

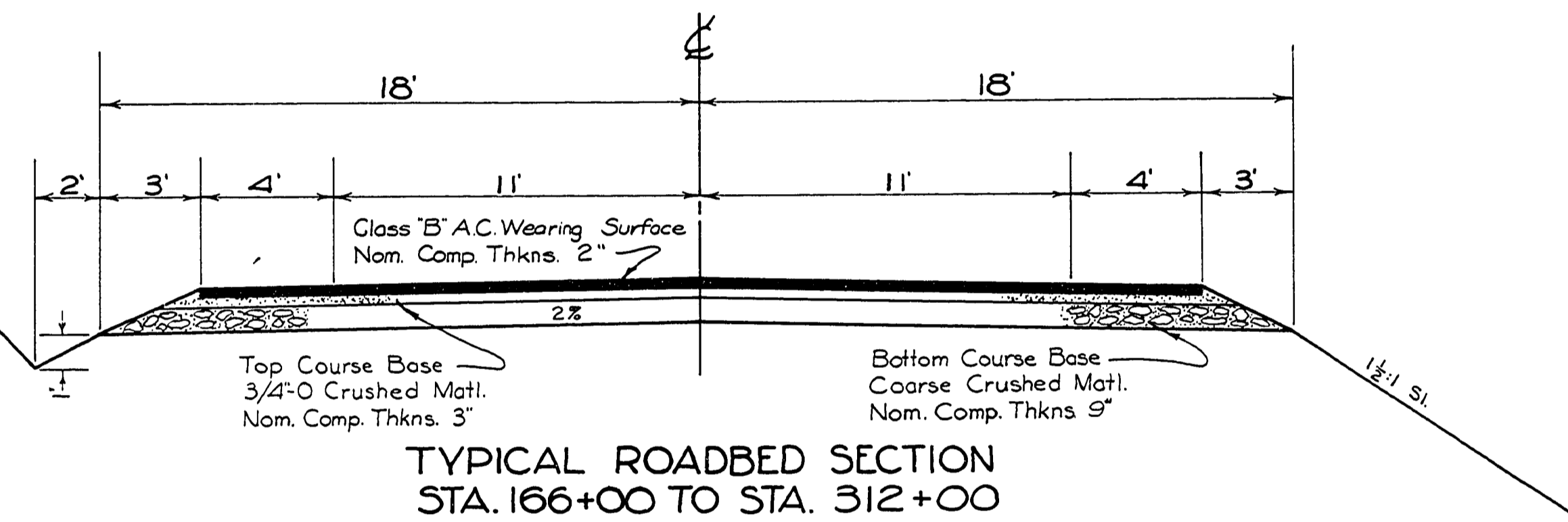
VICINITY MAP

DOUGLAS COUNTY, OREGON
 PLANS FOR PROPOSED PROJECT
 GRADING & SURFACING

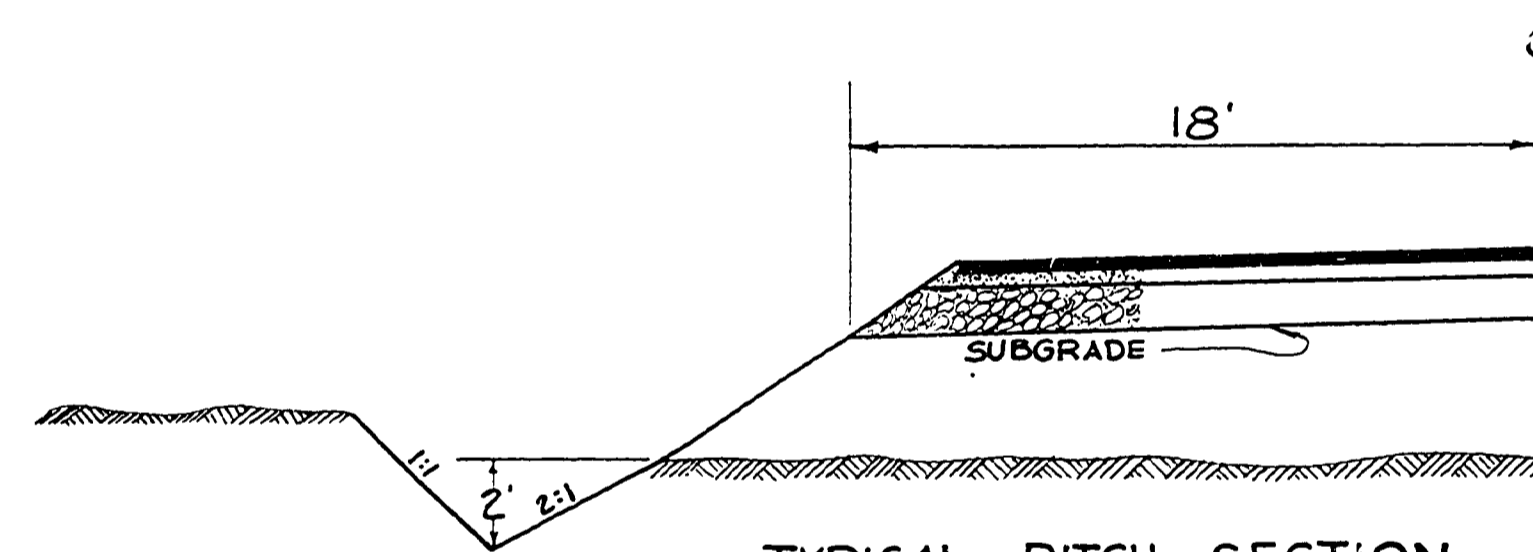
ROSEBURG RESTON LOOP, ROAD NO. 5

MILE POINT 3.43 to MILE POINT 6.23

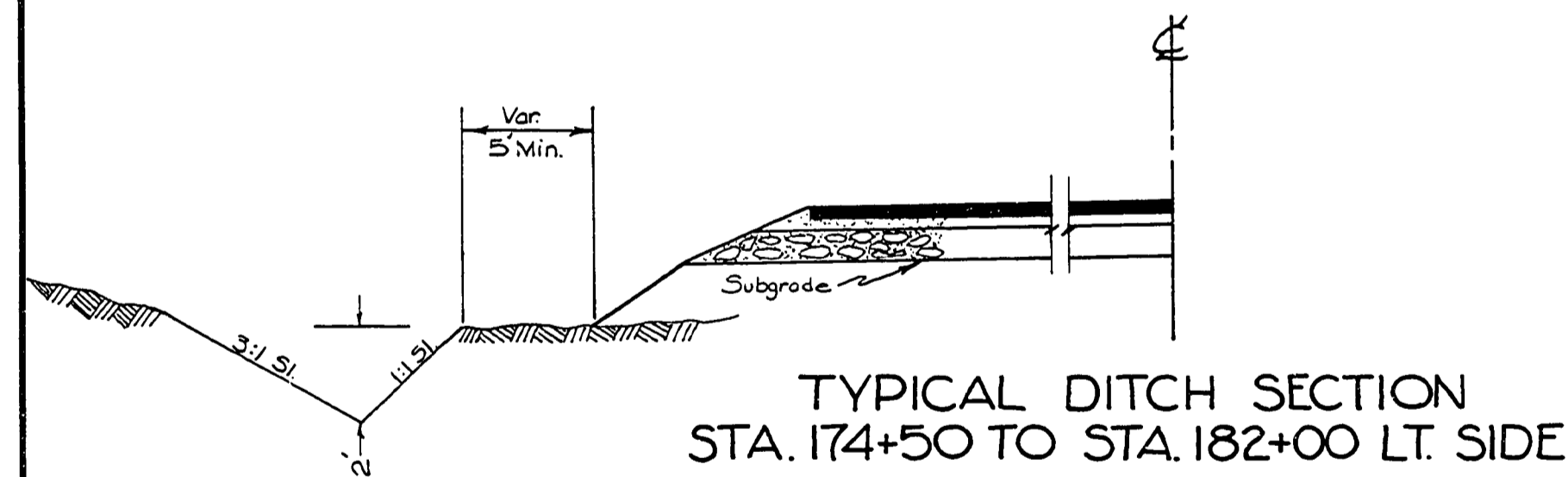
SEPT. 1969



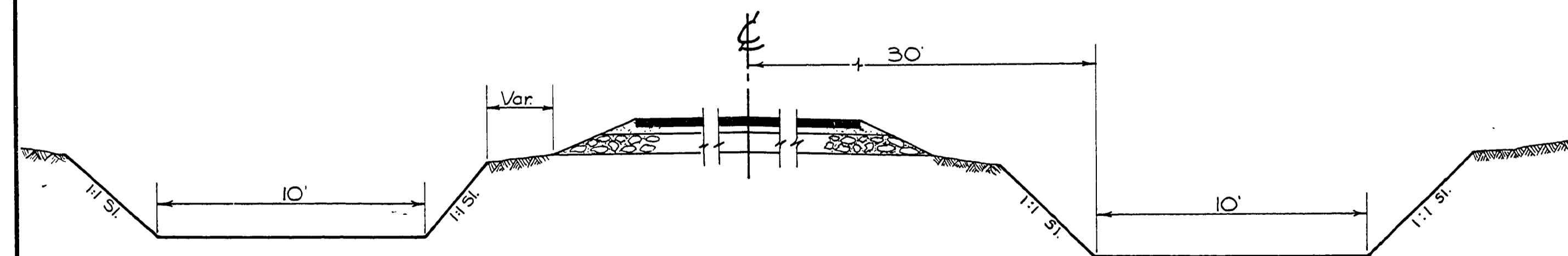
TYPICAL ROADBED SECTION
 STA. 166+00 TO STA. 312+00



TYPICAL DITCH SECTION
 STA. 237+50 to STA. 250+25 LT.
 "NOTE" Use same ditch through any cut sections in this area.

