

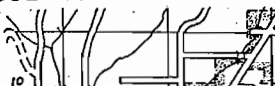
Hotchkiss - W.

FED. ROAD DIST. NO.	STATE	F.A.S. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	409-E (1)	1	

Rev. 3/30/42 - C.C. Index
Rev. 1-16-46 E.L.K. Redesign
Rev. 3-12-46 E.L.K. Index

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	3	SUMMARY OF QUANTITIES	
	4 TO 8	LIST OF STRUCTURES	
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	18 & 19	DETAILS OF CONCRETE ARCH CULVERT STA. 758+80	
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	21	STANDARD STRUCTURE YEAR NUMBER MARKING.	M-14-A
	22	STANDARD HEADWALLS AND GROUTED RUBBLE APRONS FOR PIPE CULVERTS.	M-102-G
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	34	UNREINFORCED, & REINFORCED CONC. CULVERT PIPE	M-112-D
	35-40	PLAN AND PROFILE.	
	41-141	CROSS SECTIONS.	
	142	SUMMARY OF EARTHWORK QUANTITIES.	

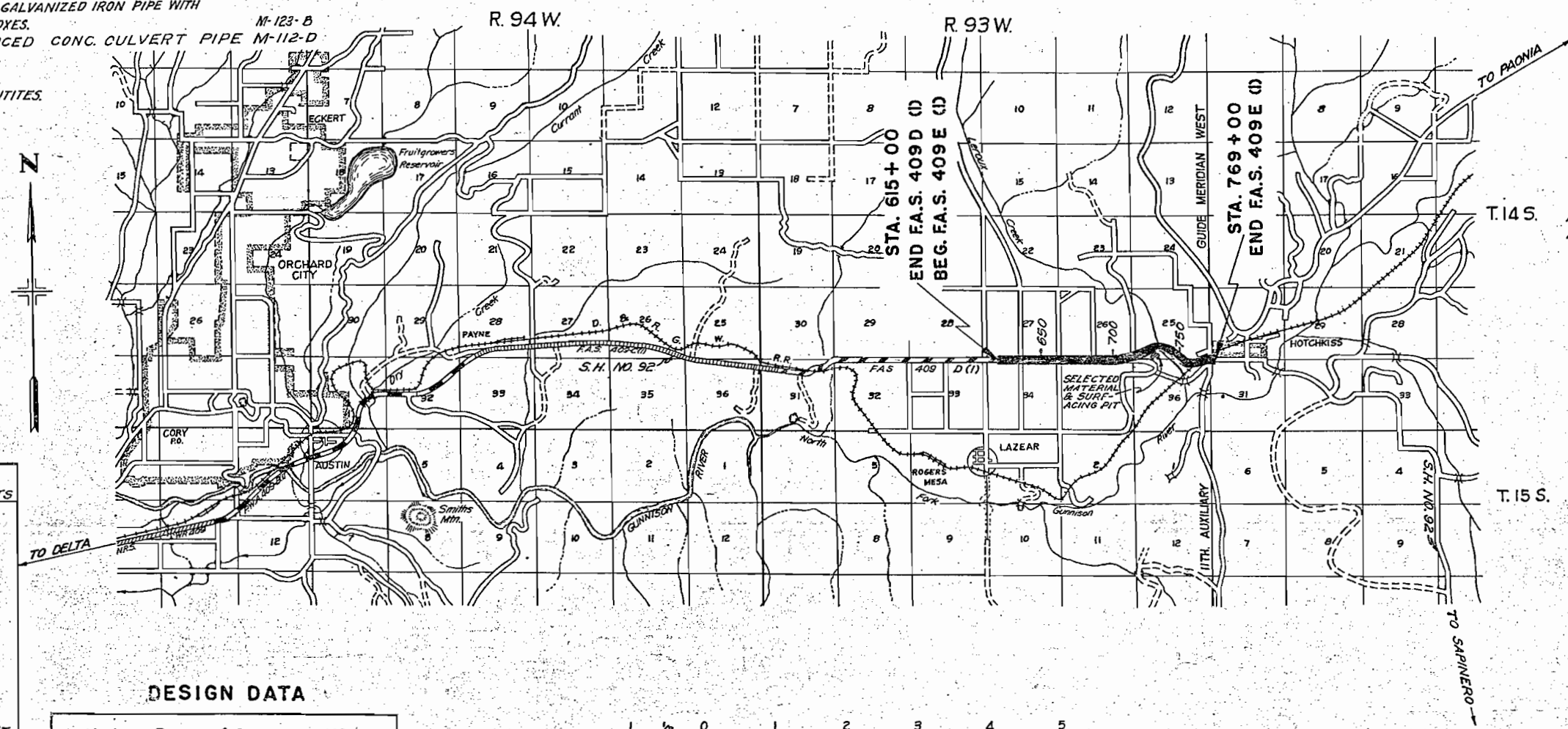
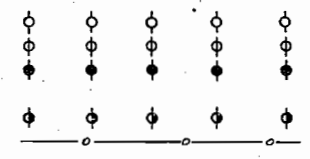


COLORADO
STATE HIGHWAY DEPARTMENT
PLAN AND PROFILE OF PROPOSED
FEDERAL AID SECONDARY PROJECT NO. F.A.S. 409-E(1)
STATE HIGHWAY NO. 92
DELTA COUNTY

SCALES ON ORIGINAL TRACINGS
ON PLAN, 1 IN. = 100 FT.
ON PROFILE, 1 IN. = 100 FT. HORIZONTAL
1 IN. = 10 FT. VERTICAL
GRADE LINE ON PROFILE IS SHOWN AS GRADE OF FINISHED ROAD
GROSS LENGTH OF PROJECT } 16294.5 FEET = 3.086 MILES
NET LENGTH OF PROJECT }

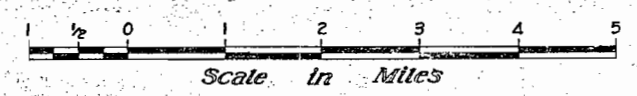
CONVENTIONAL SIGNS

CENTER LINE OF SURVEY
RIGHT OF WAY LINES
TOWNSHIP OR RANGE LINES
SECTION LINES
ONE QUARTER SECTION LINES
ONE SIXTEENTH SECTION LINES
BARBED WIRE FENCE
POLE LINES:
M.S.T.&T. CO.
COOPERATIVE PHONE
WESTERN COLO. POWER CO.
COMB. M.S.T.&T. CO. &
WESTERN COLO. POWER CO.
ROCK FENCE



LENGTH OF PROJECT		
STATIONS	OUTSIDE CITY LIMITS	INSIDE CITY LIMITS
00 BEG. F.A.S. 409 E(1)		
187.2 BACK	12587.2 FT.	
119.9 AHEAD	1774.2 FT.	
194.1 BACK	755.7 FT.	
113.6 AHEAD	367.4 FT.	
169.3 BACK		810.0 FT.
122.6 AHEAD		
190 CITY LIMITS		
100 END F.A.S. 409 E(1)	15484.5 FT.	810.0 FT.
	2933 MI.	0.153 MI.
PROJECT TOTALS	16294.5 FT. = 3.086 MI.	

DESIGN DATA	
Maximum Degree of Curve	12°00'
Maximum Grade	7%
Minimum N.P.S.D.-horizontal	430 Ft.
Minimum N.P.S.D.-vertical	445 Ft.
Design Speed	40 M.P.H.



