FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	MICH.				
ROUTE	STATE PROJECT	COUNTY	CITIES	SHEET NO.	TOTAL SHEETS
US-10 M-102	63-24	Oakland Wayne	Detroit Ferndale Pleasant Ridge	1	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	MICH.				
ROUTE	STATE PROJECT	COUNTY	TWP.	SHEET NO.	TOTAL SHEETS

MICHIGAN

STATE HIGHWAY DEPARTMENT

MURRAY D. VAN WAGONER

STATE HIGHWAY COMMISSIONER

MUNICIPAL APPROVAL

Approved ..... 19.....

City (or Village).....

By ..... City (or Village)

PLAN AND PROFILE OF PROPOSED

STATE PROJECT NO 63-24

DETROIT-PONTIAC ROAD

WAYNE AND OAKLAND COUNTIES

CITIES OF DETROIT, FERNDALE AND PLEASANT RIDGE

The improvements covered by these plans shall be done in accordance with the Michigan State Highway Department 1940 Standard Specifications and Supplemental Specifications.

INDEX OF SHEETS

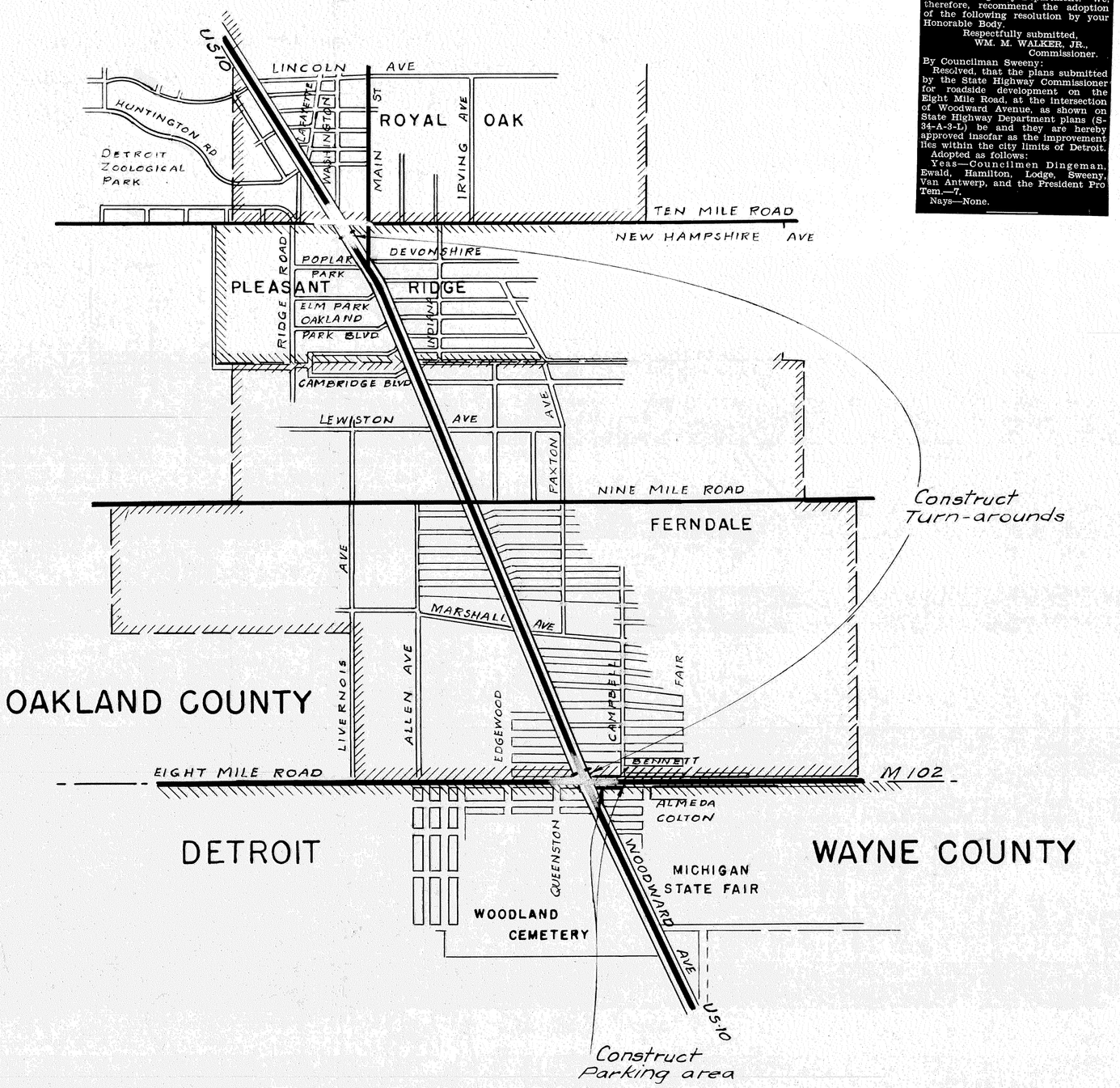
SHEET NO. 1 TITLE SHEET
" " 2 TYPICAL CROSS-SECTION
" " 3 SPECIAL PROVISIONS
" " 4-6 PLAN & PROFILE
" " 7-8 SPECIAL DETAILS
" " 9-10 QUANTITIES

SCALES

TITLE SHEET	1 IN =	1760 FT.
PLAN	1 IN =	30 FT.
PROFILE	HOR. 1 IN =	25 FT.
	VERT. 1 IN =	5 FT.

STANDARD PLANS

E-4-A-9B
E-4-A-10A
E-4-A-21D
E-4-A-27R1
E-4-A-27A1
E-4-A-27B1
E-4-A-27E1
E-4-A-27T1
E-4-A-29B
E-4-A-33B
E-4-A-110A
E-6-A-55B



From Departmen tof Public Works
October 4, 1940

To the Honorable, the Common Council:

Gentlemen—The State Highway Department has submitted plans for the improvement of Woodward Avenue between the Eight and Ten Mile Road. Inasmuch as a portion of this improvement lies south of the centerline of the Eight Mile Road for a short distance east of Woodward Avenue and is, therefore, within the limits of the City of Detroit, the Highway Department wishes to have the formal approval of your Honorable Body.

We have investigated the plan submitted and find that it consists of roadside development, such as parking area, landscaping, lighting and traffic islands, all of which is to be constructed at the sole expense of the State Highway Department. We, therefore, recommend the adoption of the following resolution by your Honorable Body.

Respectfully submitted,
WM. M. WALKER, JR.,
Commissioner.

By Councilman Sweeny:

Resolved, that the plans submitted by the State Highway Commissioner for roadside development on the Eight Mile Road, at the intersection of Woodward Avenue, as shown on State Highway Department plans (S-34-A-3-L) be and they are hereby approved insofar as the improvement lies within the city limits of Detroit.

Adopted as follows:

Yeas—Councilmen Dingeman, Ewald, Hamilton, Lodge, Sweeny, Van Antwerp, and the President Pro Tem.—7.

Nays—None.

63-24, C15

CONTRACT FOR Turn-arounds and Parking areas M63-24

DIVISION APPROVAL

CHECKED	R H Lamont 9/6/40 / Earl Redding 9/6/40 / Philip Trowger 9/6/40 — CHIEF ROAD DRAFTSMAN MUNICIPAL ENGINEER LANDSCAPE ARCHITECT	
CHECKED	ASS'T ENGINEER OF ROAD DESIGN	9-13-40 DATE
RECOMMENDED FOR APPROVAL	Geo. W. Siedeman — ENGINEER OF ROAD DESIGN	9-12-40 DATE
APPROVED	M H Harris — ROAD ENGINEER	9-12-40 DATE
APPROVED	S W Millard Jr. — BRIDGE ENGINEER	9-16-40 DATE

STATE HIGHWAY DEPARTMENT APPROVAL

APPROVED	C M Ziess — DEPUTY COMMISSIONER IN CHARGE OF CONSTRUCTION AND OPERATION	9/13/40 DATE
APPROVED	H C Coons — DEPUTY COMMISSIONER — CHIEF ENGINEER	9-6-40 DATE
APPROVED	MURRAY D. VAN WAGONER — STATE HIGHWAY COMMISSIONER	

RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER
PUBLIC ROADS ADMINISTRATION
FEDERAL WORKS AGENCY

WOODWARD
US-10
Parking Areas
Turn arounds
at 8 Mi. Rd. & 10 Mi. Rd.

