FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	F. A. PROJ. NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	1	210

SOUTH CAROLINA
STATE HIGHWAY DEPARTMENT
COLUMBIA

PLAN AND PROFILE OF PROPOSED STATE HIGHWAY

F.A.P. NO. I-301-2 (10)
DOCKET NO. 11.352
ROUTE ~~29~~ I-85
CHEROKEE COUNTY

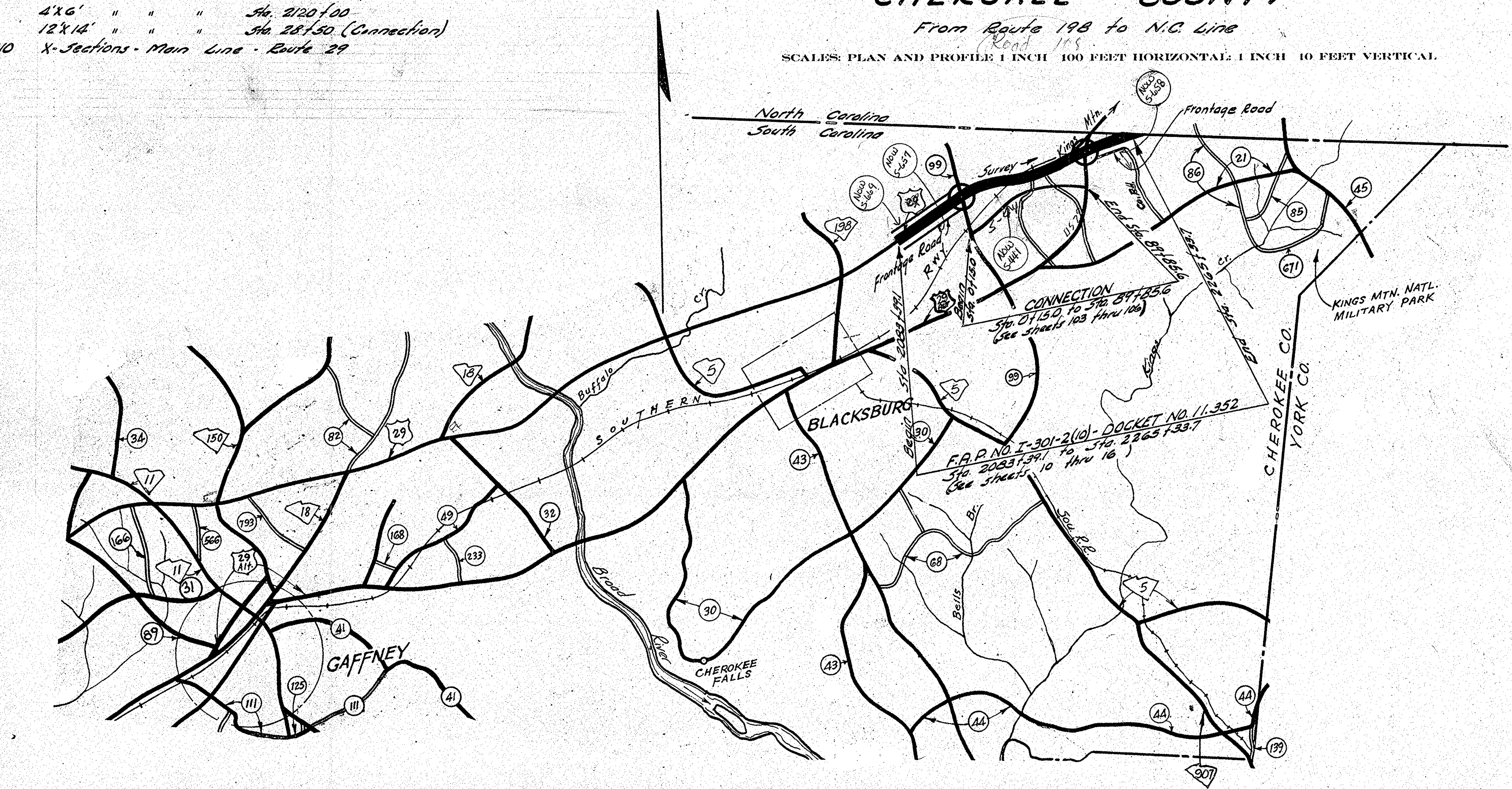
From Route 198 to N.C. Line
(Road 198)

SCALES: PLAN AND PROFILE 1 INCH = 100 FEET HORIZONTAL; 1 INCH = 10 FEET VERTICAL

INDEX OF SHEETS

SUMMARY OF ESTIMATED QUANTITIES

	QUANTITY	UNIT
EARTHWORK		
Clearing and Grubbing within Roadway	NEC	L.S.
Clearing and Grubbing of Borrow and Material Pits	3	ACRES
Unclass. Excavation	558,850	C.Y.
Overhaul	541,043	C.Y.H.M.
Selected Material for Slopes	5,391	C.Y.
STRUCTURES		
Concrete for Structures - Class A.	3470	C.Y.
Reinforcing Steel for Structures	47,316	LBS.
15" Reinforced Concrete Culvert Pipe	1272	L.F.
18" " " " "	1584	L.F.
24" " " " "	928	L.F.
30" " " " "	1008	L.F.
36" " " " "	124	L.F.
42" " " " "	150	L.F.
72" " " " "	60	L.F.
30" " " " " (Extra Strength)	172	L.F.
36" " " " " " "	648	L.F.
48" " " " " " "	432	L.F.
15" Relaid Pipe Culvert	60	L.F.
18" " " "	20	L.F.
24" " " "	100	L.F.
INCIDENTALS		
4" Pipe Underdrain	400	L.F.
Seeding Slopes	97,038	M.S.Y.
Fertilizer (5-10-5)	6	TON
Nitrate of Soda	2	TON
Concrete Gutter (24" Bottom)	3500	L.F.
Catch Basin - Type 9	24	EACH
Drop Inlet - 24" X 36"	3	EACH
Junction Box - 36" X 36"	1	EACH
R/W Markers	50	EACH
Reset R/W Markers	25	EACH
Rip Rap for Protecting Slopes	15	C.Y.
Reset Fences	1200	L.F.
4" Galvanized Iron Pipe	80	L.F.
New Fence (3 Str. Barbed Wire)	1000	L.F.



LAYOUT

Scale: 1 inch = 5280 feet

Net Length of Roadway =	3.388	Miles
Net Length of Bridges =	—	Miles
Net Length of Project =	3.388	Miles.
Length of Exceptions =	0.048	Miles
Gross Length of Project =	3.436	Miles

Equalities in Stationing

Sta. 2238+00 Back = Sta 2238+50 Ahead -50'

Note: All workmanship and material on this project to conform with South Carolina State Highway Department Standard Specifications for Highway Construction dated March 15th 1939, as approved by the Administrator, Federal Works Agency.

CONVENTIONAL SIGNS

State Line	Trolley Poles
County Line	Power Poles
City or Town Limits	Telephone or Telegraph Poles
Property Line	Marsh
Fence	Trees
Retaining Wall	Brush
Existing Road	Stumps
℄ and R.O.W. Lines of	Buildings
Proposed Road	Bridge
Railroad	Concrete Box Culvert
Levee or Embankment	Pipe Culvert
Guard Rail	Drop Inlet and Culvert
Point of Intersection (P. I.)	Hub on Center Line

LEGEND

PROPOSED PROJECT	
OTHER ROADS	PAV. ER.

APPROVED:

S. N. Pearman 10-7-57
STATE HIGHWAY ENGINEER DATE

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

RECOMMENDED FOR APPROVAL:

[redacted]

DISTRICT ENGINEER DATE

APPROVED:

[redacted]

DIVISION ENGINEER DATE

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	11-352	I-301-2(10)	29	1-A	210

20 10 0 10 20 25 20 10 0 10 20 25 20 10 0

MOVING ITEMS

Item No.	Location: Feet Rt. or Lt.	Location: Station	Description	Work to be Done	Unit Price	Owner
1	102' Rt	2100+95	8'X10' Wood & Metal Sign Board on 2 4"X4" Oak Posts	Move Sign and Appurtenances back Approx. 75' to location designated by owner		Belmont Motor Court Belmont, N.C.
2	101' Rt	2120+00	8'X10' Wood and Metal Sign Board on 2 Treated Timber Poles	Move Sign and Appurtenances back Approx. 75' to location designated by owner		Alamo Plaza Hotel Court Charlotte, N.C.
3	108' Rt	2194+90	8'X10' Wood and Metal Sign Board on 2 Treated Timber Posts	Move Sign and Appurtenances back Approx. 75' to location designated by Owner.		Alamo Plaza Hotel Court Charlotte, N.C.
4	48' Rt	2232+00	36'X60' Wood Frame Barn. Conc. Block Foundation. Floored in Sections Used as Cribs	Move Barn and appurtenances Approx. 800' Left (Not to Cross Present Rt 29) to location designated by owner Place Approx. 600' of New 1/2" Galv. Iron pipe (from 1/2" Water line in place Sta. 2234±) and make proper Connections		Mrs. R.E. Hambright Grover, N.C.
5	℄	2234+23	1/2" Gal. Iron Water Line	Lower Approx. 230' of 1/2" Water Line to Approx. 1' Below Finish Grade. Add Approx. 100' of New 1/2" G.I. Pipe		Mrs. R.E. Hambright Grover, N.C.
			(Connection Road 99 to Rt 29 A)			
6	11' Lt	68+00	Storage House	Move back Approx. 40' to location Designated by owner		Paul Hambright

Ground Surface Plotted by..........
" " Checked by..........
Template Sections Plotted by..........
" " Checked by..........
Slopes by..........
Checked by..........
Template Sections Revised by..........
" " Checked by..........
Field Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

20 10 0 10 20 25 20 10 0 10 20 25 20 10 0 10 20

K+E

US Rt 29 Cherokee Co.

Fed. Rd. Div. No.	State	County	Dkt. No.	Proj. No.	Rt. No.	Sheet No.	Total Sheets
3	S. C.	Cherokee	11.352	I-301-2(10)	29	2	210

S. C. STATE HIGHWAY DEPT.

COLUMBIA

TYPICAL SECTIONS OF IMPROVEMENT
FOR U.S. RT. No 29

SOUTH BOUND LANE

NORTH BOUND LANE

USE THIS SECTION STA. 2083+39.1 TO STA. 2220+00± MAIN LINE

NOTE ONLY THE GRADING OF THIS SECTION WILL BE REQUIRED UNDER THIS CONTRACT

Note: Use 12' Shoulder when Fill Slope is steeper than 4:1

SECTION SHOWING METHOD OF SUPERELEVATION

*See "Superelevation Standard" for rate of superelevation.

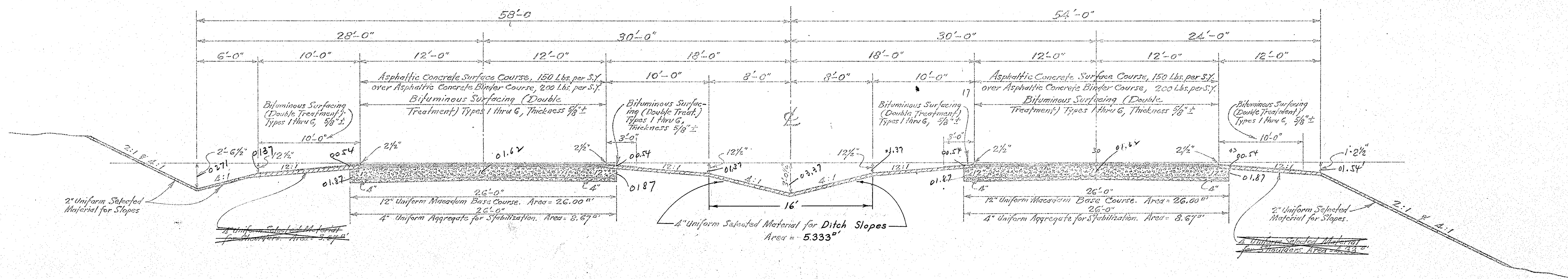
See Sheet no. 4-A for method of obtaining superelevation on North bound lane

Fed. Rd. Div. No.	State	County	Docket No.	Proj. No.	Route No.	Sheet No.	Total Sheets
3	S.C.	Cherokee	11.352	I-301-2(4)	29	2-A	210

S. C. STATE HIGHWAY DEPT.
COLUMBIA

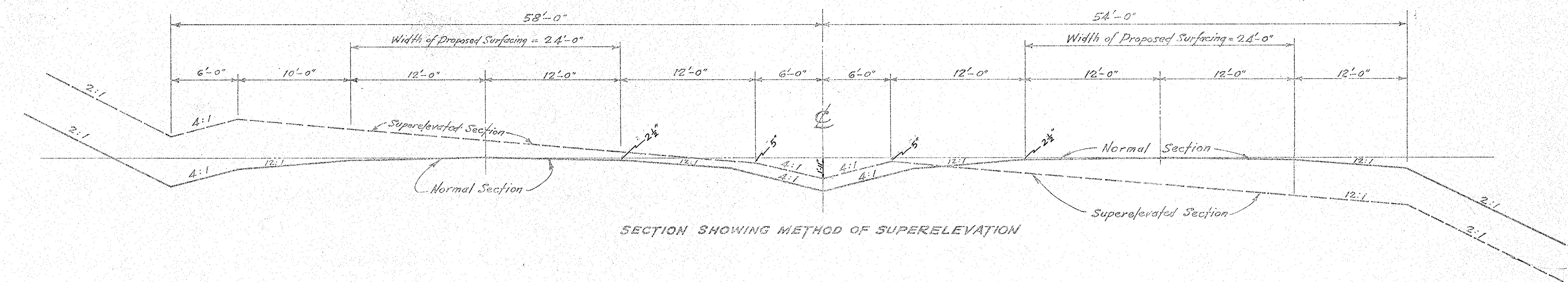
TYPICAL SECTIONS OF IMPROVEMENT

Scale: 1" = 5'



USE THIS SECTION STA. 2220+00± TO STA. 2265+33.7 MAINLINE

NOTE: ONLY THE GRADING OF THIS SECTION WILL BE REQUIRED IN THIS CONTRACT.



SECTION SHOWING METHOD OF SUPERELEVATION

SOUTH CAROLINA HIGHWAY DEPARTMENT
COLUMBIA

TYPICAL SECTIONS
FOR
EARTH TYPE BASE COURSE AND BITUMINOUS SURFACING

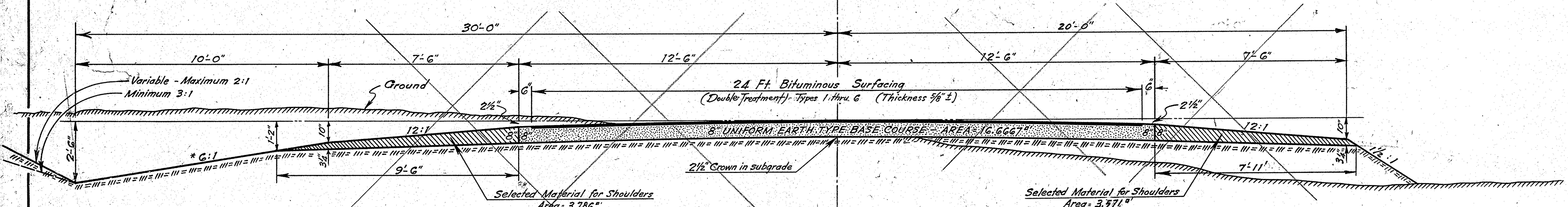
Fed. Road Dist. No.	State	County	Docket No.	Proj. No.	Route No.	Sheet No.	Total Sheets
14	S. C.	Cherokee	111352	I-301-2(10)	29	2-B	210

40'-52' SECTION

HALF SECTION IN CUT | HALF SECTION IN FILL

USE THIS SECTION ON APPROACHES TO MAIN LINE OVERHEAD ON R.T. 29-A

NOTE: ONLY THE GRADING OF THIS SECTION WILL BE REQUIRED IN THIS CONTRACT.



60 FT. SPECIAL SECTION

HALF SECTION IN CUT | HALF SECTION IN FILL

*NOTE: This slope may be varied when a Special ditch grade is necessary for drainage purposes, using a minimum slope of 12:1 and a maximum slope of 4:1. Where a deeper ditch than provided by a 4:1 is necessary, the ditch shall be placed farther from the ℄ continuing the 4:1 slope to provide for the necessary depth. See profile for Special ditch grades.

Designed by G. C. Sawyer 12-18-44
Drawn by C. W. Mertz 12-19-44

APPROVED C. R. McMillan DATE 3-20-45
STATE HIGHWAY ENGINEER

SECTION E-40

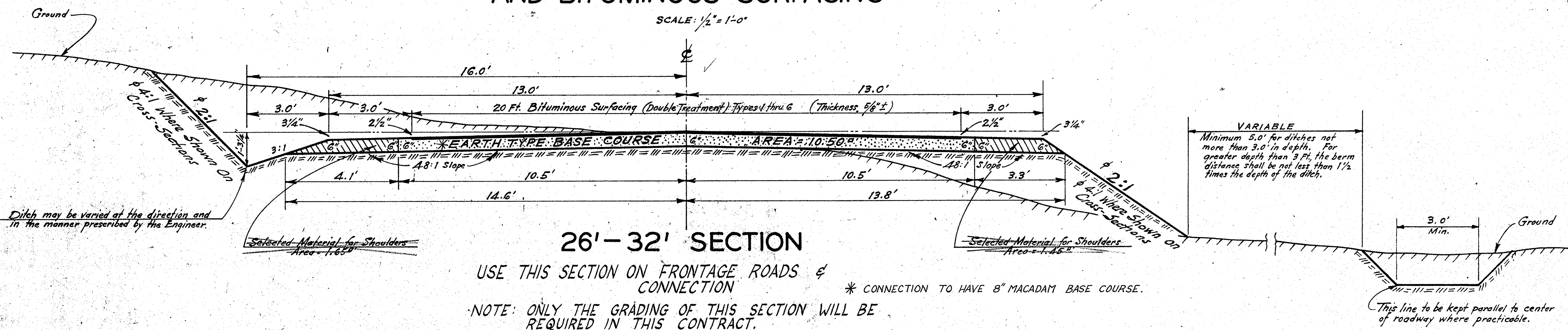
Fed. Rd. Div. No.	State	County	Dist. No.	Rd. No.	Sheet No.	Total Sheets
3	S.C.	Cherokee	11.352	29	2-D	210

STATE HIGHWAY DEPT.
COLUMBIA

TYPICAL SECTIONS

FOR
EARTH TYPE BASE COURSE
AND BITUMINOUS SURFACING

SCALE: 1/2" = 1'-0"

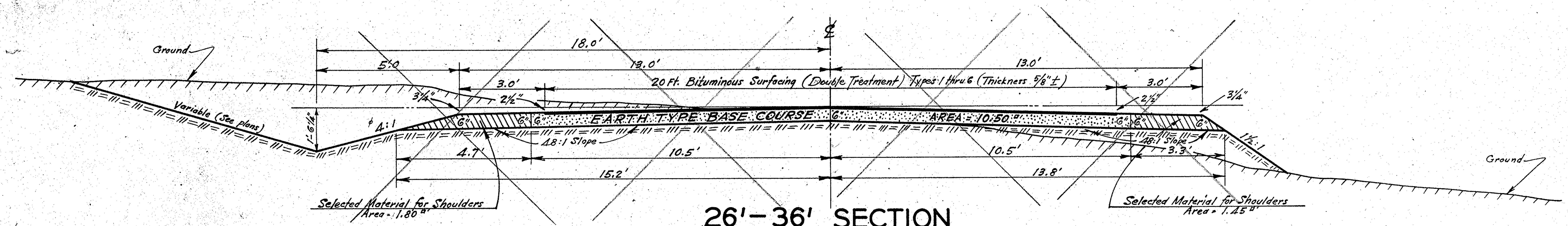


26'-32' SECTION

USE THIS SECTION ON FRONTAGE ROADS & CONNECTION

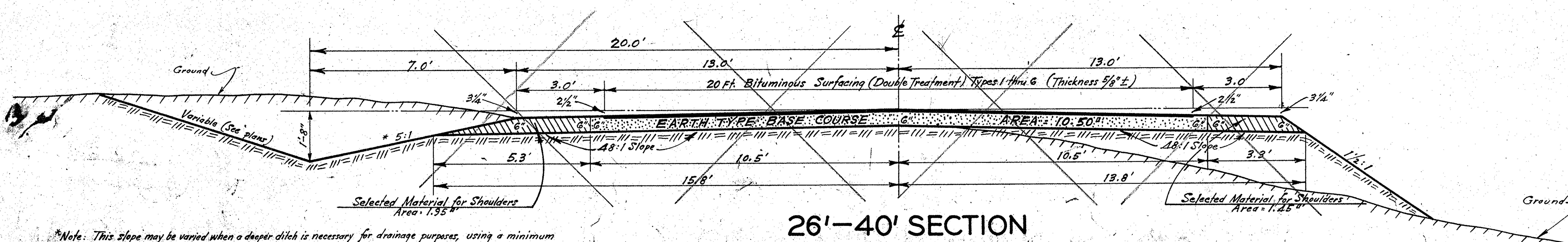
* CONNECTION TO HAVE 8" MACADAM BASE COURSE.

NOTE: ONLY THE GRADING OF THIS SECTION WILL BE REQUIRED IN THIS CONTRACT.



26'-36' SECTION

ϕNote: This slope may be varied when a deeper ditch is necessary for drainage purposes, using a minimum slope of 12:1 and a maximum slope of 3:1. Where a deeper ditch than provided by a 3:1 is necessary, the ditch shall be placed farther from the ℄ continuing the 3:1 slope to provide the necessary depth. See profile for Special ditch grades.
Also, this section may be widened by continuing the 4:1 slope (the distance between ℄ and bottom of the ditch not to exceed 24 ft.) where borrow material is necessary on flat grades that are governed by water elevation or where a wide ditch is necessary for drainage purposes.



26'-40' SECTION

*Note: This slope may be varied when a deeper ditch is necessary for drainage purposes, using a minimum slope of 12:1 and a maximum slope of 4:1. Where a deeper ditch than provided by a 4:1 is necessary, the ditch shall be placed farther from the ℄ continuing the 4:1 Slope to provide for the necessary depth. See profile for Special ditch grades.
Also, this section may be widened by continuing the 5:1 slope (the distance between the ℄ and bottom of ditch not to exceed 30 feet) where borrow material is necessary on flat grades that are governed by water elevation or where a wider ditch is necessary for drainage purposes.

Note: Horizontal dimensions are shown in tenths of feet.

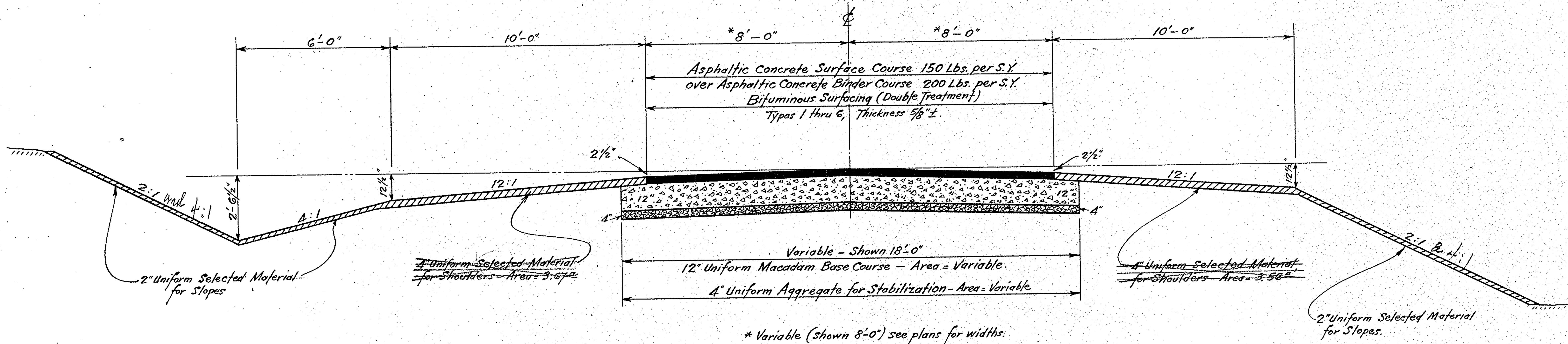
SECTION 26
11-8-48

Fed. Rd. Div. No.	State	County	Docket No.	Proj. No.	Route No.	Sheet No.	Total Sheets
3	S.C.	Cherokee	11.352	I-301-2(10)	29	2-E	210

S. C. STATE HIGHWAY DEPT.
COLUMBIA

TYPICAL SECTION OF IMPROVEMENT

Scale: 1/5" = 1'-0"



* Variable (shown 8'-0") see plans for widths.

USE THIS SECTION ON LEGS OF INTERCHANGES.

NOTE: ONLY THE GRADING OF THIS SECTION WILL BE REQUIRED IN THIS CONTRACT.

Fed. Road Dist. No.	State	County	Docket No.	Proj. No.	Route No.	Sheet No.	Total Sheets
14	S.C.	Cherokee	11352	I-301-2 (10)	29	2-F	210

SOUTH CAROLINA HIGHWAY DEPARTMENT
COLUMBIA

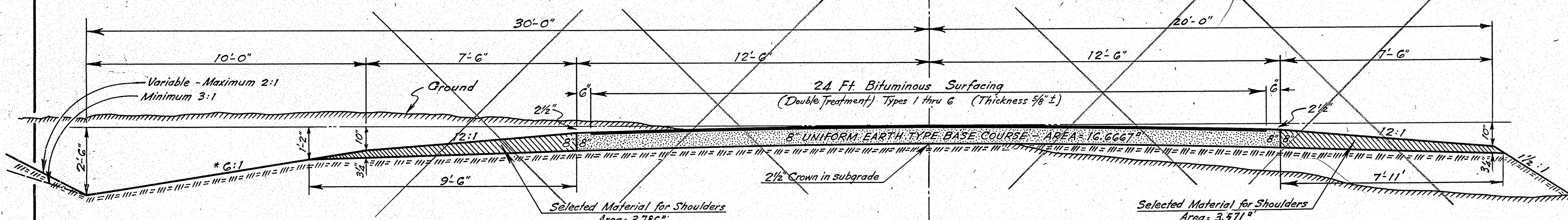
TYPICAL SECTIONS
FOR
MACADAM BASE COURSE AND BITUMINOUS SURFACING

36'-44' SECTION

HALF SECTION IN CUT | HALF SECTION IN FILL

USE THIS SECTION LINE 1 ROAD 99 INTERCHANGE

Note:- Only the Grading of this Section Will be required under this Contract.



~~60 FT. SPECIAL SECTION~~

HALF SECTION IN CUT | HALF SECTION IN FILL

*NOTE: This slope may be varied when a Special ditch grade is necessary for drainage purposes, using a minimum slope of 12:1 and a maximum slope of 4:1. Where a deeper ditch than provided by a 4:1 is necessary, the ditch shall be placed farther from the ℄ continuing the 4:1 slope to provide for the necessary depth. See profile for Special ditch grades.

Designed by G. C. Sawyer 12-18-44
Drawn by C. W. Metz 12-19-44

APPROVED	DATE
C. R. McMillan	3-20.45
STATE HIGHWAY ENGINEER	

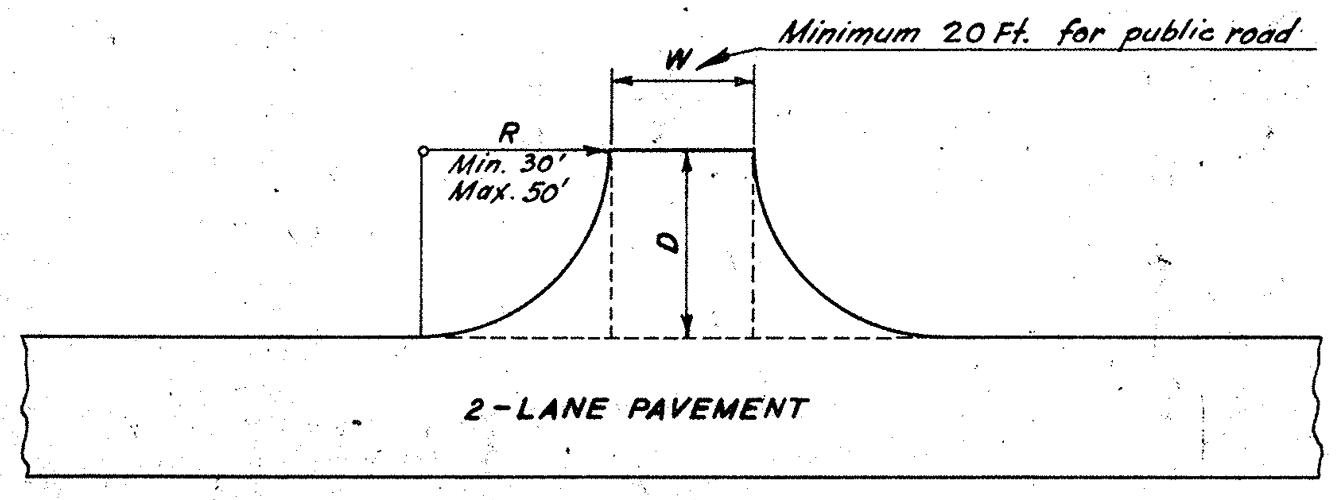
SECTION
E-40

Division No.	State	County	Docket No.	Route No.	Sheet No.	Total Sheets
3	S.C.	Cherokee	11.352	29	3	210

SOUTH CAROLINA STATE HIGHWAY DEPARTMENT
COLUMBIA

STANDARD TYPE INTERSECTIONS

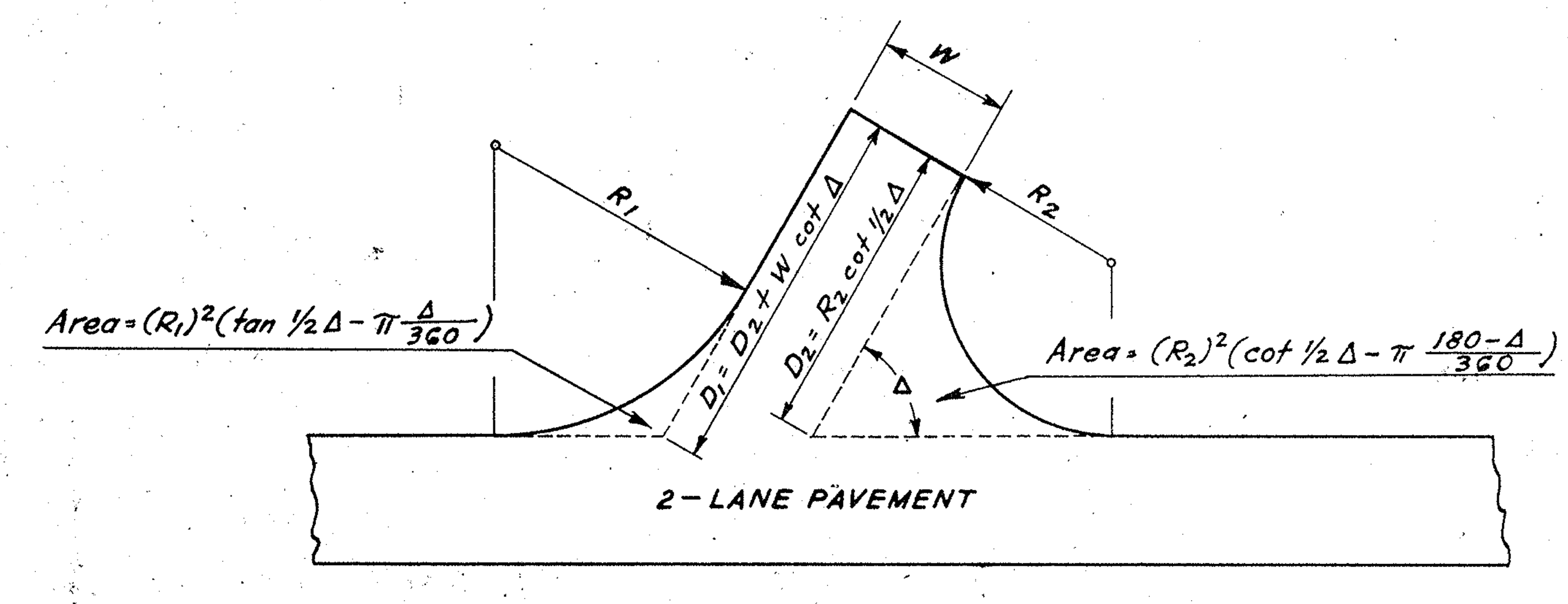
SCALE: 1" = 25'



T-TYPE INTERSECTION

For angles at or near 90°.
Area of Paved Spur = WD + 0.43 R²

For private driveways to be paved, use this type with 20' radii and 10' width at back. Area for driveway = 41.3 S.Y.



