

DESIGN DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	MICH.	250-C		1	1

ROUTE	STATE	COUNTY	TWP.	SHEET NO.	TOTAL SHEETS
M-153	082-36	WAYNE	DEARBORN	1	1

082-36 C2 covers paving from Sta. 189+20.2 to Sta. 394+02

MICHIGAN
STATE HIGHWAY DEPARTMENT
LANSING

**PLAN AND PROFILE OF PROPOSED
FEDERAL AID PROJ. NO. 250, SEC. C.
ANN ARBOR-DETROIT ROAD
STATE PROJ. NO. 082-36
WAYNE COUNTY
DEARBORN TWP., CITY OF DEARBORN
AND CITY OF DETROIT.**

INDEX OF SHEETS

Sheet #1	Title Sheet
" 2-3-3a	Typical Cross-Section
" 4	Special Provisions
" 5-12	Plan & Profile
" 13-16	Special Details
" 17	Quantity Sheet

STANDARD PLANS

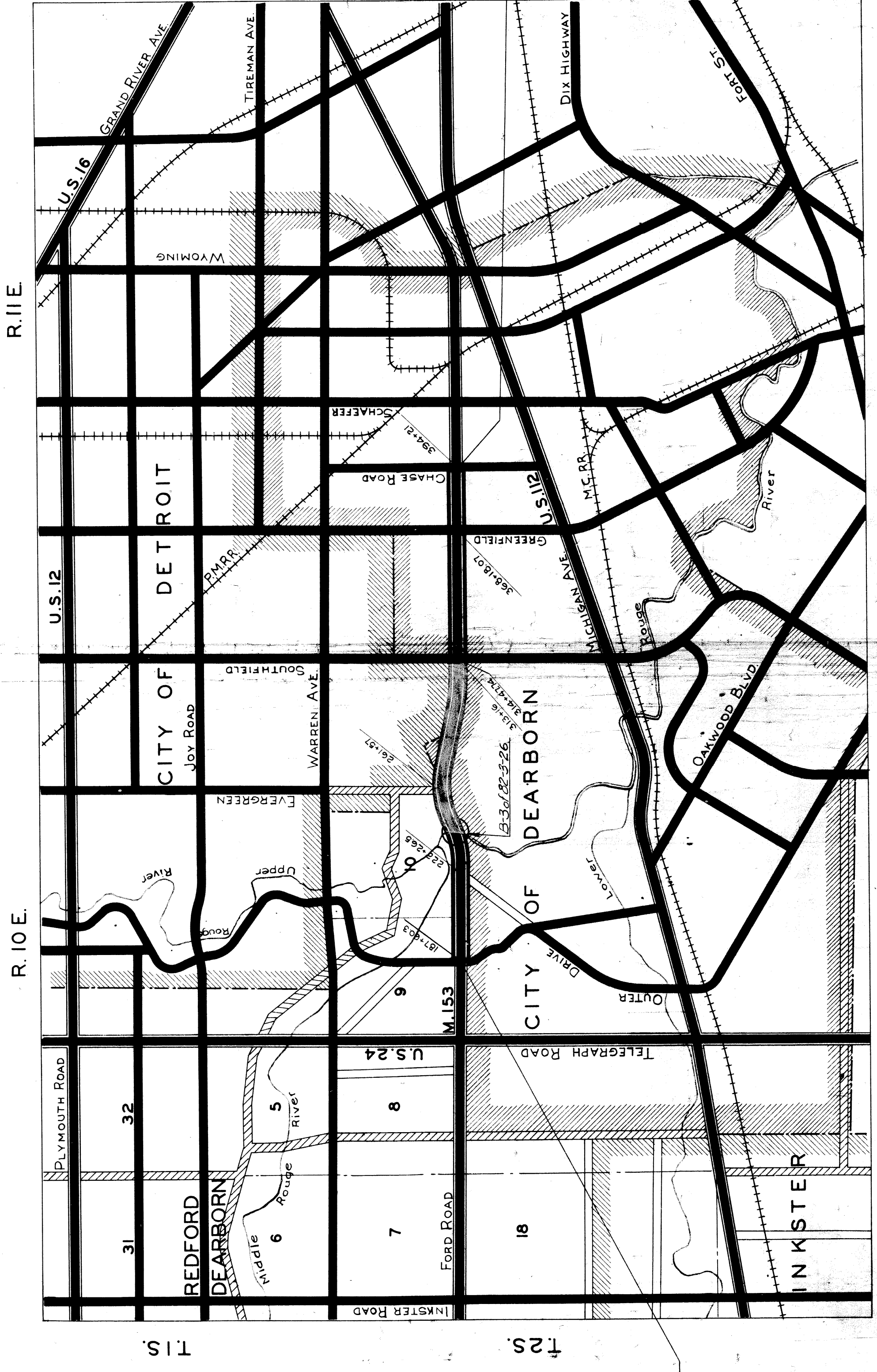
E-4-A-16
E-4-A-18A
E-4-A-21A
E-4-A-49B
E-4-A-66
E-4-A-75B
E-4-A-9A

LEGEND

	PROPOSED PROJECT
	PAVED T.L. OR F.A.
	PAVED NOT T.L. OR F.A.
	IMPROVED NOT PAVED NOT T.L. OR F.A.
	UNIMPROVED NOT T.L. OR F.A.