TITLE SHEET LEGEND

PROPOSED PROJECT
T. L. OR F. A. PAVED
T. L. OR F. A. IMPROVED NOT PAVED
T. L. OR F. A. UNIMPROVED
NON T. L. OR F. A. PAVED
NON T. L. OR F. A. IMPROVED BUT NOT PAVED
NON T. L. OR F. A. UNIMPROVED
COUNTY LINE
CITY OR VILLAGE LIMITS
TOWNSHIP LINE
SECTION LINE
RAILROADS — ELECTRIC / STEAM

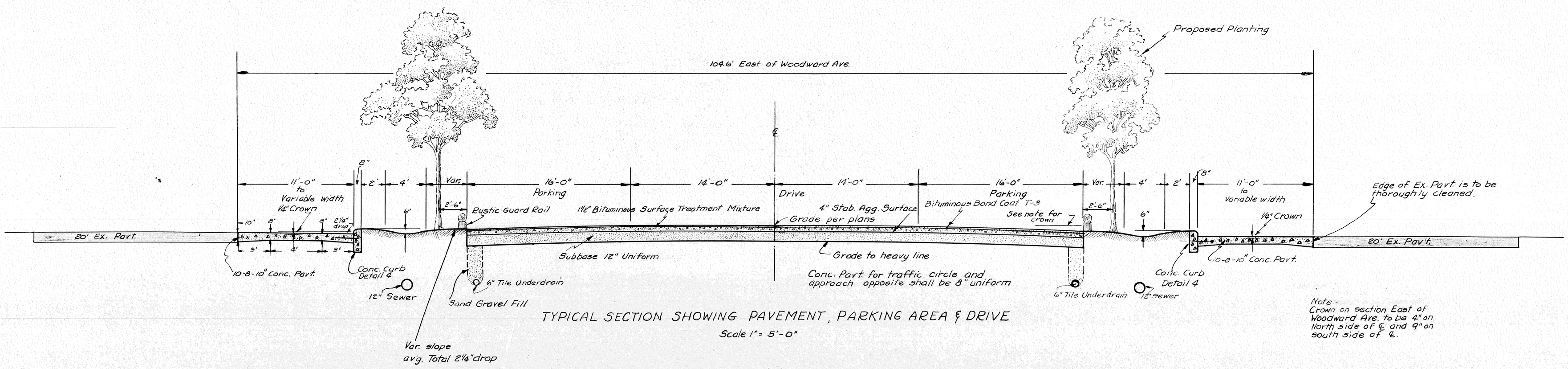
Jaeger & Rutherford
These plans should be approved by the City of Ferndale
Have plans approved by Traffic & Safety Commission

FILE NO. USE NO. 350 STENCIL	S-34-A-3L	STATE PROJECT 63-24	FEDERAL PROJECT	SHEET NO.

TYPICAL CROSS-SECTIONS

FED. ROAD DIST. No.	STATE	PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
7	MICH.				
ROUTE	STATE PROJECT	COUNTY	CITIES	SHEET No.	TOTAL SHEETS
M-102	63-24	Oakland Wayne	Ferndale Detroit	2	

FED. ROAD DIST. No.	STATE	PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
7	MICH.				
ROUTE	STATE PROJECT	COUNTY	TWP.	SHEET No.	TOTAL SHEETS



TYPICAL SECTION SHOWING PAVEMENT, PARKING AREA & DRIVE

Scale 1" = 5'-0"

Note:-
Crown on section East of Woodward Ave. to be 4" on North side of ℄ and 9" on south side of ℄.

JOINT LEGEND

E	————	1" Expansion Joint
D	— — — — — —	Contraction Joint with Tie Bars, Standard Plan E-4-A-33B Detail 1, Alternate 1 or 2, or Metal Construction Joint with Tie Bars, Detail 8.
B	—— —— ——	Straight Bulkhead Construction Joint with Tie Bars, Standard Plan E-4-A-33B, Detail 3.
BD	—— · —— · ——	Optional B or D.
W	- - - - - - - - - - - -	Transverse Plane of Weakness Joint, Standard Plan E-4-A-33B, Detail 5, Alternate 1 or 2.

The surface Treatment shall be Non-Skid Resurfacing 4.11 (Hot Plant Mixed) Class I.
The Bituminous Bond Coat is estimated at 1/4 gallon per sq. yd.
Bituminous Surface Treatment Mixture, 1 1/2", is estimated at the rate of 150 lbs. per square yard.

FILE NO. USE NO. 350 STENCIL	S-34-A-3L	STATE PROJECT	FEDERAL PROJECT	SHEET NO.
		63-24		2

SPECIAL PROVISIONS

TRANSPLANTING TREES AND SHRUBS

Where called for on plans, trees and shrubs are to be transplanted by the Maintenance Division under direction of the State Highway Department Forester as a part of this project but not a part of the road contract.

GRADES FOR INTERSECTIONS

All intersections are to be considered as complete units and their grades determined before construction is started.

PAVEMENT REINFORCEMENT

The concrete pavement shall be reinforced throughout with Mesh, Bar Mat or Expanded Metal Mesh Reinforcement.

TRANSVERSE EXPANSION AND PLANE OF WEAKNESS JOINTS

Transverse expansion and plane of weakness joints shall be placed where shown in special details on the plans and elsewhere as follows:

In concrete pavement widening, one inch transverse expansion joints shall be placed in line with like joints in the existing pavement with a maximum spacing of approximately 120'. Transverse plane of weakness joints shall be placed at approximately 30' intervals between the expansion joints. Load transfer devices are not required.

Expansion joints and all other joints where a poured filler is used shall be edged to one-quarter (¼) inch radius.

HAND FINISHING

Hand Finishing according to 4.14.03 (Q) of the Standard Specifications will be allowed on all pavement outside the 11 foot widening strips.

NOTES APPLYING TO STANDARD PLANS

Where the following items are called for on plans they are to be constructed according to the Standard Plan given below opposite each item unless otherwise indicated.

Tile Edge Drain	E-4-A-9B, Detail 6
Sodding	E-4-A-10A
Pavement Reinforcement	E-4-A-21D
Manholes, Catch Basins and Inlets	E-4-A-27R1
Cover A	E-4-A-27-A1
Cover B	E-4-A-27-B1
Cover E	E-4-A-27-E1
Catch Basin Trap	E-4-A-27-T1
Concrete Curb and Concrete Curb & Gutter	E-4-A-29B
Curb & Gutter Header	E-4-A-29B, Detail 9
Transitions	E-4-A-29B, Detail 14
Concrete End Header	E-4-A-29B, Detail 20
Contraction Joint with Tie Bars or Metal Construction Joint with Tie Bars	E-4-A-33B, Detail 1 Alternate 1 or 2 E-4-A-33B, Detail 8
Straight Bulkhead Construction Joint with Tie Bars	E-4-A-33B, Detail 3 and 7

(Longitudinal Bulkhead Construction Joints shall be constructed according to Detail 7, except that before the adjacent section is poured the bar shall be bent to the position shown in Detail 3, Standard E-4-A-33B. The tie bar retainer shall be held in proper vertical position. Painting of the joint shall be omitted.)

