

CLARKE CO.
PCC SIDEWALK/ADA RAMPS
NHSN-034-5(26)--2R-20

LETTING DATE
DEC. 15, 2020



Highway Division

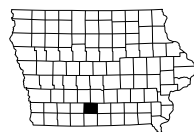
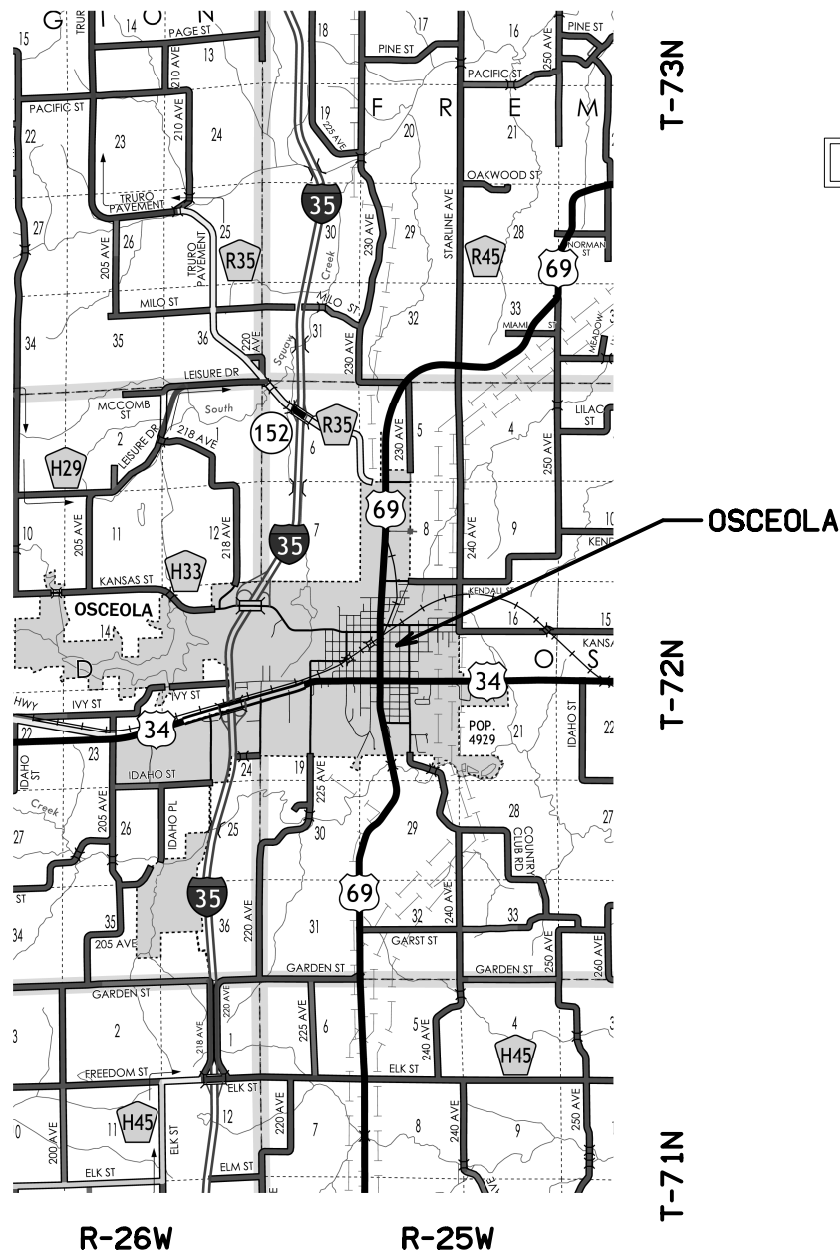
PLANS OF PROPOSED IMPROVEMENT ON THE

PRIMARY ROAD SYSTEM
CLARKE COUNTY
 PCC SIDEWALK/ADA RAMPS

IN OSCEOLA

SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.



For Project Location Map
 Refer to Sheet A.2

DESIGN DATA URBAN			
2016	AADT	4,650	V.P.D.
2036	AADT	N/A	V.P.D.
2036	DHV	N/A	V.P.H.
	TRUCKS	N/A	%
	Total		
	Design ESALs	--	

INDEX OF SEALS		
SHEET NO.	NAME	TYPE
A.1	Douglas G. Holle	Primary Signature Block

REVISIONS	TOTAL
	78
PROJECT IDENTIFICATION NUMBER	
18-20-034-010	
PROJECT NUMBER	
NHSN-034-5(26)--2R-20	
R.O.W. PROJECT NUMBER	
NHSN-034-5(27)--2R-20	

INDEX OF SHEETS	
No.	DESCRIPTION
A Sheets	Title Sheets
A.1	Title Sheet
A.2	Location Map Sheet
B Sheets	Typical Cross Sections and Details
B.1	Typical Cross Sections and Details
D Sheets	Mainline Plan and Profile Sheets
* D.1	Plan Legend & Symbol Information Sheet
* D.2 - 25	Plan Sheets
G Sheets	Survey Sheets
G.1	Survey Information
H Sheets	Right-of-Way Sheets
* H.1 - 24	US-34 in Osceola Right-of-Way Sheets
S Sheets	Sidewalk Sheets
* S .1	Sidewalk Legend & Symbol Information Sheet
* S .2 - 25	Sidewalk Plan & Tabulation Sheets
	* Color Plan Sheets

PRELIMINARY PLANS

Subject to change by final design.

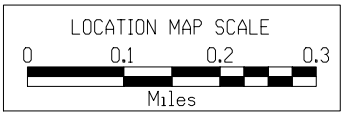
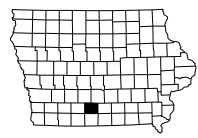
D5 PLAN - Date: 12-27-2019

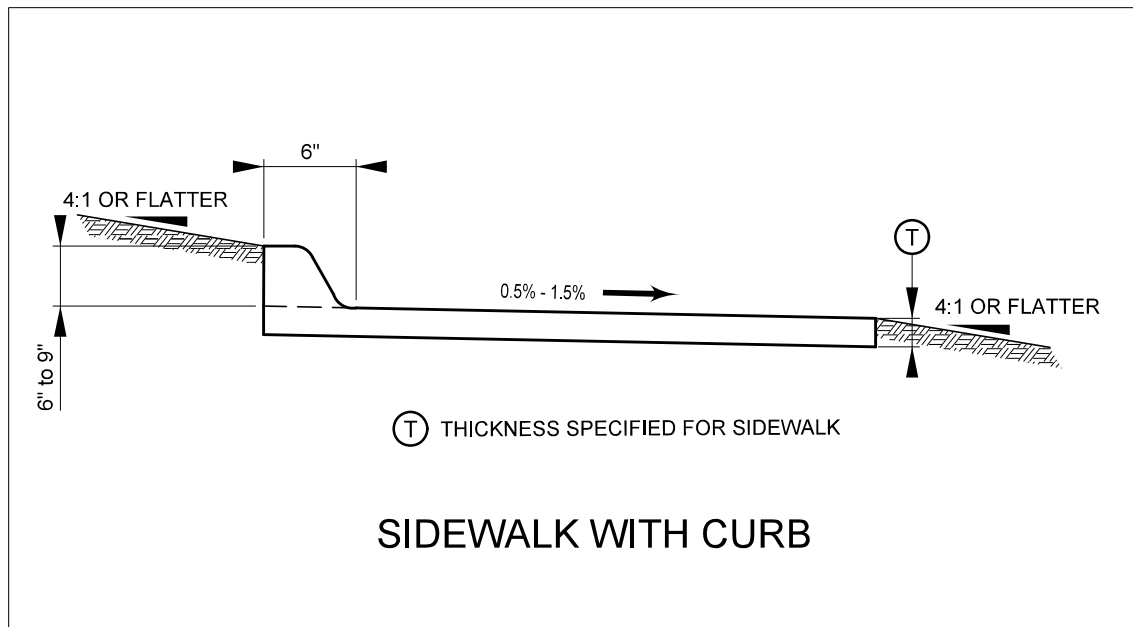
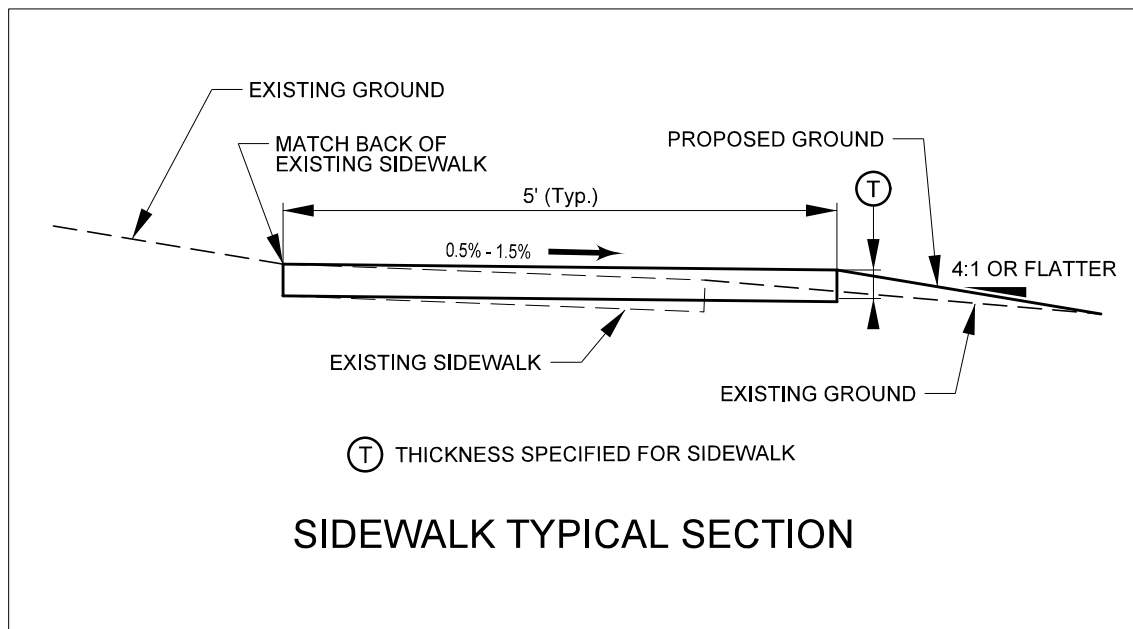


T-72N

R-26W

R-25W





SURVEY SYMBOLS

UTILITY LEGEND

City of Osceola
 Brandon Patterson
 641-342-1435
 osceolawaterworks@windstream.net

Alliant Energy
 Alliant Energy Field Engineer
 800-255-4268
 locate_IPL@alliantenergy.com

Flint Hills Resources, LC
 Michelle Shumaker
 316-828-8591
 onecallict@kochind.com

Iowa Communications Network
 Shannon Marlow
 800-572-3940
 icnoutsideplantiowaonecall@iowa.gov

Aureon Network Services
 Jeff Klocko
 515-830-0445
 jeff.klocko@aureon.com

Mediacom Cable
 Shane Shrader
 712-314-1248
 sschrader@mediacomcc.com

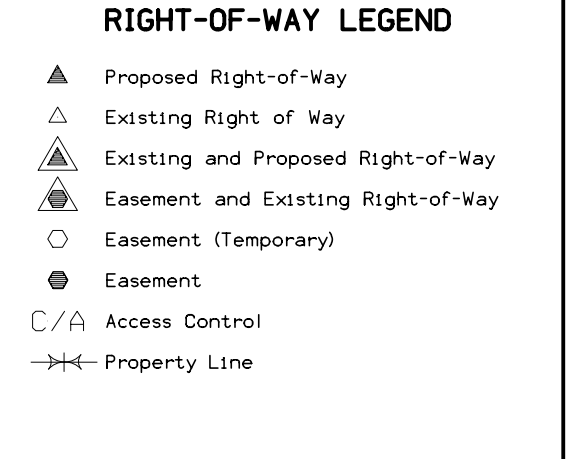
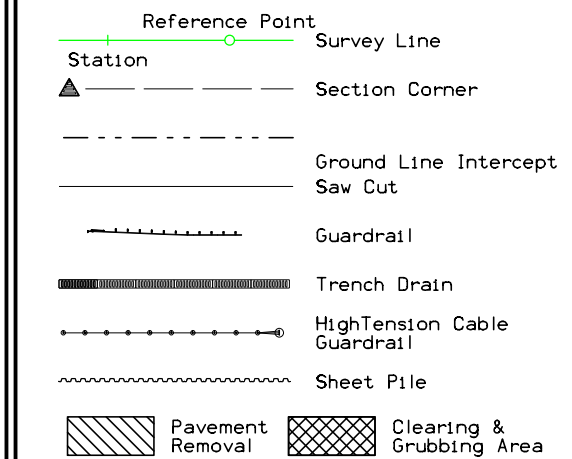
Windstream Communications
 Locate Desk
 800-289-1901
 locate.desk@windstream.com

PLAN VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK	Design Color No.	
Green	(2)	Existing Topographic Features and Labels
Blue	(1)	Proposed Alignment, Stationing, Tic Marks, and Alignment Annotation
Magenta	(5)	Existing Utilities
SHADING	Design Color No.	
Yellow	(4)	Highlight for Critical Notes or Features
Red	(3)	Delineates Restricted Areas
Lavender	(9)	Temporary Pavement Shading
Gray, Light	(48)	Proposed Pavement Shading
Gray, Med	(80)	Proposed Granular Shading
Gray, Dark	(112)	Proposed Grade and Pave Shading "In conjunction with a paving project"
Brown, Light	(236)	Grading Shading
Tan	(8)	Proposed Sidewalk Shading
Blue, Light	(230)	Proposed Sidewalk Landing Shading
Pink	(11)	Proposed Sidewalk Ramp Shading

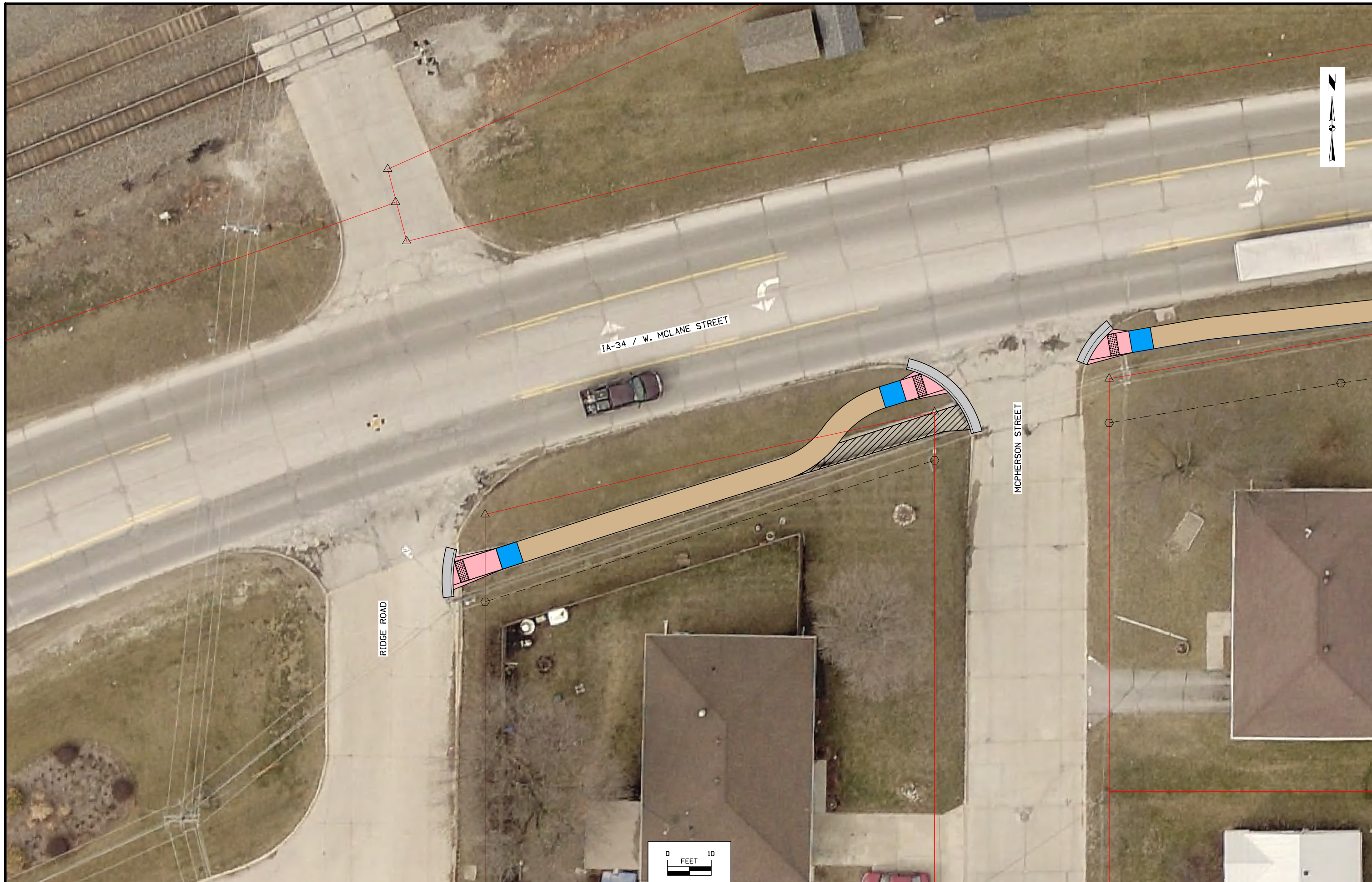
PROFILE VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK	Design Color No.	
Green	(2)	Existing Ground Line Profile
Blue	(1)	Proposed Profile and Annotation
Magenta	(5)	Existing Utilities
Blue, Light	(230)	Proposed Ditch Grades, Left
Black	(0)	Proposed Ditch Grades, Median
Rust	(14)	Proposed Ditch Grades, Right



**PLAN AND PROFILE
 LEGEND AND SYMBOL
 INFORMATION SHEET**

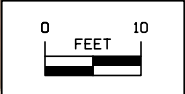
(COVERS SHEET SERIES D, E, F, & K)



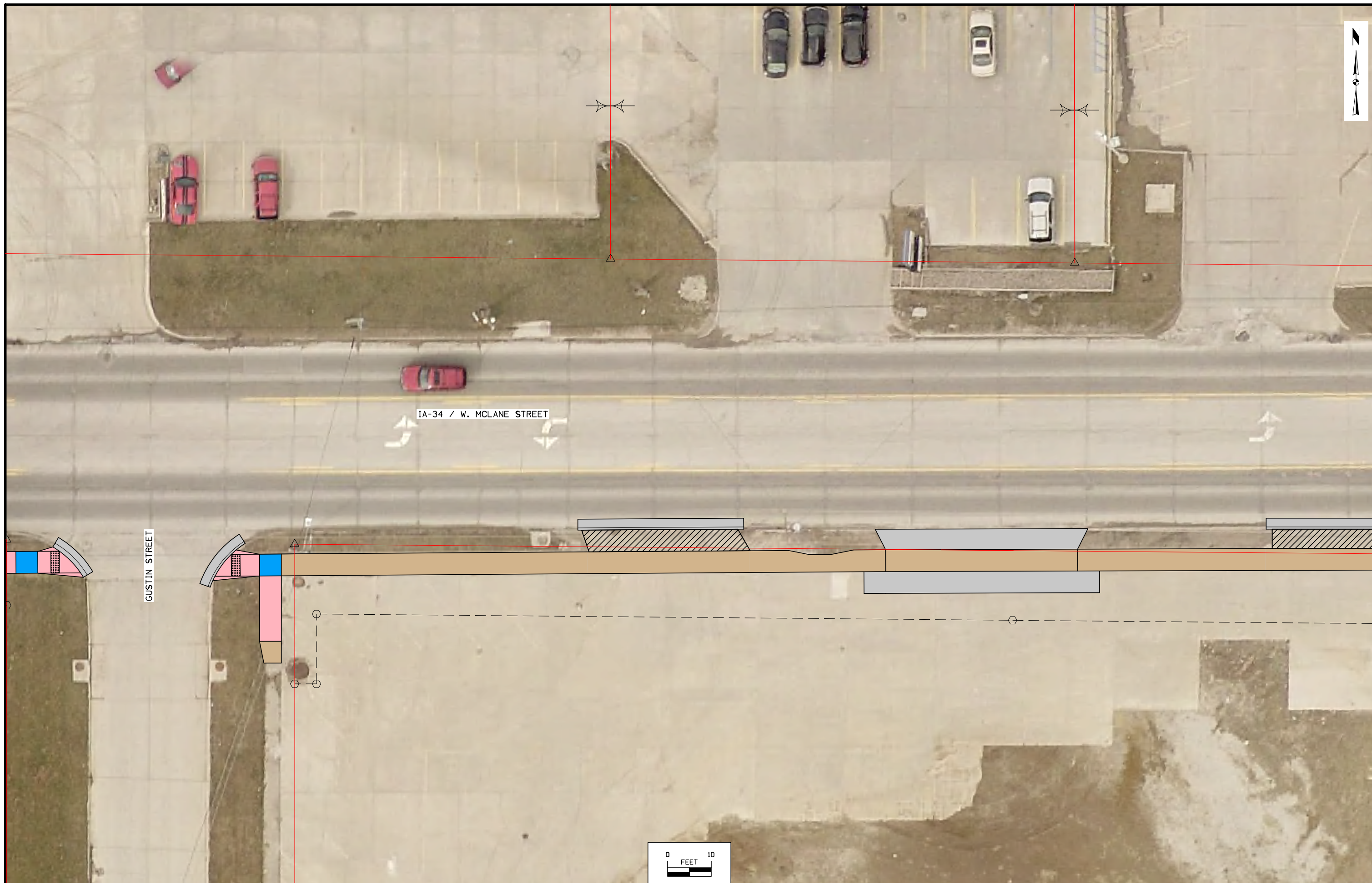
IA-34 / W. MCLANE STREET

MCPHERSON STREET

RIDGE ROAD

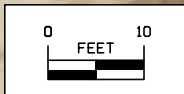






IA-34 / W. MCLANE STREET

GUSTIN STREET

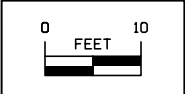




S. VALE STREET

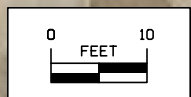
IA-34 / W. MCLANE STREET

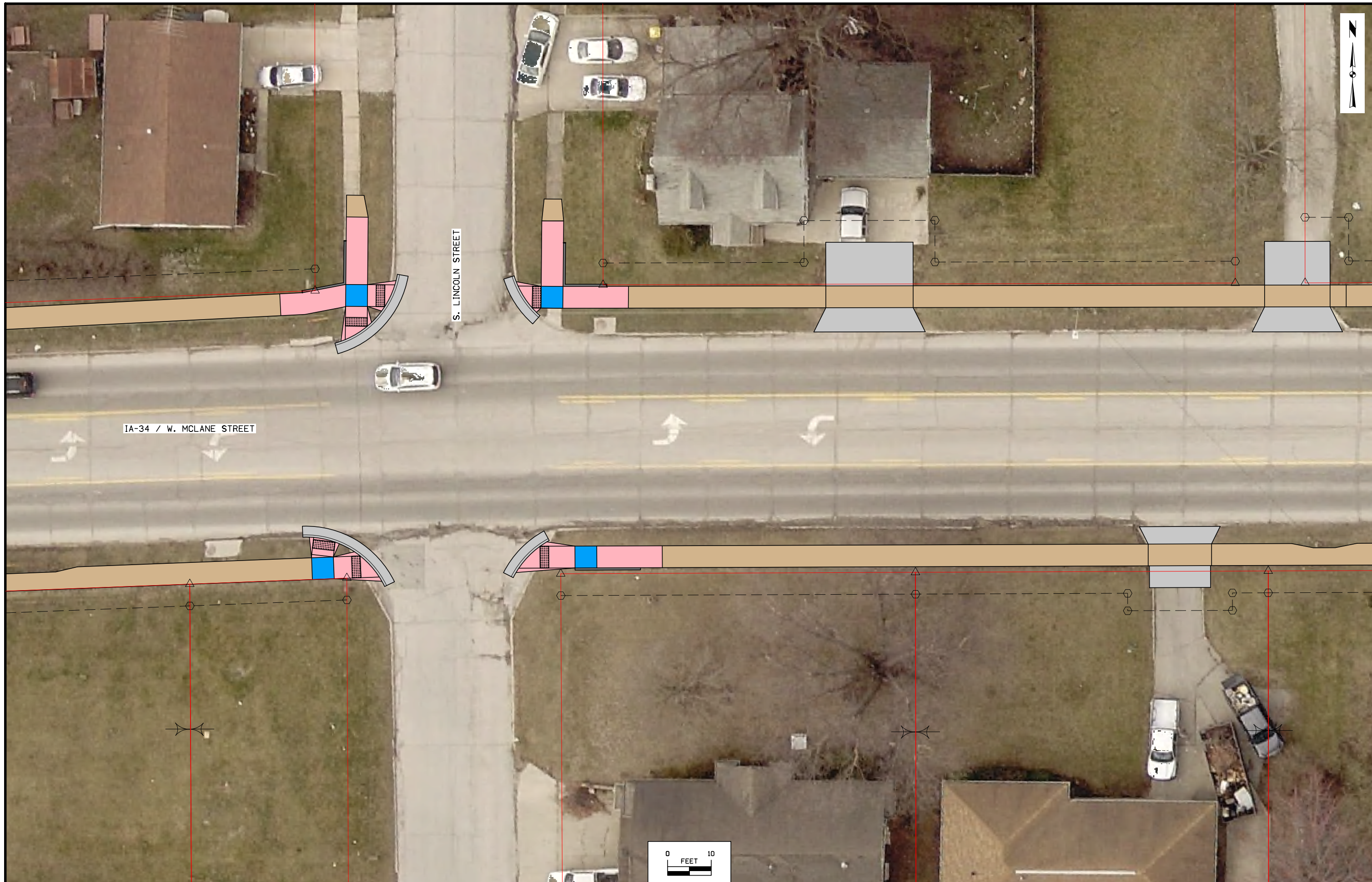
DEARBORN STREET



FILE NO.	ENGLISH	DESIGN TEAM	IowaDOT\Schemmer	CLARKE COUNTY	PROJECT NUMBER	NHSN-034-5(26)--2R-20	SHEET NUMBER	D.5
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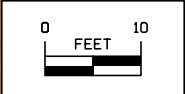


