9 COPIES

FED. ROAD REG NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.
9	NEB.	F 208 (23)		1

* Revised 7-18-67
** Revised 7-20-67
*** " 1-8-68.
† " 6-3-68
†† " 6-28-68

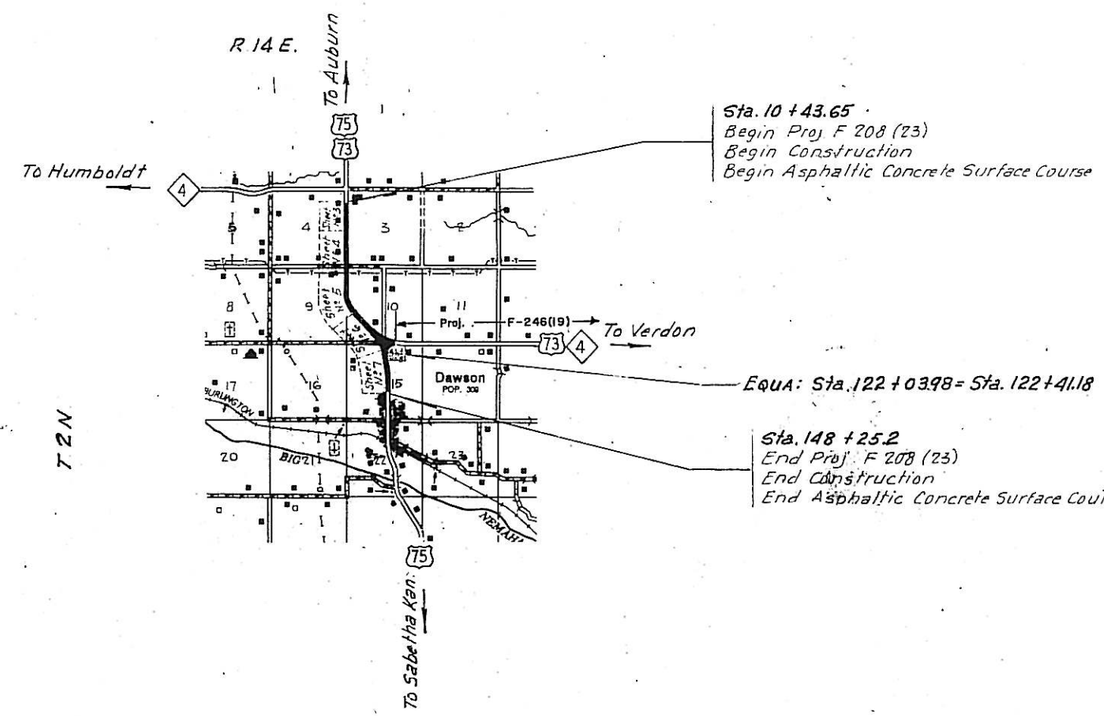
The 1965 Standard Specifications of Nebraska approved by the Bureau of Public Roads on Dec. 30, 1964. The Supplemental Specifications dated Jan. 3, 1967 and the Special Provisions apply to this project.

DRAWN R. WRIGHT
DATE JUNE, 1969

STATE OF NEBRASKA
DEPARTMENT OF ROADS
BUREAU OF HIGHWAYS
PLAN AND PROFILE OF PROPOSED
STATE HIGHWAY
FEDERAL AID PRIMARY PROJECT Nº F 208 (23)
AUBURN - DAWSON
RICHARDSON COUNTY

INDEX OF SHEETS

1. TITLE PAGE.
2-L1 to 2-L5 Details of Intersection, U.S. 73 & U.S. 75 * Rev. Sh. #2-L2 * Voided Sh. #2-L3 *
2-L3-A " " " " 73 " " " 75 * Added to Supersede Sh. #2-L3 *
3 Plan and Profile, Sta. 10 + 43.65 to Sta. 30 + 00
4. " " " " 30 + 00 " " 60 + 00
5 " " " " 60 + 00 " " 90 + 00 †† Revised 6-28-68
6. " " " " 90 + 00 " " 120 + 00 *** R.O.W. Rev. ***. †† Revised 6-28-68
7 " " " " 120 + 00 " " 148 + 52.5 *** " " " ***.
8 " " " " 2133 + 00 " " 2136 + 00 † Rev. 6/3/68
9 Profiles * Rev. Grades *



LEGEND

PREVIOUS R.O.W.
NEW R.O.W., NON-CONTROLLED ACCESS
NEW R.O.W., CONTROLLED ACCESS
LIMITS OF CONSTRUCTION
CHANNEL
DIKE
FILL ENCROACHMENT
R.R. EASEMENT
ACCESS ROAD
PERM. DRIVE EASE.
TEMPORARY EASEMENTS: BORROW-CONSTRUCTION-HAUL ROAD-DETOUR-WASTE DISPOSAL-ETC.
SCALE 1" = 200' UNLESS OTHERWISE NOTED