Y-TYPE INTERSECTION

MAXIMUM AND MINIMUM RADII WITH CORRESPONDING INTERSECTION AREAS						
ANGLE Δ	MAXIMUM			MINIMUM		
	R_1 FEET	R_2 FEET	AREA* S.Y.	R_1 FEET	R_2 FEET	AREA* S.Y.
90°	50	50	241.7	30	30	116.3
75°	80	50	354.3	50	25	145.1
60°	125	35	350.2	75	20	164.1
45°	200	25	355.9	100	15	170.2
# 30°	300	20	398.1	150	10	180.0

** The areas given are for the total area beyond the edge of the pavement on the main road. Width at back of intersection, W = 22 Ft.*

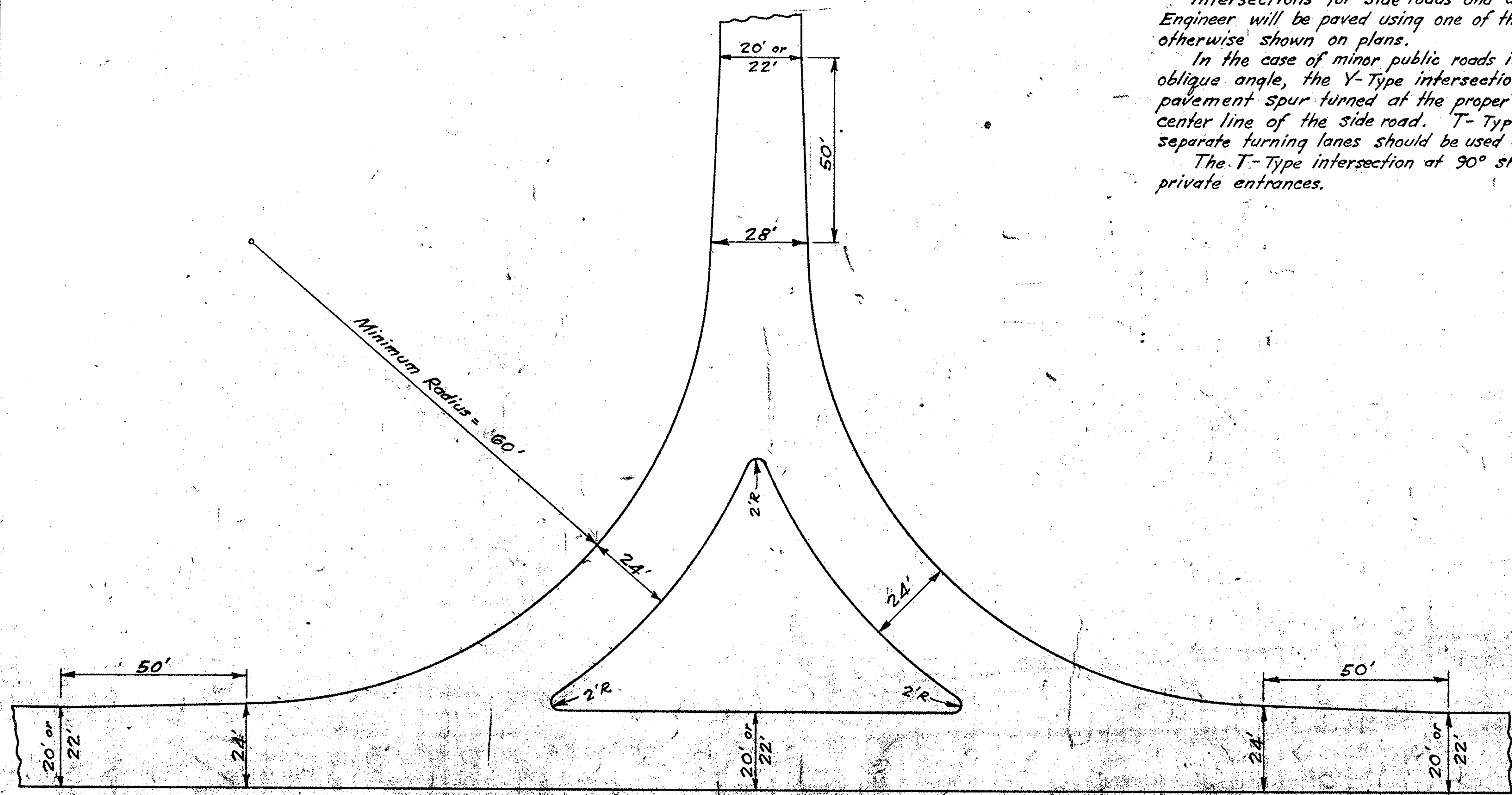
 # Intersections of less than 45° should be constructed with separate turning lanes where practical, as shown by intesection type below.

GENERAL NOTES:-

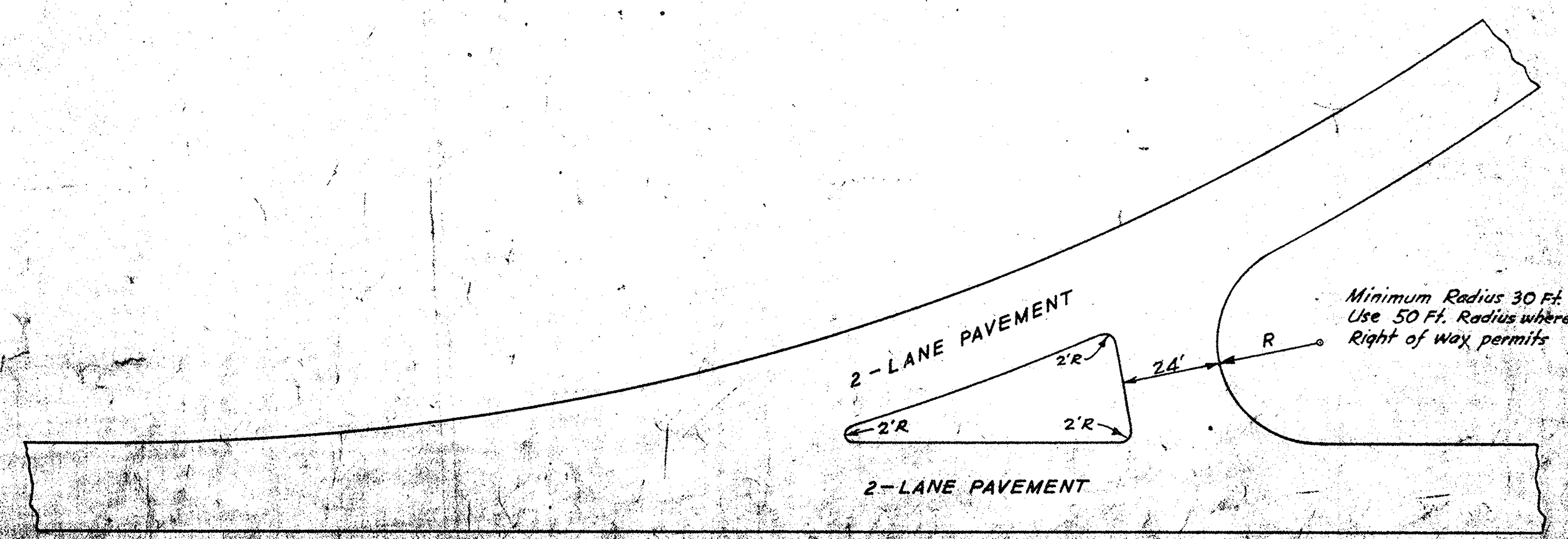
Intersections for side roads and driveways where directed by the Engineer will be paved using one of the Standard Types shown, unless otherwise shown on plans.

In the case of minor public roads intersecting the highway at an oblique angle, the Y-Type intersection should be used with the pavement spur turned at the proper angle to line up with the center line of the side road. T-Type or Y-Type intersections with separate turning lanes should be used at the more important intersections.

The T-Type intersection at 90° should be used at driveways for private entrances.



T-TYPE INTERSECTION WITH SEPARATE TURNING LANES



Y-TYPE INTERSECTION WITH SEPARATE TURNING LANE

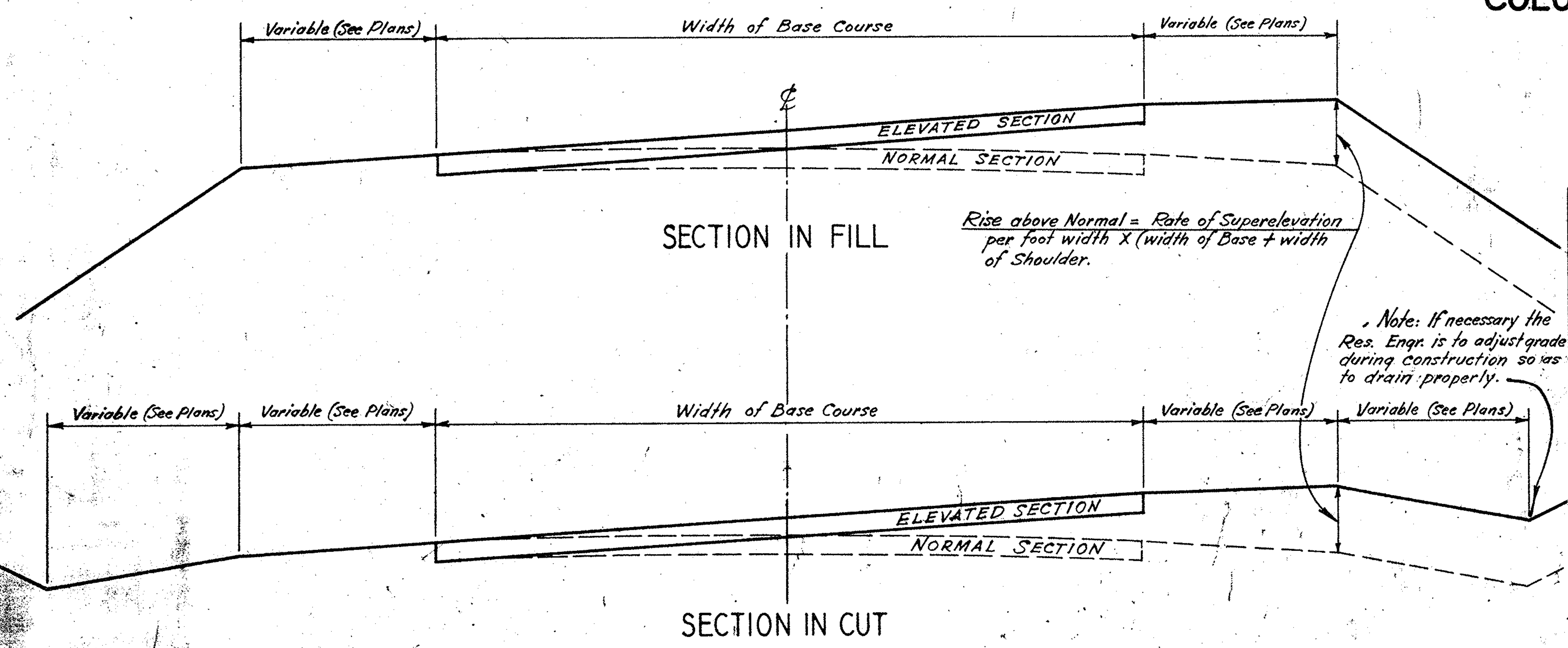
Designed by Geo. C. Sawyer 11-17-45
Drawn by Carl W. Metz 11-19-45

DRAWING A-51

Fed. Road Div. No.	State	County	Dist. No.	Route No.	Sheet No.	Total Sheets
3	S.C.	Cherokee	11.352	29	4	210

SUPERELEVATION STANDARD

S.C. STATE HIGHWAY DEPT.
COLUMBIA



NOTES: All curves are to be superelevated to the nearest thirty (30') minutes according to table.
In any case where conditions do not permit an approach as long as shown on this sheet, the Resident Engineer is to adjust same to meet the conditions.
Where unusual conditions make it desirable, superelevation may be obtained by revolving the surface about the centerline instead of the inside edge, the amount of superelevation to be the same as shown in the table.
For all types of surfacing the roadway crown shall decrease gradually from the point where superelevation begins, reaching a flat section 80 ft. from the beginning S.E. toward the curve.
The crown in subgrade shall be eliminated to conform to the finished surfacing.

SUPERELEVATION FORMULA:

$$E = 0.067 \frac{S^2}{R}$$

E = SUPERELEVATION IN FEET
S = SPEED IN MILES PER HOUR
R = RADIUS OF CURVE IN FEET

SUPERELEVATION FOR DESIGN SPEED OF 65 M.P.H

(BASED ON S = 50 M.P.H. IN FORMULA)

SUPERELEVATION TABLE

Degree of Curve	Radius of Curve	Superelev. in Ft. per Ft. Width	Total Superelevation - Ft. 21' Width	23' Width	25' Width	Length of Approach - Ft. 21' Width	23' Width	25' Width
0°-30'	11459.19	0.014	0.29	0.32	0.35	98	104	110
1°-00'	5729.65	0.029	0.61	0.67	0.73	162	174	186
1°-30'	3819.83	0.043	0.90	0.99	1.08	220	238	256
2°-00'	2864.93	0.057	1.20	1.31	1.43	280	302	326
2°-30'	2292.01	0.072	1.51	1.66	1.80	342	372	400
3°-00'	1910.08	0.086	1.81	1.98	2.15	402	436	470
3°-30' and over to be superelevated same as 3°-00'								

TABLE SHOWING AMOUNT OF SUPERELEVATION AT ANY POINT ON APPROACH TO CURVE

DISTANCE FROM BEGINNING OF SUPERELEVATION IN DIRECTION OF CURVE - FEET

SUPERELEVATION IN FEET — 21 FT. WIDTH

Degree of Curve	10	20	30	40	50	60	70	80	90	98	100	110	120	130	140	150	160	162	170	180	190	200	210	220	230	240	250	260	270	280	290	300	310	320	330	340	342	350	360	370	380	390	400	402
0°-30'	.01	.03	.06	.10	.15	.20	.23	.26	.28	.29																																		
1°-00'	.01	.03	.06	.10	"	"	.25	.30	.35	—	.40	.45	.50	.54	.58	.60	.61	.61																										
1°-30'	.01	.03	.06	.10	"	"	"	"	"	—	"	"	"	.55	.60	.65	.70	—	.75	.80	.84	.87	.89	.90																				
2°-00'	.01	.03	.06	.10	"	"	"	"	"	—	"	"	"	"	"	"	"	—	"	"	.85	.90	.95	1.00	1.05	1.10	1.14	1.17	1.19	1.20														
2°-30'	.01	.03	.06	.10	"	"	"	"	"	—	"	"	"	"	"	"	"	—	"	"	"	"	"	"	"	"	1.15	1.20	1.25	1.30	1.35	1.40	1.44	1.48	1.50	1.51	1.51							
3°-00'	.01	.03	.06	.10	"	"	"	"	"	—	"	"	"	"	"	"	"	—	"	"	"	"	"	"	"	"	"	"	"	"	"	"	1.45	1.50	1.55	1.60	—	1.65	1.70	1.74	1.78	1.80	1.81	1.81

SUPERELEVATION IN FEET — 23 FT. WIDTH

Degree of Curve	10	20	30	40	50	60	70	80	90	100	104	110	120	130	140	150	160	170	174	180	190	200	210	220	230	238	240	250	260	270	280	290	300	302	310	320	330	340	350	360	370	372	380	390	400	410	420	430	436
0°-30'	.01	.03	.06	.10	.15	.20	.24	.27	.29	.31	.32																																						
1°-00'	.01	.03	.06	.10	"	"	.25	.30	.35	.40	—	.45	.50	.55	.59	.62	.65	.66	.67																														
1°-30'	.01	.03	.06	.10	"	"	"	"	"	"	—	"	"	"	.60	.65	.70	.75	—	.80	.85	.90	.93	.96	.98	.99																							
2°-00'	.01	.03	.06	.10	"	"	"	"	"	"	—	"	"	"	"	"	"	"	—	"	"	"	.95	1.00	1.05	—	1.10	1.15	1.20	1.25	1.28	1.30	1.31	1.31															
2°-30'	.01	.03	.06	.10	"	"	"	"	"	"	—	"	"	"	"	"	"	"	—	"	"	"	"	"	"	—	"	"	"	"	1.30	1.35	1.40	—	1.45	1.50	1.55	1.60	1.63	1.65	1.66	1.66							
3°-00'	.01	.03	.06	.10	"	"	"	"	"	"	—	"	"	"	"	"	"	"	—	"	"	"	"	"	"	—	"	"	"	"	"	"	"	—	"	"	"	"	1.65	1.70	1.75	—	1.80	1.85	1.89	1.93	1.96	1.98	1.98

SUPERELEVATION FOR DESIGN SPEED OF 45 M.P.H.

(BASED ON S = 35 M.P.H. IN FORMULA)

SUPERELEVATION TABLE

Degree of Curve	Radius of Curve	Superelev. in Ft. per Ft. Width	Total Superelevation - Ft. 19' Width	21' Width	23' Width	Length of Approach - Ft. 19' Width	21' Width	23' Width
1°-00'	5729.65	0.014	0.27	0.29	0.32	94	98	104
1°-30'	3819.83	0.021	0.40	0.44	0.48	120	128	136
2°-00'	2864.93	0.029	0.55	0.61	0.67	150	162	174
2°-30'	2292.01	0.036	0.68	0.76	0.83	176	192	206
3°-00'	1910.08	0.043	0.82	0.90	0.99	204	220	238
3°-30'	1637.28	0.050	0.95	1.05	1.15	230	250	270
4°-00'	1432.69	0.057	1.08	1.20	1.31	256	280	302
4°-30'	1273.57	0.065	1.24	1.37	1.50	288	314	340
5°-00'	1146.28	0.072	1.37	1.51	1.66	314	342	372
5°-30'	1042.14	0.079	1.50	1.66	1.82	340	372	404
6°-00'	955.37	0.086	1.63	1.81	1.98	366	402	436
6°-30' and over to be superelevated same as 6°-00								

TABLE SHOWING AMOUNT OF SUPERELEVATION AT ANY POINT ON APPROACH TO CURVE

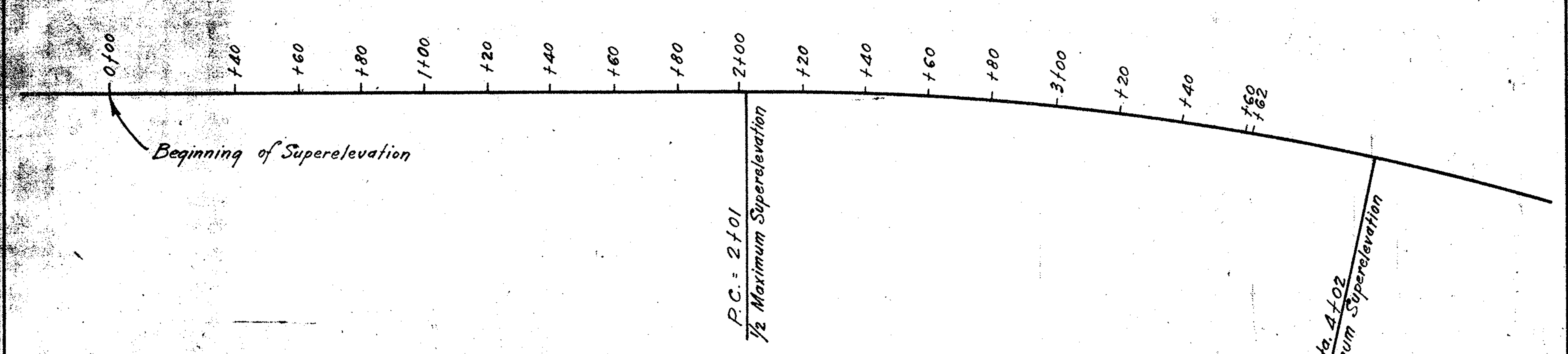
DISTANCE FROM BEGINNING OF SUPERELEVATION IN DIRECTION OF CURVE - FEET

SUPERELEVATION IN FEET — 21 FT. WIDTH

Degree of Curve	10	20	30	40	50	60	70	80	90	98	100	110	120	128	130	140	150	160	162	170	180	190	192	200	210	220	230	240	250	260	270	280	290	300	310	314	320	330	340	342	350	360	370	372	380	390	400	402
1°-00'	.01	.03	.06	.10	.15	.20	.24	.27	.28	.29																																						
1°-30'	.01	.03	.06	.10	"	"	.25	.30	.35	—	.39	.42	.43	.44																																		
2°-00'	.01	.03	.06	.10	"	"	"	"	"	—	.40	.45	.50	—	.55	.58	.60	.61	.61																													
2°-30'	.01	.03	.06	.10	"	"	"	"	"	—	"	"	"	—	"	.60	.65	.70	—	.73	.75	.76	.76																									
3°-00'	.01	.03	.06	.10	"	"	"	"	"	—	"	"	"	—	"	"	"	"	—	.75	.80	.84	—	.87	.89	.90																						
3°-30'	.01	.03	.06	.10	"	"	"	"	"	—	"	"	"	—	"	"	"	"	—	"	"	.85	—	.90	.95	.99	1.02	1.04	1.05																			
4°-00'	.01	.03	.06	.10	"	"	"	"	"	—	"	"	"	—	"	"	"	"	—	"	"	"	—	"	"	1.00	1.05	1.10	1.14	1.17	1.19	1.20																
4°-30'	.01	.03	.06	.10	"	"	"	"	"	—	"	"	"	—	"	"	"	"	—	"	"	"	—	"	"	"	"	"	1.15	1.20	1.25	1.30	1.33	1.36	1.37	1.37												
5°-00'	.01	.03	.06	.10	"	"	"	"	"	—	"	"	"	—	"	"	"	"	—	"	"	"	—	"	"	"	"	"	"	"	"	"	1.35	1.40	1.45	—	1.48	1.50	1.51	1.51								
5°-30'	.01	.03	.06	.10	"	"	"	"	"	—	"	"	"	—	"	"	"	"	—	"	"	"	—	"	"	"	"	"	"	"	"	"	"	"	"	—	1.50	1.55	1.60	—	1.63	1.65	1.66	1.66				
6°-00'	.01	.03	.06	.10	"	"	"	"	"	—	"	"	"	—	"	"	"	"	—	"	"	"	—	"	"	"	"	"	"	"	"	"	"	"	"	—	"	"	"	—	1.65	1.70	1.75	—	1.78	1.80	1.81	1.81

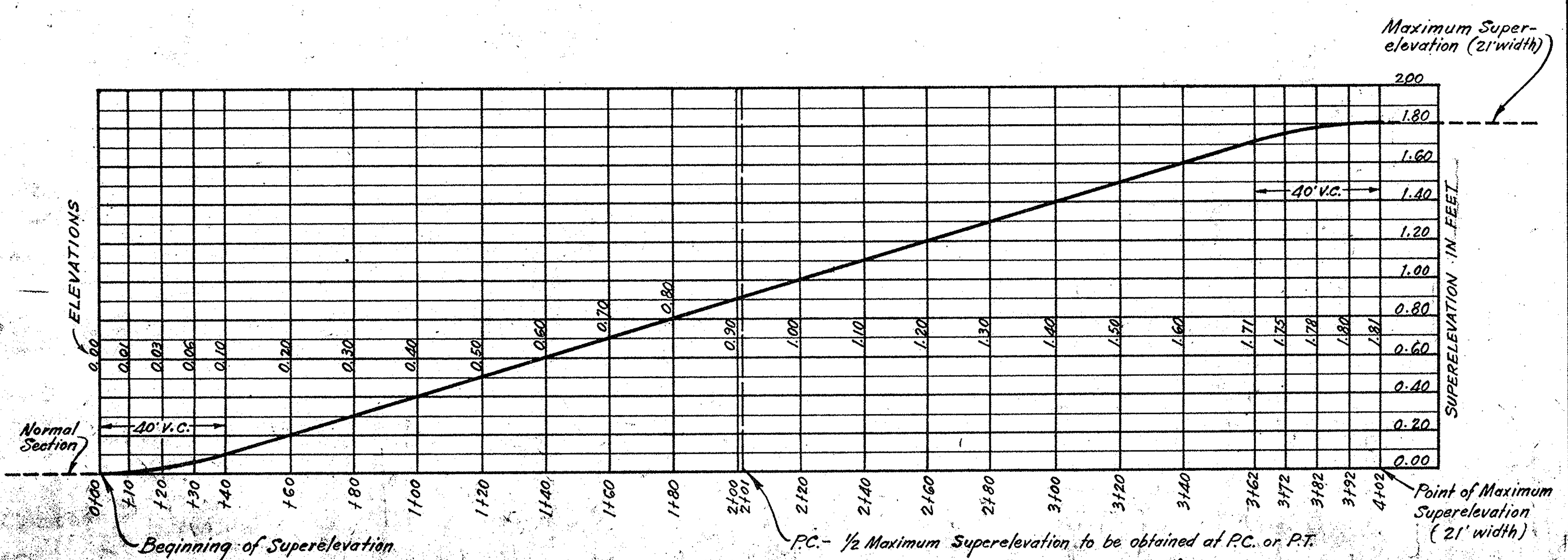
SUPERELEVATION IN FEET — 23 FT. WIDTH

Degree of Curve	10	20	30	40	50	60	70	80	90	100	104	110	120	130	136	140	150	160	170	174	180	190	200	206	210	220	230	238	240	250	260	270	280	290	300	302	310	320	330	340	350	360	370	372	380	390	400	404	410	420	430	436
1°-00'	.01	.03	.06	.10	.15	.20	.24	.27	.29	.31	.32																																									
1°-30'	.01	.03	.06	.10	"	"	.25	.30	.35	.40	—	.44	.46	.47	.48																																					
2°-00'	.01	.03	.06	.10	"	"	"	"	"	"	—	.45	.50	.55	—	.60	.63	.66	.67	.67																																
2°-30'	.01	.03	.06	.10	"	"	"	"	"	"	—	"	"	"	—	"	.65	.70	.75	—	.79	.81	.83	.83																												
3°-00'	.01	.03	.06	.10	"	"	"	"	"	"	—	"	"	"	—	"	"	"	"	—	.80	.85	.89	—	.94	.97	.98	.99																								
3°-30'	.01	.03	.06	.10	"	"	"	"	"	"	—	"	"	"	—	"	"	"	"	—	"	"	.90	—	.95	1.00	1.05	—	1.09	1.12	1.14	1.15																				
4°-00'	.01	.03	.06	.10	"	"	"	"	"	"	—	"	"	"	—	"	"	"	"	—	"	"	"	—	"	"	"	—	1.10	1.15	1.20	1.25	1.28	1.30	1.31	1.31																
4°-30'	.01	.03	.06	.10	"	"	"	"	"	"	—	"	"	"	—	"	"	"	"	—	"	"	"	—	"	"	"	—	"	"	"	"	1.30	1.35	1.40	—	1.44	1.47	1.49	1.50												
5°-00'	.01	.03	.06	.10	"	"	"	"	"	"	—	"	"	"	—	"	"	"	"	—	"	"	"	—	"	"	"	—	"	"	"	"	"	"	"	—	1.45	1.50	1.55	1.60	1.63	1.65	1.66	1.66								
5°-30'	.01	.03	.06	.10	"	"	"	"	"	"	—	"	"	"	—	"	"	"	"	—	"	"	"	—	"	"	"	—	"	"	"	"	"	"	"	—	"	"	"	"	1.65	1.70	1.75	—	1.78	1.81	1.82	1.82				
6°-00'	.01	.03	.06	.10	"	"	"	"	"	"	—	"	"	"	—	"	"	"	"	—	"	"	"	—	"	"	"	—	"	"	"	"	"	"	"	—	"	"	"	"	"	"	"	—	1.80	1.85	1.90	—	1.93	1.96	1.98	1.98



PLAN AND PROFILE SHOWING SUPERELEVATION APPROACH

ILLUSTRATED WITH MAXIMUM SUPERELEVATION FOR 21' WIDTH



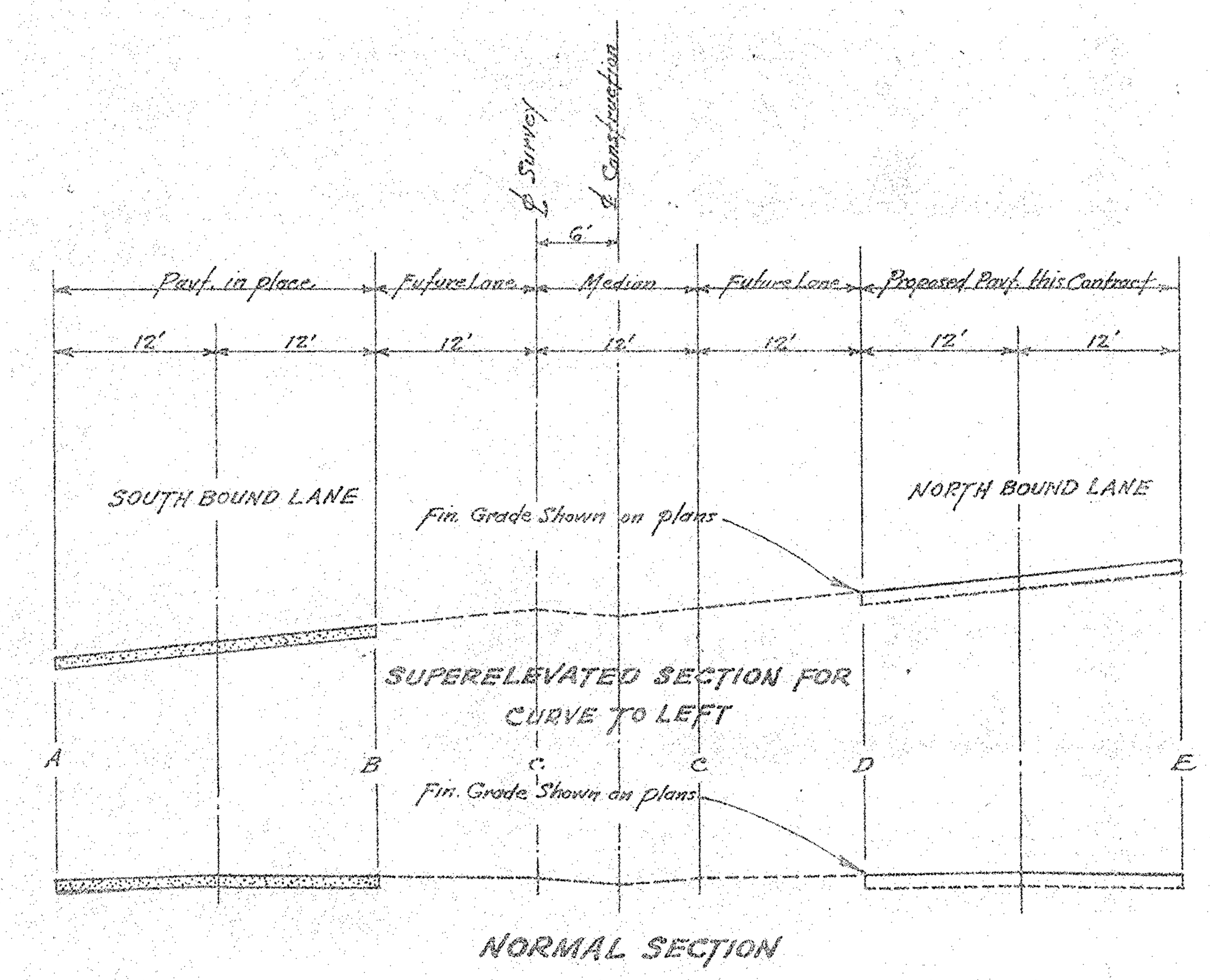
Revised by T.J. Hendrix 4-46
Redrawn by C.W. Motz 4-46
Checked by L.A. Hendricks 4-46

