

5021

SR 53

SLM 14.18 to 16.36

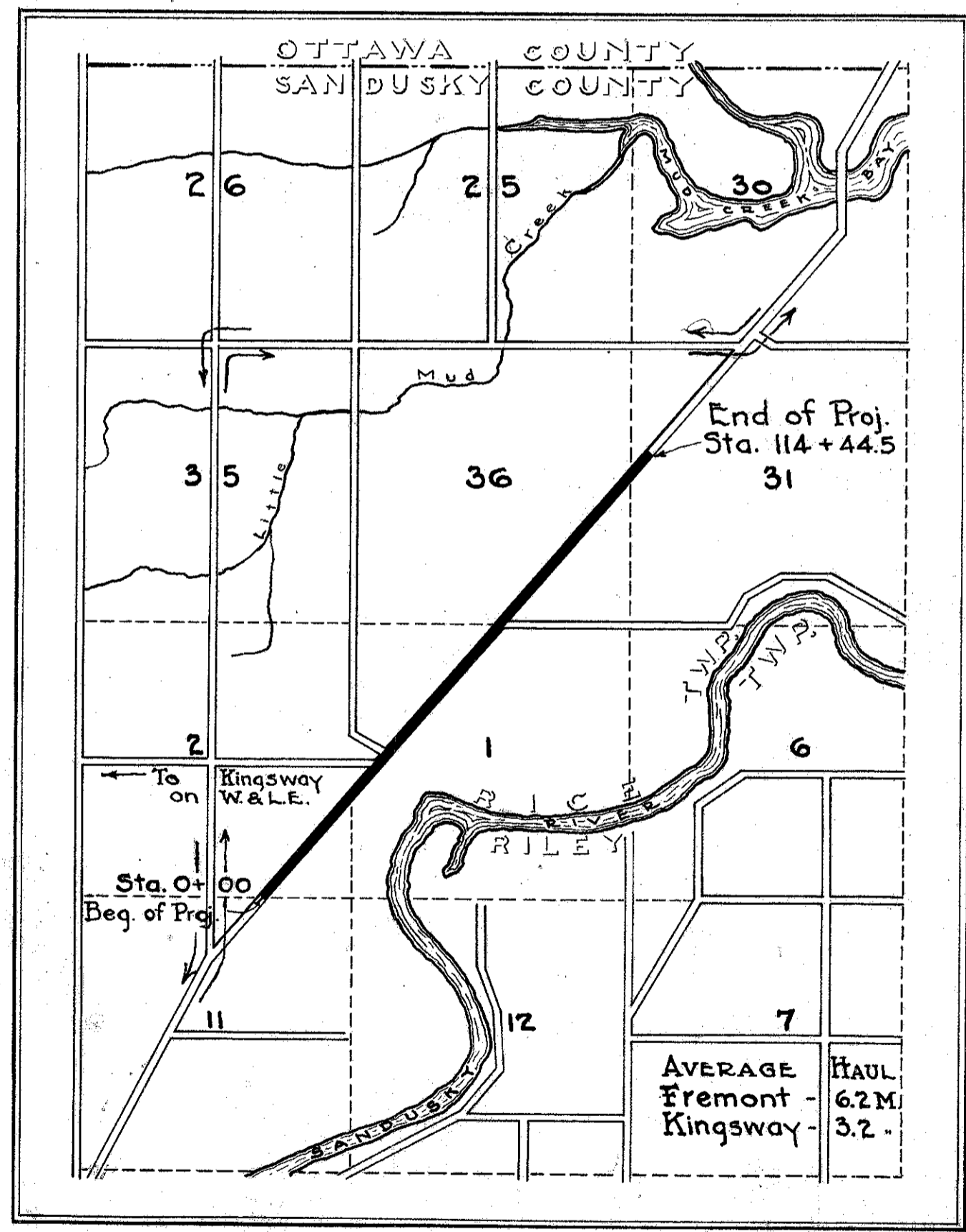
STATE OF OHIO  
 DEPARTMENT OF HIGHWAYS AND PUBLIC WORKS  
 DIVISION OF HIGHWAYS  
 BUREAU OF MAINTENANCE AND REPAIR