CONVENTIONAL SIGNS.

	COUNTY LINE
	CITY OR VILLAGE
	TOWNSHIP LINE
	SECTION LINE
	FENCE LINE
	RAILROADS
	ELECTRIC
	STORM
	SURVEY LINE
	CULVERT
	POLE
	GROUND ELEV.
	GRADE ELEV.



NOTE: THE IMPROVEMENTS COVERED BY THESE PLANS SHALL BE DONE IN ACCORDANCE WITH THE MICHIGAN STATE HIGHWAY DEPARTMENT'S 1926 STANDARD ROAD AND BRIDGE SPECIFICATIONS.

Surfacing Contract

CHECKED BY	<i>M.L. Moore</i>	DATE	5-7-32
	Municipal Engineer		
CHECKED BY	<i>L.F. Purcell</i>	DATE	5-4-32
	Chief Draftsman		
CORRECT	<i>R.P. Kelley</i>	DATE	5-7-32
	Engineer of Plans		
CHECKED BY	<i>R.L. Meehan</i>	DATE	5-6-32
	Bridge Engineer		
RECOMMENDED FOR APPROVAL	<i>R.D. Balle</i>	DATE	5-13-32
	Engineer of Design		
APPROVED	<i>[Signature]</i>	DATE	6-1-32
	Chief Engineer		
RECOMMENDED FOR APPROVAL		DATE	
	Dist. Engr. Bureau of Public Roads		
RECOMMENDED FOR APPROVAL		DATE	
	Chief Engr. Bureau of Public Roads		
APPROVED		DATE	
	Chief, Bureau of Public Roads		

FORD RD.
SOUTHFIELD-ROUGE RIVER

SCALES

TITLE SHEET	1/2 IN. = 1 MI.
PLAN	1 IN. = 100 FT.
PROFILE HOR.	1 IN. = 100 FT.
PROFILE VERT.	1 IN. = 10 FT.

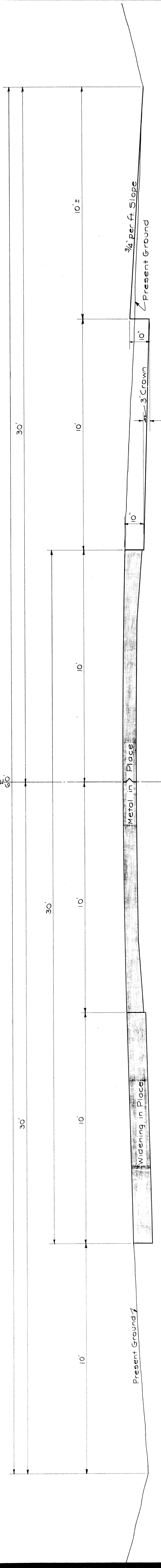
Point of Beginning
Fed. Aid Proj. No. 082-36
State Proj. No. 082-36
Sta. 189+20.2

Point of Ending
Fed. Aid Proj. No. 082-36
State Proj. No. 082-36
Sta. 394+02

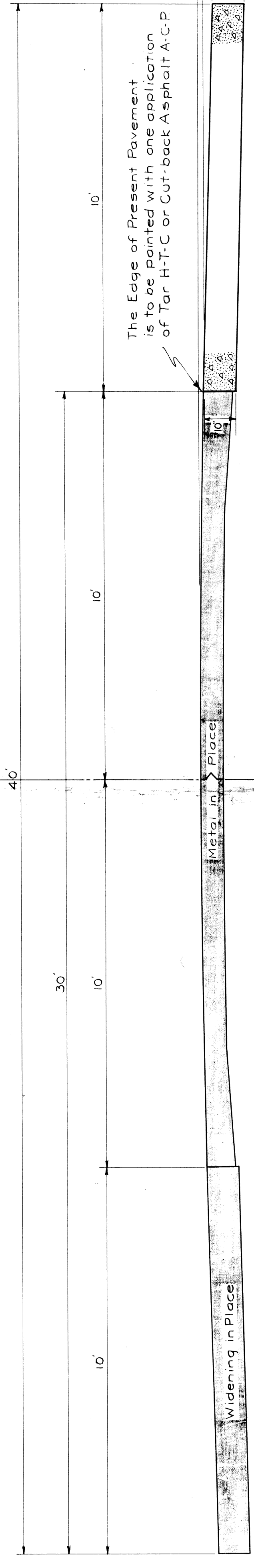
DESIGN NO.	STATE	FED. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	MICH	250-C		2	
ROUTE	STATE PROJECT	COUNTY	TWP.	SHEET NO.	TOTAL SHEETS
M-153	08E-36	Wayne	Dearborn	2	

Surfacing Contract

TYPICAL CROSS-SECTION



SECTION FOR TRENCHING
To Apply from Sta. 189+20 to Sta. 248+78
Scale 1/2 in. = 1 ft.