NOTE
It is recommended that bidders on this Project go over the plan details with one of the following field representatives of this department:
J.R. Cheney Division Engineer Grand Junction
E.B. Faber Resident Hotchkiss

RECOMMENDED FOR APPROVAL

ASSISTANT ENGINEER	DATE
--------------------	------

APPROVED

STATE HIGHWAY ENGINEER	DATE
1-12-46	

RECOMMENDED FOR APPROVAL

DISTRICT ENGINEER	DATE
PUBLIC ROADS ADMINISTRATION	
FEDERAL WORKS AGENCY	

APPROVED

DIVISION ENGINEER	DATE
PUBLIC ROADS ADMINISTRATION	
FEDERAL WORKS AGENCY	

It is estimated that material for Gravel Surfacing for the Project is available in the vicinity of the pit indicated in the following tabulation. Estimated quantities involved in this operation are shown below.

MATERIAL TO BE PLACED	Source	QUANTITY TONS						OVERHAUL TON MILES			
		TOP COURSE				BOTTOM COURSE		# STOCKPILE SURFACING	BOTTOM COURSE 8 APPROACHES		
		# STOCKPILE SURFACING		ROAD APPROACHES		OUT C.L.	IN C.L.		OUT C.L.	IN C.L.	
		OUT C.L.	IN C.L.	OUT C.L.	IN C.L.						
615+00 To 687+20	P/I 100 Ft At Sta 730+20	2022				4404		1383		3011	
687+20 To 739+00		1451				3160		F.H.		F.H.	
739+00 To 759+975		838				1825		F.H.		F.H.	
759+975 To 760+90		27				57		F.H.		F.H.	
615+00 To 687+20					604					413	
687+20 To 760+90				509					F.H.		
760+90 To 769+00			269			584		F.H.		F.H.	
760+90 To 769+00				68						F.H.	
HOTCHKISS AVE											
761+25 To 768+00			220			480		F.H.		F.H.	
761+25 To 768+00				403						F.H.	
TOTALS OUTSIDE C.L.		4338	1113			9446		1383		3424	
TOTALS INSIDE C.L.			489	471		1064					
PROJECT TOTALS			4827	1584		10510		1383		3424	

At the locations shown below, the 6" immediately underlying the surfacing, is to be excavated and backfilled with Selected Material. Approximate quantities involved in this operation, together with disposition of excavated Material and sources of Selected Material, are shown in the following tabulation.

R.O.Y. MARKERS

STATION	SIDE	NO.	STATION	SIDE	NO.
OUTSIDE CITY LIMITS			TOTAL OUT. C.L.		32
634+19.6	Lt.	1			
634+21.3	Rt.	1			
660+33.0	Lt.	1	INSIDE CITY LIMITS		
660+34.9	Rt.	1	(BRIDGE STREET)		
697+13.9	Lt.	1	763+90	Rt.	1
697+20.8	Rt.	1	765+00	Rt.	1
701+03.1	Lt.	1	766+30	Lt.	2
701+04.9	Rt.	1	766+60	Rt.	1
702+20.3	L&R	2	766+74	Lt.	1
715+01.3	Rt.	1	769+00	L&R	2
715+46.3	Lt.	1			
727+00	Rt.	1	HOTCHKISS AVE APPROACH		
729+00	Rt.	1	762+00	Rt.	1
730+00	L&R	2	763+84.7	Rt.	1
731+09.2	L&R	2	763+86	Lt.	1
740+37.23	Lt.	1	768+00	Rt.	1
743+00	Lt.	1	768+00	Lt.	1
744+73.8	Lt.	1			
746+00	Rt.	1			
747+00	Rt.	1			
749+69.4	Rt.	1			
751+75.5	Lt.	1			
755+39.3	Rt.	1			
758+94.8	Lt.	1			
760+00	Lt.	1			
763+00	Rt.	1			
764+00.8	Rt.	1			
760+00A	Rt.	1	TOTALS IN C.L.		13
760+90	Lt.	1	PROJECT TOTAL		45

STATION	SIDE	SPACING	NO. POSTS
OUTSIDE CITY LIMITS			
617+15	L&R	Culv.	2
619+94	L&R	Culv.	2
624+00	L&R	Culv.	2
628+00	L&R	Culv.	2
629+50	L&R	Culv.	2
633+73	L&R	Culv.	2
644+62	L&R	Culv.	2
647+25	L&R	Culv.	2
652+95	L&R	Culv.	2
661+16	L&R	Culv.	2
669+00	L&R	Culv.	2
670+12	L&R	Culv.	2
675+82	L&R	Culv.	2
694+10	L&R	Culv.	2
725+00	L&R	Culv.	2
737+30 to 741+23	L	40'	10
737+59	R	Culv.	1
741+73 to 747+23	L	50'	12
743+17	R	Culv.	1
748+93	L&R	Culv.	2
754+40 to 759+40	R	40'	13
753+00 to 760+00	L	40'	18
759+90.8x-760+90.4H	R	50'	22
760+50 to 758+53.3	L	50'	16
760+30 to 760+90	L	30'	3
TOTAL OUTSIDE C.L.			128
INSIDE CITY LIMITS - HOTCHKISS			
761+20 to 768+10	L	30'	24
763+00 to 765+10	R	30'	10
HOTCHKISS AVE. APPR.			
761+40 to 765+40	R	50'	9
763+00 to 765+00	L	50'	5
TOTAL INSIDE C.L.			48
PROJECT TOTAL			176