# FREMONT PORT CLINTON ROAD

I.C.H. 277 SECTION A-2  
 SANDUSKY COUNTY  
 RICE TWP. APRIL 1926

CONVENTIONAL SIGNS

County Line	-----
Section Line	- - - - -
Property Line not fenced	_____
Center Line	_____
Fence	-x-x-x-
Telephone or Telegraph	>>>>



LOCATION PLAN

SCALE OF MILES

PORTION TO BE IMPROVED ————  
 DETOURS SHOWN THUS ————

SCALES  
 Plan - 1" = 100', Profile (Vertical) 1" = 10'.  
 Cross Sections - 1" = 5' Profile (Horizontal) 1" = 100'

INDEX

Title Page	p. 1
Typical Cross Section	p. 2
Plans and Profile	p. 3-6
Cross Sections	p. 7-10
Structural Plans	p. 10
Summary	p. 10

The Standard Specifications of the State of Ohio - Division of Highways - in force on date of contract will govern this improvement.

I hereby approve these plans and declare that the making of this improvement will require the closing to traffic of the highway and that detours will be provided as shown on the plan and estimate.

We, the Commissioners of Sandusky County, hereby approve these plans and certify that the right of way 60' in width is available for the construction, maintenance and repair of the above highway.

*A. H. Rogers*  
*Geo. Fiedler*  
*H. S. Miller*

Date 5-11-1926. County Commissioners.

Approved Date 5-11-1926 *L. H. Wisman* Resident Engineer.  
 Approved Date 6-15-1926 *M. J. Hinshon* Division Engineer.  
 Approved Date 6-12-1926 *Henry J. Cook* Chief Engineer of Maintenance.  
 Approved Date 6-18-1926 *G. F. Schlessinger* State Highway Engineer.  
 Approved Date 6-18-1926 *G. F. Schlessinger* Director of Highways and Public Works.

CONSTRUCTION BUREAU  
 JUL 13 1926  
 GROUND PHOTOLAB

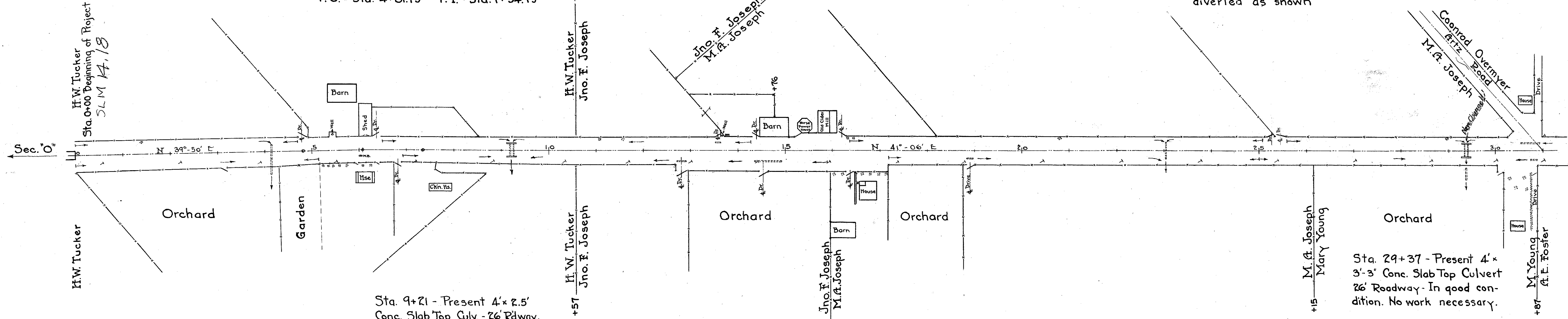
Sta. 0+01 - Drill hole on & Conc. Pavt. of Section 'O' Near Sec. 2, Rice Twp. Δ = 0°-00'  
For Detail of Approach at Sta. 0+00 See Page 6

P.I. - Sta. 6+08.33 - Set Iron Pipe  
References:- Mail Box - S.E. - 14'-0"  
Iron Gate Post - N.E. - 42'-0"  
N.E. Cor. Stone Shed - N.W. - 37'-8"  
Δ = 1°-16' R. D = 0°-30'  
E = 8" T = 126.6' L = 253.2'  
P.C. = Sta. 4+81.73 P.T. = Sta. 7+34.93

Sta. 13+61 - Take up present 10' 12" V.S.P. - Install 18' - (8' new) - 12" V.S.P. enc. in conc. - 20' L & . Build 2 Side Road Headwalls - Top to be 3'-6" above flow-line.