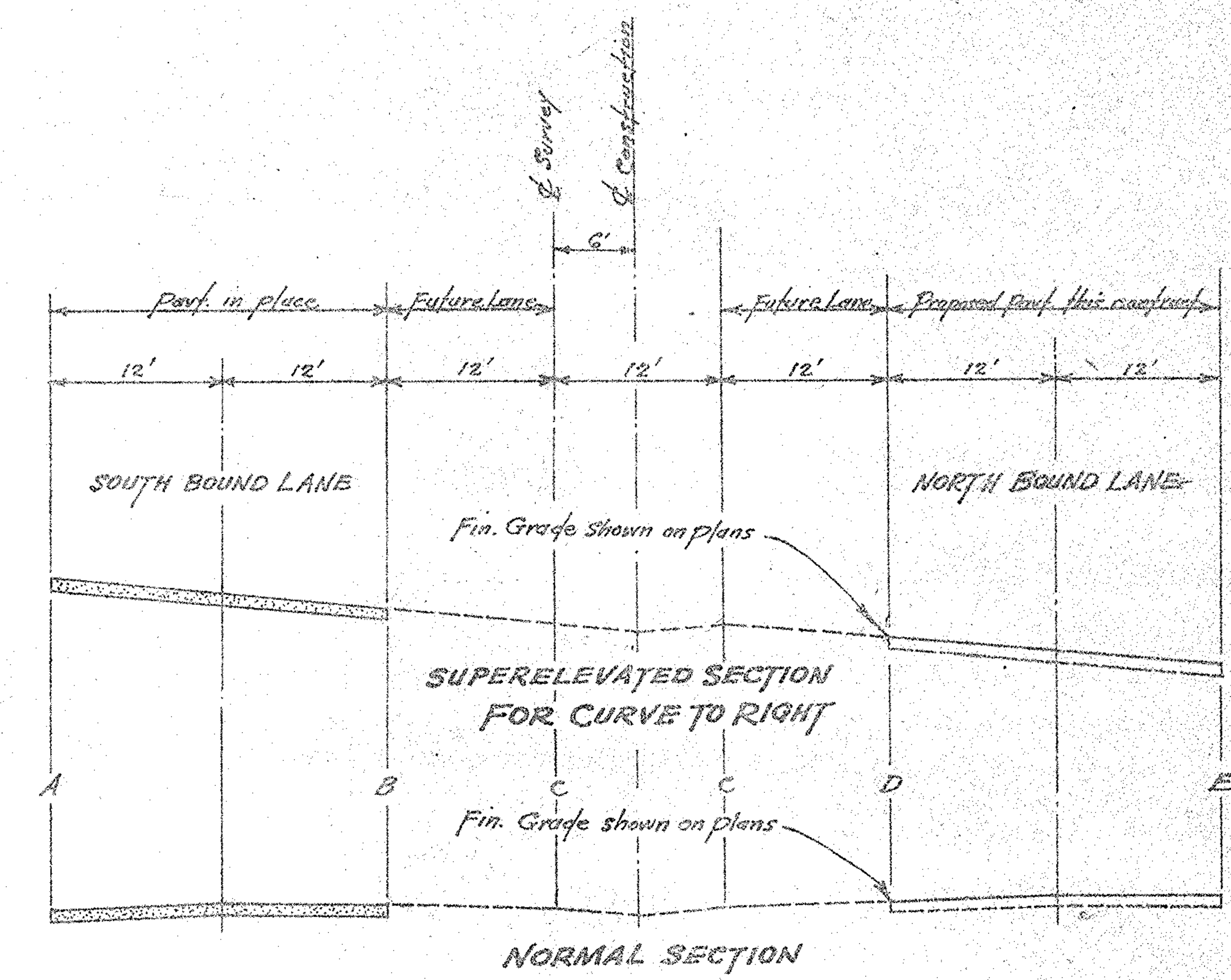
"S.E." REVISED

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	11.352	I-3012(2)	29	4-A	210

S. C. STATE HWY. DEPT.
COLUMBIA

METHOD FOR OBTAINING SUPERELEVATION ON NORTH BOUND LANE
U.S. ROUTE No 29
SPARTANBURG-CHEROKEE COUNTIES

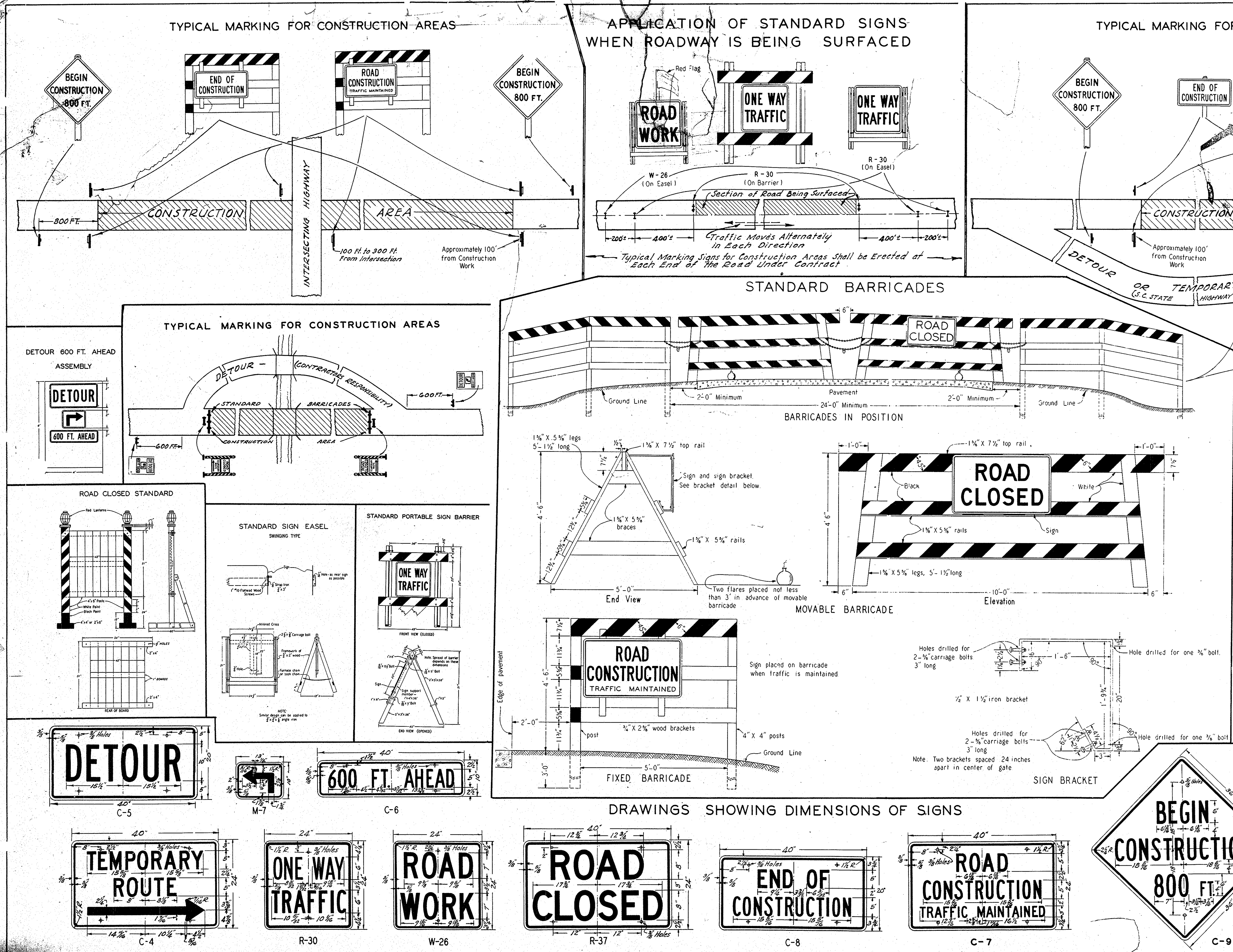


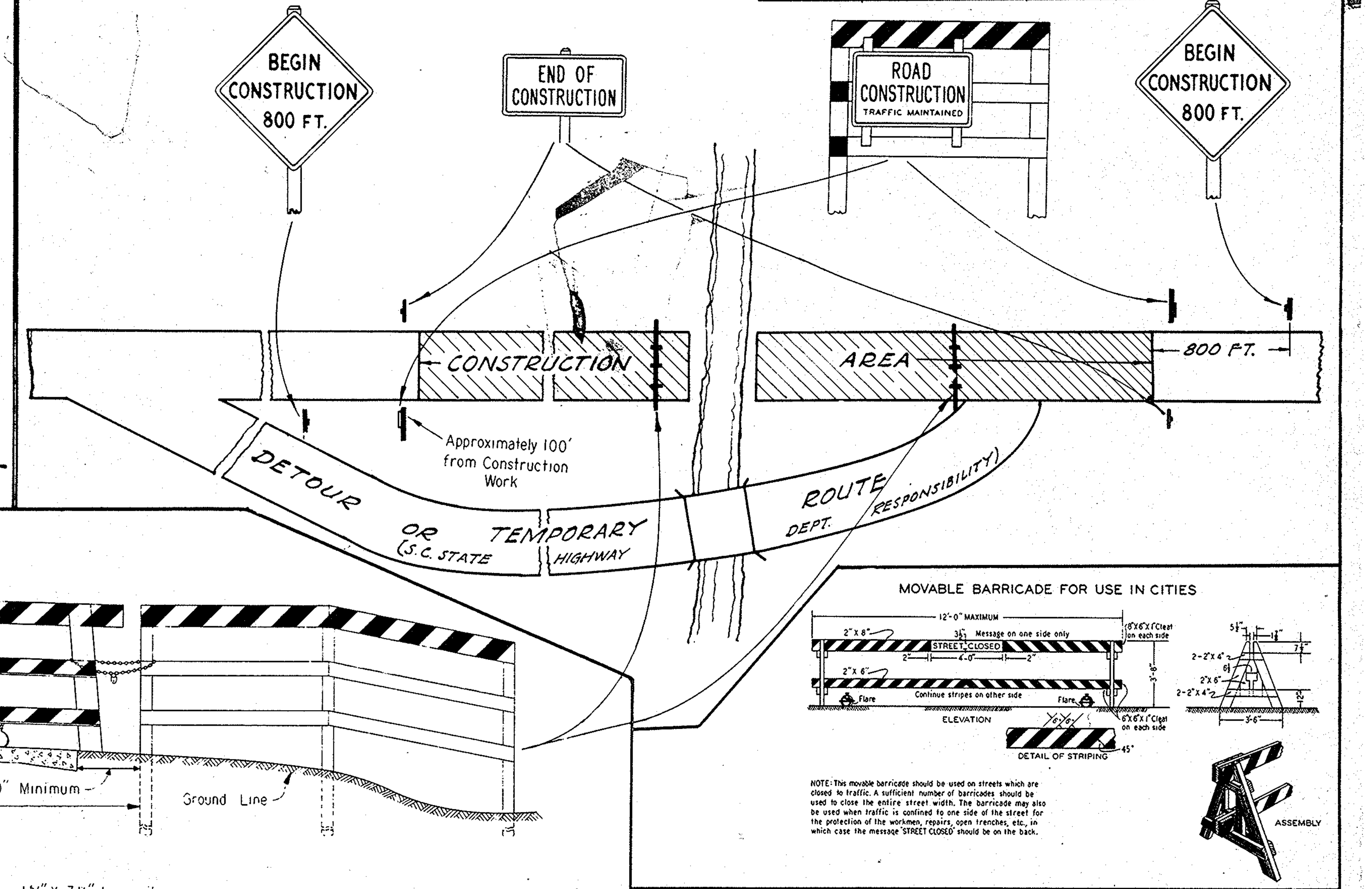


PROFILES OF SUPERELEVATION APPROACH FOR CURVES TO LEFT

PROFILES OF SUPERELEVATION APPROACH FOR CURVES TO RIGHT

Fed. Road Div. No.	State	County	Dock'd No.	Road No.	Sheet No.	Total Sheets
3	S.C.	Cherokee	11.352	29	5	210





NOTES

ANY CONDITIONS NOT COVERED BY DETAILS AND SIGNS ON THIS DRAWING SHALL CONFORM TO THE LATEST S. C. STANDARD SPECIFICATIONS AND TO THE LATEST S. C. STANDARDS AND SPECIFICATIONS FOR UNIFORM TRAFFIC CONTROL DEVICES. THE LOCATION OF TYPICAL MARKINGS SHOWN HEREON MAY BE VARIED TO CONFORM TO FIELD CONDITIONS.

THE CONTRACTOR SHALL PROVIDE AND ERECT APPROPRIATE SIGNS AND BARRICADES THE FIRST DAY ANY WORK IS PERFORMED OR AT THE TIME HE MOVES ANY MATERIAL OR EQUIPMENT ON TO THE PROJECT, WHICHEVER IS FIRST. HE SHALL MAINTAIN THESE SIGNS THROUGHOUT THE LIFE OF THE PROJECT UNTIL FINAL ACCEPTANCE OF THE CONTRACT, AT WHICH TIME THEY SHALL BE REMOVED.

WHEREVER SURFACING WORK IS BEING PERFORMED ON THE ROADWAY AND ONE-WAY TRAFFIC IS BEING MAINTAINED THROUGH THE SECTION BEING SURFACED, THE STANDARD SIGNS SHALL BE PLACED AND, ALSO, FLAGMEN SHALL BE POSTED AT EACH END OF THE SECTION OF ROAD BEING SURFACED EXCEPT IN CASES WHERE TRAFFIC VOLUME IS LIGHT AND HIGH SPEEDS DO NOT PREVAIL; OR IN CASES WHERE THE SECTION OF ROAD BEING SURFACED IS NOT MORE THAN 100 FEET IN LENGTH AND THE SIGNS ARE CLEARLY VISIBLE FOR A DISTANCE OF 500 FEET.

THE DEPARTMENT WILL ERECT AND MAINTAIN PROPER SIGNS IN ACCORDANCE WITH THE MANUAL FOR UNIFORM CONTROL DEVICES ON ALL DETOURS OR TEMPORARY ROUTES THAT THE CONTRACTOR IS NOT REQUIRED TO MAINTAIN. THE CONTRACTOR WILL BE REQUIRED TO PROVIDE AND MAINTAIN PROPER DETOUR SIGNS AT AND ALONG ALL DETOURS FOR WHICH HE IS RESPONSIBLE.

THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN AND RELOCATE, WHERE NECESSARY, ALL REGULATORY, WARNING AND GUIDE SIGNS IN PLACE, OR THOSE THAT MAY BE ERECTED BY THE DEPARTMENT, WITHIN THE LIMITS OF HIS CONTRACT.

BETWEEN THE HOURS OF SUNSET AND SUNRISE, THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING TWO FLARES OR RED LANTERNS AT EACH BARRICADE, "ROAD CLOSED" SIGN, OBSTRUCTION OR AT SUCH OTHER POINTS AS ARE NECESSARY TO PROTECT THE TRAVELING PUBLIC.

ALL SIGNS SHALL BE REFLECTORIZED EXCEPT THOSE TEMPORARY SIGNS THAT ARE USED ONLY DURING DAYLIGHT HOURS. DRAWINGS SHOWING SIZES OF SIGNS, LETTERS AND NUMERALS ARE DETAILED HEREON. ALL SIGNS SHALL HAVE BLACK LETTERS OR NUMERALS ON A WHITE BACKGROUND EXCEPT THE "ROAD WORK" (W-26), "BEGIN CONSTRUCTION - 800 FT." (C-9) AND "DETOUR" (C-5) SIGNS WHICH SHALL HAVE A YELLOW BACKGROUND.

THE "ROAD CONSTRUCTION - TRAFFIC MAINTAINED" (C-7) SIGN SHALL BE MOUNTED ON A BARRICADE ON EACH SIDE OF THE INTERSECTION FACING TRAFFIC AT ALL IMPORTANT ROAD INTERSECTIONS. ON MAJOR ROUTES BEING CONSTRUCTED, THE BARRICADE SHALL BE ON BOTH SIDES OF THE ROAD AT THE EXTREME LIMITS OF THE PROJECT BUT THE SIGN MAY BE OMITTED ON THE BARRICADE ON THE LEFT SIDE OF ROAD FACING TRAFFIC. THE "END OF CONSTRUCTION" (C-8) SIGN MAY BE PLACED ON THE BACK OF THIS BARRICADE INSTEAD OF ON A POST.

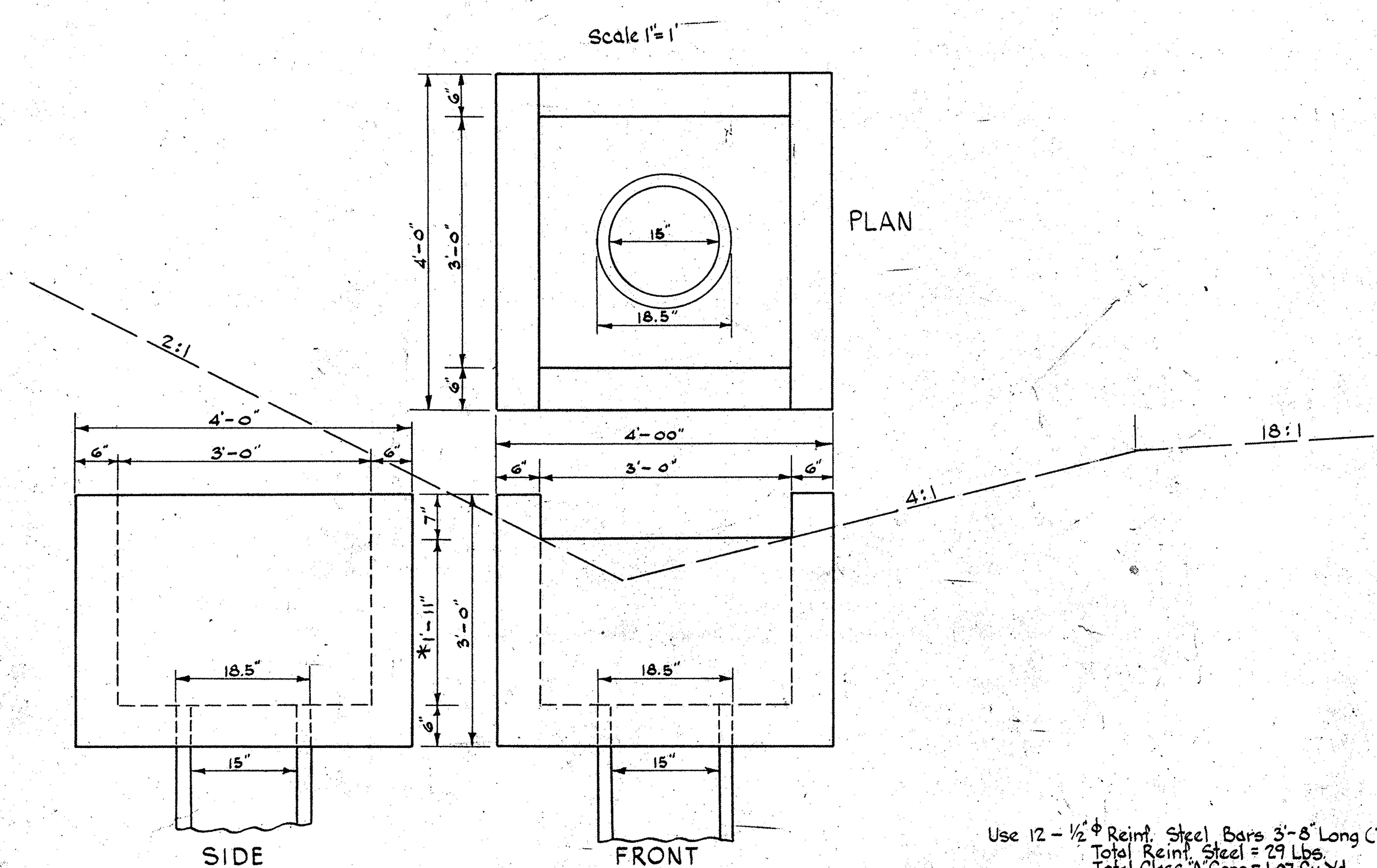
WHEN A BRIDGE IS UNDER CONSTRUCTION AND TRAFFIC IS MAINTAINED, THE WORD "BRIDGE" SHALL BE SUBSTITUTED FOR "ROAD" ON THE "ROAD CONSTRUCTION - TRAFFIC MAINTAINED" SIGN AND THE SIGN ERECTED IN A LIKE MANNER.

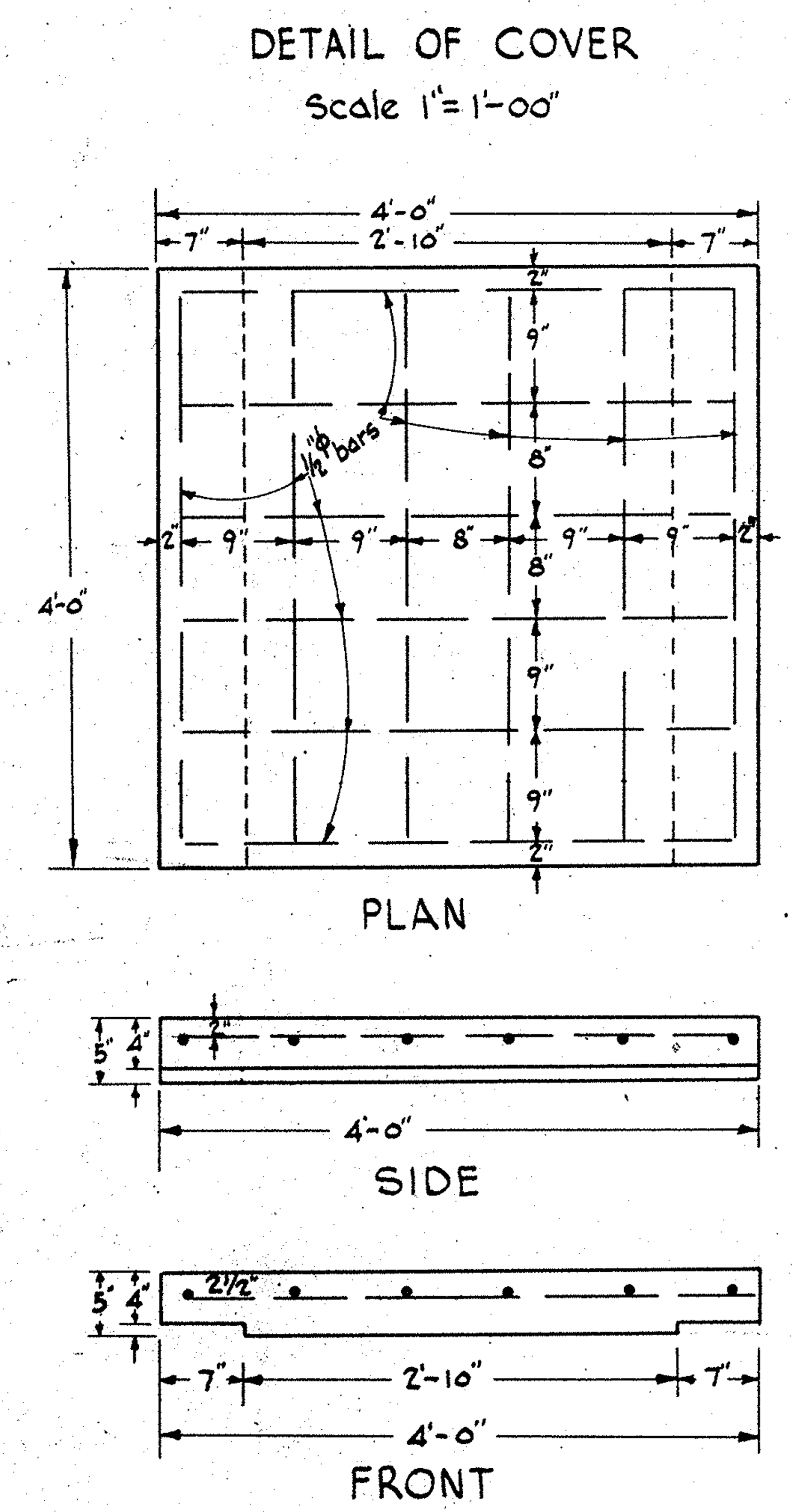
DETAILS
SHOWING
STANDARD SIGNS, BARRIERS, LIGHTS, AND BARRICADES TO BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR WHERE APPLICABLE ON ALL ROAD OR BRIDGE CONTRACTS

APPROVED S. N. Pearman — DATE 2/4/53
STATE HIGHWAY ENGINEER


DROP INLET AND CASTING STANDARD
24" X 24" GRATE
24" X 36" GRATE
SECTION THRU 'B'-'B'
SECTION THRU 'B'-'B'
PLAN OF CAST IRON FRAME WITH GRATE IN PLACE
APPROXIMATE WEIGHTS {FRAME 205 LBS. GRATE 165 LBS.} TOTAL = 370 LBS.
PLAN OF CAST IRON FRAME WITH GRATE IN PLACE
APPROXIMATE WEIGHTS {FRAME 287 LBS. GRATE 238 LBS.} TOTAL = 525 LBS.
Note: The Drop Inlet will be constructed so that the longest dimension will be parallel to the center line of the road way where practicable.
Note: As shown by this drawing the Frame is set level, but the Engineer may set same on slope as required by local drainage conditions. After the Frame is set in its final position, it is to be encased with concrete as shown by drawing.
Grade Line of Ditch or Drain
23½" Min. for 24"x24" Grate
35½" Min. for 36"x24" Grate
Opening in wall approximately 4"
SECTION THRU BASIN WITH CASTING IN PLACE
SCALE: ⅛" = 1 Inch
Pourous Bed of Stone 4 ft. long, 1 ft. wide (For subgrade drain)
VARIABLE
6" Class "A" Concrete or 8" Brick
½"⌀ Reinf. Bars
2" Minimum
Size of Pipe Variable
Note: The Floor of Basin must slope in the direction of the Outlet Pipe as shown and the inside of Outlet Pipe shall be flush with Floor of Basin.
SECTION THRU A'-A'
SECTION THRU "A"-"A"
Note: For the construction of BASIN, BRICK MASONRY or Class "A" CONC. may be used. In case of concrete, the walls are to be 6" thick and floor 4" thick. For brick, the walls are to be 8" thick and floor 4" thick.
Where walls are constructed with concrete, reinforcement will not be required if basin is constructed in clay soil.
Reinforcing to consist of ½" ⌀ bars as shown.
Plan for Class "A" Conc.
Walls 6" Thick
Floor 4" Thick
PLAN OF BASIN Showing ARRANGEMEN OF STEEL
No Scale
STANDARD DESIGN FOR DROP INLET & CASTING
S.C. STATE HIGHWAY DEPT.
COLUMBIA
APPROVED
State Highway Engineer
Date
Designed by R. B. Stork
Drawn by Carl W. Metz
Checked by T. J. Hendley
DRAWING
E-9

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJ. NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	11.352	I-301-2(10)	29	7	210





Use 12 – ½" Φ Reinf. Steel Bars 3'-8" Long (In Cover)
Total Reinf. Steel = 29 Lbs.
Total Class "A" Conc. = 1.07 Cu. Yd.

NOTES :—

The quantity of Concrete shown above is calculated for minimum depth of Catch Basin as shown in the drawings and allowances made for one line of 15" R.C. Pipe.

For construction of catch basin either brick masonry or Class "A" Concrete may be used. In case of Concrete, the walls and floor are to be 6" thick as shown in the drawings. (See Section 71 of the Standard Specifications). For Brick, the walls are to be 8" thick and the floor 4" thick (See Section 95 of the Standard Specifications).

*This distance may be decreased wherever the headroom is limited on account of the elevation of cross line pipe.

STANDARD DESIGN
OF
CATCH BASIN
TYPE 9

S.C. STATE HIGHWAY DEPT.
COLUMBIA, S.C.

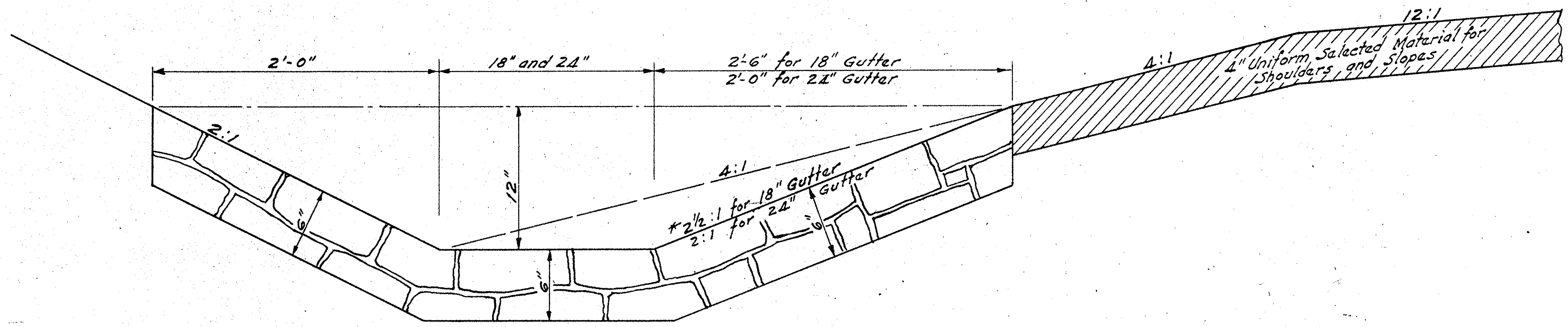
DRAWING A-53

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	FED. AID PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	11.352	I-301-2(10)	29	8	210

S.C. STATE HIGHWAY DEPT.
COLUMBIA, S.C.

STANDARD DESIGN
FOR
PORTLAND CEMENT CONCRETE GUTTER
AND
CEMENT RUBBLE MASONRY GUTTER

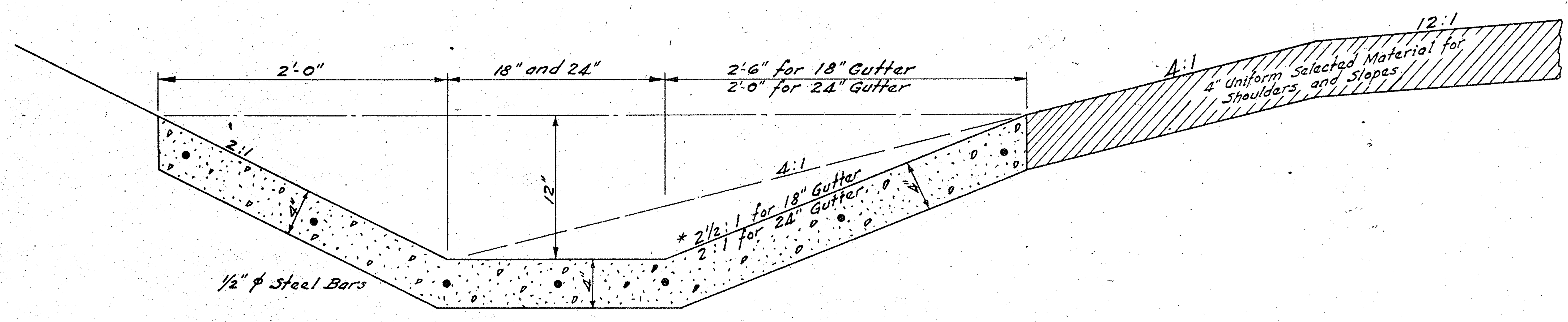
SCALE:- 2" = 1'-0"



Section thru Cement Rubble Masonry
Alternate No. 2.