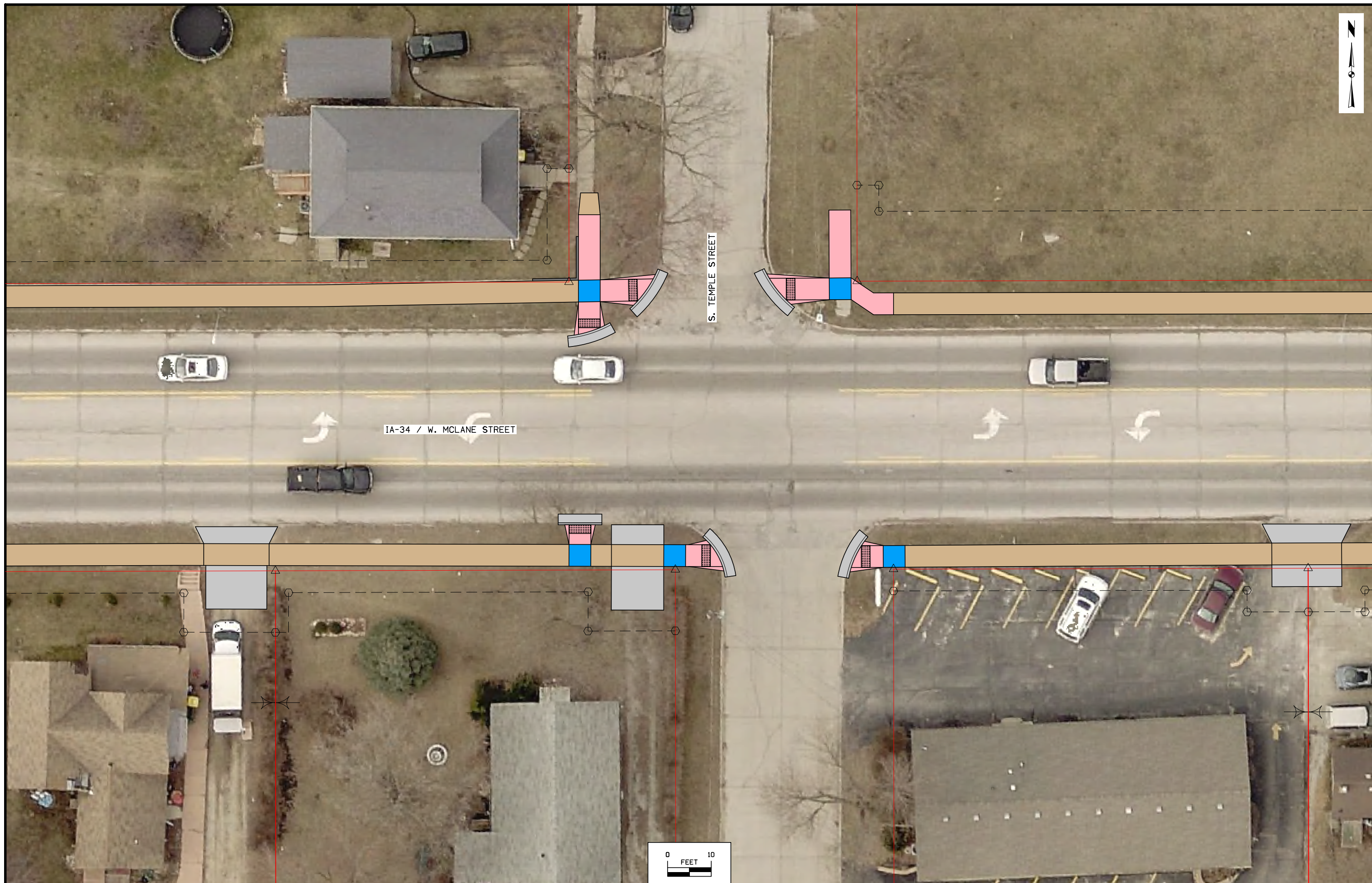


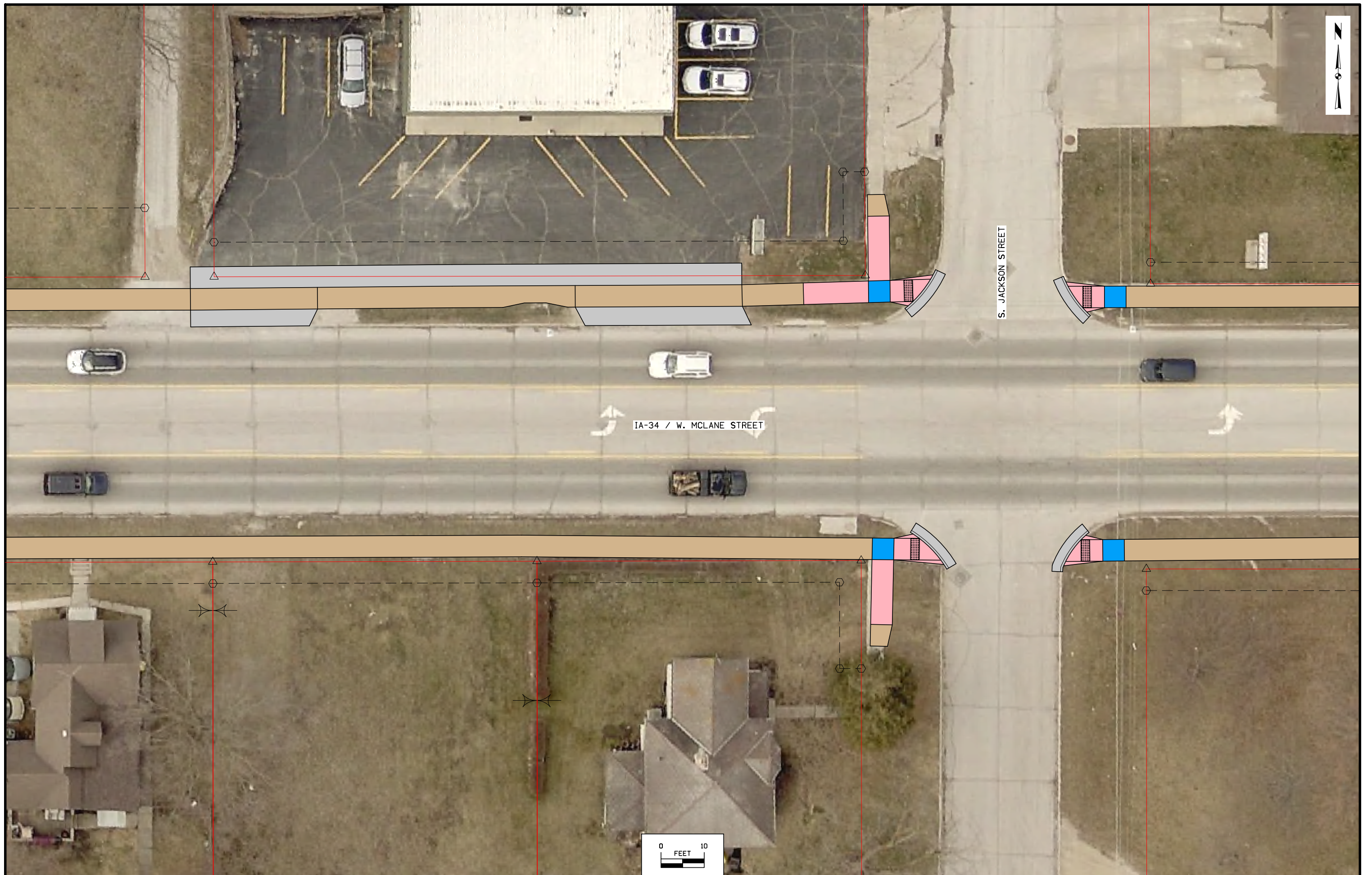


IA-34 / W. MCLANE STREET

S. LINCOLN STREET

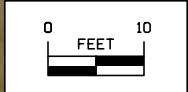


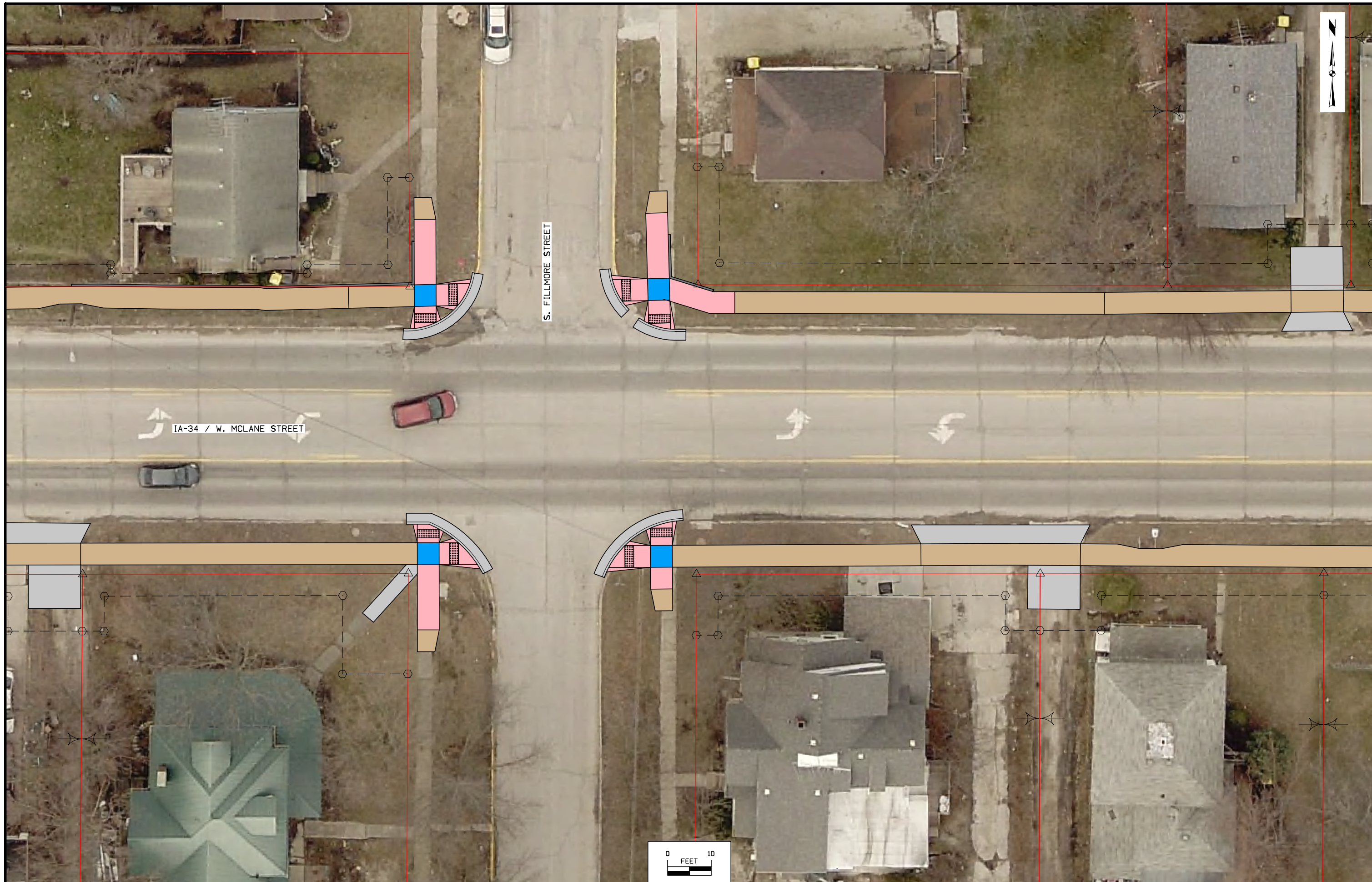




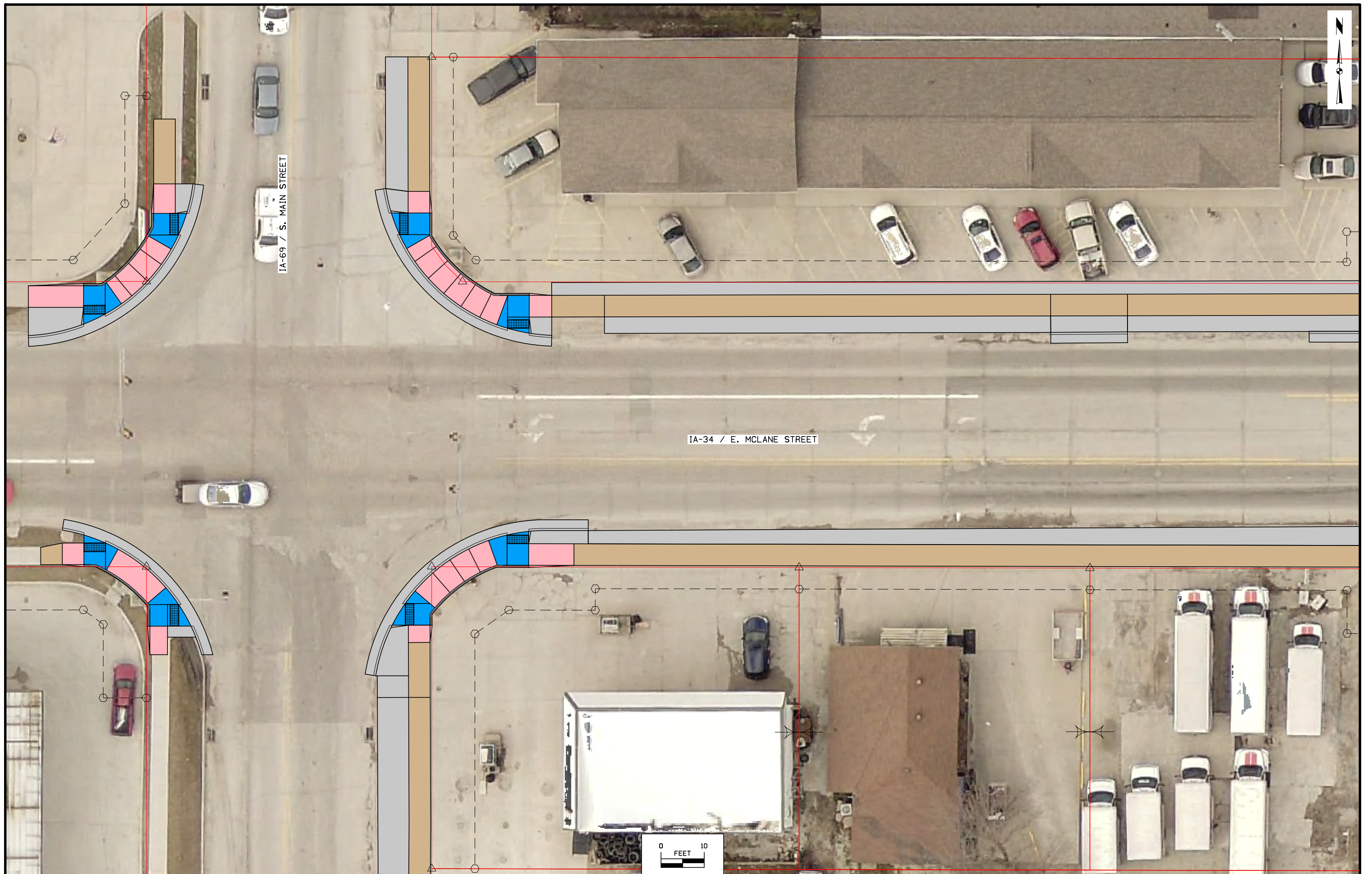


IA-34 / W. MCLANE STREET



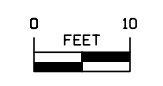


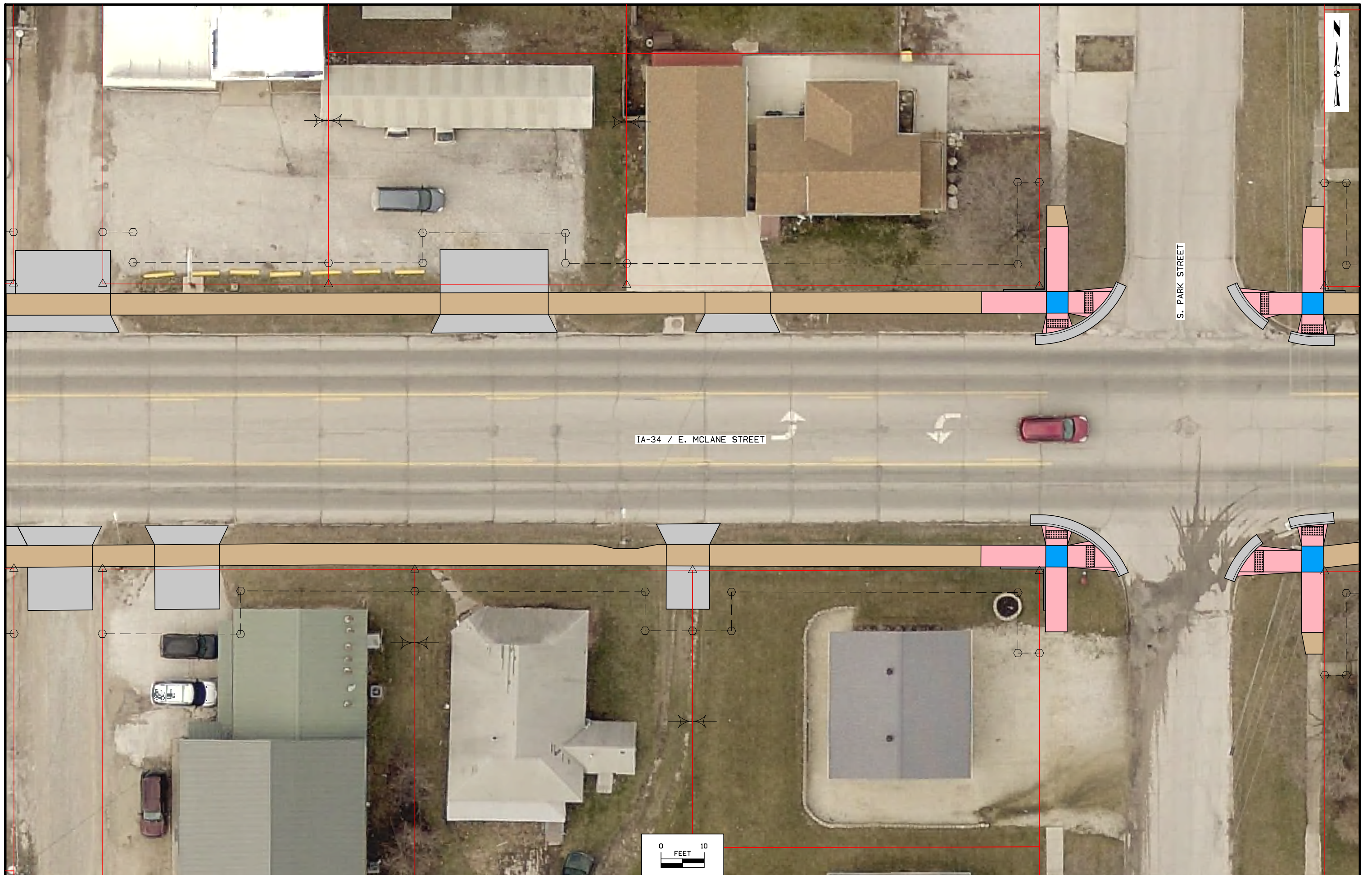


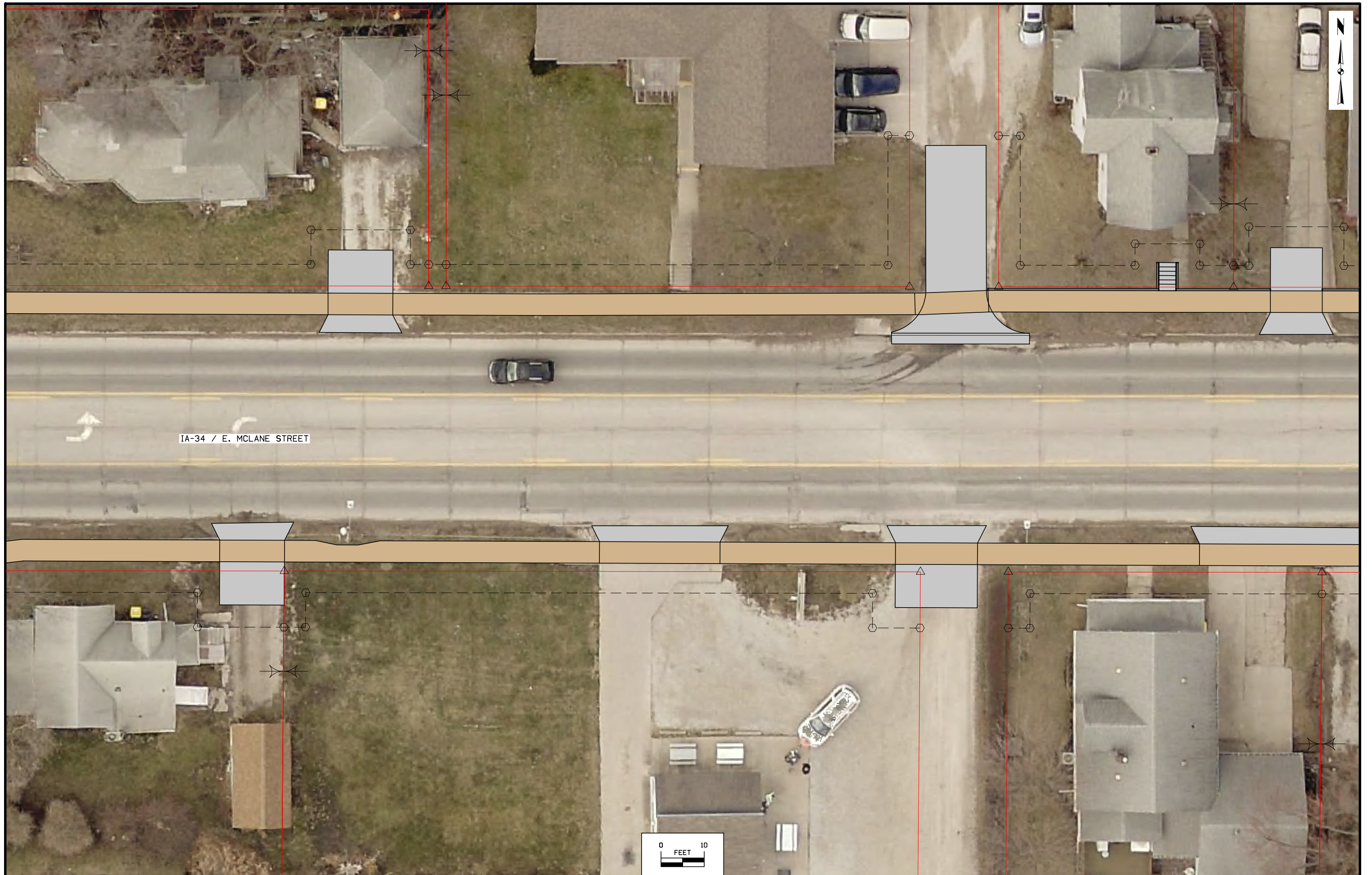


IA-69 / S. MAIN STREET

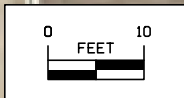
IA-34 / E. MCLANE STREET

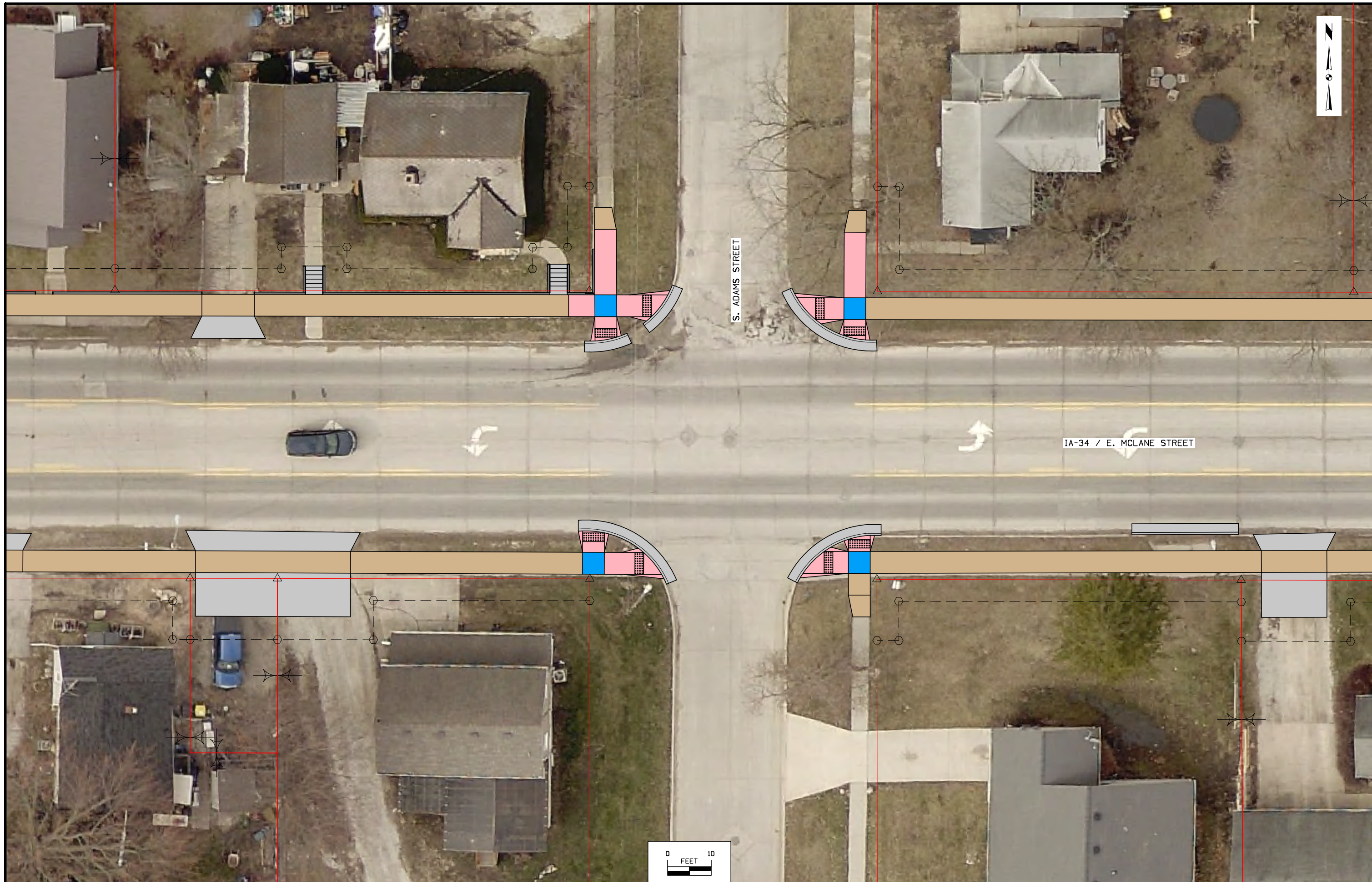


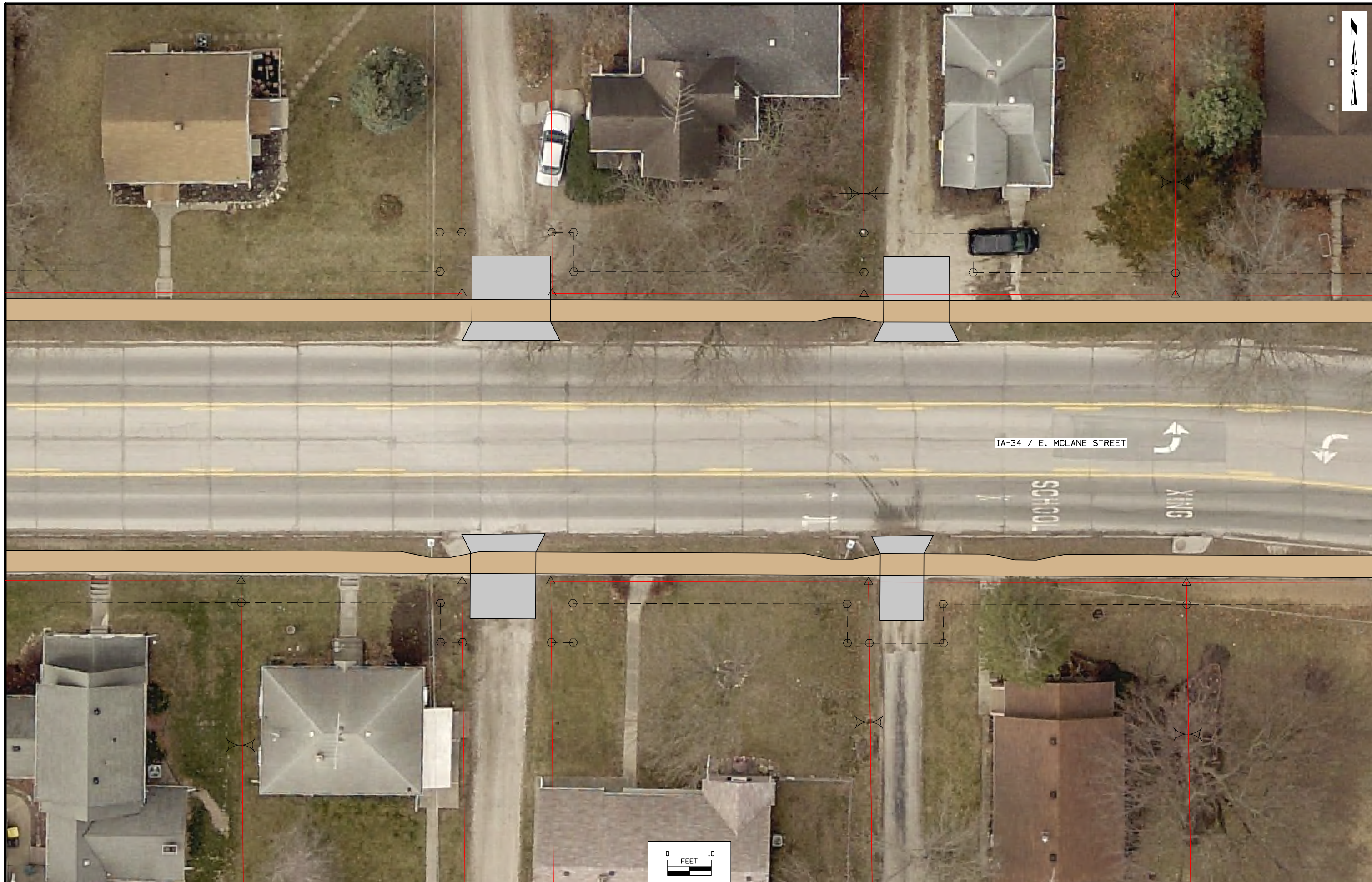




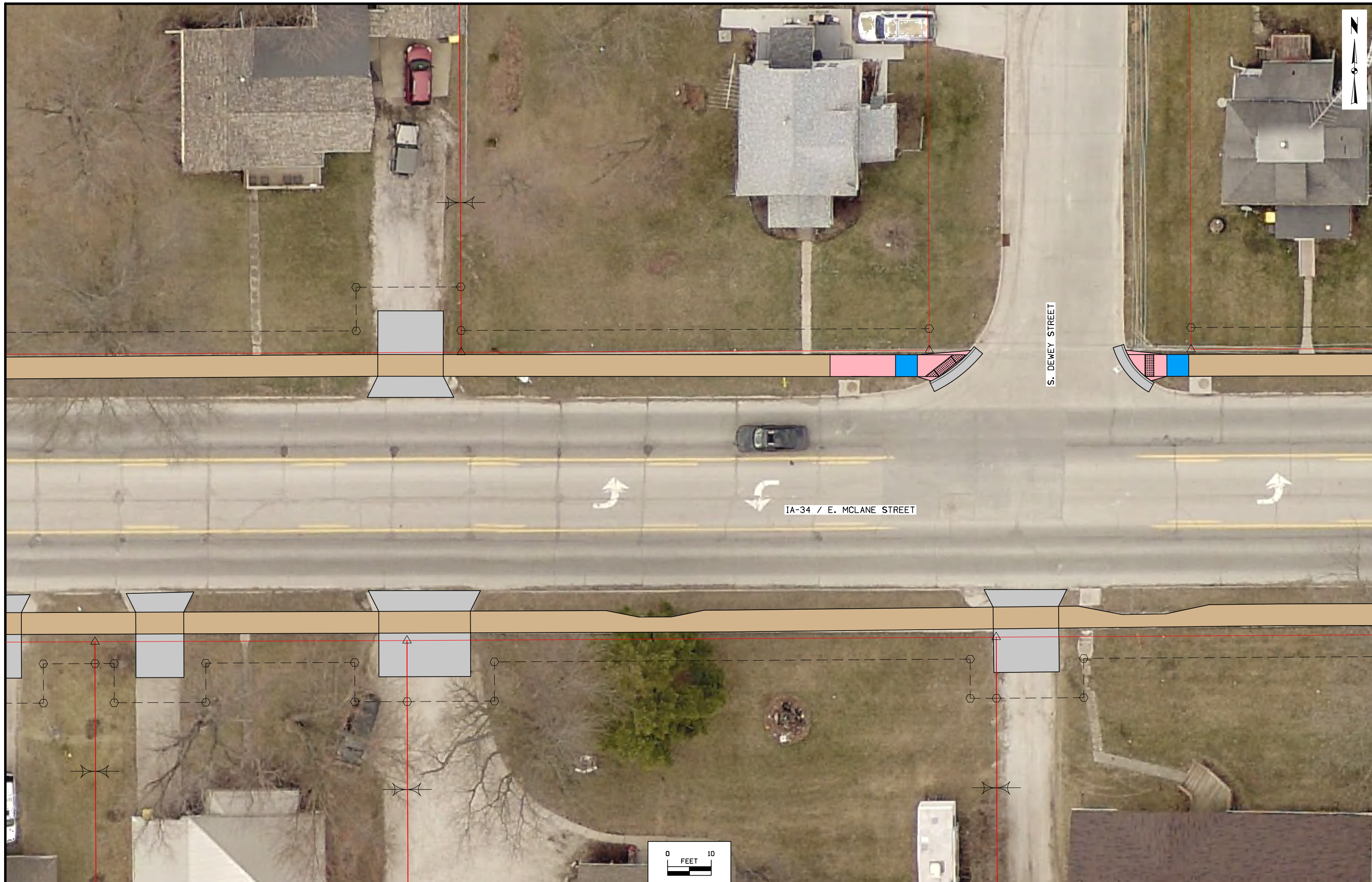
IA-34 / E. MCLANE STREET

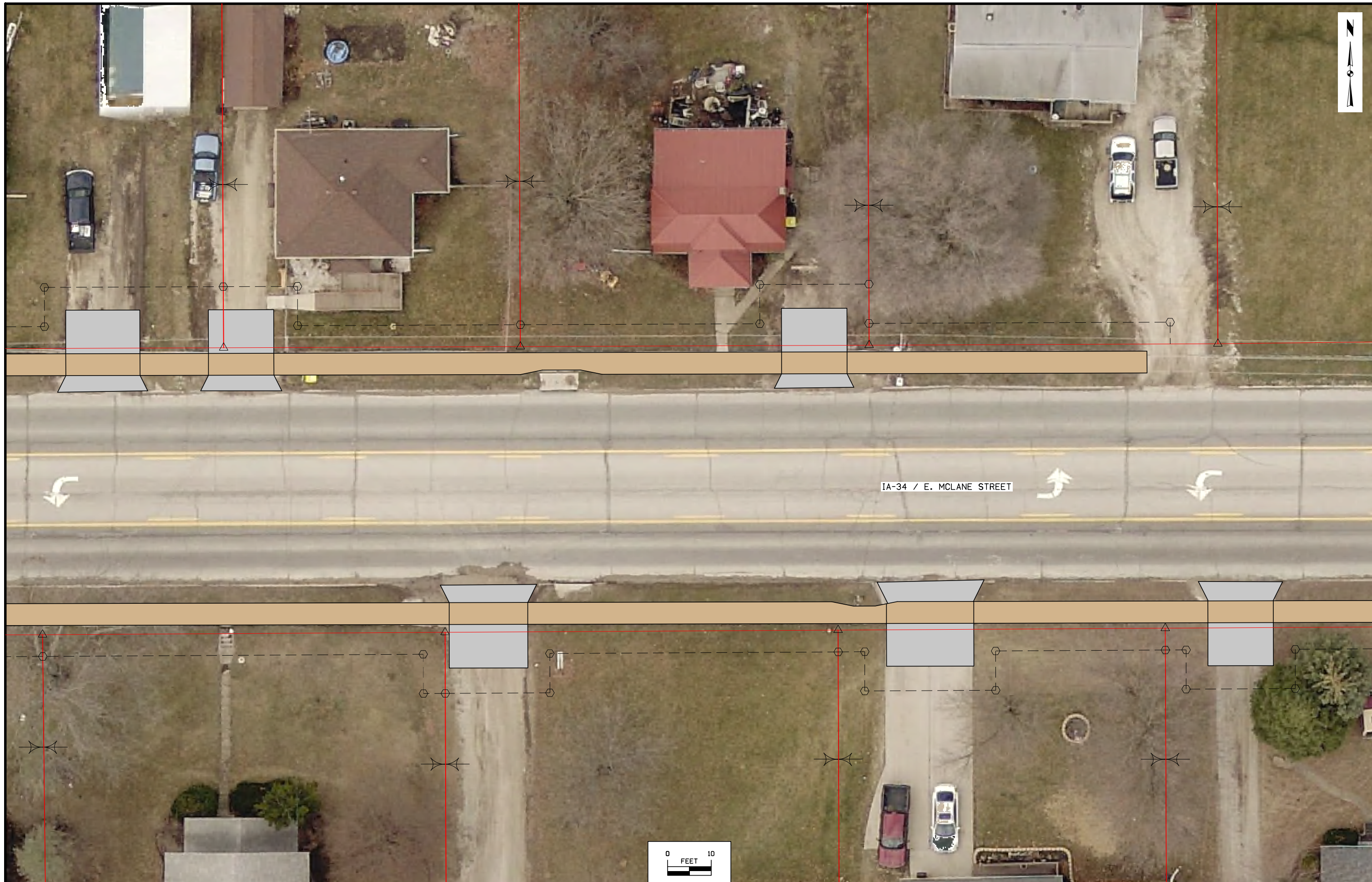


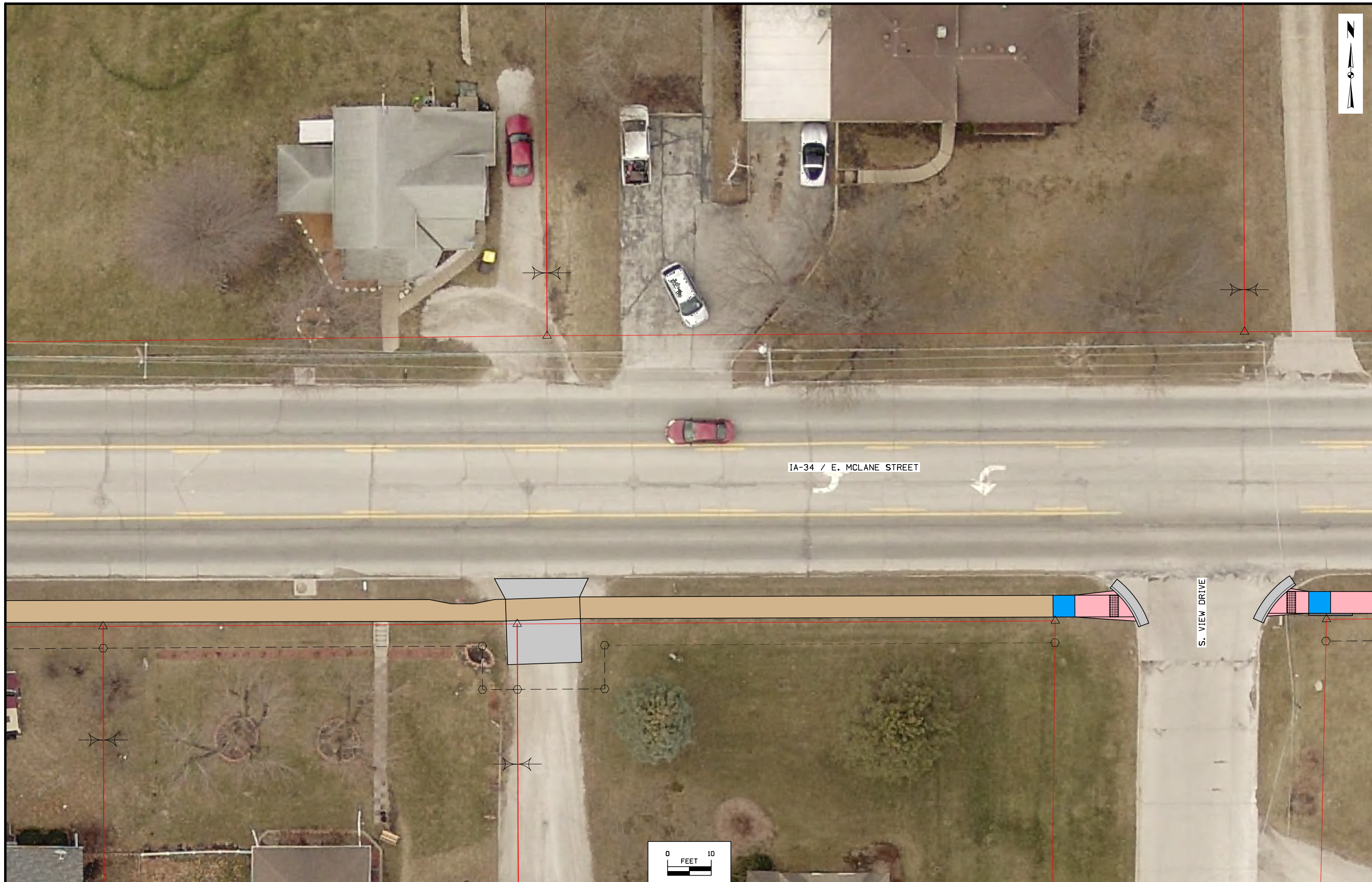






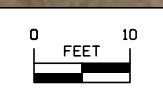






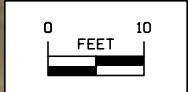
IA-34 / E. MCLANE STREET

S. VIEW DRIVE





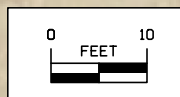
IA-34 / E. MCLANE STREET





IA-69 / S. MAIN STREET

IA-34 / E. MCLANE STREET





Survey Information
County: Clarke
PIN: 18-20-034-010
Project Number: NHSN-034-5(26)--2R-20
Location: In City of Osceola (ADA - District 5)
Type of Work: PCC Sidewalk
Project Directory: 2003401018

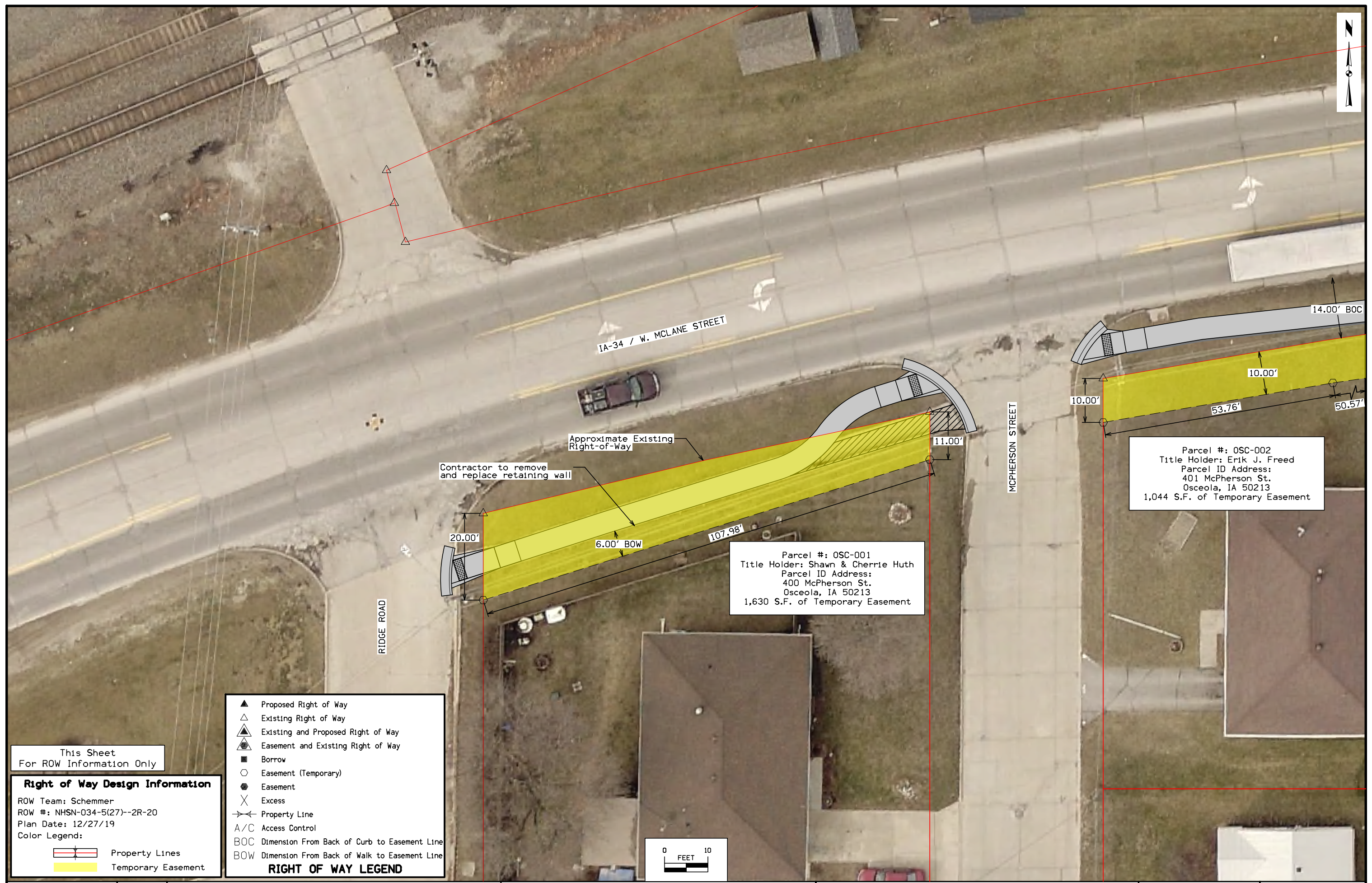
NOTE: The information included in this sheet is to enable locating ADA horizontal only stake points. Any other use of this information exceeds the intent of it. This information is provided to promote the efficient use of the Iowa Real-Time Network (IaRTN) with Global Navigation Satellite System (GNSS) equipment configured to the project coordinate system to stake out horizontal design point locations. Use of the IaRTN with GNSS equipment is used in place of survey control marks at the project site. The IaRTN reference stations are in essence the project control marks.

The geographic coordinate system used to perform the pre-design survey is Iowa Regional Coordinate System Zone 12. This coordinate system was used for design and must be configured into GNSS equipment to stake points for this project. Two local marks have been designated for future use to validate GNSS equipment results. These marks can be used to validate results while staking design points.

ELEVATION NOTE: ADA construction requires laying out plan slopes from the gutter line of the roadway. Therefore elevation datum for each ADA ramp is the gutter. Because elevation datum to be used is an existing topographic feature at the date of construction a predetermined elevation of that feature or local benchmark elevations are irrelevant and not included with this information.

Validation Point H110
NORTHWEST CORNER OF THE BRICK DEPOT, NORTHEAST OF THE
ROAD CROSSING, 54 FEET EAST OF THE CENTERLINE OF U.S.
HIGHWAY 69, 30 FEET NORTH OF THE CENTERLINE OF THE NORTH
MAIN TRACK, 10 FEET NORTH OF A SIDE TRACK HEADED NORTH,
AND 1 FOOT SOUTH OF A CARSONITE WITNESS POST.
IaRCS ZONE 12
N=6243931.15
E=22495729.68

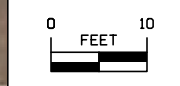