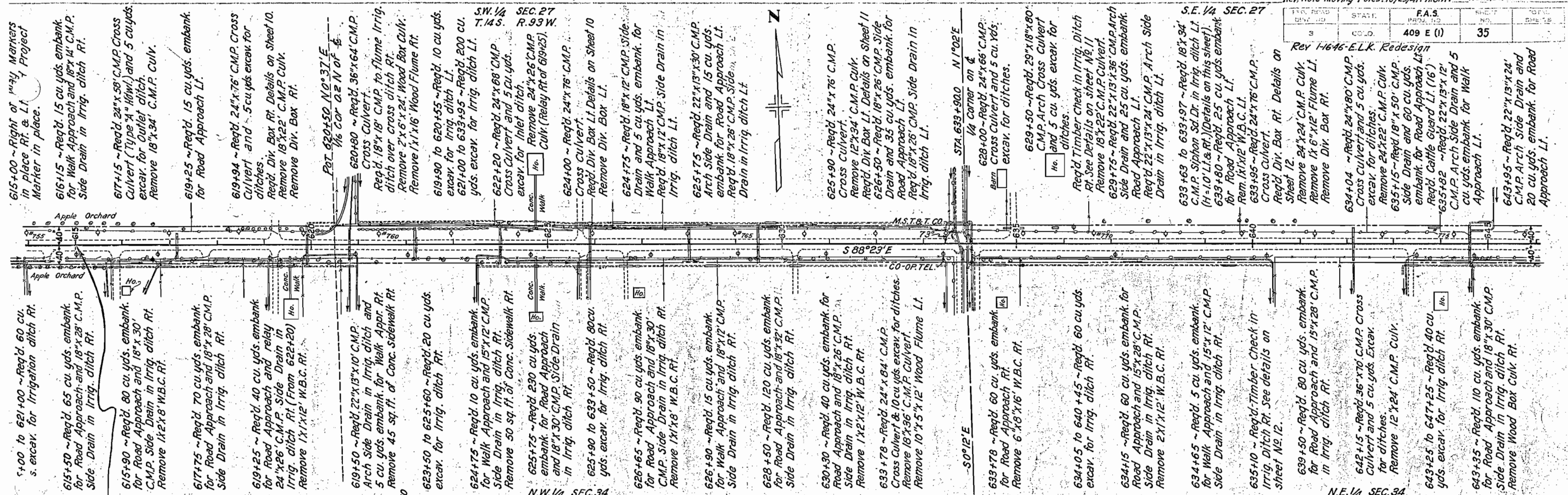
STATION	SIDE	REMOVE FENCE	REMOVE & REBUILD FENCE	BUILD BARBED WIRE	BUILD COMBIN- ATION	SPECIAL TIMBER FENCE	LINE POSTS
		LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	LIN. FT.	No.
<i>OUTSIDE CITY LIMITS</i>							
615+00 to 617+45	L	20	245				22
615+00 to 616+80	R	20	180				21
616+80 to 617+85	R	10	105				11
617+45 to 625+75	L	5	830				62
617+85 to 620+63	R	30	278				29
620+63 to 623+54	R	10	291				21
623+54 to 628+60	R	44	506				44
625+75 to 627+45	L	190				*156	
627+45 to 633+66	L	10	620				32
628+60 to 633+66	R	10	505				33
633+90 to 639+14	L	1454		2524	975		
634+03 to 660+35	R	100	1690				168
659+14 to 660+35	L	10	116				15
660+95 to 687+22	L	2072	650	1980			43
660+95 to 673+08	R	50	1208				96
673+08 to 680+63	R	24	755				40
680+63 to 687+63	R	35	700				52
687+63 to 697+00	L	65	978				89
687+63 to 688+89	R	25	126				
688+89 to 694+22	R	567		537			
694+22 to 707+30	R	1425			1340		
697+00 to 701+10	L	10	410				28
698+29 to 701+10	L				281		
701+10 to 706+30	L		570				35
706+32 to 709+50	R	325					
706+80 to 714+59	L				779		
707+05	X	62					
707+84	X	75					
709+50 to 714+15	R				465		
714+37	X	110					
715+03 to 721+86	R				683		
715+25	X	110					
715+47 to 722+30	L				693		
721+86 to 749+81	R			2885			
722+08	X	110					
722+30 to 758+10	L			4465			
736+90	X	850					
749+81 to 755+40	R		646				46
735+40 to 757+85	R			1252			
760+05	X	135					
758+50	X	160					
759+50 to 760+90	R	80	150				14
TOTALS OUTSIDE CITY LIMITS		5137	11569	13657	5206	*156	903
<i>INSIDE CITY LIMITS - HOTCHKISS</i>							
765+80 to 767+30	R	50	50				13
766+65 to 769+45	L	60					
766+95 to 768+45	L		170				15
HOTCHKISS AVE. APPR.							
761+40 to 768+00	R	120	670				34
TOTALS INSIDE CITY LIMITS		230	990				62
PROJECT TOTALS		8427	12559	13657	5206	*156	965

FED. ROAD DIST NO.	STATE	F.A.S. PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	409 E (1)	9	

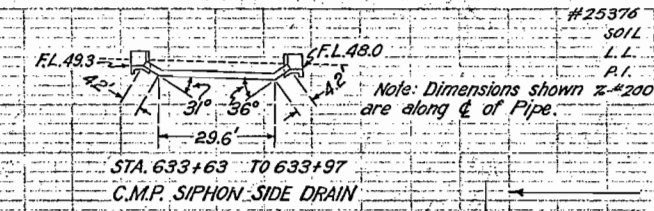
STATION	SIDE	CITY LIMITS	BUILD GATES				REB GATES
			BARBED WIRE	DRIVE WAY	WALK	SPECIAL TIMBER	
			NO	NO.	NO.	NO.	
OUTSIDE							
615 + 50	R	/					
615 + 90	R		/				
616 + 15	R						/
617 + 75	R		/				
619 + 25	R						/
619 + 25	L		/				
619 + 50	R						/
624 + 75	L & R						2
625 + 75	L & R		2				
626 + 50	L					*1	
626 + 65	R						/
626 + 30	R						/
628 + 50	R		/				
629 + 75	L		/				
630 + 30	R		/				
634 + 15	R		/				
634 + 65	R			/			
635 + 15	L	/					
635 + 82	L			/			
636 + 54							/
639 + 50	R		/				
639 + 75	L						/
643 + 35	R		/				
643 + 95	L	/					
644 + 10	R						/
644 + 92	L	/					
647 + 00	L	/					
649 + 85	R		/				
659 + 50	L			/			
660 + 00	R			/			
663 + 60	R						/
663 + 92	R		/				
664 + 50	L	/					
668 + 60	L			/			
669 + 40	L		/				
669 + 95	R		/				
670 + 40	L	/					
672 + 93	R		/				
674 + 80	R						/
676 + 00	L	/					
676 + 00	R						/
677 + 25	R		/				
678 + 55	L		/				
681 + 05	R		/				
687 + 70	R						/
691 + 10	L			/			
691 + 10	L						/
692 + 90	L			/			
694 + 30	L						/
697 + 10	L		/				
698 + 29	L						/
698 + 65	R		/				
700 + 95	L & R		2				
704 + 25	R		/				
707 + 00	L		/				
714 + 00	R		/				
721 + 50	L & R		2				
722 + 70	L & R	2					
729 + 70	L & R	2					
760 + 50	R	/					
758 + 53	L						/
TOTALS OUTSIDE	CL		13	28	7	*1	18
PROJECT TOTALS			13	28	7	*1	18

REV.	NO.	DATE	BY	CHKD.	APP'D.
1	1	10/23/01	...	...	...
2	2	3/30/02	...	...	...

STATE	F.A.S. PROJ. NO.	SHEET NO.	TOTAL SHEETS
COLO.	409 E (I)	35	...

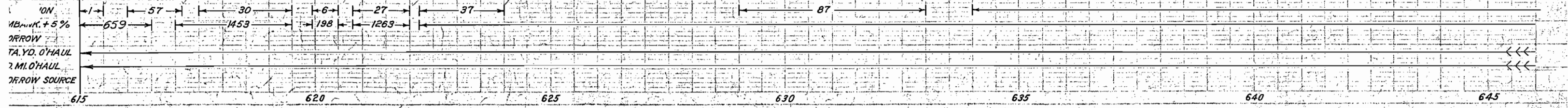


STA. 615+00 =
END F.A.S. 409 D (I)
BEG. F.A.S. 409 E (I)



NOTE: Alignment and Grades as shown are subject to modification during construction, after approval by the Denver Office. All poles encroaching on the construction are to be moved by the owners after contractor has removed trees, fences, etc., interfering with move. Surfacing, Select Material, R.O.W. Markers, Guard Posts, and Fencing are tabulated on Sheet No. 9.

The soil data shown on the plans is obtained from best available laboratory information. This information is shown for the convenience of the Contractor and the Department does not guarantee the accuracy of these tests. If materials not conforming to the data on plans are encountered during construction, necessary modifications of the grading plan shown on plans will be made to secure dense, stable embankments.