Area = { 18" = 3.21 □', 24" = 3.24 □' }

* This slope to be 2:1 where Gutter is constructed in Median Strip



Section thru Concrete
Alternate No. 1

Area = { 18" = 2.14 □', 24" 2.16 □' }

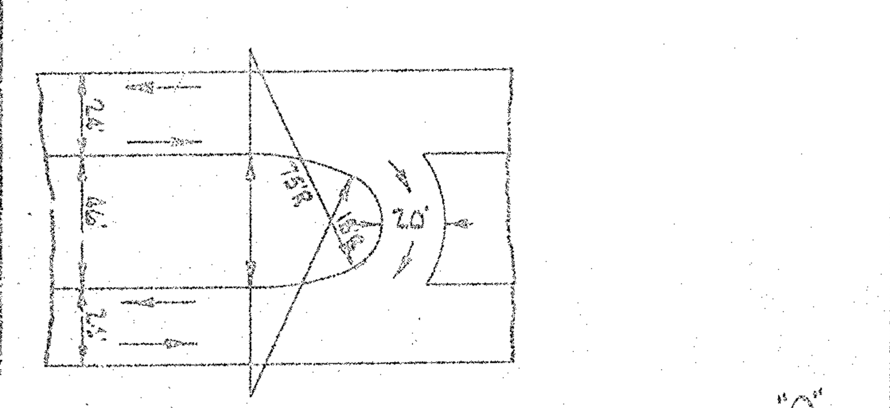
Note: Where the back slope of the roadway ditch is other than 2:1 the position of the gutter should be shifted to fit the back of the gutter to the back slope of the roadway ditch.
Expansion Joints to be 1" thick and shall be placed every 40 feet.
Weep Holes to be placed where directed by the Engineer.

SUMMARY OF GUTTER

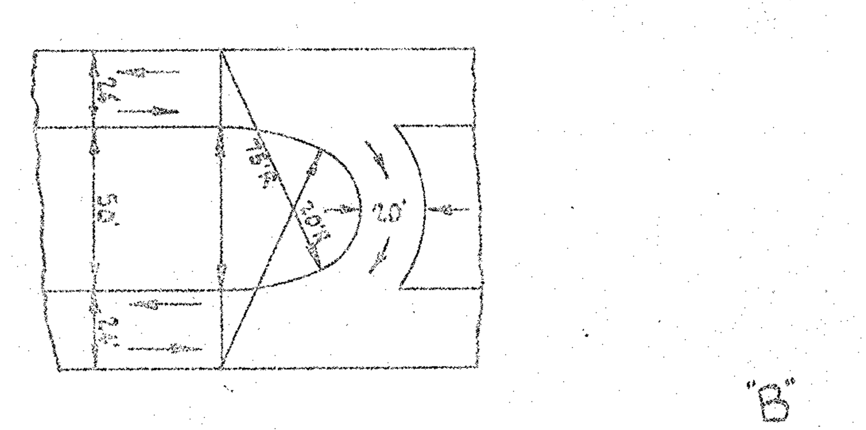
STATION	TO STATION	LENGTH	SIDE	WIDTH OF BOTTOM

Fed. Road Div. No.	State	County	Dkt. No	Fed. Aid Project No.	Route No.	Sheet No.	Total Sheets
3	S.C.	Cherokee	11.352	I-301-2(10)	29	9	210

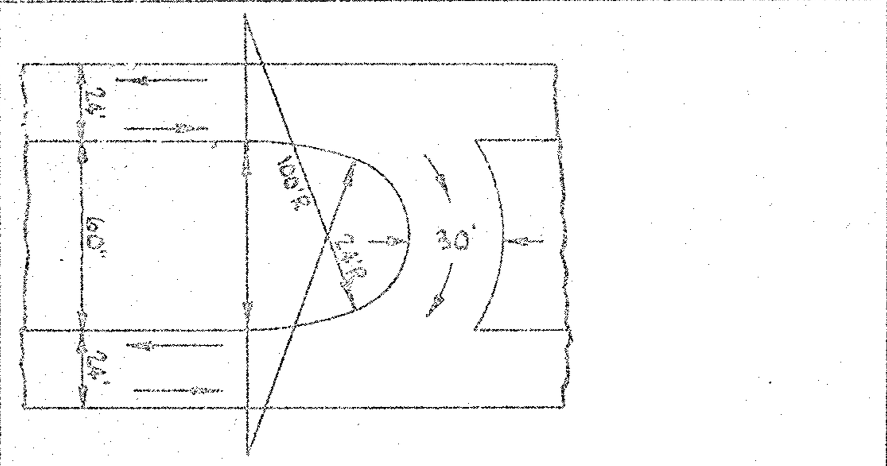
Design For U-Turn



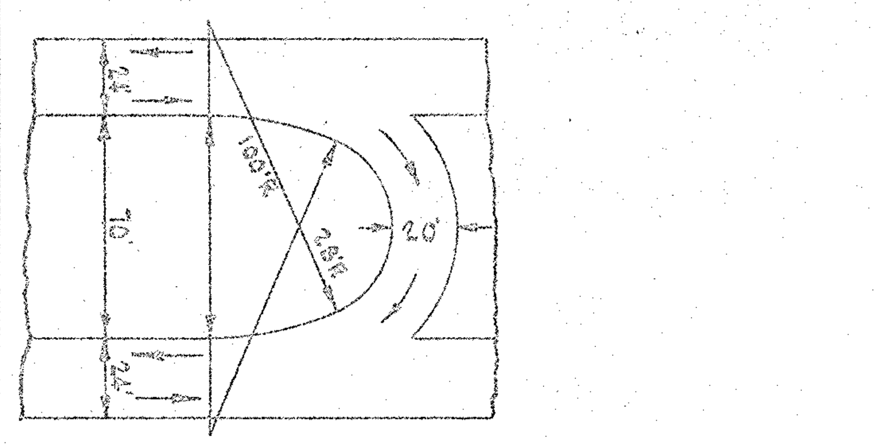
"A"



"B"



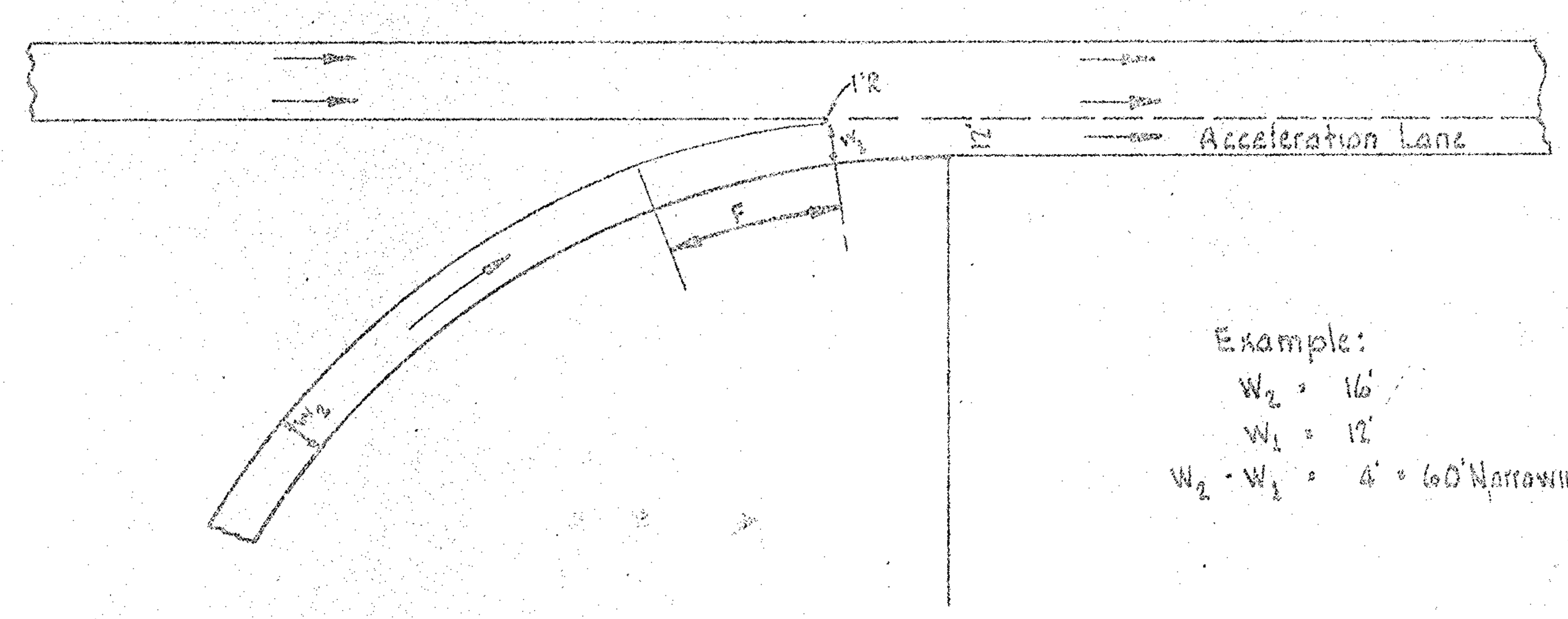
"C"



"D"

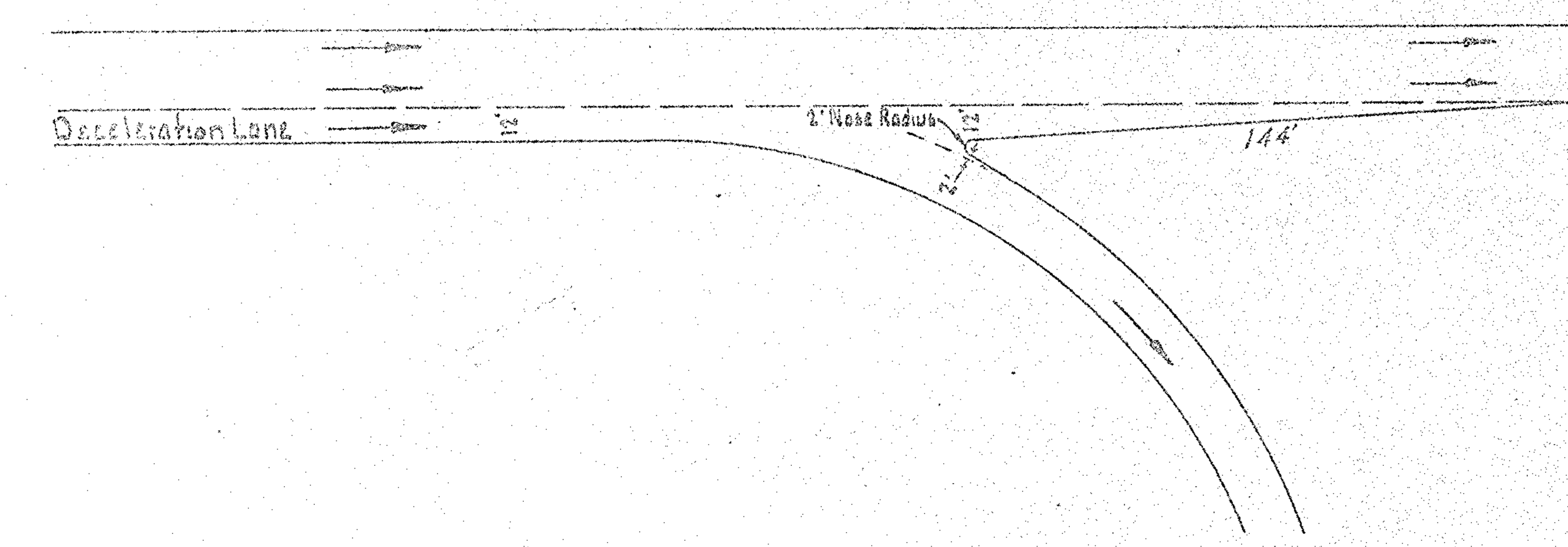
Design For Entrance Terminal (Acceleration Lane)

$W_2 - W_1$ Ramp Width reduction in feet	4	6	8	10	12
F - Length of Pavt. Narrowing in feet.	60	90	120	150	180



Example:
$W_2 = 16'$
$W_1 = 12'$
$W_2 - W_1 = 4' = 60'$ Narrowing Pavt

Design For Exit Terminal (Deceleration Lane)



Acceleration Lane Lengths (60 M.P.H)

Grades of 2.50% or Less Use Table No. 1
Upgrades " " 2.50% to 4.50% " " " " x Ratio in Table No. 2
" " 4.50% " 6.00% " " " " " " " " " 3
Downgrades " " 2.50% " 4.50% " " " " " " " " " 4
" " 4.50% " 6.00% " " " " " " " " " 5

Radius	M.P.H. on Leg	Table No. 1 Grades of 2.50% or Less	Table No. 2 2.50% - 4.50% Upgrade	Table No. 3 4.50% - 6.00 Upgrade	Table No. 4 2.50% - 4.50% Downgrade	Table No. 5 4.50% to 6.00% Downgrade
90	20.0	225' Taper - 475' 12' Lane - 700 Total	1.40	1.70	0.60	0.50
100	20.8	" " 458' " - 683 "	1.408	1.717		
110	21.7	" " 442 " 667 "	1.417	1.733		
120	22.5	" " 425 " 650 "	1.425	1.750		
130	23.3	" " 408 " 633 "	1.433	1.767		
140	24.2	" " 392 " 617 "	1.442	1.783		
150	25.0	" " 375 " 600 "	1.450	1.800		
230	30.0	" " 275 " 500 "	1.500	1.900		
310	35.0	" " 175 " 400 "	1.500	2.050		
430	40.0	" " 25 " 250 "	1.500	2.200	0.60	0.50

Deceleration Lane Lengths (60 M.P.H)

Grades of 2.50% or Less Use Table No. 1
Upgrades " " 2.50% to 4.50% " " " " x Ratio in Table No. 2
" " 4.50% " 6.00% " " " " " " " " " 3
Downgrades " " 2.50% " 4.50% " " " " " " " " " 4
" " 4.50% " 6.00% " " " " " " " " " 5

Radius	M.P.H. on Leg	Table No. 1 Grades of 2.50% or Less	Table No. 2 2.50% - 4.50% Upgrade	Table No. 3 4.50% - 6.00% Upgrade	Table No. 4 2.50% - 4.50% Downgrade	Table No. 5 4.50% - 6.00% Downgrade
90	20.0	225' Taper - 175' 12' Lane = 400' Total	0.9	0.8	1.20	1.35
100	20.8	" " 167' " " = 392' "				
110	21.7	" " 158' " " = 383' "				
120	22.5	" " 150' " " = 375' "				
130	23.3	" " 142' " " = 367' "				
140	24.2	" " 133' " " = 358' "				
150	25.0	" " 125' " " = 350' "				
230	30.0	" " 125' " " = 350' "				
310	35.0	" " 75 " " = 300' "				
430	40.0	" " 25 " " = 250' "	0.9	0.8	1.20	1.35

Design Widths of Pavement For Ramps

Radius on inner edge of Pavement. Feet	Pavement width in feet for: 1 Lane one-way operation no provision for passing			1 Lane one way operation with provision for passing			2 Lane operation - either one way or two way		
	† Design Traffic Condition A	B	C	A	B	C	A	B	C
50	16	17	20	21	24	27	30	33	37
75	15	16	18	20	22	25	28	31	34
100	14	16	17	19	21	24	27	30	33
150	13	15	16	18	20	23	26	29	31
200	13	15	16	18	20	22	26	28	29
300	12	15	15	17	19	21	25	27	28
400	12	14	15	17	19	21	25	27	28
500	12	14	15	17	19	21	25	27	27
Tangent	12	14	14	16	18	20	22	24	24

	Width modification regarding edge of pavement treatment:		
No stabilized shoulder	None	None	None
Mountable Curb	None	None	None
Barrier Curb: one side / two sides	add 1' / add 2'	None / add 1'	add 1' / add 2'
Stabilized shoulder, one or both sides	None	Deduct shoulder width; minimum pavement width as under case I	Deduct 2' where shoulder is 4' or wider.

† Design Traffic Condition

A - Predominantly P vehicles but some consideration for SU Trucks.

B - Sufficient SU vehicles to govern design but some consideration for semitrailer vehicles.

C - Sufficient semitrailer C43 or C50 vehicles to govern design

Superelevation

Radius feet	Degree of curve (rounded)	Range in superelevation rate (foot for foot) for intersection curves with design speed, m.p.h, of: 15	20	25	30	35	40
50	—	.02-.12	—	—	—	—	—
90	64		.02-.12	—	—	—	—
150	38			.04-.12	—	—	—
230	25				.06-.12	—	—
310	18					.08-.12	—
430	13						.09-.12
600	10						.07-.09
1000	6						.05-.06
1500	4						.04-.05
2000	3						.03-.04
3000	2						.02-.03

Note: Preferably use superelevation rate in upper third of indicated range.

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	CHEROKEE	11.352	I-301-2(10)	~~29~~ I-85 5-669 5-657	10	210

PLATE 1 - PLAN - PROFILE O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

CHEROKEE 29
(20)

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	85	11	210

CHEROKEE
29

(21)

CHEROKEE
29
22

PLATE 1 - PLAN-PROFILE O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

CHEROKEE CO.
29

(23)

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	14	210

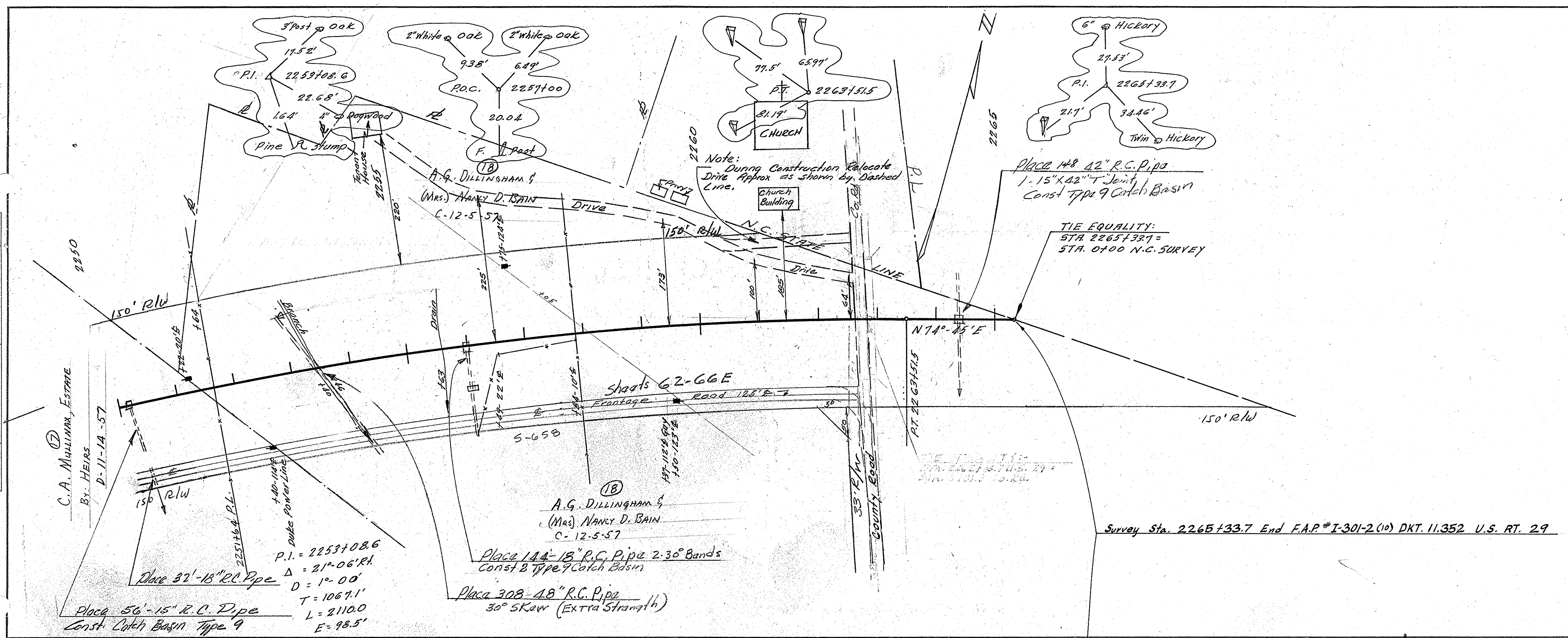
Cherokee R-1-2 (24)

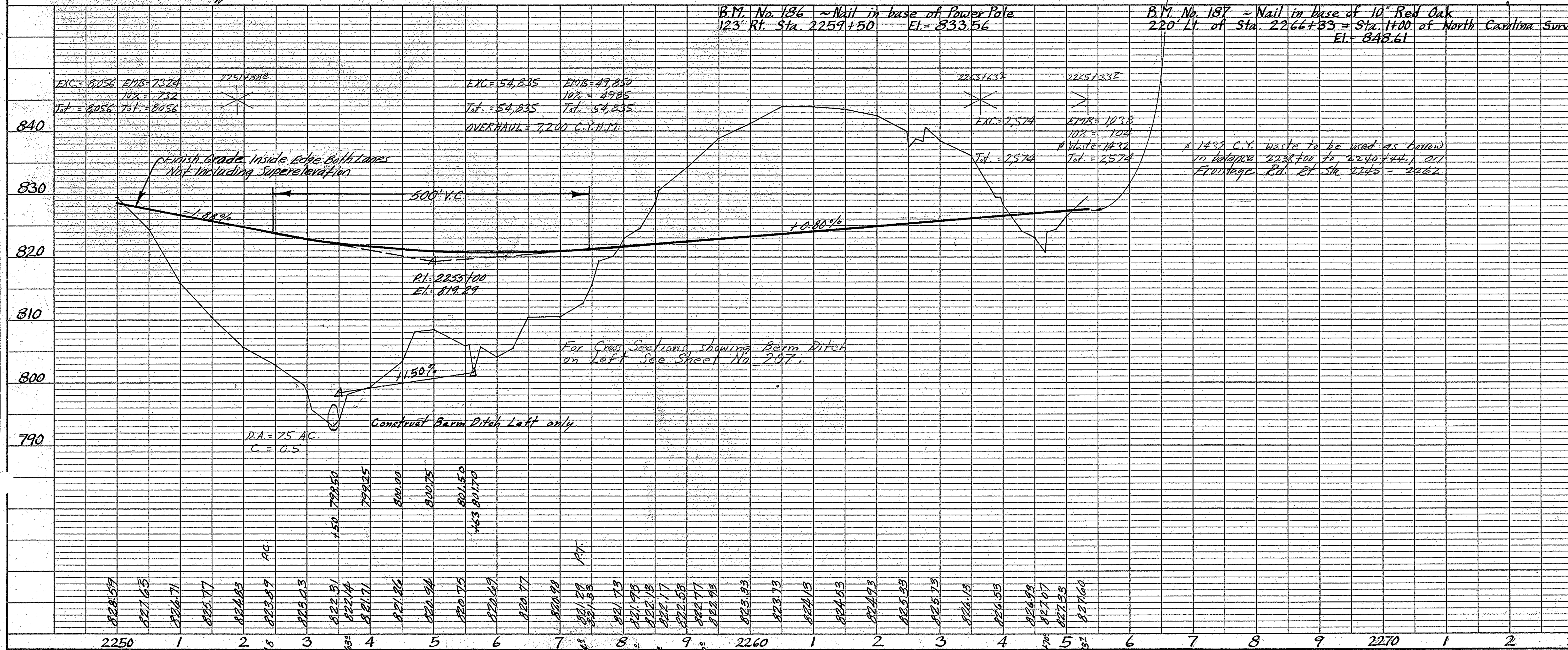
PLATE 1 - PLAN - PROFILE O.P.R.&R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	15	210

Cherokee Co.
Rt. 29
(25)

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	16	210





SOUTH CAROLINA STATE HIGHWAY DEPARTMENT

INTERSTATE CONNECTION

S.C. DOCKET NO. 11.352 INTERSTATE ROUTE NO. I-301 CHEROKEE COUNTY	N.C. PROJECT NO. INTERSTATE ROUTE NO. CLEVELAND COUNTY
FOR S.C. HIGHWAY DEPT. DATE	FOR N.C. HIGHWAY COMMISSION DATE
C. R. McMillan 9-16-57 CHIEF HIGHWAY COMMISSIONER	W. S. Babcock ~~CHAIRMAN~~ Director
S. N. Pearman STATE HIGHWAY ENGINEER	W. H. Rogers, Jr. ~~STATE HIGHWAY ENGINEER~~ Chief

See General File for Signatures

PLATE 1 - PLAN - PROFILE O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

Cherokee
Rd. 29
(26)

FED. ROAD DIV. NO.	STATE	COUNTY	Docket No.	Project No.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	11.352	I-301-2(10)	29	17	210

DETAIL OF INTERSECTION
U.S. RT. 29 & ROAD 99
SCALE 1"=100'

Proj. I-301-2 (10)
Dkt. 11.352

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(14)	29	18	210

See Sheets 21 thru 27 for X Sections

Line 1 Road 99 int See layout sheet 17

PLAN		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

PROFILE		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	GRADES CHECKED		
	B. M.'s NOTED		
	STRUCTURE NOTATN'S CH'KD		

LINE "1"

US Rd 29 & Road 99 Line 1

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	19	210

Line 2 Road 99 int See layout sheet 17
X Sections See Sheets 28-33

PLAN		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	ALIGNMENT CHECKED		
NO.	RT. OF WAY CHECKED		

PROFILE		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	GRADES CHECKED		
	B. M. NOTED		
NO.	STRUCTURE NOTAT'NS CH'K'D		

LINE "2"

Cherokee Co.
Rt. 29 & Rd. 99
Line 2

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	20	210

Line 3 Rt 99 Int.
See Sheets 35 thru 41

Line 4 Rd 99 Int.
See Sheets 41-A & 42

PLAN — NOTE BOOK / NO. — SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED — BY — DATE

PROFILE — NOTE BOOK / NO. — SURVEYED / PLOTTED / GRADES CHECKED / B. M.'s NOTED / STRUCTURE NOTAT'NS CH'KD. — BY — DATE

Cherokee Co. Rt. 29 & Rd. 99 Inter. Lines 3 & 4

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(1)	29	21	210

Cherokee Co.
Rt. 29 & Rd. 99 Inter.
Line 1

Ground Surface Plotted by ......
" " Checked by ......
Template Sections Platted by ......
" " Checked by ......
Areas by ......
" Checked by ......
Template Sections Revised by ......
" " Checked by ......
Final Areas by ......
" " Checked by ......
Quantities Transferred and Inked by ......

(1)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	22	210

Cherokee Co.
Rt. 29 & Rd. 99 Int.
Line 1

Ground Surface [illegible]ted by JG
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

2

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(1)	29	23	210

See Sheet 18

Line 1 - Rt. 29 & Rd. 99 Int.

Cherokee Co.
Rt. 29 & Rd. 99 Int.
Line 1

Ground Surface ... d by ...
" " Checked by ...
Template Sections Platted by ...
" " Checked by ...
Areas by ...
" Checked by ...
Template Sections Revised by ...
" " Checked by ...
Final Areas by ...
" " Checked by ...
Quantities Transferred and Inked by ...

(3)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	24	210

See Sheet 18
Line 1-Rt. 29 & Rd. 99 Int.

Cherokee Co.
Rt. 29 & Rd. 99 Int.
Line 1

Ground Surface Platted by JR
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(4)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11,352	I-301-2(4)	29	25	210

see sheet 18

Line 1 - Rt. 29 & Rd. 99 Int.

Cherokee Co.
Rt. 29 & Rd. 99 Int.
Line 1

Ground Surface Plotted by JC
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

5

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	26	210

Cherokee Co.
Rt. 29 & Rd. 99 Int.
Line 1

Ground Surf. Platted by J.Y.
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

6

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301(26)	29	27	210

Cherokee Co.
Rt. 29 & Rd. 99 Int.
Line 1

Ground Surface Plotted by JR
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(1)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(1)	29	28	210

Cherokee Co.
Rt. 29 & Rd. 99 Inter.
Line 2

Ground Surface Plotted by..........
" " Checked by..........
Template Sections Plotted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" Checked by..........
Quantities Transferred and Inked by..........

(1)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11,352	I-301-2(I)	29	29	210

Line 2 Rd 99 Int.
See Sheets 17 & 19

Cherokee Co.
Rt. 29 & Rd. 99 Inter.
Line 2

Ground Surface Platted by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

(2)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301(2(-)	29	30	210

Cherokee Co.
Rt. 29 & Rd. 99 Inter.
Line 2

Ground Surface Platted by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

(3)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301(26)	29	31	210

Line 2 Rd 99 Int
See Sheets 17 & 19

Cherokee Co.
Rt. 29 & Rd. 99 Inter.
Line 2

Ground Surface Platted by
" " Checked by
Template Sections Platted by
" Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(4)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(1)	29	32	210

Line 2 Rd 99 Int.
See Sheets 17 & 19

Cherokee Co.
Rt. 29 & Rd. 99 Inter.
Line 2

Ground Surface Plotted by.........
" " Checked by.........
Template Sections Platted by.........
" " Checked by.........
Areas by.........
" Checked by.........
Template Sections Revised by.........
" " Checked by.........
Final Areas by.........
" " Checked by.........
Quantities Transferred and Inked by.........

(5)

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(1)	29	33	210

CROSS SECTIONS

Scale 1 inch = 5 feet

Cherokee Co.
Rt. 29 & Rd. 99 Inter.
Line 2

Ground Surface Plotted by..........
" " Checked by..........
Template Sections Plotted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

(6)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2[illegible]	29	34	210

Line 3 Rd 99 int
Sheet 17 & 20

Cherokee Co.
Rt. 29 & Rd. 99 Inter.
Line 3

Ground Surface Plotted by J.S.
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(1)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11352	I-3012(1)	29	35	210

Cherokee Co.
Rt. 29 & Rd. 99 Inter.
Line 3

Ground Surface Platted by J.Y.
" " Checked by J.
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

K+E

(2)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11,352	I-301-2(1)	29	36	210

Line 3 Rd 99 Int.
Sheet 17 of 20

Cherokee Co.
Rt. 29 & Rd. 99 Int.
Line 3

Ground Surface Plotted by.........
" " Checked by.........
Template Sections Platted by.........
" " Checked by.........
Areas by.........
" Checked by.........
Template Sections Revised by.........
" " Checked by.........
Final Areas by.........
" Checked by.........
Quantities Transferred and Inked by.........

(3)

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301(21)	29	37	210

Line 3 Rd 99 Int.
Sheet 17 & 20

Cherokee Co.
Rt. 29 & Rd. 99 Int.
Line 3

Ground Surface Plotted by
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

4

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I301-2(1)	29	38	210

Line 3 Rd 99 Int.
Sheet 17 & 20

Cherokee Co.
Rt. 29 & Rd. 99 Int.
Line 3

Ground Surface ... by ......
" " Checked by ......
Template Sections Platted by ......
" " Checked by ......
Areas by ......
" Checked by ......
Template Sections Revised by ......
" " Checked by ......
Final Areas by ......
" " Checked by ......
Quantities Transferred and Inked by ......

