WAPELLO Co.

PCC PAVEMENT - GRADE AND NEW

NHSX-063-2(155)--3H-90

LETTING DATE 11-20-2018

## INDEX OF SHEETS


| No. | DESCRIPTION |
|---|---|
| **A Sheets** | **Title Sheets** |
| A.1 | Title Sheet |
| A.2 | Location Map Sheet |
| A.3 | Ownership Maps |
| **B Sheets** | **Typical Cross Sections and Details** |
| B.1 - 13 | Typical Cross Sections and Details |
| **D Sheets** | **Mainline Plan and Profile Sheets** |
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| * D.2 - 13 | US 63 |
| **E Sheets** | **Side Road Plan and Profile Sheets** |
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| * E.3 | Relocated Rabbit Run Road |
| * E.4 | Mary Street |
| **G Sheets** | **Survey Sheets** |
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| G.10 - 13 | Horizontal Control Tab. for all Alignments |
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| **M Sheets** | **Storm Sewer Sheets** |
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| * M.2 | Storm Sewer Legend & Symbol Information Sheet |
| * M.3 - 8 | Storm Sewer Plan and Profile Sheets US 63 |
| **U Sheets** | **500 Series, Mod.Stds. and Detail Sheets** |
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| **V Sheets** | **Bridge and Culvert Situation Plans** |
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| * V.5 - 6 | Trail RCB under US 63 TS&L |
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| **W Sheets** | **Mainline Cross Sections** |
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| W.2 - 371 | US 63 |
| **X Sheets** | **Side Road Cross Sections** |
| X.1 - 21 | Railroad Trail Cross Sections |
| X.30 - 41 | Rabbit Run Road Cross Sections |
| X.50 - 53 | Mary Street Cross Sections |
| X.60 - 64 | Ramp Cross Sections |
| | * Color Plan Sheets |


IOWA DOT

*Highway Division*

PLANS OF PROPOSED IMPROVEMENT ON THE

PRIMARY ROAD SYSTEM

# WAPELLO COUNTY

## PCC PAVEMENT - GRADE AND NEW

**River Rd./Co. Rd. J12 to US 34 in Ottumwa**

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

Value Engineering Saves. Refer to Article 1105.14 of the Specifications.

IOWA ONE CALL
1-800-292-8989
www.iowaonecall.com
811 Know what's below. Call before you dig.

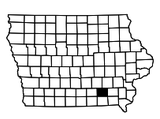
REVISIONS

| | |
|---|---|
| TOTAL | 481 |
| PROJECT IDENTIFICATION NUMBER | 04-90-063-030 |
| PROJECT NUMBER | NHSX-063-2(155)--3H-90 |
| R.O.W. PROJECT NUMBER | NHSN-063-2(121)--2R-90 |

Grading Needs:

| | |
|---|---|
| Class 10 Excavation = | 107,301 cu. yd. |
| Fill + 30% = | 259,820 cu. yd. |
| Embankment in Place = | 117,322 cu. yd. |

For Project Location Map
Refer to Sheet A.2



### DESIGN TRAFFIC DATA

| | | |
|---|---|---|
| 2007 AADT | 6300 | V.P.D. |
| 2035 AADT | 8300 | V.P.D. |
| 2035 DHV | 850 | V.P.H. |
| TRUCKS | 13 | % |
| Total Design ESALs | -- | |