Col. 5.000 Treatment

CHECK SHEET FOR PROJECT PLANS
PROJ. NO. FAS 409 E(1) CHECKED BY: K. J. G. M. DATE: 1/1/46

GENERAL:

Estimates
P.R. 16 Forms
Analysis (Costs, Gravel, Oil, Etc.)
Utility Agreements (Plans)
R.O.W. Plans to Field
Checked
Material Sources & Options
Spec. Provisions
Structure Comparison Estimates

PLAN:

Center Line
Sta. Points
Curve Data
Bearings
Equations
Sta. of Begin.
" " End
Location of Exist. Structure
" Road
Notes for Structures
(C.M.F.'s, G.B.C.'s, Apprs.,
Clear & Grub, Etc.)
P.O.W. Lines & Widths
North Point
Land Lines and Ties
Forest & County Boundaries, Ties
Spec. Notes on 1st Line Sheet
Horizontal Sight Distance
Index in Title Block

PROFILE:

Elev. at 10 ft. Intervals
Stations Across Bottom
Original Ground Line (Int. Check)
Grade Line: Grade 4, P.I., P.C.
P.T. El.
V.C. Length, H.P.S. Dist.
Equations
Sta. of Begin. & End of Proj.
Sketch of Ditch & Drain Structure
Elevs.
Structure Notes for Bridges
Grading Data
Earthwork Data

CROSS SECTIONS:

Ground Line Indent.
Stations, Equations
Template & Interval
Grade & Ground Elevations
Walls, Ditches & Spec. Structures
Struct. Sketches for Length, Etc.
Areas & Volumes of Exc. & Emb.
Classification & Cut Slopes
Total Volumes on Sheet
Summary Totals on Last Sheet
Sta. at Begin. & End of Proj.
Index in Title Block
Mass Diagram: Borrow & O.S. Quantities
Est. Table of Ditches & Notes
on Last Sheet
Earthwork Tab. & Profile Sheets

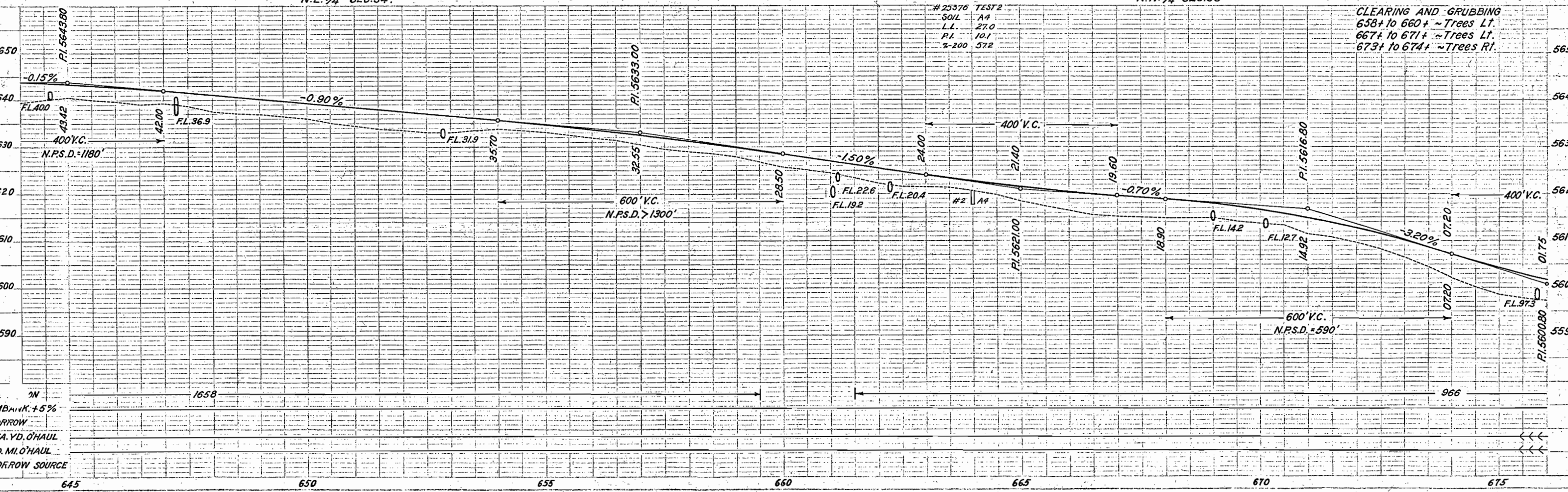
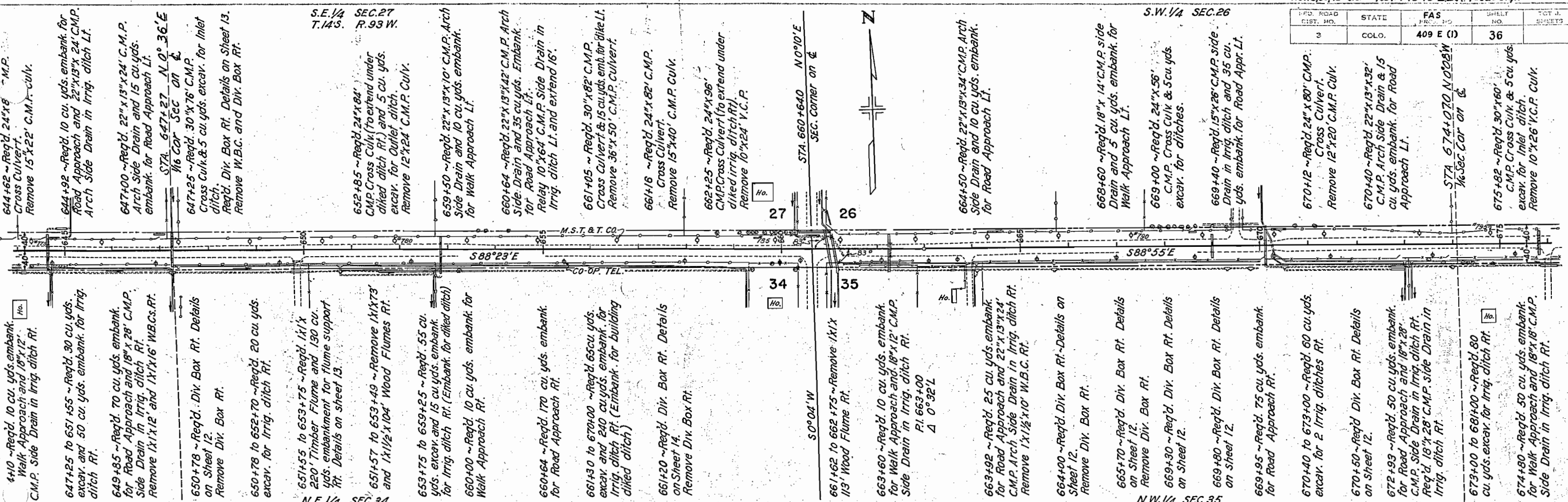
MISCELLANEOUS:

List of Structures Against Plan
Tables of Surfacing, Select,
Markers, Fences, Etc.
Design Details-Typical Sections
General Notes Spec. Structures
Summary
Index of all such sheets
Summary
Index of all such sheets

TITLE PAGE:

Title: Proj. No., County
S.H. No., Length
Index of Sheets (check Standards)
Conventional Signs
Sketch Map: Alignment, Begin &
End Sta., General
Topo. Map, Sec., Twp. &
Range, Major Equations
Material Pits & Sources
North Point
Bar Scale, Values of Orig.
Grading
Show Atlas, Proj., P.I., P.C.
Str. No., Nearby Towns
not on Sketch
Notes to Builders
Index in Title Block
Signature Block