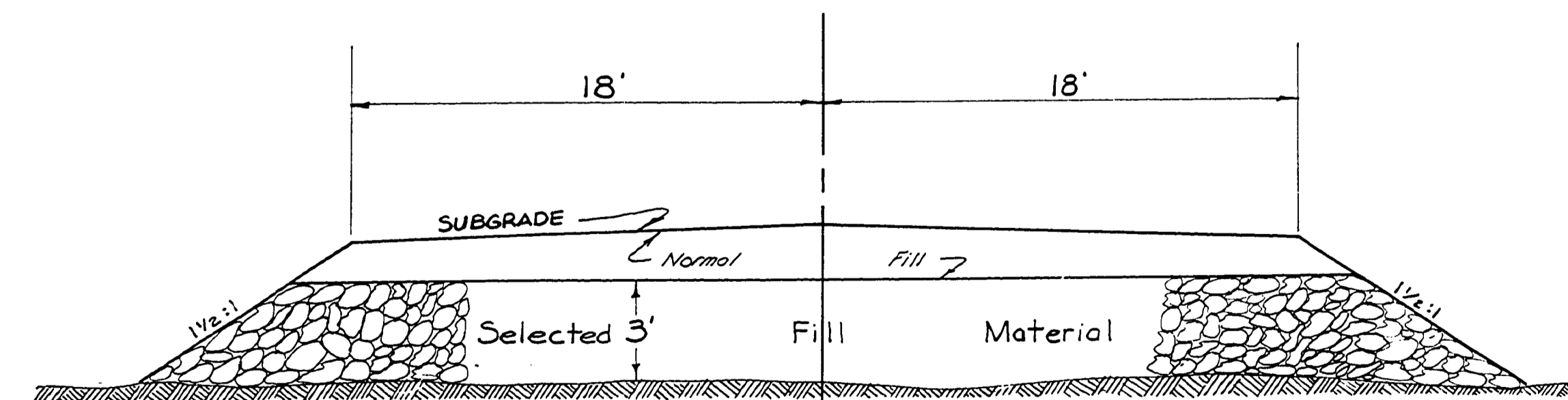


TYPICAL DITCH SECTION
 STA. 174+50 TO STA. 182+00 LT. SIDE



CHANNEL CHANGE LT.
 STA. 185+50 TO STA. 189+50
 STA. 211+00 TO STA. 214+50
 STA. 219+00 TO STA. 223+00

CHANNEL CHANGE RT.
 STA. 246+50 TO STA. 250+00

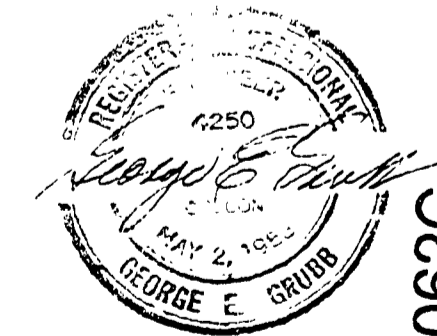


TYPICAL FOR SELECTED FILL
 STA. 175+50 to STA. 181+50
 STA. 186+00 to STA. 193+50

INDEX OF DRAWINGS
 SHEET

- #1 TITLE SHEET & TYPICAL SECS.
- 2 QUANTITY SUMMARY
- 3 PIPE LIST
- 4-8 ROAD PLANS
- 9 GUARD RAIL
- 10 STANDARD SYMBOLS

TOTAL 10 SHEETS



Douglas County Road Dept.
 ROSEBURG RESTON LOOP #5
 Date: Sept 1969 Sheet 1 of 10
 George E. Grubb County Eng.

0342062C

QUANTITY SUMMARY

ITEM	UNIT	QUANTITY	ALLOWANCE	TOTAL
1. CLEARING & GRUBBING	Lump Sum	ALL	—	ALL
2. GENERAL EXCAVATION (UNCLASS.)	CU YD.	48,503	4,847	53,350
3. FURNISH & PLACE SELECTED FILL (DEVELOPMENT CLASS 7)	CU YD.	7,587	763	8,350
4. OVERHAUL	C" V. Sta.	2,958.2	291.8	3,250.0
5. FINISHING ROADBED & SLOPES	Lump Sum	ALL	—	ALL
6. DITCH EXCAVATION (UNCLASS.)	CU YD.	663	67	730
7. TRENCH EXCAVATION (UNCLASS.)	CU YD.	648	62	710
8. WATERING	MI-GAL.	718	82	800
9. OBLITERATION OF OLD ROADBED	STA.	30	5	35
10. COARSE CRUSHED MATERIAL IN BASE	TON	28,380	2,320	31,200
11. 3/4"-0 MATERIAL IN BASE	TON	9,000	900	9,900
12. 3/4"-0 MATERIAL IN PRIME	CU YD.	447	53	500
13. RS-1 ASPHALT IN PRIME	TON	102	13	115
14. ASPHALT CONCRETE PAVEMENT	TON	5,664	586	6,250
15. 12" CULV. PIPE	Lin. Ft.	652	68	720
16. 18" CULV. PIPE	Lin. Ft.	364	36	400
17. 24" CULV. PIPE	Lin. Ft.	96	9	105
18. 36" CULV. PIPE	Lin. Ft.	148	17	165
19. 60" C.M.P.	Lin. Ft.	186	19	205
20. MAIL BOX STAND (SINGLE)	EACH	17	3	20
21. MAIL BOX STAND (MULTIPLE)	EACH	2	1	3
22. ROLLER HOURS	HOURS	200	20	220
23. GUARD RAIL	Lin. Ft.	2,625	275	2,900
24. RAIL END PIECES	EACH	18	2	20
25. GUARD RAIL BLOCKS	EACH	245	25	270
26. EXTRA FOR A.C. APPROACHES	EACH	25	4	30

DOUGLAS COUNTY ROAD DEPT.
 ROSEBURG RESTON LOOP #5
 DATE: SEPT 69 SHEET 2 OF 10
 GEORGE E. GRUBB COUNTY ENG.

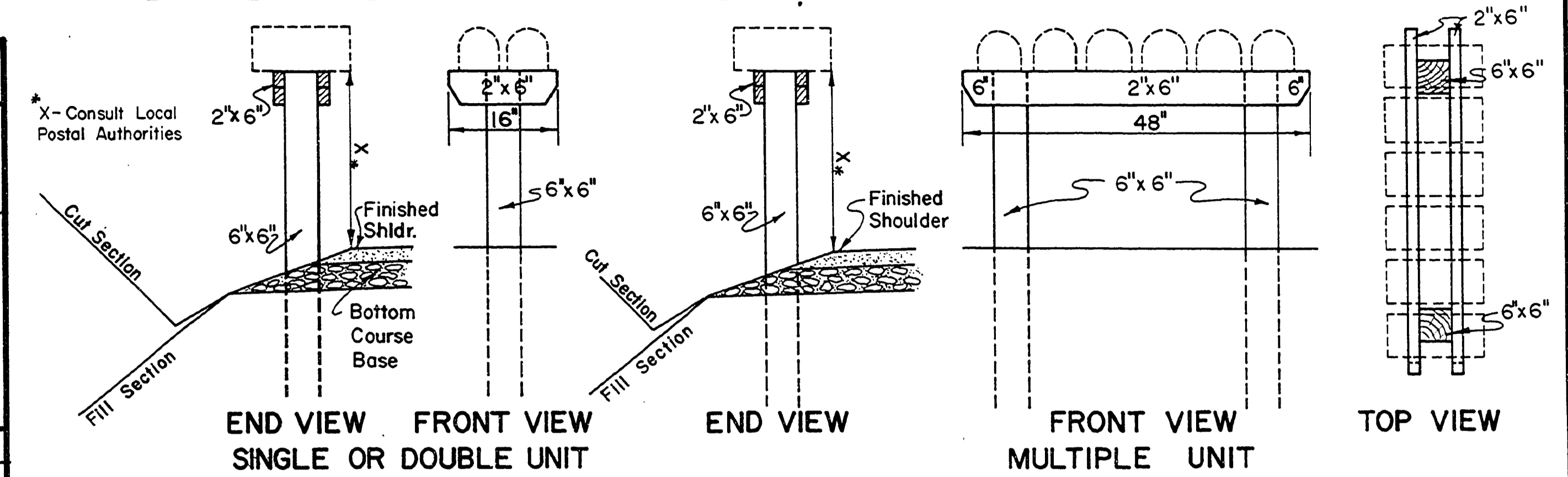
0342QUAN

PJ # 5

PIPE LIST, MAIL BOX STAND, DRIVEWAY TYPICALS & SLOPE STAKE EXAMPLE

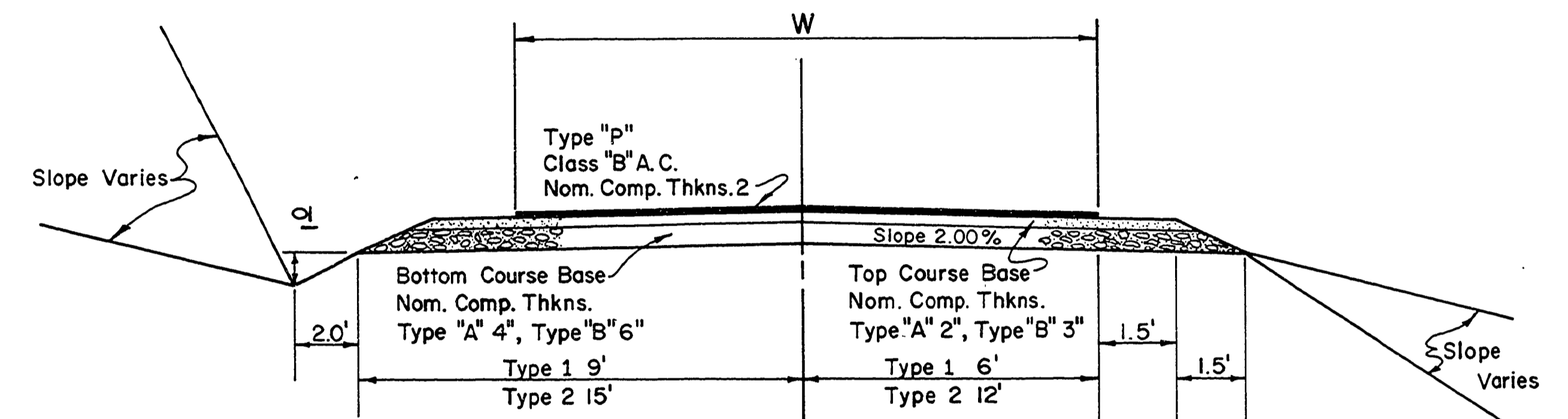
PIPE LIST									
STATION	DIAMETER	LENGTH	MATERIALS					TRENCH EXC. CU. YDS.	REMARKS STRUTTED END TREATMENT, IMPERFECT TRENCH ETC.
			ALUMINUM		GALV. STEEL		CONCRETE		
			ANNULAR CORR. GALV.	HELVICAL CORR. ASPHALT COATED	ANNULAR CORR. GALV.	HELVICAL CORR. ASPHALT COATED	CLASS III IV		
315+00	12"	34'			16	16	✓	2	Driveway
315+30	12"	24'			"	"	✓	2	"
316+45	12"	24'			"	"	✓	2	"
317+00	12"	24'			"	"	✓	2	"
318+40	12"	24'			"	"	✓	2	"
319+10	12"	24'			"	"	✓	2	"
319+40	12"	24'			"	"	✓	2	"
320+15	12"	24'			"	"	✓	2	"
320+30	12"	30'			"	"	✓	2	"
322+20	36"	52'			14	14	✓	7	Driveway
322+75	12"	30'			16	16	✓	2	"
323+30	12"	24'			"	"	✓	2	"
332+40	12"	24'			16	16	✓	2	Driveway
334+00	12"	40'			"	"	✓	3	"
334+40	12"	24'			"	"	✓	2	"
335+90	12"	40'			"	"	✓	3	"
337+00	36"	52'			14	14	✓	20	Driveway
337+65	36"	34'			"	"	✓	3	"
338+20	12"	24'			16	16	✓	2	"
338+40	12"	24'			"	"	✓	2	"
339+00	12"	34'			"	"	✓	2	"
339+65	12"	24'			"	"	✓	2	"
339+65	12"	24'			"	"	✓	2	"
340+15	12"	24'			16	16	✓	2	Driveway
341+55	36"	30'			14	14	✓	3	"
341+70	12"	24'			16	16	✓	2	"
342+00	36"	30'			14	14	✓	6	"
343+60	12"	24'			16	16	✓	2	"
347+08	12"	24'			"	"	✓	2	"
351+15	12"	24'			"	"	✓	2	"
353+15	12"	24'			"	"	✓	2	"
358+25	12"	30'			"	"	✓	2	"
358+65	72"x44"	56'			"	"	✓	4	"
367+30	12"	24'			16	16	✓	2	Driveway
371+35	12"	24'			"	"	✓	2	"
371+35	12"	24'			"	"	✓	2	"
376+05	12"	24'			"	"	✓	2	"
378+30	24"	48'			"	"	✓	7	Driveway
384+55	12"	34'			"	"	✓	3	"
388+00	12"	24'			"	"	✓	2	"
392+75	24"	42'			"	"	✓	18	"
399+35	12"	24'			"	"	✓	2	Driveway
400+15	12"	24'			"	"	✓	2	"
400+45	12"	24'			"	"	✓	2	"