Sta. 23+03 - Present 36' of 12" C.I. Pipe. - 2 Std. Headwalls to be built.

Sta. 30+53 - Take up present 40' 15" V.S.P. - Install 100'-15" V.S.P. Encased in Conc. - 23' L & - from Sta. 30+00 to Sta. 31+00. Build 2 Side Road Culv. Headwalls making top of wall 5'-0" above flow-line. Channel of Side Road Ditch to be diverted as shown



Sta. 9+21 - Present 4' x 2.5' Conc. Slab Top Culv. - 26' Rdway. In good condition. No work necessary.

Sta. 29+37 - Present 4' x 3'-3" Conc. Slab Top Culvert 26' Roadway - In good condition. No work necessary.

B.M. Sta. -2+70  
N.W. cor. West Rail  
Conc. Culvert  
Elev. 589.23

Sta. 4+13 - Present 30'-24" C.I. Pipe. Build Hdwalls 15' Rand L & . Top of Walls to be 5'-0" above Flow Line. Remove V.S.P. Extension on R. interfering.

B.M. Sta. 9+25  
N.W. cor. West Rail  
Conc. Culvert  
Elev. 585.08

Sta. 12+77 - Build 2 Side Road Culv. Headwalls for Pvt. Dr. R. Walls to be 4'-0" above Flow L.

Build Side Road Culv. Headwalls at Sta. 14+35 and 14+93 for Pvt. Dr. on R. Walls to be 3'-0" above Flow Line

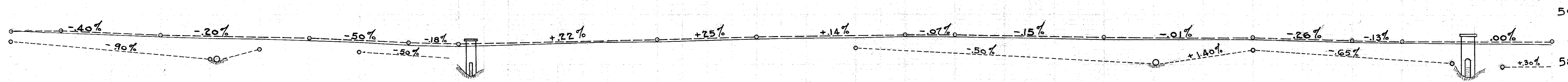
Sta. 18+90 - Install 18' of 8" Cor. I.P. and build 2 Side Road Culv. Headwalls for Pvt. Dr. R. Walls to be 3'-0" above Flow Line

B.M. - Sta. 29+40  
N.W. cor. West Rail  
Conc. Culvert  
Elev. 586.33

Station	Proposed Grade	Ditch Left	Ditch Right	Present Grade
0	586.70	584.60	584.60	586.67
1	586.70	583.75	583.70	586.27
2	586.30	582.90	582.80	585.93
3	585.90	582.05	581.90	585.47
4	585.70	581.30	581.00	585.25
5	585.50	581.50	583.00	585.07
6	585.30	581.30	581.80	584.81
7	584.80	581.80	581.80	584.43
8	584.30	581.80	581.80	583.88
9	584.12	581.12	583.68	583.68
10	584.34	584.34	583.93	583.93
11	584.56	584.56	584.13	584.13
12	584.78	584.78	584.45	584.45
13	585.00	585.00	584.58	584.58
14	585.25	582.75	584.95	584.95
15	585.50	585.50	585.05	585.05
16	585.64	585.64	585.18	585.18
17	585.78	583.25	583.25	585.22
18	585.92	582.75	582.75	585.53
19	585.85	582.25	582.25	585.42
20	585.70	581.75	581.75	585.25
21	585.55	581.25	581.25	585.12
22	585.40	580.75	580.75	584.98
23	585.39	580.25	580.05	584.96
24	585.38	581.45	581.45	584.93
25	585.37	582.85	582.85	584.94
26	585.11	582.20	582.20	584.64
27	584.85	581.55	581.55	584.43
28	584.72	580.90	580.90	584.30
29	584.72	580.25	580.25	584.26
30	584.72	579.60	579.60	584.33
31	584.72	579.90	579.90	584.31
32	584.72	579.90	579.90	584.31

Exc. = 472 Cu. Yds.  
Emb. + 12% = 471 Cu. Yds.