CONVENTIONAL SIGNS

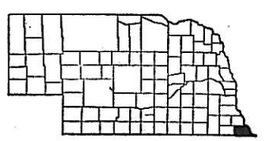
BASE or SURVEY LINE
DYKE
CULVERTS
POWER POLE
TELEPHONE or TELEGRAPH POLE
MARSH
HEDGE
TREES
GROUND ELEVATION
GRADE ELEVATION
CONTROLLED ACCESS LINE
WAY

EQUATION
Sta. 122 + 03.98 = Sta. 122 + 41.18

EXCEPTIONS

FROM STA.	TO STA.	INCLUDED IN THIS LAYOUT

TOTAL LENGTH OF EXCEPTIONS FEET
TOTAL NET LENGTH OF Proj F-208 (23) 13,744.35 FEET 2.603 MILES



LICENSED PROFESSIONAL ENGINEER DONALD C. COFFEY E-637

APPROVED May 10 1967

D. C. Coffey
DESIGN ENGINEER

John W. Hancock
STATE ENGINEER

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS
APPROVED
DIVISION ENGINEER DATE

AUBURN-DAWSON		
RICHARDSON CO.	F-208(23)	2

OWNERSHIP RECORD

TRACT NO.	OWNER		DESCRIPTION	TOTAL AREA	TOTAL TAKING	NEW TAKING	EASEMENT PERM	EASEMENT TEMP	REMAINDER LEFT	REMAINDER RIGHT	SHEET NO
1	LUCILLE UNLAND MEYER, A WIDOW	H.C. KNICKERBOCKER, LESSEE	N^2NW^4 SEC. 3-2-14E RICHARDSON CO.		0.40AC.	0.17AC.					3
2	EDNA R. ULMER, A SINGLE WOMAN	WAYNE LEATHERMAN, LESSEE	S^2NW^4 & W^2SW^4 SEC. 3-2-14E		5.16AC.	1.92AC.					3&4
3	HUGH B. & MAREE RILEY, H&W, J.T.	JOHN CLARK, LESSEE	E^2NE^4 SEC. 4-2-14E		2.32AC.	1.09AC.	312.5 ㎡				3
4	REUBEN L. & TRUE S. ULMER, H&W	WAYNE LEATHERMAN, LESSEE	E^2SE^4 SEC. 4-2-14E		4.05AC.	2.02AC.	312.5 ㎡				3&4
5	JANIS A. & WILLIAM E. MARTIN, W&H, J.T.		PT. NW^4 SEC. 10-2-14E		4.65AC.	1.53AC.	632.6 ㎡				4&5
5A	NELSON H. & CECELIA ULMER, H&W	HARLAN & MARJORIE WACHTLER, CONTRACT BUYERS	E^2NE^4 SEC. 9-2-14E		2.92AC.	1.06AC.					4&5
6	ROBERT J. ALLEN, ET AL.		PT. SW^4 SEC. 10-2-14E		0.015 AC.	0.015AC.	820.6 ㎡				5
7	WESLEY L. & VIVA A. HEIM, H&W, J.T.		PT. SW^4 SEC. 10-2-14E		14.71AC.	5.83AC.	622.8 ㎡	6.90AC.			5&6
8	ARTHUR W. & LUCILE M. HEIM, H&W, J.T.		N^2NE^4 SEC. 15-2-14E		3.88AC.	2.02AC.	437.5 ㎡				6,7&8
9	PAUL S. & ALEITHA K. KERNER, H&W, J.T.		S^2NE^4 SEC. 15-2-14E		3.63AC.	1.18AC.	1062.5 ㎡				7
10	WALTER P. & LAURA ULMER, H&W, J.T.		PT. NW^4SE^4 SEC. 15-2-14E		0.42AC.	0.42AC.	625.0 ㎡				7
15	" " "		PT. NW^4SE^4 SEC. 15-2-14E		2524.0 ㎡	2524.0 ㎡					7
11	VILLAGE OF DAWSON		PT. NW^4SE^4 SEC. 15-2-14E C.A. ONLY								7
12	HARLAN S. & GOLDA E. HEIM, H&W, J.T.	RONALD P. HEIM, LESSEE	NW^4 SEC. 15-2-14E		5.92AC.	2.15AC.					6&7
12 SUPP.	" " "	" "	NW^4 SEC. 15-2-14E		0.19AC.	0.19AC.					6&7
13	EDWARD A. & CAROLYN L. HOGUE, H&W, T.C.		PT. NW^4SE^4 SEC. 15-2-14E		26.45 ㎡	26.45 ㎡					7
14	L.W., SR. & MARY ALICE HARDT, H&W, J.T.		PT. NW^4SE^4 SEC. 15-2-14E		0.04AC.	0.04AC.					7
16	LOWELL E. & VIOLET K. HEIM, H&W, J.T.		SE^4 SEC. 10-2-14E		3.06AC.	1.70AC.					6&8

F-208(23) 2-L1

* Revised 7/18/67

STA 107 + 21
2 x 2 x 6' CONC. BOX CULV.
W/ 2' WINGS & APRONS

Hedge Stumps

Match Line 7

POT. Sta 5010 + 00

STA 5008 + 78
36" x 57" CONC. CULV. PIPE
W/ DROP INLET ON LT & 6'
WINGS & APRON ON RT.
Use in Place.