(5)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(6)	29	39	210

Line 3 Rd 99 Int.
Sheet 17 of 20

Cherokee Co.
Rt. 29 & Rd. 99 Int.
Line 3

Ground Surface Plotted by JT
" " Checked by
Template Sections Plotted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(6)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	[illegible]	29	40	210

Cherokee Co.
Rt. 29 & Rd. 99 Int.
Line 3

Ground Surface ...ed by ...
" " Checked by ...
T...plate Sections Platted by ...
" " Checked by ...
Areas by ...
" Checked by ...
Template Sections Revised by ...
" " Checked by ...
Final Areas by ...
" " Checked by ...
Quantities Transferred and Inked by ...

(7)

℄

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11,352	I-30(2)(B)	29	41	210

Line 3 Rd 99 Int.
Sheet 17 of 20

Survey Sta. 20+00 End
Line 3 Rt. 29 & Rd. 99 Int.

Cherokee Co.
Rt. 29 & Rd 99 Int.
Line 3

Ground Surface Plotted by
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(8)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(1)	29	41-A	210

Cherokee Co
RT 29 Rd 99 Interchange
Line #4

Ground Surface Platted by BD
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

K+E BANKNOTE

1

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(1)	29	42	210

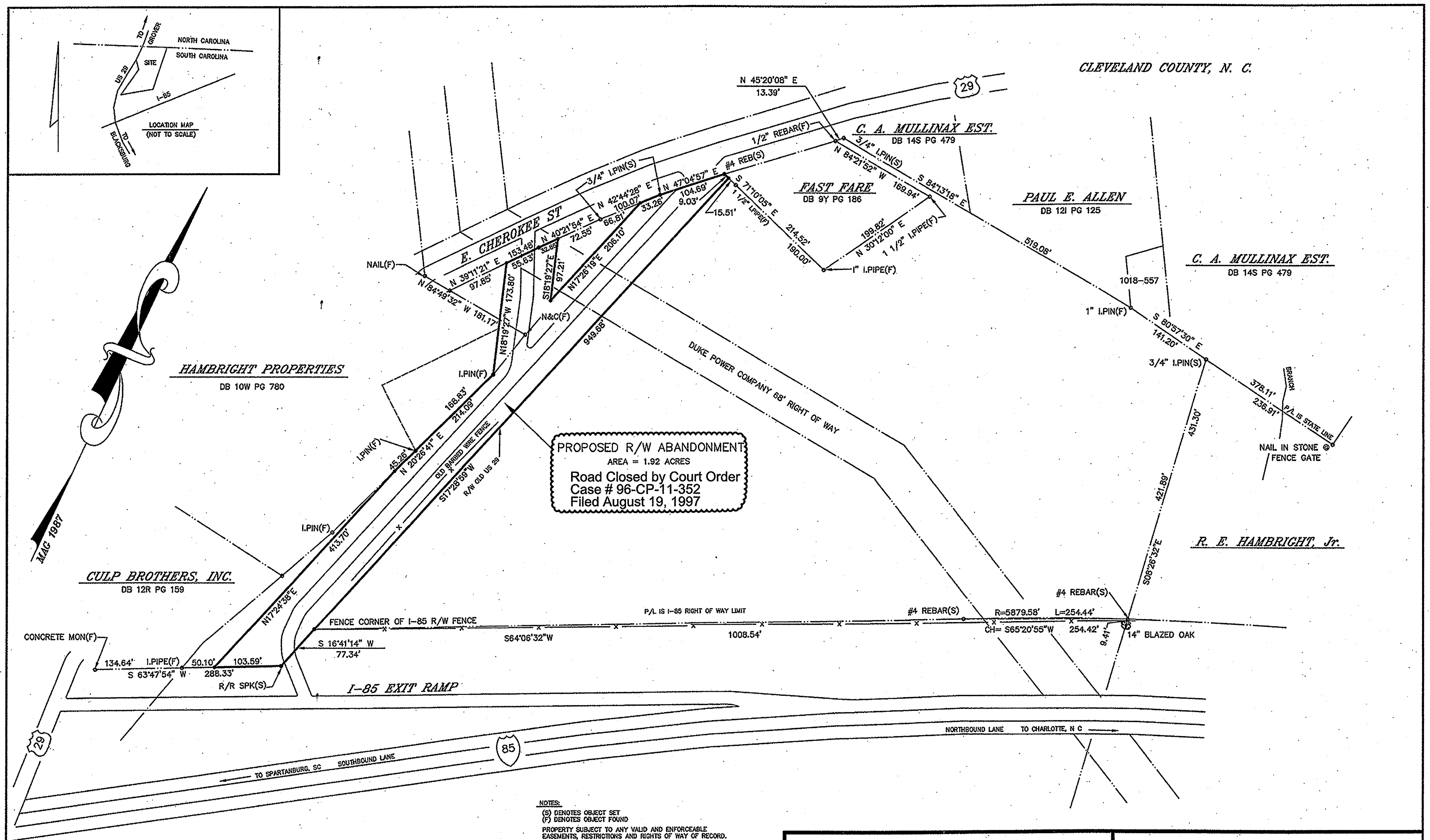
Cherokee Co
Rt 29-Road 99 Interchange
Line #4

Ground Surface Plotted by SD
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(2)

FED. ROAD DIV. NO.	STATE	COUNTY	Docket No.	Project No.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	11352	I-301-2(10)	29	43	210

DETAIL OF INTERSECTION
U.S. ~~RT. 29~~ I-85 & ALT. RT. 29
SCALE 1" = 100'



NOTES:
(S) DENOTES OBJECT SET
(F) DENOTES OBJECT FOUND
PROPERTY SUBJECT TO ANY VALID AND ENFORCEABLE EASEMENTS, RESTRICTIONS AND RIGHTS OF WAY OF RECORD.
o POINT – NO MONUMENT
THE PURPOSE OF THIS MAP IS FOR THE ABANDONMENT OF THE R/W OF OLD U.S. 29 AS SHOWN.

GRAPHIC SCALE
(IN FEET)
1 inch = 100 ft.

I HEREBY STATE THAT TO THE BEST OF MY KNOWLEDGE, INFORMATION, AND BELIEF, THE SURVEY SHOWN HEREON WAS MADE IN ACCORDANCE WITH THE REQUIREMENTS OF THE MINIMUM STANDARDS MANUAL FOR THE PRACTICE OF LAND SURVEYING IN SOUTH CAROLINA, AND MEETS OR EXCEEDS THE REQUIREMENTS FOR A CLASS A SURVEY AS SPECIFIED THEREIN, DEED DESCRIPTION RECORDED IN BOOK 130, PAGE 60.

TED M. BEVERLY, P.L.S.
7623
REGISTRATION NUMBER

BOUNDARY SURVEY FOR:
JAMES NORMAN

TOWNSHIP:	CHEROKEE	TAX I.D.:	211 00 00 005.2
COUNTY:	CHEROKEE	STATE:	SOUTH CAROLINA
DATE:	AUGUST 14, 1992	JOB NO.:	692103

REVISIONS

DATE	DESCRIPTION

COPY
CBS SURVEYING & MAPPING, INC.
864-489-5068

FOR RIGHT OF WAY INFORMATION ONLY
FOR RIGHT OF WAY INFORMATION ONLY
FOR RIGHT OF WAY INFORMATION ONLY

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(4)	29	44	210

Line 1 Rt 29 & Rt 29 int.
See Sheets 48 thru 52

PLAN
NOTE BOOK / NO.
SURVEYED. / PLOTTED. / ALIGNMENT CHECKED. / RT. OF WAY CHECKED.
BY / DATE

PROFILE
NOTE BOOK / NO.
SURVEYED. / PLOTTED. / GRADES CHECKED. / B. M.s NOTED. / STRUCTURE NOTATIONS CH'KD.
BY / DATE

PLATE 1 - PLAN - PROFILE O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

Rt. 29 & 29A
Line 1

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	45	210

For X-Sections See Sheets 54 thru 56
Line 2-A—Rt. 29 & 29-A Int.

PLAN
NOTE BOOK — SURVEYED — PLOTTED — ALIGNMENT CHECKED — RT. OF WAY CHECKED — NO. — BY — DATE

PROFILE
NOTE BOOK — SURVEYED — PLOTTED — GRADES CHECKED — B. M.s NOTED — STRUCTURE NOTATIONS CH'KD — NO. — BY — DATE

Cherokee Co.
Rt. 29 & Alt. 29
Line 2A

1

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	46	210

Line 3-A – Rt. 29 & 29A Int.

See Sheet Nos. 57 thru 59

PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
B. M.s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

Cherokee Co.
US 29 & Alt. 29
Line 3A.
①

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(1)	29	47	210

Line 4 - Rt. 29 & 29-A Int.
See Sheet Nos. 60 thru 61

PLAN		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	ALIGNMENT CHECKED		
NO.	RT. OF WAY CHECKED		

PROFILE		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	GRADES CHECKED		
	B. M. NOTED		
NO.	STRUCTURE NOTAT'NS CH'K'D		

U.S. Rt. 29 & Alt. 29
Line 4

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11,352	7-301-2(1)	29	48	210

Cherokee

Line #1

Rt. 29 & Alt. 29

Ground Surface ... by BD
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(1)

℄

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11352	J-301-2(b)	29	49	210

Cherokee Co
Line #1
Rt. 29 & H.H. 29

Ground Surface [illegible] by SD
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

K&E

(2)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	F-301-2(1?)	29	50	210

Cherokee Co
Line #1
Rt. 29 & Alt. 29

Ground Surface [?]d by BD
" " Checked by
[Tem]plate Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(3)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(1)	29	51	210

Cherokee Co
Line #1.
Rt. 29 & Alt. 29

Ground Surface [illegible] by BD
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(4)

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	J-301-2(1)	29	52	210

Cherokee
Line #1
Rt. 29 & Alt. 29

Ground Surface [illegible]d by RD
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(5)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(4)	29	53	210

Line 1 - Rt. 29 & 29-A Int.

Sheets 43 & 44

Cherokee
Line #1
Rt. 29 & Alt. 29

Ground Surface [illegible]ed by BD
" " Checked by
[illegible]nplate Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(6)

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(1)	29	54	210

Relocation US 29 & 29 A
Line 2A

Ground Surface Platted by BD
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

1

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(1)	29	55	210

Relocation US 29 & 29 D.
Line 2A.

Ground Surface ... by BD
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" Checked by
Quantities Transferred and Inked by

K+E

(2)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-30-2(6)	29	56	210

Relocation U.S. 29 & 29A
Line #2

Ground Surface Plotted by JD
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

K+E

(3)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(1)	29	57	210

Line 3A
Relocation Rd 29 & 99

Ground Surface ... by............
" " Checked by............
Template Sections Platted by............
" " Checked by............
Areas by............
" Checked by............
Template Sections Revised by............
" " Checked by............
Final Areas by............
" " Checked by............
Quantities Transferred and Inked by............

K+E

(1)

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	58	210

Relocation
Line 3A Rt 29 & 99

Ground Surface Plotted by
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

K+E

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11352	I-301-2(3)	29	59	210

Line 3-A - Rt. 29 & 29-A Int.

Sheets 43 & 46

Relocation
Line 3A Rt. 29 & 79

Ground Surface ______ by
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

K+E

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(b)	29	60	210

Line 4 - Rt. 29 & 29-A Int.

Sheets 43 & 47

Cherokee Co
Line #4
Rt. 29 & Alt. 29

Ground Surface [illegible]d by BD
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(1)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	60-A	210

Line 4 - Rt. 29 & 29-A Int

Sheets 43 & 47

Cherokee Co
Line #4

Rt. 29 & Alt. 29

Ground Surface ...ed by BD
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

2.

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	61	210

Line 4 - Rt. 29 & 29-A Int.
Sheets 43 & 47

See Main Line Sections
Sta. 2244+00 to 2249+50

Cherokee Co
Line #4
Rt. 29 & Alt. 29

Ground Surface Platted by BD
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(3)

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11,352	I-301-2(10)	29	62	210

Frontage Road Rt.

Shaats 15 & 16

PLAN		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	ALIGNMENT CHECKED		
NO.	RT. OF WAY CHECKED		

Profile is 125' Rt ℄

PROFILE		BY	DATE
NOTE BOOK	SURVEYED		
	PLOTTED		
	GRADES CHECKED		
	B. M.s NOTED		
NO.	STRUCTURE NOTATNS CH'KD		

Frontage Road Rt. Rt 29 Cherokee Co.

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11,352	I-301-2(10)	29	63	210

Frontage Road Rt.
Sheets 15 & 16

PLAN		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

PROFILE		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	GRADES CHECKED		
	B. M.'s NOTED		
	STRUCTURE NOTATNS.CH'KD		

Profile 125' Rt ℄

Frontage Road
Right
Rt 29
Cherokee Co

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11,352	I-301-2(10)	29	64	210

Frontage Rd. Rt.

Sheets 62 & 68

Ground Surface Platted by.....
" " Checked by.....
Template Sections Platted by.....
" " Checked by.....
Areas by.....
" Checked by.....
Template Sections Revised by.....
" " Checked by.....
Final Areas by.....
" " Checked by.....
Quantities Transferred and Inked by.....

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	65	210

Frontage Road Rt.

Sheets 62 & 63

Ground Surface Platted by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	1-301-2-(10)	29	66	210

Ground Surface ... ted by..................
" " Checked by..................
Template Sections Platted by..................
" " Checked by..................
Areas by..................
Checked by..................
Template Sections Revised by..................
" " Checked by..................
Final Areas by..................
" " Checked by..................
Quantities Transferred and Inked by..................

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11352	I-301-2(10)	29	66A	210

Frontage Road Rt.
Sheets 62 & 68

Cherokee Co.
Rt. 29 Frontage Rd.
Right

Ground Surface Plotted by........
" " Checked by........
Template Sections Platted by........
" " Checked by........
Areas by........
" Checked by........
Template Sections Revised by........
" " Checked by........
Final Areas by........
" " Checked by........
Quantities Transferred and Inked by........

(1)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11352	I-301-2(10)	29	66-B	210

Cherokee Co.
Rt. 29. Frontage Rd.
Right

Ground Surface ... by ...
" " Checked by ...
Template Sections Platted by ...
" " Checked by ...
Areas by ...
Checked by ...
Template Sections Revised by ...
" " Checked by ...
Final Areas by ...
" " Checked by ...
Quantities Transferred and Inked by ...

(2)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-30-2(10)	29	66-C	210

Frontage Road Rt.

Shoots 62 & 63

Cherokee Co.
Rt. 29 Frontage Rd.
Right

Ground Surface ... by.........
" " Checked by.........
Template Sections Platted by.........
" " Checked by.........
Areas by.........
" Checked by.........
Template Sections Revised by.........
" " Checked by.........
Final Areas by.........
" " Checked by.........
Quantities Transferred and Inked by.........

(3)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(16)	29	66 D	210

Cherokee Co.
Rt29. Frontage Rd.
Right

Ground Surface Plotted by........
" " Checked by........
Template Sections Platted by........
" " Checked by........
Areas by........
" Checked by........
Template Sections Revised by........
" " Checked by........
Final Areas by........
" Checked by........
Quantities Transferred and Inked by........

(4)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	66 E	210

Cherokee Co.
Rt. 29 Frontage Rd.
Right

Ground Surface Platted by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

(5)

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	67	210

Frontage Rd. (Right)

Sheets 10-1

PLAN		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	ALIGNMENT CHECKED		
	RT. OF WAY CHECKED		

PROFILE		BY	DATE
NOTE BOOK	SURVEYED		
NO.	PLOTTED		
	GRADES CHECKED		
	B. M.s NOTED		
	STRUCTURE NOTAT'NS CH'KD		

PLATE 1 - PLAN - PROFILE O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

Cherokee Co.
Rt. 29
Frontage Rd. (Rt.)
125 Rt.

(1)

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-351-2(16)	29	68	210

Frontage Rd. (Right)

Sheets 10-12

PLAN
NOTE BOOK
NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

PROFILE
NOTE BOOK
NO.
SURVEYED
PLOTTED
GRADES CHECKED
B. M.s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

Cherokee Co.
Rt. 29
Frontage Rd. (Rt.)
125Rt
(2)

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	69	210

Frontage Rd. (Right)
Sheets 10-12

PLAN	
NOTE BOOK	SURVEYED
NO.	PLOTTED
	ALIGNMENT CHECKED
	RT. OF WAY CHECKED

BY	DATE

PROFILE	
NOTE BOOK	SURVEYED
NO.	PLOTTED
	GRADES CHECKED
	B. M.'s NOTED
	STRUCTURE NOTATNS CH'KD

BY	DATE

Cherokee Co.
Rt. 29
Frontage Rd. Rt.
125' Rt.
(3)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	11.352	I-301-2(10)	29	70	210

Cherokee Co.
Frontage Rd. Right

Ground Surface Plotted by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

(1)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10) ~~301-27~~	29 ~~29~~	71	~~417~~ 210

Frontage Rd Rt

Cherokee Co
Frontage Rd Right

Ground Surface Plotted by E.S.J.
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	72	210

Cherokee Co
Frontage Rd
U.S. Rt 29 - Sta 2094 Rd #99

Ground Surface Plotted by BD
" " Checked by
Template Sections Plated by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

3

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(18)	29	73	210

Cherokee Co
Frontage Rd
U.S. Rt. 29
From Sta 2094 to 2099

Ground Surface Plotted by BD
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

K+E
2

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	74	210

Cherokee Co
Frontage Rd
U.S. Rt 29
From Sta 2094 To 2099

Ground Surfac[illegible]ted by BD
" " Checked by
[illegible]nplate Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

K&E BANKNOTE

89

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	75	210

Cherokee CO
Frontage Rd
US RT 29
From Sta 2094 To Rd 99

Ground Surface ...ed by... BV
" " Checked by...
Template Sections Platted by...
" " Checked by...
Areas by...
" Checked by...
Template Sections Revised by...
" " Checked by...
Final Areas by...
" " Checked by...
Quantities Transferred and Inked by...

K+E

(6)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	76	210

Cherokee Co
Frontage Rd
U.S. Rt 29 - Sta. 2094 - Rd 99

Ground Surface [illegible]ed by BD
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(7)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(4)	29	77	210

Cherokee Co
Frontage Rd
U.S. Rt 29
From 2094 to Rd 99

Ground Surface Plotted by BD
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" Checked by
Quantities Transferred and Inked by

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	78	210

Cherokee Co
Frontage Rd.
U.S. Rt 29
Sta 2084 to Rd 99

Ground Surface Plotted by BD
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(9)

75 100 125 150 175

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11:352	I-301-2100	29	79	210

Cherokee Co
Frontage Rd.
USRT 29 From Sta 2094 To 2199

Ground Surface [illegible]ed by ED
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" " Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

18

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(1)	29	80	210

Cherokee Co
Frontage Rd
US Rt 29 From 209+ To 2199

Ground Surface [illegible]d by	BD
" " Checked by	
T[illegible]plate Sections Platted by	
" " Checked by	
Areas by	
" Checked by	
Template Sections Revised by	
" " Checked by	
Final Areas by	
" " Checked by	
Quantities Transferred and Inked by	

11 (9)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(1)	29	81	210

Cherokee Co
Frontage US Rt 29
Sta 2094 To 2199

Ground Surface Plotted by BP
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" " Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(11)	29	82	210

Cherokee Co
Frontage Rd
US#29 Sta 2094 To Rd 99

Ground Surface [illegible]ed by BD
" " Checked by
[illegible]plate Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

B

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	F301(21A)	29	83	210

Cherokee Co
Frontage Rd
US RT 29
Sta 2034 - Rd 99

Ground Surface ... by BD
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

14

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	84	210

Cherokee Co
Frontage Rd
US RT 29 From 2049 To 2099

Ground Surface [illegible]d by BD
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(15)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	85	210

Cherokee Co
U.S. Rt 29 Frontage Rd
Sta 2094 to Rd 99

Ground Surface Plotted by BO
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

K+E 46 0920

75 100 175

(16) ~~17~~

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	86	210

Frontage Rd. (Left)

PLAN	
NOTE BOOK	SURVEYED
NO.	PLOTTED
	ALIGNMENT CHECKED
	RT. OF WAY CHECKED

BY	DATE

PROFILE	
NOTE BOOK	SURVEYED
NO.	PLOTTED
	GRADES CHECKED
	B. M.s NOTED
	STRUCTURE NOTAT'NS CH'KD

BY	DATE

Cherokee Co.
Rt. 29
Frontage Rd.

①

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(...)	29	87	210

Frontage Rd. (Left)

PLAN
NOTE BOOK — SURVEYED — PLOTTED — ALIGNMENT CHECKED — RT. OF WAY CHECKED
NO. — BY — DATE

PROFILE
NOTE BOOK — SURVEYED — PLOTTED — GRADES CHECKED — B. M. NOTED — STRUCTURE NOTATN'S CH'KD
NO. — BY — DATE

Cherokee Co.
Rt. 29
Frontage Rd. Lt.

PLATE 1 - PLAN-PROFILE O.P.R.&R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	88	210

Frontage Rd. (Left)

PLAN
NOTE BOOK NO.
SURVEYED
PLOTTED
ALIGNMENT CHECKED
RT. OF WAY CHECKED
BY
DATE

PROFILE
NOTE BOOK NO.
SURVEYED
PLOTTED
GRADES CHECKED
B. M.'s NOTED
STRUCTURE NOTAT'NS CH'KD
BY
DATE

Cherokee Co.
Rt. 9
Frontage Rd. Lft.

(3)

PLATE 1 - PLAN - PROFILE O. P. R. & R. E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11352	I-301-2(13)	29	89	210

Frontage Rd Left
2087 - 2091

Ground Surface ... by E.J.Z.
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" Checked by
Quantities Transferred and Inked by

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11,352	I-301-2(..)	29	90	210

Frontage Rd Left

Ground Surface ...ed by E.S.Z.
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

③

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(16)	29	91	210

Frontage Rd Left

Ground Surface ...ed by E.J.L.
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...plate Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" Checked by
Quantities Transferred and Inked by

A

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	11.352	I-301-2(6)	29	92	210

Frontage Rd Left

Ground Surface [illegible] by E.J.J.
" " Checked by
Template Sections Plotted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(5)

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(1)	29	93	210

CROSS SECTIONS

Scale 1 inch = 5 feet

Frontage Rd Left

Ground Surface ___d by E.J.Z.
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(6)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11,352	I-301-2(4)	29	94	210

Frontage Rd Left

Ground Surface [illegible]ed by E.J.Z.
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

1

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11,352	I-301-2(10)	29	95	210

Ground Surface [illegible]d by E.J.Z

" " Checked by

[illegible]plate Sections Platted by

" " Checked by

Areas by

" Checked by

Template Sections Revised by

" " Checked by

Final Areas by

" " Checked by

Quantities Transferred and Inked by

(8)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	11.352	I-301-2(1)	29	96	210

Frontage Rd Left

Ground Surface Plotted by E.J.Z.
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(1)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(1)	29	97	210

Frontage Rd Left

Ground Surface ___d by E.T.J.
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Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" Checked by
Quantities Transferred and Inked by

(10)

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(1)	29	98	210

Frontage Rd Left

Ground Surface d by E.J.Z.
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(11)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11,352	I-301-2(4)	29	99	210

Ground Surface [illegible]d by E.S.J.
" " Checked by
[Te]mplate Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

(12)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11,352	I-301-2(4)	29	100	210

Frontage Rd Left

Ground Surface ... by E.S.Z.
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" Checked by
Quantities Transferred and Inked by

K+E

13

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11,352	I-301-2(1)	29	101	210

Frontage Rd.
left.
2134 to 2139

Ground Surface Plotted by........
" " Checked by........
Template Sections Platted by........
" " Checked by........
Areas by........
" Checked by........
Template Sections Revised by........
" " Checked by........
Final Areas by........
" Checked by........
Quantities Transferred and Inked by........

(14)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	T-301-2(10)	29	102	210

Frontage Rd.
Lt.
2134 to 2139

Ground Surface Plotted by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

(15)

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352		~~29~~	103	210

~~Connection~~
5-441

PLATE 1 - PLAN - PROFILE O.P.R.&R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	11.352		~~29~~	104	210

~~Connection~~ S-441

PLAN
NOTE BOOK / NO.
SURVEYED / PLOTTED / ALIGNMENT CHECKED / RT. OF WAY CHECKED
BY / DATE

PROFILE
NOTE BOOK / NO.
SURVEYED / PLOTTED / GRADES CHECKED / B. M.s NOTED / STRUCTURE NOTATN'S CH'KD
BY / DATE

...rokee Rd. to U.S. 29

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352		~~29~~	105	210

~~Connection~~ S-441

Cherokee
Quarry Road
R/29

PLATE 1 - PLAN - PROFILE O.P.R.&R.E. STANDARD
KEUFFEL & ESSER CO., NEW YORK.

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11352		~~27~~	106	210

~~Connection~~ S-441

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	11.352			107	210

Cherokee Co.
QUARRY RD.
Line "A"
Fringe to U.S. 29

Ground Surface ... by
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" Checked by
Quantities Transferred and Inked by

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352			108	210

CROSS SECTIONS

Scale 1 inch = 5 feet

Cherokee Co.
QUARRY RD.
Line "A"
Linge to U.S. 29

Ground Surface ...ed by........
" " Checked by........
...mplate Sections Platted by........
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Areas by........
" Checked by........
Template Sections Revised by........
" " Checked by........
Final Areas by........
" " Checked by........
Quantities Transferred and Inked by........

(2)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352			109	210

Cherokee Co.
QUARRY RD.

Ground Surface Checked by........
" " Checked by........
Template Sections Plotted by........
" " Checked by........
Areas by........
" Checked by........
Template Sections Revised by........
" " Checked by........
Final Areas by........
" Checked by........
Quantities Transferred and Inked by........

(3)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352			110	210

Cherokee CO.
QUARRY RD.
Fringe to U.S. 29
Line A

Ground Surface Platted by........
" " Checked by........
Template Sections Platted by........
" " Checked by........
Areas by........
" Checked by........
Template Sections Revised by........
" " Checked by........
Final Areas by........
" " Checked by........
Quantities Transferred and Inked by........

(4)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352			111	210

Cherokee Co.
QUARRY RD.
Tinge & U.S. 29
Line "A"

Ground Surface [illegible] by..................
" " Checked by..................
Template Sections Platted by..................
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Areas by..................
" Checked by..................
Template Sections Revised by..................
" " Checked by..................
Final Areas by..................
" Checked by..................
Quantities Transferred and Inked by..................

(5)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352		29	112	210

Cherokee Co.
Rt. 29
Quarry RD
Relocation

Ground Surface ......ed by.........
" " Checked by.........
Template Sections Plotted by.........
" " Checked by.........
Areas by.........
" Checked by.........
Template Sections Revised by.........
" " Checked by.........
Final Areas by.........
" " Checked by.........
Quantities Transferred and Inked by.........

1

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352			113	210

Ground Surface [illegible]d by
" " Checked by
[illegible]plate Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" Checked by
Quantities Transferred and Inked by

Cherokee Co.
Rt. 29 Rd.
Quarry
Relocation

2

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352			114	210

Cherokee Co.
Rt 29 20
Quarry Relocation

Ground Surface P... by.......
" " Checked by.......
Template Sections Platted by.......
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Areas by.......
" Checked by.......
Template Sections Revised by.......
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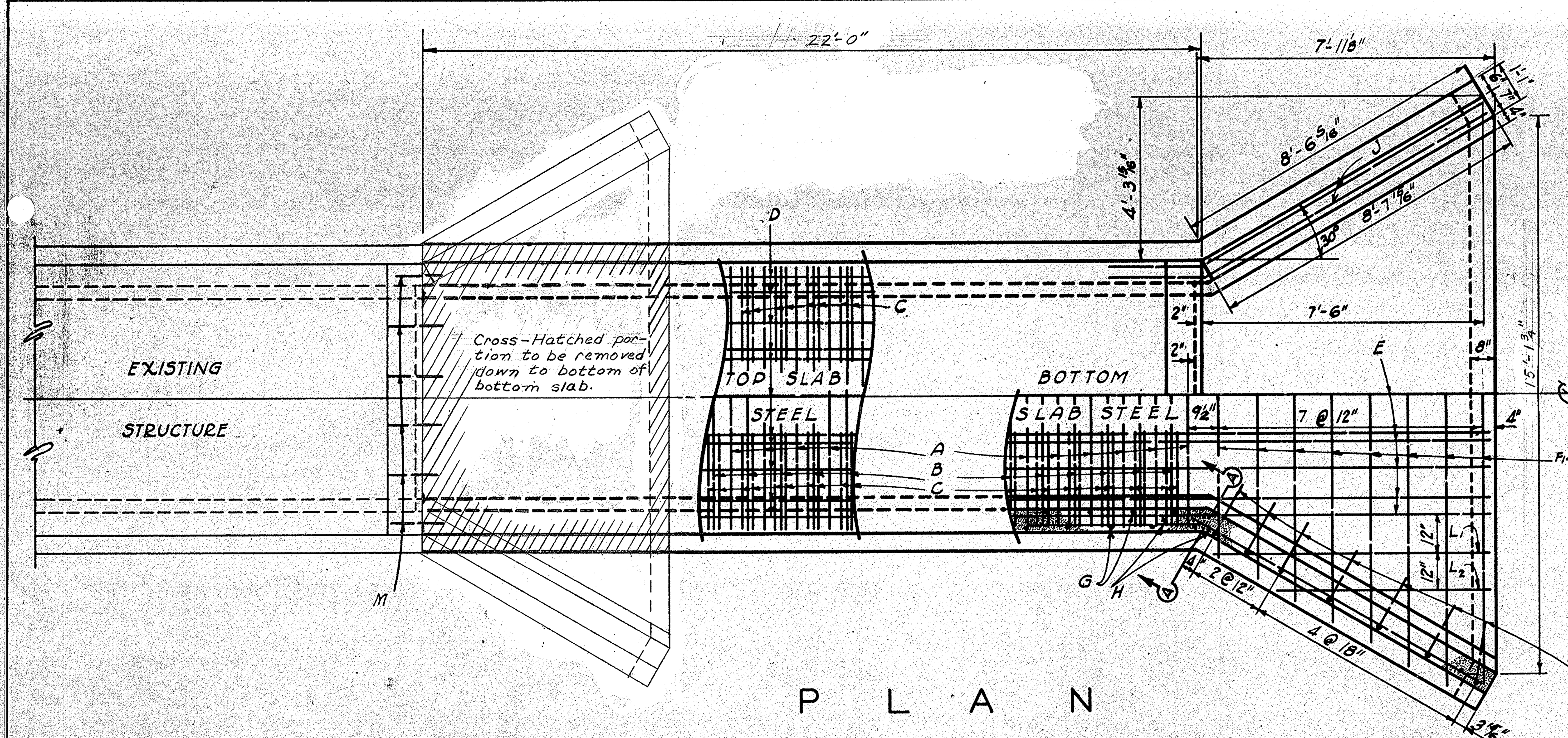
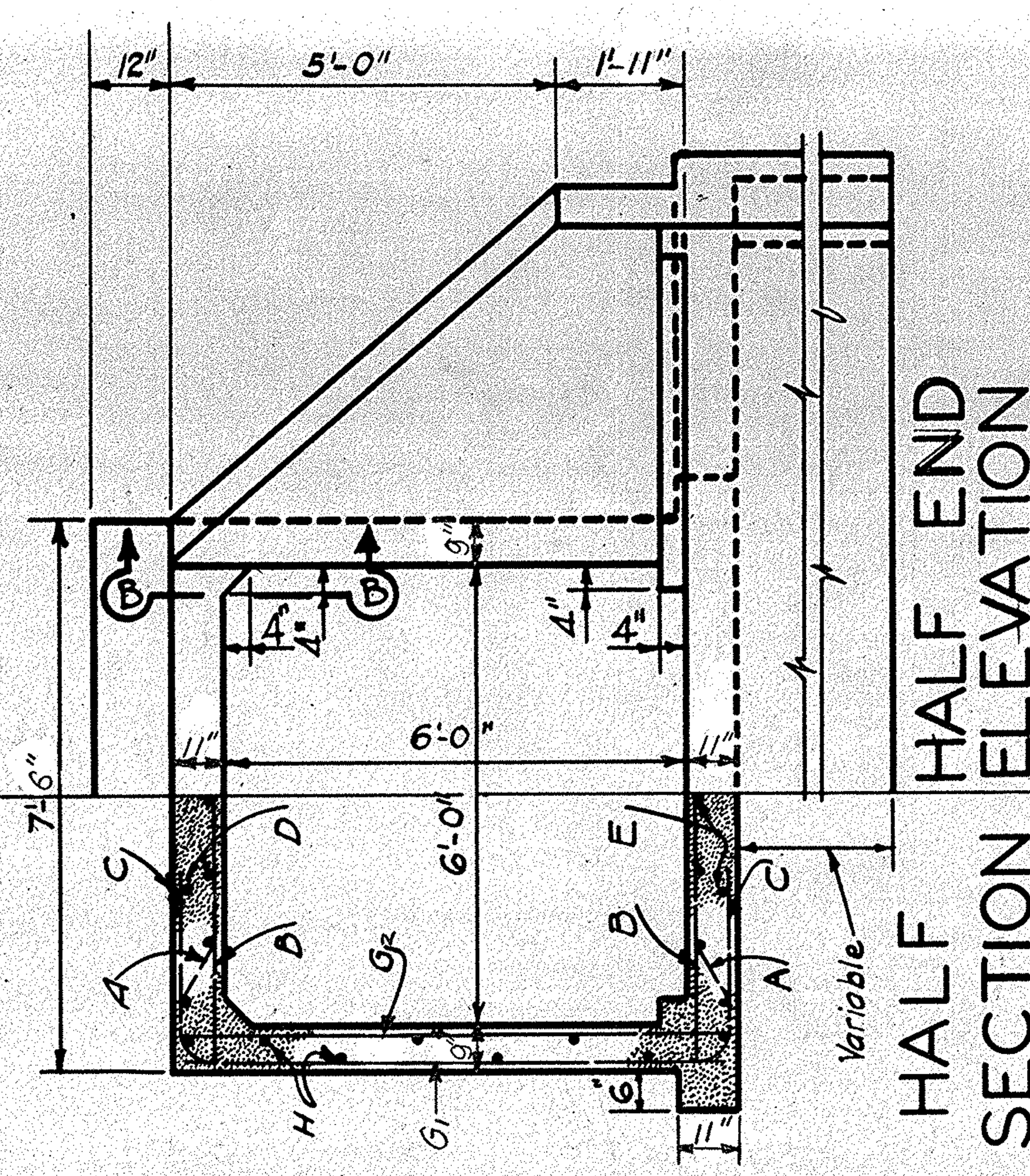
Final Areas by.......
" " Checked by.......
Quantities Transferred and Inked by.......