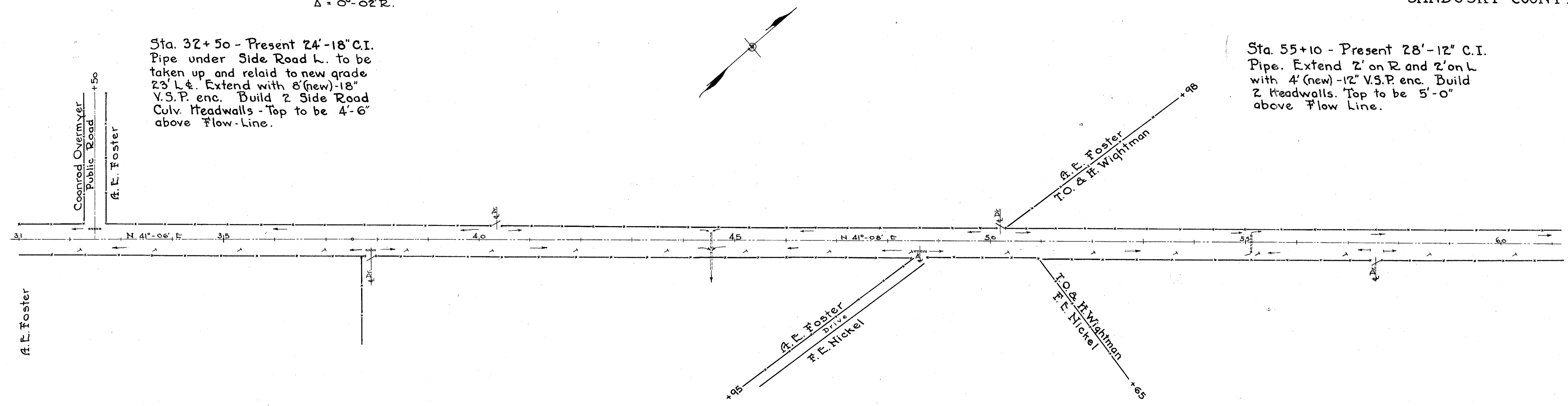
Exc. = 653 Cu. Yds.  
Emb. + 12% = 655 Cu. Yds.



P.I. - Sta. 37+50  
Δ = 0°-02'R.

Sta. 32+50 - Present 24'-18" C.I. Pipe under Side Road L. to be taken up and relaid to new grade 23' L. &. Extend with 8'(new)-18" V.S.P. enc. Build 2 Side Road Culv. Headwalls - Top to be 4'-6" above Flow-Line.

Sta. 55+10 - Present 28'-12" C.I. Pipe. Extend 2' on R and 2' on L with 4'(new)-12" V.S.P. enc. Build 2 Headwalls. Top to be 5'-0" above Flow-Line.



Sta. 44+55 - Present 30'-12" C.I. Pipe. - Extend on L with 2' 12" V.S.P. enc. Build 2 Headwalls Top to be 5'-0" above Flow-line