STA 2113 + 93 ON LT
FLUME. Remove

STA 2114 + 25
2 x 2' x 48' CONC. BOX CULV.
W/ WINGS & APRONS. Remove
Headwalls. Plan 1823-R2. Extend
4' RT. W/ 45° Bend & 34' LT
W/ 25° Bend W/ 24" Rein. F. Conc.
Culvert Pipe W/ Flared End
Sections Plans 1844-D-R2.
& F-208(23)-1C
Exc. - 9 Cu. Yds.

PI 2115 + 61.4 =
PI 115 + 61.4 =
PI 3000 + 00.0
Δ = 45°00' Lt
D = 3°00
T = 791.2
L = 1500.0'

Sta 2117 + 00
Remove 9 Sq. Yds. Pavement
& Build 9 Sq. Yds. Conc. Pave.
Type "B"

Sta 2117 + 50
Build 24" x 36" Reinforced
Concrete Culvert Pipe W/
Flared End Sections.
Plan 1844-D-R2 Exc. 19 Cu. Yds.

STA. 2118 + 51
24 x 40 CMP CULV. & HDWLS.
Remove Exc. 26 Cu. Yds.

Sta 2118 + 51
Remove 9 Cu. Yds. Pavement &
Build 9 Cu. Yds. Conc. Pave.
Type "B"

STA 2122 + 21 ON LT
FLUME. Remove

To Falls City

Sta. 111 + 00 on Lt.
Build Curb Inlet, Plan 1816-M
Type "A" x 4'5" Y = 2'5" Exc. = 11 C.Y.

Sta 111 + 00
Build 18" x 44' Reinforced Concrete
Pipe w/ Inlet in Curb Inlet & Conc.
Flared End Section on Outlet. Plan
1844-D-R2. Exc. = 20 Cu. Yds.

5005
PI 2115 + 61.4 =
PI Sta 3000 + 00 =
PI Sta 115 + 61.4
Δ = 45°00' Lt

Co. Road 7

STA 4008 + 23 ON RT.
FLUME. Remove

Sta 4008 + 55 to 4028 + 25
Build 40' Conc. Island Nose.
Plan 2-G-R5

Sta 4004 + 00
Build 24" x 44" Reinforced
Concrete Culvert Pipe w/
Flared End Sections.
Plan 1844-D-R2 Exc. = 29 C.Y.

Sta 4002 + 25 on Rt.
Build Earth Drive.
Grade = 5%

STA. 4002 + 00
2 x 2' x 40' CONC. BOX CULV.
W/ WINGS & APRONS Use in Place

Sta 4002 + 00
Remove 9 Sq. Yds. of Pavement &
Build 9 Sq. Yds. of Conc. Pavement
Type "B"

STA. 4004 + 70
24" x 40' CMP CULV. & HDWLS.
Remove. Exc. = 25 Cu. Yds.

Sta 4004 + 70
Remove 9 Sq. Yds. of Pavement &
Build 9 Sq. Yds. of Conc. Pavement
Type "B"

Hedge Stumps

Co. Road 7

Sta. 3004 + 70 to 3004 + 85
Build 25' Conc. Island Nose.
Plan 2-G-R5.

Sta 3003 + 75
Build 24" x 28' Rein. F. Conc.
Culvert Pipe on 25° Skew
with Flared End Sections
Plan 1844-D-R2. E
Exc. - 36 Cu. Yds.

STA. 3002 + 24
18" x 40' CMP CULV. W/ WING
ON RT. & HDWL. ON LT.
Remove. Exc. 19 Cu. Yds.

STA. 115 + 10 ON RT.
FLUME. Remove

Type "A"

+25 ℄ Rd.

Sta. 120 + 00
Build 18" x 46' Reinforced Conc.
Pipe w/ Inlet in Curb Inlet &
Conc. Flared End Section on
Outlet. Plan 1844-D-R2. Exc. 22 C.Y.

Sta. 120 + 00 on Lt.
Build Curb Inlet, Plan 1816-M
Type "A" x 4'5" A = 2'5" Exc. = 11 C.Y.

120

2' Wing

Sta. 122 + 00 to Sta. 122 + 40
Build 40' Conc. Island Nose.
Plan 2-G-R5.