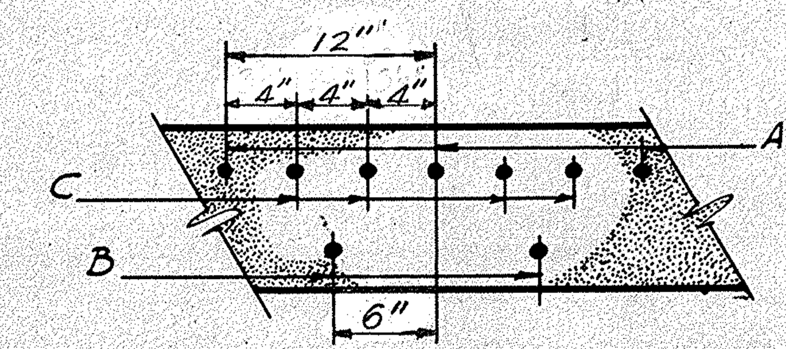
(3)



PLAN



HALF SECTION | HALF END ELEVATION



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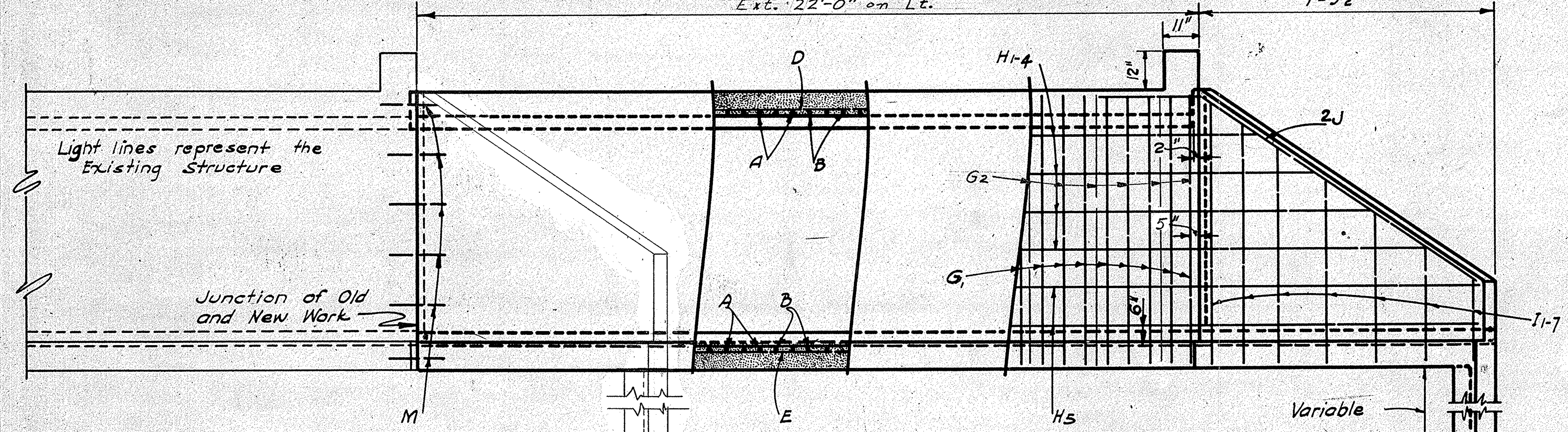
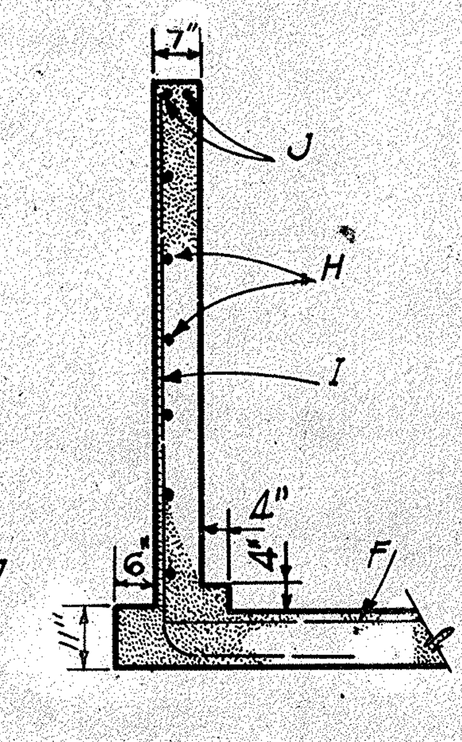


ELEVATION



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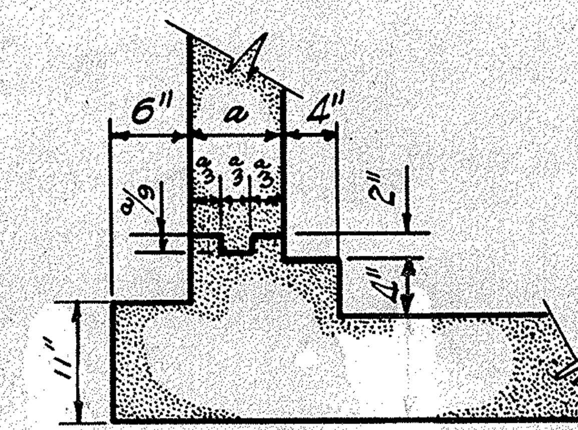


CONSTRUCTION JOINT DETAIL

FED ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	CHEROKEE	11.352	29	115	210

STEEL SCHEDULE

MARK	NO.	SIZE	LENGTH	SPACING	LOCATION
A	44	3/4"φ	12'-1"	12" C.to C.	T&B SLABS
B	44	7/8"φ	7'-2"	"	"
C	172	1/2"φ	4'-9"	As Shown	CORNERS
D	11	1/2"φ	21'-8"	"	Top SLAB
E	11	1/2"φ	29'-5"	"	BOT. SLAB
F_1	1	1/2"φ	15'-6"	12" C.to C.	APRON
F_2 to F_8	1 ea	1/2"φ	15'-8" to 8'-8" Vary by 1'-2"	"	"
G_1	48	5/8"φ	7'-6"	11" C.to C.	SIDE WALLS
H_1 to H_4	2 ea	1/2"φ	23'-8" to 28'-8" vary by 1'-8"	12" Stag'd	S.W. & WINGS
H_5	4	1/2"φ	30'-5"	"	"
I_1 to I_5	2 ea.	1/2"φ	3'-11" to 7'-3" Vary by 10"	As Shown	WING & APRON
I_6	2	1/2"φ	7'-11"	"	"
I_7	2	1/2"φ	8'-6"	"	"
J	4	5/8"φ	12'-0"	"	WINGS
L_1	2	1/2"φ	7'-2"	"	TOP OF APRON
L_2	2	1/2"φ	5'-6"	"	"
M	20	3/4"φ	1'-6"	"	DOWELS
G_2	32	1/2"φ	7'-6"	16 1/2" c.to c.	Side Walls

Concrete P.F.L. Barrel ____ 0.8889 C.Y.
Concrete P.F.D Cut-Off Wall (1end) ____ 0.4186 C.Y.
Excavation P.F.L., P.F.D. Barrel ____ 0.4630 C.Y.

QUANTITIES

STATION	LENGTH Ext.	REINFORC'G STEEL	CLASS "A" CONCRETE
2110+40	22'-0" LT.	3360 LBS	25.0 C.Y.
		LBS	C.Y.
		LBS	C.Y.
		LBS	C.Y.
		LBS	C.Y.
		LBS	C.Y.
TOTAL		3,360 LBS	25.0 C.Y.

CONSTRUCT WEEP HOLES AND FRENCH DRAINS. SEE PARA. 71D28 OF STANDARD SPECIFICATIONS.

NOTES:

Design Specifications: "Standard Specifications for Highway Bridges," A.A.S.H.O.-1949 fs = 20,000#/in², fc=1,200#/in², n=10, v=90#/in², u=225#/in², H20-S16 loading, 36' Earth fill (max).

Work to be done consists of removing the designated portions of the existing structure and extending in accordance with these plans.

The holes for dowels to be drilled 9" into old concrete and the dowels firmly set in a 1:3 Mortar.

All costs of removing the designated portions of the existing structure, drilling, and chipping are to be included in unit price bid for Class "A" concrete.

The Contractor shall replace or repair at his own expence, and to the satisfaction of the Engineer, any portion of the existing structure damaged, due to his carelessness or negligence.

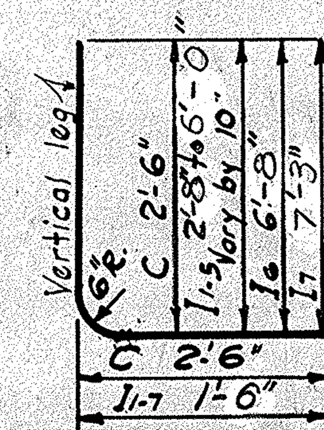
Structural grade reinforcing steel not permitted.

Center of main reinforcing steel shall be 2" from the surface of the concrete.

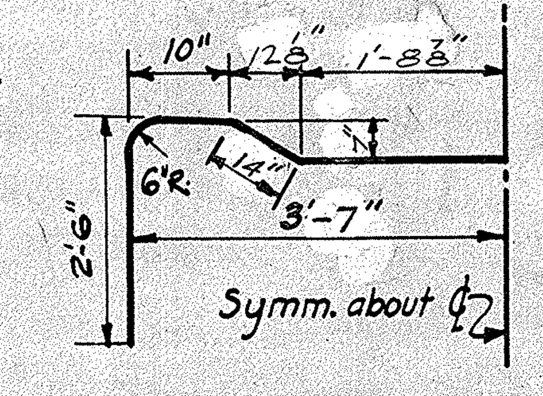
All concrete shall be Class "A".

Chamfer all exposed exposed edges 3/4".

Depth of cut-off wall shall be determined by the Engineer and quantities added to those shown.



C & I_{1-7} BARS



A-BARS

Rev.	A.P.G.	W.B.B.	8-57
Quant.	GKB.	W.B.B.	9-45
Tr.	W.R.T.	W.B.B.	9-45
Dr.	GKB.	W.B.B.	9-45
Des.	GK.B.	W.B.B.	9-45
	By.	CHK'D	Date.

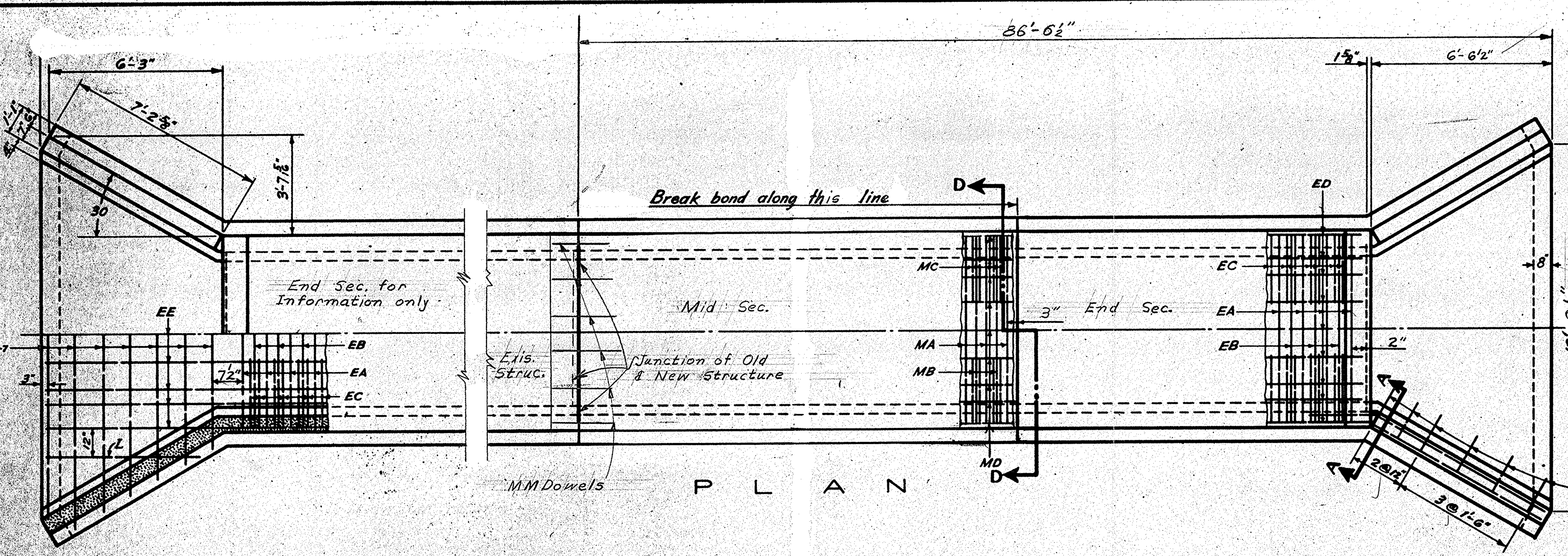
S.C. STATE HIGHWAY DEPARTMENT
COLUMBIA

CONCRETE CULVERT
REINFORCED BOX TYPE
SINGLE 6' x 6' EXTENSION

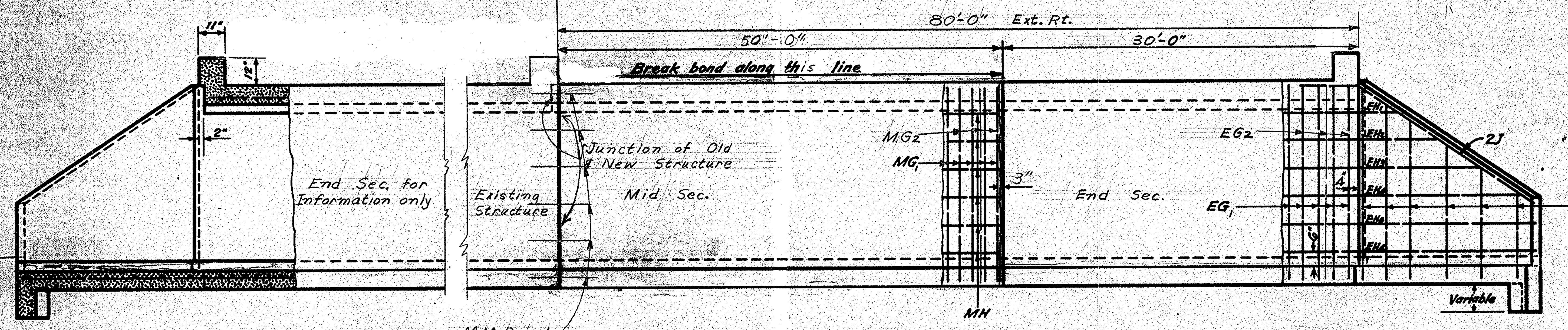
S.C. DOCKET NO. 11.352 CHEROKEE COUNTY
ROUTE NO. 29 DATE AUG. 57

B1.66 f36 EXT.

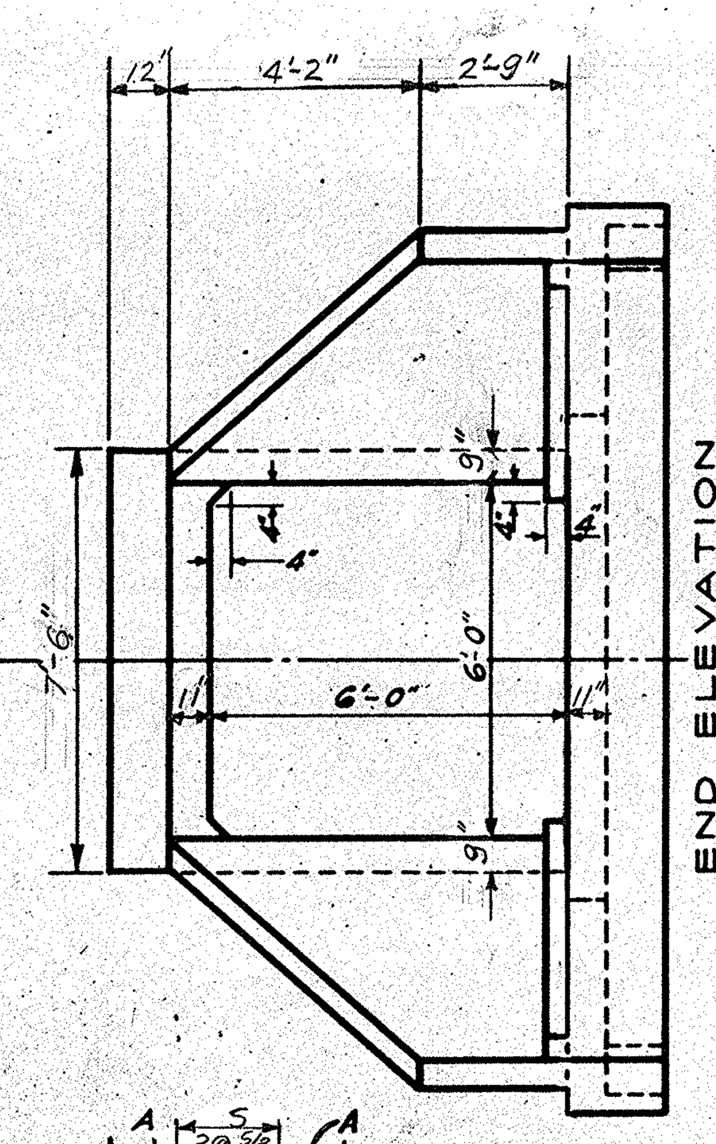
FED ROAD DIV. NO	STATE	COUNTY	DOCKET NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	CHEROKEE	11.352	29	115A	210



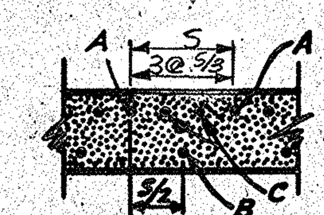
PLAN



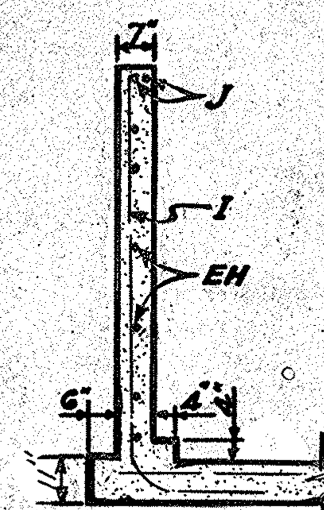
ELEVATION



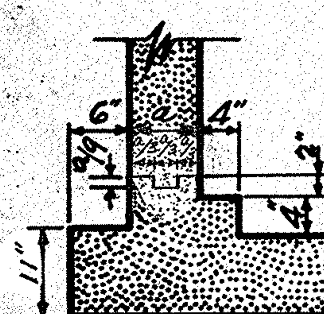
END ELEVATION



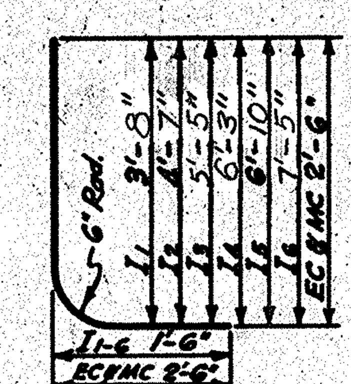
SECTION B-B



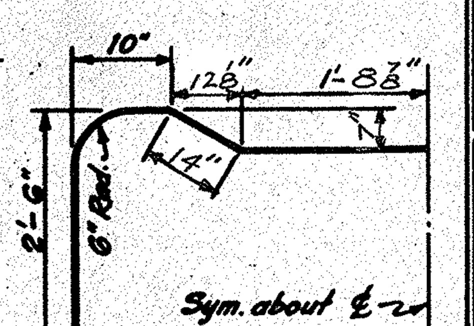
SECTION A-A



CONSTRUCTION JOINT DETAIL



EC, MC & I BARS



EA or MA BARS

STEEL SCHEDULE					
MARK	NO.	SIZE	LENGTH	SPACING	LOCATION
MID SECTION					
MA	100	¾"φ	12'-1"	12" c. to c.	T. & B. Slabs
MB	100	⅞"φ	7'-2"	"	"
MC	400	½"φ	4'-9"	As Shown	Corners
MD	18	½"φ	49'-8"	"	T. & B. Slabs
MG_1	110	⅝"φ	7'-6"	11" C. to C.	Side Walls
MH	12	½"φ	49'-8"	12" Stag'd.	"
MM	20	¾"φ	1'-6"	As Shown	Dowels
MG_2	74	½"φ	7'-6"	16½" C. to C.	Side Walls
END SECTION					
EA	60	¾"φ	12'-1"	12" c. to c.	T. & B. Slabs
EB	60	⅞"φ	7'-2"	"	"
EC	236	½"φ	4'-9"	As Shown	Corners
ED	9	½"φ	29'-6"	"	Top Slab
EE	9	½"φ	36'-2"	"	Bot. Slab
F_1	1	½"φ	13'-10"	12" c. to c.	Apron
F_2	1	½"φ	14'-4"	"	"
F_3	1	½"φ	13'-2"	"	"
F_4	1	½"φ	12'-0"	"	"
F_5	1	½"φ	10'-10"	"	"
F_6	1	½"φ	9'-8"	"	"
F_7	1	½"φ	8'-6"	"	"
EG_1	66	⅝"φ	7'-6"	11" C. to C.	Side Walls
EH_1	2	½"φ	31'-6"	12" Stag'd.	"
EH_2	2	½"φ	33'-3"	"	"
EH_3	2	½"φ	35'-0"	"	"
EH_4	6	½"φ	36'-8"	"	"
I_1	2	½"φ	4'-11"	As Shown	Wings
I_2	2	½"φ	5'-10"	"	"
I_3	2	½"φ	6'-8"	"	"
I_4	2	½"φ	7'-6"	"	"
I_5	2	½"φ	8'-1"	"	"
I_6	2	½"φ	8'-8"	"	"
J	4	⅝"φ	10'-6"	"	"
L	2	½"φ	5'-7"	"	Apron
EG_2	44	½"φ	7'-6"	16½" c. to c.	Side Walls

QUANTITIES	MID SEC.	END SEC.
CLASS "A" CONCRETE	44.5 C.Y.	31.2 C.Y.
REINFORCING STEEL	6,821 LBS.	4,290 LBS.

TOTAL QUANTITIES	
CLASS "A" CONCRETE	75.7 CU. YDS.
REINFORCING STEEL	11,111 LBS.

CONSTRUCT WEEP HOLES AND FRENCH DRAINS. SEE PARA. 71D28 OF STANDARD SPECIFICATIONS.

	MID SEC.	END S.
CONCRETE P.F.L. BARREL	0.8889	0.8889 C.Y.
EXCAV. P.F.D, P.F.L. BARREL	0.4630	0.4630 C.Y.
CONC. P.F.D. CUT-OFF WALL		0.3832 C.Y.

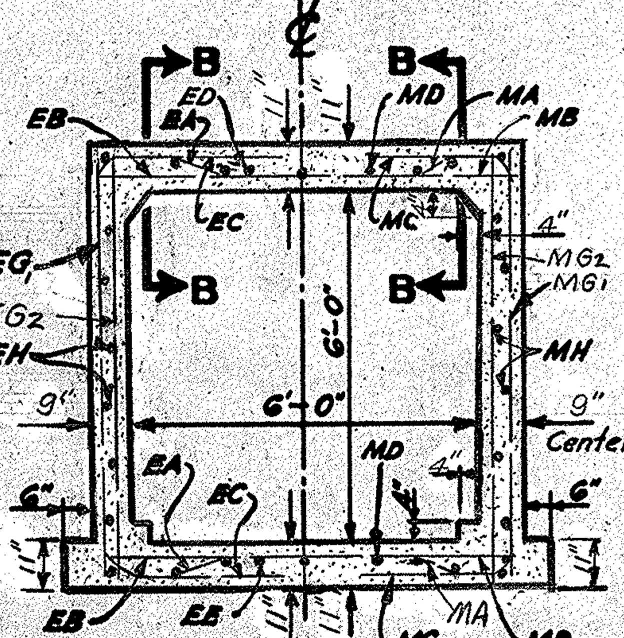
NOTES:

Work to be done consists of extending the existing structure in accordance with these plans.

The holes for dowels to be drilled 9" into old concrete and the dowels firmly set in a 1:3 Mortar.

All cost of drilling and other work necessary to construct New Structure shall be included in the Unit Price Bid for Class "A" Concrete.

The Contractor shall replace or repair at his own expense, and to the satisfaction of the Engineer, any portion of the existing structure damaged due to his carelessness or negligence.



SECTION D-D

NOTES:-

Specifications: "Standard Specifications for Highway Bridges," A.A.S.H.O. 1949 f_s=20,000#/in.², f_c=1,200#/in.², n=10 v=90#/in.², u=225#/in.², Culvert designed for H20-S16 loading and 36' (max.) earth fill.

Center of Main reinforcing steel shall be placed 2" from the surface.

All concrete shall be class "A".

Chamfer all exposed edges ¾".

Depth of cut-off walls shall be determined by the Engineer and quantities added to those shown.

Structural grade reinforcing steel not permitted.

All dimensions relative to reinforcing steel are to centers of bars.

S.C. STATE HIGHWAY DEPARTMENT
COLUMBIA

CONCRETE CULVERT
REINFORCED BOX TYPE
6'x6' EXT. 80'-0" ON RT.

STA NO. 2110+40

S.C. DOCKET NO. 11,352 CHEROKEE COUNTY

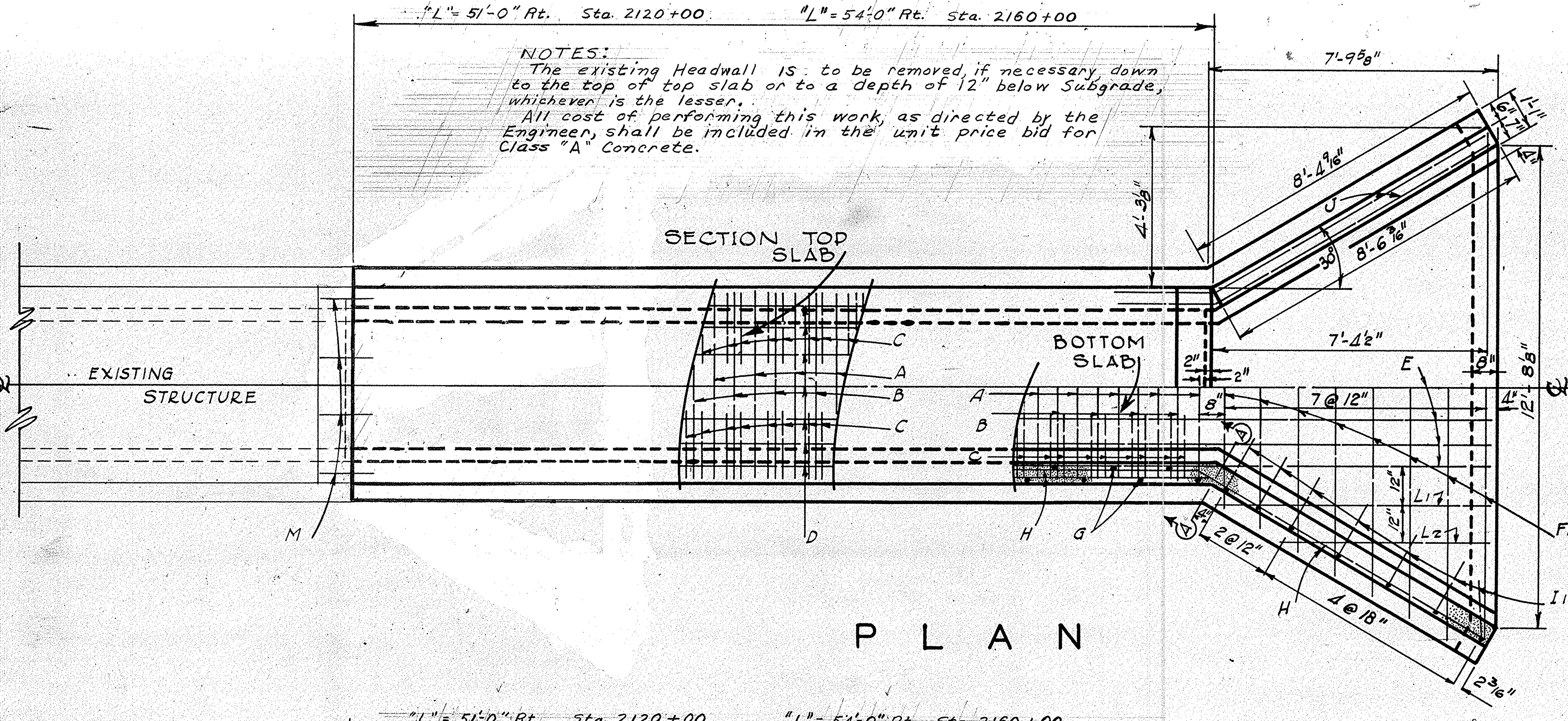
ROUTE NO. 29 DATE AUG. 57

B 1.66 f 36 Rev.

