P.C.C PAVEMENT / GRADE AND NEW
NHSX-63-8(17)--3H-19

CHICKASAW CO.

METRIC STANDARD ROAD PLANS

105-4
09-27-94

The following Standard Road Plans shall be considered applicable to construction work on this project.

NUMBER	DATE	NUMBER	DATE	NUMBER	DATE
RA-67A	2-11-00	RF-5	10-03-00	RH-51	10-03-00
RA-67B	4-27-99	RF-13	10-28-97	RH-52	3-26-96
RA-67C	4-27-99	RF-14	4-25-00	RH-53	4-03-01
RC-5	4-27-99	RF-19B	12-13-94	RH-55	4-03-01
RC-14	4-27-99	RF-19C	10-03-00	RH-56	4-03-01
RC-16A	10-27-98	RF-19E	10-03-00	RK-19A	10-03-00
RC-16B	9-21-99	RF-19F	4-25-00	RK-19B	10-03-00
RE-2B	4-03-01	RF-21	6-06-95	RL-1B	10-03-00
RE-7	10-03-00	RF-26	6-06-95	RL-2A	10-03-00
RE-12A	4-27-99	RF-30A	3-28-95	RL-4	9-21-99
RE-12B	4-03-01	RF-30B	1-12-99	RL-7	12-13-94
RE-27B	10-28-97	RF-31	10-28-97	RL-9	10-03-00
RE-47	4-03-01	RF-32	3-28-95	RL-12	10-03-00
RE-48A	4-03-01	RF-33	3-28-95	RL-13	4-03-01
RE-53	10-03-00	RF-38(1)	10-03-00	RL-14	1-12-99
RE-56	4-03-01	RF-38(2)	10-03-00	RP-1	4-28-98
RE-65A	4-03-01	RF-41	10-31-95	RP-2	10-03-00
RE-68	10-03-00	RF-42	3-28-95	RP-3	4-28-98
RE-69A	10-03-00	RF-43	10-03-00	RS-1	10-27-98
RE-71(1)	9-21-99	RH-19	9-27-94	RS-2	10-27-98
RE-71(2)	9-21-99	RH-22	1-12-99	RS-3	6-06-95
RE-72	9-21-99	RH-37D	4-03-01	RS-8	2-11-00
RE-75	4-28-98	RH-39	9-27-94	RS-16	10-28-97
RE-76	4-03-01	RH-41A	4-03-01	RS-26A	10-28-97
RF-1	10-03-00	RH-41B	4-03-01	RS-50(A)	2-11-00
RF-2	6-06-95	RH-41D	10-03-00		
RF-3	10-03-00	RH-50	4-27-99		

Iowa Department of Transportation
Project Development Division

PLANS OF IMPROVEMENT ON THE

PRIMARY ROAD SYSTEM

CHICKASAW COUNTY

P.C.C. PAVEMENT / GRADE AND NEW

ON U.S. 63 NEW HAMPTON BY-PASS
FROM 2.1 KM SOUTH OF U.S. 18 N. TO SOUTH OF 240TH ST.

SCALES: As Noted

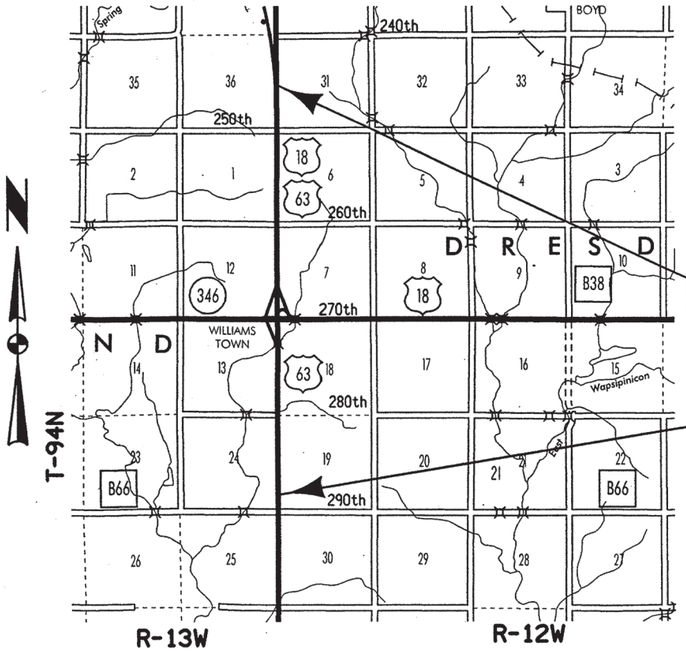
The Iowa Department of Transportation Metric Standard Specifications for Highway and Bridge Construction, series of 1995, plus current supplemental specifications and special provisions shall apply to construction work on this project.