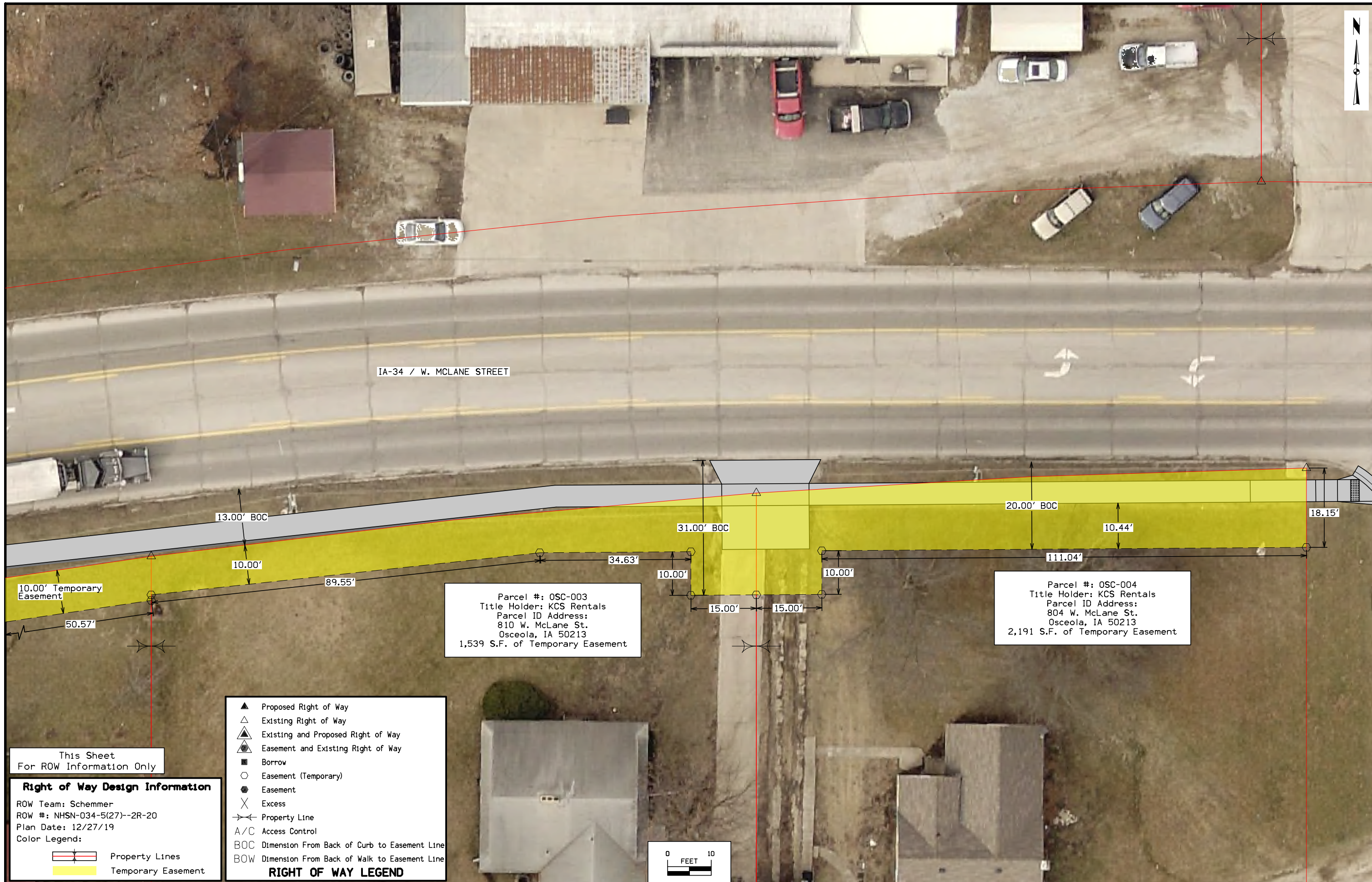


This Sheet
For ROW Information Only

Right of Way Design Information
ROW Team: Schemmer
ROW #: NHSN-034-5(27)--2R-20
Plan Date: 12/27/19
Color Legend:
Property Lines
Temporary Easement

- ▲ Proposed Right of Way
 - △ Existing Right of Way
 - ▲△ Existing and Proposed Right of Way
 - ⊕ Easement and Existing Right of Way
 - Borrow
 - Easement (Temporary)
 - ⊗ Easement
 - ✕ Excess
 - Property Line
 - A/C Access Control
 - BOC Dimension From Back of Curb to Easement Line
 - BOW Dimension From Back of Walk to Easement Line
- RIGHT OF WAY LEGEND**





IA-34 / W. MCLANE STREET

13.00' BOC

10.00'

10.00' Temporary Easement

50.57'

89.55'

34.63'

10.00'

31.00' BOC

15.00'

10.00'

20.00' BOC

10.44'

111.04'

18.15'

Parcel #: OSC-003
 Title Holder: KCS Rentals
 Parcel ID Address:
 810 W. McLane St.
 Osceola, IA 50213
 1,539 S.F. of Temporary Easement

Parcel #: OSC-004
 Title Holder: KCS Rentals
 Parcel ID Address:
 804 W. McLane St.
 Osceola, IA 50213
 2,191 S.F. of Temporary Easement

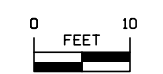
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 For ROW Information Only

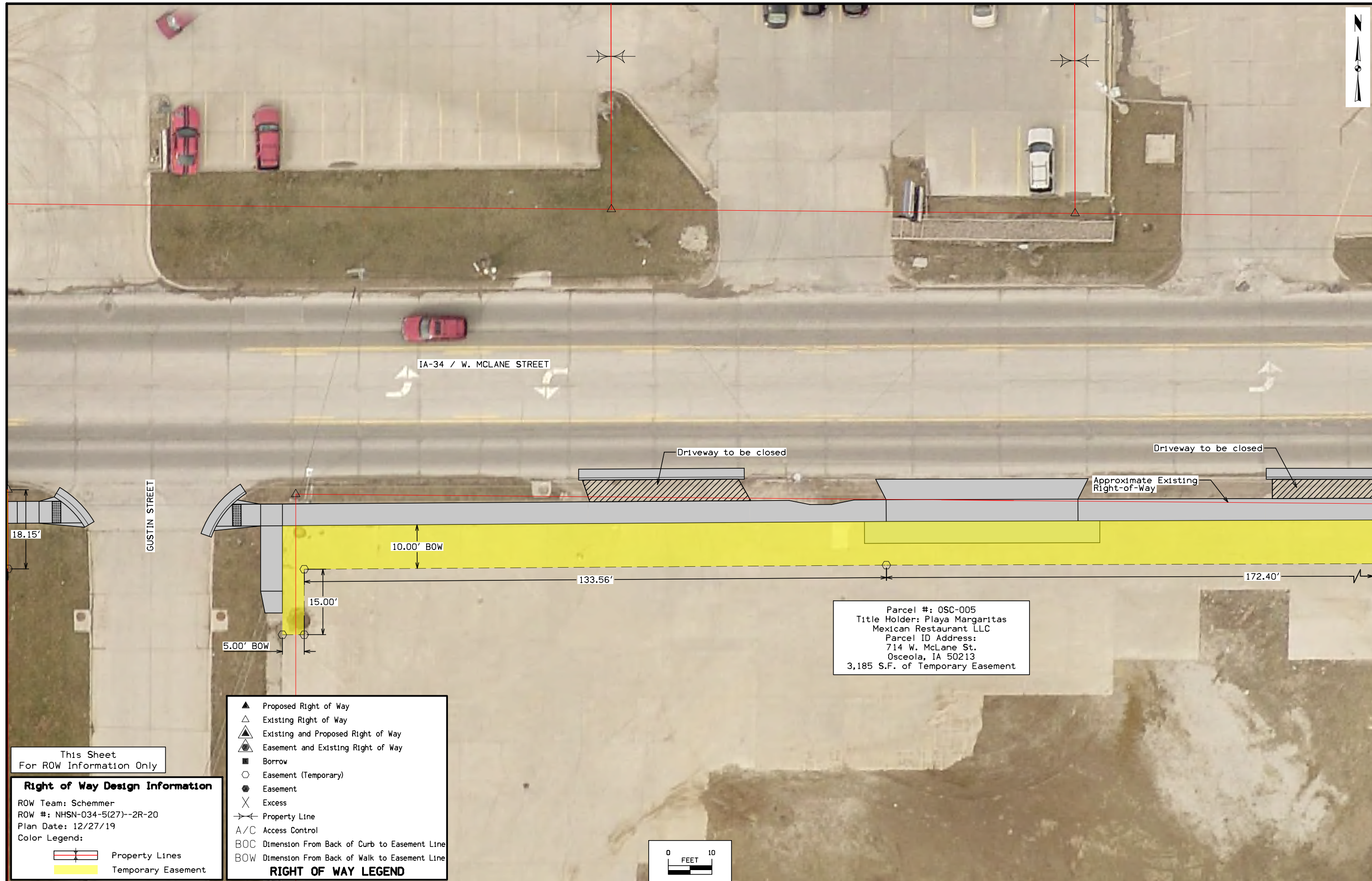
Right of Way Design Information

ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:

- Property Lines
- Temporary Easement

- Proposed Right of Way
 - Existing Right of Way
 - Existing and Proposed Right of Way
 - Easement and Existing Right of Way
 - Borrow
 - Easement (Temporary)
 - Easement
 - Excess
 - Property Line
 - Access Control
 - Dimension From Back of Curb to Easement Line
 - Dimension From Back of Walk to Easement Line
- RIGHT OF WAY LEGEND**





IA-34 / W. MCLANE STREET

GUSTIN STREET

Driveway to be closed

Driveway to be closed

Approximate Existing Right-of-Way

18.15'

10.00' BOW

133.56'

172.40'

15.00'

5.00' BOW

Parcel #: OSC-005
 Title Holder: Playa Margaritas Mexican Restaurant LLC
 Parcel ID Address:
 714 W. McLane St.
 Osceola, IA 50213
 3,185 S.F. of Temporary Easement

- ▲ Proposed Right of Way
 - △ Existing Right of Way
 - ▲△ Existing and Proposed Right of Way
 - ⊕ Easement and Existing Right of Way
 - Borrow
 - Easement (Temporary)
 - ⊗ Easement
 - ✕ Excess
 - ✂ Property Line
 - A/C Access Control
 - BOC Dimension From Back of Curb to Easement Line
 - BOW Dimension From Back of Walk to Easement Line
- RIGHT OF WAY LEGEND**

This Sheet For ROW Information Only

Right of Way Design Information

ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:

- Property Lines
- Temporary Easement





S. VALE STREET

IA-34 / W. MCLANE STREET

DEARBORN STREET

Driveway to be closed

Driveway to be closed

Approximate Existing Right-of-Way

10.00' BOW

172.40'

10.00' BOW

68.10'

5.00'

5.00' BOW

84.53'

5.00' BOW

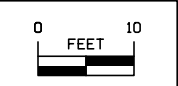
166.93'

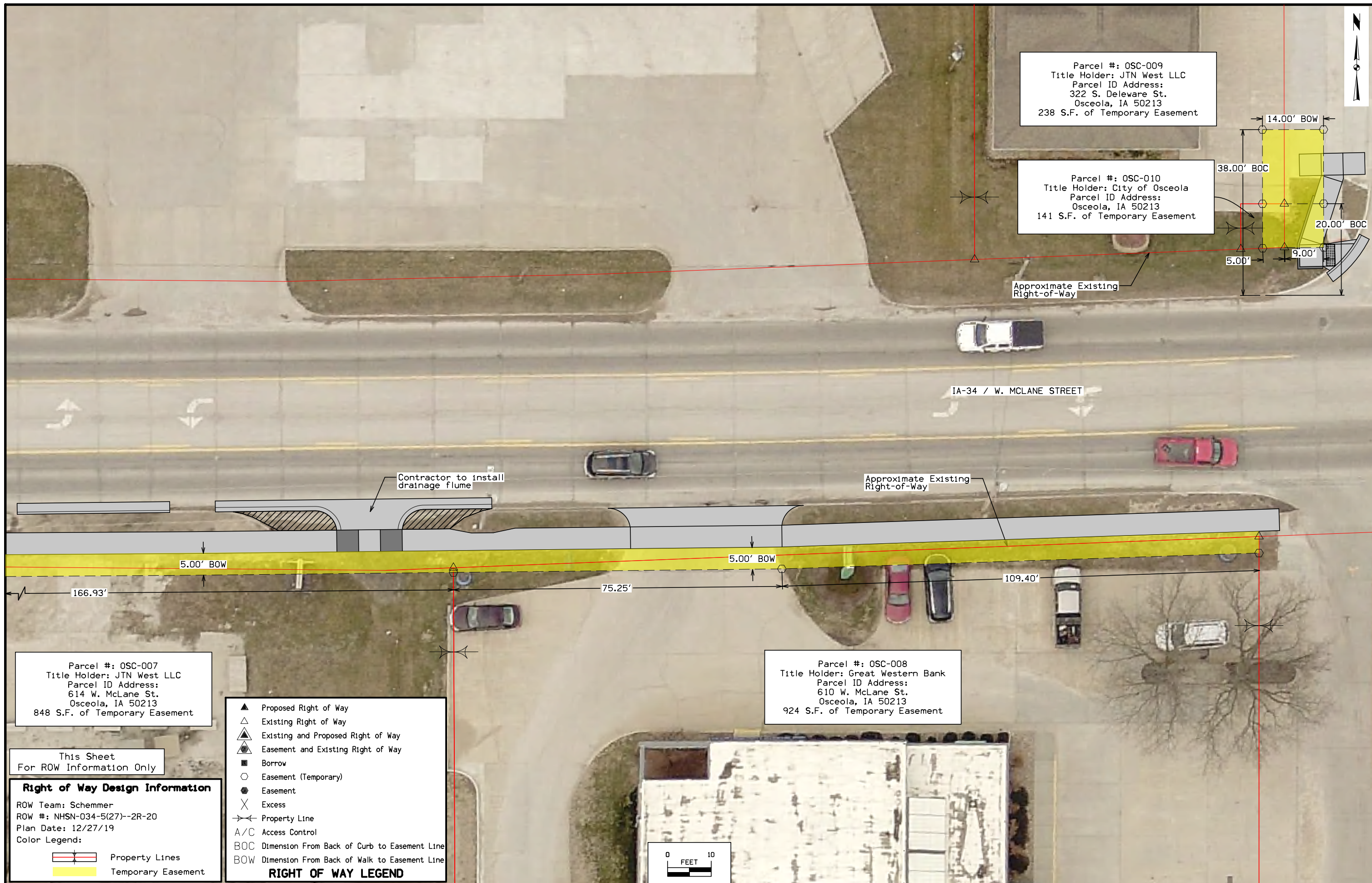
Parcel #: OSC-006
 Title Holder: American State Bank
 Parcel ID Address:
 630 W. McLane St.
 Osceola, IA 50213
 1,090 S.F. of Temporary Easement