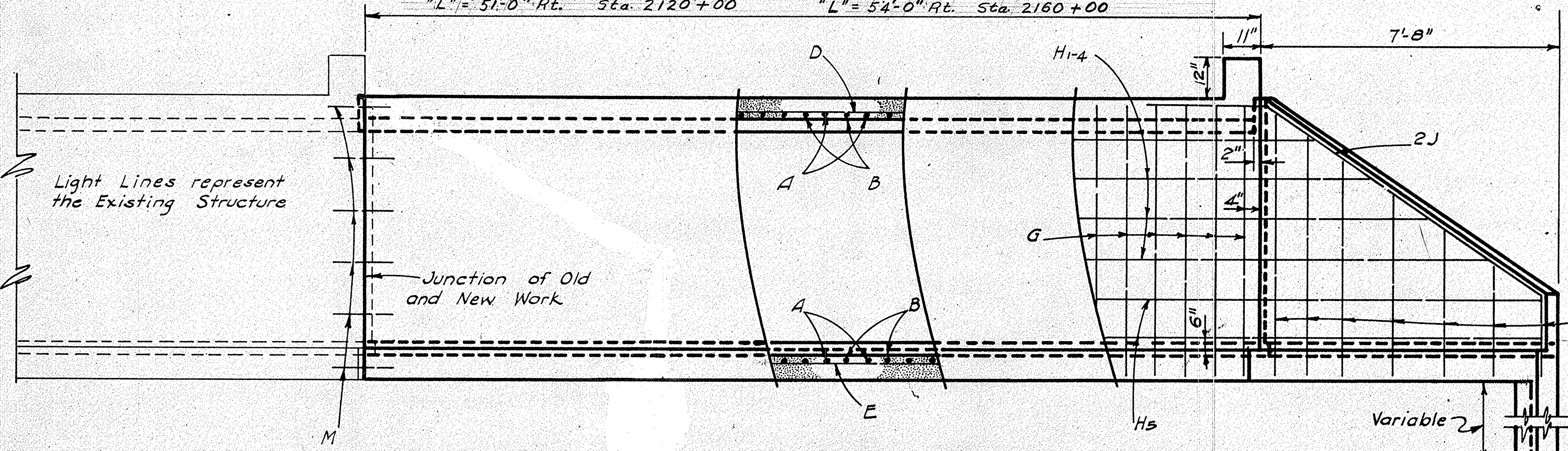
Adapted A.P.G., AUG. 57
Checked W.B.B. 8-57

FED ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	CHEROKEE	11.352	29	116	210

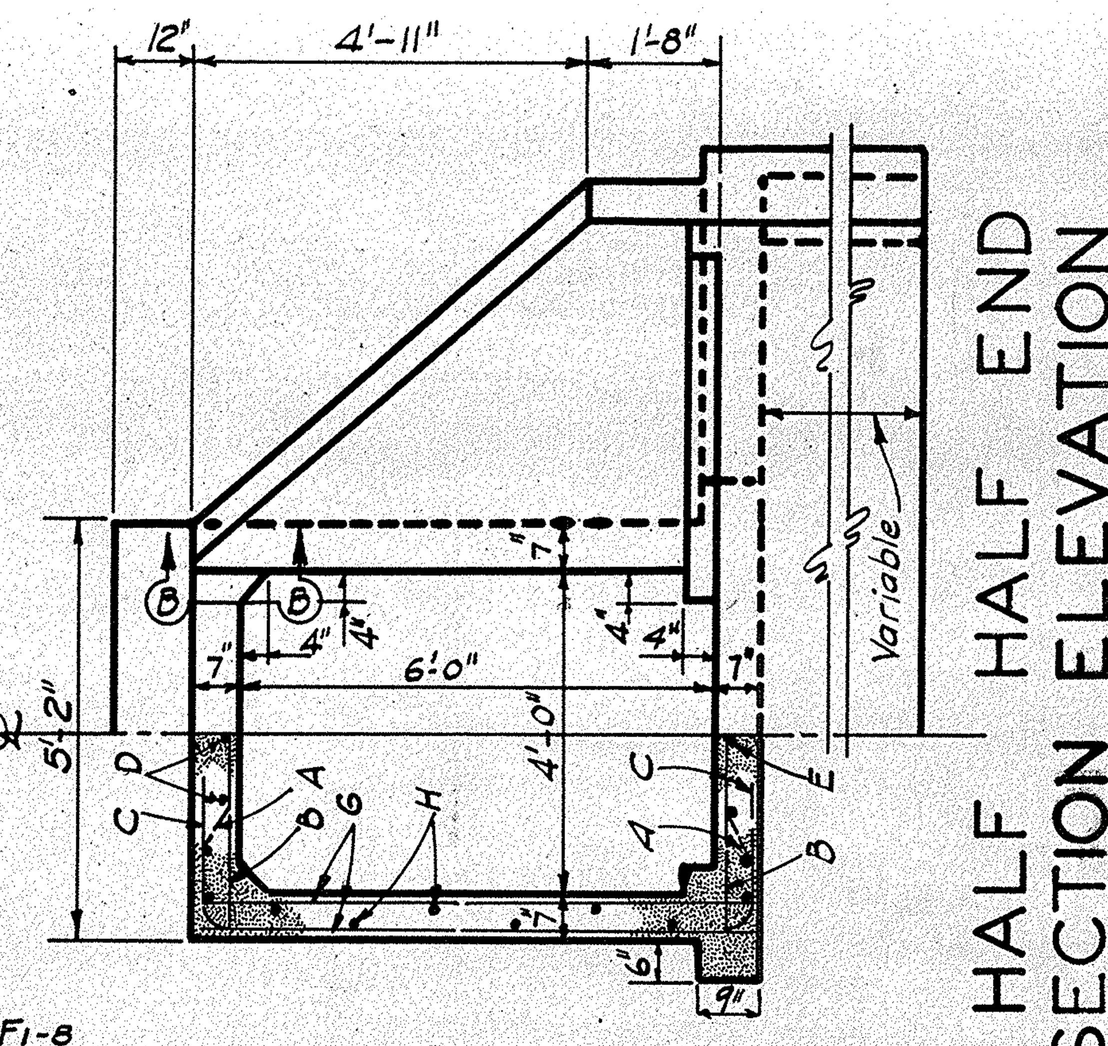
NOTES:
The existing Headwall IS to be removed, if necessary, down to the top of top slab or to a depth of 12" below Subgrade, whichever is the lesser.
All cost of performing this work, as directed by the Engineer, shall be included in the unit price bid for Class "A" Concrete.



PLAN



ELEVATION



HALF END ELEVATION

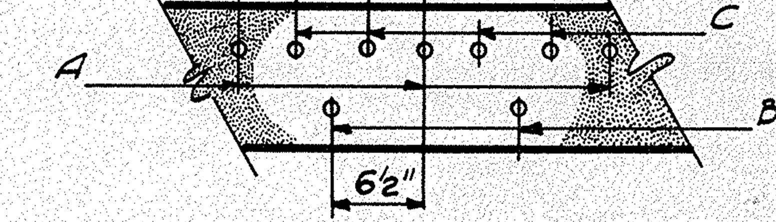
HALF SECTION

STEEL SCHEDULE ONE END

MARK	* NO (Lin inch's)	SIZE	LENGTH	SPACING	LOCATION
A	(L/13) 2	½" φ	9'-6"	13" C. to C.	T & B Slabs
B	(L/13) 2	½" φ	4'-10"	"	"
C	(L/13) 8	⅝" φ	4'-3"	As Shown	Corners
D	7	½" φ	L-(0'-4")	"	Top Slab
E	7	½" φ	L+(7'-4")	"	Bot. Slab
F1	1	½" φ	13'-2"	12" C. to C.	Apron
F2 to F8	1 ea.	½" φ	13'-3" to 6'-3" Vary by 1'-2"	"	"
G	(L/9) 2	½" φ	6'-10"	9" Stag'd.	Side Walls
H1 to H4	2 ea.	½" φ	L+(1'-6") to L+(6'-9") Vary by 1'-9"	12" Stag'd.	S.W. & Wings
H5	4	½" φ	L+(8'-3")	"	"
I1 to I5	2 ea.	½" φ	3'-1" to 6'-9" Vary by 11"	As Shown	Wings & Apron
I6	2	½" φ	7'-3"	"	"
I7	2	½" φ	7'-10"	"	"
J	4	⅝" φ	12'-0"	"	Wings
L1	2	½" φ	7'-3"	"	Apron
L2	2	½" φ	5'-6"	"	"
M	16	¾" φ	1'-6"	"	Dowels.

* Disregard Fractions

Concrete P.F.L. Barrel ______ 0.5226 C.Y.
Concrete P.F.D. cut off Wall (1end) 0.3577 C.Y.
Excavation P.F.L., P.F.D. Barrel ___ 0.3765 C.Y.
Reinforcing Steel P.F.L. Barrel _____ 80.0 LBS.

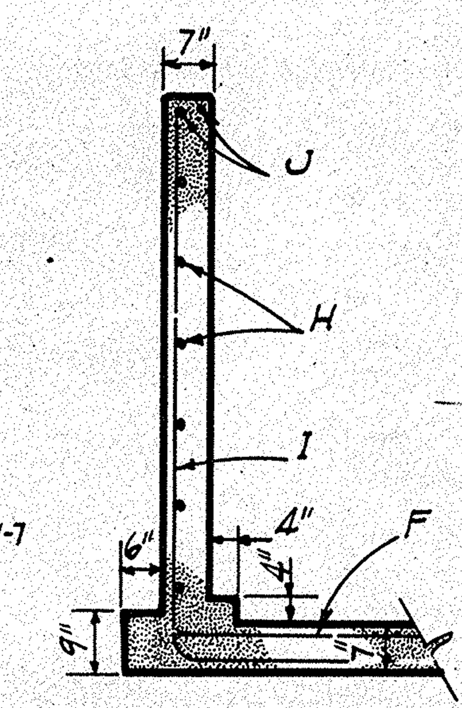


SECTION B-B

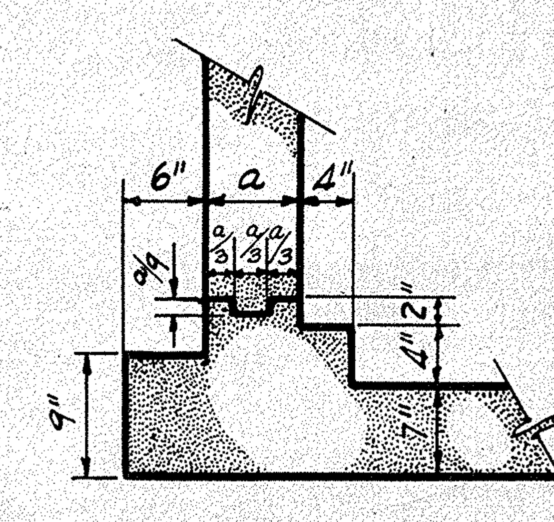
QUANTITIES

STATION	LENGTH "L"	REINFORCING STEEL	CLASS "A" CONCRETE
2120+00	51' RT.	4367 LBS.	30.3 C.Y.
2160+00	54' RT.	4607 LBS.	31.8 C.Y.
		LBS.	C.Y.
		LBS.	C.Y.
		LBS.	C.Y.
		LBS.	C.Y.
TOTAL		8974 LBS.	62.1 C.Y.

NOTE:
Method used in figuring Quantities
Rein. Steel = 287.0 + 80.0L
Class "A" Concrete = 3.628 + 0.5226L



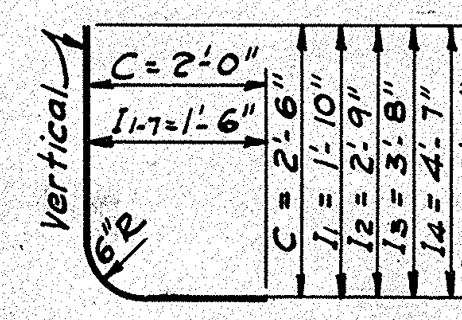
SECTION A-A



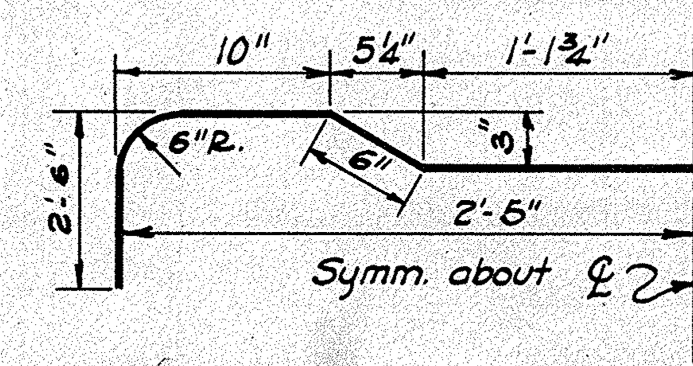
CONSTRUCTION JOINT DETAIL

CONSTRUCT WEEP HOLES AND FRENCH DRAINS. SEE PARA. 71D28 OF STANDARD SPECIFICATIONS.

NOTES:
Design Specifications: "Standard Specifications for Highway Bridges," A.A.S.H.O.-1941 (except fs.) fs = 20,000 #/in², fc = 1000 #/in², n = 10, v = 90 #/in², u = 165 #/in², H15 loading, 10' earth fill (Max).
Work to be done consists of extending the existing structure in accordance with these plans.
The holes for the dowels to be drilled 9" into old concrete and the dowels firmly set in a 1:3 Mortar.
All costs of drilling and other work necessary to construct New Structure shall be included in the Unit Price Bid for Class "A" Concrete.
The Contractor shall replace or repair at his own expense, and to the satisfaction of the Engineer, any portion of the existing structure damaged, due to his carelessness or negligence.
Structural grade reinforcing steel not permitted.
Center of main reinforcing steel shall be 2" from the surface of the concrete.
All Concrete shall be Class "A".
Chamfer all exposed edges ¾".
Depth of Cut-Off Wall shall be determined by the Engineer and quantities added to those shown.
This Culvert Designed for H15-S12 Live Load and Full Dead Load.
The Stresses are within the allowable unit stresses for H20-S16 Live Load when designed in accordance with the 1953 A.A.S.H.O. Specifications and revisions now in effect.



C & I1-7 BARS



A-BARS

Rev.	A.P.G.	W.B.B.	8-57
QUAN.	G.K.B.	W.B.B.	8-45
TR.	W.R.T.	W.B.B	9-45
DR	G.K.B.	W.B.B	8-45
DES	G.K.B.	W.B.B.	8-45
	By	CH'KD	DATE

S.C. STATE HIGHWAY DEPARTMENT
COLUMBIA

CONCRETE CULVERT

REINFORCED BOX TYPE

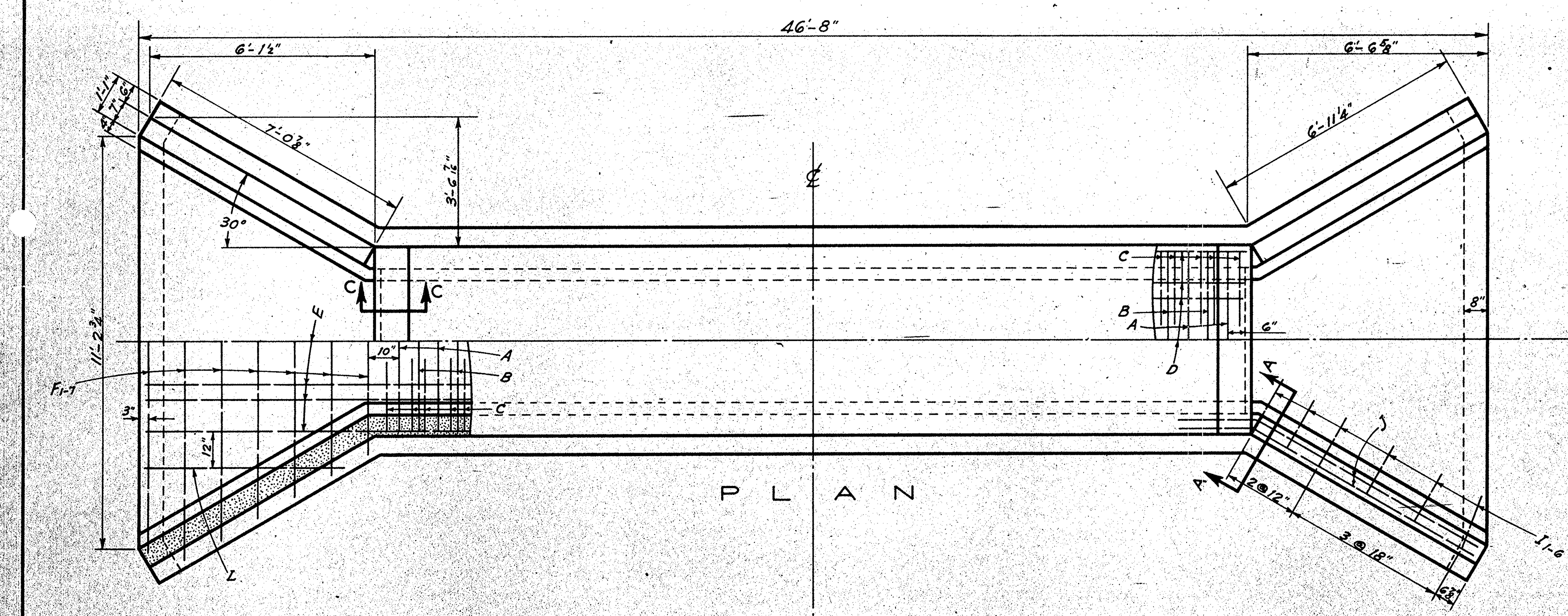
SINGLE 4' x 6' EXTENSION

S.C. DOCKET NO. 11.352 CHEROKEE COUNTY

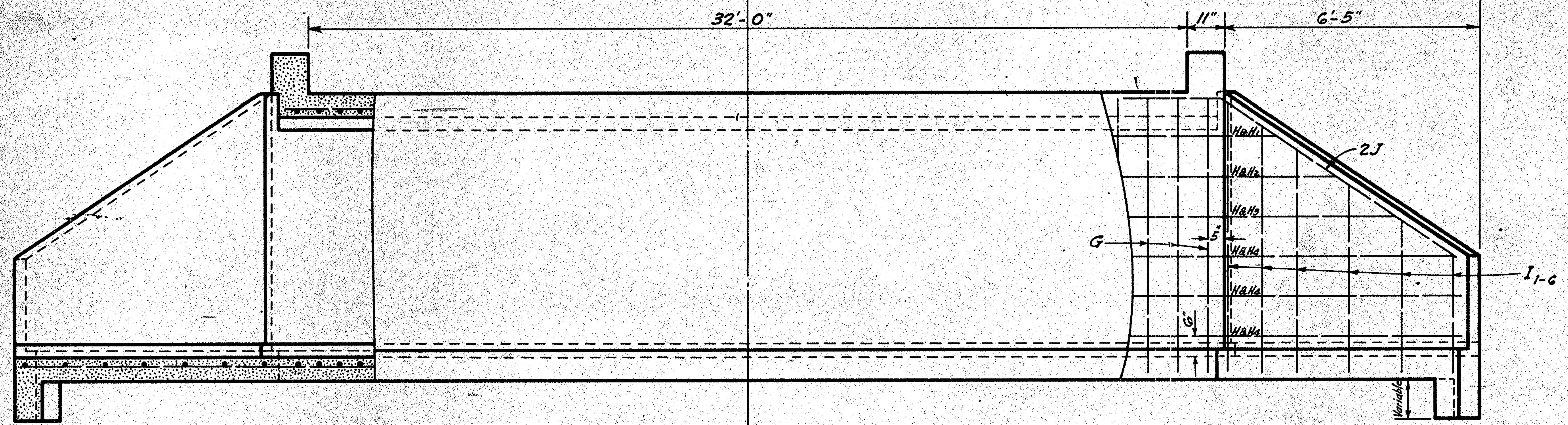
ROUTE NO. 29 DATE AUG. 57

B 1.46 EXT.

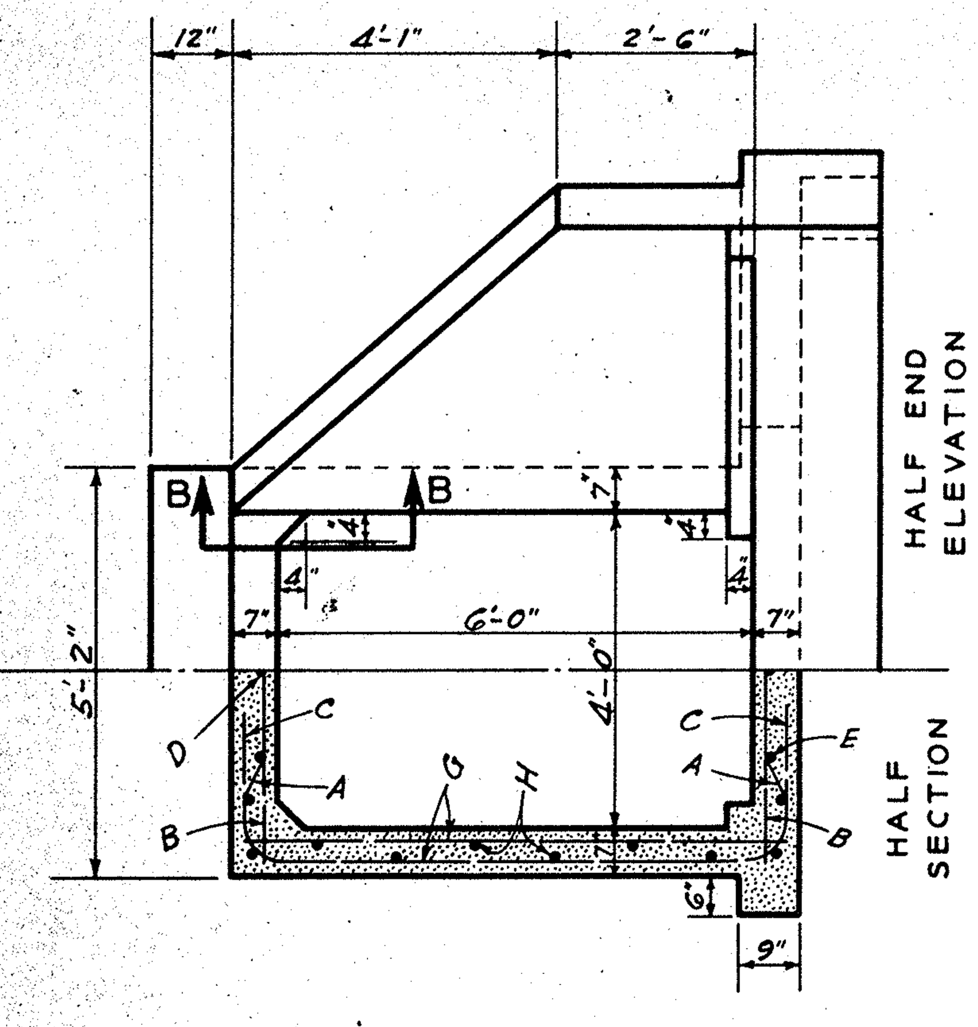
FED ROAD DIV. No.	STATE	COUNTY	DOCKET NO.	RT. NO	SHEET NO.	TOTAL SHEETS
3	S.C.	CHEROKEE	11.352	29	117	210



PLAN

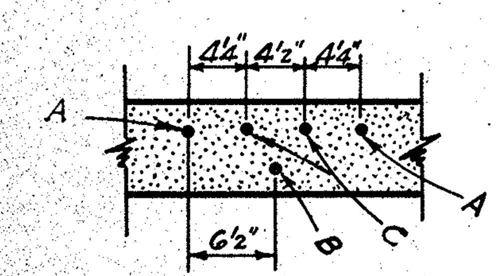


ELEVATION

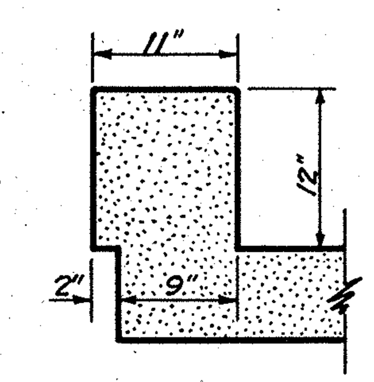


HALF END ELEVATION

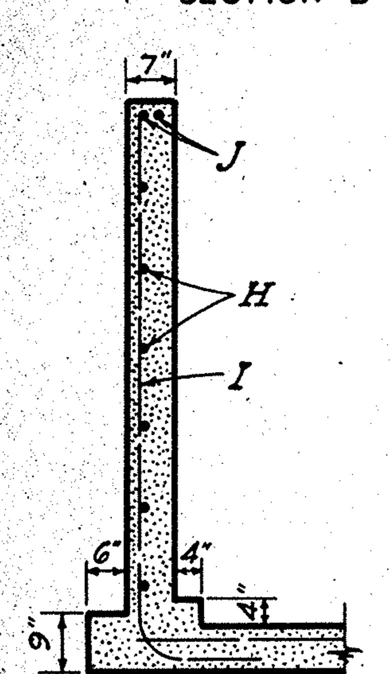
HALF SECTION



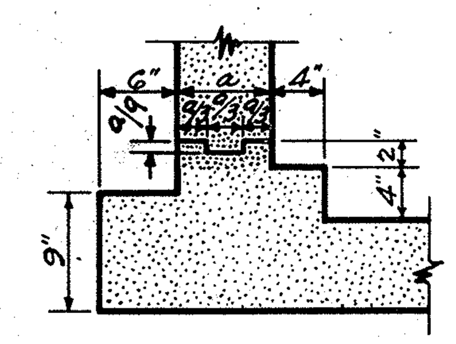
SECTION B—B



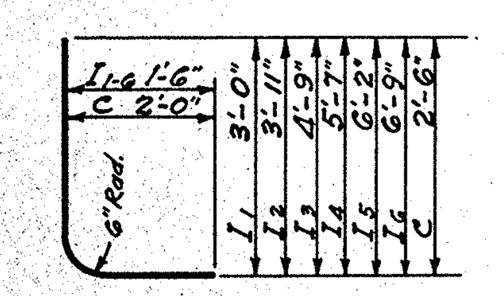
SECTION C—C



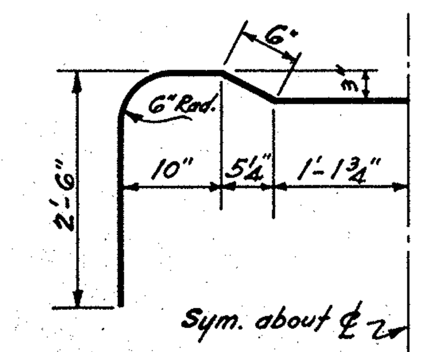
SECTION A—A



CONSTRUCTION JOINT DETAIL



C & I_{1-6} BARS



A BARS

STEEL SCHEDULE

MARK	NO.	SIZE	LENGTH	SPACING	LOCATION
A	62	½φ"	9'-6"	13" c. to c.	T. & B. Slabs
B	60	½φ"	4'-10"	"	"
C	248	⅝φ"	4'-3"	As Shown	Corners
D	7	½φ"	33'-2"	"	Top Slab
E	14	½φ"	24'-2"	"	Bot. Slab
F_1	2	½φ"	11'-5"	12" c. to c.	Apron
F_2	2	½φ"	11'-10"	"	"
F_3	2	½φ"	10'-9"	"	"
F_4	2	½φ"	9'-7"	"	"
F_5	2	½φ"	8'-5"	"	"
F_6	2	½φ"	7'-3"	"	"
F_7	2	½φ"	6'-1"	"	"
G	90	½φ"	6'-10"	9" Stag'd.	Side Walls
H	12	½φ"	10'-0"	12" Stag'd.	"
H_1	2	½φ"	28'-11"	"	"
H_2	2	½φ"	32'-5"	"	"
H_3	2	½φ"	35'-10"	"	"
H_4	6	½φ"	39'-3"	"	"
I_1	4	½φ"	4'-3"	As Shown	Wings
I_2	4	½φ"	5'-2"	"	"
I_3	4	½φ"	6'-0"	"	"
I_4	4	½φ"	6'-10"	"	"
I_5	4	½φ"	7'-5"	"	"
I_6	4	½φ"	8'-0"	"	"
J	8	⅝φ"	10'-0"	"	"
L	4	½φ"	5'-5"	"	Apron

NOTE:

* Steel Schedule and Quantities are for one 32'-0" Culvert

* This sheet represents two culverts.

TOTAL QUANTITIES

CLASS "A" CONCRETE	*	23.83	CU. YD.
REINFORCING STEEL	*	3132	LB.

Concrete P.F.L. Barrel ---------- 0.5226 Cu. Yd.
Concrete P.F.D. Cut-off Wall (1-End) -- 0.3200 Cu. Yd.
Excavation P.F.D., P.F.L. Barrel ------ 0.3766 Cu. Yd.

CONSTRUCT WEEP HOLES AND FRENCH DRAINS. SEE PARA. 71D28 OF STANDARD SPECIFICATIONS.

NOTES:

This Culvert Designed for H15-S12 Live Load and Full Dead Load.
The Stresses are within the allowable unit stresses for H20-S16 Live Load when designed in accordance with the 1953 A.A.S.H.O. Specifications and revisions now in effect.

NOTES:-

Specifications: "Standard Specifications for Highway Bridges," A.A.S.H.O. 1941* $f_s = 20{,}000$ #/in.², $f_c = 1{,}000$ #/in.², $n = 10$, $v = 90$ #/in.², $u = 150$ #/in.², H15 loading, 10' earth fill (max.).
~~Center of~~ Main reinforcing steel shall be placed 2" from the surface.
All concrete shall be class "A".
Depth of cut-off walls shall be determined by the Engineer and quantities added to those shown.
Chamfer all exposed edges ¾".
Structural grade reinforcing steel not permitted.
* (Except fs),
All dimensions relative to reinforcing steel are to centers of bars.