NOTE: PIPE LENGTHS & LOCATIONS TO BE VERIFIED IN FIELD.



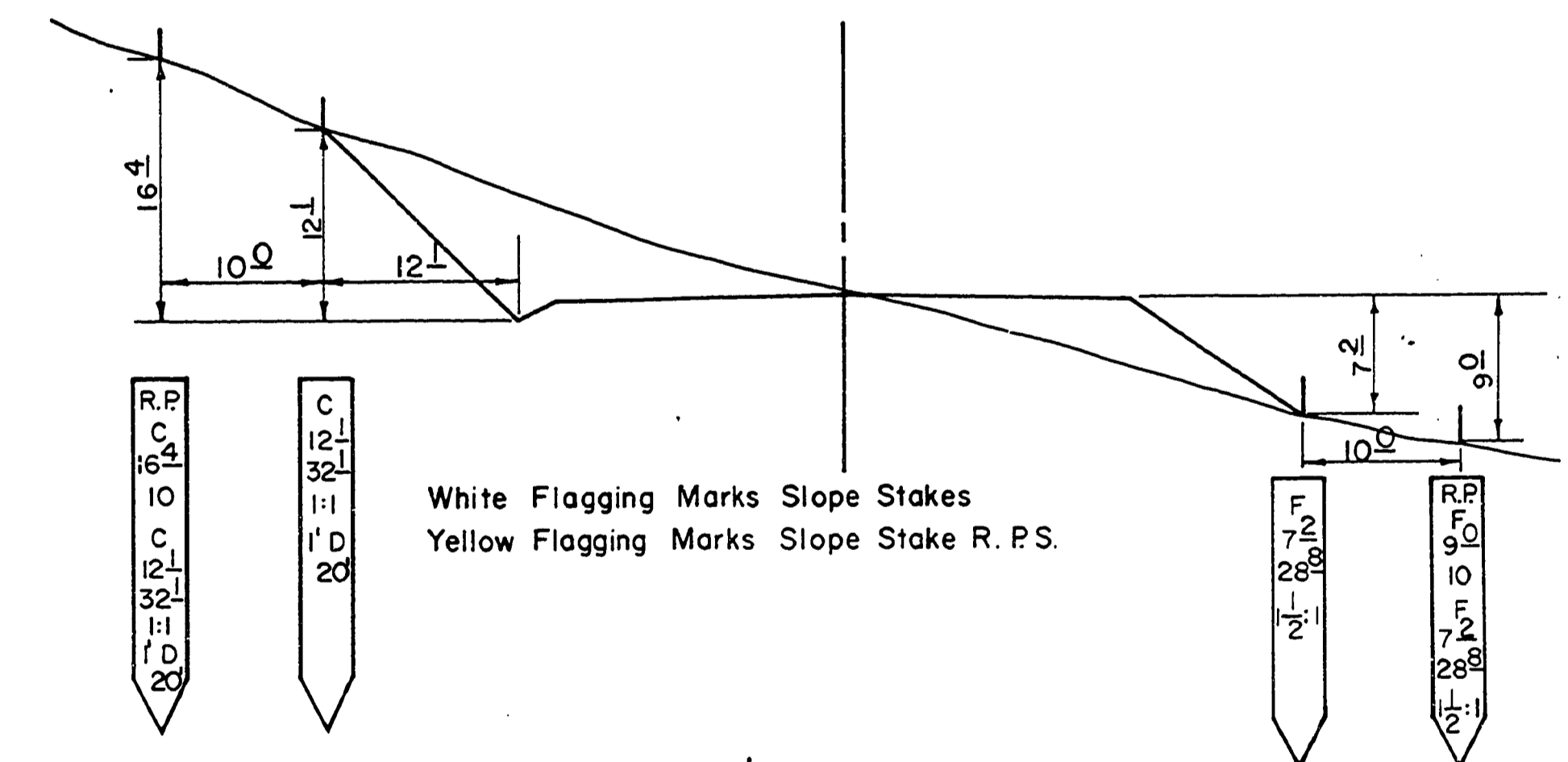
NOTE: All Posts to be of Cedar, Posts to be Set a Minimum of 24" Below the Surface of the Ground.

TYPICAL MAIL BOX STAND



TYPICAL SECTION
TYPE 1 & 2 SURFACING WIDTHS
TYPE A & B SURFACING THICKNESS
TYPE P (P SIGNIFIES PAVING REQUIRED)

RURAL DRIVEWAY & ROAD APPROACH STANDARD



SLOPE STAKE EXAMPLE

TYPICAL MARKING BACK OF STAKE.



JOB NAME *Rhs - Paston Loop*
JOB NUMBER *5*
DATE *SEPT. 1969*
Douglas County Road Dept.
PIPE LIST, MAIL BOX STAND RURAL DRIVEWAY & SLOPE STAKE EX.
Date: May 1969 Stnd. Dwg. 1