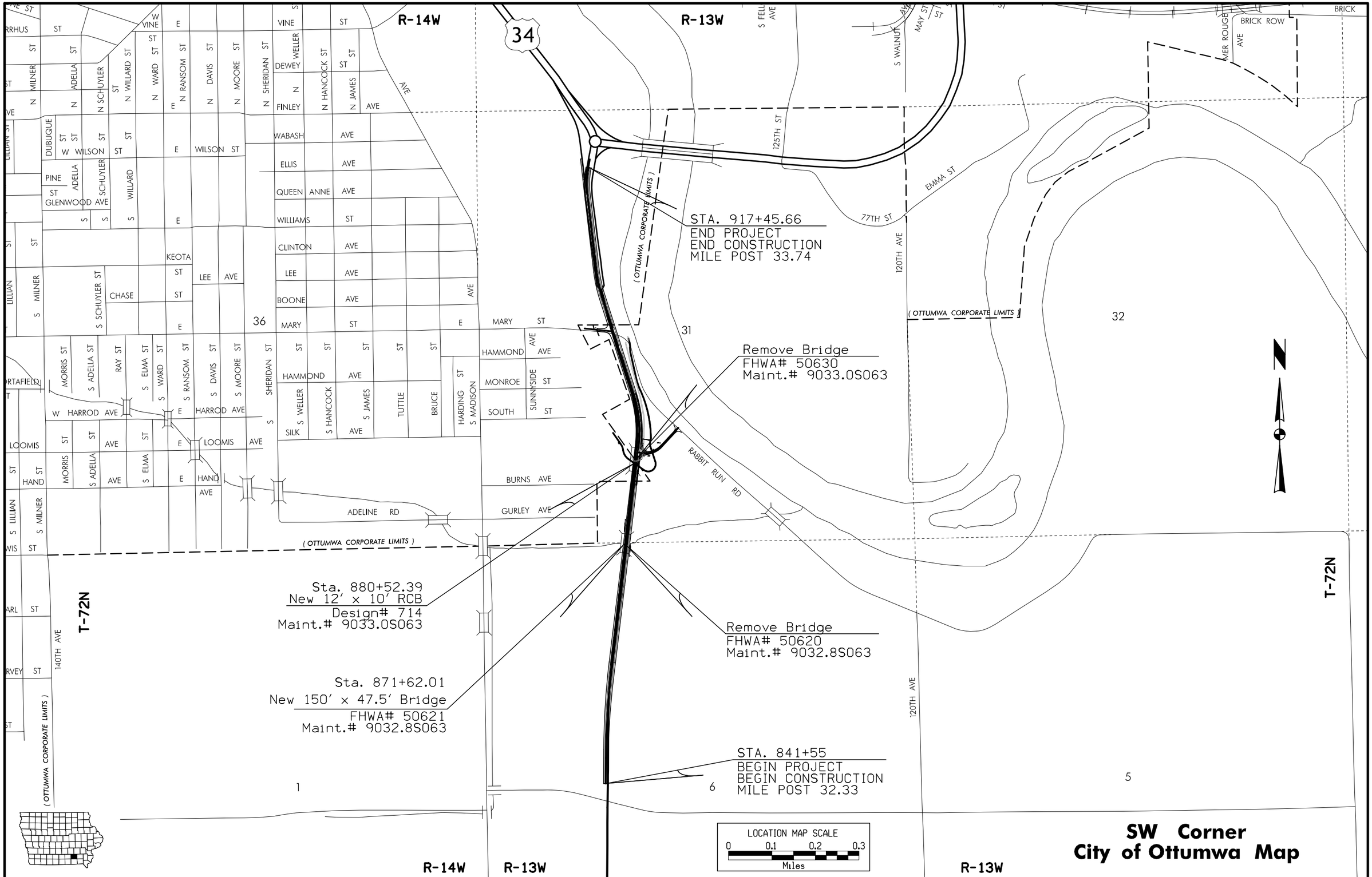
### INDEX OF SEALS

| SHEET NO. | NAME | TYPE |
|---|---|---|
| A.1 | Paul W. Flattery | Roadway Design |

# PRELIMINARY PLANS

Subject to change by final design.

D5 PLAN
Date: October 21, 2016




| FILE NO. | ENGLISH | DESIGN TEAM Flattery \ Buttolph | WAPELLO COUNTY | PROJECT NUMBER NHSX-063-2(155)--3H-90 | SHEET NUMBER A.2 |
|---|---|---|---|---|---|

10:23:20 AM 12/21/2016 jbuttol pw:\\projectwise.dot.int.lan:PWMain\Documents\Projects\9006303004\Design\90063155A01.sht

Keokuk TWP.
T-71N R-13W
SEC. 6

CULT.

T2

PEM

854+90
℄120′

PASTURE

855

860

861+50
℄115′

865

PT Sta 855+27.56

854+95
℄121′±Ex.R/W

SIGN

863+40
℄130′

CULT.

SIGN

231 CHRIST'S CHURCH

0 50
FEET

**Right of Way Design Information**

**THIS SHEET INCLUDED FOR INFORMATION ONLY**

**ROW Team: LARSON /GROAT**
**ROW #: NHSN-063-2(121)--2R-90**
**Plan Date: 03-08-17**
**Color Legend:**
- Property Lines
- Temporary Easement
- Permanent Acquisition

| FILE NO. | ENGLISH | DESIGN TEAM Flattery \ Buttolph | WAPELLO COUNTY | PROJECT NUMBER NHSX-063-2(155)--3H-90 | SHEET NUMBER H.1 |
|---|---|---|---|---|---|