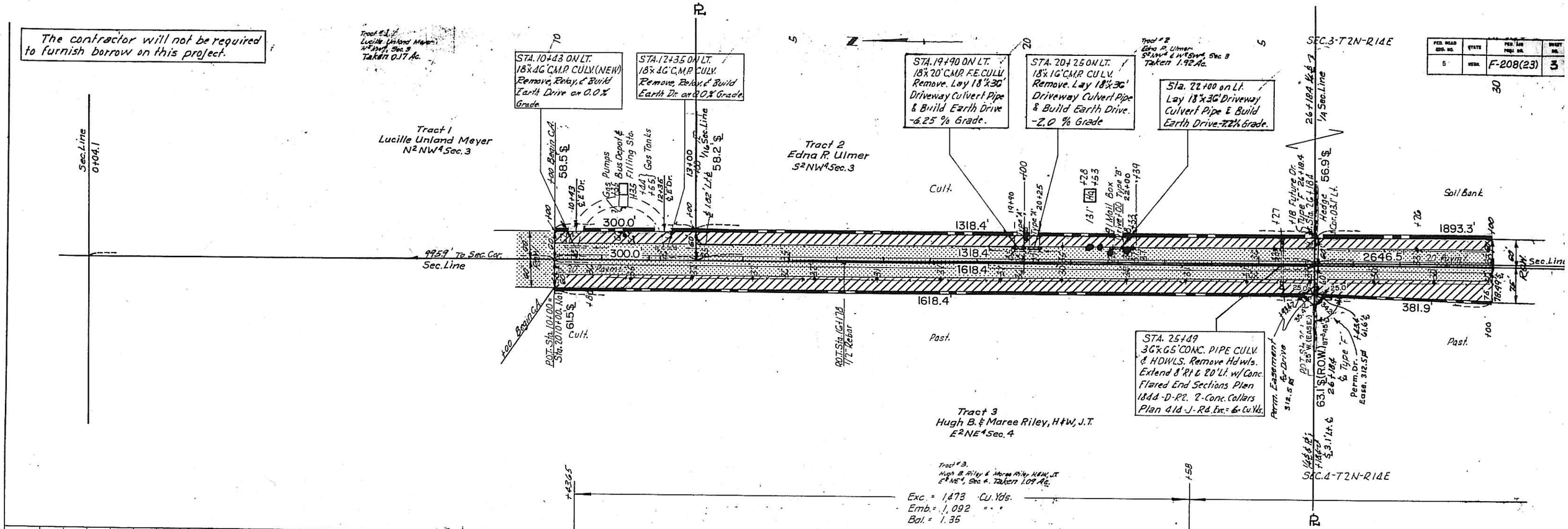
POC Sta 5000 + 00 = Sta 119 + 08.8
Δ = 17°08'

PT Sta 118 + 00

To Overpass

The contractor will not be required to furnish borrow on this project.

FED. ROAD DIV. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
5	MONT.	F-208(23)	3



B.M. N° 1 Iron Post 8.5' Rt. Sta. 2002+00
Elev. = 1104.00

B.M. N° 2 Spike in Tel. Pole 62' Lt.
Sta. 10+14
Elev. = 1112.77

Sta. 10+43.65 = Sta. 2010+43.65 of F 208(16)
Begin Project No. F 208(23)
Begin Construction.
Begin 4" (Approx.) Granular Foundation Course Type II.
Begin 8" (Approx.) Concrete Base Course Widening.
Begin Asphaltic Concrete Surface Course

B.M. N° 3 X on No. End of W. Hdwl. 33' Rt.
Sta. 25+46
Elev. = 1107.55

Datum Elev. = 100.00 Sea Level U.S.C.&G.S.

FED. ROAD REGN. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
5	NEBR.	F-208 (23)	4

* Revised 7-20-67

SEC.3-T2N-R14E

SEC.10-T2N-R14E

Tract 2
Edna R. Ulmer
W2SW4 Sec.3

Tract 4
Reuben L. Ulmer
E2SE4 Sec. 4

Soil Bank

Past

Cult.

Sec. Line

R.O.W.

20' Conc. Pavmt.

1893.3'

2646.5'

672.2'

840.1'

752.8'

753.2'

1719.2'

2285.8'

1936.3'

Sta. 42+75 on Lt.
Lay 18"x36' Driveway Culv. Pipe & Build Earth Drive. +5.0% Grade.

STA. 52+15 ON LT.
DISCHARGE STRUCT.
Remove

STA. 52+66 ON LT.
2'x2'x40' CONC. BOX CULV. Remove.
Build 24'x74' Reinf. Conc. Culv. Pipe w/ Flared End Sections
Plan 1844-D-R2. Exc=48 Cu. Yds.

STA. 37+41
30"x54' CONC. PIPE CULV. & HDWLS. Remove Hdwls.
Extend 10' Rt. & 18' Lt. w/ Conc. Flared End Sections
Plan 1844-D-R2. 2-Conc. Collars Plan 614-J-R4
Exc. = 5 Cu. Yds.

STA. 41+33 ON RT.
18"x20' C.M.P. DRIVE CULV.
Remove. Lay 18"x36' Driveway Culv. Pipe & Build Earth Drive.
+3.0% Grade.

STA. 43+62 ON RT.
18"x24' C.M.P. DR. CULV.
Remove. Lay 18"x36' Driveway Culv. Pipe & Build Earth Drive
+7.0% Grade.