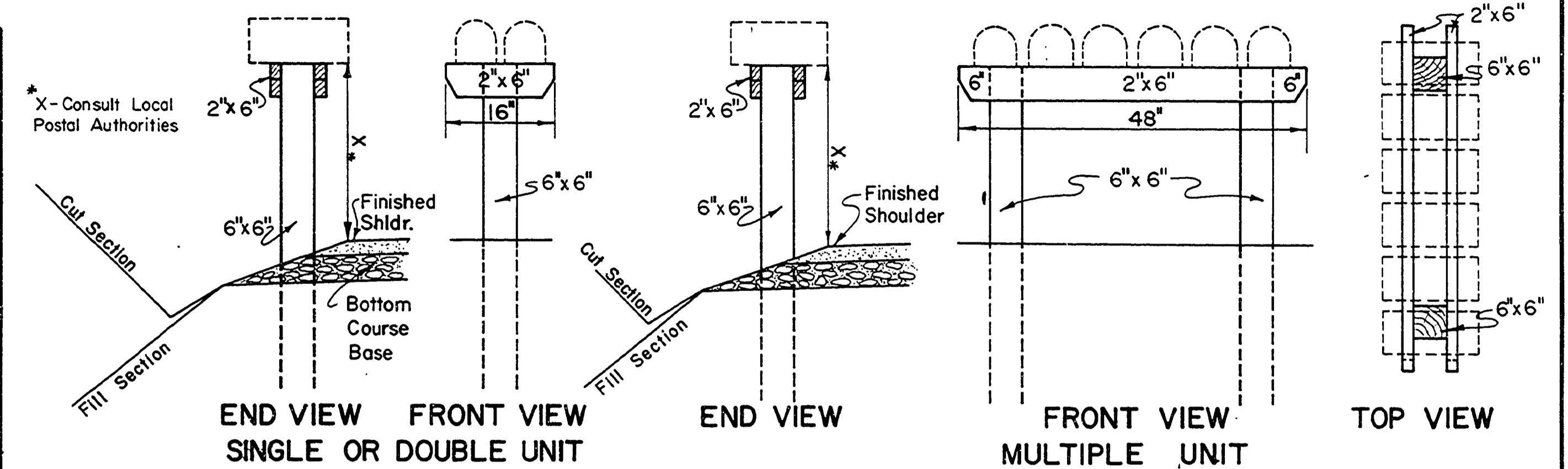
0342PLMB

K. #5 RD #5

PIPE LIST, MAIL BOX STAND, DRIVEWAY TYPICALS & SLOPE STAKE EXAMPLE

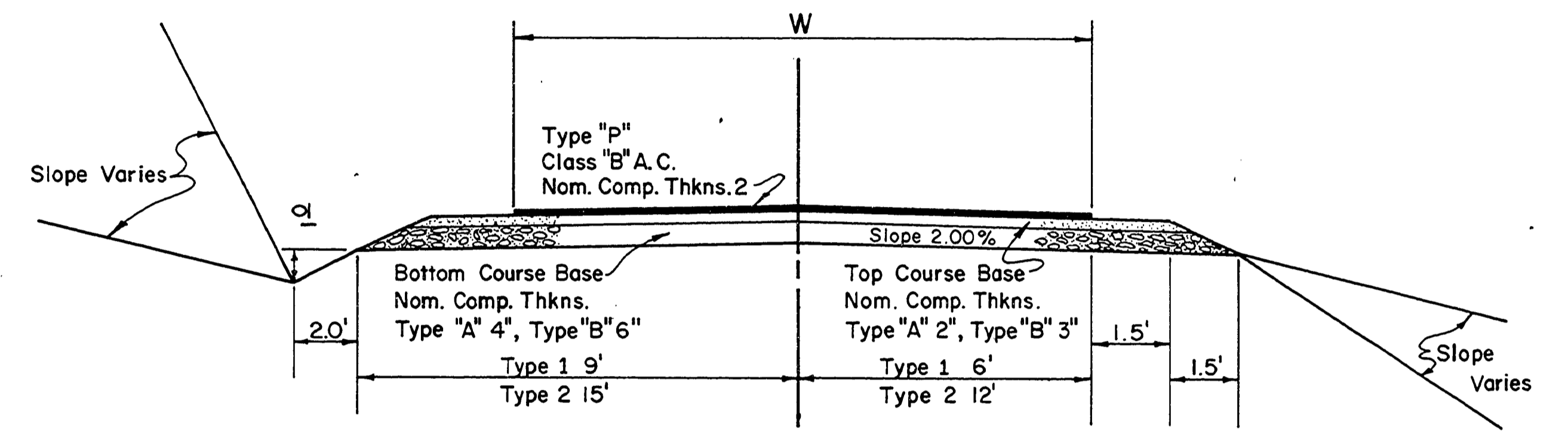
STATION	DIAMETER	LENGTH	PIPE LIST MATERIALS						TRENCH EXC. CU. YDS.	REMARKS STRUTTED END TREATMENT, IMPERFECT TRENCH ETC.	
			ALUMINUM			GALV. STEEL					CONCRETE CLASS III, IV
			ANNULAR CORR. GAGE	HELICAL CORR.	ASPHALT COATED	ANNULAR CORR. GAGE	HELICAL CORR.	ASPHALT COATED			
176+50	24"	56'				16	16	✓		2	
183+75	18"	40'						✓		35	Const. Outlet Ditch
190+10	18"	56'						✓		11	
194+50	18"	56'						✓		28	
203+00	18"	56'						✓		2	
212+00	18"	52'						✓		3	
212+80	60"	34'				10		✓		3	Const. Outlet Ditch
219+00	18"	52'				16	16	✓		13	
222+00	12"	32'						✓		2	Driveway
223+50	12"	50'						✓		3	"
223+70	60"	130'				10		✓		375	Sloped Ends
239+00	12"	30'				16	16	✓		2	Driveway
241+50	12"	30'						✓		2	"
243+00	12"	30'						✓		2	"
246+00	36"	36'				14	14	✓		2	Driveway
250+25	60"	56'				10		✓		47	Sloped Ends
253+00	12"	30'				16	16	✓		2	Driveway
257+00	12"	60'						✓		4	"
264+50	24"	40'						✓		12	
267+50	12"	30'						✓		2	Driveway
270+00	12"	30'						✓		2	"
271+00	12"	30'						✓		2	"
273+00	12"	30'						✓		2	"
273+50	12"	30'						✓		2	"
277+50	12"	30'				16	16	✓		2	Driveway
278+50	12"	30'						✓		2	"
282+50	12"	30'						✓		2	"
284+00	36"	48'				14	14	✓		27	
287+10	12"	30'				16	16	✓		2	Driveway
293+70	36"	64'				14	14	✓		36	
297+00	12"	30'				16	16	✓		2	Driveway
301+50	12"	30'						✓		2	"
303+70	12"	30'						✓		2	"
305+00	12"	30'						✓		2	"
309+80	18"	52'						✓		7	
310+50	12"	30'						✓		2	Driveway

NOTE: PIPE LENGTHS & LOCATIONS TO BE VERIFIED IN FIELD.



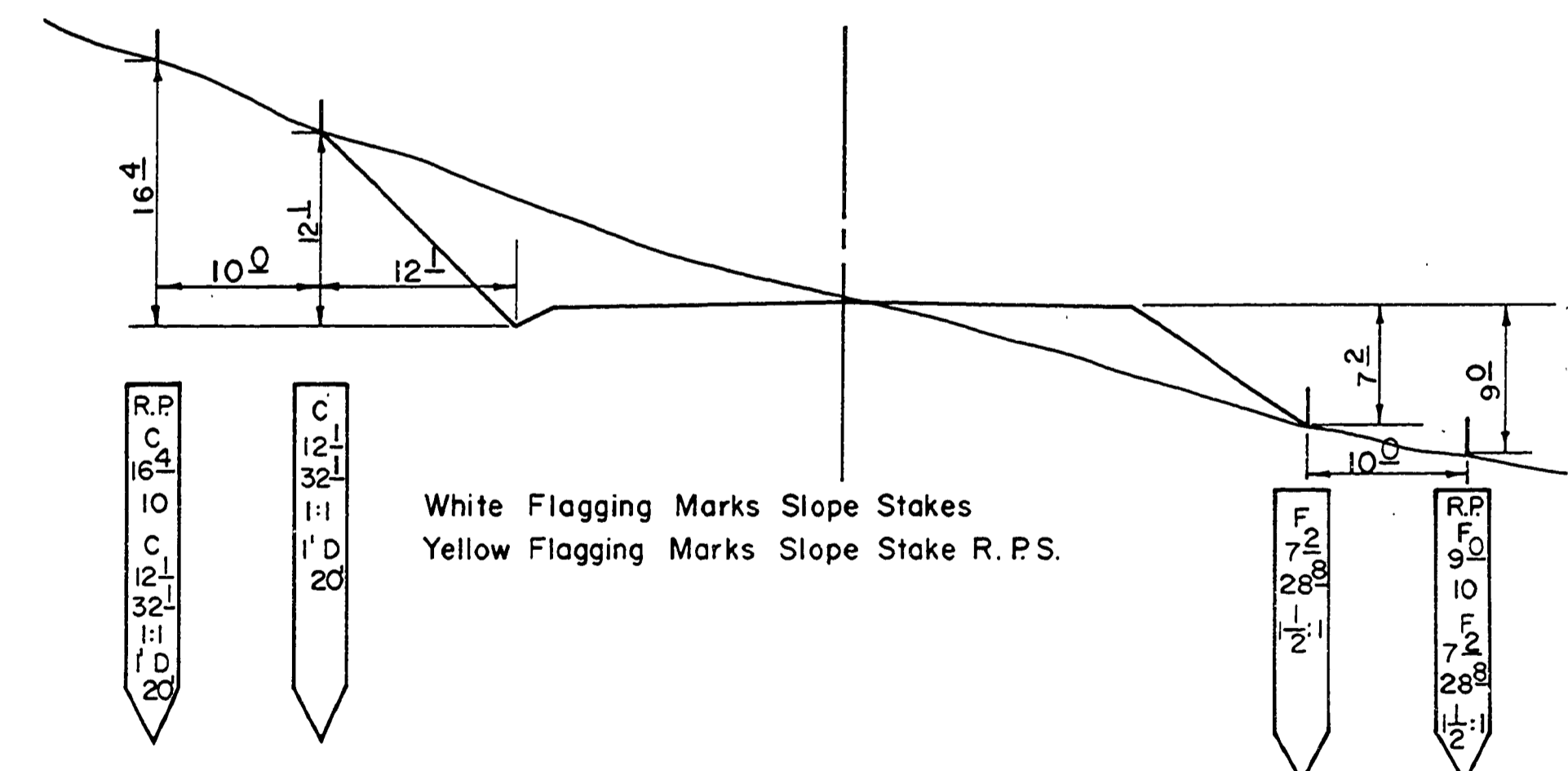
NOTE: All Posts to be of Cedar, Posts to be Set a Minimum of 24" Below the Surface of the Ground.

TYPICAL MAIL BOX STAND



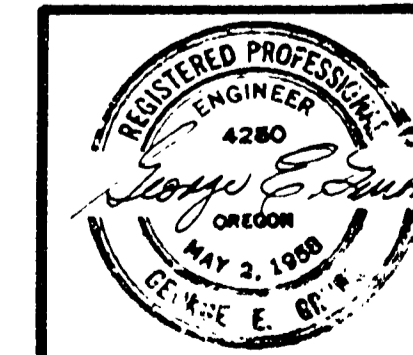
TYPICAL SECTION
TYPE 1 & 2 SURFACING WIDTHS
TYPE A & B SURFACING THICKNESS
TYPE P (P SIGNIFIES PAVING REQUIRED)

RURAL DRIVEWAY & ROAD APPROACH STANDARD



SLOPE STAKE EXAMPLE

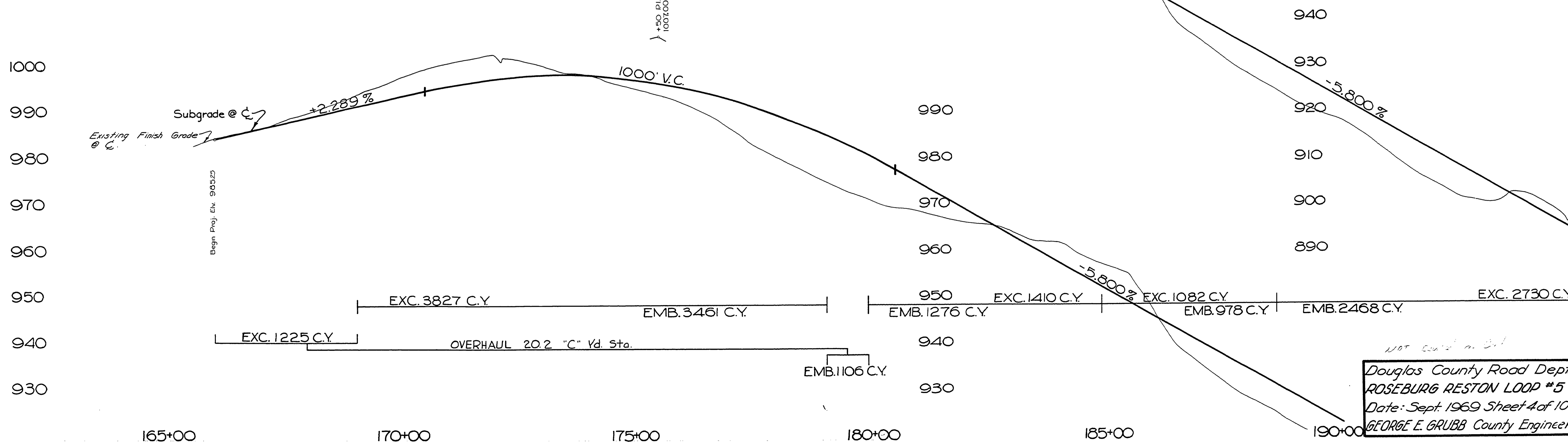
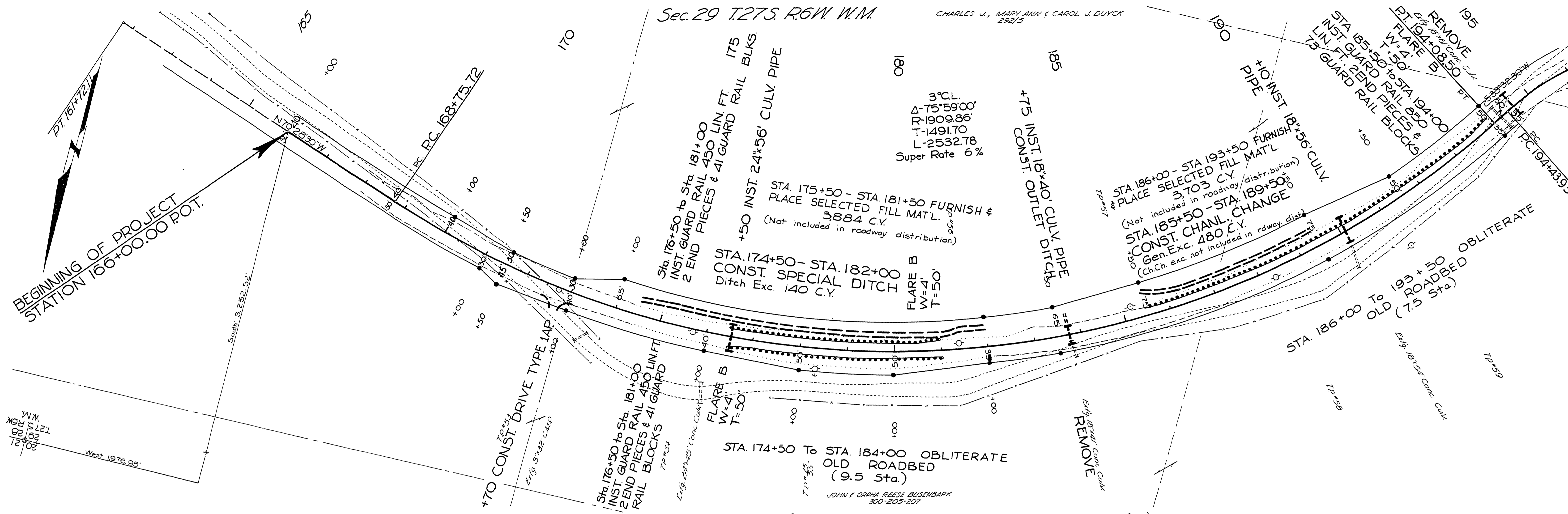
TYPICAL MARKING BACK OF STAKE.



