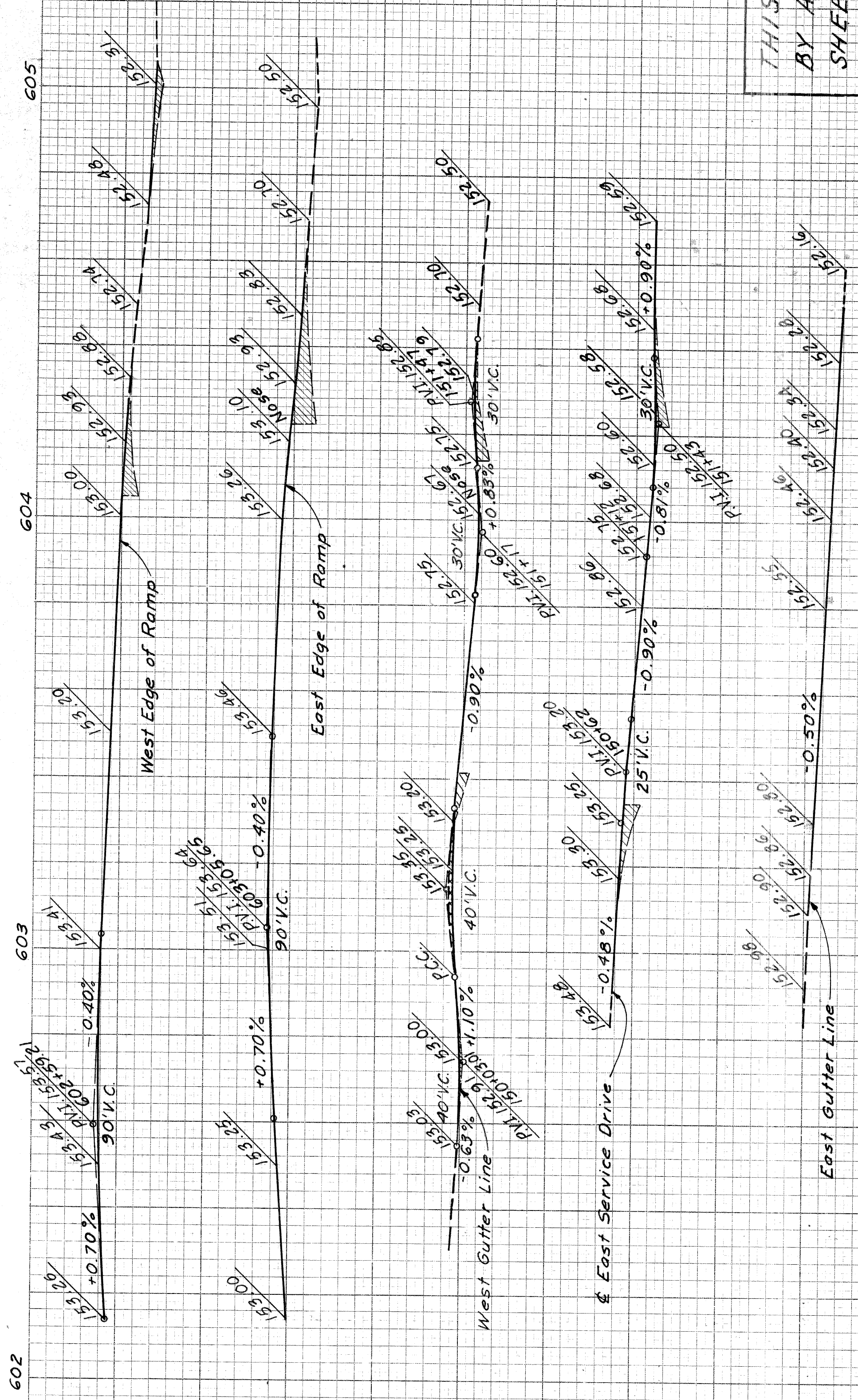


STATE	PROJ. NO.	FISCAL YEAR	TOTAL SHEETS
MI	125744233		64
COUNTY	CITY	SHEET NO.	SHEET TOTAL
Wayne	Detroit	64	64
ROUTE	PROJECT		
82251	Wayne Detroit		