STATION	GRADE	GRADE
615.00	61.65	61.65
616.00	61.75	61.75
617.00	61.85	61.85
618.00	61.95	61.95
619.00	62.05	62.05
620.00	62.15	62.15
621.00	62.25	62.25
622.00	62.35	62.35
623.00	62.45	62.45
624.00	62.55	62.55
625.00	62.65	62.65
626.00	62.75	62.75
627.00	62.85	62.85
628.00	62.95	62.95
629.00	63.05	63.05
630.00	63.15	63.15
631.00	63.25	63.25
632.00	63.35	63.35
633.00	63.45	63.45
634.00	63.55	63.55
635.00	63.65	63.65
636.00	63.75	63.75
637.00	63.85	63.85
638.00	63.95	63.95
639.00	64.05	64.05
640.00	64.15	64.15
641.00	64.25	64.25
642.00	64.35	64.35
643.00	64.45	64.45
644.00	64.55	64.55
645.00	64.65	64.65
646.00	64.75	64.75
647.00	64.85	64.85
648.00	64.95	64.95
649.00	65.05	65.05
650.00	65.15	65.15
651.00	65.25	65.25
652.00	65.35	65.35
653.00	65.45	65.45
654.00	65.55	65.55
655.00	65.65	65.65
656.00	65.75	65.75
657.00	65.85	65.85
658.00	65.95	65.95
659.00	66.05	66.05
660.00	66.15	66.15
661.00	66.25	66.25
662.00	66.35	66.35
663.00	66.45	66.45
664.00	66.55	66.55
665.00	66.65	66.65
666.00	66.75	66.75
667.00	66.85	66.85
668.00	66.95	66.95
669.00	67.05	67.05
670.00	67.15	67.15
671.00	67.25	67.25
672.00	67.35	67.35
673.00	67.45	67.45
674.00	67.55	67.55
675.00	67.65	67.65
676.00	67.75	67.75
677.00	67.85	67.85
678.00	67.95	67.95
679.00	68.05	68.05
680.00	68.15	68.15
681.00	68.25	68.25
682.00	68.35	68.35
683.00	68.45	68.45
684.00	68.55	68.55
685.00	68.65	68.65
686.00	68.75	68.75
687.00	68.85	68.85
688.00	68.95	68.95
689.00	69.05	69.05
690.00	69.15	69.15
691.00	69.25	69.25
692.00	69.35	69.35
693.00	69.45	69.45
694.00	69.55	69.55
695.00	69.65	69.65
696.00	69.75	69.75
697.00	69.85	69.85
698.00	69.95	69.95
699.00	70.05	70.05
700.00	70.15	70.15
701.00	70.25	70.25
702.00	70.35	70.35
703.00	70.45	70.45
704.00	70.55	70.55
705.00	70.65	70.65
706.00	70.75	70.75
707.00	70.85	70.85
708.00	70.95	70.95
709.00	71.05	71.05
710.00	71.15	71.15
711.00	71.25	71.25
712.00	71.35	71.35
713.00	71.45	71.45
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727.00	72.85	72.85
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961.00	96.25	96.25
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963.00	96.45	96.45
964.00	96.55	96.55
965.00	96.65	96.65
966.00	96.75	96.75
967.00	96.85	96.85



676+00 ~ Req'd. 35 cu. yds. embank for Road Approach Lt.

679+65 ~ Req'd. 18"x30" C.M.P. Side Drain and 25 cu. yds. embank. for Road Approach Lt.

681+00 ~ Req'd. 15"x26" C.M.P. Side Drain in Irrig. ditch Lt.

680+60 ~ Req'd. 24"x80" C.M.P. Cross Culvert.

680+92 ~ Req'd. 30"x80" C.M.P. Cross Culvert.

681+00 to 694+30 ~ Req'd. 140 cu. yds. excav. for Irrig. ditch Lt.

687+27 ~ Req'd. 24"x80" C.M.P. Cross Culvert.

687+40 ~ Req'd. 18"x60" C.M.P. side Drain in Irrig. ditch and 50 cu. yds. embank. for Road Approach Lt.

691+10 ~ Req'd. 18"x52" C.M.P. side Drain.

692+90 ~ Req'd. 18"x14" C.M.P. side Drain and 5 cu. yds. embank. for Walk Approach Lt.

694+10 ~ Req'd. 24"x80" C.M.P. Cross Culvert.

694+30 ~ Req'd. 25 cu. yds. embank. for Road Approach Lt.

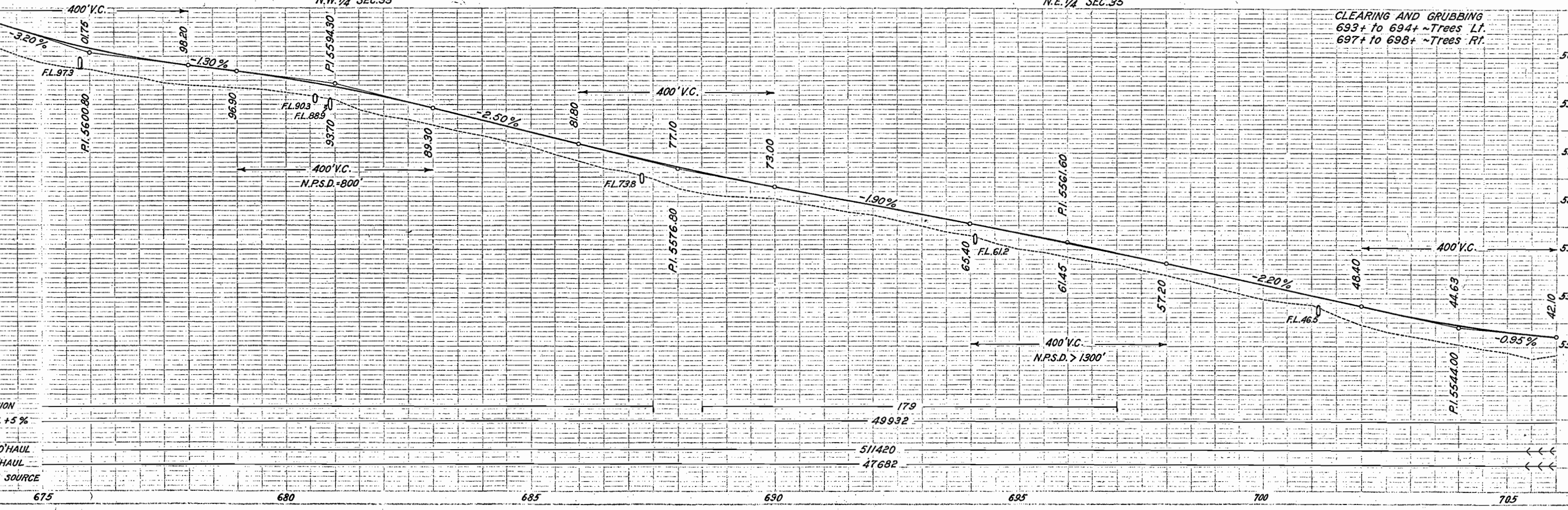
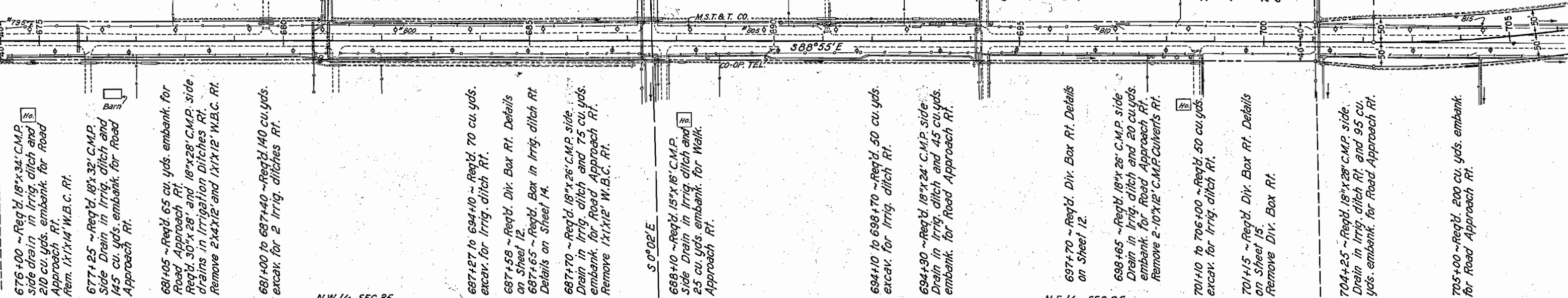
697+10 ~ Req'd. 18"x26" C.M.P. Side Drain, 5 cu. yds. excav. for Outlet Ditch, and 10 cu. yds. embank. for Road Approach Lt.