This Sheet
 For ROW Information Only

Right of Way Design Information
 ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:
 Property Lines
 Temporary Easement

RIGHT OF WAY LEGEND
 Proposed Right of Way
 Existing Right of Way
 Existing and Proposed Right of Way
 Easement and Existing Right of Way
 Borrow
 Easement (Temporary)
 Easement
 Excess
 Property Line
 A/C Access Control
 BOC Dimension From Back of Curb to Easement Line
 BOW Dimension From Back of Walk to Easement Line





Parcel #: OSC-009
 Title Holder: JTN West LLC
 Parcel ID Address:
 322 S. Delaware St.
 Osceola, IA 50213
 238 S.F. of Temporary Easement

Parcel #: OSC-010
 Title Holder: City of Osceola
 Parcel ID Address:
 Osceola, IA 50213
 141 S.F. of Temporary Easement

Parcel #: OSC-007
 Title Holder: JTN West LLC
 Parcel ID Address:
 614 W. McLane St.
 Osceola, IA 50213
 848 S.F. of Temporary Easement

Parcel #: OSC-008
 Title Holder: Great Western Bank
 Parcel ID Address:
 610 W. McLane St.
 Osceola, IA 50213
 924 S.F. of Temporary Easement

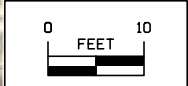
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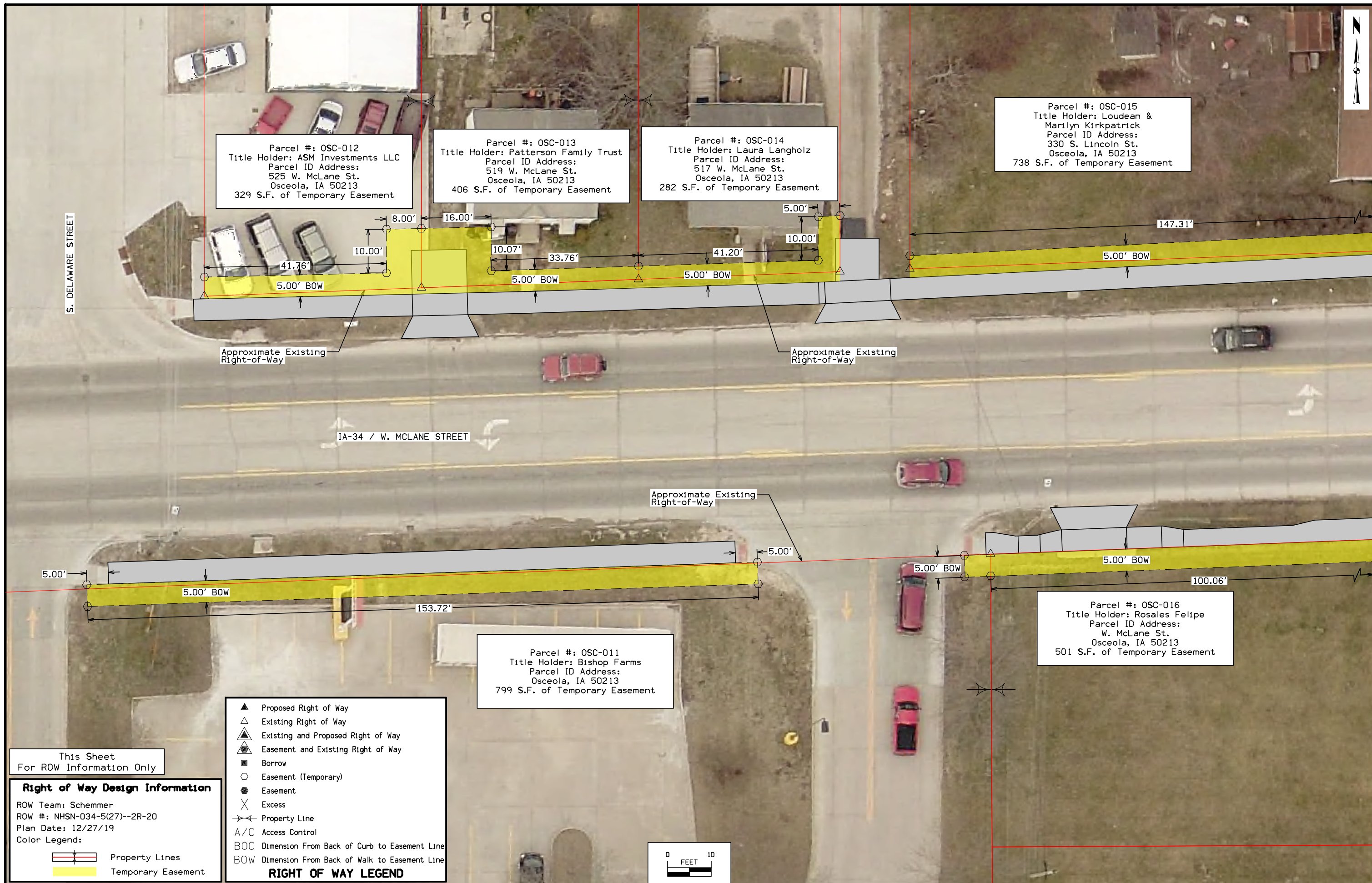
Right of Way Design Information

ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:

- Property Lines
- Temporary Easement

- Proposed Right of Way
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 - Existing and Proposed Right of Way
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 - BOW Dimension From Back of Walk to Easement Line
- RIGHT OF WAY LEGEND**





Parcel #: OSC-012
 Title Holder: ASM Investments LLC
 Parcel ID Address:
 525 W. McLane St.
 Osceola, IA 50213
 329 S.F. of Temporary Easement

Parcel #: OSC-013
 Title Holder: Patterson Family Trust
 Parcel ID Address:
 519 W. McLane St.
 Osceola, IA 50213
 406 S.F. of Temporary Easement

Parcel #: OSC-014
 Title Holder: Laura Langholz
 Parcel ID Address:
 517 W. McLane St.
 Osceola, IA 50213
 282 S.F. of Temporary Easement

Parcel #: OSC-015
 Title Holder: Loudean &
 Marilyn Kirkpatrick
 Parcel ID Address:
 330 S. Lincoln St.
 Osceola, IA 50213
 738 S.F. of Temporary Easement

Parcel #: OSC-011
 Title Holder: Bishop Farms
 Parcel ID Address:
 Osceola, IA 50213
 799 S.F. of Temporary Easement

Parcel #: OSC-016
 Title Holder: Rosales Felipe
 Parcel ID Address:
 W. McLane St.
 Osceola, IA 50213
 501 S.F. of Temporary Easement

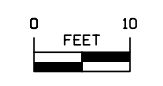
- ▲ Proposed Right of Way
 - △ Existing Right of Way
 - ▲△ Existing and Proposed Right of Way
 - ⊕ Easement and Existing Right of Way
 - Borrow
 - Easement (Temporary)
 - ⊙ Easement
 - × Excess
 - ↔ Property Line
 - A/C Access Control
 - BOC Dimension From Back of Curb to Easement Line
 - BOW Dimension From Back of Walk to Easement Line
- RIGHT OF WAY LEGEND**

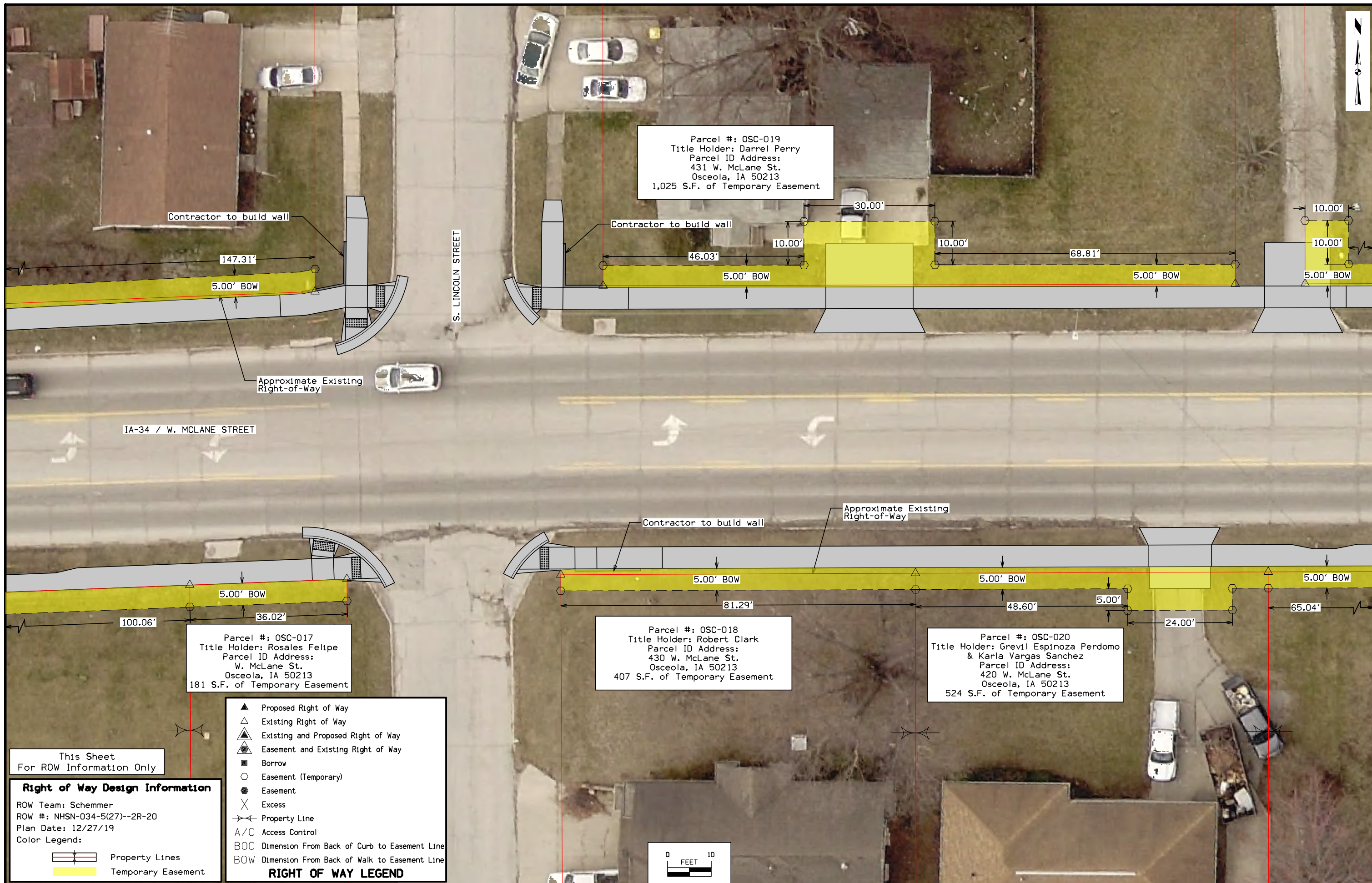
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Right of Way Design Information

ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:

- Property Lines
- Temporary Easement

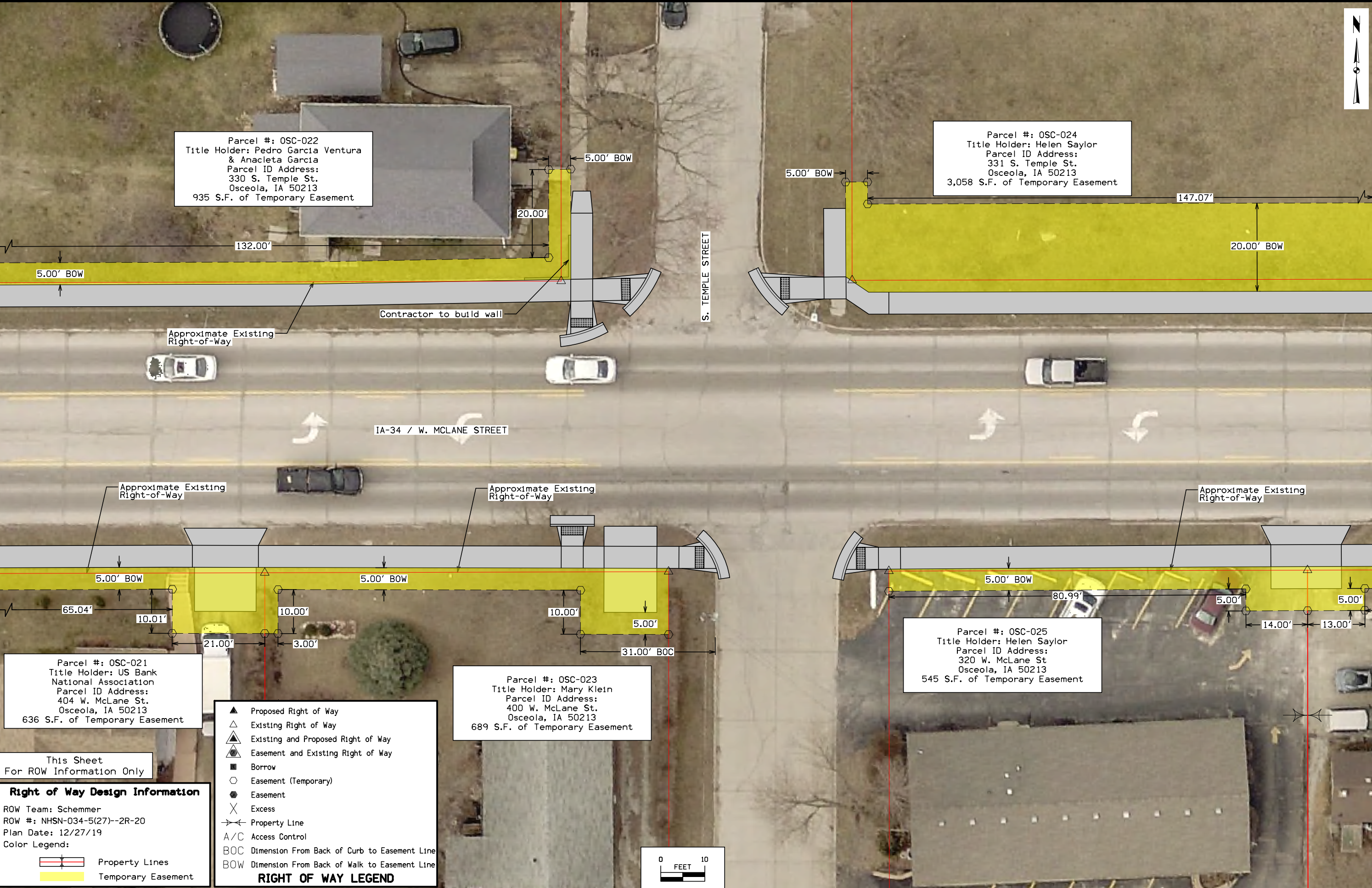






Parcel #: OSC-022
 Title Holder: Pedro Garcia Ventura & Anaclea Garcia
 Parcel ID Address:
 330 S. Temple St.
 Osceola, IA 50213
 935 S.F. of Temporary Easement

Parcel #: OSC-024
 Title Holder: Helen Saylor
 Parcel ID Address:
 331 S. Temple St.
 Osceola, IA 50213
 3,058 S.F. of Temporary Easement



Approximate Existing Right-of-Way

Approximate Existing Right-of-Way

Approximate Existing Right-of-Way

Parcel #: OSC-021
 Title Holder: US Bank National Association
 Parcel ID Address:
 404 W. McLane St.
 Osceola, IA 50213
 636 S.F. of Temporary Easement

Parcel #: OSC-023
 Title Holder: Mary Klein
 Parcel ID Address:
 400 W. McLane St.
 Osceola, IA 50213
 689 S.F. of Temporary Easement

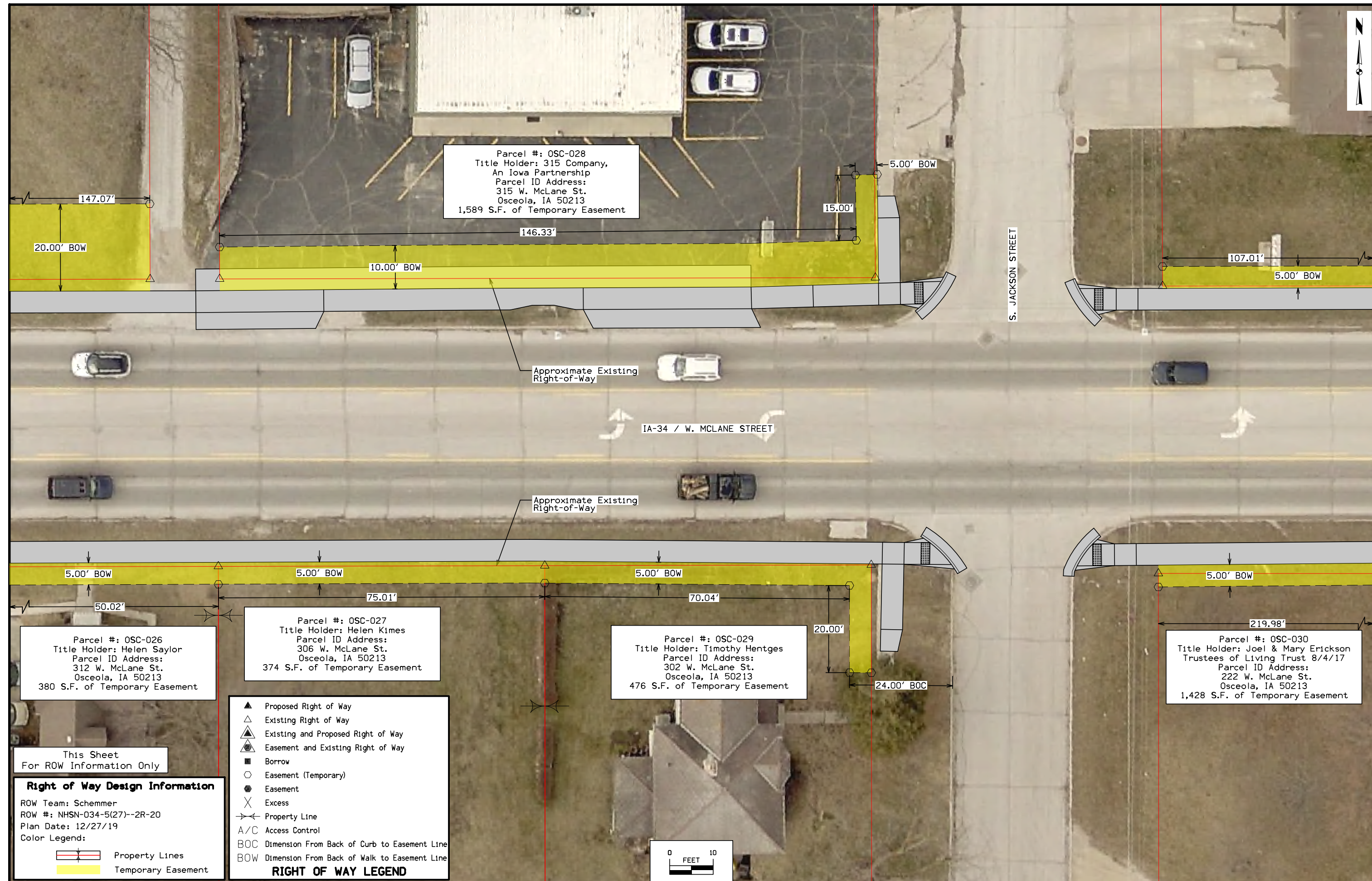
Parcel #: OSC-025
 Title Holder: Helen Saylor
 Parcel ID Address:
 320 W. McLane St
 Osceola, IA 50213
 545 S.F. of Temporary Easement

This Sheet
 For ROW Information Only

Right of Way Design Information
 ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:
 Property Lines
 Temporary Easement

RIGHT OF WAY LEGEND
 ▲ Proposed Right of Way
 △ Existing Right of Way
 ▲ Existing and Proposed Right of Way
 ⊕ Easement and Existing Right of Way
 ■ Borrow
 ○ Easement (Temporary)
 ⊗ Easement
 X Excess
 ↔ Property Line
 A/C Access Control
 BOC Dimension From Back of Curb to Easement Line
 BOW Dimension From Back of Walk to Easement Line





Parcel #: OSC-028
 Title Holder: 315 Company,
 An Iowa Partnership
 Parcel ID Address:
 315 W. McLane St.
 Osceola, IA 50213
 1,589 S.F. of Temporary Easement

Parcel #: OSC-026
 Title Holder: Helen Saylor
 Parcel ID Address:
 312 W. McLane St.
 Osceola, IA 50213
 380 S.F. of Temporary Easement

Parcel #: OSC-027
 Title Holder: Helen Kimes
 Parcel ID Address:
 306 W. McLane St.
 Osceola, IA 50213
 374 S.F. of Temporary Easement

Parcel #: OSC-029
 Title Holder: Timothy Hentges
 Parcel ID Address:
 302 W. McLane St.
 Osceola, IA 50213
 476 S.F. of Temporary Easement

Parcel #: OSC-030
 Title Holder: Joel & Mary Erickson
 Trustees of Living Trust 8/4/17
 Parcel ID Address:
 222 W. McLane St.
 Osceola, IA 50213
 1,428 S.F. of Temporary Easement

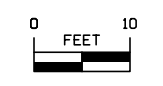
- RIGHT OF WAY LEGEND**
- ▲ Proposed Right of Way
 - △ Existing Right of Way
 - ▲△ Existing and Proposed Right of Way
 - ⊕ Easement and Existing Right of Way
 - Borrow
 - Easement (Temporary)
 - ⊙ Easement
 - ✕ Excess
 - Property Line
 - A/C Access Control
 - BOC Dimension From Back of Curb to Easement Line
 - BOW Dimension From Back of Walk to Easement Line

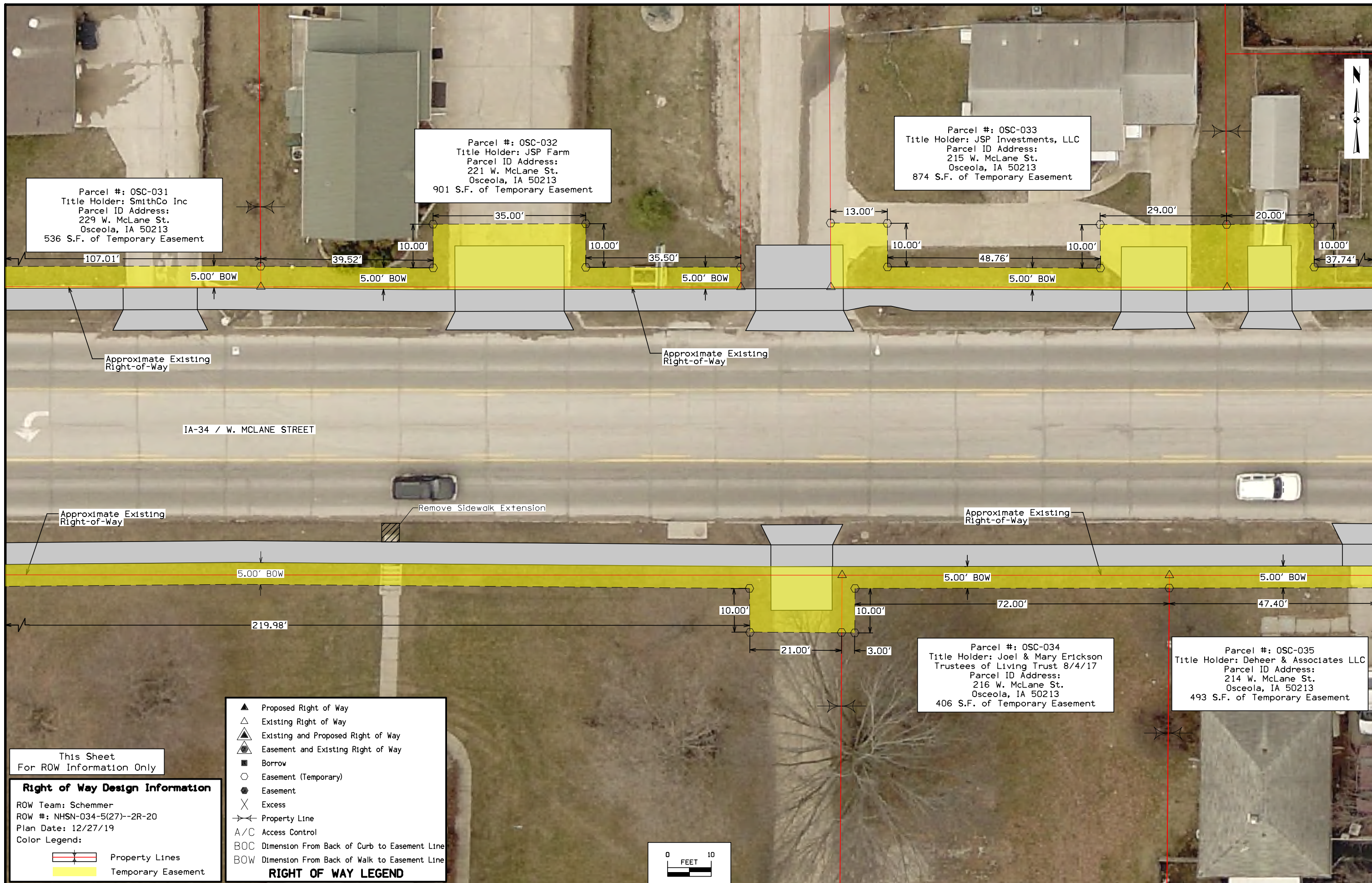
This Sheet
 For ROW Information Only

Right of Way Design Information

ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:

- Property Lines
- Temporary Easement





Parcel #: OSC-031
 Title Holder: SmithCo Inc
 Parcel ID Address:
 229 W. McLane St.
 Osceola, IA 50213
 536 S.F. of Temporary Easement

Parcel #: OSC-032
 Title Holder: JSP Farm
 Parcel ID Address:
 221 W. McLane St.
 Osceola, IA 50213
 901 S.F. of Temporary Easement

Parcel #: OSC-033
 Title Holder: JSP Investments, LLC
 Parcel ID Address:
 215 W. McLane St.
 Osceola, IA 50213
 874 S.F. of Temporary Easement

Parcel #: OSC-034
 Title Holder: Joel & Mary Erickson
 Trustees of Living Trust 8/4/17
 Parcel ID Address:
 216 W. McLane St.
 Osceola, IA 50213
 406 S.F. of Temporary Easement

Parcel #: OSC-035
 Title Holder: Deheer & Associates LLC
 Parcel ID Address:
 214 W. McLane St.
 Osceola, IA 50213
 493 S.F. of Temporary Easement

This Sheet
 For ROW Information Only

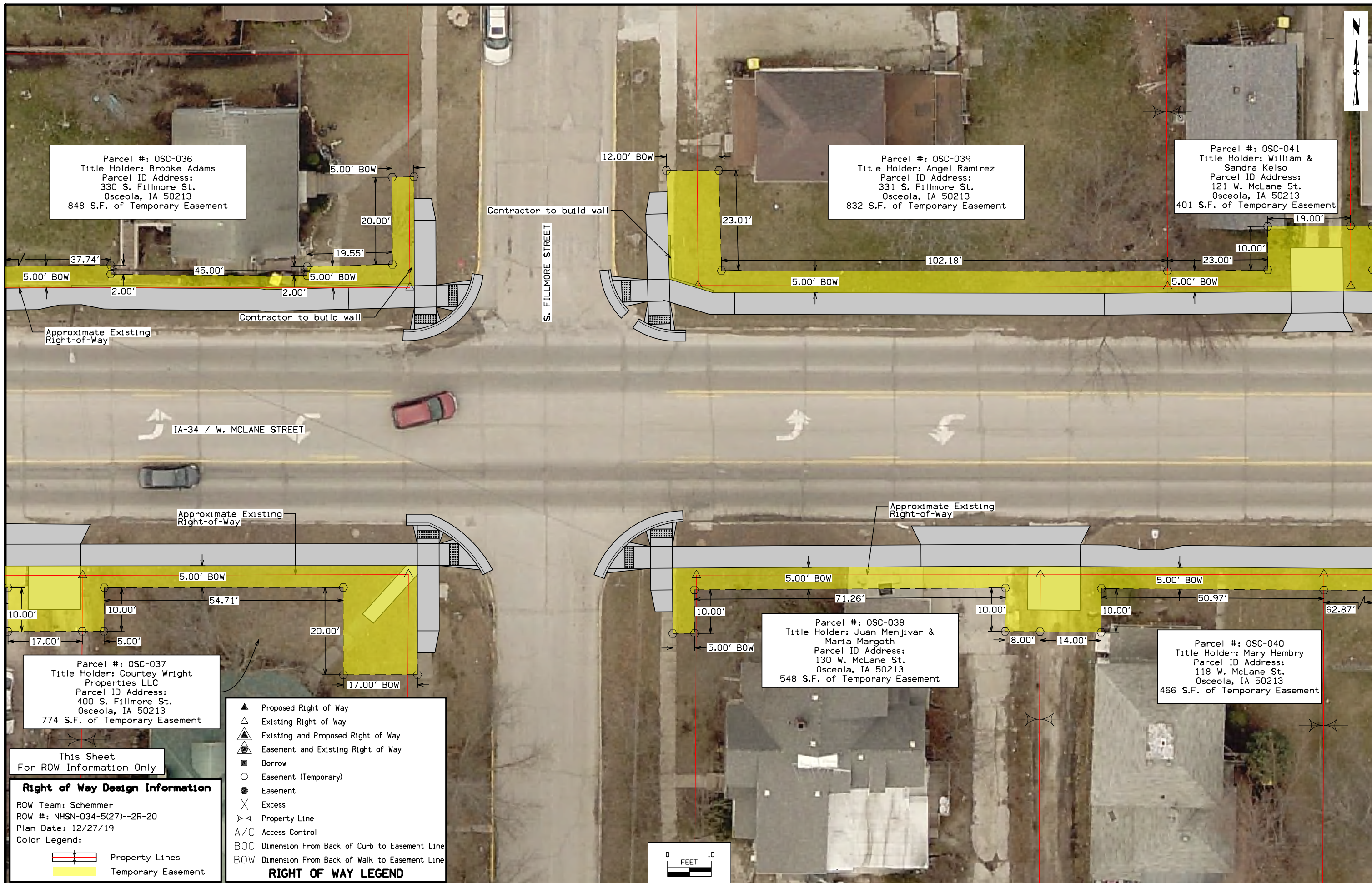
Right of Way Design Information
 ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:

	Property Lines
	Temporary Easement

RIGHT OF WAY LEGEND

- Proposed Right of Way
- Existing Right of Way
- Existing and Proposed Right of Way
- Easement and Existing Right of Way
- Borrow
- Easement (Temporary)
- Easement
- Excess
- Property Line
- A/C Access Control
- BOC Dimension From Back of Curb to Easement Line
- BOW Dimension From Back of Walk to Easement Line





Parcel #: OSC-036
 Title Holder: Brooke Adams
 Parcel ID Address:
 330 S. Fillmore St.
 Osceola, IA 50213
 848 S.F. of Temporary Easement

Parcel #: OSC-039
 Title Holder: Angel Ramirez
 Parcel ID Address:
 331 S. Fillmore St.
 Osceola, IA 50213
 832 S.F. of Temporary Easement

Parcel #: OSC-041
 Title Holder: William &
 Sandra Kelso
 Parcel ID Address:
 121 W. McLane St.
 Osceola, IA 50213
 401 S.F. of Temporary Easement

Parcel #: OSC-037
 Title Holder: Courtney Wright
 Properties LLC
 Parcel ID Address:
 400 S. Fillmore St.
 Osceola, IA 50213
 774 S.F. of Temporary Easement

Parcel #: OSC-038
 Title Holder: Juan Menjivar &
 Maria Margoth
 Parcel ID Address:
 130 W. McLane St.
 Osceola, IA 50213
 548 S.F. of Temporary Easement

Parcel #: OSC-040
 Title Holder: Mary Hembry
 Parcel ID Address:
 118 W. McLane St.
 Osceola, IA 50213
 466 S.F. of Temporary Easement

RIGHT OF WAY LEGEND

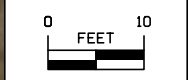
- ▲ Proposed Right of Way
- △ Existing Right of Way
- ▲△ Existing and Proposed Right of Way
- ⊕ Easement and Existing Right of Way
- Borrow
- Easement (Temporary)
- ⊙ Easement
- ✕ Excess
- ↔ Property Line
- A/C Access Control
- BOC Dimension From Back of Curb to Easement Line
- BOW Dimension From Back of Walk to Easement Line

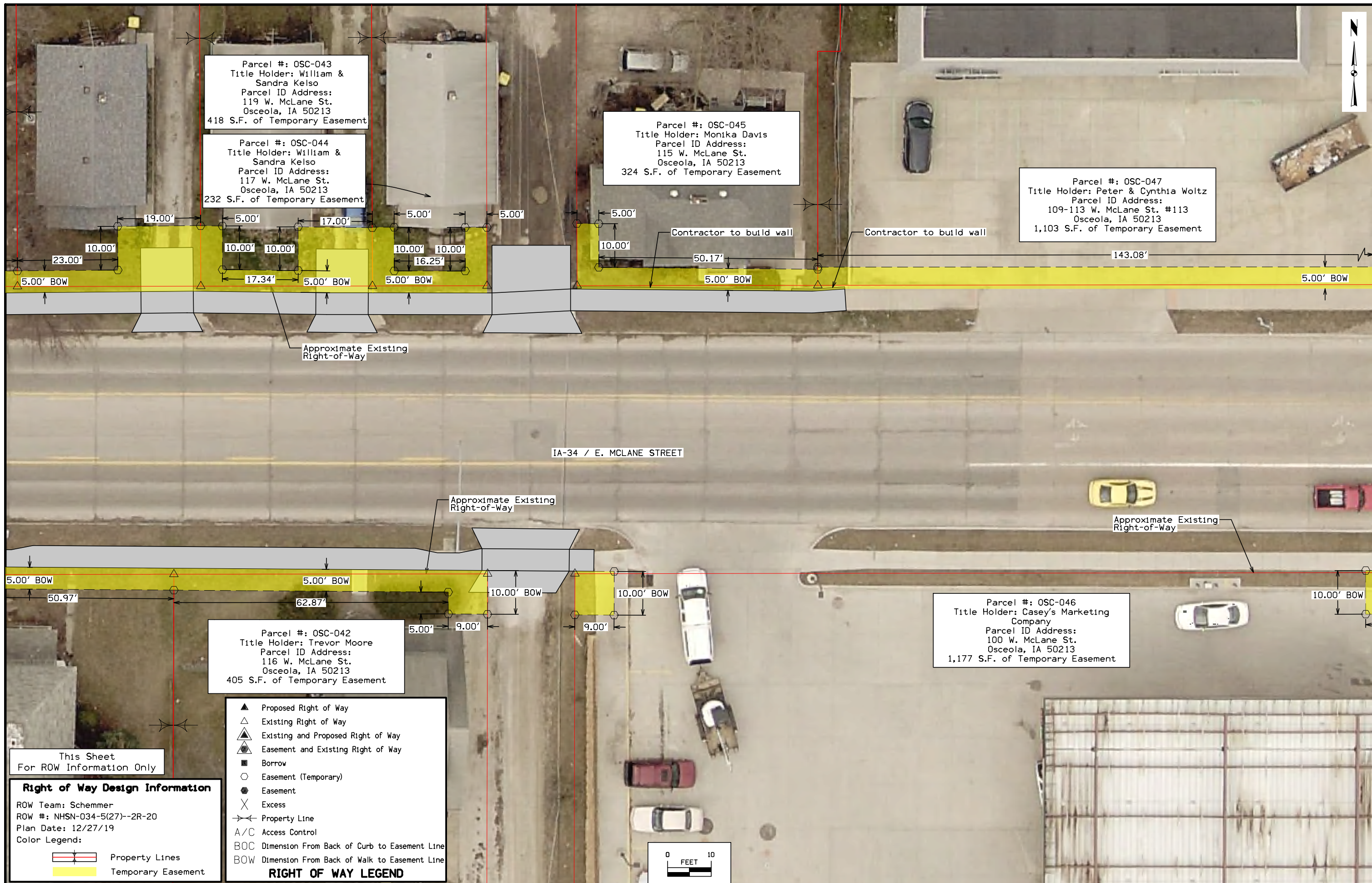
This Sheet
 For ROW Information Only

Right of Way Design Information

ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:

Property Lines
 Temporary Easement





Parcel #: OSC-043
 Title Holder: William & Sandra Kelso
 Parcel ID Address: 119 W. McLane St. Osceola, IA 50213
 418 S.F. of Temporary Easement

Parcel #: OSC-044
 Title Holder: William & Sandra Kelso
 Parcel ID Address: 117 W. McLane St. Osceola, IA 50213
 232 S.F. of Temporary Easement

Parcel #: OSC-045
 Title Holder: Monika Davis
 Parcel ID Address: 115 W. McLane St. Osceola, IA 50213
 324 S.F. of Temporary Easement

Parcel #: OSC-047
 Title Holder: Peter & Cynthia Woltz
 Parcel ID Address: 109-113 W. McLane St. #113 Osceola, IA 50213
 1,103 S.F. of Temporary Easement

Parcel #: OSC-042
 Title Holder: Trevor Moore
 Parcel ID Address: 116 W. McLane St. Osceola, IA 50213
 405 S.F. of Temporary Easement

Parcel #: OSC-046
 Title Holder: Casey's Marketing Company
 Parcel ID Address: 100 W. McLane St. Osceola, IA 50213
 1,177 S.F. of Temporary Easement

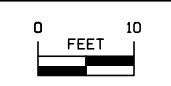
- RIGHT OF WAY LEGEND**
- ▲ Proposed Right of Way
 - △ Existing Right of Way
 - ▲△ Existing and Proposed Right of Way
 - ⊕ Easement and Existing Right of Way
 - Borrow
 - Easement (Temporary)
 - ⊙ Easement
 - ✕ Excess
 - ↔ Property Line
 - A/C Access Control
 - BOC Dimension From Back of Curb to Easement Line
 - BOW Dimension From Back of Walk to Easement Line

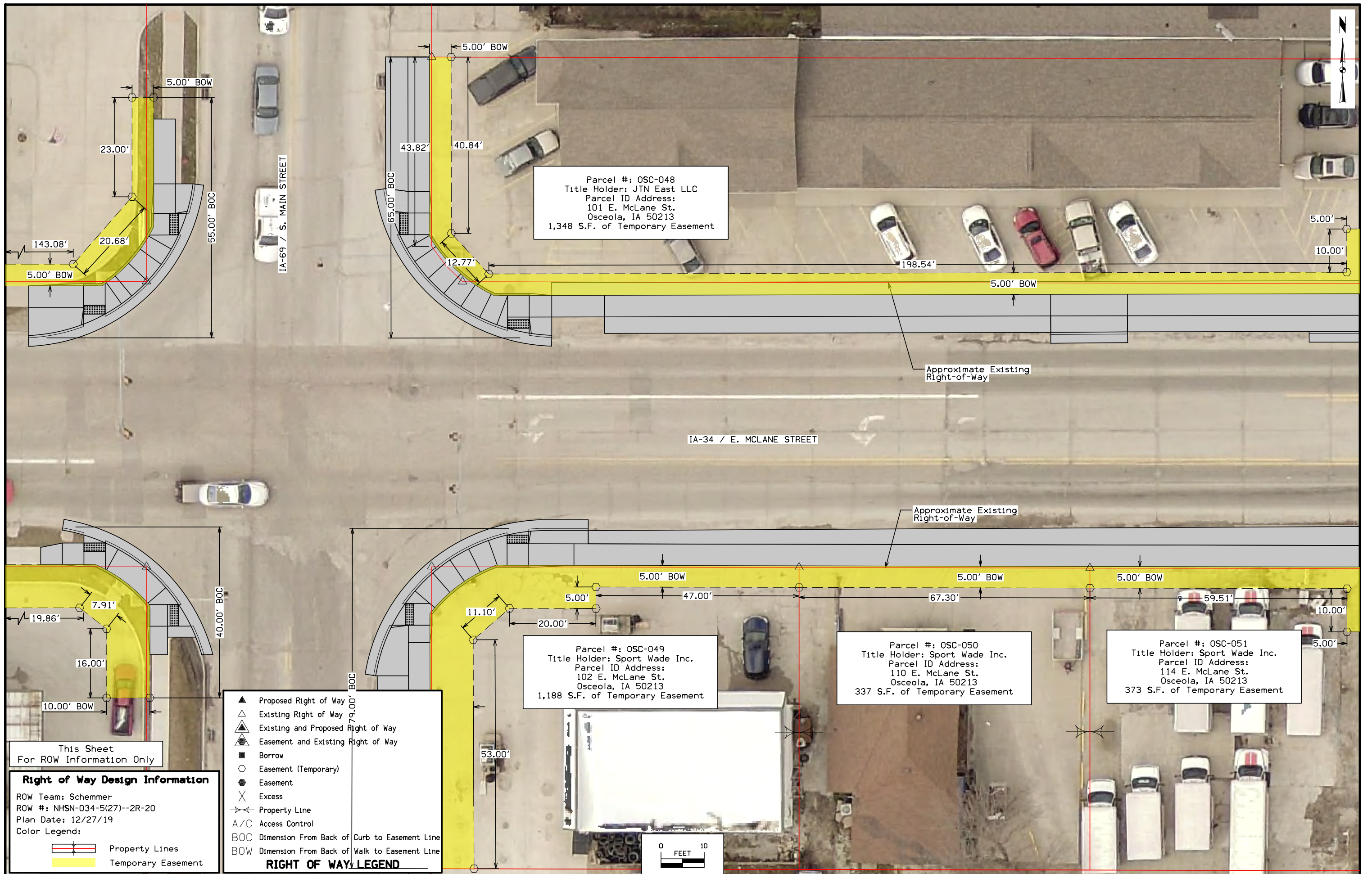
This Sheet
 For ROW Information Only

Right of Way Design Information

ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:

- Property Lines
- Temporary Easement





Parcel #: OSC-048
 Title Holder: JTN East LLC
 Parcel ID Address:
 101 E. McLane St.
 Osceola, IA 50213
 1,348 S.F. of Temporary Easement

Parcel #: OSC-049
 Title Holder: Sport Wade Inc.
 Parcel ID Address:
 102 E. McLane St.
 Osceola, IA 50213
 1,188 S.F. of Temporary Easement

Parcel #: OSC-050
 Title Holder: Sport Wade Inc.
 Parcel ID Address:
 110 E. McLane St.
 Osceola, IA 50213
 337 S.F. of Temporary Easement

Parcel #: OSC-051
 Title Holder: Sport Wade Inc.
 Parcel ID Address:
 114 E. McLane St.
 Osceola, IA 50213
 373 S.F. of Temporary Easement

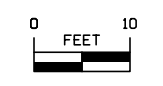
- RIGHT OF WAY LEGEND**
- ▲ Proposed Right of Way
 - △ Existing Right of Way
 - ▲ Existing and Proposed Right of Way
 - ⊕ Easement and Existing Right of Way
 - Borrow
 - Easement (Temporary)
 - ⊙ Easement
 - ✕ Excess
 - Property Line
 - A/C Access Control
 - BOC Dimension From Back of Curb to Easement Line
 - BOW Dimension From Back of Walk to Easement Line

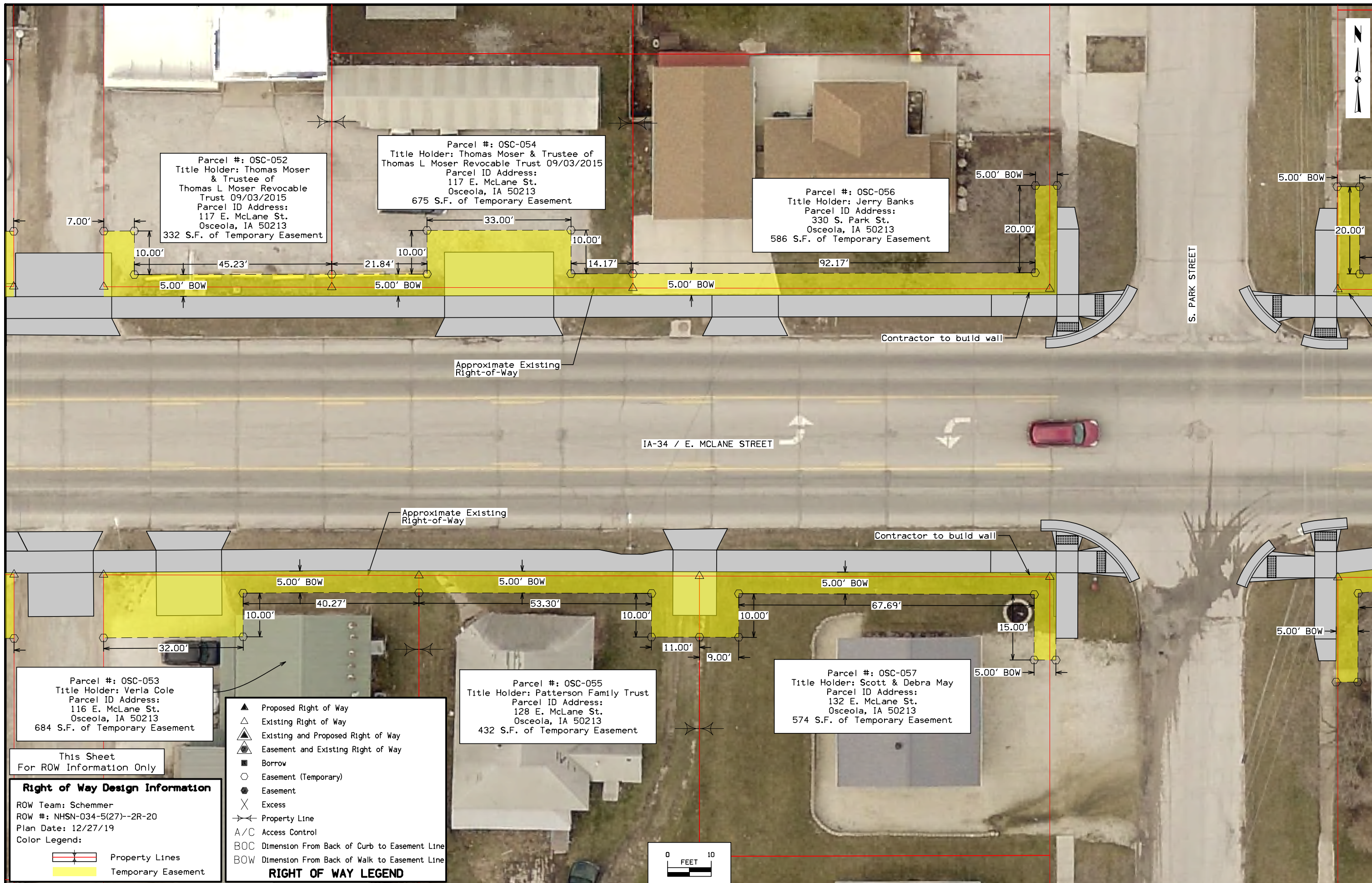
This Sheet
 For ROW Information Only

Right of Way Design Information

ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:

- Property Lines
- Temporary Easement





Parcel #: OSC-052
 Title Holder: Thomas Moser & Trustee of Thomas L Moser Revocable Trust 09/03/2015
 Parcel ID Address: 117 E. McLane St. Osceola, IA 50213
 332 S.F. of Temporary Easement

Parcel #: OSC-054
 Title Holder: Thomas Moser & Trustee of Thomas L Moser Revocable Trust 09/03/2015
 Parcel ID Address: 117 E. McLane St. Osceola, IA 50213
 675 S.F. of Temporary Easement

Parcel #: OSC-056
 Title Holder: Jerry Banks
 Parcel ID Address: 330 S. Park St. Osceola, IA 50213
 586 S.F. of Temporary Easement

Parcel #: OSC-053
 Title Holder: Verla Cole
 Parcel ID Address: 116 E. McLane St. Osceola, IA 50213
 684 S.F. of Temporary Easement

Parcel #: OSC-055
 Title Holder: Patterson Family Trust
 Parcel ID Address: 128 E. McLane St. Osceola, IA 50213
 432 S.F. of Temporary Easement

Parcel #: OSC-057
 Title Holder: Scott & Debra May
 Parcel ID Address: 132 E. McLane St. Osceola, IA 50213
 574 S.F. of Temporary Easement

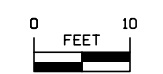
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 For ROW Information Only

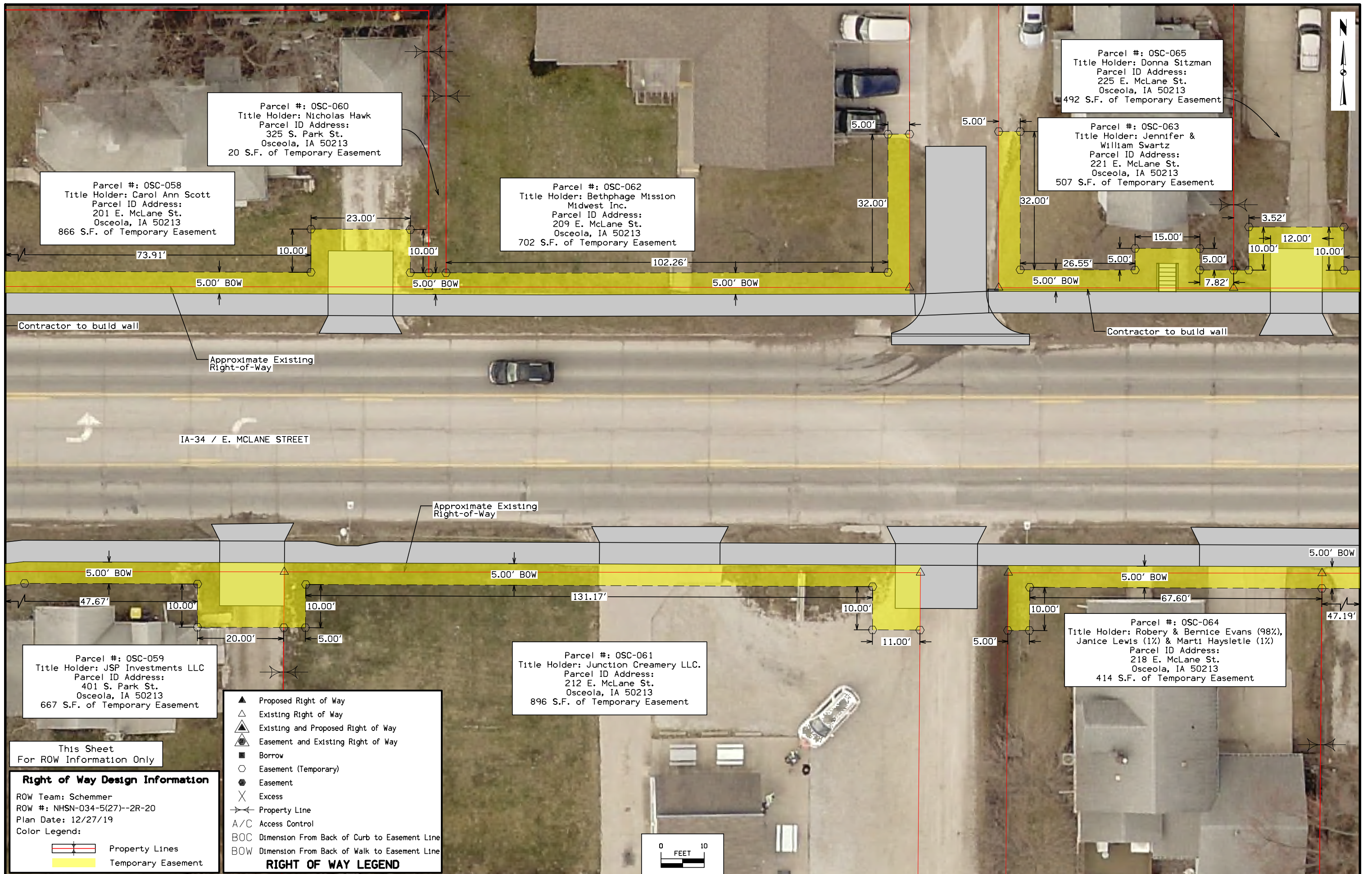
Right of Way Design Information
 ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:

Property Lines
 Temporary Easement

▲ Proposed Right of Way
 △ Existing Right of Way
 ▲ Existing and Proposed Right of Way
 ⊕ Easement and Existing Right of Way
 ■ Borrow
 ○ Easement (Temporary)
 ⊗ Easement
 X Excess
 --- Property Line
 A/C Access Control
 BOC Dimension From Back of Curb to Easement Line
 BOW Dimension From Back of Walk to Easement Line

RIGHT OF WAY LEGEND





Parcel #: OSC-058
 Title Holder: Carol Ann Scott
 Parcel ID Address:
 201 E. McLane St.
 Osceola, IA 50213
 866 S.F. of Temporary Easement

Parcel #: OSC-060
 Title Holder: Nicholas Hawk
 Parcel ID Address:
 325 S. Park St.
 Osceola, IA 50213
 20 S.F. of Temporary Easement

Parcel #: OSC-062
 Title Holder: Bethphage Mission
 Midwest Inc.
 Parcel ID Address:
 209 E. McLane St.
 Osceola, IA 50213
 702 S.F. of Temporary Easement

Parcel #: OSC-065
 Title Holder: Donna Sitzman
 Parcel ID Address:
 225 E. McLane St.
 Osceola, IA 50213
 492 S.F. of Temporary Easement

Parcel #: OSC-063
 Title Holder: Jennifer &
 William Swartz
 Parcel ID Address:
 221 E. McLane St.
 Osceola, IA 50213
 507 S.F. of Temporary Easement

Parcel #: OSC-064
 Title Holder: Robery & Bernice Evans (98%),
 Janice Lewis (1%) & Marti Haysletle (1%)
 Parcel ID Address:
 218 E. McLane St.
 Osceola, IA 50213
 414 S.F. of Temporary Easement

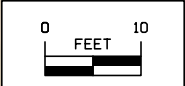
Parcel #: OSC-059
 Title Holder: JSP Investments LLC
 Parcel ID Address:
 401 S. Park St.
 Osceola, IA 50213
 667 S.F. of Temporary Easement

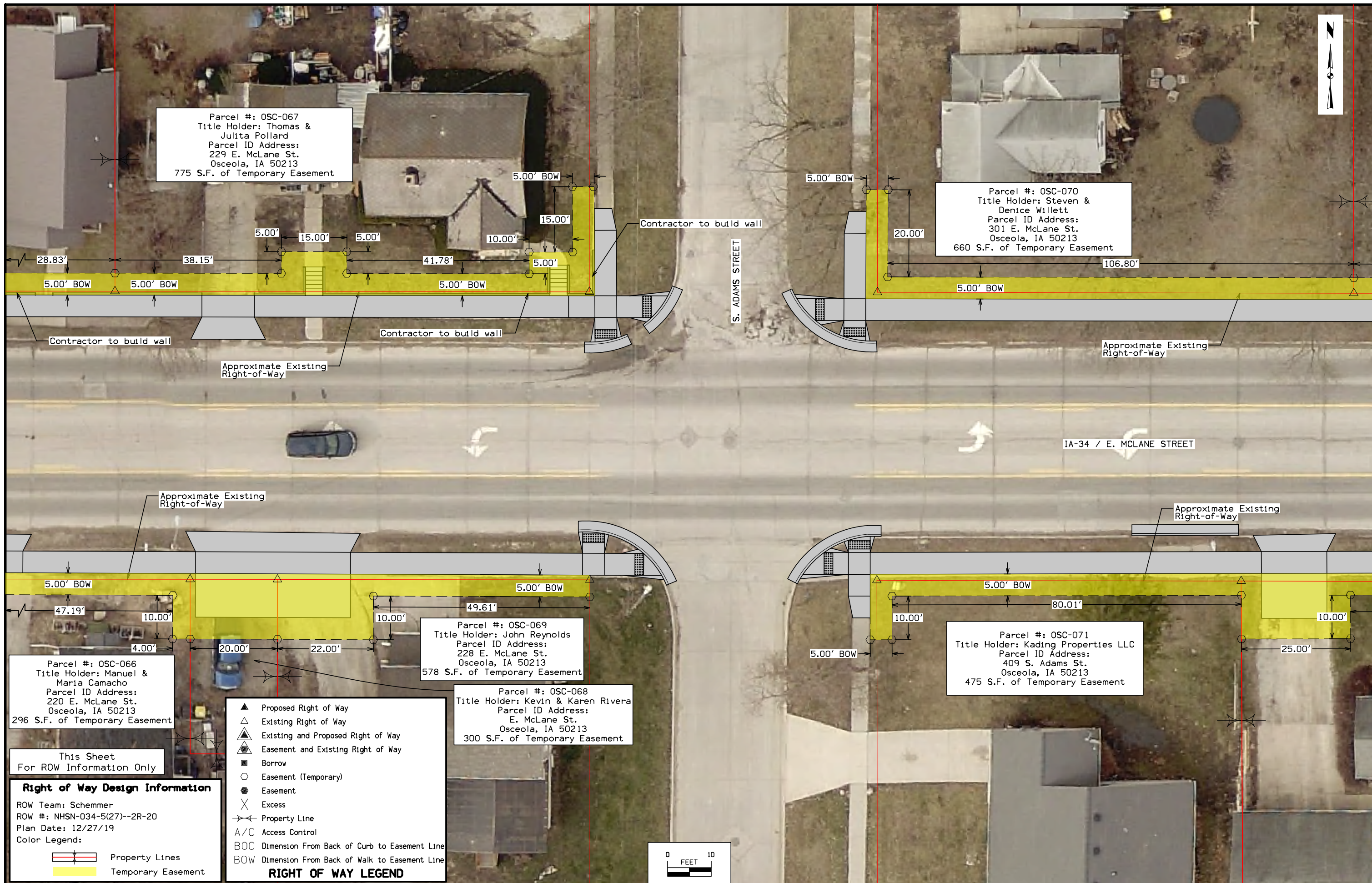
Parcel #: OSC-061
 Title Holder: Junction Creamery LLC.
 Parcel ID Address:
 212 E. McLane St.
 Osceola, IA 50213
 896 S.F. of Temporary Easement