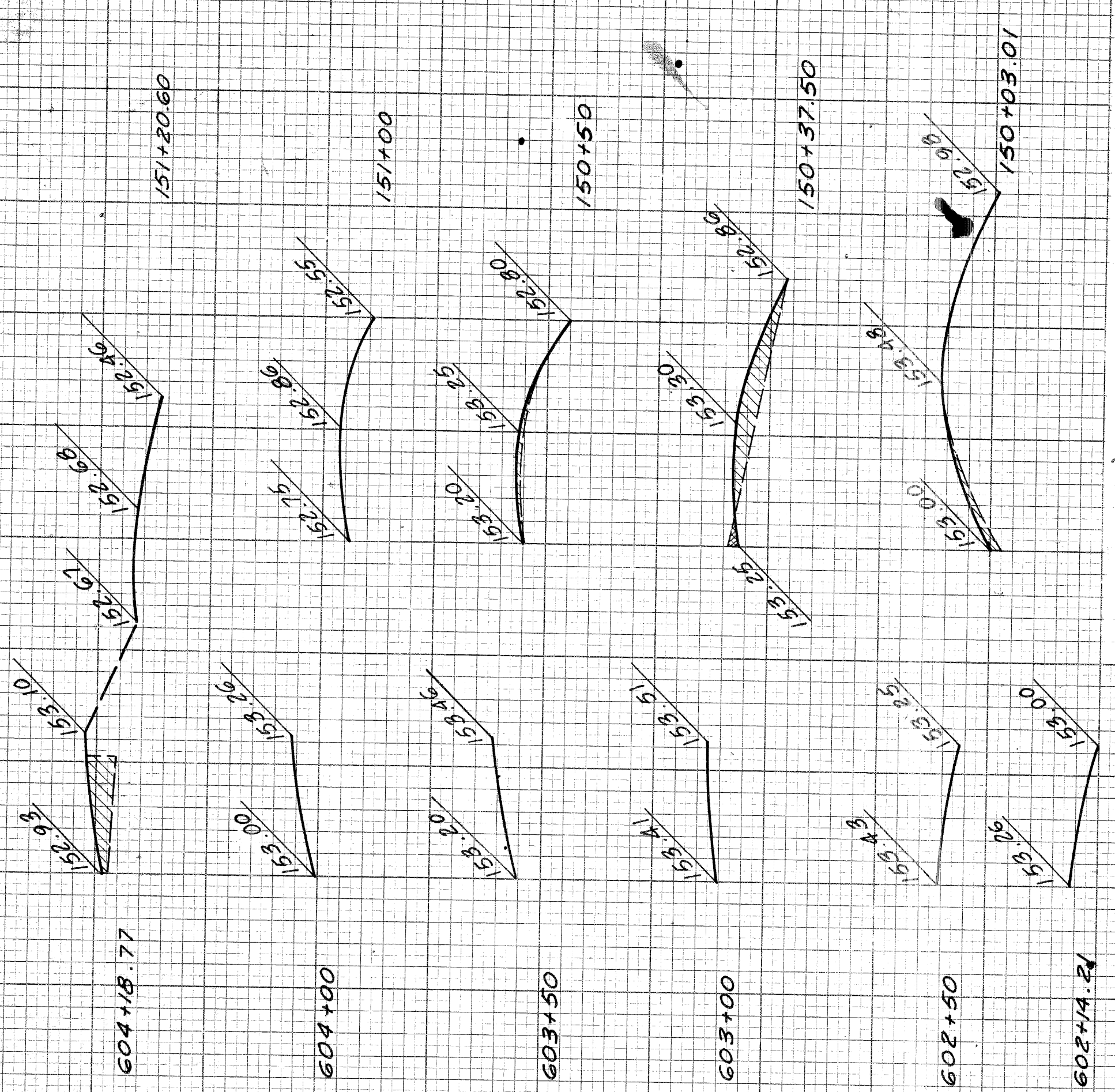
**LEGEND**  
 --- Resurface Exist. Asph. Surface  
 --- Remove Exist. Asph. Surface