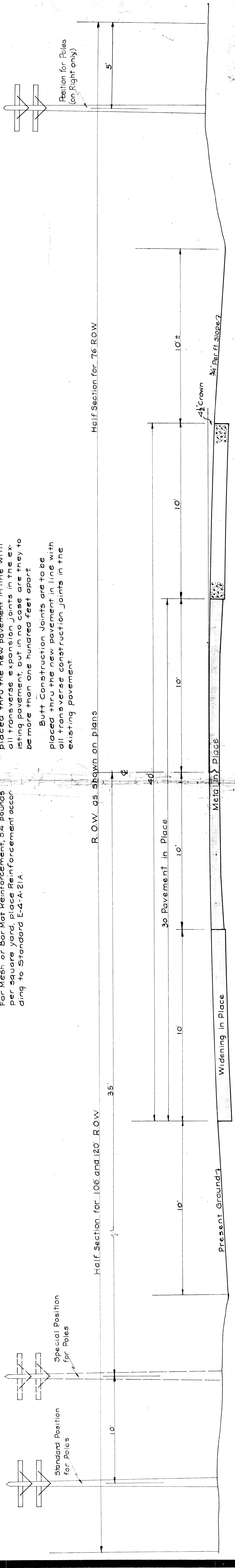


DETAILED SECTION FOR 10 FOOT CONC. PAVT. 10 IN. UNIFORM REINFORCED
To Apply from Sta. 189+20 to Sta. 248+78
Scale 1/2 in. = 1 ft.

The Pavement is to be Reinforced throughout For Mesh or Bar Mat Reinforcement, 5.4 pounds Per square yard, place Reinforcement according to Standard E-4-A-21A.

One Inch Expansion Joints are to be Placed thru the new pavement in line with all transverse expansion joints in the existing pavement, but in no case are they to be more than one hundred feet apart.

Butt Construction Joints are to be placed thru the new pavement in line with all transverse construction joints in the existing pavement.



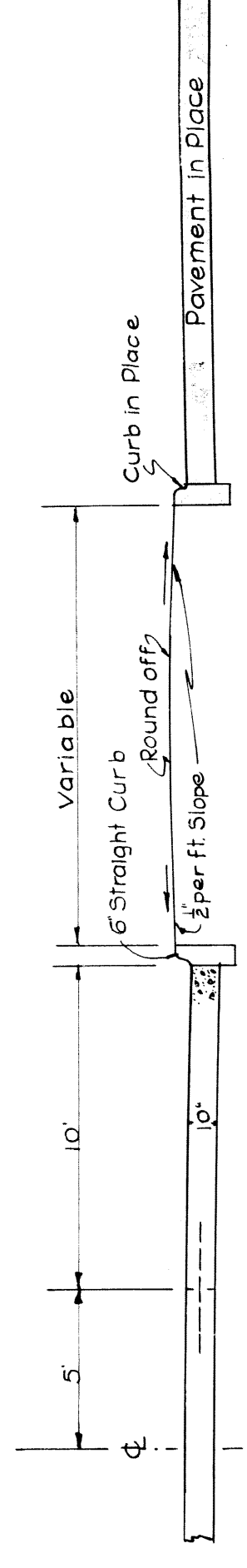
SECTION FOR FINISHED ROAD
To Apply from Sta. 189+20 to Sta. 248+78
Scale 3/8 in. = 1 ft.

Surfacing Contract

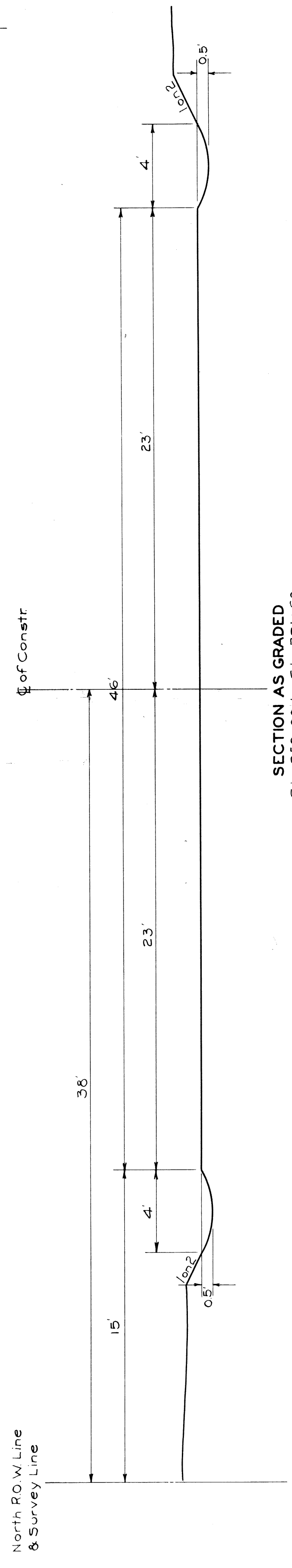
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	TOTAL SHEETS
1	MICH.	1250-C		3
ROUTE	COUNTY	TWP	DEAR.	SHEET NO.
M 153	WAYNE	BORN		3