Value Engineering Saves. Refer to Standard Notation 203-4 on Sheet C.03

PROJECT LENGTH SUMMARY

105-1
09-27-94

DIV.	LOCATION	m	km
1	RURAL Sta. 38+60to Sta. 102+00	6340	6.340
	Total Length of Project	6340	6.340



STA. 102+00.00
END PROJECT
M.P. 195.081

STA. 38+60.00
BEGIN PROJECT
M.P. 199.021

LOCATION MAP SCALE
0 1 2 3 4 5
KILOMETERS

Form 520003 12-97

I hereby certify that this project was constructed in accordance with the contract documents, the "as-built" plans were prepared under my supervision, and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

GEORGE E. FEAZELL 10613 IOWA — LICENSED PROFESSIONAL ENGINEER

Project Engineer — Date: 3-8-04

My license renewal date is December 31, 2004

2001-2002 — Year — Fred Carlson Co. Inc. — Contractor — Robert Beckman — Project Inspector

REVISIONS
4-17-01 Revision - A.03

MOD 101-4

DESIGN DATA RURAL

2001 AADT	3720	V.P.D.
2021 AADT	4570	V.P.D.
2021 DHV	492	V.P.H.
TRUCKS	30	%
Daily Design Year ESALs		

INDEX OF SEALS

SHEET NO.	NAME	TYPE
A.01	Keith A. Cadwell	Primary Signature Block
C.16	Robert Stanley	Geotechnical
C.20	David Clamen	Hydraulic
V.03	Surendra K. Gupta	Structural
V.13	William Tucker	Structural
A.03	Keith A. Cadwell	Revision

TOTAL SHEETS 361

PROJECT NUMBER
NHSX-63-8(17)--3H-19
R.O.W. PROJECT NUMBER
NHSN-63-8(18)--2R-19
PROJECT IDENTIFICATION NUMBER
94-19010-1

INDEX OF SHEETS

105-3
09-27-94

NO.	DESCRIPTION
A.01	Title Sheet
A.02	Legend and Symbol Information Sheet
B.01-B.10	Typical Cross Section Sheets
C.01-C.22	Quantities, Tabulations, and General Information
D.01-D.12	Mainline Plan and Profile Sheets
E.01-E.06	Side Road Plan and Profile Sheets
F.01-F.06	Side Road Plan and Profile Sheets
G.01-G.05	Bench Marks, Reference Points, and Global Positioning System
J.01-J.03	Project Staging Details
J.04	Traffic Control and Staging Details for Detour Run-arounds
J.05	Staging Details at Temporary Intersection of U.S. 63 and U.S. 18
J.06	Staging Details at Crossover Sta. 74+65
J.07-J.08	Traffic Control and Staging Details at Culvert Replacement Sta. 50+97
K.01-K.15	Geometric, Staking Details and Ramp Profiles for 270th Street Interchange
L.01-L.06	Geometric, Staking and Jointing Details of Crossover Locations
L.07-L.08	Details of 270th St. Transitions
Q.01-Q.20	Soils Survey Sheets
T.01-T.09	Tabulation of Earthwork Quantities
U.01	Detail Sheet 550-1; 4.8 m Exit Ramp
U.02	Detail Sheet 550-2C; 4.8 m Entrance Ramp
U.03	Detail Sheet 550-4; 5.5 m Exit Loop
U.04	Detail Sheet for Ramp "D" Entrance, Acceleration Taper
U.05	Geometric and Staking Details of Median Crossover Sta. 40+60
U.06	Details of Median Crossover Sta. 40+60
U.07	Geometric Details of Median Crossover Sta. 74+00
U.08	Details of Beveled Pipe Apron Guard; 500-12
U.09	Details of Temporary Connection Sta. 102+00
U.10	Typical Jointing Details for 4.8 m Exit and Entrance Ramp; 550-5
U.11	Typical Jointing Details for 5.5 m Exit and Entrance Loop; 550-6
U.12	Temporary Floodlighting; 570-2
U.13	Modified 535-1; Paved Shoulder With 150 mm Sloped Curb
V.01-V.02	Bridge and Culvert Situation Plans
V.03-V.11	Bridge Design 1799 Structural Plans
V.12	Culvert Situation Plan
V.13-V.14	Bridge Design 101 Structural Plans
V.15-V.17	Culvert Situation Plans
W.01-W.115	Mainline Cross Sections
X.01-X.55	Side Road
Y.01-Y.29	Ramp Cross Sections

LICENSED PROFESSIONAL ENGINEER Keith Allen Cadwell 12095 IOWA

I hereby certify that this plan was prepared by me or under my direct personal supervision and that I am a duly licensed Professional Engineer under the laws of the State of Iowa.