**PLAN**  
 Scale: 1"=20'



**PROFILES**  
 Scale: Horz: 1"=20'  
 Vert: 1"=2'

**CROSS-SECTIONS**  
 Horz: 1"=10'  
 Vert: 1"=4'



**DETAILED GRADES FOR 'OFF' RAMP AND EAST SERVICE DRIVE**

**82251-C6**

PLANS PREPARED BY	DATE
CITY OF DETROIT	
DEPARTMENT OF PUBLIC WORKS	
CITY ENGINEERS OFFICE	
BUREAU OF HIGHWAYS AND EXPRESSWAYS	

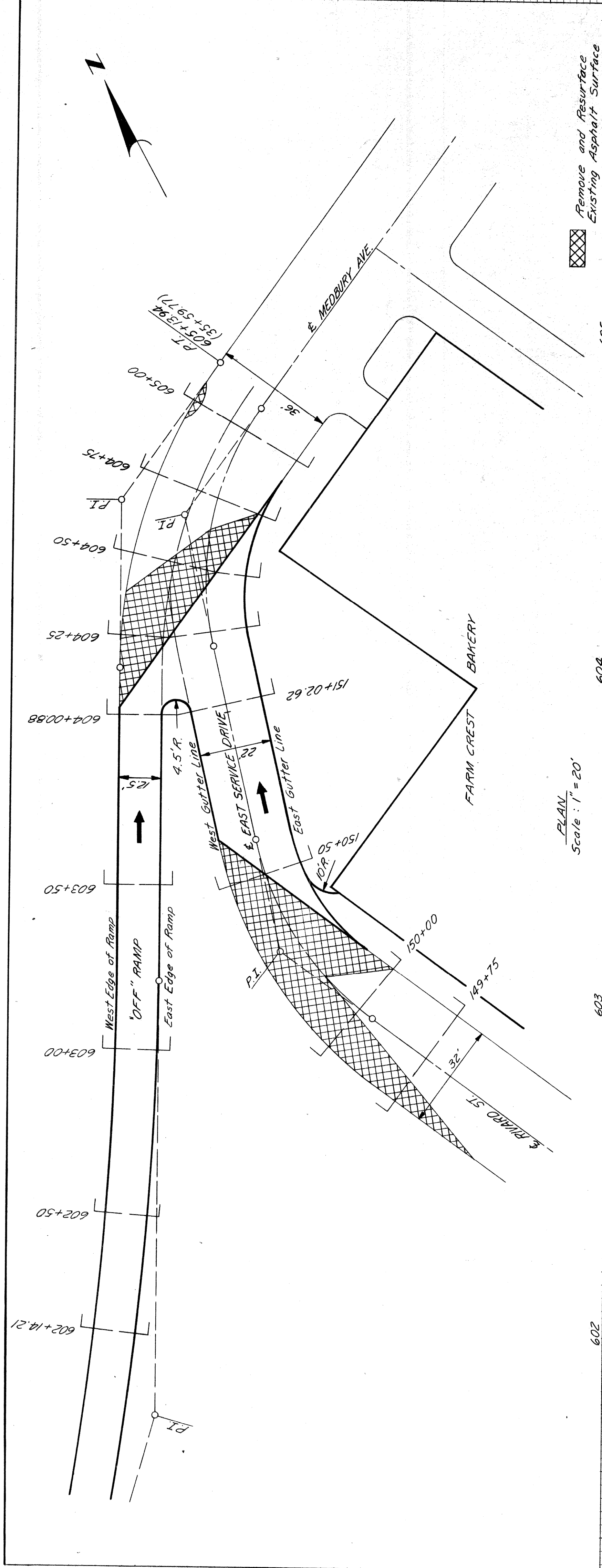
NO.	AREAS CHECKED
1	FINAL SURVEY
2	FLIGHTS
3	NOTE BOOK
4	TEMPLATE
5	AREAS CHECKED