Surfacing Contract

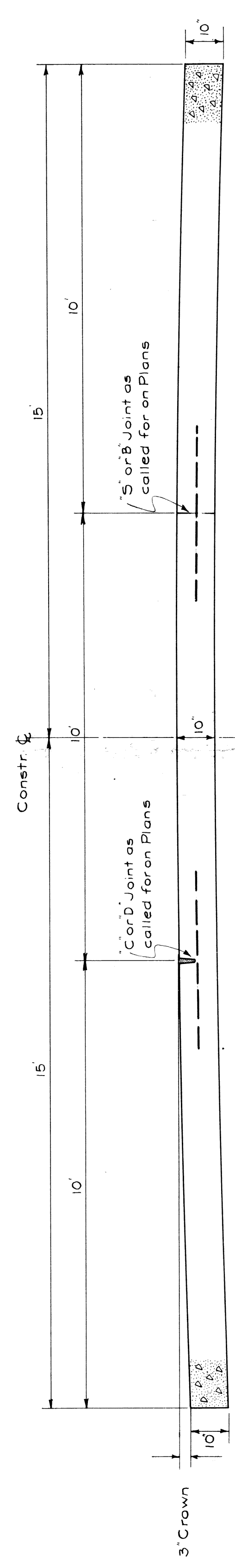
TYPICAL CROSS-SECTION



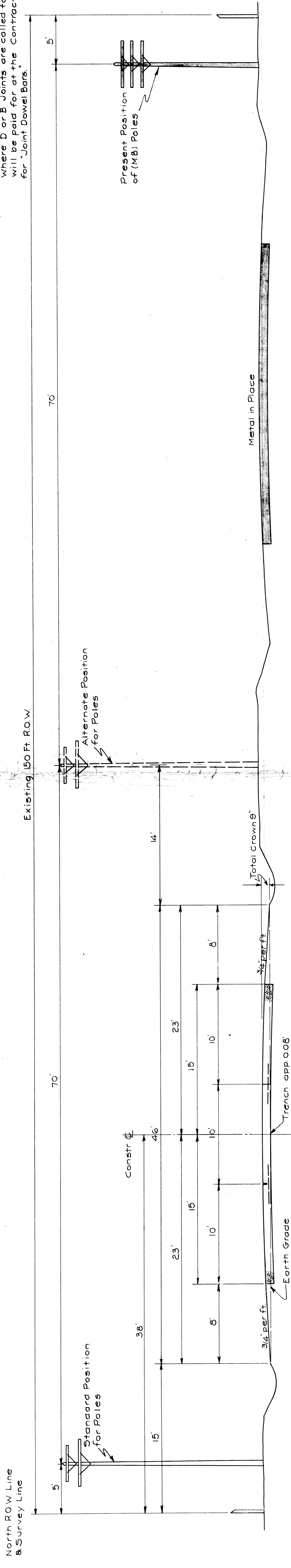
Section for 30 Conc. Pavement with 6" Straight Curb
To Apply from Sta 388+425 to Sta 390+340.6 Rt.



SECTION AS GRADED
Sta. 252+00 to Sta. 391+60
Scale 1/4 in. = 1 foot



DETAILED SECTION FOR 30 FT. CONC. PAV'T. 10 IN. UNIFORM REINFORCED
To Apply from Sta. 252+00 to Sta. 391+60
Scale 1/2 in. = 1 foot



SECTION OF FINISHED ROADWAY SHOWING
POSITION OF METAL RELATIVE TO EARTH GRADE & TO METAL IN PLACE
Sta. 252+00 to Sta. 391+60
Scale 3/16 in. = 1 foot

The Pavement is to be reinforced throughout. For Mesh or Bar Mat Reinforcement, 54 pounds per square yard, place reinforcement according to Standard E-4-A-21A.