STA. 52+15 ON RT.
DISCHARGE STRUCT.
Remove.

Build 4-Way Intersection
see Sheet No. 2-K

STA. 59+48
5'x4'x59' CONC. BOX CULV. on 30° Skew
~~Use in Place~~.
Remove Endwalls & 2' of Barrel on Lt., Plan 1823-R2. Extend 20' Rt. & 20' Lt. as Broken Back, Plans 1742-B, 1744, 1744-A, 1' Fill.
Exc. = 30 Cu. Yds.

Tract #4
Reuben L. Ulmer
E2SE4 Sec. 4
Taken 2.02 Ac.

Tract #
American Tel. & Tel. Co.
Pt. SE4 SE4 Sec. 4

SEC.4-T2N-R14E

SEC.9-T2N-R14E

Exc. = 5056 Cu. Yds.
Emb. = 3741
Bol. = 1.35

B.M. No. 4 X on N. End W. Hdwl. 30' Rt.
Sta. 37+38 Elev. = 1117.63

B.M. No. 5 X-E No. Headwall 35' Lt.
Sta. 52+16 Elev. = 1086.97

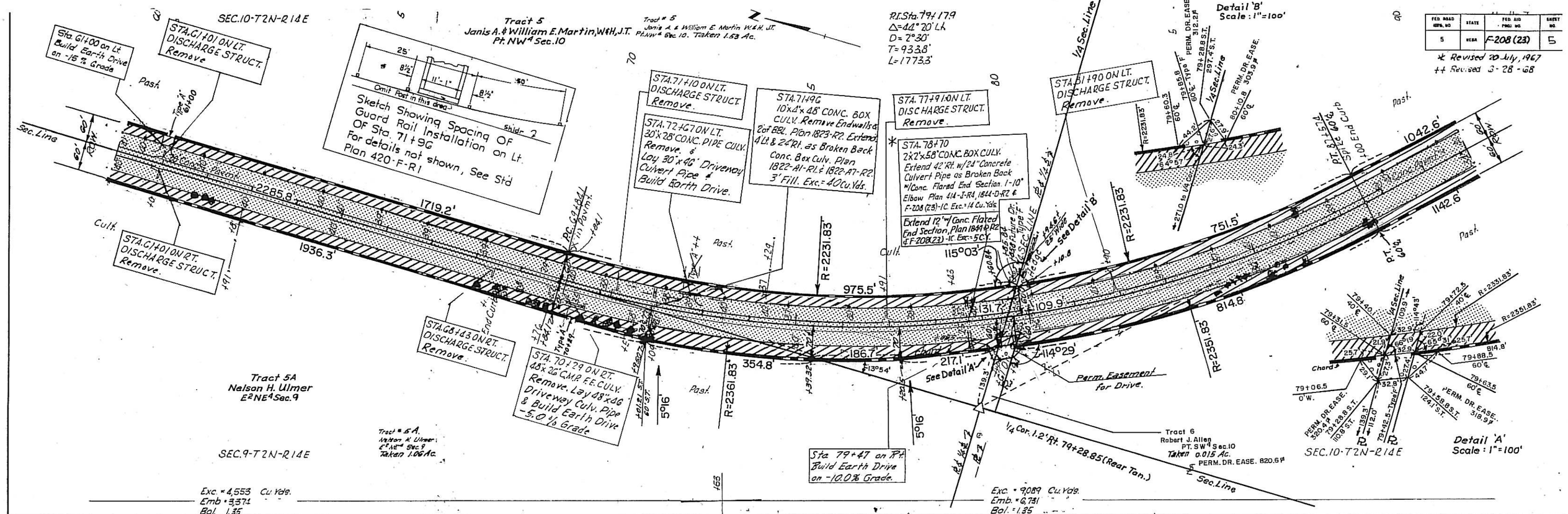
B.M. No. 6 X-E E. Headwall 26' Lt.
Sta. 59+63 Elev. = 1056.98