This Sheet
 For ROW Information Only

Right of Way Design Information
 ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:
 Property Lines
 Temporary Easement

- RIGHT OF WAY LEGEND**
- ▲ Proposed Right of Way
 - △ Existing Right of Way
 - ▲△ Existing and Proposed Right of Way
 - ⊙ Easement and Existing Right of Way
 - Borrow
 - Easement (Temporary)
 - ⊙ Easement
 - ✕ Excess
 - ↔ Property Line
 - A/C Access Control
 - BOC Dimension From Back of Curb to Easement Line
 - BOW Dimension From Back of Walk to Easement Line





Parcel #: OSC-067
 Title Holder: Thomas & Julita Pollard
 Parcel ID Address: 229 E. McLane St. Osceola, IA 50213
 775 S.F. of Temporary Easement

Parcel #: OSC-070
 Title Holder: Steven & Denice Willett
 Parcel ID Address: 301 E. McLane St. Osceola, IA 50213
 660 S.F. of Temporary Easement

Parcel #: OSC-069
 Title Holder: John Reynolds
 Parcel ID Address: 228 E. McLane St. Osceola, IA 50213
 578 S.F. of Temporary Easement

Parcel #: OSC-068
 Title Holder: Kevin & Karen Rivera
 Parcel ID Address: E. McLane St. Osceola, IA 50213
 300 S.F. of Temporary Easement

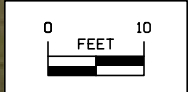
Parcel #: OSC-071
 Title Holder: Kading Properties LLC
 Parcel ID Address: 409 S. Adams St. Osceola, IA 50213
 475 S.F. of Temporary Easement

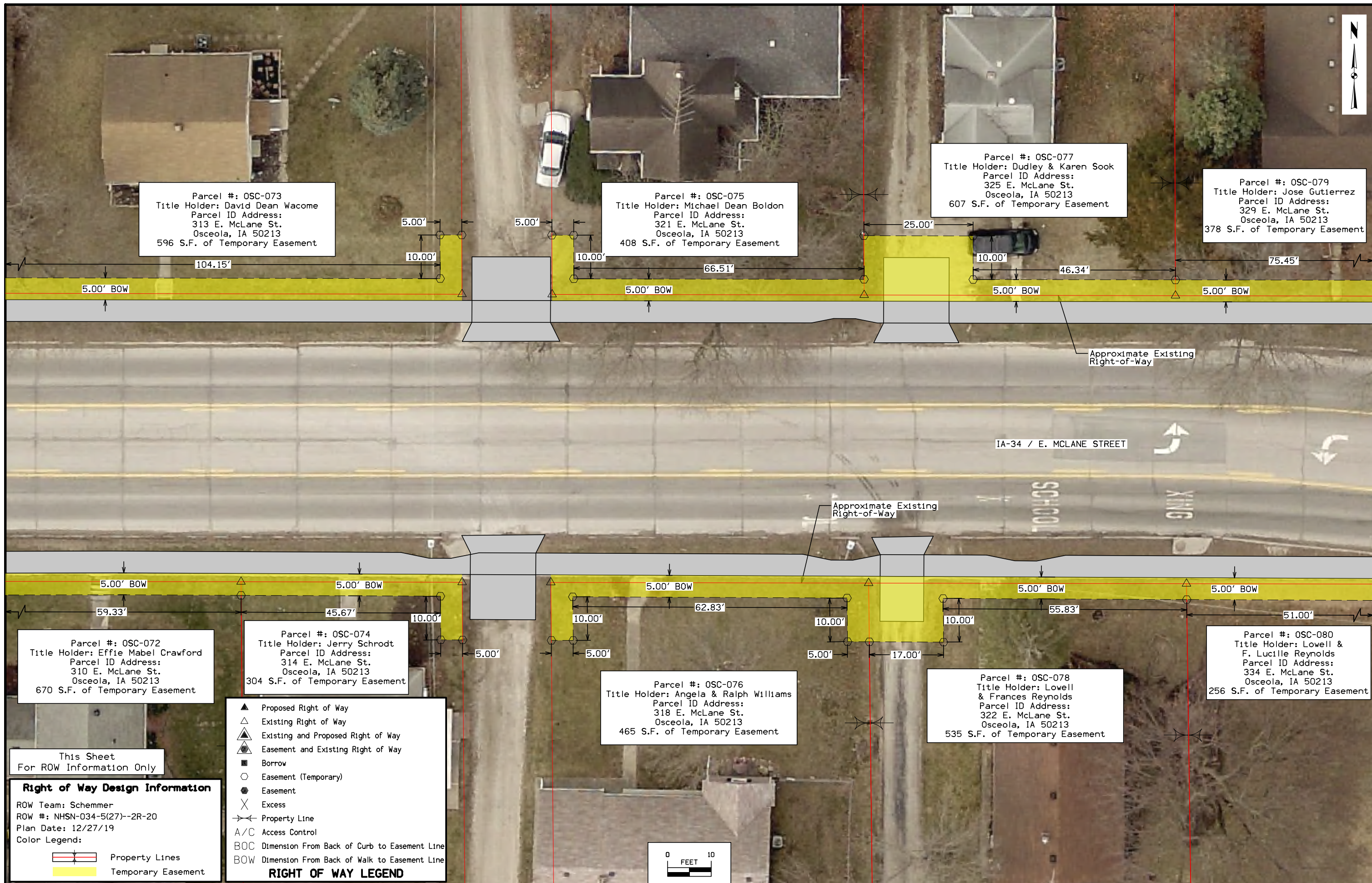
Parcel #: OSC-066
 Title Holder: Manuel & Maria Camacho
 Parcel ID Address: 220 E. McLane St. Osceola, IA 50213
 296 S.F. of Temporary Easement

This Sheet
 For ROW Information Only

Right of Way Design Information
 ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:
 Property Lines
 Temporary Easement

RIGHT OF WAY LEGEND
 ▲ Proposed Right of Way
 △ Existing Right of Way
 ▲ Existing and Proposed Right of Way
 ⊕ Easement and Existing Right of Way
 ■ Borrow
 ○ Easement (Temporary)
 ⊙ Easement
 X Excess
 — Property Line
 A/C Access Control
 BOC Dimension From Back of Curb to Easement Line
 BOW Dimension From Back of Walk to Easement Line





Parcel #: OSC-073
 Title Holder: David Dean Wacome
 Parcel ID Address:
 313 E. McLane St.
 Osceola, IA 50213
 596 S.F. of Temporary Easement

Parcel #: OSC-075
 Title Holder: Michael Dean Boldon
 Parcel ID Address:
 321 E. McLane St.
 Osceola, IA 50213
 408 S.F. of Temporary Easement

Parcel #: OSC-077
 Title Holder: Dudley & Karen Sook
 Parcel ID Address:
 325 E. McLane St.
 Osceola, IA 50213
 607 S.F. of Temporary Easement

Parcel #: OSC-079
 Title Holder: Jose Gutierrez
 Parcel ID Address:
 329 E. McLane St.
 Osceola, IA 50213
 378 S.F. of Temporary Easement

Parcel #: OSC-072
 Title Holder: Effie Mabel Crawford
 Parcel ID Address:
 310 E. McLane St.
 Osceola, IA 50213
 670 S.F. of Temporary Easement

Parcel #: OSC-074
 Title Holder: Jerry Schrodt
 Parcel ID Address:
 314 E. McLane St.
 Osceola, IA 50213
 304 S.F. of Temporary Easement

Parcel #: OSC-076
 Title Holder: Angela & Ralph Williams
 Parcel ID Address:
 318 E. McLane St.
 Osceola, IA 50213
 465 S.F. of Temporary Easement

Parcel #: OSC-078
 Title Holder: Lowell & Frances Reynolds
 Parcel ID Address:
 322 E. McLane St.
 Osceola, IA 50213
 535 S.F. of Temporary Easement

Parcel #: OSC-080
 Title Holder: Lowell & F. Lucille Reynolds
 Parcel ID Address:
 334 E. McLane St.
 Osceola, IA 50213
 256 S.F. of Temporary Easement

- RIGHT OF WAY LEGEND**
- ▲ Proposed Right of Way
 - △ Existing Right of Way
 - ▲△ Existing and Proposed Right of Way
 - ⊕ Easement and Existing Right of Way
 - Borrow
 - Easement (Temporary)
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 - ⊗ Excess
 - Property Line
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 - BOC Dimension From Back of Curb to Easement Line
 - BOW Dimension From Back of Walk to Easement Line

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Right of Way Design Information

ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:

- Property Lines
- Temporary Easement



Parcel #: OSC-081
 Title Holder: Enedina Torres
 Parcel ID Address:
 403 E. McLane St.
 Osceola, IA 50213
 235 S.F. of Temporary Easement

Parcel #: OSC-083
 Title Holder: Crossroads Behavioral
 Health Services
 Parcel ID Address:
 E. McLane St.
 Osceola, IA 50213
 307 S.F. of Temporary Easement

Parcel #: OSC-085
 Title Holder: Crossroads Behavioral
 Health Services
 Parcel ID Address:
 405 E. McLane St.
 Osceola, IA 50213
 451 S.F. of Temporary Easement

Parcel #: OSC-082
 Title Holder: Reorganized Church
 Latter Day
 Parcel ID Address:
 402 E. McLane St.
 Osceola, IA 50213
 500 S.F. of Temporary Easement

Parcel #: OSC-084
 Title Holder: Reorganized Church
 Latter Day
 Parcel ID Address:
 414 E. McLane St.
 Osceola, IA 50213
 568 S.F. of Temporary Easement

Parcel #: OSC-086
 Title Holder: Austin Cotner
 Parcel ID Address:
 416 E. McLane St.
 Osceola, IA 50213
 618 S.F. of Temporary Easement

S. KOSSUTH STREET

SCHOOL

IA-34 / E. MCLANE STREET

75.45'
 5.00' BOW

17.00' BOW 48.64' 59.51' 90.01' 103.26'
 5.00' BOW 5.00' BOW 5.00' BOW 5.00' BOW

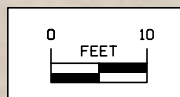
5.00' BOW
 30.00' BOC
 51.00'

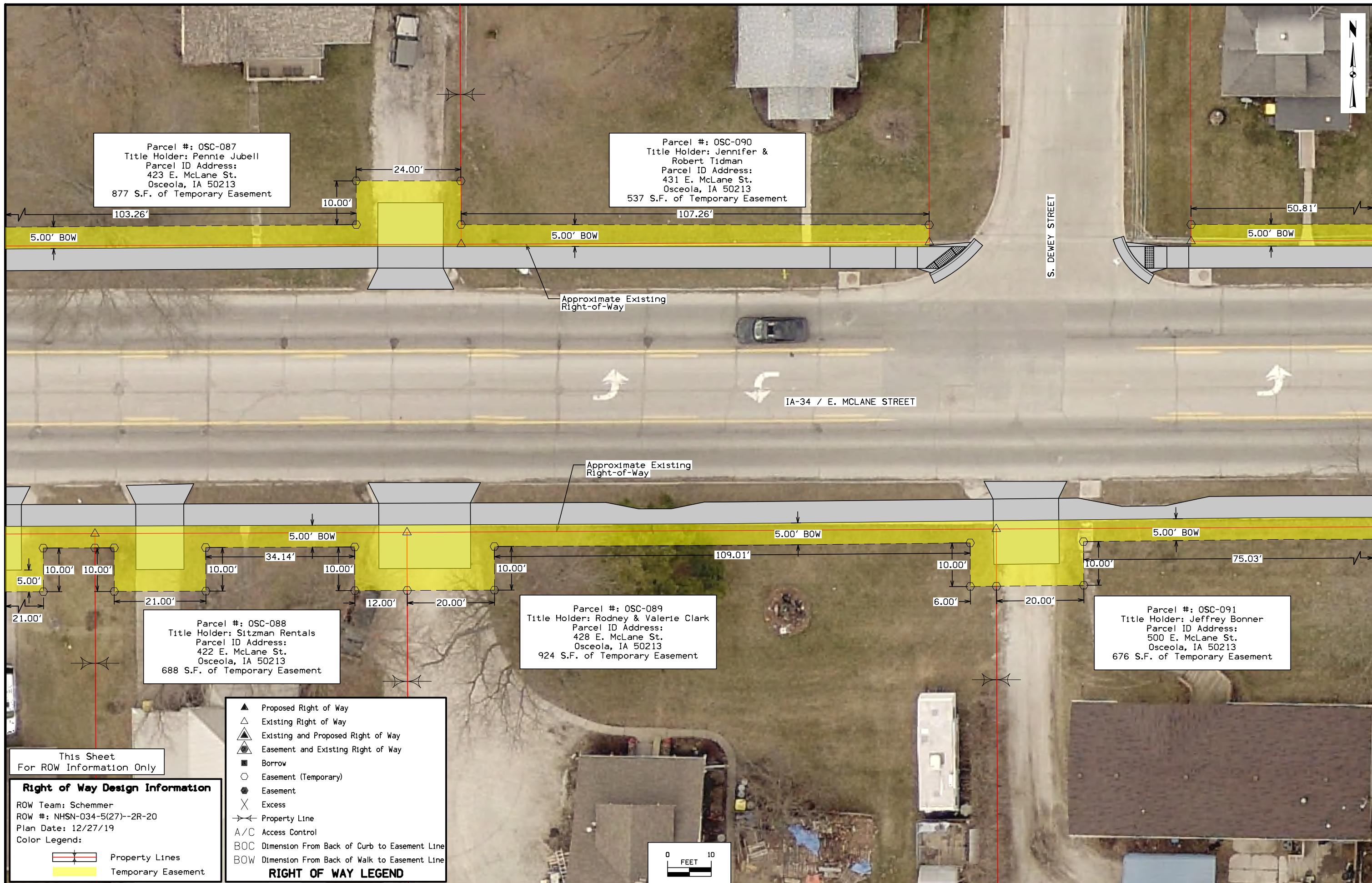
22.00' BOC 100.00' 50.51' 10.00' 5.00' 10.00' 33.66' 10.00' 10.00' 5.00' 21.00' 5.00' 21.00'

This Sheet
 For ROW Information Only

Right of Way Design Information
 ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:
 Property Lines
 Temporary Easement

RIGHT OF WAY LEGEND
 Proposed Right of Way
 Existing Right of Way
 Existing and Proposed Right of Way
 Easement and Existing Right of Way
 Borrow
 Easement (Temporary)
 Easement
 Excess
 Property Line
 A/C Access Control
 BOC Dimension From Back of Curb to Easement Line
 BOW Dimension From Back of Walk to Easement Line





Parcel #: OSC-087
 Title Holder: Pennie Jubell
 Parcel ID Address:
 423 E. McLane St.
 Osceola, IA 50213
 877 S.F. of Temporary Easement

Parcel #: OSC-090
 Title Holder: Jennifer &
 Robert Tidman
 Parcel ID Address:
 431 E. McLane St.
 Osceola, IA 50213
 537 S.F. of Temporary Easement

Parcel #: OSC-088
 Title Holder: Sitzman Rentals
 Parcel ID Address:
 422 E. McLane St.
 Osceola, IA 50213
 688 S.F. of Temporary Easement

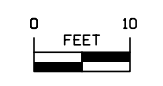
Parcel #: OSC-089
 Title Holder: Rodney & Valerie Clark
 Parcel ID Address:
 428 E. McLane St.
 Osceola, IA 50213
 924 S.F. of Temporary Easement

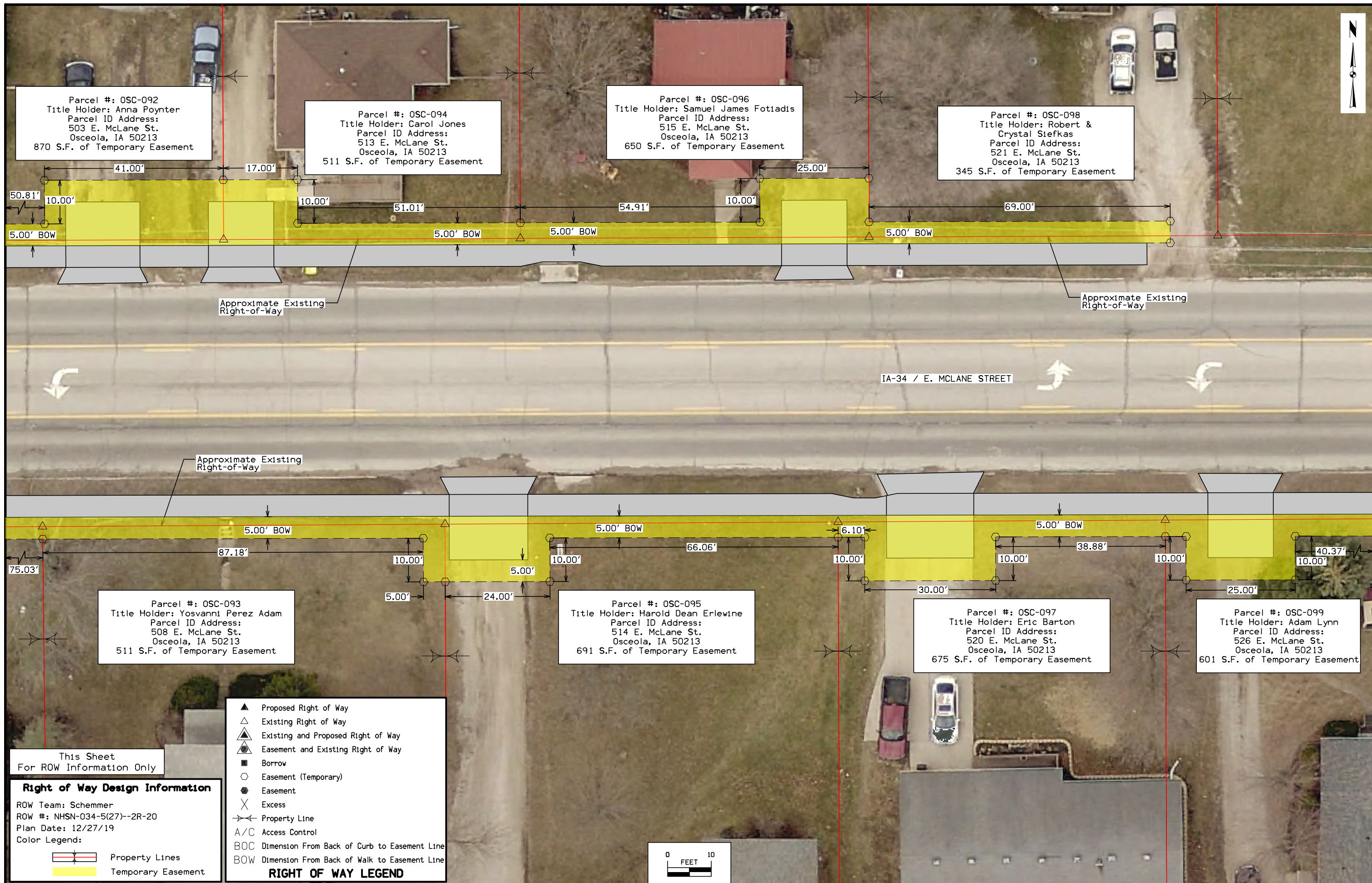
Parcel #: OSC-091
 Title Holder: Jeffrey Bonner
 Parcel ID Address:
 500 E. McLane St.
 Osceola, IA 50213
 676 S.F. of Temporary Easement

This Sheet
 For ROW Information Only

Right of Way Design Information
 ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:
 [Red Line] Property Lines
 [Yellow Area] Temporary Easement

RIGHT OF WAY LEGEND
 ▲ Proposed Right of Way
 △ Existing Right of Way
 ▲ Existing and Proposed Right of Way
 ⊕ Easement and Existing Right of Way
 ■ Borrow
 ○ Easement (Temporary)
 ⊙ Easement
 X Excess
 --- Property Line
 A/C Access Control
 BOC Dimension From Back of Curb to Easement Line
 BOW Dimension From Back of Walk to Easement Line





Parcel #: OSC-092
 Title Holder: Anna Poynter
 Parcel ID Address:
 503 E. McLane St.
 Osceola, IA 50213
 870 S.F. of Temporary Easement

Parcel #: OSC-094
 Title Holder: Carol Jones
 Parcel ID Address:
 513 E. McLane St.
 Osceola, IA 50213
 511 S.F. of Temporary Easement

Parcel #: OSC-096
 Title Holder: Samuel James Fotiadis
 Parcel ID Address:
 515 E. McLane St.
 Osceola, IA 50213
 650 S.F. of Temporary Easement

Parcel #: OSC-098
 Title Holder: Robert &
 Crystal Siefkas
 Parcel ID Address:
 521 E. McLane St.
 Osceola, IA 50213
 345 S.F. of Temporary Easement

Parcel #: OSC-093
 Title Holder: Yosvanni Perez Adam
 Parcel ID Address:
 508 E. McLane St.
 Osceola, IA 50213
 511 S.F. of Temporary Easement

Parcel #: OSC-095
 Title Holder: Harold Dean Erlewine
 Parcel ID Address:
 514 E. McLane St.
 Osceola, IA 50213
 691 S.F. of Temporary Easement

Parcel #: OSC-097
 Title Holder: Eric Barton
 Parcel ID Address:
 520 E. McLane St.
 Osceola, IA 50213
 675 S.F. of Temporary Easement

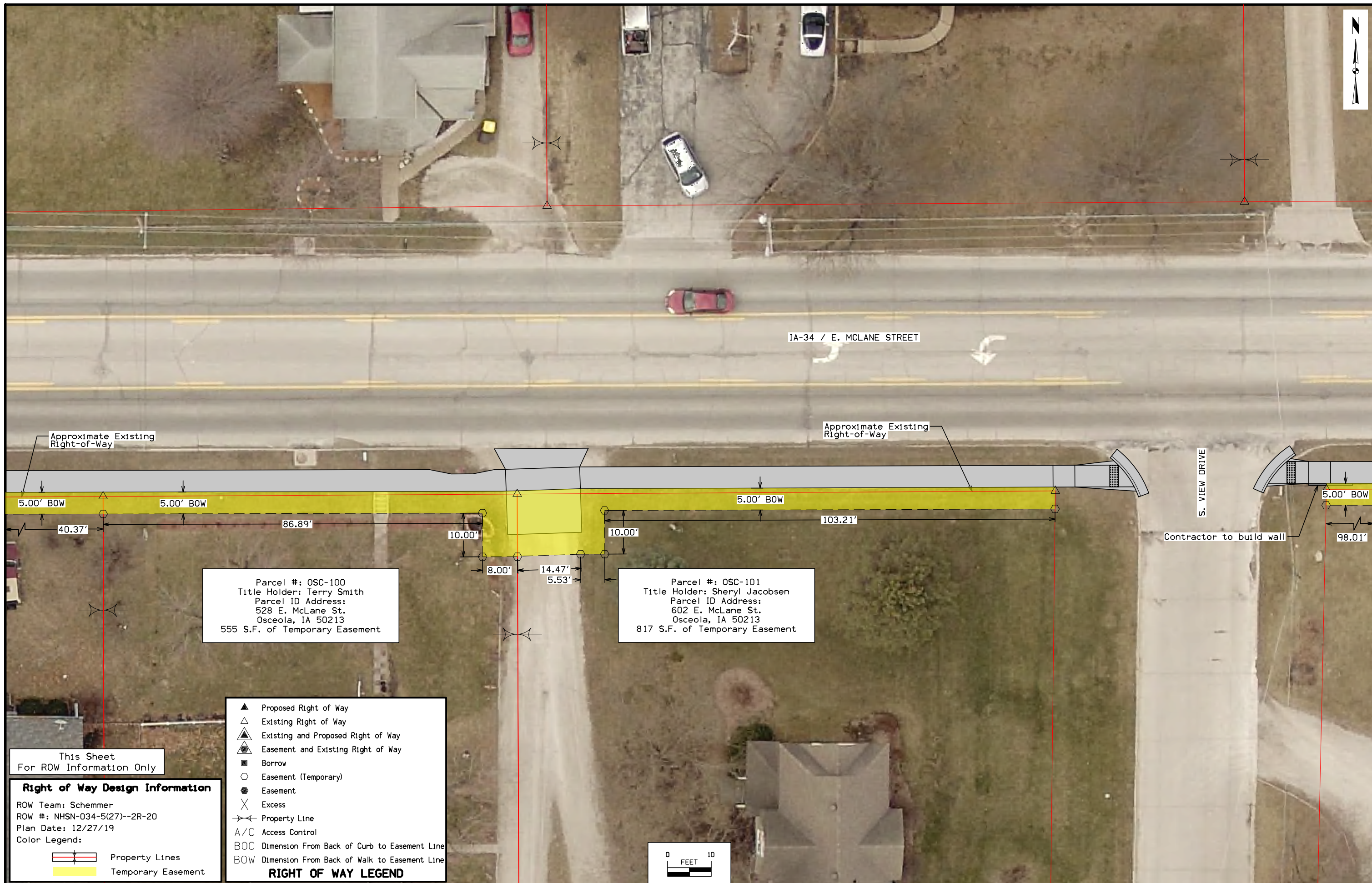
Parcel #: OSC-099
 Title Holder: Adam Lynn
 Parcel ID Address:
 526 E. McLane St.
 Osceola, IA 50213
 601 S.F. of Temporary Easement

This Sheet
 For ROW Information Only

Right of Way Design Information
 ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:
 Property Lines
 Temporary Easement

RIGHT OF WAY LEGEND
 ▲ Proposed Right of Way
 △ Existing Right of Way
 ▲ Existing and Proposed Right of Way
 ⊕ Easement and Existing Right of Way
 ■ Borrow
 ○ Easement (Temporary)
 ⊙ Easement
 X Excess
 Property Line
 A/C Access Control
 BOC Dimension From Back of Curb to Easement Line
 BOW Dimension From Back of Walk to Easement Line





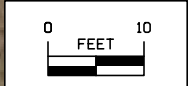
Parcel #: OSC-100
 Title Holder: Terry Smith
 Parcel ID Address:
 528 E. McLane St.
 Osceola, IA 50213
 555 S.F. of Temporary Easement

Parcel #: OSC-101
 Title Holder: Sheryl Jacobsen
 Parcel ID Address:
 602 E. McLane St.
 Osceola, IA 50213
 817 S.F. of Temporary Easement

This Sheet
 For ROW Information Only

Right of Way Design Information
 ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:
 [Red Line] Property Lines
 [Yellow Area] Temporary Easement

- RIGHT OF WAY LEGEND**
- ▲ Proposed Right of Way
 - △ Existing Right of Way
 - ▲△ Existing and Proposed Right of Way
 - ⊕ Easement and Existing Right of Way
 - Borrow
 - Easement (Temporary)
 - ⊙ Easement
 - ✕ Excess
 - ↔ Property Line
 - A/C Access Control
 - BOC Dimension From Back of Curb to Easement Line
 - BOW Dimension From Back of Walk to Easement Line





IA-34 / E. MCLANE STREET

Approximate Existing Right-of-Way

5.00' BOW

5.00' BOW

5.00' BOW

5.00' Temporary Easement

98.01'

46.76'



25.00'










Parcel #: OSC-102
 Title Holder: Mary German
 Parcel ID Address:
 614 E. McLane St.
 Osceola, IA 50213
 490 S.F. of Temporary Easement

Parcel #: OSC-103
 Title Holder: Humberto &
 Maria Antonia Perez
 Parcel ID Address:
 620 E. McLane St.
 Osceola, IA 50213
 234 S.F. of Temporary Easement

Parcel #: OSC-104
 Title Holder: Humberto &
 Maria Antonia Perez
 Parcel ID Address:
 E. McLane St.
 Osceola, IA 50213
 125 S.F. of Temporary Easement

This Sheet
 For ROW Information Only

Right of Way Design Information
 ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:
 Property Lines
 Temporary Easement

RIGHT OF WAY LEGEND
 Proposed Right of Way
 Existing Right of Way
 Existing and Proposed Right of Way
 Easement and Existing Right of Way
 Borrow
 Easement (Temporary)
 Easement
 Excess
 Property Line
 A/C Access Control
 BOC Dimension From Back of Curb to Easement Line
 BOW Dimension From Back of Walk to Easement Line





Parcel #: OSC-046
 Title Holder: Casey's Marketing Company
 Parcel ID Address:
 100 W. McLane St.
 Osceola, IA 50213
 1,170 S.F. of Temporary Easement

Approximate Existing Right-of-Way

IA-69 / S. MAIN STREET

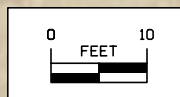
Approximate Existing Right-of-Way

▲	Proposed Right of Way
△	Existing Right of Way
▲△	Existing and Proposed Right of Way
▲△	Easement and Existing Right of Way
■	Borrow
○	Easement (Temporary)
⊗	Easement
X	Excess
—	Property Line
A/C	Access Control
BOC	Dimension From Back of Curb to Easement Line
BOW	Dimension From Back of Walk to Easement Line