B.M. Sta. 43+52  
Spike Tel. Pole R.  
Elev. 582.62

B.M. Sta. 56+89  
Spike Tel. Pole R.  
Elev. 582.21

Station	Proposed Grade	Ditch Left	Ditch Right	Present Grade
31	584.72	579.90	579.90	584.31
				Exc. - 557 Cu.Yds. Emb. +12% = 557 Cu.Yds.
35	584.83	580.20	580.20	584.41
				Exc. - 271 Cu.Yds. Emb. +17% = 270 Cu.Yds.
	584.94	580.50	580.50	584.48
	585.05	580.80	580.80	584.60
	585.16	581.10	581.10	584.76
	585.27	581.40	581.40	584.85
	585.27	581.70	581.70	584.80
	585.27	582.00	582.00	584.84
	585.18	582.15	579.90	584.76
	585.09	582.30	579.70	584.66
	584.75	580.10	579.50	584.40
	584.40	579.90	579.30	583.98
	584.29	579.70	579.10	583.87
	584.18	579.50	578.90	583.75
	583.95	579.40	578.90	583.48
	583.72	579.50	579.00	583.30
	583.71	579.90	579.10	583.15
	583.70	580.10	579.20	583.20
	583.69	580.30	579.31	583.26
	583.68	580.50	579.23	583.37
	583.67	579.55	579.15	583.17
	583.66	579.35	579.07	583.33
	583.65	579.15	578.99	583.21
	583.64	578.95	578.91	583.16
	583.63	578.75	578.83	583.03
	583.62	578.70	579.00	583.19
	583.61	578.65	579.20	583.19
	583.60	578.60	580.00	583.14
	583.52	578.55	579.90	582.98
	583.44	578.50	579.80	583.01
	583.36	578.45	579.70	582.90
60	Proposed Grade	Ditch Left	Ditch Right	Present Grade

Exc. - 557 Cu.Yds.  
Emb. +12% = 557 Cu.Yds.

Exc. - 271 Cu.Yds.  
Emb. +17% = 270 Cu.Yds.

Exc. - 1002 Cu.Yds.  
Emb. +13% = 1002 Cu.Yds.

FOR ANY QUESTIONS PLEASE CONTACT ODOT DISTRICT 2 REAL ESTATE AT 419-353-8131



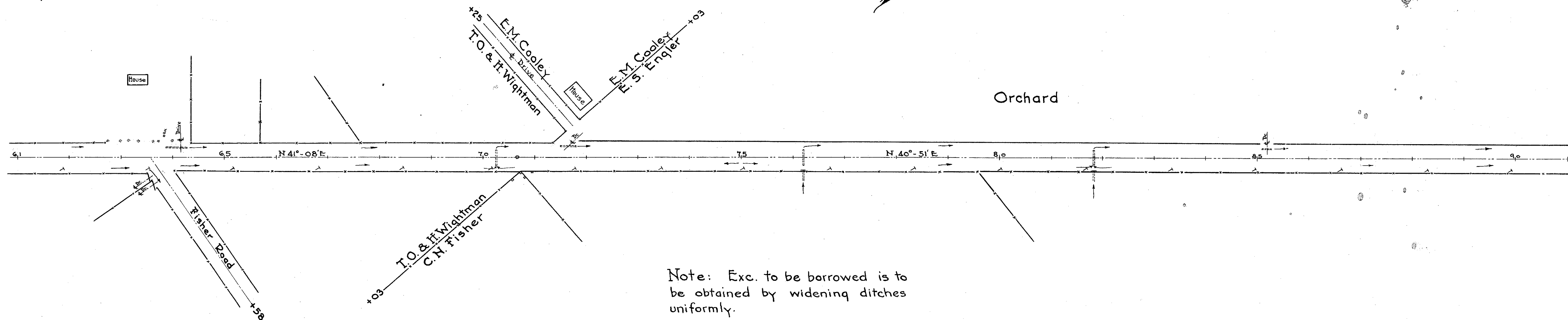
Sta. 63+87 - Take up Present 42'-15" V.S.P. - Relay to new grade 23' L of  $\phi$ , from Sta. 63+58 to Sta. 64+30 (30' new). Enc. 18' under Pvt. Dr. Build 2 Side Road Culv. Hdwalls. Top to be 4'-6" above F.L.

P.I. - Sta. 70+66  
 $\Delta = 0^\circ-17'L$ .

From Sta. 64+30 to end of project Ditch on L to have 3' Bottom.

Sta. 71+65 - Take up Present 30'-12" V.S.P. - Install 36' of 18" Cor. I.P. to new grade 24' L of  $\phi$  Build 2 Side Road Culv. Hdwalls Top to be 5'-0" above Flow-L.