JOB NAME *Revised - Raton Loop*
 JOB NUMBER *5 West Unit Lock Hill*
 DATE *SEPT 1969*
 Douglas County Road Dept.
 PIPE LIST, MAIL BOX STAND RURAL DRIVEWAY & SLOPE STAKE EX.
 Date: May 1969 Std. Dwg. 1

0342DWSS

RD #5



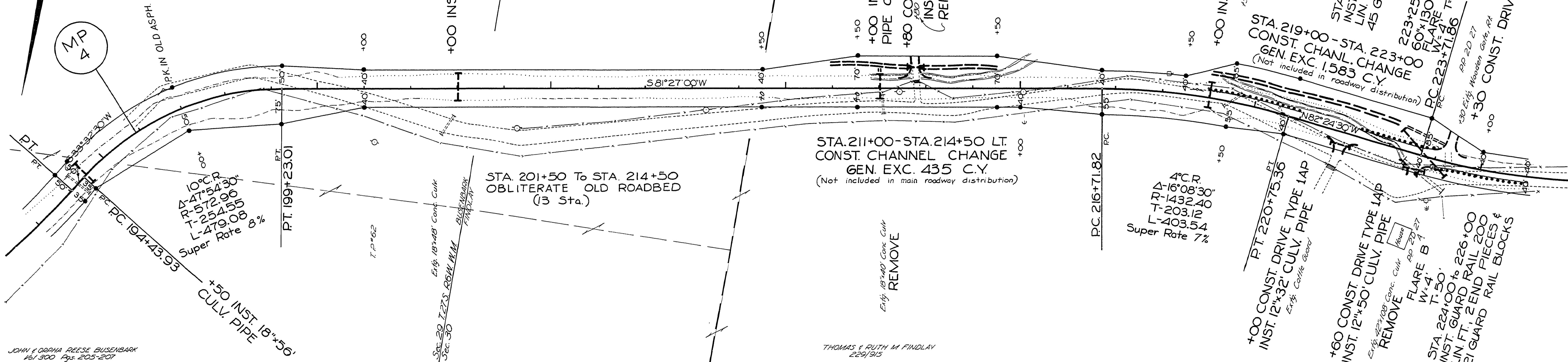
NOT CORRECTED

Douglas County Road Dept
ROSEBURG RESTON LOOP #5
Date: Sept. 1969 Sheet 4 of 10
GEORGE E. GRUBB County Engineer

CHARLES J., MARY ANN & CAROL J. DUYCK
292/5

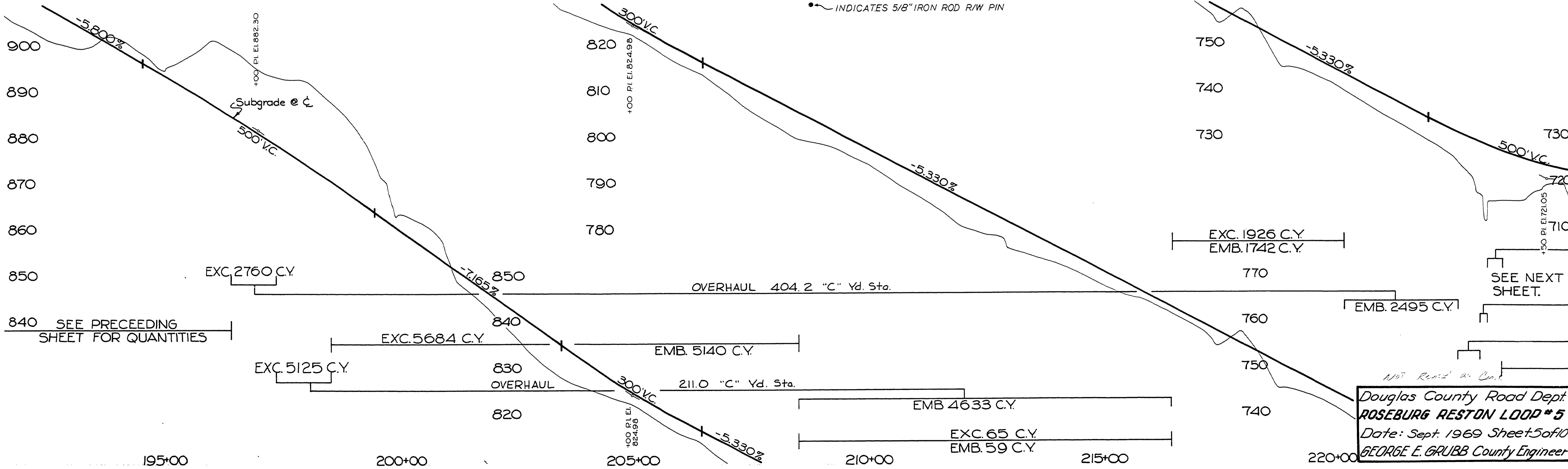
Secs. 29 & 30 T.27S. R.6W. W.M.

RAY M. LEHMAN



JOHN & ORPHA REESE BUSENBARK
161/300 Pgs. 205-207

THOMAS & RUTH M. FINDLAY
229/315



840 SEE PRECEDING SHEET FOR QUANTITIES

EXC. 2760 C.Y.

EXC. 5684 C.Y.

EXC. 5125 C.Y.

EMB. 5140 C.Y.

211.0 "C" Yd. Sta.

EMB. 4633 C.Y.

EXC. 65 C.Y.
EMB. 59 C.Y.

EXC. 1926 C.Y.
EMB. 1742 C.Y.

EMB. 2495 C.Y.

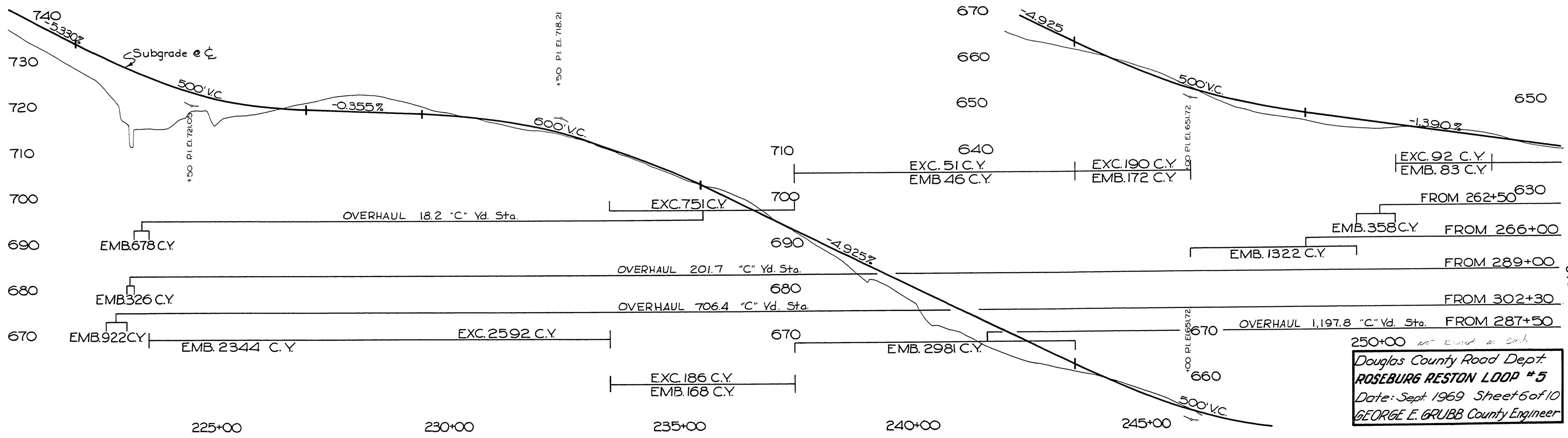
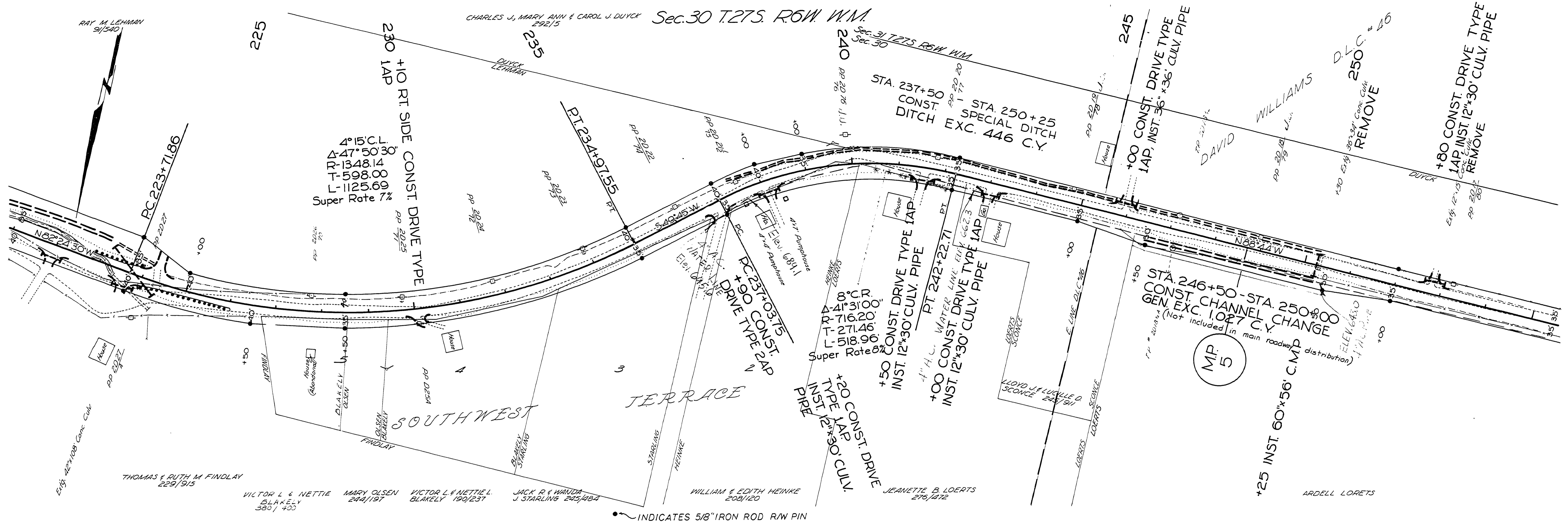
Douglas County Road Dept.
ROSEBURG RESTON LOOP #5
Date: Sept. 1969 Sheet 5 of 10
GEORGE E. GRUBB County Engineer