RIGHT OF WAY LEGEND

This Sheet
For ROW Information Only

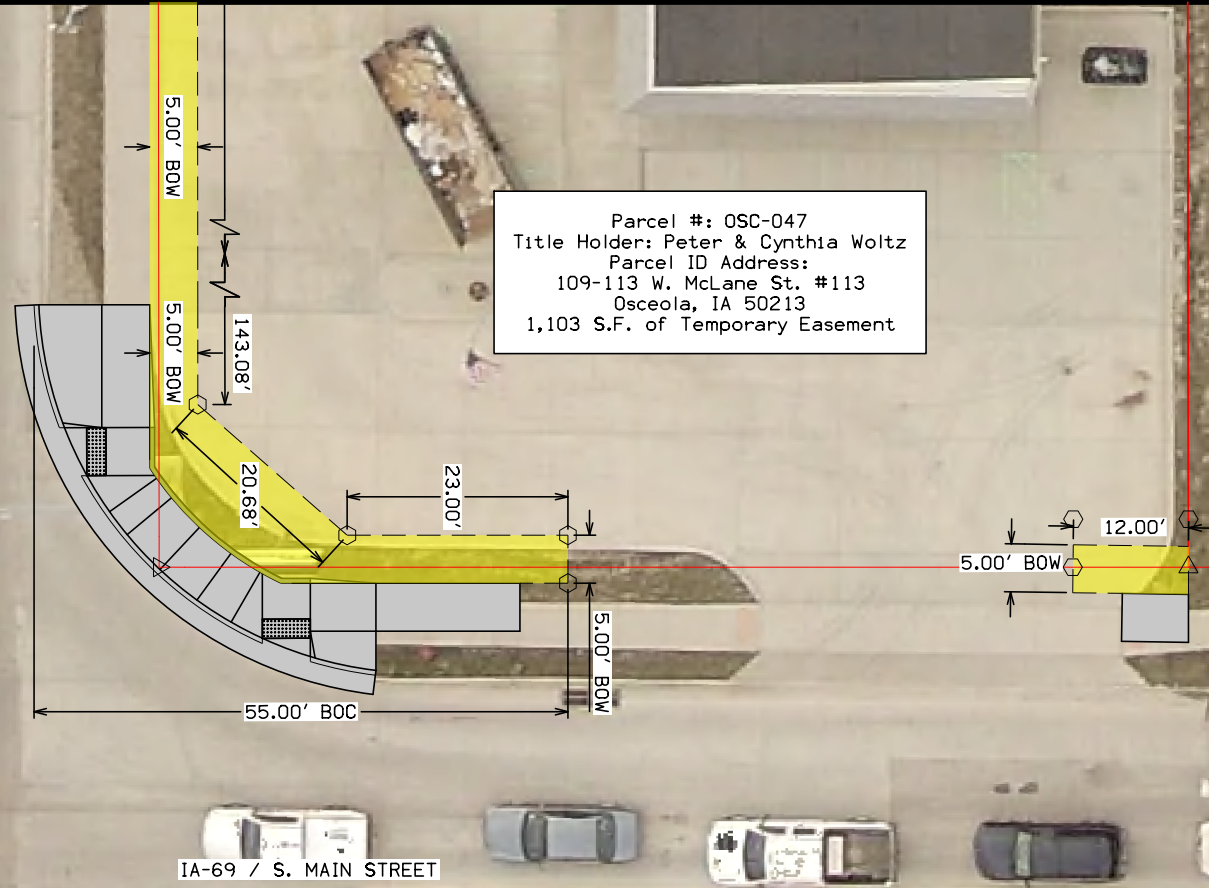
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 ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:
 Property Lines
 Temporary Easement



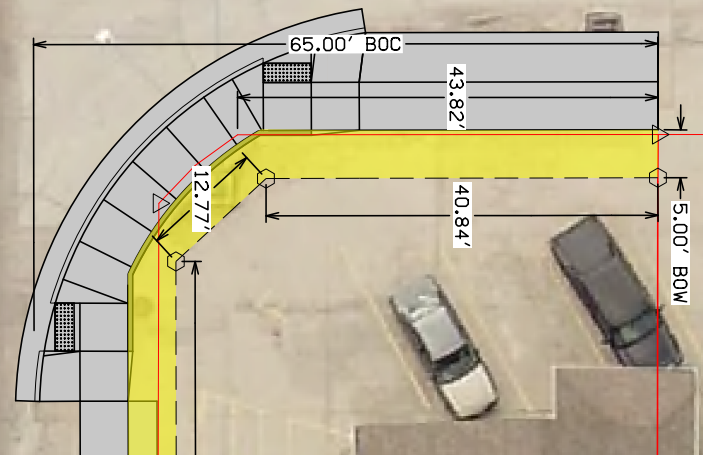


Parcel #: OSC-047
 Title Holder: Peter & Cynthia Woltz
 Parcel ID Address:
 109-113 W. McLane St. #113
 Osceola, IA 50213
 1,103 S.F. of Temporary Easement

IA-34 / E. MCLANE STREET



IA-69 / S. MAIN STREET

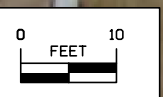


This Sheet
 For ROW Information Only

Right of Way Design Information
 ROW Team: Schemmer
 ROW #: NHSN-034-5(27)--2R-20
 Plan Date: 12/27/19
 Color Legend:
 Property Lines
 Temporary Easement

RIGHT OF WAY LEGEND

- ▲ Proposed Right of Way
- △ Existing Right of Way
- ▲△ Existing and Proposed Right of Way
- ⊕ Easement and Existing Right of Way
- Borrow
- Easement (Temporary)
- Easement
- X Excess
- Property Line
- A/C Access Control
- BOC Dimension From Back of Curb to Easement Line
- BOW Dimension From Back of Walk to Easement Line



SURVEY SYMBOLS

UTILITY LEGEND

City of Osceola
 Brandon Patterson
 641-342-1435
 osceolawaterworks@windstream.net

Alliant Energy
 Alliant Energy Field Engineer
 800-255-4268
 locate_IPL@alliantenergy.com

Flint Hills Resources, LC
 Michelle Shumaker
 316-828-8591
 onecallict@kochind.com

Iowa Communications Network
 Shannon Marlow
 800-572-3940
 icnoutsideplantiowaonecall@iowa.gov

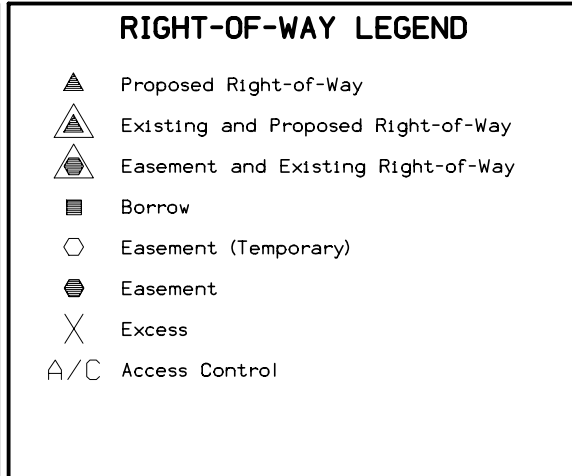
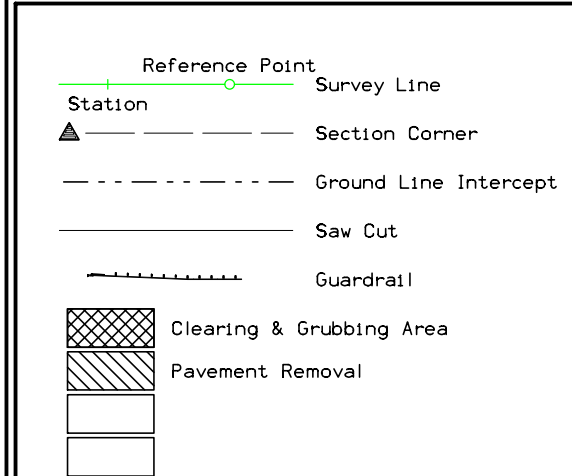
Aureon Network Services
 Jeff Klocko
 515-830-0445
 jeff.klocko@aureon.com

Mediacom Cable
 Shane Shrader
 712-314-1248
 sschrader@mediacomcc.com

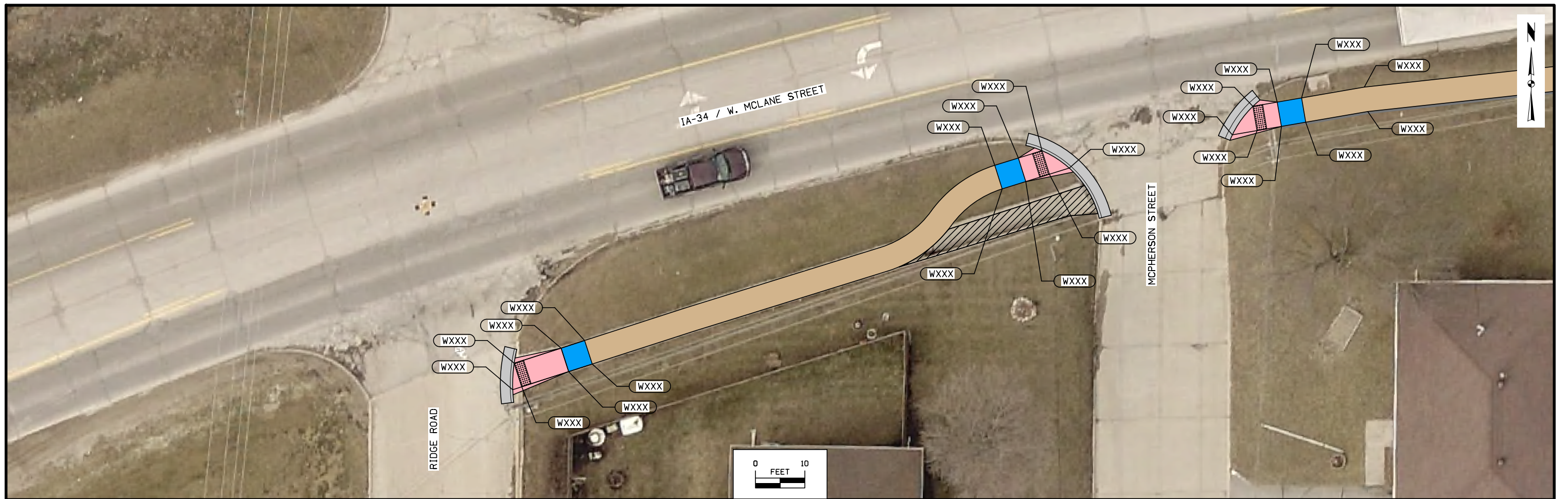
Windstream Communications
 Locate Desk
 800-289-1901
 locate.desk@windstream.com

PLAN VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

LINEWORK		Design Color No.	
Green	(2)		Existing Topographic Features and Labels
Blue	(1)		Proposed Alignment, Stationing, Tic Marks, and Alignment Annotation
Magenta	(5)		Existing Utilities
SHADING		Design Color No.	
Tan	(8)		Proposed Sidewalk Shading
Blue, Light	(230)		Proposed Sidewalk Landing Shading
Pink	(11)		Proposed Sidewalk Ramp Shading
Magenta	(5)		Detectable Warning
Yellow	(4)		Highlight for Critical Notes or Features
Red	(3)		Delineates Restricted Areas
Lavender	(9)		Temporary Pavement Shading
Gray, Light	(48)		Proposed Pavement Shading
Gray, Med	(80)		Proposed Granular Shading
Gray, Dark	(112)		Proposed Grade and Pave Shading
Brown, Light	(236)		Grading Shading



**SIDEWALK
 LEGEND AND SYMBOL
 INFORMATION SHEET**
 (COVERS SHEET SERIES S)



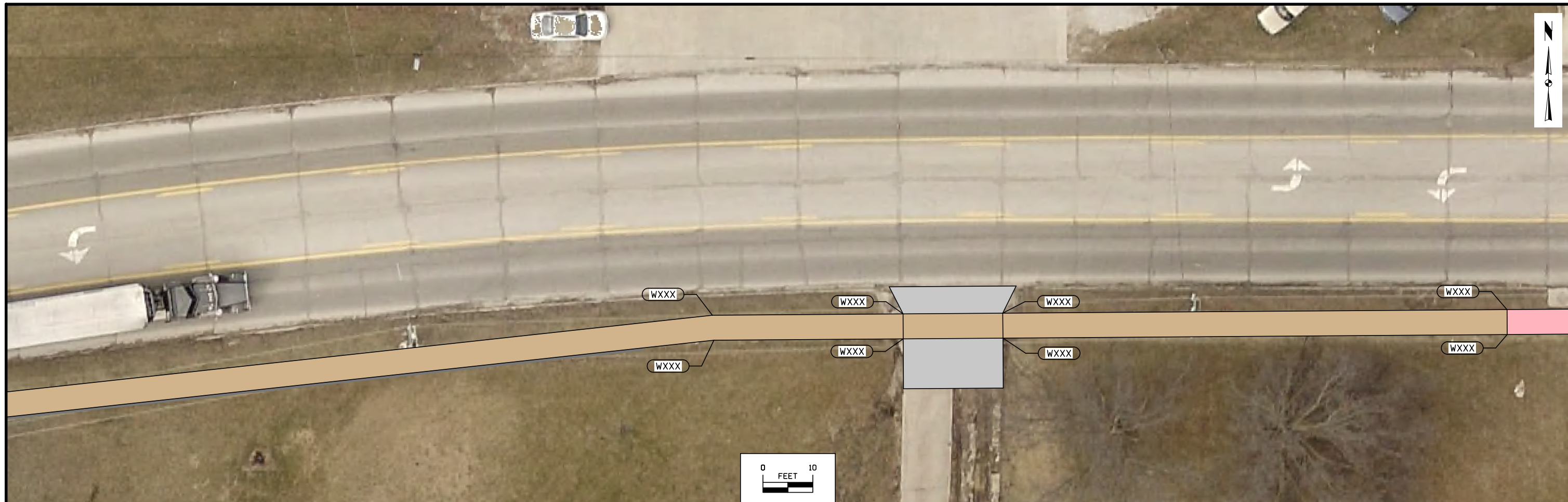
SIDEWALK COMPLIANCE

See S Sheets

113-10
04-18-17

- * Does not include curb
- ① Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES						
											Point	Station	Offset	Elevation			
	Ramp Running Slope	6															
	Landing/Turning Space	4															
	Match Existing Cross Slope	4															



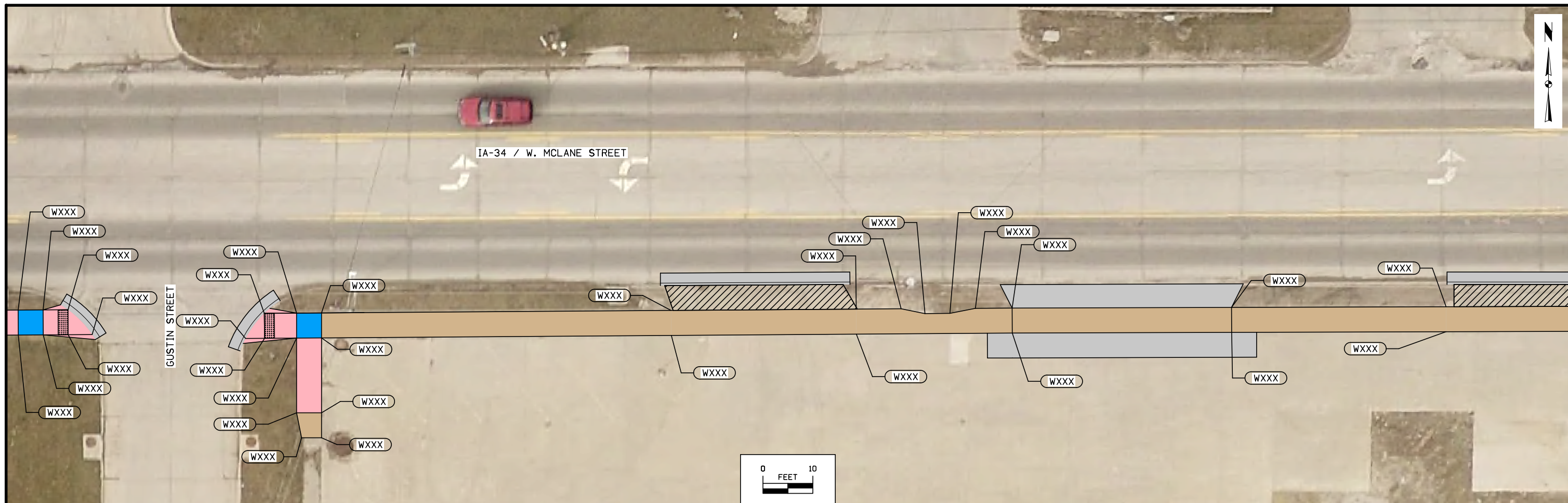
SIDEWALK COMPLIANCE

See 5 Sheets

113-10
04-18-17

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Point to Point	Sidewalk Designation	-" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES					
											Point	Station	Offset	Elevation		
	Ramp Running Slope	6														
	Landing/Turning Space	4														
	Match Existing Cross Slope	4														



SIDEWALK COMPLIANCE

See 5 Sheets

113-10
04-18-17

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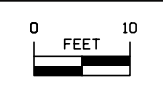
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			FT	FT							%	Pos. or Neg.	%	Point	Station	Offset	Elevation	
	Ramp Running Slope	6																
	Landing/Turning Space	4																
	Match Existing Cross Slope	4																



S. VALE STREET

IA-34 / W. MCLANE STREET

DEARBORN STREET



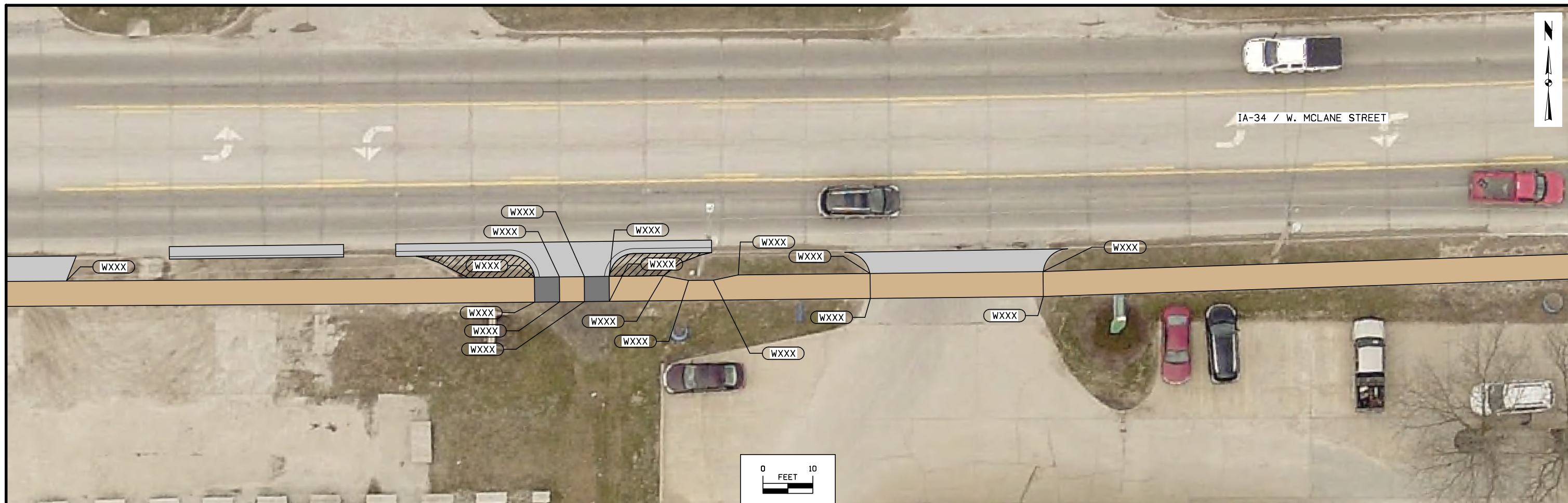
113-10
04-18-17

SIDEWALK COMPLIANCE

See 5 Sheets

- * Does not include curb
- ① Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	6" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES						
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	Landing/Turning Space	4															
	Match Existing Cross Slope	4															



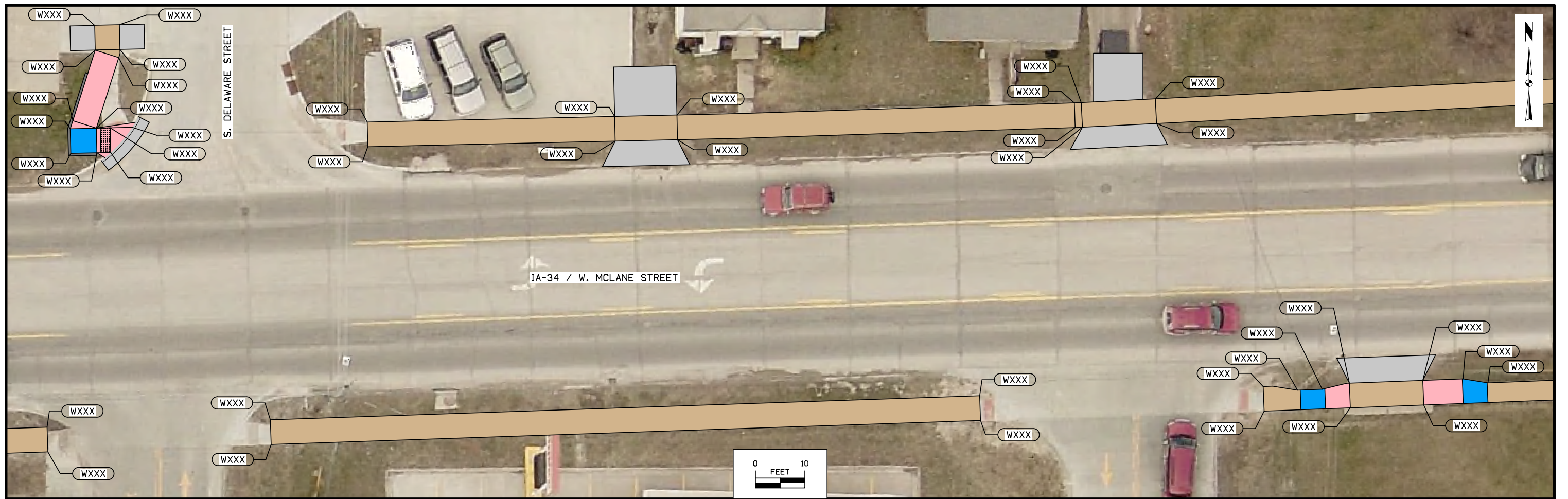
SIDEWALK COMPLIANCE

See 5 Sheets

113-10
04-18-17

- * Does not include curb
- ① Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	'-" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES						
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	Ramp Running Slope	6															
	Landing/Turning Space	4															
	Match Existing Cross Slope	4															



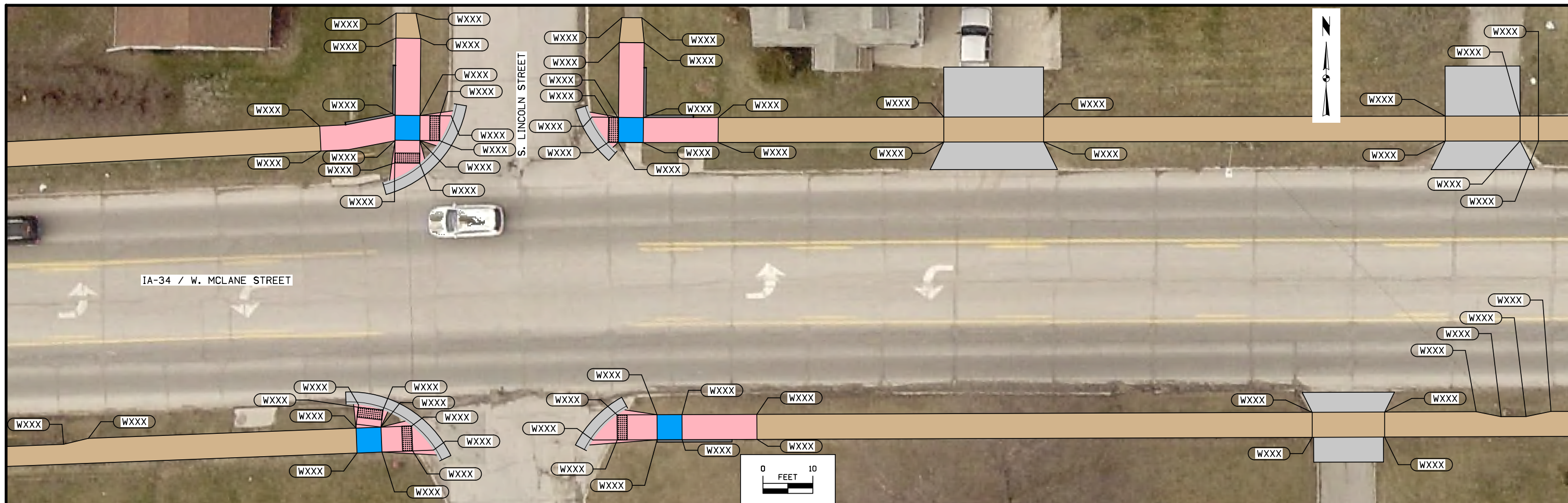
SIDEWALK COMPLIANCE

See 5 Sheets

113-10
04-18-17

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Point to Point	Sidewalk Designation	_" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES					
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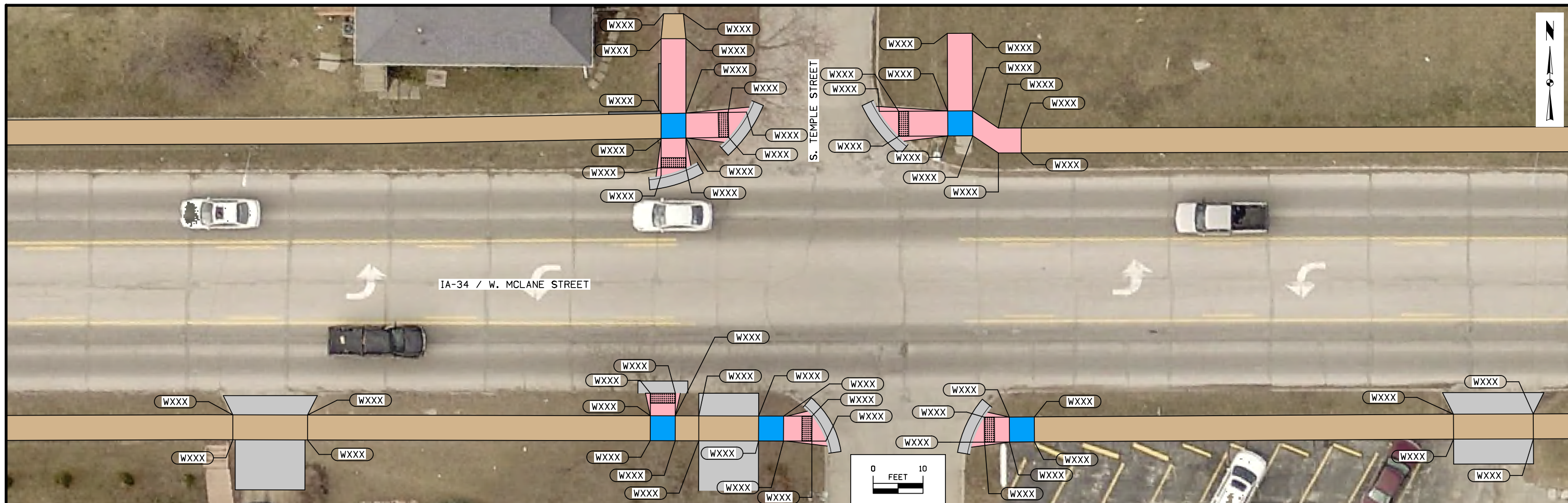
113-10
04-18-17

SIDEWALK COMPLIANCE

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Point to Point	Sidewalk Designation	_" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES						
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	Landing/Turning Space	4															
	Match Existing Cross Slope	4															