Transverse Plane of Weakness Joint for Concrete Pavement	E-4-A-33B, Detail 5 Alternate 1 or 2
4" Concrete Sidewalk	E-4-A-110A, Detail 2
Barricade and Construction Signs	E-6-A-55B

PUBLIC UTILITIES

Name and Address Of Owner	Kind of Utility	Size or Capacity	Location Sta to Sta
Unknown	Power Poles	Unknown	⅛ Mile road E. & W. of Woodward Ave.

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	MICH.				
ROUTE	**STATE PROJECT**	**COUNTY**	**CITIES**	**SHEET NO.**	**TOTAL SHEETS**
M-10 M-102	63-24	WAYNE OAKLAND	Detroit Ferndale Royal Oak	3	

FED. ROAD DIST. NO.	STATE	PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
	MICH.				
ROUTE	**STATE PROJECT**	**COUNTY**	**TWP.**	**SHEET NO.**	**TOTAL SHEETS**

SUMMARY OF QUANTITIES
LENGTH 0.135 MILES
PARKING AREA AND TURN-AROUND

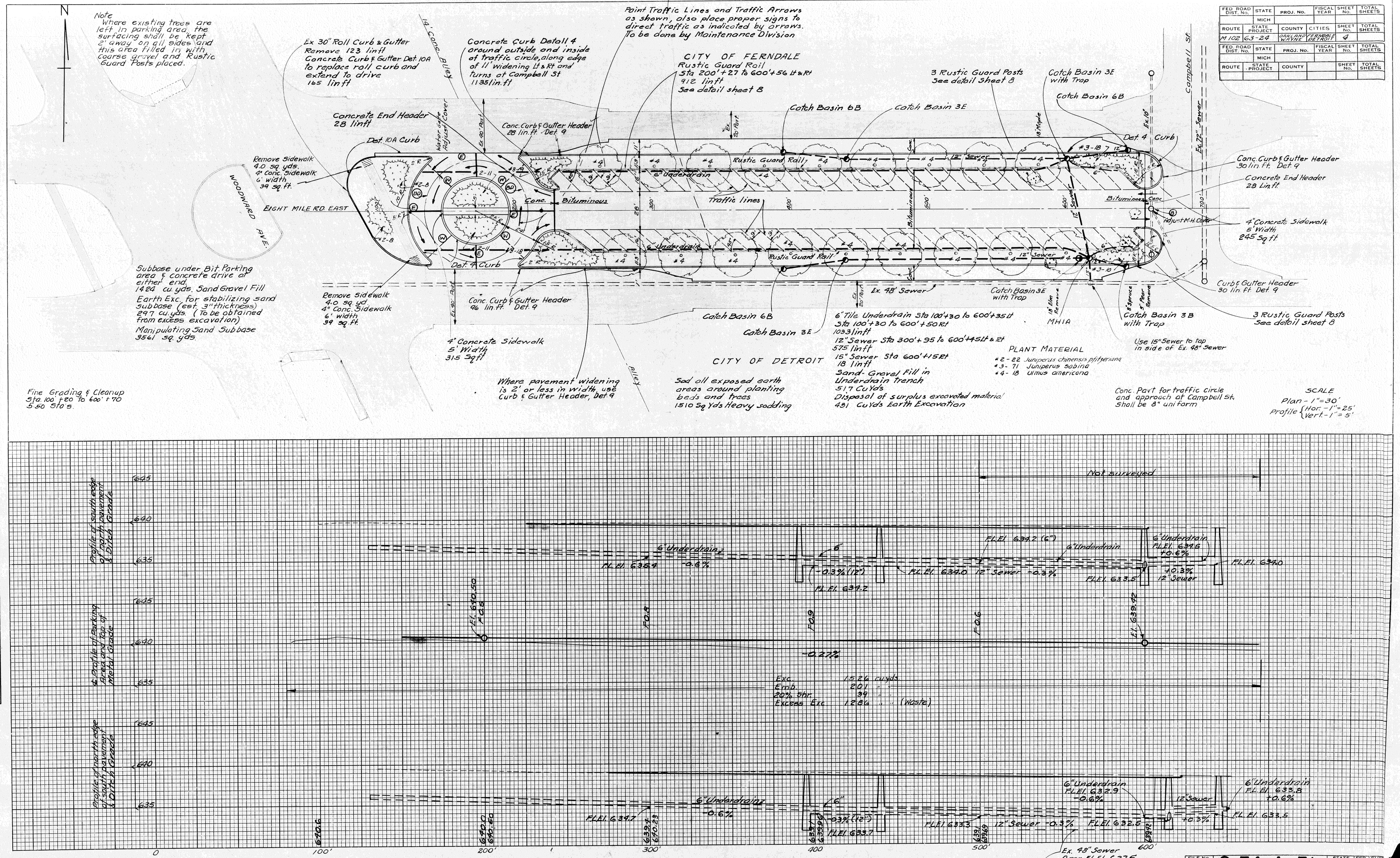
Removing Trees 13"-24" dia.	1	each
Removing Curb	325	lin. ft.
Removing Rustic Guard Rail	50	lin. ft.
Earth Excavation	1880	cu. yds.
Sand-Gravel Fill	1941	sq. yds.
Removing Concrete Sidewalk	8	sq. yds.
12" Sewer	575	lin. ft.
15" Sewer	18	lin. ft.
6" Tile Underdrain	1033	lin. ft.
Manhole 1 A	1	each
Catch Basin, 6B	3	each
Catch Basin, 3B	1	each
Catch Basin, 3E	4	each
Cast Iron Trap	3	each
Adjust Manhole Cover	2	each
Fine Grading & Cleanup	5.50	sta.
Manipulation	3561	sq. yds.
Stabilized Aggregate Surface 4" Compacted Plant Mix	2808	sq. yds.
Bituminous Surface Treatment Mixture	210.6	ton
Bituminous Bond Coat T-3	702	gal.
Calcium Chloride Admixed	2.9	ton
Concrete Curb Det. 4	1135	lin. ft.
Concrete Curb Det. 6	313	lin. ft.
Concrete Curb Det. 10A	165	lin. ft.
Concrete Pavement, 10-8-10"	895	sq. yds.
Concrete Pavement, 8" Uniform	947	sq. yds.
Pavement Reinforcement	1842	sq. yds.
4" Concrete Sidewalk	638	sq. ft.
Concrete End Header-Det. 20	56	lin. ft.
Concrete Curb & Gutter Header Det. 9	184	lin. ft.
Sodding	100	sq. yds.
Heavy Sodding	1510	sq. yds.
Rustic Guard Rail	912	lin. ft.
Rustic Guard Posts	6	each

PLANT MATERIAL

Earth Excavation (Planting)	67	cu. yds.
Prepared Soil	37	cu. yds.
Mulching	9	cu. yds.
Juniperus chinensis pfitzeriana pfitzers juniper 3½'-4" spr.ever, B&B	22	each
Juniperus sabina Savin juniper 2'-2½ spr.ever, B&B	71	each
Ulmus americana American elm 5" tree, B&B	18	each

FED. ROAD DIST. No.	STATE	PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
	MICH				
ROUTE	STATE PROJECT	COUNTY	CITIES	SHEET No.	TOTAL SHEETS
M 102	63-24	OAKLAND WAYNE	FERNDALE DETROIT	4	

FED. ROAD DIST. No.	STATE	PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
	MICH				
ROUTE	STATE PROJECT	COUNTY		SHEET No.	TOTAL SHEETS



OPERATION	BY	DATE
DRAINAGE		
QUANTITIES		
TRACE	H.T.	7-5
FINAL R.O.W. CHECK	J.S.	9-20
CHECKED		
SQUAD	H.T.	9-20
	Fairmont	