DATE	BY
7-20	N. KAWAS
7-20	M. HARRIS
7-20	A. PAPER
7-20	M. KRAMER
7-20	AREAS CHECKED

DESIGNED BY	DATE
N. KAWAS	7-20
CHECKED BY	DATE
M. HARRIS	7-20
APPROVED BY	DATE
A. PAPER	7-20
RECOMMENDED FOR APPROVAL	DATE
M. KRAMER	7-20
PROJECT NO.	82251-125744233
SHEET NO.	64

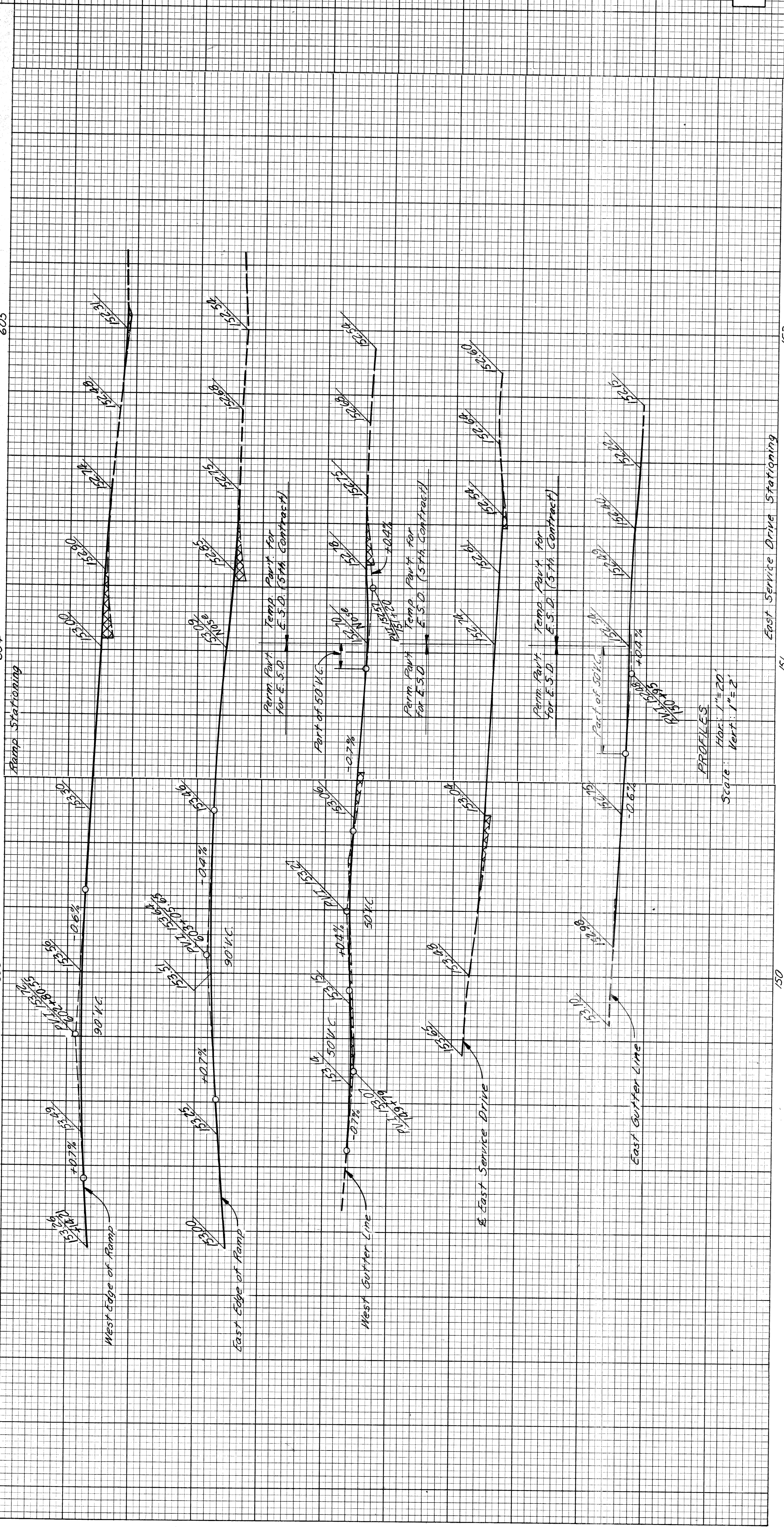


STATE	PROJ. NO.	SHEET	SHEETS
MICH.		LEARN	644
COUNTY	CITY	SHEET	SHEETS
Washtenaw	Ann Arbor	NO.	644
ROUTE	DATE		
222ST	10/15/50		



Remove and Resurface Existing Asphalt Surface

PLAN Scale: 1" = 20'



PROFILES Scale: 1" = 20' Vert: 1" = 2'

CROSS-SECTIONS Scale: Hor: 1" = 40' Vert: 1" = 1'

Revised by Ruth 1009

This Sheet Supersedes Sheet # 64

DETAILED GRADES FOR E.B.D. DETOUR "OFF" RAMP AND EAST SERVICE DRIVE

FILE NO.	PROJECT	SHEET
1009	E.B.D. DETOUR	64

DATE	BY	PLOTTED	CHECKED



STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.
MICH.	12-22-21	2021	65
COUNTY	CITY	SHEET NO.	SHEET NO.
Wayne	Detroit	65	65
ROUTE	82251		

DATE	BY	CHECKED
1/60	R.M. BLATTNER	
1/60	E. K. BENDER	
1/60	J.M. BREED	
1/60	K.E. FRANKS	
2/60	M.H. [unclear]	