03990458

M.P. 3.99 - 4.58

Rd #5

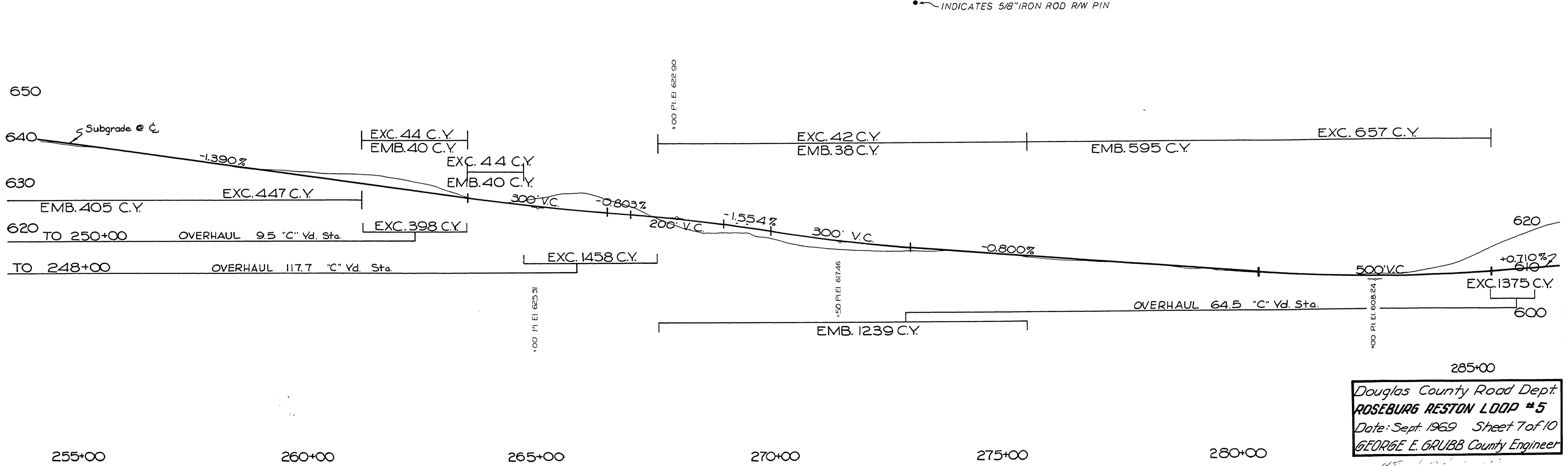
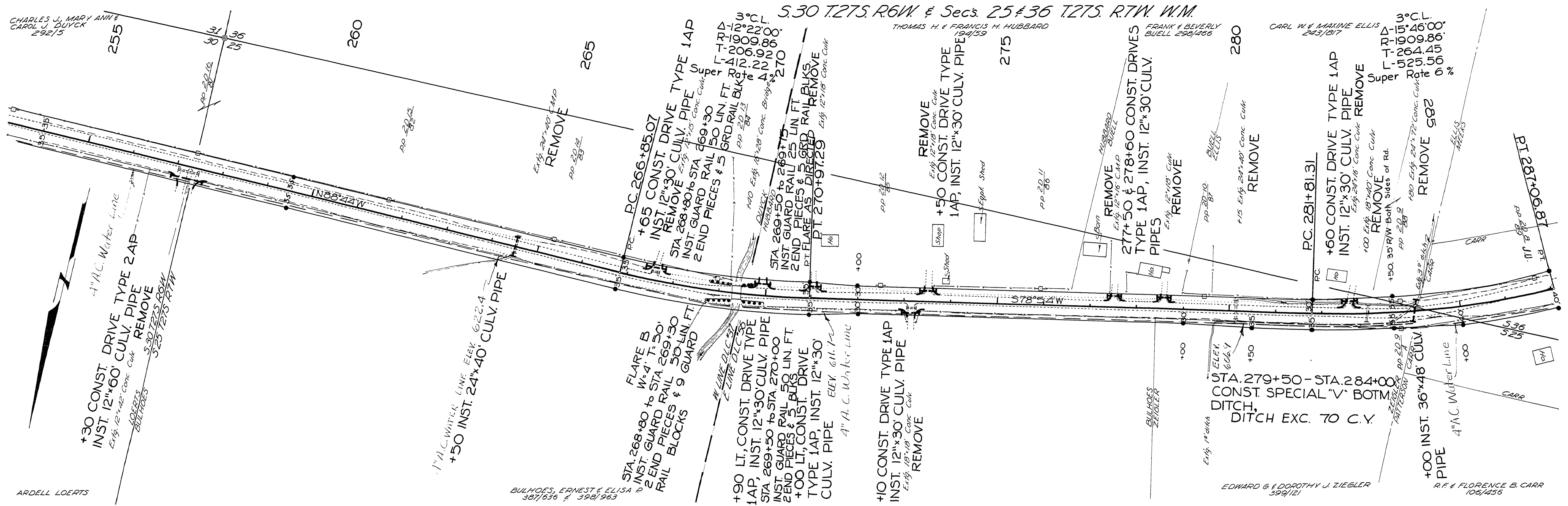
Sept. 1969



Douglas County Road Dept.
ROSEBURG RESTON LOOP #5
 Date: Sept 1969 Sheet 6 of 10
 GEORGE E. GRUBB County Engineer

M.P. 4.58 - 5.13

04580513

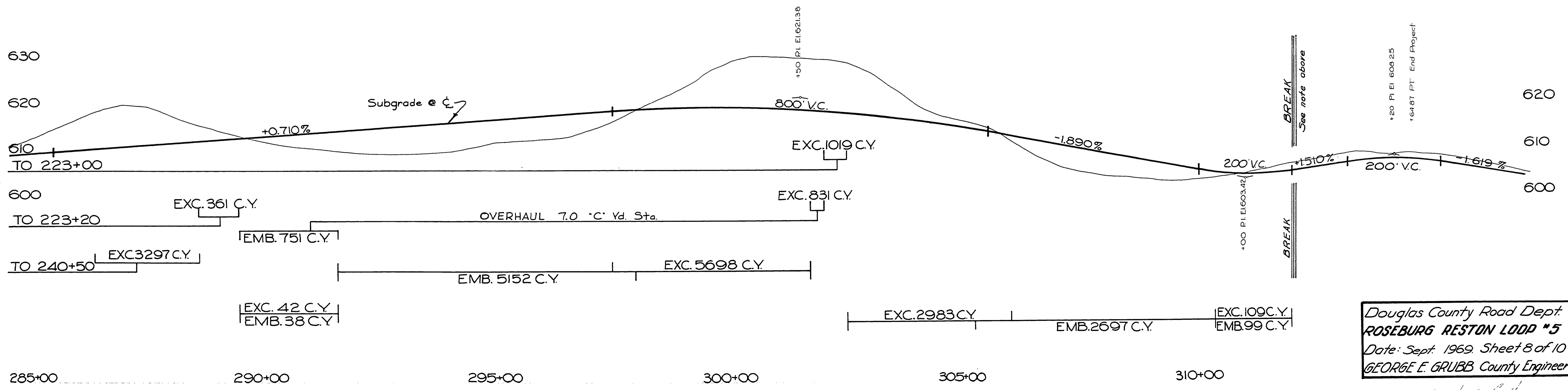
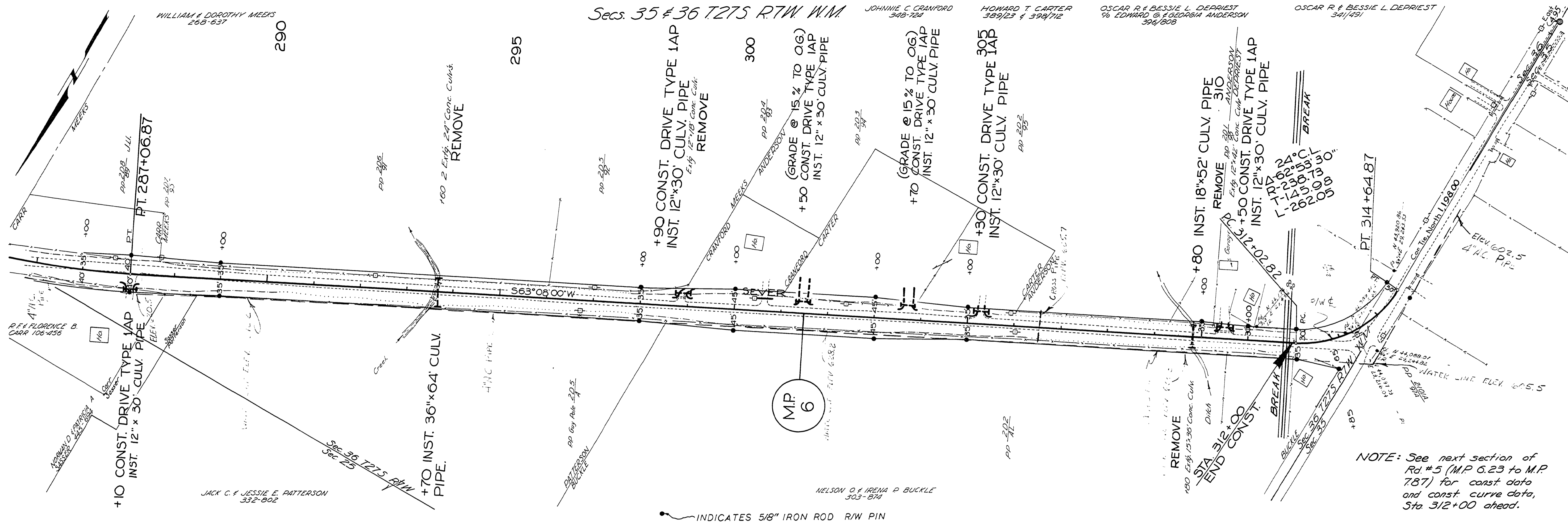