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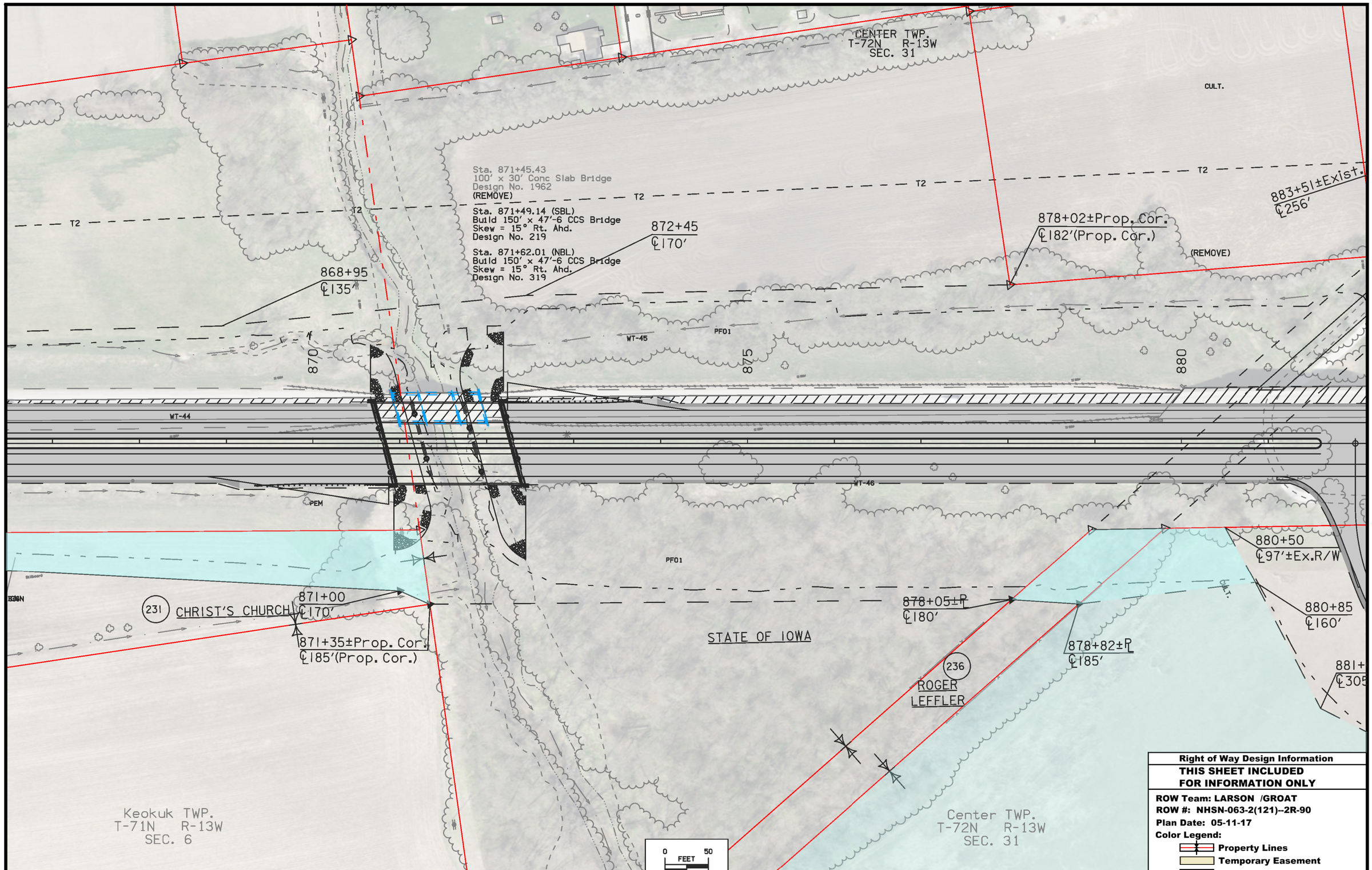


**Right of Way Design Information**

**THIS SHEET INCLUDED FOR INFORMATION ONLY**

**ROW Team: LARSON /GROAT**
**ROW #: NHSN-063-2(121)--2R-90**
**Plan Date: 05-11-17**
**Color Legend:**
- Property Lines
- Temporary Easement
- Permanent Acquisition

| FILE NO. | ENGLISH | DESIGN TEAM Flattery \ Buttolph | WAPELLO COUNTY | PROJECT NUMBER NHSX-063-2(155)--3H-90 | SHEET NUMBER H.2 |
|---|---|---|---|---|---|

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Center TWP.
T-72N R-13W
SEC. 31

TEMPORARY EASEMENT TO SHAPE

884+35
℄307'±Exist. Easement

884+27±R
℄265'

884+50
℄370±R

PERMANENT EASEMENT IN THE NAME OF THE CITY OF OTTUMWA

237
STEELE FAMILY TRUST

243
THEODORE B. TRAXLER

883+51±Exist. Easement
℄256'

883+53
℄218'±R

885+00
℄305'±R

884+40
℄273'±R

TEMPORARY EASEMENT TO SHAPE

884+40
℄212'±Ex.R/W

884+20
℄210'±Ex.R/W

883+54
℄204'±Ex.R/W

889+25±R/W Cor.
℄136'(R/W Cor.)