Signature: Keith A. Cadwell — Date: 4/17/01

Keith A. Cadwell
Printed or Typed Name

My license renewal date is December 31, 2002

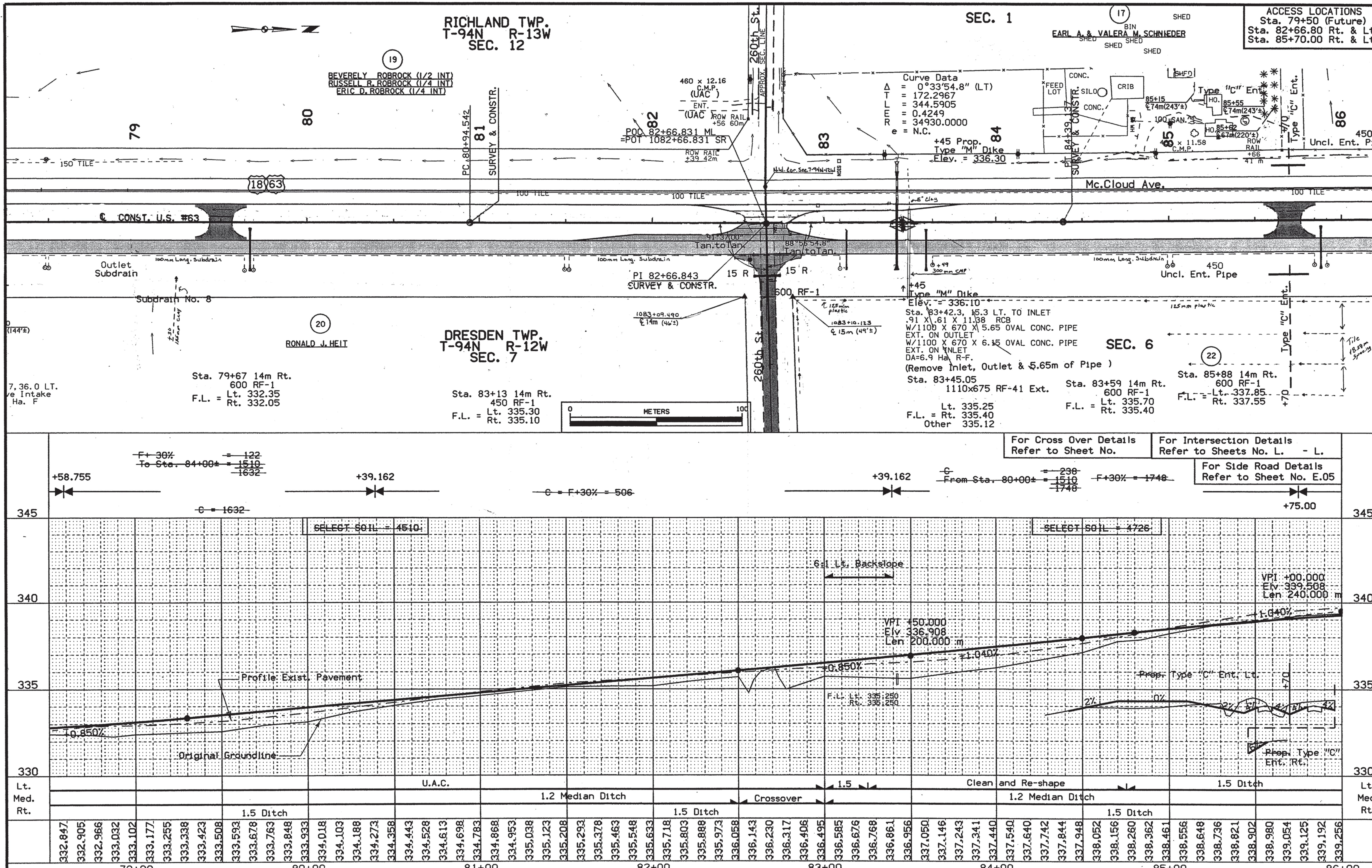
Pages or sheets covered by this seal: A.01; A02; B.01-B.10; C.01-C.15; D.01-D.12; E.01-E.06; F.01-F.06; G.01-G.14; J.01-J.08; K.01-K.15; L.01-L.08; T.01 & T.09; U.01 & U.13; V.01-V.02; V.12 & V.15-V.17 W.01-W.115; X.01-X.55; Y.01-Y.29

317
BJC

1000

DESIGN TEAM	METRIC	IOWA DOT * OFFICE OF DESIGN	CHICKASAW	NHSX-63-8(17)--3H-19	SHEET NUMBER
CADWELL/WULF/CAMERON					A.01

22-JAN-2001 15:26 jholst s:\PROJECTS\19063010A94\DESIGN\k19063017.a01



1000	DESIGN TEAM CADWELL/WULF/CAMERON	METRIC	IOWA DOT * OFFICE OF DESIGN	CHICKASAW	COUNTY	PROJECT NUMBER	NHSX-63-8(17)--3H-19	SHEET NUMBER	D.09

23-JAN-2001 15:00 hwulf s:\PROJECTS\19063010A94\DESIGN\k19063017.d09