Douglas County Road Dept.
ROSEBURG RESTON LOOP #5
 Date: Sept. 1969 Sheet 7 of 10
 GEORGE E. GRUBB County Engineer

M.P. 5.13 - 5.74

Rd #5

05130574

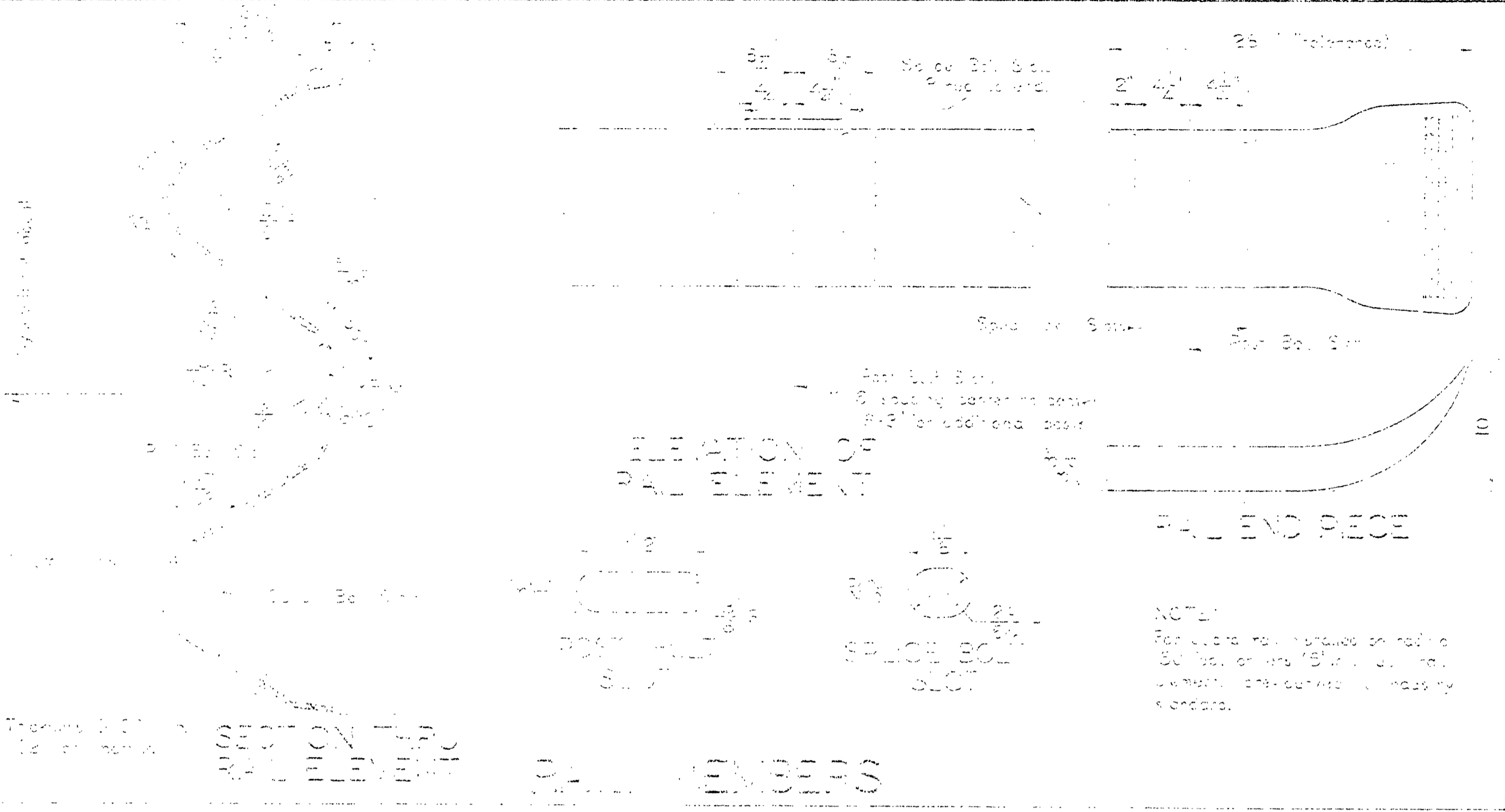


Douglas County Road Dept.
ROSEBURG RESTON LOOP #5
 Date: Sept. 1969. Sheet 8 of 10
 GEORGE E. GRUBB County Engineer