OPERATION	BY	DATE
SURVEYED		
PLOTTED		
PLOTTING CHECKED	H.T.	8-20
PRELIMINARY GRADE		
PRELIM. INSPECTED	H.T.	9-20
GRADE CHECKED	Hannawa, Tooper, Fairmont	8-20
GRADE INSPECTED	H.T.	8-20
FINAL GRADE		

FILE No. USE No. 350 STENCIL

S-34-A-3L

STATE PROJECT	FED. SEC.	SHEET No.
63-24		4

FED. ROAD DIST. No.	STATE	PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
7	MICH.				
ROUTE	STATE PROJECT	COUNTY	CITY	SHEET No.	TOTAL SHEETS
U.S. 10	63-24	Oakland	Ferndale	5	
FED. ROAD DIST. No.	STATE	PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
	MICH.				
ROUTE	STATE PROJECT	COUNTY		SHEET No.	TOTAL SHEETS

Witnesses to POT Sta 0+00
Cor. 2 st Br. Bldg. N 45°33'E 82.74'
30" Oak S 36°36'E 50.18'
3" Maple S 41°12'W 30.02'
30" Oak N 24°21'W 66.20'
1" Steel Drive Shaft

Witnesses to POT Sta 3+74.40
4" Elm S 70°W 38.50'
4" Elm S 30°E 43.29'
Boat Spike

Witnesses to POT Sta 3+85.52
4" Elm 41.03'
4" Elm 34.21'
Boat Spike

Witnesses to POT Sta 6+47.97
Base of Sig. Light Pole N.E. 19.84'
Trolley Pole S.W. 3.24'
1" Axle Shaft & Gear

Witnesses to POT Sta 6+69.40
Trolley Pole N.W. 21.90'
Base of Sig. Light Pole N.E. 39.20'
1" Drive Shaft

B.M. #2 Elev. 640.31
Tag in 2" Elm 4' Lt. of Sta 4+73

Remove Sod & replace in new location as directed by the Eng.
100 sq. yds. Sodding

Remove shrubbery and transplant in new location as directed by the Engineer. To be done by Maintenance Division.

Remove 50 lin. ft. Rustlt Guard Rail

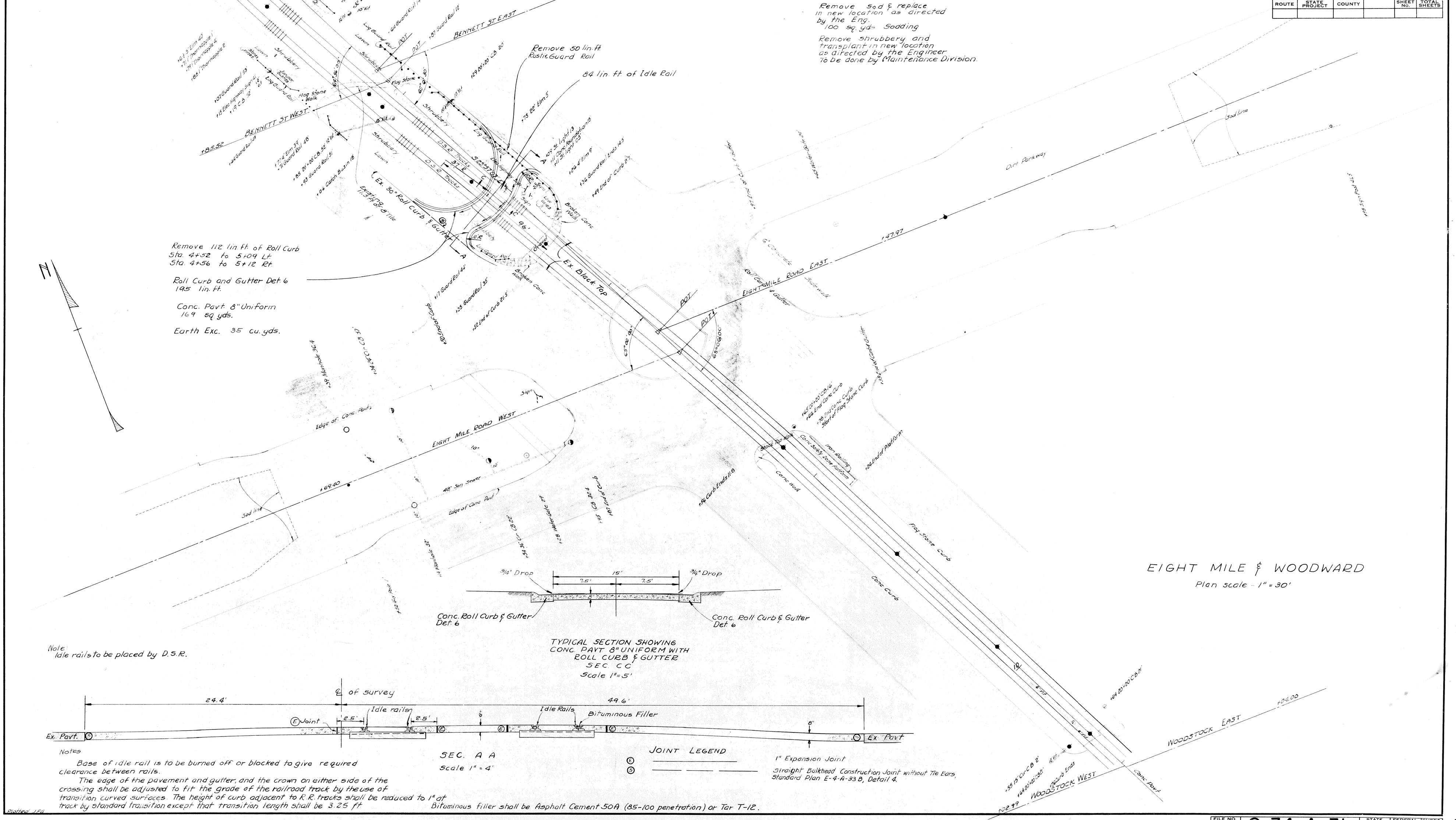
84 lin. ft. of Idle Rail

Remove 112 lin. ft. of Roll Curb
Sta. 4+52 to 5+09 Lt.
Sta. 4+56 to 5+12 Rt.

Roll Curb and Gutter Det. 6
195 lin. ft.

Conc. Pavt. 8" Uniform
169 sq. yds.

Earth Exc. 35 cu. yds.



EIGHT MILE & WOODWARD
Plan scale - 1" = 30'

Note:
Idle rails to be placed by D.S.R.

Notes

Base of idle rail is to be burned off or blocked to give required clearance between rails.

The edge of the pavement and gutter, and the crown on either side of the crossing shall be adjusted to fit the grade of the railroad track by the use of transition curved surfaces. The height of curb adjacent to R.R. tracks shall be reduced to 1" at track by standard transition except that transition length shall be 3.25 ft.

Bituminous filler shall be Asphalt Cement 50A (85-100 penetration) or Tar T-12.