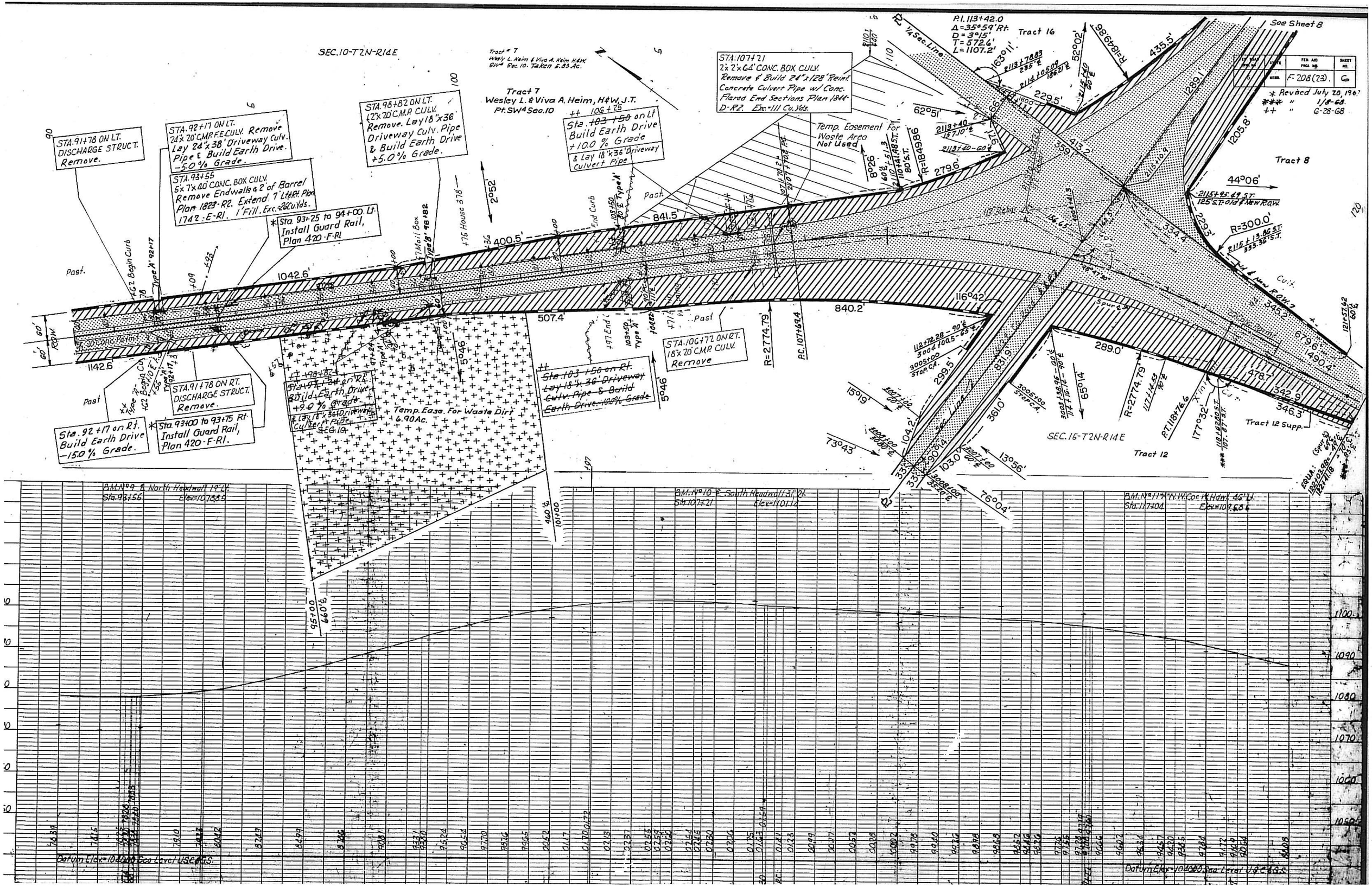
Datum Elev. = 1040.00 Sea Level U.S.C.&G.S.

1110
1100
1090
1080
1070
1060
1050

FED. ROAD REGN. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
5	NEBR.	F-208 (23)	5

* Revised 20 July, 1967
++ Revised 3-28-68





SEC.10-T2N-R14E
Tract 7
Wesley L. & Viva A. Heim, H&W, J.T.
Pt. SW4 Sec.10
Tract 16
See Sheet 8
F-208(23)
* Revised July 20, 1967
*** " 1/8-68
++ " 6-28-68
STA.91+78 ON LT. DISCHARGE STRUCT. Remove.
STA.92+17 ON LT. 24"x20' C.M.P. F.E. CULV. Remove Lay 24"x38' Driveway Culv. Pipe & Build Earth Drive. -5.0% Grade.
STA.93+55 5'x7'x40' CONC. BOX CULV. Remove Endwalls & 2' of Barrel Plan 1823-R2. Extend 7' Lt. & Rt. Plan 1742-E-R1. 1' Fill. Exc.=26 Cu.Yds.
* Sta. 93+25 to 94+00 Lt. Install Guard Rail, Plan 420-F-R1
STA.98+82 ON LT. 12"x20' C.M.P. CULV. Remove. Lay 18"x36' Driveway Culv. Pipe & Build Earth Drive +5.0% Grade.
Sta. 103+50 on Lt Build Earth Drive +10.0% Grade & Lay 18"x36' Driveway Culvert Pipe
STA.107+21 2'x2'x64' CONC. BOX CULV. Remove & Build 24"x128' Reinf. Concrete Culvert Pipe w/ Conc. Flared End Sections Plan 1844-D-R2. Exc.=111 Cu.Yds.
Temp. Easement For Waste Area Not Used
STA.91+78 ON RT. DISCHARGE STRUCT. Remove.
Sta. 92+17 on Rt. Build Earth Drive -15.0% Grade.
* Sta. 93+00 to 93+75 Rt. Install Guard Rail, Plan 420-F-R1.
Sta. 98+82 on Rt. Build Earth Drive +9.0% Grade & Lay 18"x36' Driveway Culvert Pipe
Temp. Ease. For Waste Dirt 6.90 Ac.
Sta. 103+50 on Rt. Lay 18"x36' Driveway Culv. Pipe & Build Earth Drive. 10.0% Grade
STA.106+72 ON RT. 18"x20' C.M.P. CULV. Remove
SEC.15-T2N-R14E
Tract 8
Tract 12
Tract 12 Supp.
B.M. No 9 E North Headwall 19' Lt. Sta. 93+56 Elev=107.88
B.M. No 10 E South Headwall 31' Lt. Sta. 107+21 Elev=110.14
B.M. No 11 N.W. Cor. W. Hdwl. 46' Lt. Sta. 117+04 Elev=109.68
Datum Elev=104000 Sea Level U.S.C.&G.S.