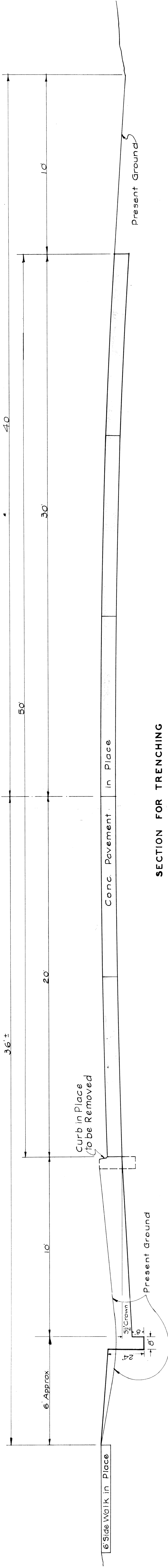
JOINT LEGEND

- 'C' JOINT Contraction Joint without Dowel Bars, Standard E-4-A-18A, Detail No. 2, Alternate 1 or 2, or Metal Construction Joint without Dowel Bars, Standard E-7-C-11F, Detail No. 4.
- 'D' JOINT Contraction Joint with Dowel Bars, Standard E-4-A-18A, Detail No. 1, Alternate 1 or 2, or Metal Construction Joint with Dowel Bars, Standard E-7-C-11F, Detail No. 4.
- 'S' JOINT Straight Bulkhead Construction Joint without Dowel Bars, Standard E-4-A-18A, Detail No. 4, or Bulkhead Construction Joint without Dowel Bars, Standard E-7-C-11F, Detail No. 5.
- 'B' JOINT Straight Bulkhead Construction Joint with Dowel Bars, Standard E-4-A-18A, Detail No. 3, or Bulkhead Construction Joint with Dowel Bars, Standard E-7-C-11F, Detail No. 5.

ONE INCH EXPANSION JOINTS
In Standard Pavement to be placed one hundred feet apart, except where otherwise shown on these Plans.
Where 'D' or 'B' Joints are called for on Plans, Dowel Bars will be paid for at the Contract Unit Price per Pound for "Joint Dowel Bars."

FED. ROAD DIST. NO.	STATE MICH.	FISCAL YEAR	PROJ. NO.	SHEET NO.	TOTAL SHEETS
7		250 C			
ROUTE	STATE	COUNTY	TWP.	SHEET NO.	TOTAL SHEETS
M 153	082-36	WAYNE	Dearborn	3A	

TYPICAL CROSS-SECTION

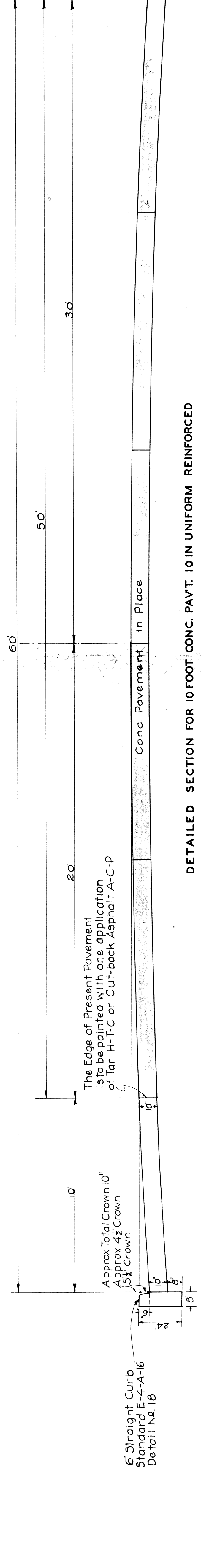


SECTION FOR TRENCHING
To Apply from Sta. 391+56 to Sta. 394+02 Left
Scale $\frac{1}{8}$ " = 1 ft.

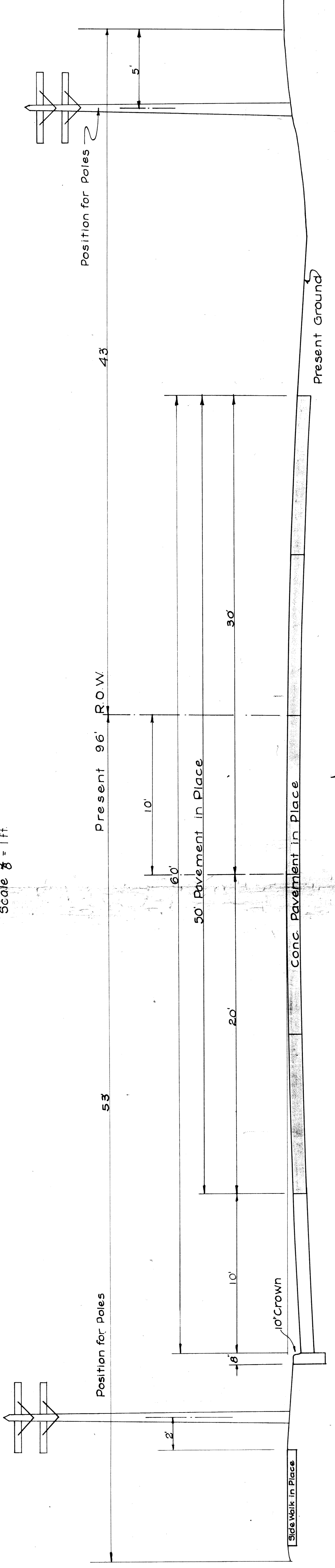
One Inch Expansion Joints are to be placed thru the new pavement in line with all Transverse expansion joints in the existing pavement, but in no case are they to be more than one hundred feet apart.