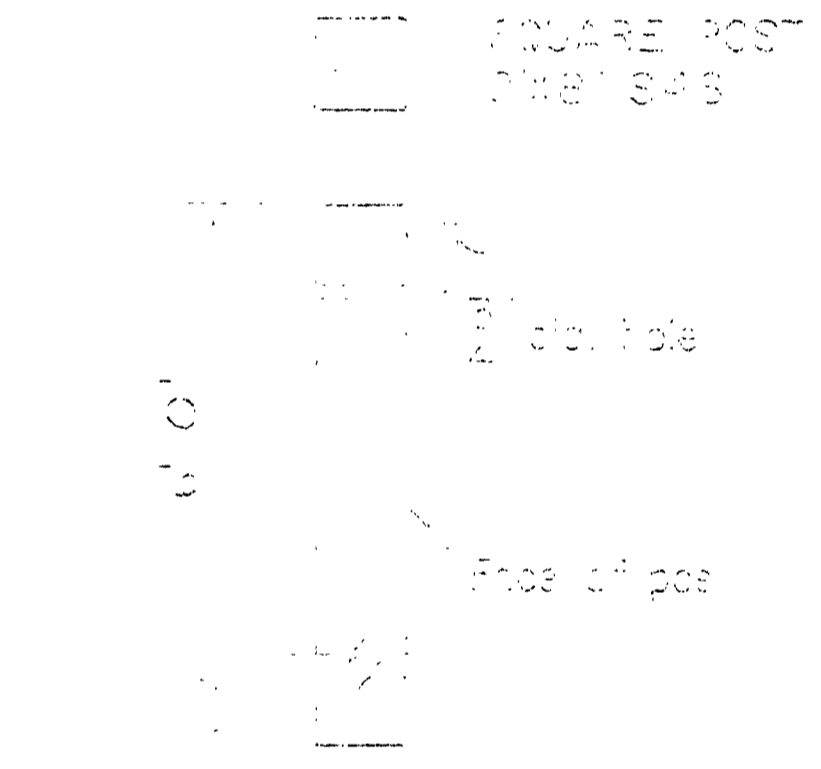
M.P. 5.74 - 6.26

Rd. # 5

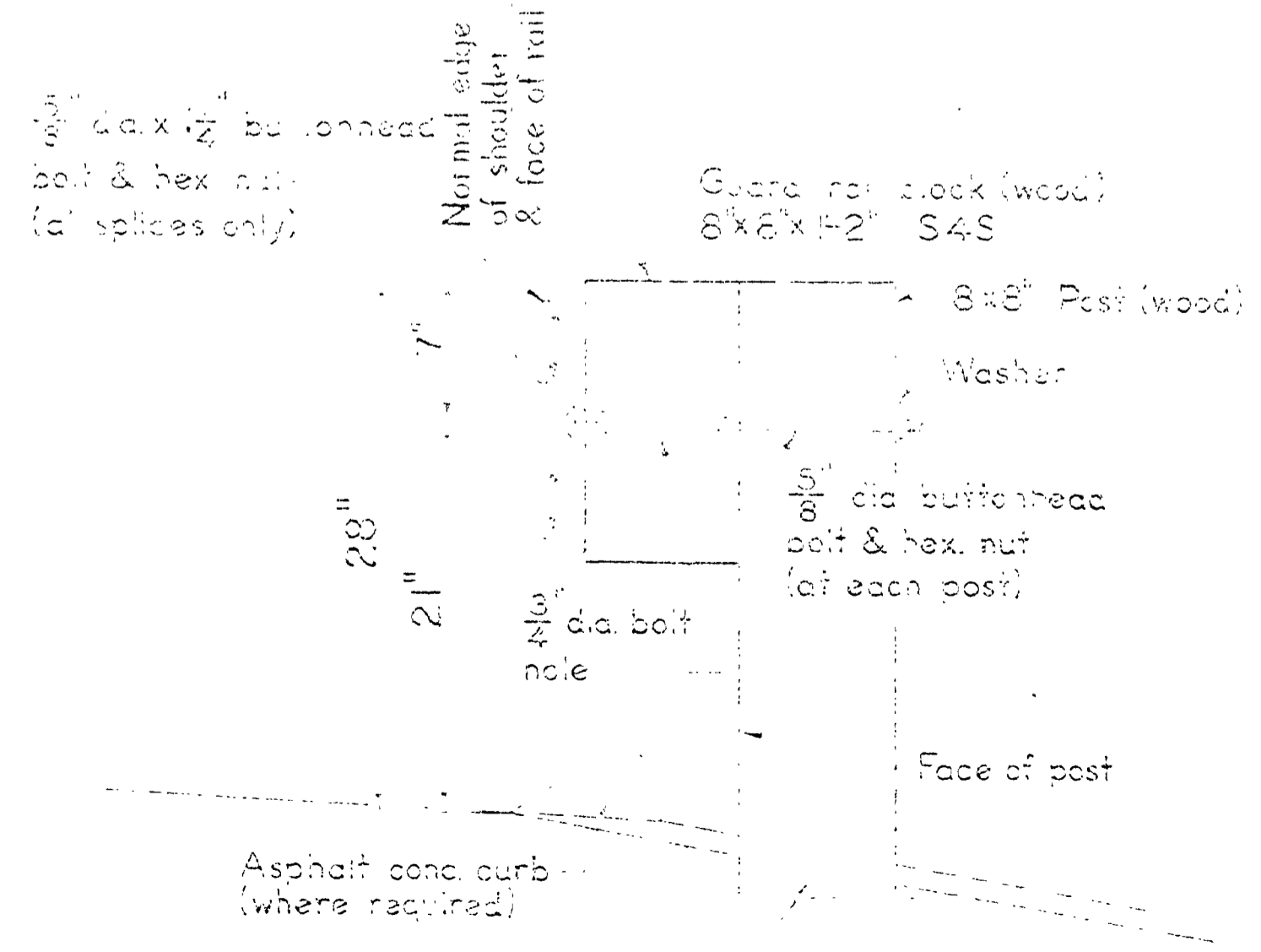
05740626



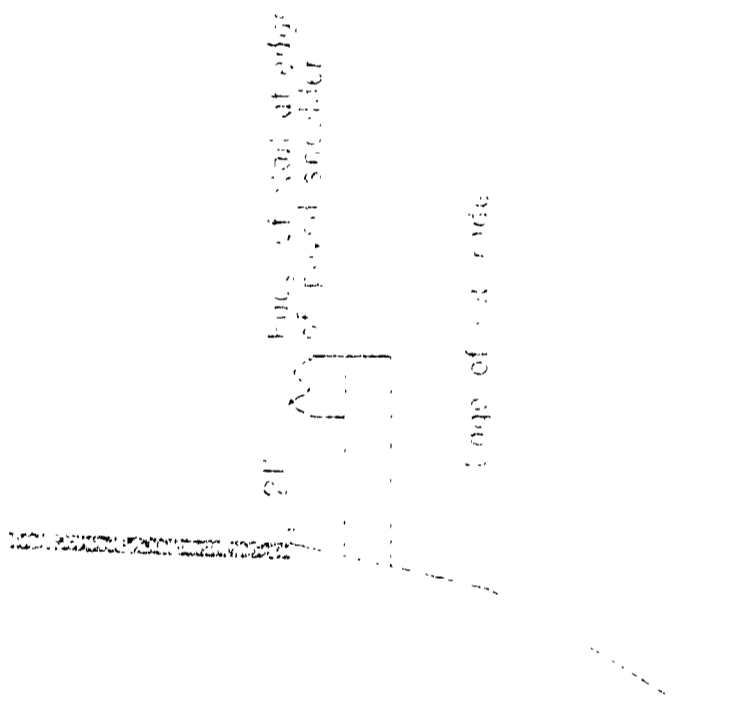
NOTE:
For extra rail, provided on rail to
50 feet or less (50' or less) rail,
minimum end-curtain industry
practices.



WOOD POST

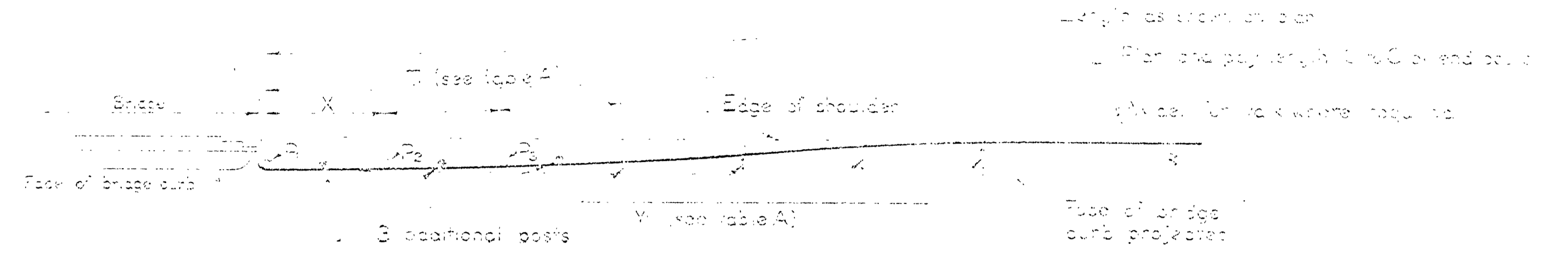


SECTION



RUN BEGINS IN AN EXCAVATION AREA

RUN BEGINS IN AN EMBANKMENT AREA

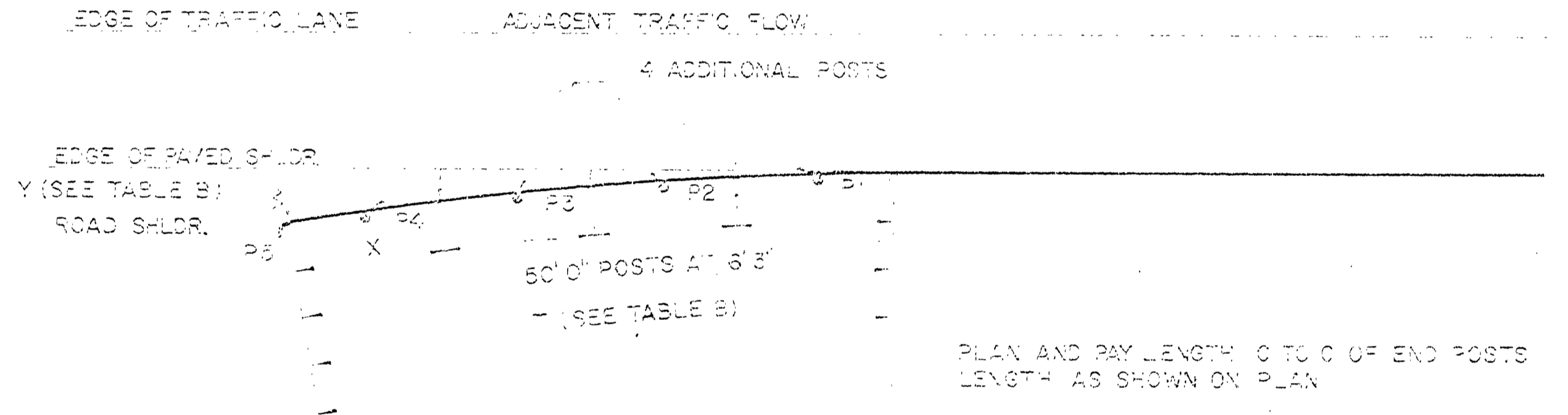


FLARE A
FOR MATCHING FACE OF BRIDGE CURB

TABLE A

H in feet	W in feet								X in feet
	100	200	300	400	500	600	700	800	
P ₁	0	0	0	0	0	0	0	0	0
P ₂	0.22	0.25	0.24	0.22	0.20	0.18	0.22	0.22	0.23
P ₃	0.78	1.00	0.98	0.69	0.62	0.75	0.88	0.88	25.0
P ₄	1.00	1.75	2.04	2.00	1.84	1.89	1.97	37.5	
P ₅		2.00	2.73	3.11	3.18	3.00	3.50	50.0	
P ₆			3.00	3.78	4.16	4.3	5.03	52.5	
P ₇				4.00	4.80	5.25	6.2	75.0	
P ₈					5.00	5.8	6.75	87.5	
P ₉						6.00	7.00	100.0	
T		57.5	50	62.5	75	87.5	100		

Post spacing (24\"/>



FLARE B

TABLE B

H in feet	W in feet												X in feet
	400	500	600	700	800	900	1000	1200	1400	1600	1800	2000	
P ₁	0	0	0	0	0	0	0	0	0	0	0	0	0
P ₂	0.25	0.20	0.7	0.14	0.12	0.14	0.16	0.9	0.22	0.25	0.28	0.25	0.25
P ₃	1.00	0.60	0.67	0.57	0.50	0.56	0.63	0.75	0.85	1.00	1.13	1.25	2.5
P ₄	2.25	1.80	1.50	1.29	1.3	1.27	1.4	1.69	1.97	2.25	2.53	37.5	
P ₅	4.00	3.20	2.67	2.29	2.00	2.25	2.50	3.00	3.50	4.00	4.50	50	
P ₆		5.00	4.8	3.58	3.13	3.22	3.91	4.69	5.47	6.25	7.03	82.5	
P ₇			6.00	5.15	4.50	5.05	5.63	6.75	7.88	9.00	10.13	75	
P ₈				7.00	6.15	6.89	7.66	9.19	10.72	12.25	13.78	87.5	
P ₉					8.00	9.00	10.00	12.00	14.00	16.00	18.00	100	
T		50	62.5	75								100	

For W greater than shown use $Y = W \frac{X}{T}$ and
T (closest multiple of 12.5) = 87.5 - W.
Y = Offset distance to face of rail.

DOUGLAS COUNTY RD. DEPT.
GUARD RAIL
APRIL 1969 Standard Dwng. 5
Sheet # 9

STANDARD SYMBOLS

	EXISTING	TO BE CONSTRUCTED		EXISTING	TO BE CONSTRUCTED		EXISTING	TO BE CONSTRUCTED
DRIVEWAY			SIGN POST WOOD			GUARD RAIL		
DRIVEWAY, RURAL			SIGN POST, STEEL OR CONCRETE			FENCE		
DRIVEWAY, URBAN			UNDERGROUND CABLE			GATE		
DRIVEWAY, URBAN (IN PROFILE)			WATER PIPE			PROPERTY CORNER		
DRIVEWAY, (SEWER)	SEWER		WATER VALVE			R/W PIN		
ACCESS POINT			WATER METER			STREET MONUMENT		
CURB			FIRE HYDRANT			SEC. COR., D.L.C. COR. OR SUBDV. INTL. POINT		
ROAD SHOULDER			GAS PIPE			CITY LIMITS		
EDGE OF PAVEMENT			GAS VALVE			TOWNSHIP LINE	<i>S.36 T.29S R.2W</i> <i>S.1 T.30S R.5W</i>	
TOP OF CUT			GAS METER			SECTION LINE		
TOE OF FILL			SANITARY SEWER			1/4 SECTION LINE		
STREAM			STORM SEWER			1/16 SECTION LINE		
INTERMITTENT STREAM			CULVERT			DONATION LAND CLAIM LINE		
SPRING			MANHOLE			R/W LINE, LOT LINE, PROPERTY LINE		
W/ARSH			MANHOLE (IN PROFILE)			SLOPE EASEMENT LINE		
TREE (EVERGREEN)			MANHOLE (TO BE ADJUSTED)					
TREE (DECIDUOUS)			MANHOLE (TO BE REMOVED)					
BRU.			CLEANOUT (LAMPHOLE)					
SHRUBS			CATCH INLET					
DITCH			CATCH INLET (IN PROFILE)					
LAWN SPRINKLER HEAD			CATCH INLET (TO BE ADJUSTED)					
WELL OR PUMP			CATCH INLET (TO BE REMOVED)					
POWER POLE			DITCH INTERCEPTOR					
TELEPHONE POLE			DITCH INTERCEPTOR (IN PROFILE)					
TELEGRAPH POLE			DITCH INTERCEPTOR (TO BE REMOVED)					
SIGNAL SERVICE POLE			BRIDGE					
TELEPHONE PEDESTAL			BOX CULVERT					
LIGHT POLE			RETAINING WALL	<i>Conc. Wall</i> 	<i>Block Wall</i> 			
DOWN GUY & ANCHOR			RAILROAD TRACK					

Douglas County Road Dept.
STANDARD SYMBOLS
 Sheet # 10
 Oct. 1968 Standard Drawing # 9

0342STSY

R#5
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