RECOMMENDED FOR APPROVAL

PLANS PREPARED BY  
CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE  
BUREAU OF HIGHWAYS AND EXPRESSWAYS

DATE

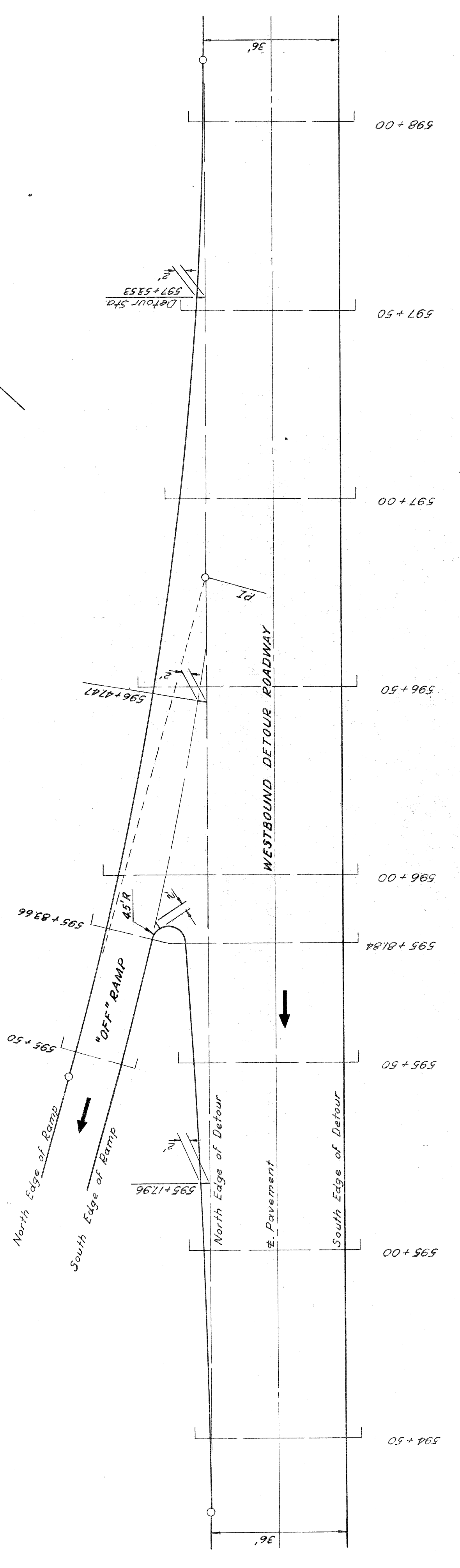
BY

CHECKED

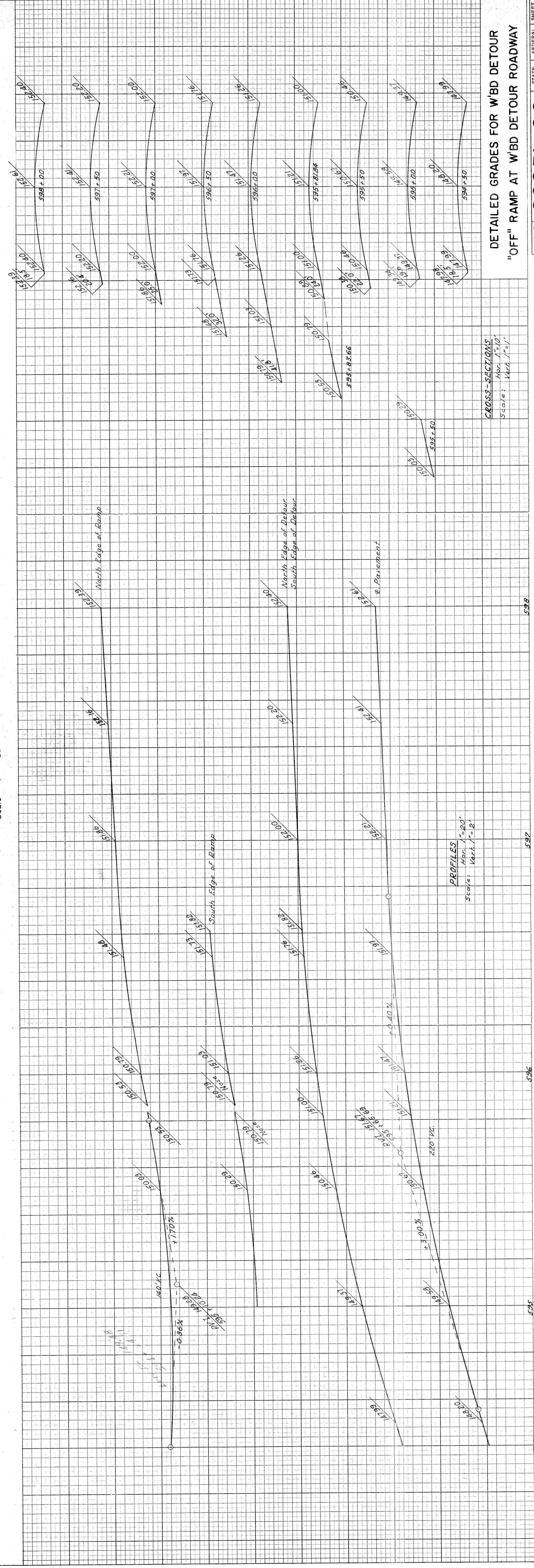
COMPUTED

PLOTTED

DATE



PLAN  
Scale: 1" = 20'



PROFILES  
Hor. 1" = 20'  
Vert. 1" = 2'  
Scale: Vert. 1" = 2'

CROSS-SECTIONS  
Hor. 1" = 10'  
Vert. 1" = 1'  
Scale: Vert. 1" = 1'

DETAILED GRADES FOR W'BD DETOUR  
"OFF" RAMP AT W'BD DETOUR ROADWAY

DATE	BY	CHECKED
1/60	R.M. BLATTNER	
1/60	E. K. BENDER	
1/60	J.M. BREED	
1/60	K.E. FRANKS	
2/60	M.H. [unclear]	

DATE	BY	CHECKED

PLANS PREPARED BY  
CITY OF DETROIT  
DEPARTMENT OF PUBLIC WORKS  
CITY ENGINEERS OFFICE  
BUREAU OF HIGHWAYS AND EXPRESSWAYS