Butt Construction Joints are to be placed thru the new pavement in line with all Transverse construction joints in the existing pavement.

The Pavement is to be Reinforced thruout for Mesh or Bar Mat Reinforcement, 54 pounds per square yard, place Reinforcement according to Standard E-4-A-21A.



DETAILED SECTION FOR 10 FOOT CONC. PAVT. 10 IN UNIFORM REINFORCED
To Apply from Sta. 391+56 to Sta. 394+02 Left
Scale $\frac{1}{8}$ " = 1 ft.



SECTION FOR FINISHED ROAD
To Apply from Sta. 391+56 to Sta. 394+02 Left
Scale $\frac{1}{4}$ " = 1 ft.

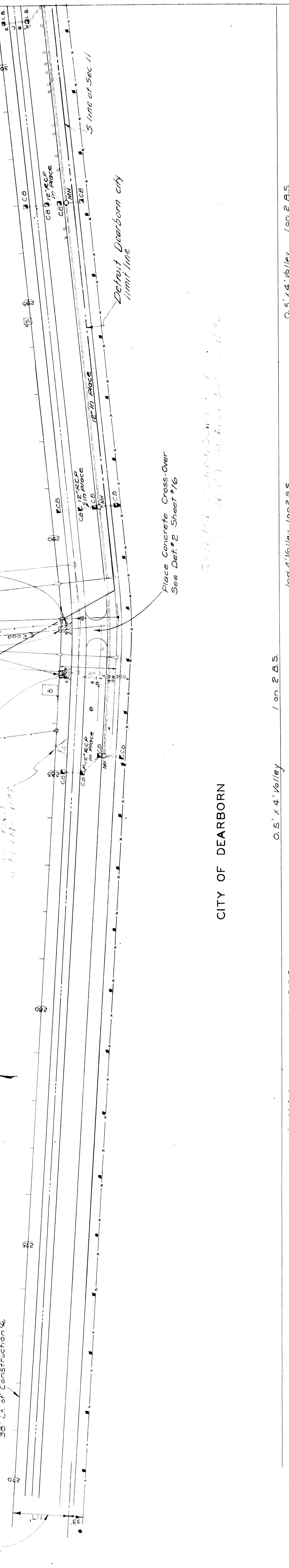
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	PISCAL SHEET NO.	TOTAL SHEETS
7	MICH.	250-C		8	8
ROUTE	STATE	COUNTY	TWP	SHEET NO.	TOTAL SHEETS
M-13	002-36	WAYNE	DEARBORN	8	8
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	PISCAL SHEET NO.	TOTAL SHEETS
	MICH.				
ROUTE	STATE	COUNTY	TWP	SHEET NO.	TOTAL SHEETS

Surfacing Contract

STATION EQUATION
Sta 289+39.91 Back
Sta 289+34.07 Ahead
Line Lengthened 5.84'

2' of 12" Type A Circ.
In Place

CITY OF DETROIT



OPERATION	BY	DATE
DRAINAGE	C.C.V.	4-22
QUANTITIES		
TRACED		
FINAL R.O.W. CHECK		
CHECKED	P. Mombach	4-22
SOUND		

BM #1 Elev 6344
Nail in AT&T Pole #243
93 Rt Sta 291+65

BM #10 Elev 6423
Nail in AT&T Pole #243
145 Rt Sta 291+45

Curve Data
New Pavt.
D-93.15 Lt
D-93.15 Lt
D-4' 00'