FED. ROAD REGL. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
5	IOWA	F-208 (23)	7

*** Revised 1-8-68.

SEC. 16-T2N-R14E

P.I. 146+57.2
Δ=8°25' Rt.
D=1°00'
T=421.6'
L=841.7'

STA. 121+08 ON LT. DISCHARGE STRUCT. Remove.

STA. 121+08 ON RT. DISCHARGE STRUCT. Remove.

Tract # 8
Arthur W. & Lucile M. Heim, H&W, J.T.
N½NE¼ Sec. 15

Tract # 8
Arthur W. & Lucile M. Heim
N½NW J.T. N½NE¼ Sec. 15
Taken 2.02 Ac.
Perm. Ease. = 437.6 Sq. Ft.

PERM. DRIVE EASE.
DETAIL 'A'
SCALE: 1"=100'

STA. 127+23. ON RT. 12" C.M.P. Extend 8' Rt. 1-Conn. Band. Exc. = 10 Cu. Yd.

STA. 128+16 ON RT. 24"x 24' C.M.P. CULV. Remove & Build, 24"x46' Cross road. Culvert Pipe w/ Flared. End Sections. Plan 1844-D-R2. Exc. = 20 Cu. Yds.

Build 3-Way Intersection. Plan 414-N4.

Tract 12
Harlan S. & Golda E. Heim, H&W, J.T.
NW¼ Sec. 15

Tract 12 Supp.

STA. 127+55 ON RT. DISCHARGE STRUCT. Remove.

STA. 129+55 ON RT. DISCHARGE STRUCT. Remove.

Tract # 9
Paul S. & Aleitha K. Kerner, H&W, J.T.
S½NE¼ Sec. 15.
Perm. Ease. = 437.6 Sq. Ft.

Sta. 134+15 on Lt. Build Earth Drive -7.0 % Grade

Tract 9
Paul S. & Aleitha K. Kerner, H&W, J.T.
S½NE¼ Sec. 15

STA. 135+55 ON LT. DISCHARGE STRUCT. Remove.

STA. 135+55 ON RT. 2'x 2'x 64' CONC. BOX CULV. Extend 4' Rt. & 20' Lt. with 24" Reinforced Concrete Culvert Pipe as Broken Back. Plan F-208(23) 1C. 2-Concrete Flared End Sections. Plan 1844-D-R2. 1-10° Elbow. Plan 414-J-R4. Exc. = 4 Cu. Yds.

STA. 137+55 ON RT. DISCHARGE STRUCT. Remove.

Tract # 12 Supp.
Harlan S. & Golda E. Heim, H&W, J.T.
NW¼, Sec. 15.
Taken 0.19 Ac.

Tract # 12
Harlan S. & Golda E. Heim, H&W, J.T.
NW¼ Sec. 15. Taken 2.15 Ac.

Tract #13
Edward A. & Carolyn Hogue, T.C.
Pt. NW¼SE¼, Sec. 15.

Perm. Easement for Drive See Detail 'C'

STA. 141+30 ON RT. 2'x 2'x 40' CONC. Box. Extend 8' Lt. & 14' Rt. with 24" Reinforced Concrete Culvert Pipe with Concrete Flared End Sections. Plan F-208(23) 1C. & Plan 1844-D-R2. Exc. = 3 Cu. Yds. & Build Earth Drive.

See Detail 'B' Perm. Easement for Drive

Tract 10

Tract # 10
Walter P. & Laura Ulmer, H&W, J.T.
Pt. NW¼SE¼ Sec. 15 (E.B.W. Hwy.)
Taken 0.42 Ac.

Tract 11
Village of Dawson
Mordecai Ga. Aks.
Pt. NW¼SE¼ Sec. 15
None Taken.
C.A. ONLY

DETAIL 'B'
SCALE: 1"=100'
PERM. DRIVE EASE.