Sta. 85+19 - Take up Present 18' of 18" V.S.P. - Install 18' of 18" Cor. I.P. - 23' L of  $\phi$ . Build 2 Side Road Culv. Hdwalls. Top to be 4'-6" above Flow-Line



B.M. Sta. 63+85  
Center of Annular  
Rings on Stump 40'L  
Elev. 581.46

Sta. 70+26 - Present 30'-12"  
C.I. Pipe. Extend on L with 2'  
12" V.S.P. enc. Build 2 Hdwalls  
Top of Walls to be 5'-0" above F.L.

B.M. Sta. 76+21  
N.W. cor. Concrete  
Hdwall on Tile-27'R  
Elev. 578.94

Sta. 76+21 - 32' of  
8" Field Tile crosses  
Rd. Contractor to keep  
unobstructed. Present tile  
in good condition.

B.M. Sta. 81+84  
3' From S. end Conc.  
Hdwall on Tile-25'R  $\phi$   
Elev. 579.01

Sta. 81+84 - Present 30'-12" C.I.  
Pipe. Extend on R with 2'-12" V.S.P.  
enc. Build 2 Hdwalls. Top of  
Walls to be 4'-6" above Flow-Line.

Station	Proposed Grade	Ditch Left	Ditch Right	Present Grade
61	583.36	578.45	579.70	582.90
62	583.28	578.40	579.60	582.87
63	583.03	578.35	579.50	582.81
64	582.78	578.30	579.40	582.37
65	582.73	577.80	578.50	582.33
66	582.68	577.70	578.30	582.25
67	582.63	577.60	578.10	582.21
68	582.58	577.50	577.90	582.11
69	582.53	577.40	577.70	582.14
70	582.48	577.30	577.50	582.06
71	582.30	577.25	577.60	581.88
72	581.88	577.20	577.70	581.46
73	581.61	577.15	577.80	581.19
74	581.34	577.10	577.90	580.92
75	581.30	577.05	578.00	580.80
76	581.26	577.00	577.90	580.73
77	581.22	577.00	577.80	580.77
78	581.18	576.95	577.60	580.78
79	581.14	576.90	577.40	580.69
80	581.10	576.85	577.20	580.71
81	581.06	576.80	577.00	580.60
82	581.02	576.75	576.89	580.55
83	580.98	576.67	576.78	580.55
84	581.08	576.59	576.67	580.60
85	581.18	576.51	576.56	580.80
86	581.28	576.43	576.45	580.87
87	581.23	576.35	576.34	580.83
88	581.18	576.27	576.28	580.76
89	581.13	576.19	576.22	580.63
90	581.08	576.11	576.16	580.67
91	580.94	576.03	576.10	580.56

Exc. = 691 + 206 Cu. Yds. Borrow  
Emb. + 12% = 897 Cu. Yds.

Exc. = 419 + 21 Cu. Yds. Borrow  
Emb. + 12% = 440 Cu. Yds.

Exc. = 552 + 290 Cu. Yds. Borrow  
Emb. + 12% = 842 Cu. Yds.

P.I. Sta. 110+65  
Δ = 0°-06'

Sta. 101+79 - Remove Present Plank Top Struc. - Install 18" 24" Cor. I.P. - 24' L &. Build 2 Side Road Culv. Headwalls. Top to be 5'-6" above Flow-Line.