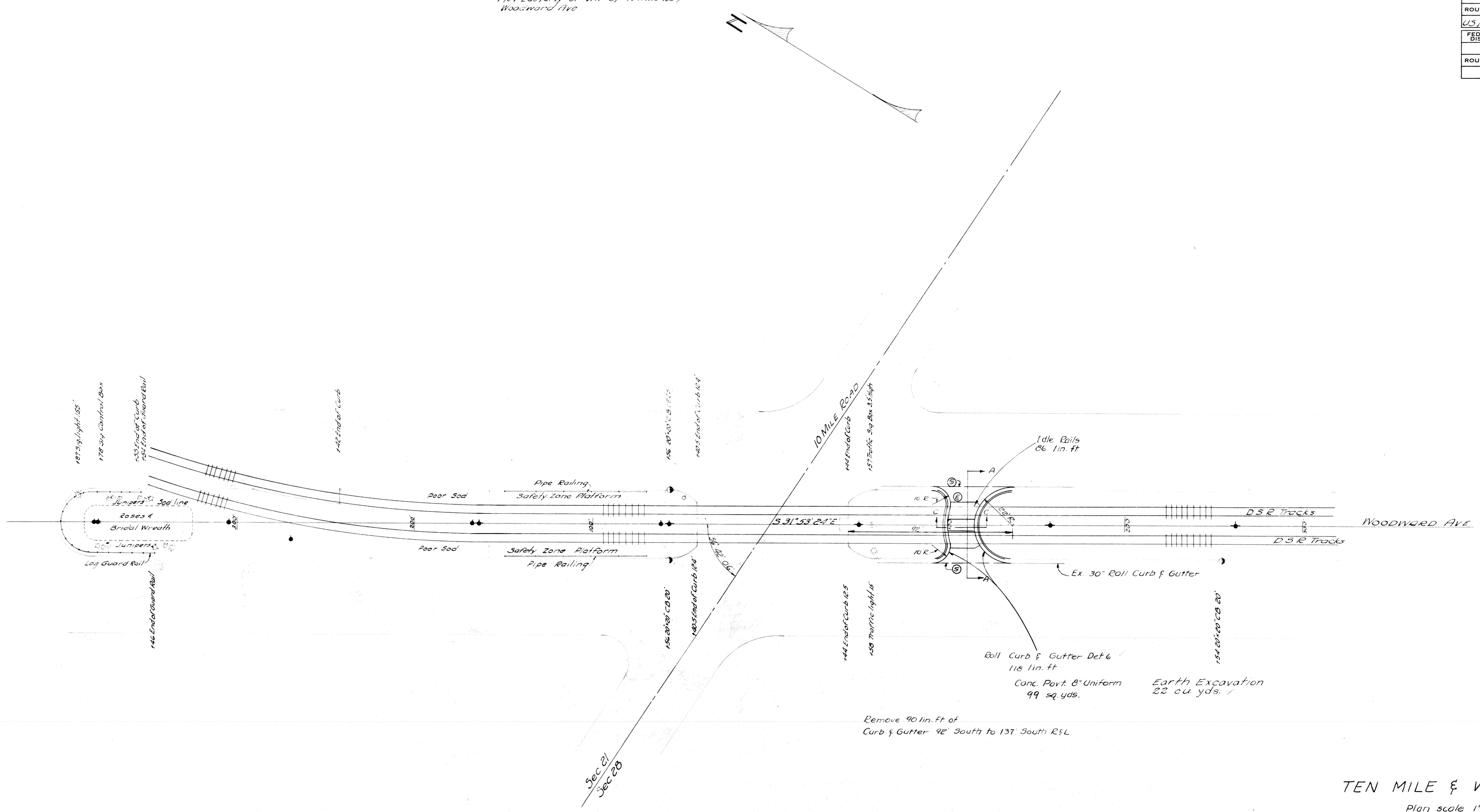
Plotted 1-56

FILE NO. 1-56 No. 250 STENCIL	S-34-A-3L	STATE PROJECT 63-24	FEDERAL PROJECT	SHEET NO. 5

FED. ROAD DIST. NO.	STATE	PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
7	MICH.				
ROUTE	STATE PROJECT	COUNTY	CITY	SHEET No.	TOTAL SHEETS
US 10	63-24	OAKLAND	PLEASANT RIDGE	6	

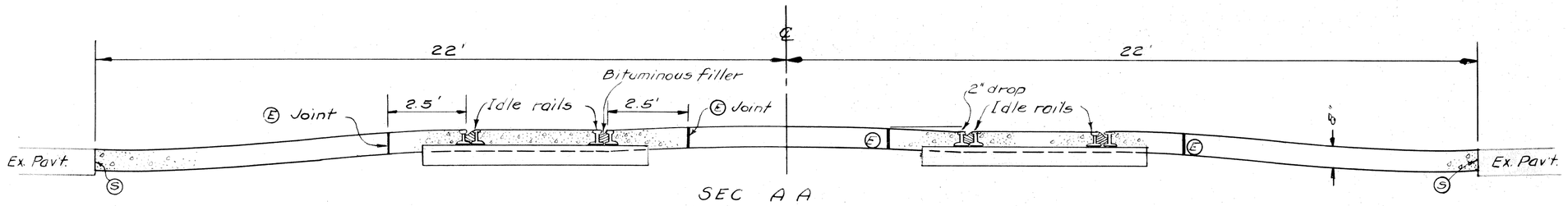
FED. ROAD DIST. NO.	STATE	PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
	MICH.				
ROUTE	STATE PROJECT	COUNTY		SHEET No.	TOTAL SHEETS

BM 60A Elev 663.94
Tag in root of 36" Oak 14' Northerly
4107' Easterly of Int of 10 mile Rd & Woodward Ave



TEN MILE & WOODWARD

Plan scale 1" = 30'



SEC A A
Scale - 1" = 3'

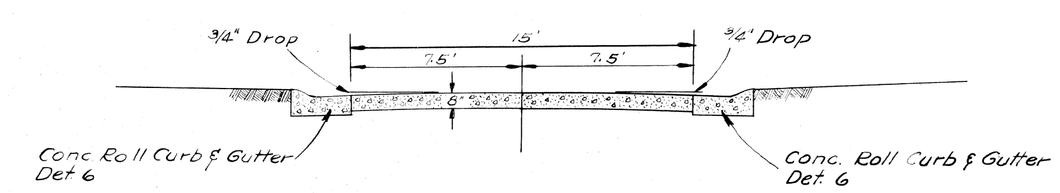
Note: Idle rails to be placed by the D.S.R.

Notes:

Base of idle rail is to be burned off or blocked to give required clearance between rails.

The edge of the pavement and gutter and the crown on either side of the crossing shall be adjusted to fit the grade of the railroad track by the use of transition curved surfaces. The height of curb adjacent to R.R. tracks shall be reduced to 1" at track by standard transition, except that transition length shall be 3.25 ft.

Bituminous filler shall be Asphalt Cement 50A (85-100 penetration) or Tar T-12.



TYPICAL SECTION SHOWING
CONC. PAVT. 8" UNIFORM WITH
ROLL CURB & GUTTER
SEC. C C
Scale 1" = 5'

JOINT LEGEND

Ⓔ ———— 1" Expansion Joint

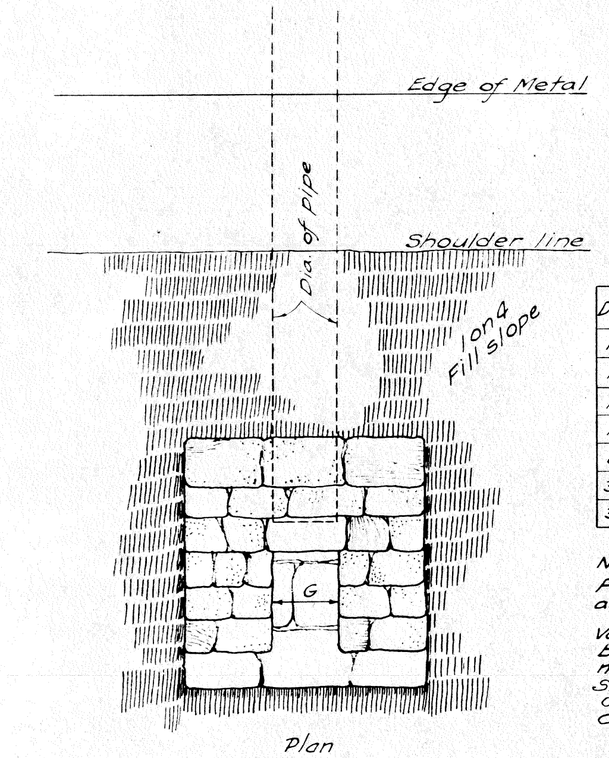
Ⓢ — — — Straight Bulkhead Construction Joint without Tie Bars. Standard Plan E-4-A-33 B, Detail 4.