701+15 ~ Req'd. 24"x76" C.M.P. Cross Culvert.

701+20 to 714+80 ~ Req'd. 140 cu. yds. excav. for Irrig. ditch Lt.

704+25 ~ Req'd. 18"x28" C.M.P. side Drain in Irrig. ditch Rt. and 95 cu. yds. embank. for Road Approach Rt.

705+00 ~ Req'd. 200 cu. yds. embank. for Road Approach Rt.



F.S. ROAD DIST. NO.	STATE	FAS PROJ. NO.	SHEET NO.	TOTAL SHEETS
3	COLO.	409 E (1)	37	

Rev. 3/30/42 - C.C.
Rev. 1/16/46 - E.L.K. Redesign

Rev. 3/30/42 - C.C.
Rev. 1-16-46 - E.L.K. Redesign

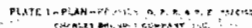
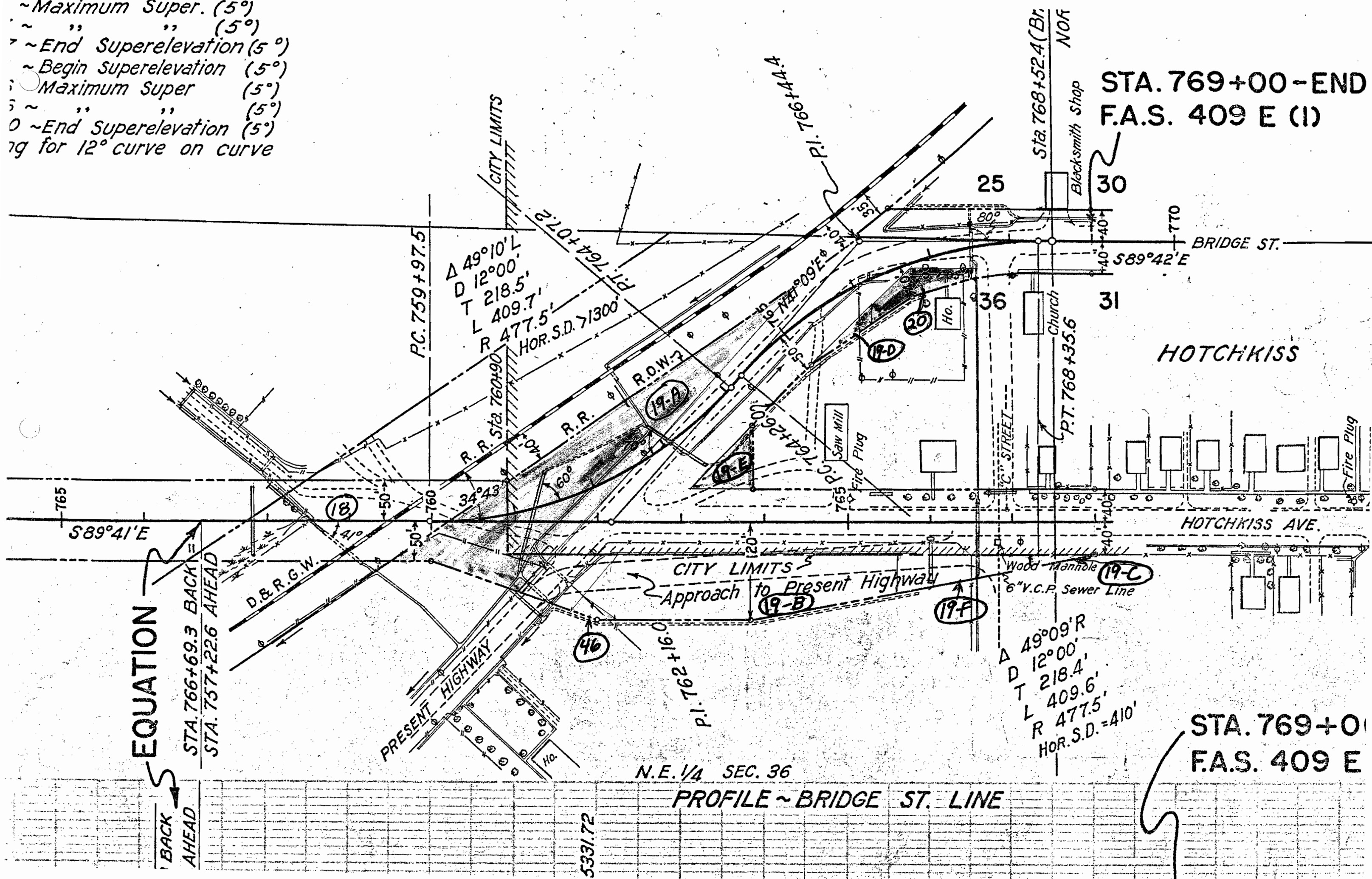


PLATE (1) PLANNING FOR THE 1950-51 FLOOD CONTROL PROJECT

~Maximum Super. (5°)
 ~" " (5°)
 ~End Superelevation (5°)
 ~Begin Superelevation (5°)
 ~Maximum Super (5°)
 ~" " (5°)
 ~End Superelevation (5°)
 ~g for 12° curve on curve



STA. 769+00-END
 F.A.S. 409 E (1)

HOTCHKISS

HOTCHKISS AVE.