Tract 13

STA. 145+95 ON RT. 18"x 57' C.M.P. CULV. Remove. Lay 18"x 60' Driveway Culv. Pipe & Build Earth Drive +2.0 % Grade

Tract # 14

Tract # 14. Taken 0.04 Ac.
L.W., Sr. & Mary Alice Herdt, H&W, J.T.
Pt. NW¼SE¼ Sec. 15

Tract 15.
Walter P. & Laura Ulmer
Pt. NW¼SE¼ Sec. 15

PERM. DRIVE EASE.
DETAIL 'C'
SCALE: 1"=100'

Thomas M. & Ruth L. Ryan, H&W, J.T.
N½ Lots 2 & 3. Blk. 42

SCALE: 1"=100'
DETAIL 'D'

This Point Is 66' N. Of The N.W. Cor. Of Lot 3, Blk. 42, Ulmer's Second Add. To Dawson

This Point Is 66' N. Of The N.E. Cor. Lot 4, Blk. 43, Ulmer's Second Add. To Dawson

DETAIL 'E'
SCALE: 1"=100'

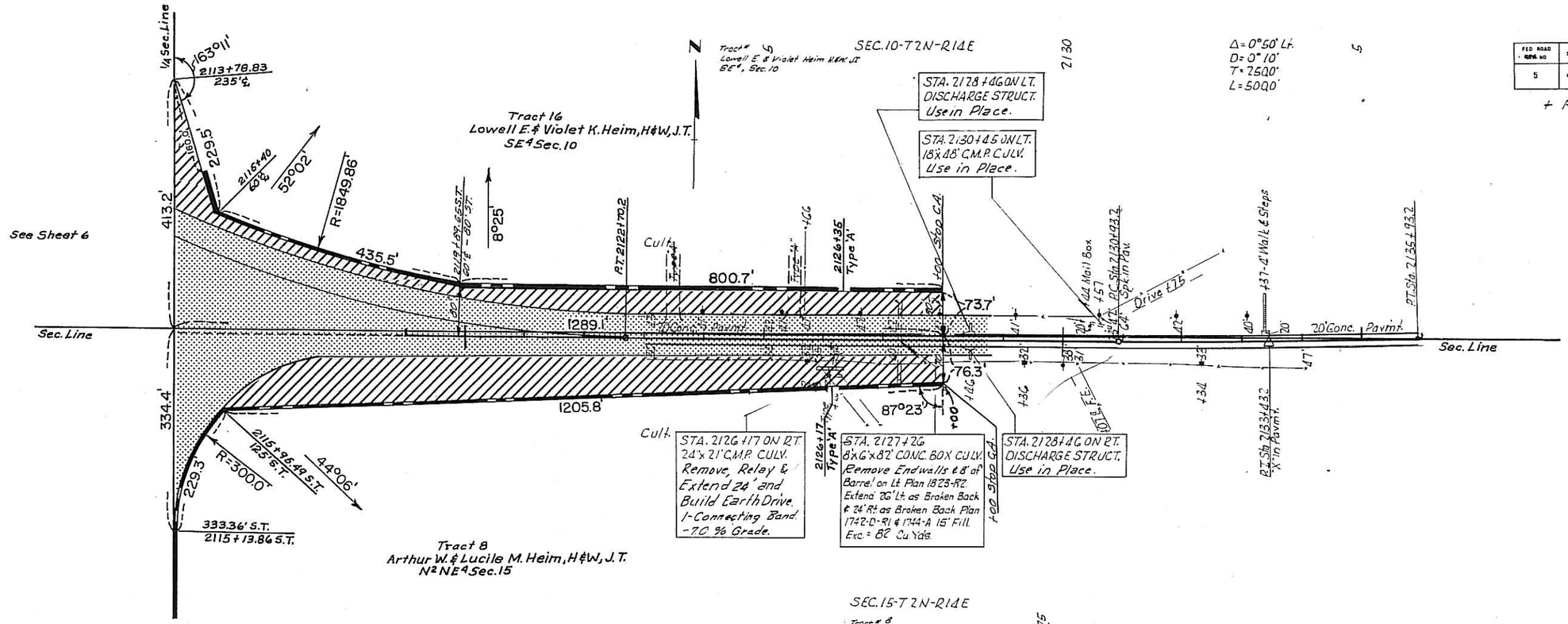
Exc. = 24,380 Cu. Yds.
Emb. = 5,025
Waste = 17,542
Bor. = 1,32

B.M. No. 12 X on E. Headwall 3" U.
Sta. 126+57
Elev. = 1026.10

B.M. No. 13 X on N.W. Cor. Water Tank 60' Lt.
Sta. 148+05
Elev. = 1053.7

Sta. MB 1 Est.
End Proj. F-208 (23)
End Construction
End 4" (Approx.) Granular Foundation Course, Type II.
End 8" (Approx.) Concrete Base Course Widening
End Asphaltic Concrete Surface Course.

Datum Elev. = 1020.00 Sea Level U.S.C.&G.S.

FED. ROAD PROJ. NO.	STATE	FED. AID PROJ. NO.	SHEET NO.
5	NEBR.	F-208(23)	8

+ Rev. 6/3/68