Dotted 1/56

FILE NO. IBM NO. 350 STENCIL	S-34-A-3L	STATE PROJECT	FEDERAL PROJECT	SHEET NO.
		63-24		6

FED. ROAD DIST. No.	STATE	PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
	MICH.				
ROUTE	STATE PROJECT	COUNTY	CITIES	SHEET No.	TOTAL SHEETS
M-102	63-24	OAKLAND WAYNE	Ferndale Detroit	7	

FED. ROAD DIST. No.	STATE	PROJ. No.	FISCAL YEAR	SHEET No.	TOTAL SHEETS
	MICH.				
ROUTE	STATE PROJECT	COUNTY	TWP.	SHEET No.	TOTAL SHEETS

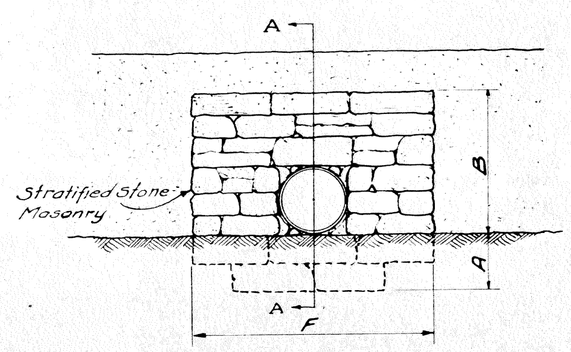


Plan

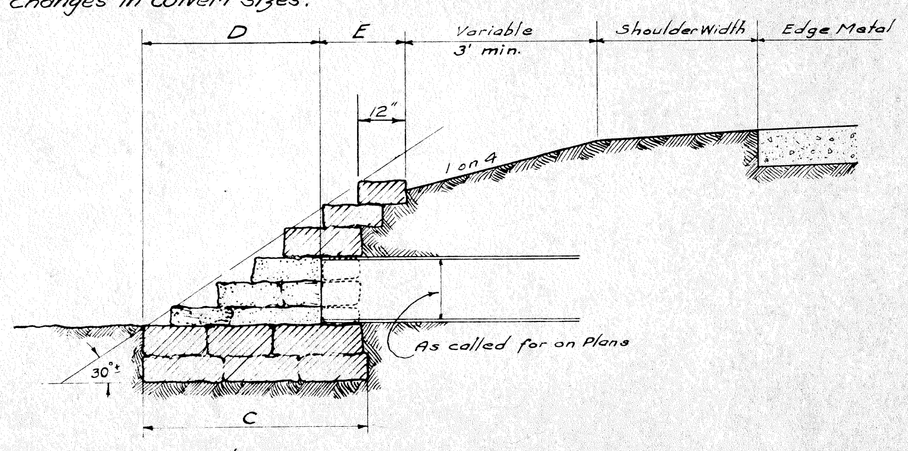
Dia.	A	B	C	D	E	F	G	Cu Yds Stone & Masonry
10"	12"	1'-10"	3'-9"	2'-9"	1'-5"	3'-6"	10"	1.8
12"	12"	2'-0"	4'-1"	3'-0"	1'-5"	4'-2"	12"	2.4
15"	12"	2'-3"	4'-7"	3'-5"	1'-6"	5'-0"	15"	3.6
18"	1'-3"	2'-6"	5'-1"	3'-10"	1'-7"	6'-0"	18"	5.4
24"	1'-3"	3'-0"	6'-2"	4'-9"	1'-9"	7'-10	24"	9.4
30"	1'-3"	3'-6"	7'-2"	5'-7"	1'-10"	9'-6"	30"	14.2
36"	1'-3"	4'-0"	8'-3"	6'-6"	2'-0"	11'-4"	36"	21.0

NOTES:
Pipe length is to be computed the same as on Std. E-13-A-1A

Variation in dimensions will be allowed, but dimensions shown in table are minimum. No variations in Cu yds. of Stratified Stone Masonry will be allowed outside of those shown in table due to changes in culvert sizes.