STA. 769+00
 F.A.S. 409 E

N.E. 1/4 SEC. 36

PROFILE ~ BRIDGE ST. LINE

EQUATION

STA. 766+69.3 BACK
 STA. 757+22.6 AHEAD

BACK
 AHEAD

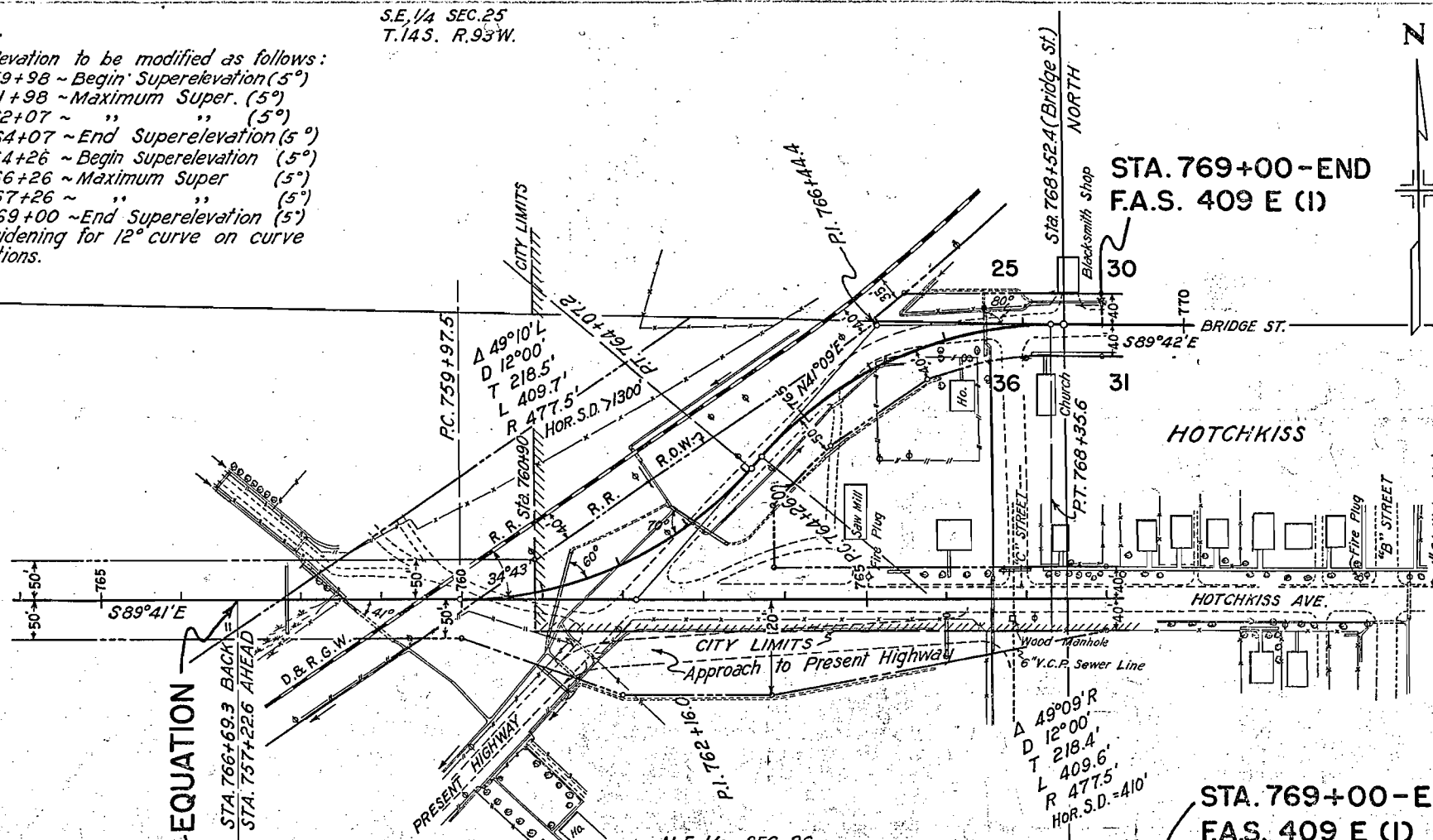
5331.72

FED. ROAD DIST. NO.	STATE	FAS PROJ. NO.	PROJECT NO.	SHEET NO.
3	COLO.	409 E (1)	40	

Rev. 11-3-41 - W.J.D. Super Note

NOTE:
Superelevation to be modified as follows:
Sta. 759+98 ~ Begin Superelevation (5°)
Sta. 761+98 ~ Maximum Super. (5°)
Sta. 762+07 ~ " " (5°)
Sta. 764+07 ~ End Superelevation (5°)
Sta. 764+26 ~ Begin Superelevation (5°)
Sta. 766+26 ~ Maximum Super. (5°)
Sta. 767+26 ~ " " (5°)
Sta. 769+00 ~ End Superelevation (5°)
Use widening for 12° curve on curve transitions.

S.E. 1/4 SEC. 25
T.14S. R.93W.



FOLLOWING STRUCTURES AHEAD OF EQUATION

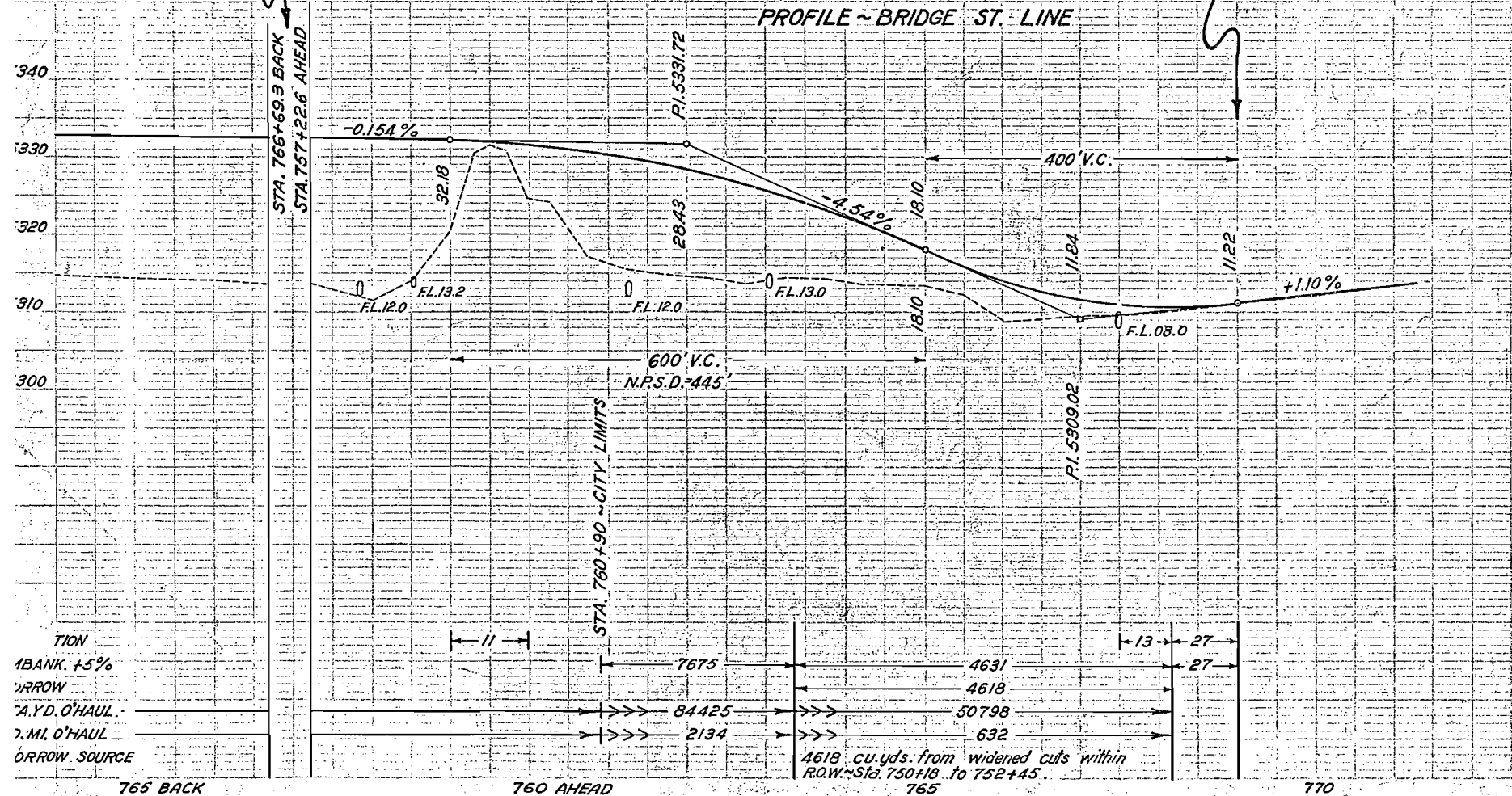
- 757+84 ~ Req'd. 24"x94" C.M.P. Cross Culvert & 10 cu. yds. excav. for ditches.
758+33 ~ Req'd. 15"x88" C.M.P. Cross Culvert to extend from C.I.P. under RR. and conc. connecting collar. Details on sheet 39.
761+25 ~ Req'd. 15"x26" C.M.P. Side Drain in Irrig. Ditch and 5 cu. yds. embank. for Road Approach to side road Lt. Remove 2'-1"x14" W.B.C's. Lt.
759+00 ~ Req'd. 15"x26" C.M.P. side drain in Irrig. ditch and 1250 cu. yds. embank. for Road Appr. Lt. (Side drain approx. 230' Lt.)
761+50 to 763+00 ~ Req'd. 260 cu. yds. excav. for Irrig. ditch Lt.
763+05 ~ Req'd. 24"x82" C.M.P. Cross Culv. (Type "A" Hdwl) and 10 cu. yds. excav. for ditches. Remove 15"x26" C.M.P. Culv.
766+70 to 768+20 ~ Req'd. 15 cu. yds. excav. for Irrig. ditch Lt.
768+50 ~ Req'd. 10 cu. yds. embank. for Road Approach Lt.
765+40 ~ Req'd. 18"x26" C.M.P. Side Drain and 125 cu. yds. embank. for Road Approach Lt.
766+00 ~ Req'd. 5 cu. yds. embank. for Walk Appr. Lt.
766+54 ~ Req'd. 24"x92" C.M.P. Cross Culvert and 5 cu. yds. excav. for ditches. Rem. 1'x126" W.B.C.
766+76 ~ Req'd. 18"x40" C.M.P. side Drain, 10 cu. yds. excav. for ditches, and 10 cu. yds. embank. for Road Appr. Lt.
761+15 ~ Req'd. 18"x46" C.M.P. In Irrig. ditch Rt. (under present road) Rem. 2'-18"x30" C.M.P's. Rt.
761+35 ~ Req'd. Div. Box Rt. Details on Sheet 14.
761+ to 766+ ~ Req'd. 2741 cu. yds. embank. for Road Appr. to Present Highway Rt. (included for payment in profile quantities).
766+00 ~ Req'd. 18"x52" C.M.P. Cross Culvert under Approach Rt. (Intercepting Headwall)
- 759+50 ~ Req'd. RR grade Crossing and Relocation of Telegraph line. (Work to be done by D.R.G.W.R. Co. Forces).
Note: Flashing light signals and Reflectors installed under FAS. 409 E (2).
761+25 ~ Req'd. 24"x108" C.M.P. Cross Culv. and 5 cu. yds. excav. for Outlet Ditch.
763+05 to 766+80 ~ Req'd. 40 cu. yds. excav. for Irrig. ditch Rt.
765+50 ~ Req'd. 18"x32" C.M.P. side drain in Irrig. ditch and 135 cu. yds. embank. for Road Approach Rt.
767+15 ~ Req'd. 5 cu. yds. embank. for Walk Approach Rt.
767+50 ~ Req'd. 24"x62" C.M.P. Cross Culvert.
767+90 ~ Req'd. 5 cu. yds. embank. for Road Approach Rt.
769+00 ~ Req'd. Project Marker.
- HOTCHKISS AVE. APPROACH
761+00 to 766+54 ~ Req'd. 55 cu. yds. excav. for Irrig. ditch Rt.
761+15 ~ Req'd. 18"x46" C.M.P. In Irrig. ditch Rt. (under present road) Rem. 2'-18"x30" C.M.P's. Rt.
761+35 ~ Req'd. Div. Box Rt. Details on Sheet 14.
761+ to 766+ ~ Req'd. 2741 cu. yds. embank. for Road Appr. to Present Highway Rt. (included for payment in profile quantities).
766+00 ~ Req'd. 18"x52" C.M.P. Cross Culvert under Approach Rt. (Intercepting Headwall)
- CLEARING AND GRUBBING
760+ to 765+ ~ Chico Brush
767+ ~ Trees Rt.