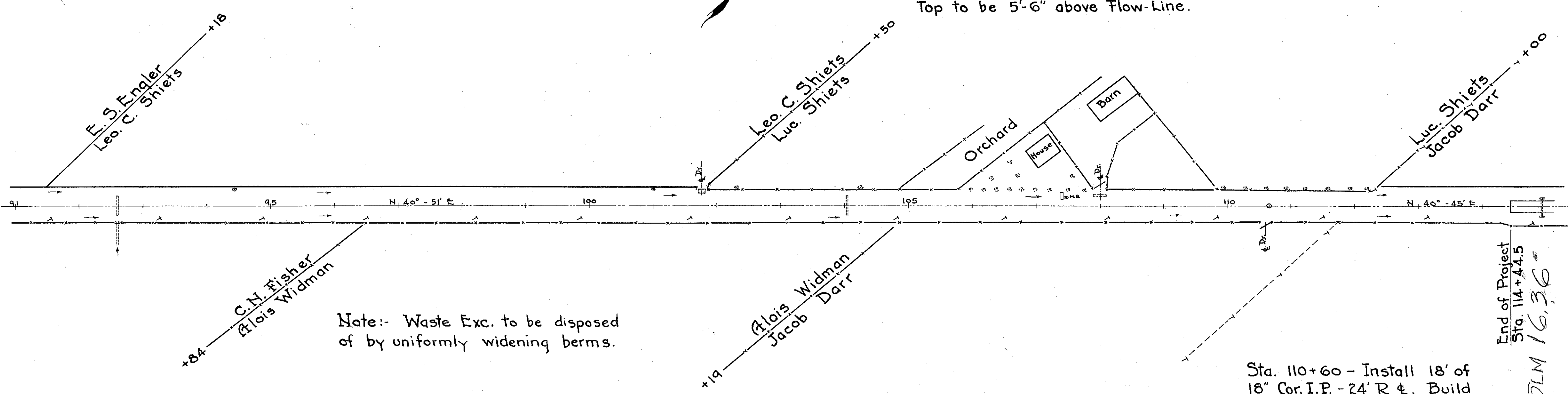
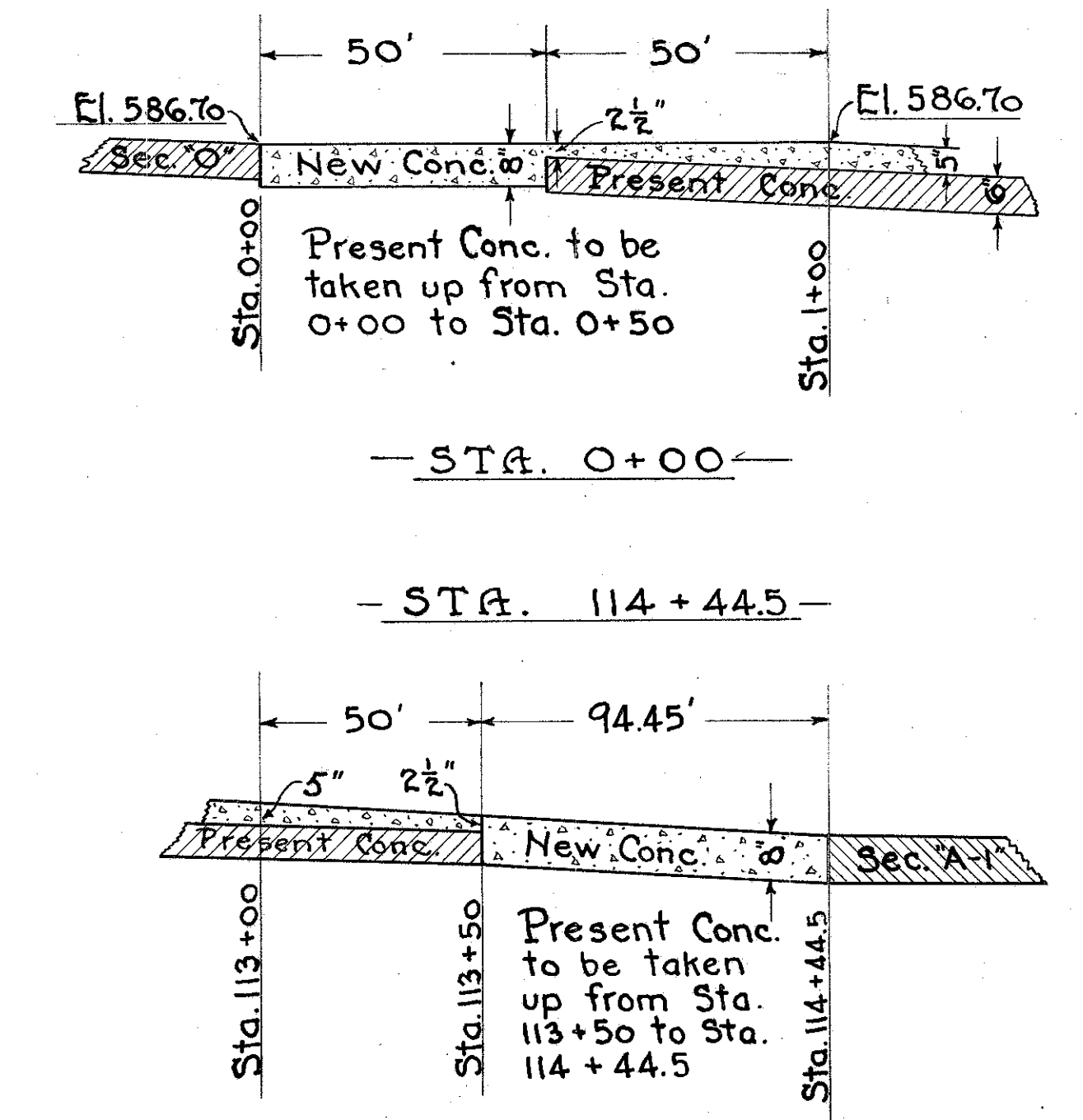
Sta. 108+00 - Take up Present 20' - 24" V.S.P. - Install 70' (new) 24" V.S.P. - 24' L &, from Sta. 107+40 to 108+10. Enc. 18' under Dr. Build 2 Side Road Culv. Headwalls. Top to be 5'-6" above Flow-Line.