890+50
℄100'

893+50
℄122'±Ex.R/W

894+06±R/W. Cor.
℄111'(R/W. Cor.)

895+45
℄95'

896+60
℄174'±Ex.R/W

896+65
℄145'

882+95
℄92'±Ex.R/W

EQUATION:
STA. 882+00.00_(ML063)
= STA. 8820+00.00_(RRR)

EQUATION:
STA. 897+15.00_(ML063)
= STA. 8970+15.00_(SR)

STATE OF IOWA

883+85
℄225'

885+10
℄255'

884+40
℄320'

887+00
℄189'±Ex.R/W

Sta. 886+11.61, 263' Rt
24" x 35' Uncl. Ent Pipe
DA = 3 Ac
(Remove))

Sta. 893+02.17
30" x 87' Conc.
DA = 9 Ac
(REMOVE)

Sta. 893+07.00
Install 30" x 224' RCP & Aprons
F.L. = Lt. 635.00
Rt. 634.00

Sta. 893+13.30, 126' Rt
30" x 80' Conc.
DA = 19 Ac
(UAC)

0 FEET 50

**Right of Way Design Information**

**THIS SHEET INCLUDED FOR INFORMATION ONLY**

**ROW Team: LARSON /GROAT**
**ROW #: NHSN-063-2(121)--2R-90**
**Plan Date: 07-14-17**
**Color Legend:**
- Property Lines
- Temporary Easement
- Permanent Acquisition

| FILE NO. | ENGLISH | DESIGN TEAM Flattery \ Buttolph | WAPELLO COUNTY | PROJECT NUMBER NHSX-063-2(155)--3H-90 | SHEET NUMBER H.3 |
|---|---|---|---|---|---|

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Center TWP.
T-72N R-13W
SEC. 31

CANOPY
COMM. BLDG.
CUL END
COMM. ENT.
HO.
SIGN
CULT.
PASTURE
SHED
CUL END
SIGN

245
SELMAN & FATRIE
ALIU (FEE)
BURIM ALIU (C.P.)

247
CITY OF OTTUMWA

898+86±Ex.R/W
℄195'

900+60
℄170'

902+75±P
℄120'

902+95
℄128'±Ex.R/W

904+20
℄145'

905+00
℄140'

906+00
℄120'

906+90
℄115'

907+25
℄130'

908+13±Prop. Cor.
℄127'(Prop. Cor.)

896+65'
℄145'

901+65
℄83'±Ex.R/W

903+95
℄135'

904+56
℄97'±Ex.R/W

904+80
℄125'

906+25
℄120'

906+35
℄140'

907+73±P
℄130'

897+71±Ex.R/W
℄120'

900

905

906

910

Sta. 910+80.00
Install 48" x 168' RCP
F.L. = Lt. 627.50
Rt. 627.00

Sta. 910+70.85
36" x 166' Conc.
(REMOVE)

Sta. 905+80.00
Unlc. Pipe
(U.A.C.)
??

Sta. 910+70.85
36" x 166' RF-1

TEMPORARY EASEMENT TO SHAPE

TEMPORARY EASEMENT TO SHAPE

TEMPORARY EASEMENT TO SHAPE

0 FEET 50

| | | | |
|---|---|---|---|
| REVISED | 06-11-18 | PAR | 247 |
| REVISED | 02-15-18 | PAR | 247 |
| REVISED | 02-15-18 | PAR | 245 |

**Right of Way Design Information**

**THIS SHEET INCLUDED FOR INFORMATION ONLY**

**ROW Team: LARSON /GROAT**
**ROW #: NHSN-063-2(121)--2R-90**
**Plan Date: 06-11-18**
**Color Legend:**
- Property Lines
- Temporary Easement
- Permanent Acquisition

| FILE NO. | ENGLISH | DESIGN TEAM Flattery \ Buttolph | WAPELLO COUNTY | PROJECT NUMBER NHSX-063-2(155)--3H-90 | SHEET NUMBER H.4 |
|---|---|---|---|---|---|

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