STA. 769+00-END
F.A.S. 409 E (1)

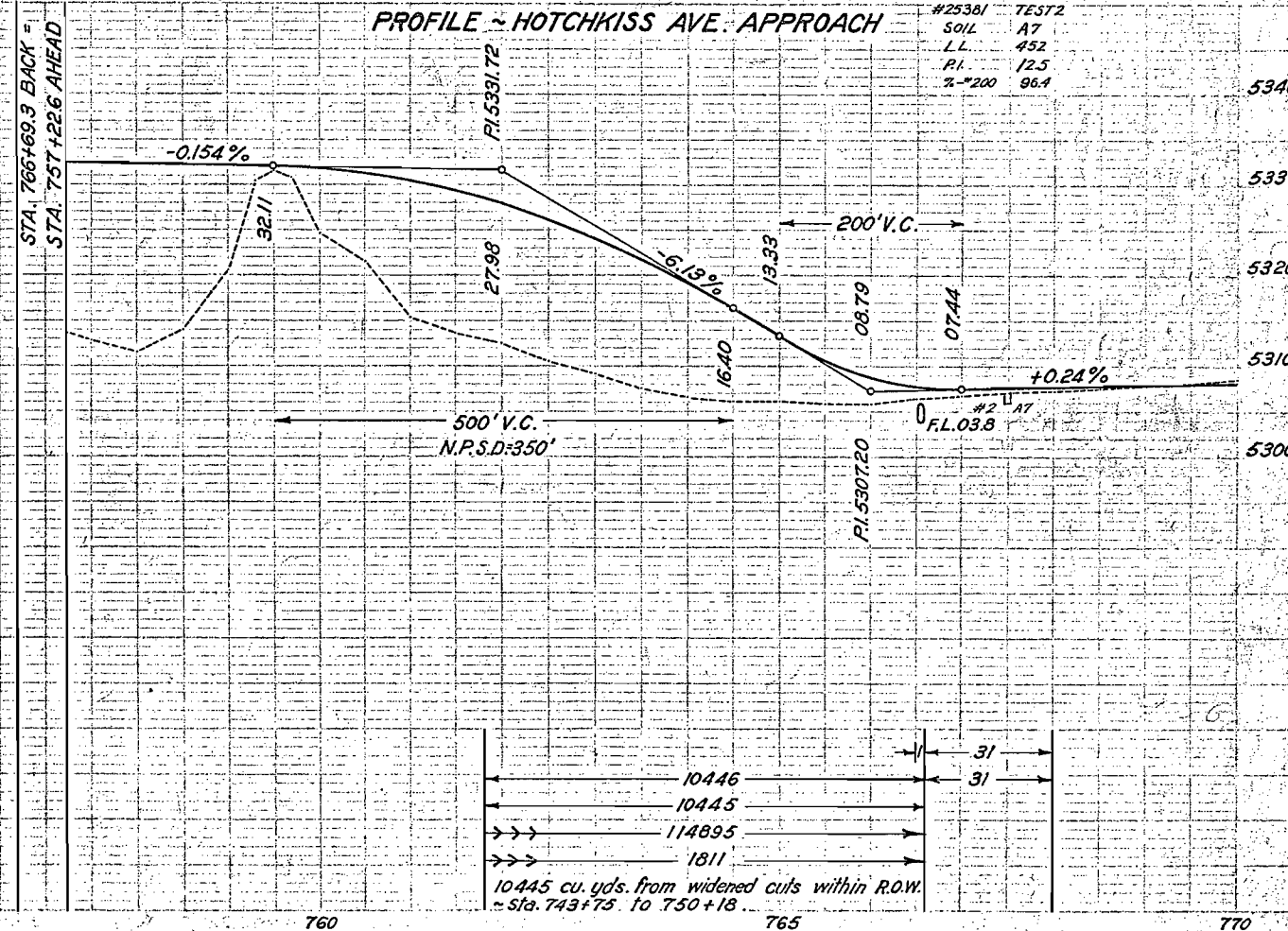
STA. 769+00-END
F.A.S. 409 E (1)

N.E. 1/4 SEC. 36

PROFILE ~ BRIDGE ST. LINE



PROFILE ~ HOTCHKISS AVE. APPROACH



TION
1 BANK, 15%
ARROW
A.Y.D. O'HAUL
7 MI. O'HAUL
ORROW SOURCE