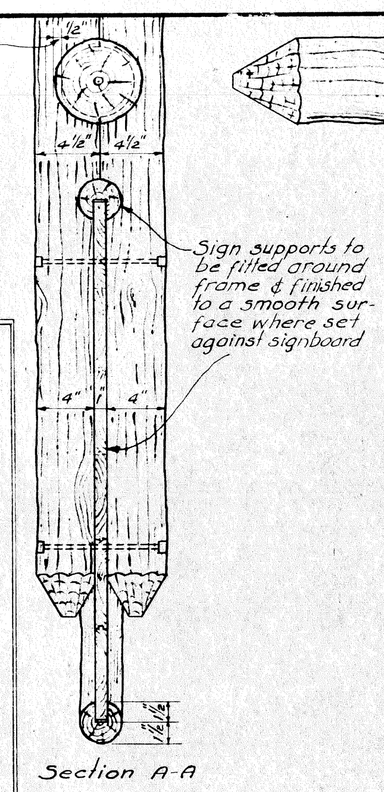


Front View



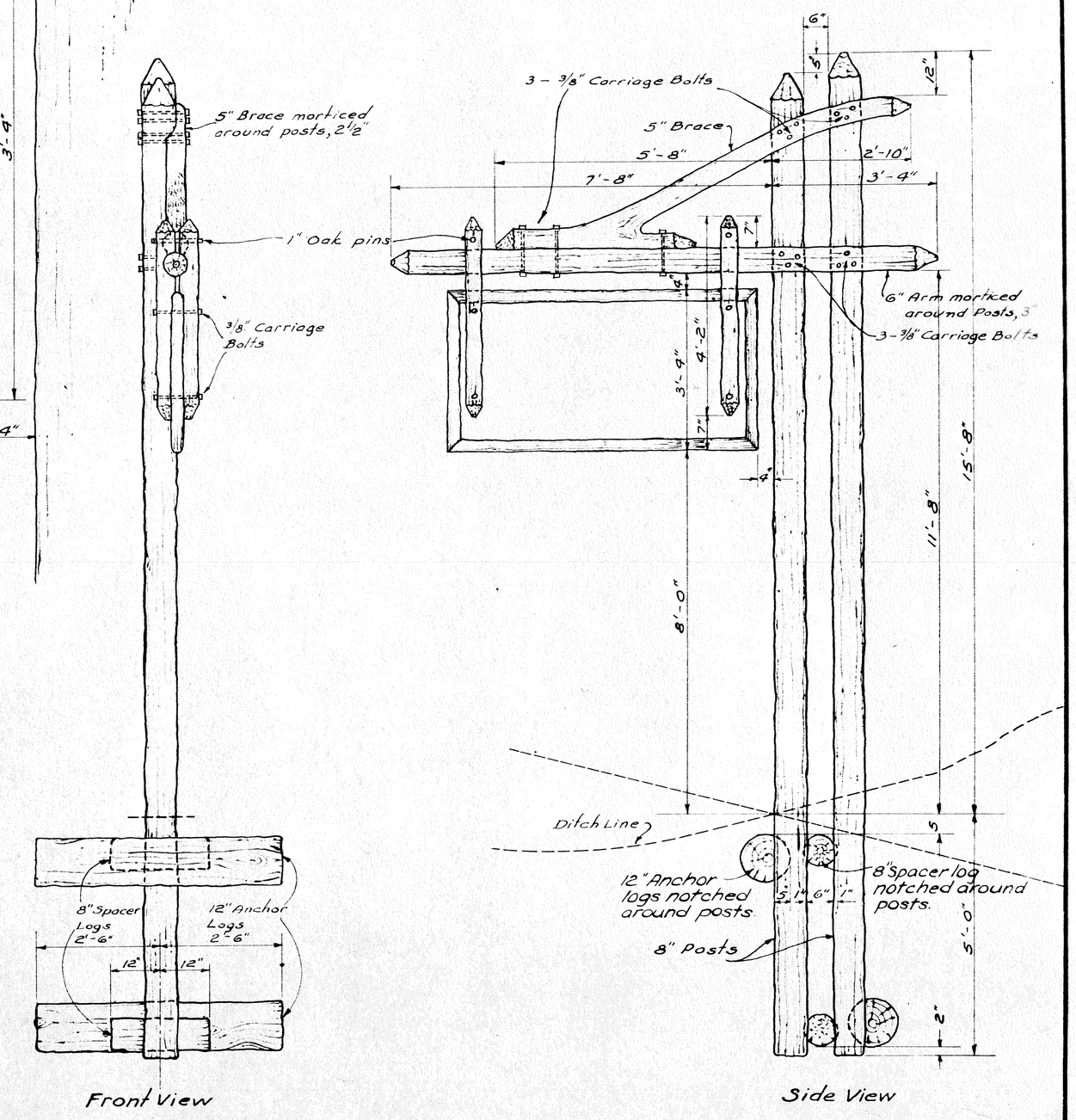
Section A-A

DETAIL OF HEADWALL
Scale: 1/4" = 1'-0"
To be used where called for on Plans

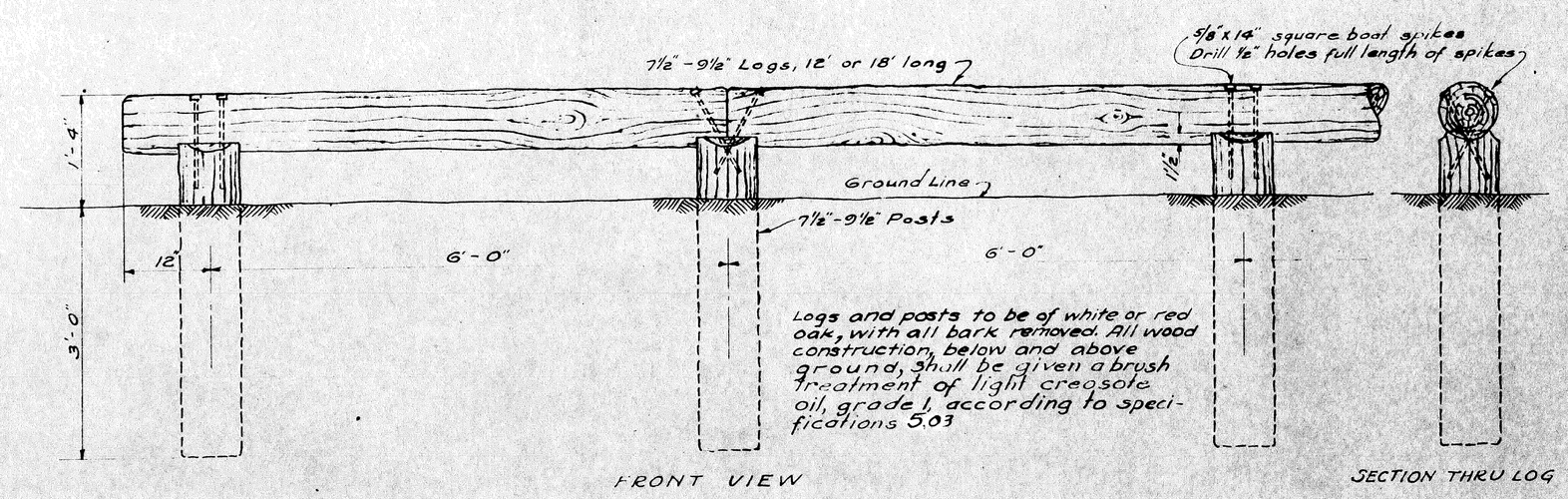


DETAIL OF RUSTIC HIGHWAY SIGNBOARD
Scale 1 1/2" = 1'-0"

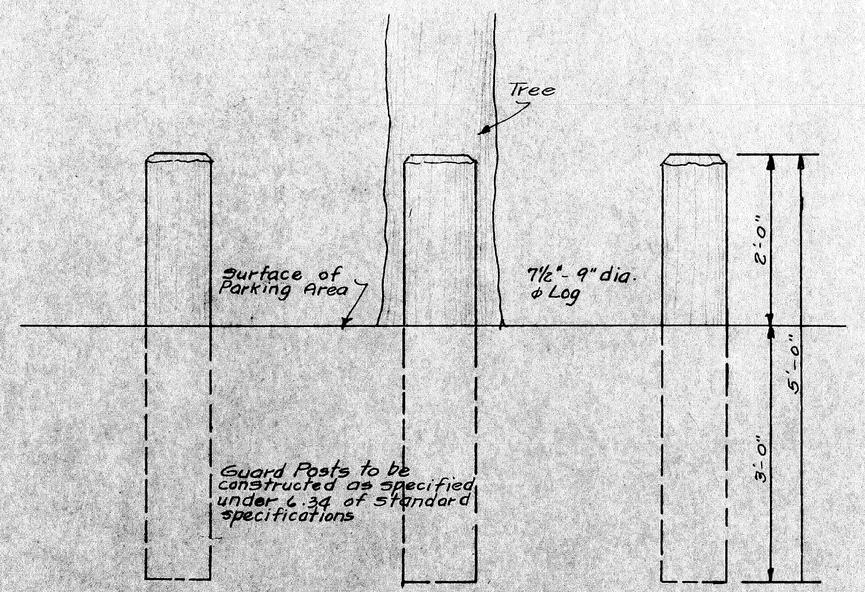
• NOTE:-
Material for Standard & Frame shall be of Cedar or White Oak with all bark removed.
The Signboard shall be made of No. 1 clear White Pine, tongue and grooved 1" x 10" boards, planed on both sides. The Signboard shall be lettered in white on a dark brown field, the dark brown field to be two spray coats of synthetic enamel type (both sides). The white enamel letters to be applied by the screen process method (both sides). Both sides of board to be finished with one coat of spar varnish. The completed Signboard to be furnished and placed by the Michigan State Highway Maintenance Division. The Standard and Sign, supports, boring holes, bolts & oak pins to be a part of this Contract. All wood shall be given a brush treatment of light creosote oil grade 1, according to Specifications 8.13. This treatment applies to all construction below and above ground.