S.C. STATE HIGHWAY DEPARTMENT
COLUMBIA

CONCRETE CULVERT

REINFORCED BOX TYPE

4' x 6' x 32'-0"
RIGHT & LEFT FRONTAGE ROAD
STA. NO. 2120+00

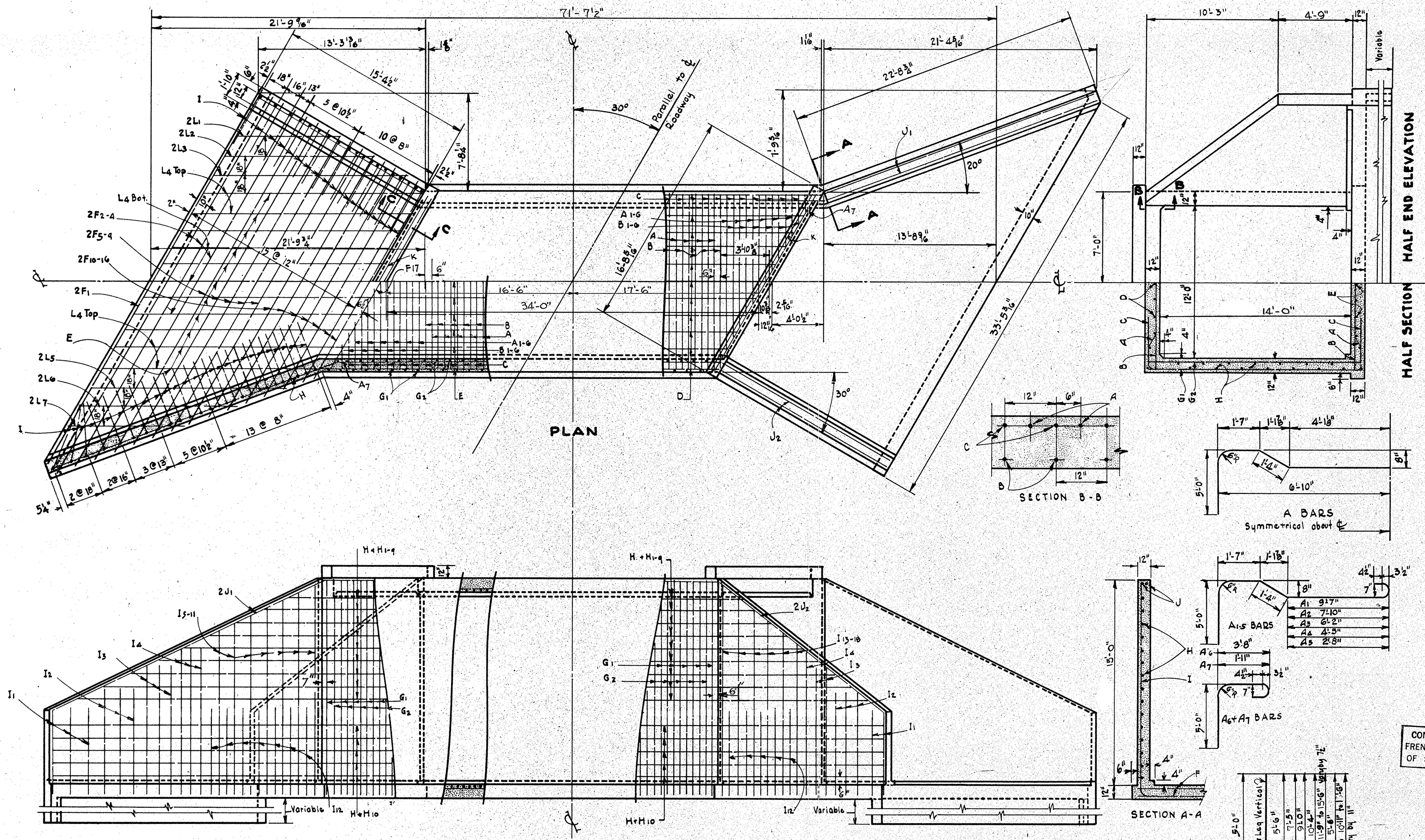
S.C. DOCKET NO. 11.352 CHEROKEE COUNTY
ROUTE NO. 29 DATE AUG. 57

B 1.46

Adapted A.P.G., AUG. 57
Checked W.B.B. 8-57

Des. E.F.S. 10-42 Ch. W.B.B. 11-42
Tr. C.W.H. 11-42 Ch. B.B. 12-42

FED. ROAD DIST. NO.	STATE	COUNTY	DOCKET NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	11.352	29	118	210



STEEL SCHEDULE

MARK	NO	SIZE	LENGTH	SPACING	LOCATION
A	56	1"φ	23'-7"	12" C to C	T+B SLABS
A_1	4	1"φ	18'-3"	"	"
A_2	4	1"φ	16'-6"	"	"
A_3	4	1"φ	14'-10"	"	"
A_4	4	1"φ	13'-1"	"	"
A_5	4	1"φ	11'-4"	"	"
A_6	4	1"φ	9'-5"	"	"
A_7	4	1"φ	7'-8"	"	"
B	58	¾"φ	13'-8"	"	"
B_1 To B_6	4 ea.	¾"φ	11'-6" to 2'-9" VARY BY 1'-9"	"	"
C	140	1"φ	8'-9"	"	CORNERS
D	11	½"φ	35'-4"	AS SHOWN	TOP SLAB
E	22	½"φ	36'-7"	"	BOT. SLAB
F_1	4	½"φ	33'-0"	"	APRON
F_2 To F_4	4 ea	½"φ	33'-10" to 31'-6" VARY BY 1'-2"	"	"
F_5 To F_9	4 ea	⅝"φ	30'-2" to 25'-6" VARY BY 1'-2"	"	"
F_{10} To F_{16}	4 ea	¾"φ	24'-3" to 17'-3" VARY BY 1'-2"	"	"
F_{17}	2	¾"φ	15'-9"	"	BOT. SLAB
G_1	72	½"φ	15'-8"	12" C to C	WALLS
G_2	70	⅝"φ	15'-8"	12" C to C	"
H	28	½"φ	36'-0"	12" STAG'D	WALLS ~ WINGS
H_1 To H_9	2 ea	½"φ	7'-1" to 36'-9" VARY BY 3'-8½"	"	"
H_{10}	10	½"φ	40'-0"	"	"
I_1	10	½"φ	9'-3"	AS SHOWN	WINGS
I_2	12	⅝"φ	11'-2"	"	"
I_3	10	¾"φ	12'-9"	"	"
I_4	8	⅞"φ	14'-1"	"	"
I_5 To I_{11}	2 ea.	⅞"φ	15'-6" to 19'-3" VARY BY 7½"	"	"
I_{12}	24	⅞"φ	9'-3"	"	"
I_{13} To I_{18}	2 ea.	⅞"φ	14'-8" to 19'-3" VARY BY 11"	"	"
J_1	4	⅝"φ	27'-0"	"	"
J_2	4	⅝"φ	20'-6"	"	"
K	4	¾"φ	15'-9"	"	TOP SLAB
L_1 To L_3	4 ea.	½"φ	8'-2" to 15'-0" VARY BY 3'-5"	"	T+B APRON
L_4	14	½"φ	17'-9"	"	"
L_5 To L_7	4 ea.	½"φ	15'-9" to 9'-1" VARY BY 3'-4"	"	"

TOTAL QUANTITIES

CLASS "A" CONCRETE ______ 136.6 C.Y.
REINFORCING STEEL ______ 17,607 LBS

Concrete P.F.L. Barrel ______ 2.1234 C.Y.
Concrete P.F.D. Cut-Off Wall (1end) ______ 1.0661 C.Y.
Excavation P.F.D., P.F.L. Barrel ______ 0.7037 C.Y.

CONSTRUCT WEEP HOLES AND FRENCH DRAINS. SEE PARA. 71D28 OF STANDARD SPECIFICATIONS.

NOTES:

Design Specifications:- "Standard Specifications for Highway Bridges" A.A.S.H.O. 1941, (Except fs.), fs = 20,000 #/in², fc = 1,000 #/in², n = 10, v = 90 #/in², u = 165 #/in², H 15 loading and 10' (max.) earth fill.

All concrete shall be class "A"

Chamfer all exposed edges ¾".

Center of main reinforcing steel shall be placed 2" from the surface of the concrete.

Depth of cut-off walls shall be determined by the Engineer and quantities added to those shown.

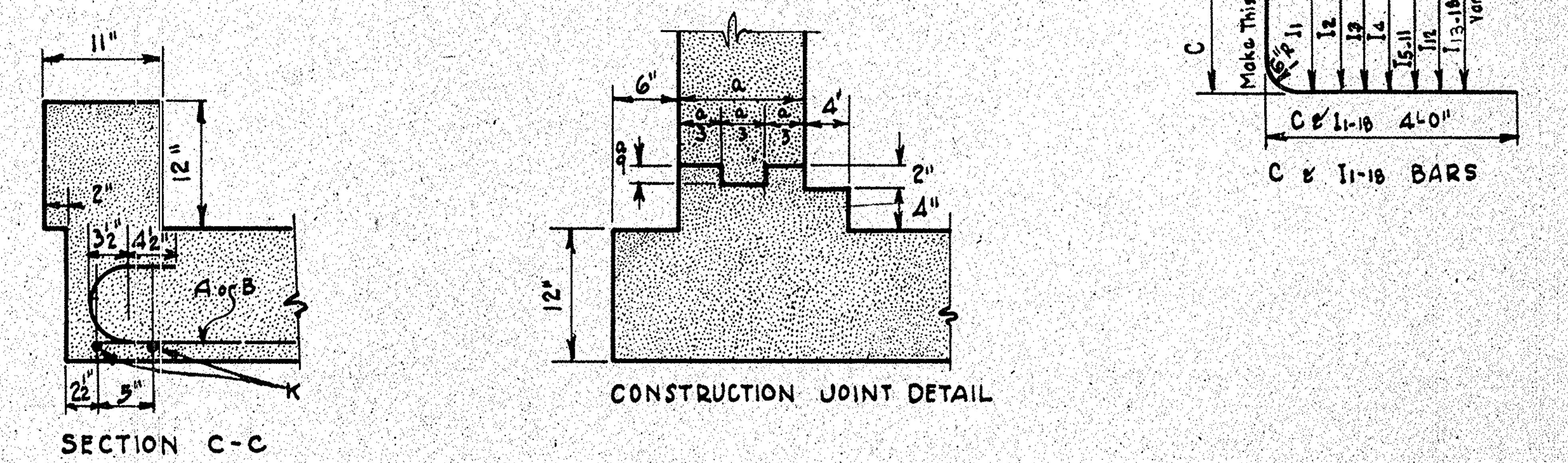
Structural grade reinforcing Steel not permitted.

All dimensions relative to reinforcing steel are to centers of bars.

This culvert drawn for a 30° skew; however, if a different skew angle is used, necessary adjustment should be made in field.

This culvert designed for H-15-S12 live load & full dead load.

The stresses are within the allowable unit stresses for H20-S16 live load when designed in accordance with the 1953 A.A.S.H.O. Specifications.



Adapted :- CMS 6-'57
Checked :- G.K.B. 6'-57

DESIGNED BY: W.B.B. 3-44 CHECKED BY: G.K.B. 3-44
DRAWN BY: W.R.T. 5-44 QUANTITIES BY: W.B.B. 6-44 CHECKED BY: A.T.C. 6-44
TRACED BY: W.R.T. 5-44 CHECKED BY: W.B.B. 6-44

S. C. STATE HIGHWAY DEPARTMENT
COLUMBIA

CONCRETE CULVERT

REINFORCED BOX TYPE
12' x 14' x 34'-0" SKEWED 30°
STA. NO. 28+50 Connection
S.C. DOCKET NO. 11-352 Cherokee COUNTY
ROUTE NO. 29 DATE June, '57

B 1.1214 S 30

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	119	210

Cherokee Co.
Rt. 29

Ground Surface ... by
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Final Areas by
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Quantities Transferred and Inked by

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CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	~~11.3~~ 11552	~~I-301-2~~ I-301-2(10)	29	120	~~17~~ 210

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Cherokee Co.
Rt. 29
432-433

2084-2105 2:1

2085
2092 4:1

2 (14)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	11,347	I-301-2(7)	29	[illegible]	[illegible]

121 210

Cherokee Co
Rt. 29,
430-435-436.

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K+E

3 143

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	~~[illegible]~~ 11-352	~~I-301-2(7)~~ I-301-2(10)	29	~~[illegible]~~ 122	~~[illegible]~~ 210

Cherokee Co.
Rt. 29,
437-

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4 (14)

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CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	~~[illegible]~~ 11-352	~~F301-2(7)~~ 1-301-2(10)	29	~~[illegible]~~ 123	~~[illegible]~~ 210

Cherokee Co.
Rt. 29.
438-439

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5 147 60 15

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	~~11-347~~	I-301-2	29		

11-352 I-301-210 124 210

Cherokee Co.
R. 29
440

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6 140

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	~~[illegible]~~ 11-352	~~1-301-2(7)~~ 1-301-2(10)	29	~~[illegible]~~ 125	~~[illegible]~~ 210

Cherokee Co
Rd. 29

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Quantities Transferred and Inked by..................

7 (149)

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	~~11-347~~	~~301-27~~	29	~~17~~	~~117~~

11-352 1-301-2(10) / 126/210

Cherokee Co.
Rt. 29
443-444

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8 140

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	~~[illegible]~~ 11-352	~~-301-2(7)~~ I-301-2(10)	29	~~445~~ 127	~~447~~ 218

Cherokee Co
Rt. 29
445-447

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9 (1st)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	~~11347~~	~~1-301-2(7)~~	29	~~[illegible]~~	~~[illegible]~~

11-352 1-301-2(10) 128 210

Cherokee Co.
Rt. 29,
448
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CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	~~11,847~~	I-301-2(7)	29	~~417~~	~~417~~

11-352 / I-301-2(10) 129/210

Cherokee Co
Rt. 29
450
451

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11 (153)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	1-301-2(10)	29	130	216

Cherokee Co
Rt. 29
452
453

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12

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	1-310-2(1)	29	131	210

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Quantities Transferred and Inked by.................

Cherokee Co.
Dkt.
Rt. 29
154-155

13

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	1-3017(10)	29	132	210

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Cherokee Co.
Rt. 29
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Quantities Transferred and Inked by........

14

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	133	210

Cherokee Co.
Rt. 29
457
458

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15

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	134	218

Cherokee Co.
21.29
459
460

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16

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	135	210

Cherokee Co.
Rt. 29
461-462

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17

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	1-301-2(0)	29	136	218

Cherokee Co.
Rt. 29
463
464

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Quantities Transferred and Inked by.................

18

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CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	F-301-2(6)	29	137	210

Cherokee RT. 29

465,466

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Quantities Transferred and Inked by........

19

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	138	216

cherokee
RT. 29

467

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20

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	F-301-2(10)	29	139	218

Cherokee
RT. 29

468

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21

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	11-352	I-301-2(1)	29	190	210

Cherokee
Rt. 29

469

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22

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	141	218

cherokee
RT. 29

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23

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	F-501-2(10)	29	192	210

Cherokee
RT. 29

071

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CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	V1-352	I-301-2(10)	29	143	218

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Cherokee
Rt. 29
472
25

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(6)	29	191	218

Cherokee
Rt. 29

473

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26

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11·352·	I-301-2(6)	29	195	218

Cherokee
RT. 29

47A

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Quantities Transferred and Inked by..................

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27

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-3352	9-301-2(10)	29	196	218

33/231

Cherokee RT. 29

475

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CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	147	210

Cherokee
RT. 29

476

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K+E 10700

29

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CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Charokee	11-35 Z	I-301-2(10)	29	148	210

Cherokee
Rt. 29

477

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K+E

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CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	11-352	I-301-2(1)	29	149	210

Cherokee
Rt. 29

478

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Areas by..............
" Checked by..............
Template Sections Revised by..............
" " Checked by..............
Final Areas by..............
" " Checked by..............
Quantities Transferred and Inked by..............

31

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(1)	29	150	210

Ground Surface [illegible] by.................
" " Checked by.................
Template Sections Platted by.................
" " Checked by.................
Areas by.................
" Checked by.................
Template Sections Revised by.................
" " Checked by.................
Final Areas by.................
" " Checked by.................
Quantities Transferred and Inked by.................

Cherokee RT. 29

479480

32

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	151	210

Cherokee Rt. 29

481-486

Ground Surface [illegible] by
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

33

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	132	210

cherokee
RT. 29

487

Ground Surface P[illegible]d by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

K+E BANKNOTE

34

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	153	210

Cherokee
RT. 29

488

Ground Surface P[illegible]d by.................
" " Checked by.................
Template Sections Platted by.................
" " Checked by.................
Areas by.................
" Checked by.................
Template Sections Revised by.................
" " Checked by.................
Final Areas by.................
" " Checked by.................
Quantities Transferred and Inked by.........

35

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(1)	29	154	210

Cherokee
RT. 29

489

Ground Surface P[illegible]d by........................
" " Checked by........................
Template Sections Platted by........................
" " Checked by........................
Areas by........................
" Checked by........................
Template Sections Revised by........................
" " Checked by........................
Final Areas by........................
" " Checked by........................
Quantities Transferred and Inked by........

K&E BANKNOTE T.M. TRACING PAPER

36

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(1)	29	155	210

Cherokee
Rt. 29
(290)

Ground Surface [illegible] by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

37

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	156	218

Cherokee
Rt. 29

191

Ground Surface [illegible]d by.................
" " Checked by.................
Template Sections Platted by.................
" " Checked by.................
Areas by.................
" Checked by.................
Template Sections Revised by.................
" " Checked by.................
Final Areas by.................
" " Checked by.................
Quantities Transferred and Inked by.................

38

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CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	157	210

Cherokee
R. 29
#192

Ground Surface ..d by........
" " Checked by........
Template Sections Platted by........
" " Checked by........
Areas by........
" Checked by........
Template Sections Revised by........
" " Checked by........
Final Areas by........
" " Checked by........
Quantities Transferred and Inked by........

39

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	158	210

Cherokee
Rt 29
493

Ground Surface ... by
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

40

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(1)	29	159	210

Cherokee
Route 29
494

Ground Su[illegible]ed by........................
" [illegible]Checked by........................
Template Sections Platted by........................
" " Checked by........................
Areas by........................
" Checked by........................
Template Sections Revised by........................
" " Checked by........................
Final Areas by........................
" " Checked by........................
Quantities Transferred and Inked by........

41

K+E BANKNOTE TRACING T.M. TRACING PAPER

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CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301(210)	29	168	210

Cherokee
Route 29
495

Ground Surface Platted by........
" " Checked by........
Template Sections Platted by........
" " Checked by........
Areas by........
" Checked by........
Template Sections Revised by........
" " Checked by........
Final Areas by........
" " Checked by........
Quantities Transferred and Inked by........

K+E
42

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	161	210

Cherokee
Rt. 29
196

Ground Surface ed by.......................
" " Checked by.......................
Template Sections Platted by.......................
" " Checked by.......................
Areas by.......................
" Checked by.......................
Template Sections Revised by.......................
" " Checked by.......................
Final Areas by.......................
" " Checked by.......................
Quantities Transferred and Inked by.......

43

K+E BANKNOTE 1745

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CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-3012(10)	29	162	210

Cherokee
Rt. 29
097

Ground Surface [illegible]ed by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

K+E

44

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CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11.352	I-301-2(10)	29	163	210

Cherokee
Rt. 29
497,498

Ground Surface Platted by............
" " Checked by............
Template Sections Platted by............
" " Checked by............
Areas by............
" Checked by............
Template Sections Revised by............
" " Checked by............
Final Areas by............
" " Checked by............
Quantities Transferred and Inked by............

K+E BANKNOTE 1745

45

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	11-352	301-2-(10)	29	164	210

Cherokee
Rt. 29
498, 499

Ground Surface Plotted by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

46

K&E DANNKOTE 1740

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CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	F-301-2(10)	29	165	210

Cherokee
Rt. 29
199

Ground Surface Platted by.........
" " Checked by.........
Template Sections Platted by.........
" " Checked by.........
Areas by.........
" Checked by.........
Template Sections Revised by.........
" " Checked by.........
Final Areas by.........
" " Checked by.........
Quantities Transferred and Inked by.........

K+E ALBANENE 174S

47

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CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	301-21(?)	29	166	218

24.7
2.35
.9

Cherokee
Rt. 29
500

Ground Surface Plotted by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

K+E DANKNOTE 1785

48

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CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(1)	29	167	210

Cherokee
Rt. 29
500
501

Ground Surface F[illegible]d by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

K+E BANKNOTE TRACING PAPER

49

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CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	301-2(1)	29	168	210

Cherokee Route 29

302,503

Ground Surface Platted by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

50

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(4)	29	169	210

Rt. 29
Berm Ditch

Ground Surface I[illegible]d by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

51

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-35	I-301-2(10)	29	178	210

Cherokee Co.
Rt. 29

Relo.

Ground Surface P d by.................
" " Checked by.................
Template Sections Platted by.................
" " Checked by.................
Areas by.................
" Checked by.................
Template Sections Revised by.................
" " Checked by.................
Final Areas by.................
" " Checked by.................
Quantities Transferred and Inked by.........

53

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	F-201-2(6)	29	171	210

Cherokee Co.
Rt. 29
Relocation

Ground Surface ...d by.........
" " Checked by.........
Template Sections Platted by.........
" " Checked by.........
Areas by.........
" Checked by.........
Template Sections Revised by.........
" " Checked by.........
Final Areas by.........
" " Checked by.........
Quantities Transferred and Inked by.........

52

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	1-201-2(13)	29	172	210

Cherokee Co.
Rt. 29

Relo.

Ground Surface ___d by............
" " Checked by............
Template Sections Platted by............
" " Checked by............
Areas by............
" Checked by............
Template Sections Revised by............
" " Checked by............
Final Areas by............
" " Checked by............
Quantities Transferred and Inked by............

54

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	7301-2(10)	29	173	210

Cherokee Co.
Rt 29
Relo.

Ground Surface ... ed by.....
" " Checked by.....
Template Sections Platted by.....
" " Checked by.....
Areas by.....
" Checked by.....
Template Sections Revised by.....
" " Checked by.....
Final Areas by.....
" " Checked by.....
Quantities Transferred and Inked by.....

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	301-2(10)	29	174	210

Cherokee Co.
Rt. 29

Relo.

Ground Surface ...ed by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

56

K+E BANKNOTE 17-15 T.M. TRACING PAPER

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	11-352	301-2(10)	29	175	218

Cherokee Co.
Rt. 29

Relo.

Ground Surface [illegible]ed by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

57

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	301-2(10)	29	176	210

CROSS SECTIONS

Scale 1 inch = 5 feet

Cherokee Co.
Rt. 29
Relo.

Ground Surface [illegible]ed by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

58

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	3042(10)	29	177	210

CROSS SECTIONS

Scale 1 inch = 5 feet

Cherokee Co.
Rt. 29
Relo.

Ground Surface Platted by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

59 (8)

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-382	I-301-2-(10)	29	178	210

Cherokee Co.
Rt. 29
Relo.

Ground Surface Plotted by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

K+E BANKNOTE 1749

60

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CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	301-2(10)	29	179	210

Cherokee Co.
Rt. 29
Relo.

Ground Surface [illegible]d by........................
" " Checked by........................
Template Sections Platted by........................
" " Checked by........................
Areas by........................
" Checked by........................
Template Sections Revised by........................
" " Checked by........................
Final Areas by........................
" " Checked by........................
Quantities Transferred and Inked by........................

61 ~~K~~

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	301-2(10)	29	188	210

Cherokee Co.
Rt. 29
Relo.

Ground Surface ...d by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

62 X

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-35 2	301-2(10)	29	181	218

Cherokee Co.
Rt. 29
Relo.

Ground Surface ... by ......
" " Checked by ......
Template Sections Platted by ......
" " Checked by ......
Areas by ......
" Checked by ......
Template Sections Revised by ......
" " Checked by ......
Final Areas by ......
" " Checked by ......
Quantities Transferred and Inked by ......

K+E BANKNOTE 1743

63

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	182	210

Cherokee Co.
Rt. 29
Relo.

Ground Surface P[illegible] by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

64

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	311-2(18)	29	183	218

Cherokee Co.
Rt. 29
Relo.

Ground Surface ...ed by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" Checked by..........
Quantities Transferred and Inked by..........

65

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	184	210

Cherokee Co.
Rt. 29
Relo.

Ground Surface ... by........
" " Checked by........
Template Sections Platted by........
" " Checked by........
Areas by........
" Checked by........
Template Sections Revised by........
" " Checked by........
Final Areas by........
" Checked by........
Quantities Transferred and Inked by........

66 (#)

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	11-352	7-381-2(10)	29	105	210

Cherokee Co.
Rt. 29
Relo.

Ground Surface Plotted by............
" " Checked by............
Template Sections Platted by............
" " Checked by............
Areas by............
" Checked by............
Template Sections Revised by............
" " Checked by............
Final Areas by............
" " Checked by............
Quantities Transferred and Inked by............

67 (X)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	310-21(1)	29	186	210

Cherokee Co
Rt. 29
Relo.

Ground Surface ...ed by........................
" " Checked by........................
Template Sections Platted by........................
" " Checked by........................
Areas by........................
" Checked by........................
Template Sections Revised by........................
" " Checked by........................
Final Areas by........................
" " Checked by........................
Quantities Transferred and Inked by........................

68.

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-382	T-301-2(1)	29	187	218

Cherokee Co.
Rt. 29
Relo.

Ground Surface ...ed by..................
" " Checked by..................
Template Sections Platted by..................
" " Checked by..................
Areas by..................
" Checked by..................
Template Sections Revised by..................
" " Checked by..................
Final Areas by..................
" " Checked by..................
Quantities Transferred and Inked by..................

69

K+E BANKNOTE 1745

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-332	3106(16)	29	188	210

Cherokee Co.
Rt. 29
Relo.

Ground Surface Plotted by............
" " Checked by............
Template Sections Platted by............
" " Checked by............
Areas by............
" Checked by............
Template Sections Revised by............
" " Checked by............
Final Areas by............
" " Checked by............
Quantities Transferred and Inked by............

K+E BANKNOTE 1345

70

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	310-2(1)	29	189	210

Cherokee Co.
Rt. 29
Relo.

Ground Surface Platted by....................
" " Checked by....................
Template Sections Platted by....................
" " Checked by....................
Areas by....................
" Checked by....................
Template Sections Revised by....................
" " Checked by....................
Final Areas by....................
" " Checked by....................
Quantities Transferred and Inked by....................

71

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-358	I-301-2(10)	29	198	210

Cherokee Co.
Rt. 29
Relo.

Ground Surface ...ed by........
" " Checked by........
Template Sections Platted by........
" " Checked by........
Areas by........
" Checked by........
Template Sections Revised by........
" " Checked by........
Final Areas by........
" Checked by........
Quantities Transferred and Inked by........

72

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(1)	29	191	210

186
25
211

Cherokee Co.
Rt. 29
Relo.

Ground Surface ... ed by ...
" " Checked by ...
Template Sections Platted by ...
" " Checked by ...
Areas by ...
" Checked by ...
Template Sections Revised by ...
" " Checked by ...
Final Areas by ...
" " Checked by ...
Quantities Transferred and Inked by ...

73 (24)

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	192	210

Cherokee Co
Rt. 29
Relo.

Ground Surface ... by.........
" " Checked by.........
Template Sections Platted by.........
" " Checked by.........
Areas by.........
" Checked by.........
Template Sections Revised by.........
" " Checked by.........
Final Areas by.........
" " Checked by.........
Quantities Transferred and Inked by.........

74

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-10	29	193	210

Cherokee Co.
Rt. 29
Relo.

Ground Surface ... by........................
" " Checked by........................
Template Sections Platted by........................
" " Checked by........................
Areas by........................
" Checked by........................
Template Sections Revised by........................
" " Checked by........................
Final Areas by........................
" Checked by........................
Quantities Transferred and Inked by........................

75

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	11-352	I-501-21(1)	29	194	210

Cherokee Co.
Rt. 29
Relo.

Ground Surface ___ed by.................
" " Checked by.................
Template Sections Platted by.................
" " Checked by.................
Areas by.................
" Checked by.................
Template Sections Revised by.................
" " Checked by.................
Final Areas by.................
" " Checked by.................
Quantities Transferred and Inked by.................

K+E BANKNOTE 1745

76 (28)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	1311(4)	29	195	210

Cherokee Co.
Rt. 29
Relo.

Ground Surface [illegible]ed by........
" " Checked by........
Template Sections Platted by........
" " Checked by........
Areas by........
" Checked by........
Template Sections Revised by........
" " Checked by........
Final Areas by........
" " Checked by........
Quantities Transferred and Inked by........

77

CROSS SECTIONS
Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-341-2(10)	29	196	218

Cherokee Co.
Rt. 29
Relo.

Ground Surface ... by........
" " Checked by........
Template Sections Platted by........
" " Checked by........
Areas by........
" Checked by........
Template Sections Revised by........
" " Checked by........
Final Areas by........
" " Checked by........
Quantities Transferred and Inked by........

78

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(14)	29	197	210

Cherokee Co.
Rt. 29
Relo.

Ground Surface ...ed by......
" " Checked by......
Template Sections Platted by......
" " Checked by......
Areas by......
" Checked by......
Template Sections Revised by......
" " Checked by......
Final Areas by......
" " Checked by......
Quantities Transferred and Inked by......

K+E

79

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S.C.	Cherokee	11-358	301-2(10)	29	198	210

Cherokee Co.
Rt. 29
Rels.

Ground Surface ... ed by........
" " Checked by........
Template Sections Platted by........
" " Checked by........
Areas by........
" Checked by........
Template Sections Revised by........
" " Checked by........
Final Areas by........
" " Checked by........
Quantities Transferred and Inked by........

K&E BANKNOTE 4745 ROUND

80

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	301-2(10)	29	199	210

Cherokee Co.
Rt. 29
Relo.

Ground Surface Platted by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

81 (38)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	200	210

Cherokee Co.
Rt. 29

Relo.

Ground Surface ... ed by........
" " Checked by........
Template Sections Platted by........
" " Checked by........
Areas by........
" Checked by........
Template Sections Revised by........
" " Checked by........
Final Areas by........
" Checked by........
Quantities Transferred and Inked by........

K+E

80-3X

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	7301-2(1)	29	201	210

Cherokee Co.
Rt. 29
channel change

Ground Surface Platted by..................
" " Checked by..................
Template Sections Platted by..................
" " Checked by..................
Areas by..................
" Checked by..................
Template Sections Revised by..................
" " Checked by..................
Final Areas by..................
" Checked by..................
Quantities Transferred and Inked by..................

83

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	202	210

CROSS SECTIONS

Scale 1 inch = 5 feet

Rt. 29
Channel Change

Ground Surface ... by ...
" " Checked by ...
Template Sections Platted by ...
" " Checked by ...
Areas by ...
" Checked by ...
Template Sections Revised by ...
" " Checked by ...
Final Areas by ...
" " Checked by ...
Quantities Transferred and Inked by ...

84 (21)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	F-301-2(1)	29	203	210

Ground Surface [illegible] by........
" " Checked by........
Template Sections Platted by........
" " Checked by........
Areas by........
" Checked by........
Template Sections Revised by........
" " Checked by........
Final Areas by........
" " Checked by........
Quantities Transferred and Inked by........

85

2220+00

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352		29	204	210

Rt. 29
Channel Change

Ground Surface Platted by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

86

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(1)	29	205	210

Ground Surface ... by
" " Checked by
Template Sections Platted by
" " Checked by
Areas by
" Checked by
Template Sections Revised by
" " Checked by
Final Areas by
" " Checked by
Quantities Transferred and Inked by

87

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(4)	29	206	210

Rt. 29 Channel Change

Ground Surface [illegible]d by........................
" " Checked by........................
Template Sections Platted by........................
" " Checked by........................
Areas by........................
" Checked by........................
Template Sections Revised by........................
" " Checked by........................
Final Areas by........................
" " Checked by........................
Quantities Transferred and Inked by........

K+E BANKNOTE

88 (4)

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY.	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	207	210

Cherokee Co
Rt. 29
Berm Ditch

Ground Surface Plotted by......
" " Checked by......
Template Sections Platted by......
" " Checked by......
Areas by......
" Checked by......
Template Sections Revised by......
" " Checked by......
Final Areas by......
" Checked by......
Quantities Transferred and Inked by......

89

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(1)	29	208	210

South Bound Lane
(Left Lane)

Cherokee Co.
Rt. 29

Ground Surface [illegible]ed by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

90

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-354	F-301-2(10)	29	209	210

Cherokee Co.
Rt. 29

Ground Surface [illegible]ed by..........
" " Checked by..........
Template Sections Platted by..........
" " Checked by..........
Areas by..........
" Checked by..........
Template Sections Revised by..........
" " Checked by..........
Final Areas by..........
" " Checked by..........
Quantities Transferred and Inked by..........

91

CROSS SECTIONS

Scale 1 inch = 5 feet

FED. ROAD DIV. NO.	STATE	COUNTY	DOCKET NO.	PROJECT NO.	ROUTE NO.	SHEET NO.	TOTAL SHEETS
3	S. C.	Cherokee	11-352	I-301-2(10)	29	210	210

South Bound Lane

Left Lane

Survey

Cherokee Co.

Rt. 29

Ground Surface ed by........................

" " Checked by........................

Template Sections Platted by........................

" " Checked by........................

Areas by........................

" Checked by........................

Template Sections Revised by........................

" " Checked by........................

Final Areas by........................

" " Checked by........................

Quantities Transferred and Inked by........................

92

K+E BANKNOTE 1745 T.M. TRACING PAPER