2 M #9 Elev 6353
Nail in Apple (Old Bench #2)
88 Rt Sta 287+61

20' S. of 85+85+5
4' C. of M. in (E.C.P.)
145 Rt Sta 283+00

BM #6 Elev 6253
Nail in AT&T Pole #25
145 Rt Sta 283+00

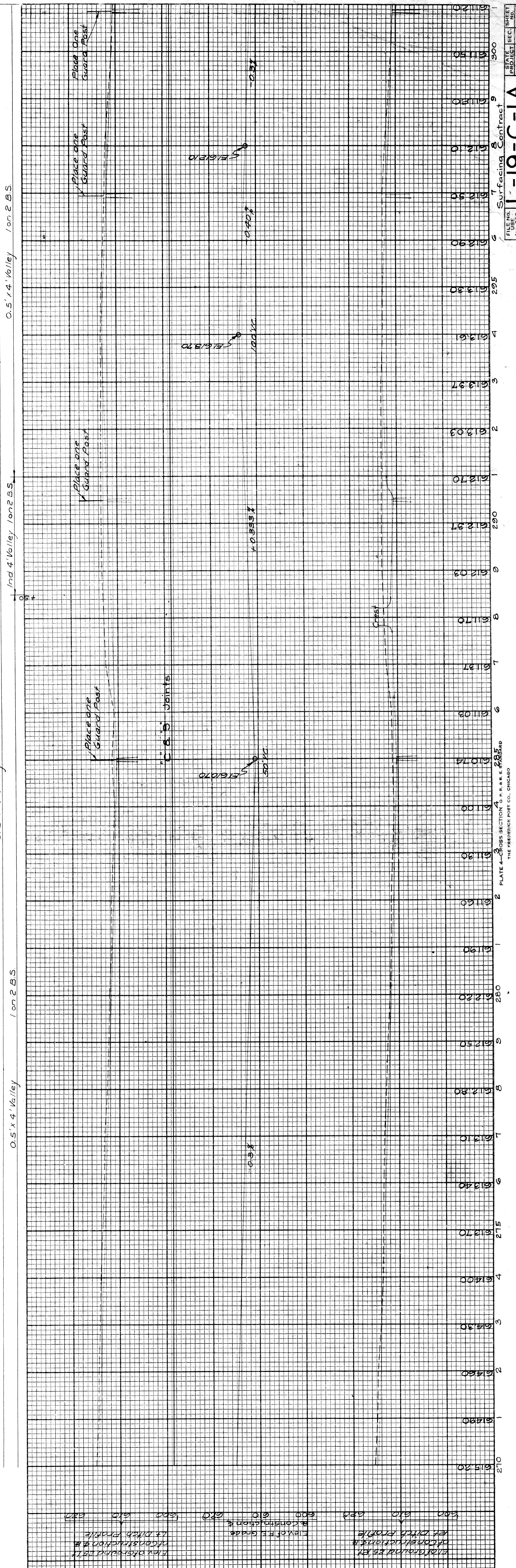
BM #7 Elev 6346
Nail in AT&T Pole #255
145 Rt Sta 277+79

BM #6 Elev 6510
Nail in AT&T Pole #259
145 Rt Sta 272+70

Curve Data of So. Slope
L-149.29
R-925.14
E-303
PC-287+46.72
PI-288+21.49
PT-288+96.01

Gravel Drives
3 CU Yds Surface Course
Gravel

Place Concrete Cross-Over
See Det #2 Sheet #16



OPERATION	BY	DATE
SURVEYED	Wayne County	10-28
PLOTTED	L.V. Wagh. H.T.	4-22
QUANTITIES CHECKED		
PRELIMINARY GRADE		
PRELIM. R.O.W. CHECKED		
GRADE INSPECTED	Kelley-Scott-Cowgill-Mombach	4-22
FINAL GRADE		

FED. ROAD DIST. NO.	STATE	FISCAL YEAR	FISCAL SHEET NO.	TOTAL SHEETS
7	MICH.	250-C	9	9
ROUTE	COUNTY	TWP	SHEET NO.	TOTAL SHEETS
M. 53	DEARBORN	DEARBORN	9	9
FED. ROAD DIST. NO.	STATE	FISCAL YEAR	FISCAL SHEET NO.	TOTAL SHEETS
7	MICH.	250-C	9	9
ROUTE	COUNTY	TWP	SHEET NO.	TOTAL SHEETS
M. 53	DEARBORN	DEARBORN	9	9

Surfacing Contract

BM #16 Elev 606.06
Nail in A.T. Pole
692+ Sta 329+38

BM #15 Elev 605.59
Nail in A.T. Pole
62 Rt Sta 322+35

POT Sta 314+80
4" Conc Man (B.C.R.C.)