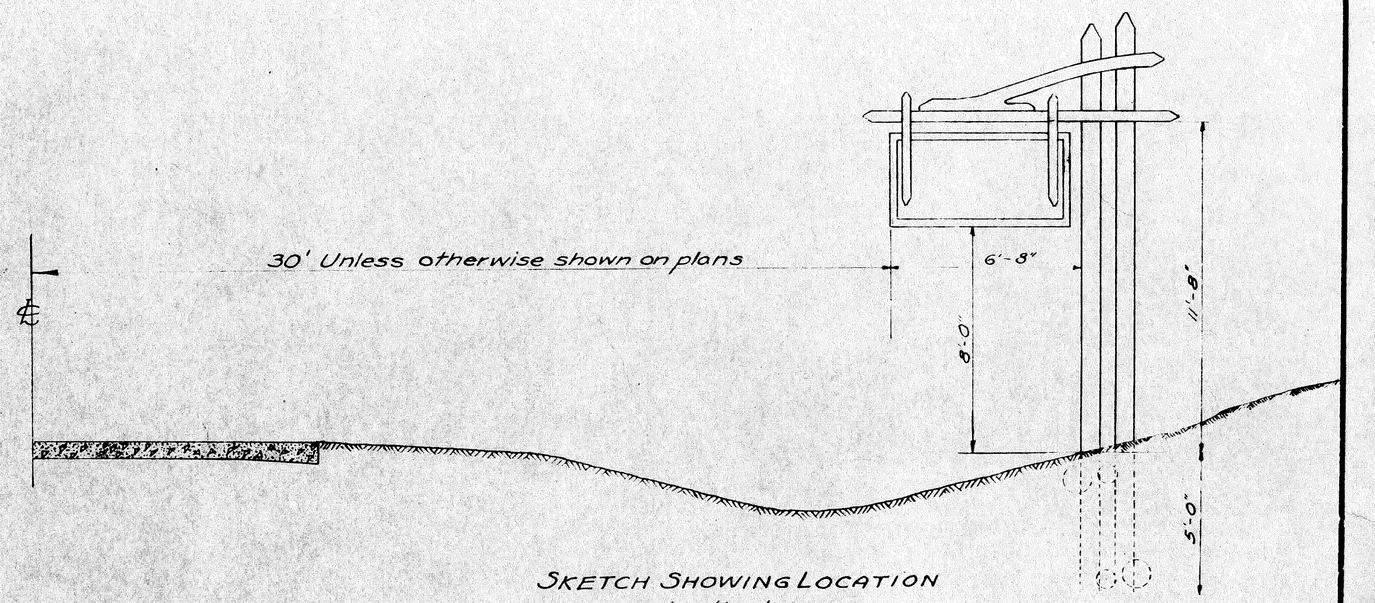
DETAIL OF RUSTIC HIGHWAY SIGN STANDARD
Scale 3/4" = 1'-0"



DETAIL OF RUSTIC GUARD RAIL
Scale: 3/4" = 1'-0"



DETAIL OF RUSTIC GUARD POSTS
Scale 3/4" = 1'-0"



SKETCH SHOWING LOCATION
Scale 1/4" = 1'-0"

FILE No. THIS No. 350 STENCIL	S-34-A-3L	STATE PROJECT 63-24	FED. SEC.	SHEET No. 7

QUANTITY SHEET - B

DIST. NO.	ROUTE	STATE PROJECT	COUNTY	CITIES	SHEET NO.	TOTAL SHEETS
7	US 10	MICH 63-24	WAYNE	DETROIT, FERNDALE	9	

SURFACING

AS PER PLANS

STA. TO STA.		LENGTH	WIDTH	CONCRETE PAVEMENT 8" UNIFORM SQ. YDS.	CONCRETE PAVEMENT 10"-8"-10" SQ. YDS.	PAVEMENT REINFORCEMENT SQ. YDS.	STABILIZED AGGREGATE SURFACE TREAT. MT. SQ. YDS.	CALCIUM CHLORIDE (ADMIXED) TONS	BITUMINOUS SURFACE TREATMENT MATERIAL TONS	BITUMINOUS BOND COAT T-3 GALLONS	REMOVING OLD SIDEWALK SQ. YDS.
0+82	100+30	L&R									8
8 Mile Rd.	East										
100+20	200+27			621		621					
600+66	600+70			58		58					
200+01	600+70	L&R			895	895					
200+27	600+56						2808	2.9	210.6	702	
Turnaround N of 8 Mile Rd.				169		169					
Turnaround S of 10 Mile Rd.				99		99					
TOTAL				947	895	1842	2808	2.9	210.6	702	8

AS CONSTRUCTED

STA. TO STA.		LENGTH	WIDTH							EXPLANATION OF CHANGES
TOTAL										

GUARD RAIL & GUARD POSTS (RUSTIC)

AS PER PLANS

STA. TO STA.		LIN. FT. GUARD RAIL	EACH POSTS
8 Mile Rd. East			
200+27	600+56 L&R	912	
500+77 L			3
600+42 R			3
TOTAL		912	6

AS CONSTRUCTED

STA. TO STA.		LIN. FT.	EACH POSTS	EXPLANATION OF CHANGES
TOTAL				

SODDING SQ. YDS.

AS PER PLANS

STA. TO STA.		LEFT SIDEWALK	RIGHT SIDEWALK
8 Mile Rd. East			
0+76	600+70 L&R	1510	
Turnaround N of 8 Mile Rd.			100
Total		1510	100

AS CONSTRUCTED

STA. TO STA.			EXPLANATION OF CHANGES

CURBS AND GUTTERS LIN. FT., CONC. SIDEWALK (SQ. FT.)

AS PER PLANS

STA. TO STA.		REMOVING CURB	CONCRETE CURB & DET. 4	CONCRETE CURB DET. 6	CONCRETE CURB DET. 10A	4" CONC. SIDEWALK
0+82	100+30 L&R					78
8 Mile Rd.	East					
0+76	100+35 L&R	123				
0+76	100+38 L&R				165	
100+20	600+70 L&R		1135			
100+08	100+95					315
600+58	L&R					245
Turnaround N of 8 Mile Rd.		112		195		
Turnaround S of 10 Mile Rd.		90		118		
Total		325	1135	313	165	638

AS CONSTRUCTED

STA. TO STA.		DRIVE RETURNS						EXPLANATION OF CHANGES

MANHOLES CATCH BASINS AND INLETS (EACH)

AS PER PLANS

STATION		DETAIL NO. 1A	5B	9E	POST FOOT THUG	REJOINT & FILL COVER	6B
8 Mile Rd. E							
300+96 L&R							2
400+39 L&R				2			
400+00 Lt.				1	1		
600+15 Rt.		1		1	1		
600+48 L&R			1		1		1
600+60						1	
100+43 L						1	
TOTAL		1		1	4	3	2	3

AS CONSTRUCTED

STATION		DETAIL NO.						EXPLANATION OF CHANGES
TOTAL								

HEADER (LIN. FT.)

AS PER PLANS

STATION		DETAIL NO. FC	CURB & GUTTER HEADER DET. 4
8 Mile Rd. E			
200+27		28	
600+56		28	
TOTAL		56	184

AS CONSTRUCTED

STATION		DETAIL NO.			EXPLANATION OF CHANGES
TOTAL					

REMARKS

TILE UNDERDRAIN & SEWERS (LIN. FT.)

AS PER PLANS

STA. TO STA.		6" TILE UNDERDRAIN	12" SEWER	15" SEWER	
8 Mile Rd.	East				
100+30	600+35 L				
100+30	600+50 R	1033			
300+45	600+48 L&R		575		
600+60	L&R			18	
TOTAL		1033	575	18	

AS CONSTRUCTED

STA. TO STA.								EXPLANATION OF CHANGES
TOTAL								

MISCELLANEOUS

Length of project, 10 mi. Turn-around 0.010 Mi.
" " " 8 mi. " " 0.010 "
" " " 8 mi. Parking Area 0.115 "
Total 0.135 "

Fine Grading and Cleanup, Sta. 100+20 to 600+70 E 5.50 Sta.

‡ Idle Rails, Turnaround N. of 8 Mile Rd. 84 lin. ft.
‡ " " " S of 10 Mile Rd. 86 " "
Total 170 " "

Removing Rustic Guard Rail, Turnaround N. of 8 Mile Rd. 50 lin. ft.

* Paint Traffic Lines & Traffic Arrows
Sta. 100+25 to 600+65 E.

* Transplant Shrubbery Turnaround N. of 8 Mile Rd.
Tree Removal, 13"-24" " Sta. 500+90 R East 1 each

‡ To be furnished & placed by Detroit Street Railway

* To be done by Maintenance Division

PLAN ESTIMATE BY H. L. Thrush DATE 7-4-40 CHECKED BY [illegible] DATE 9-5-40 DATA COMPLETED _____ DATE _____ PROJ. ENG. HISTORY CHECKED ENTERED ON PLANS BY _____ DATE _____

FILE NO. 1-3E NO. 350 S-34-A-31 STATE PROJECT FEDERAL PROJECT SHEET NO. 9