Sta. 110+60 - Install 18' of 18" Cor. I.P. - 24' R &. Build 2 Side Road Culv. Headwalls. Top to be 5'-6" above Flow-Line.

Note: Waste Exc. to be disposed of by uniformly widening berms.

End of Project Sta. 114+44.5  
JLM 16.36

APPROACH DETAILS



B.M. Sta. 92+60  
NW cor. Concrete  
Headwall on Tile 25' R.  
Elev. 578.20

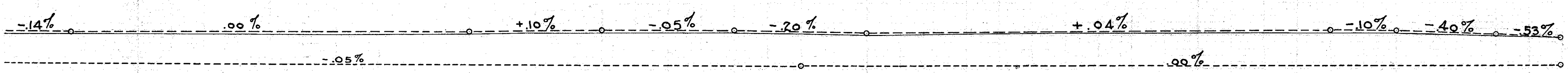
Sta. 92+60 - Present 30' - 18" C.I. Pipe. Extend on R with 2' 18" V.S.P. enc. Build 2 Headwalls. Top to be 5'-0" above Flow-Line.

B.M. Sta. 104+25  
R.R. Spike in 30" Elm Stump 26' L.  
Elev. 579.04

Sta. 104+03 - Present 30' of 12" C.I. Pipe. Build two Headwalls. Top to be 5'-0" above Flow-Line.

B.M. Sta. 112+25  
Sp. in Stump L.  
Elev. 580.80

Station	Proposed Grade	Ditch Left	Ditch Right	Present Grade
91	580.94	576.03	576.10	580.56
	580.80	575.95	576.05	580.40
	580.80	575.91	576.00	580.43
	580.80	575.87	575.95	580.36
	580.80	575.83	575.90	580.40
	580.80	575.79	575.85	580.32
	580.80	575.75	575.80	580.36
	580.80	575.71	575.75	580.33
	580.90	575.67	575.70	580.48
	581.00	575.63	575.65	580.54
	580.95	575.59	575.60	580.53
	580.90	575.55	575.55	580.47
	580.70	575.50	575.50	580.28
	580.50	575.45		580.03
	580.54	575.40		580.06
	580.58			580.21
	580.62			580.18
	580.66			580.24
	580.70			580.22
	580.74			580.30
	580.78			580.37
	580.68			580.34
	580.28			580.04
	580.08			579.67
	579.81			579.58
114	579.58	575.40	575.50	579.58



Exc. = 1306 - 33 Cu. Yds. Waste  
Emb. +12% = 1273 Cu. Yds.

Exc. = 1213 - 179 Cu. Yds. Waste  
Emb. +12% = 1034 Cu. Yds.