3" 4" e. 601.90
1" 7" 2" of Conc Man
S. 314-80

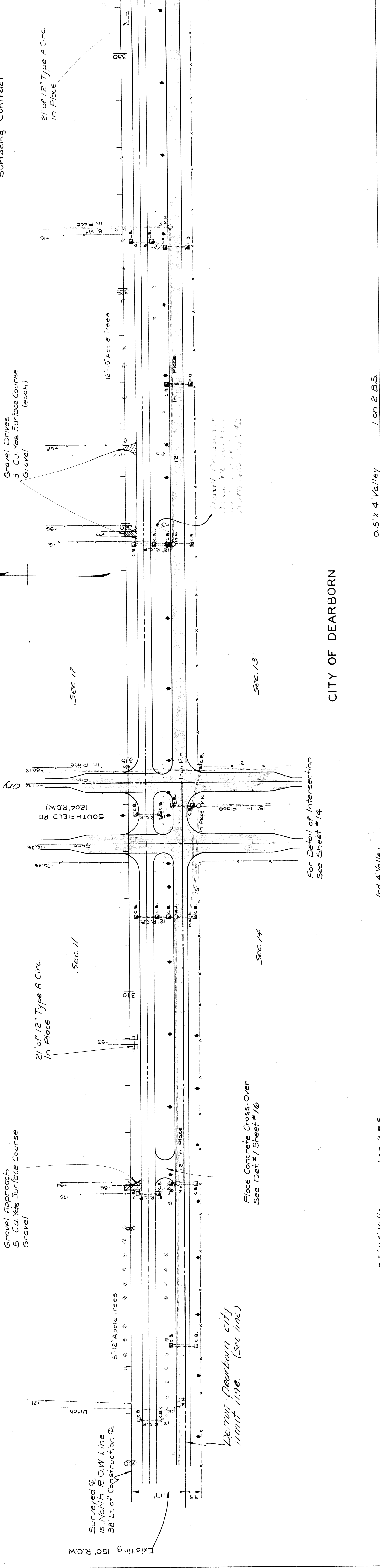
BM #13 Elev 609.14
Nail in A.T. Pole
145 Rt Sta 309+10

BM #12 Elev 610.07
Nail in A.T. Pole
145 Rt Sta 303+11

CITY OF DEARBORN

CITY OF DETROIT

CITY OF DEARBORN

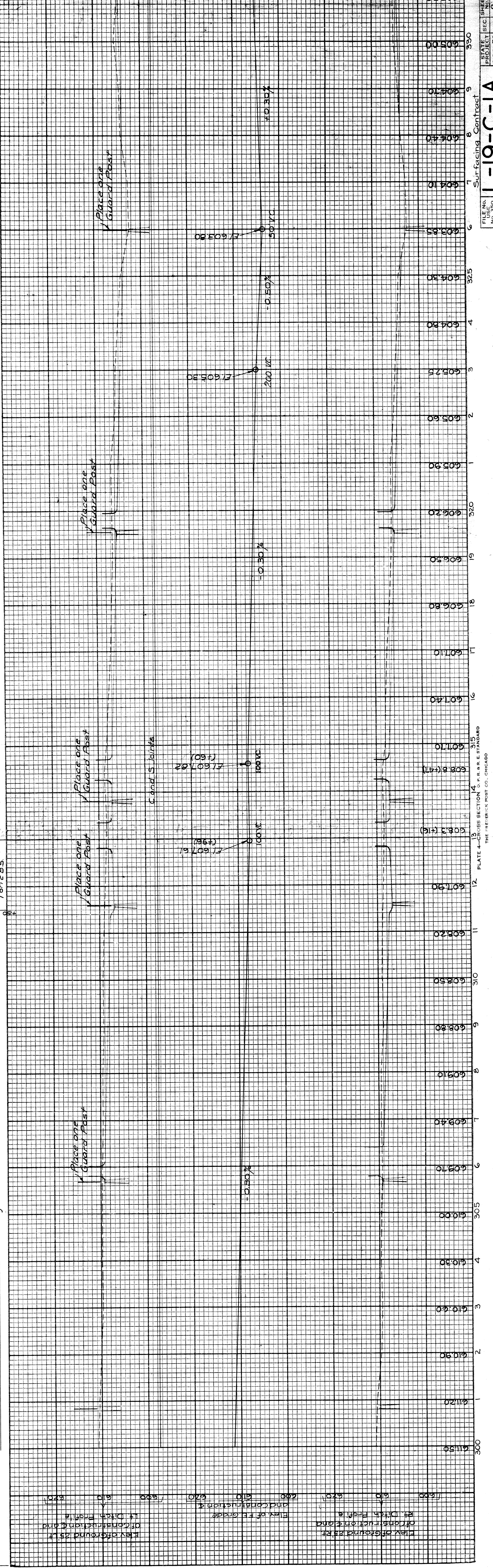


OPERATION	BY	DATE
GRAINAGE		
QUANTITIES		
TRACED	C.W.	4-32
FINAL R.O.W. CHECK	Blench	4-32
CHECKED	Blench	4-32
BOUND	Blench	4-32

0.5' x 4' Valley / on 2 B.S.
0.5' x 4' Valley / on 2 B.S.

0.5' x 4' Valley / on 2 B.S.
0.5' x 4' Valley / on 2 B.S.

Ind. 4' Valley / on 2 B.S.
Ind. 4' Valley / on 2 B.S.



OPERATION	BY	DATE
SURVEYED	Wayne County	10-29
PLOTTED	Lutz-Walsh-H.T.	4-32
FLIGHTS CHECKED	H.T.-Walsh	4-32
PRELIMINARY GRADE		
GRADE INSPECTED	Kelly-Scott-Cowgill-Blench	4-32
FINAL GRADE		