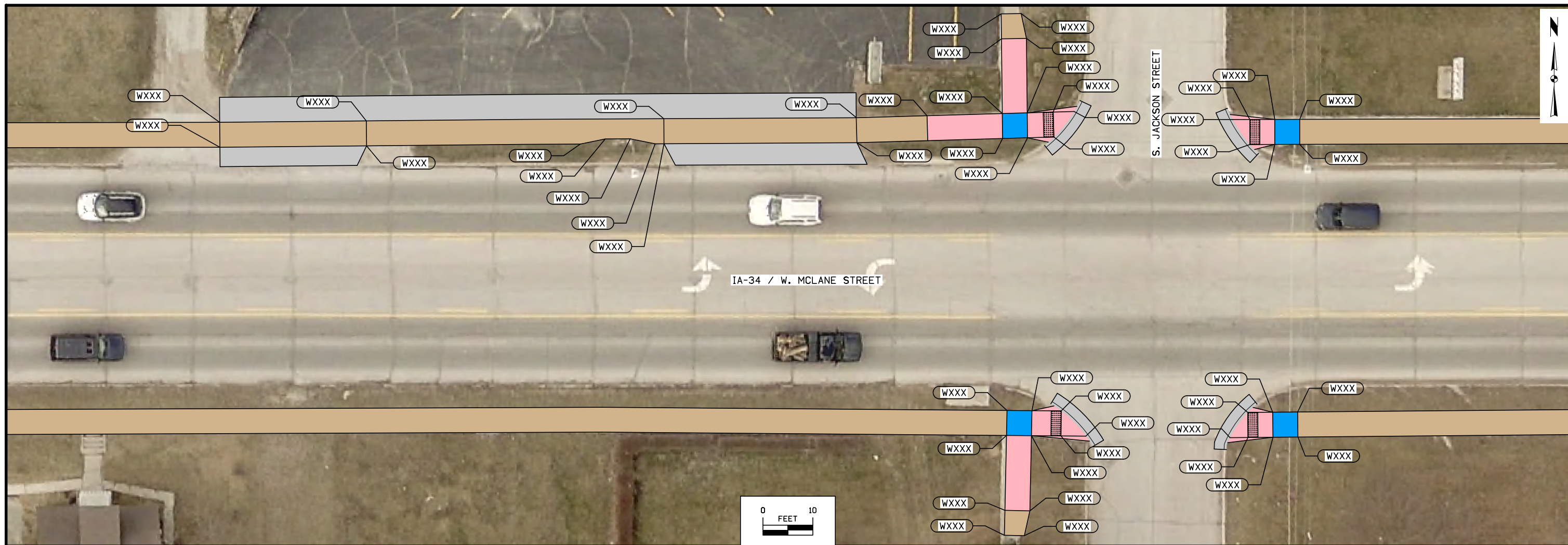
SIDEWALK COMPLIANCE

See 5 Sheets

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04-18-17

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Point to Point	Sidewalk Designation	_ " PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES						
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	Landing/Turning Space	4															
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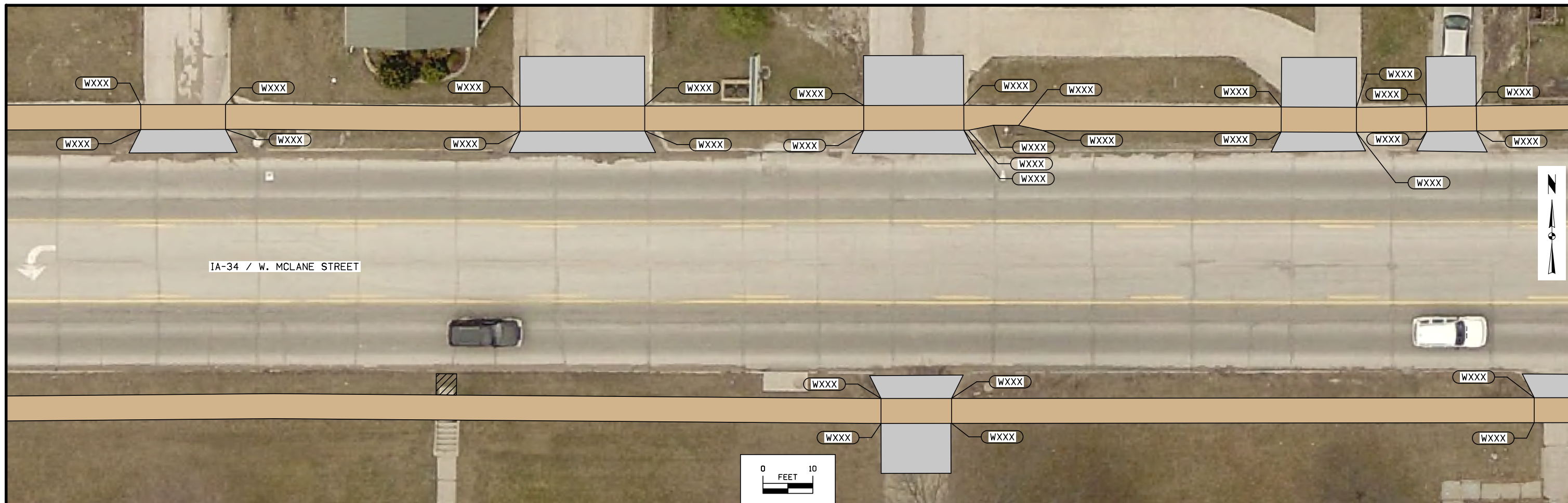
SIDEWALK COMPLIANCE

See S Sheets

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04-18-17

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Point to Point	Sidewalk Designation	_" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES						
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	Landing/Turning Space	4															
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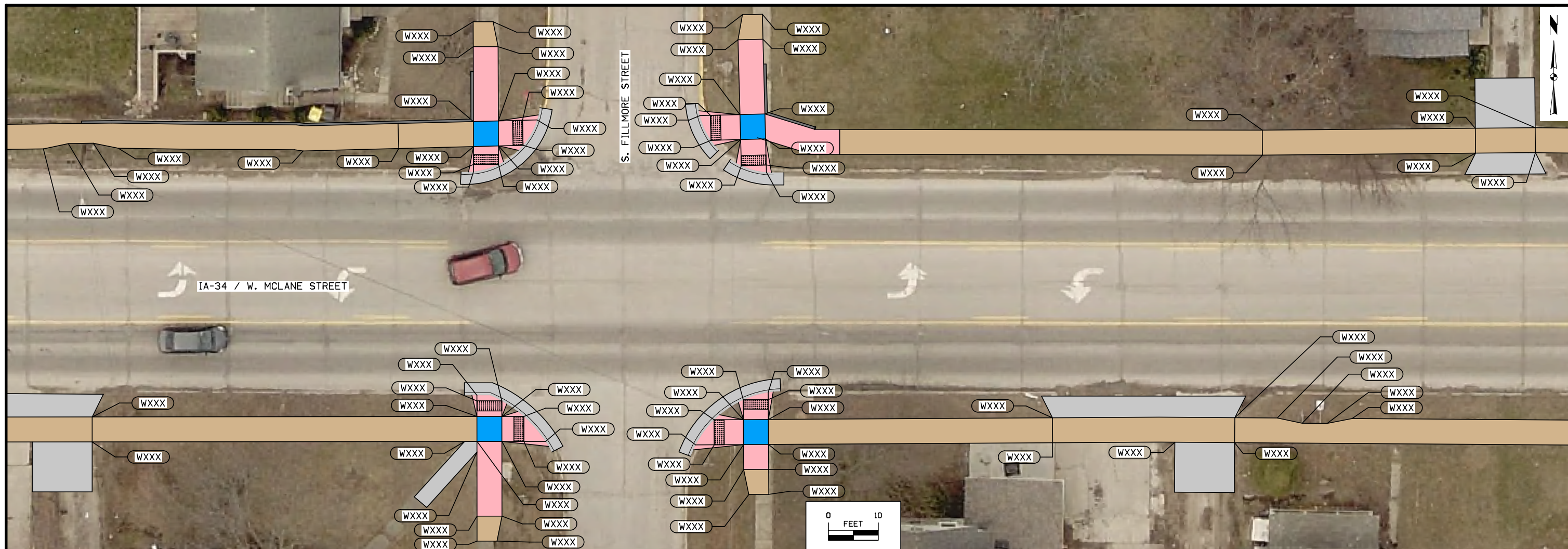
SIDEWALK COMPLIANCE

See 5 Sheets

113-10
04-18-17

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Point to Point	Sidewalk Designation	_ " PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES					
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	Ramp Running Slope	6														
	Landing/Turning Space	4														
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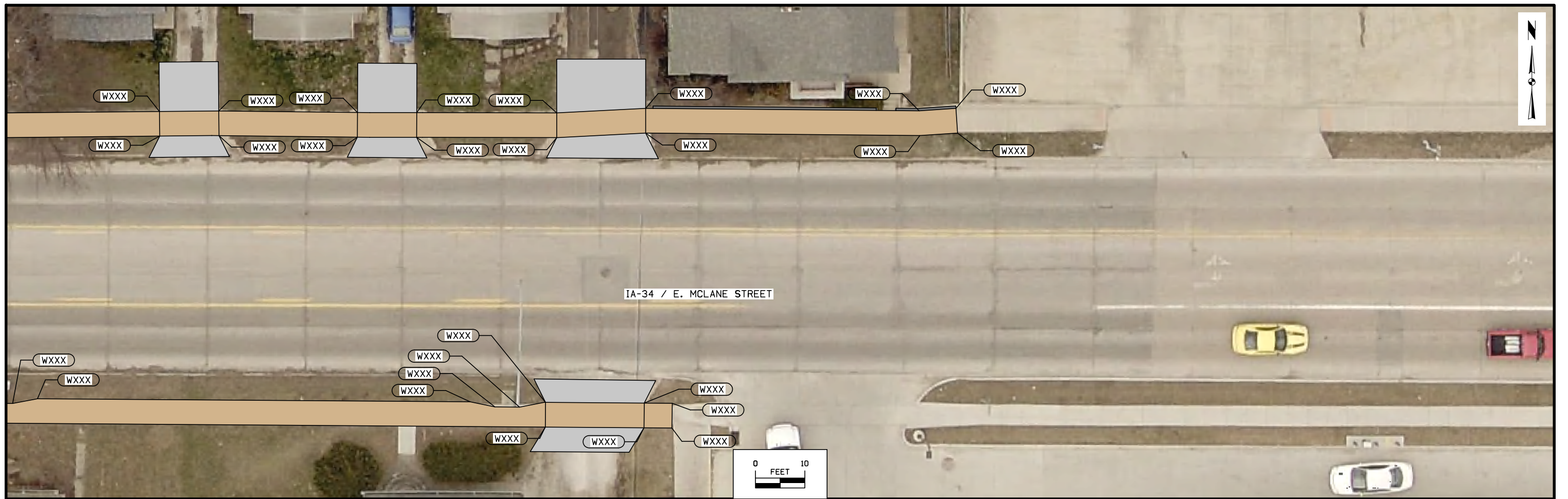
SIDEWALK COMPLIANCE

See 5 Sheets

113-10
04-18-17

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Point to Point	Sidewalk Designation	_ " PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES						
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	Landing/Turning Space	4															
	Match Existing Cross Slope	4															



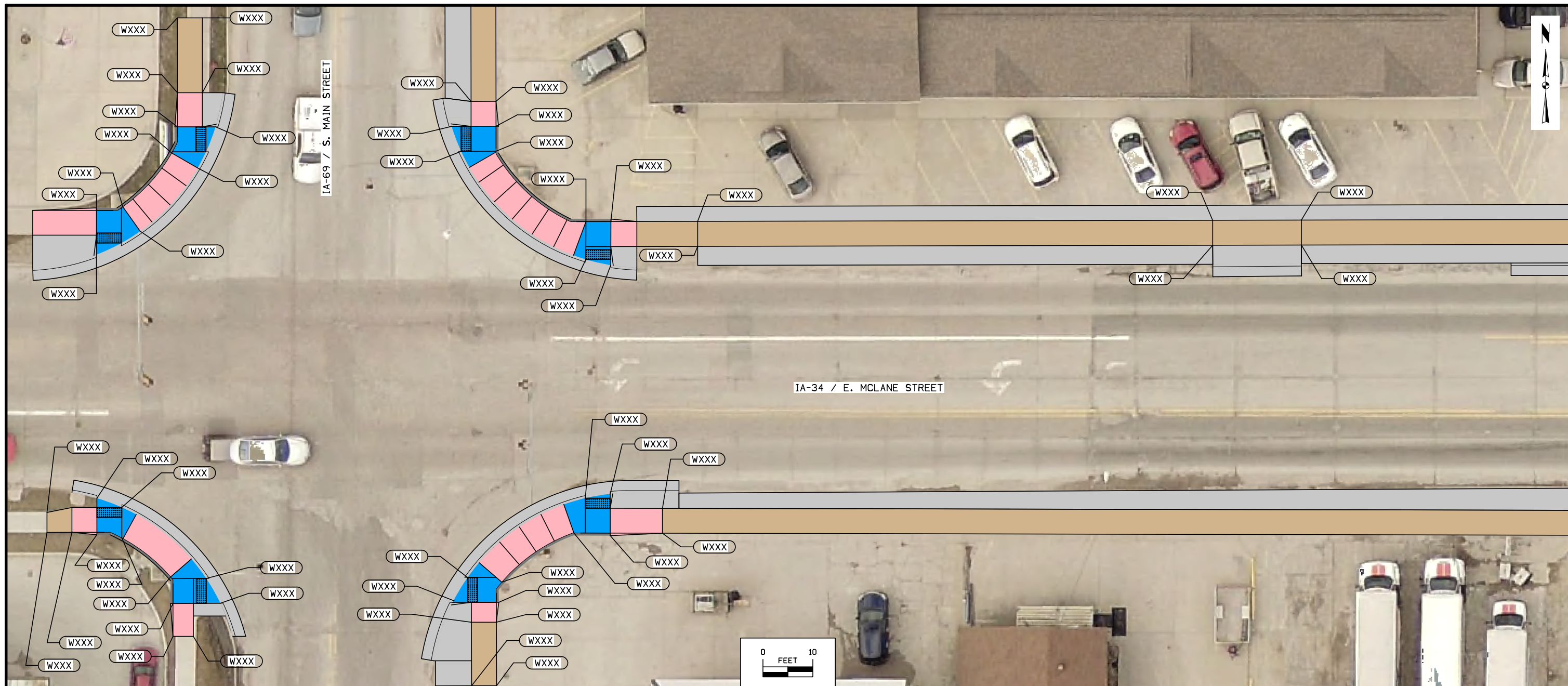
SIDEWALK COMPLIANCE

See 5 Sheets

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04-18-17

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	Match Existing Cross Slope	4															



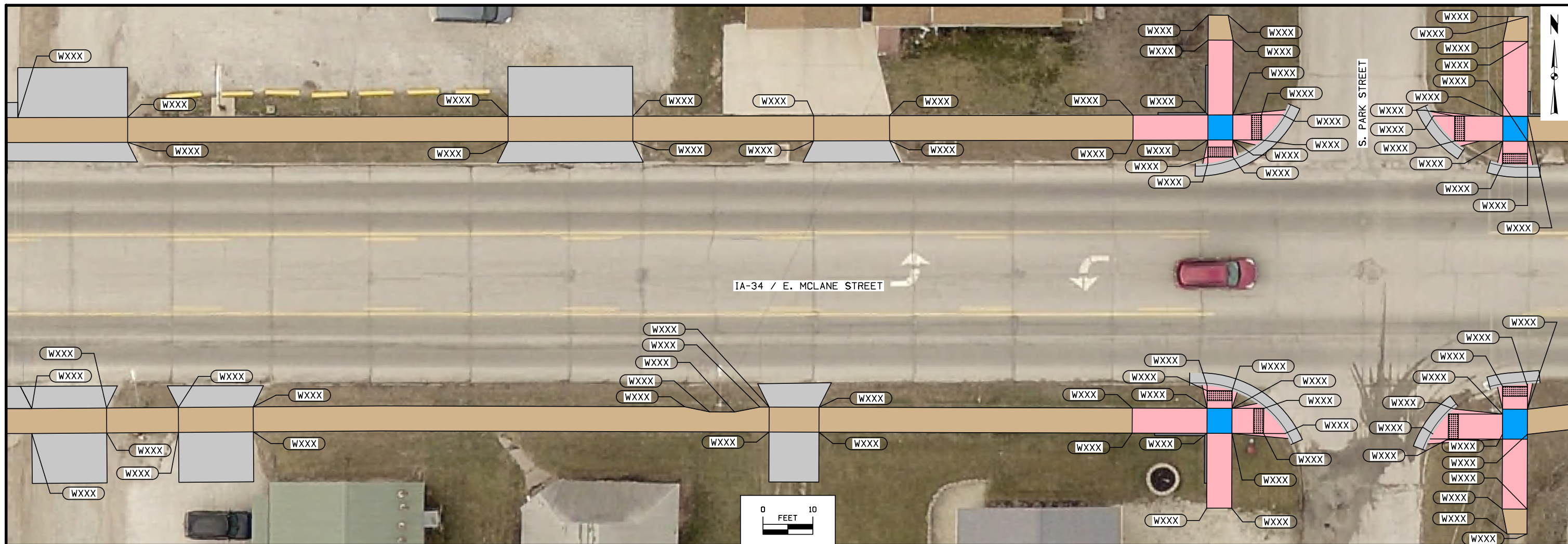
SIDEWALK COMPLIANCE

See S Sheets

113-10
04-18-17

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	Landing/Turning Space	4													
	Match Existing Cross Slope	4													



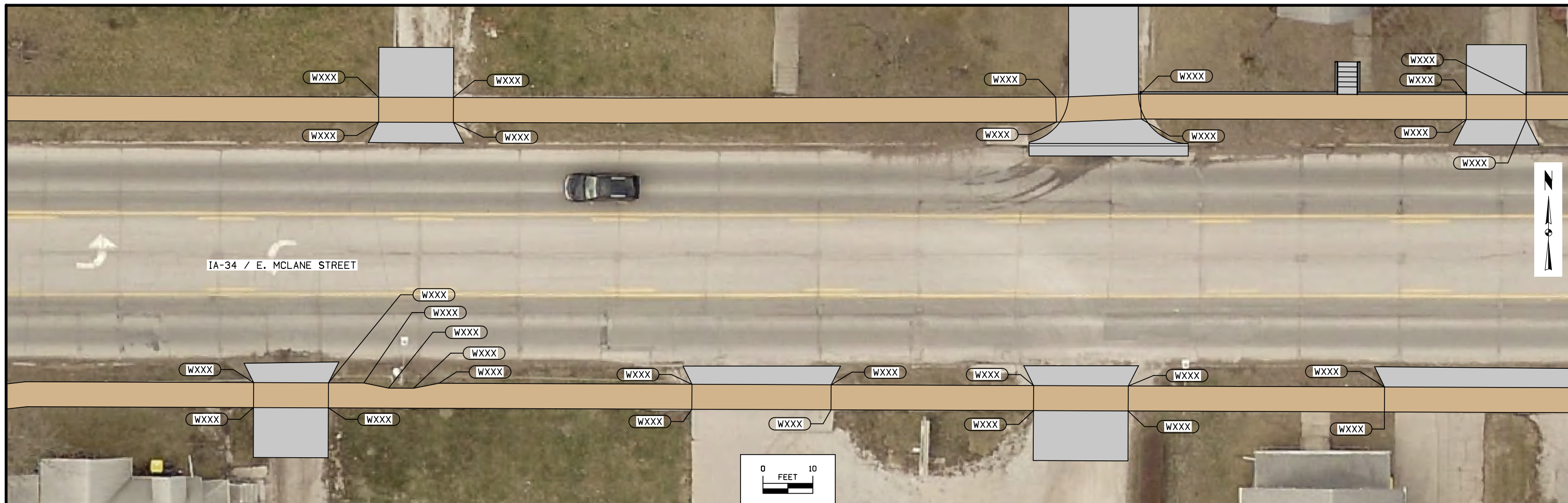
SIDEWALK COMPLIANCE

See 5 Sheets

113-10
04-18-17

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	Landing/Turning Space	4															
	Match Existing Cross Slope	4															



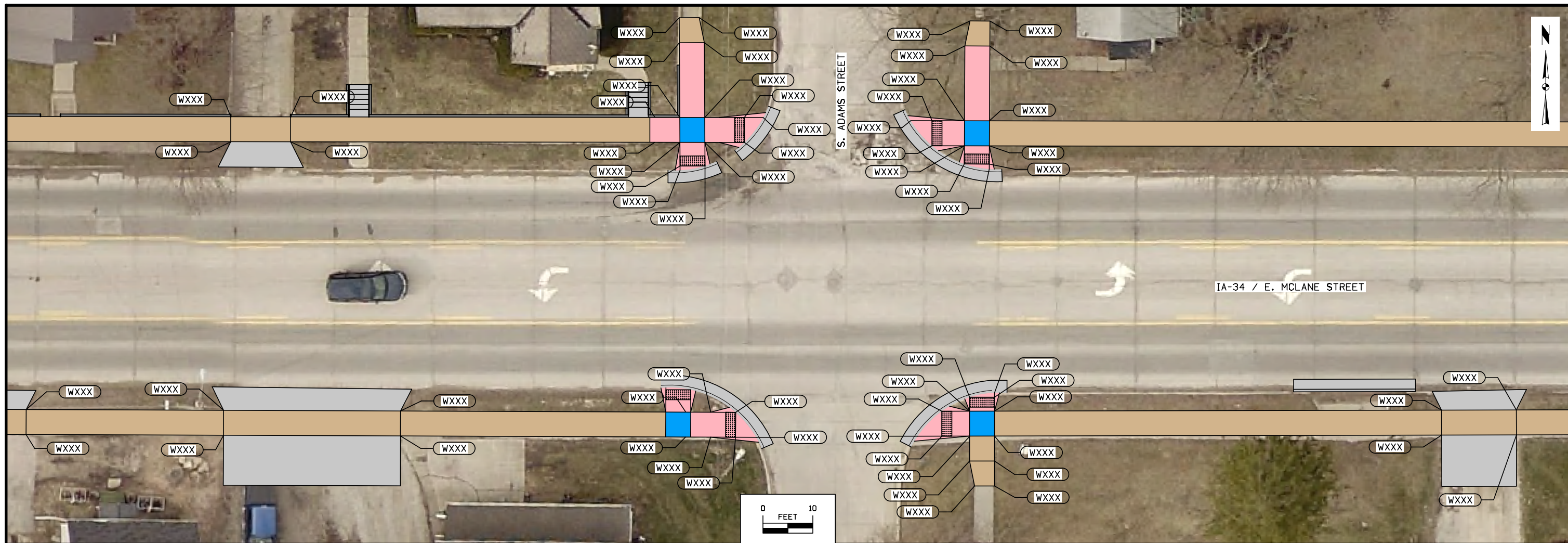
SIDEWALK COMPLIANCE

See 5 Sheets

113-10
04-18-17

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- ① Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	_ " PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES					
											Point	Station	Offset	Elevation		
	Ramp Running Slope	6														
	Landing/Turning Space	4														
	Match Existing Cross Slope	4														



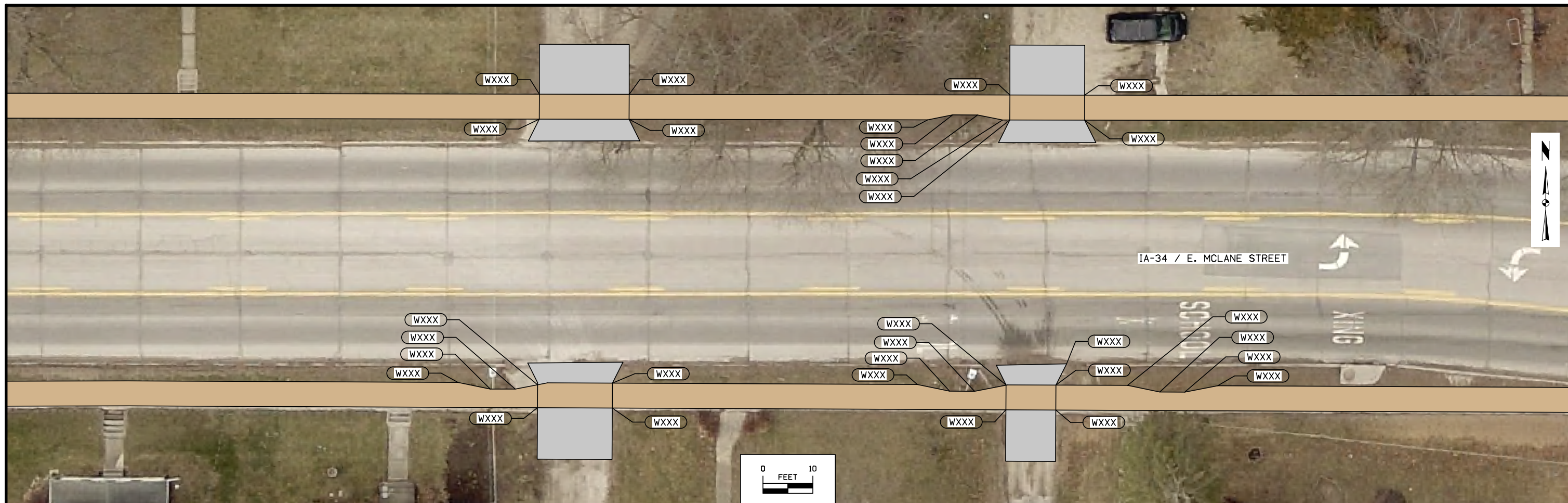
SIDEWALK COMPLIANCE

See S Sheets

113-10
04-18-17

- * Does not include curb
- ① Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
- ② Refer to tabulation 113-01 for bid quantities.

Point to Point	Sidewalk Designation	-" PCC Sidewalk ②	Distance* FT	Δ Elevation FT	Slope %	Acceptable Constructed Range Pos. or Neg.	Staking Required on this Quadrant? ①	Measured Slope %	Initials	Remarks	FOR INFORMATION ONLY: VALUES USED TO DETERMINE DESIGNED SLOPES						
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	Ramp Running Slope	6															
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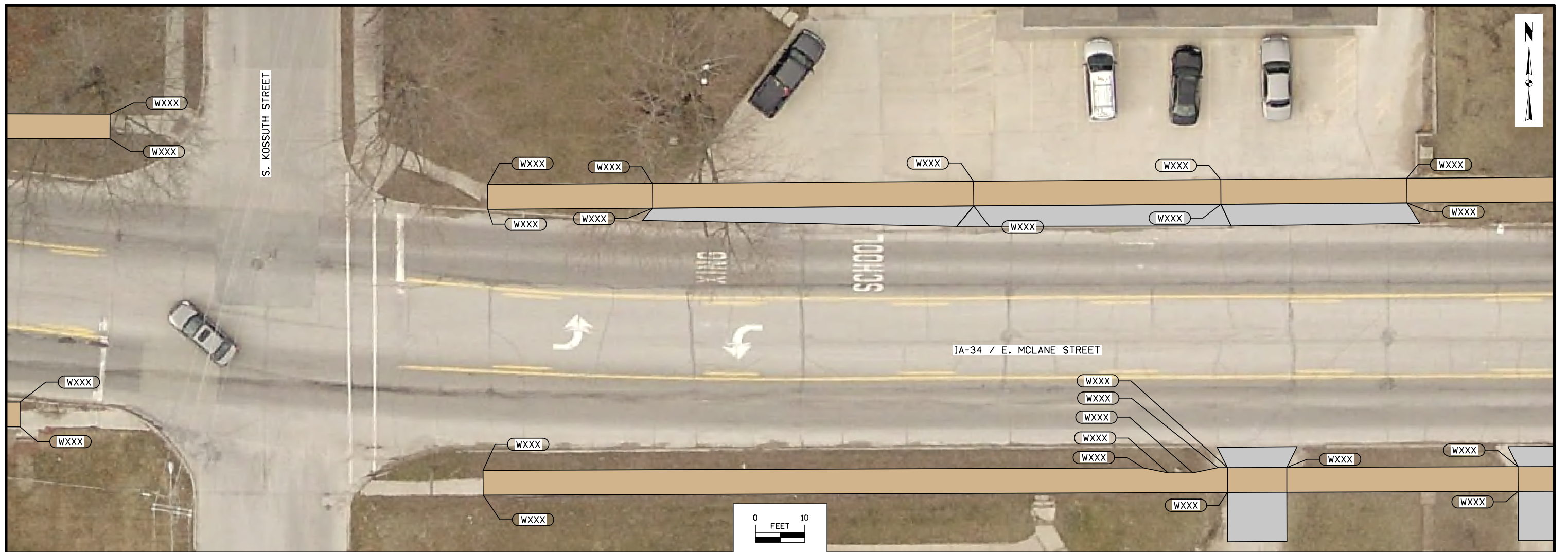
SIDEWALK COMPLIANCE

See 5 Sheets

113-10
04-18-17

- * Does not include curb
- ① Staking required by Contracting Authority per Article 2511.03 of the Standard Specifications.
- ② Refer to tabulation 113-01 for bid quantities.

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	Landing/Turning Space	4													
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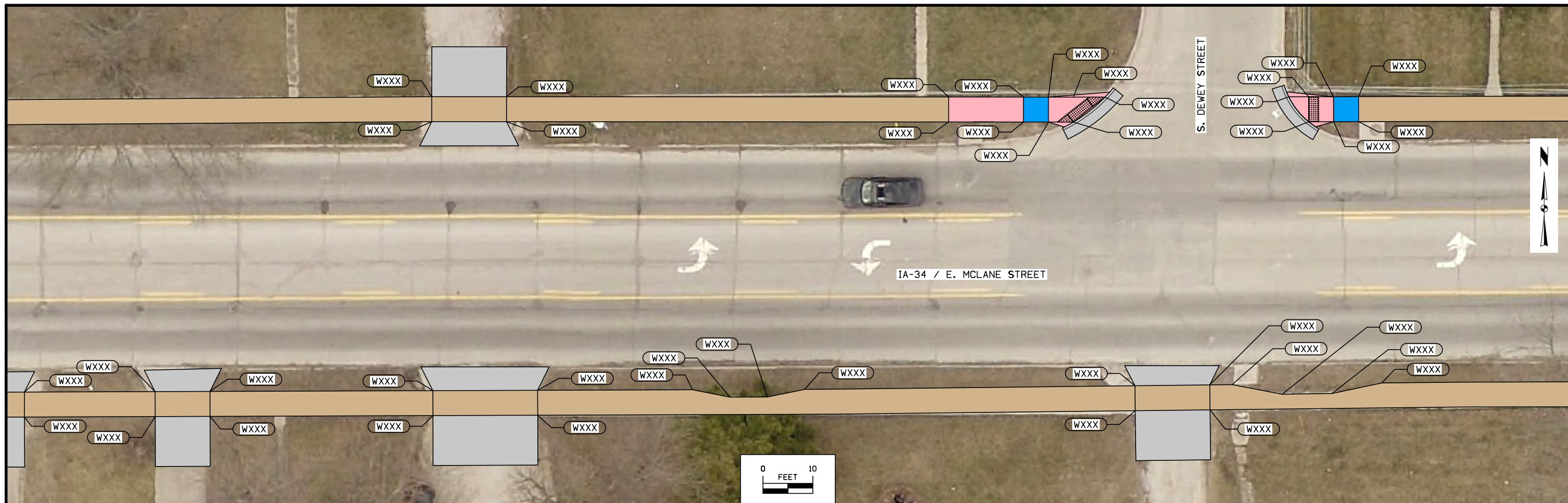


SIDEWALK COMPLIANCE
See 5 Sheets

113-10
04-18-17

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	Landing/Turning Space	4															
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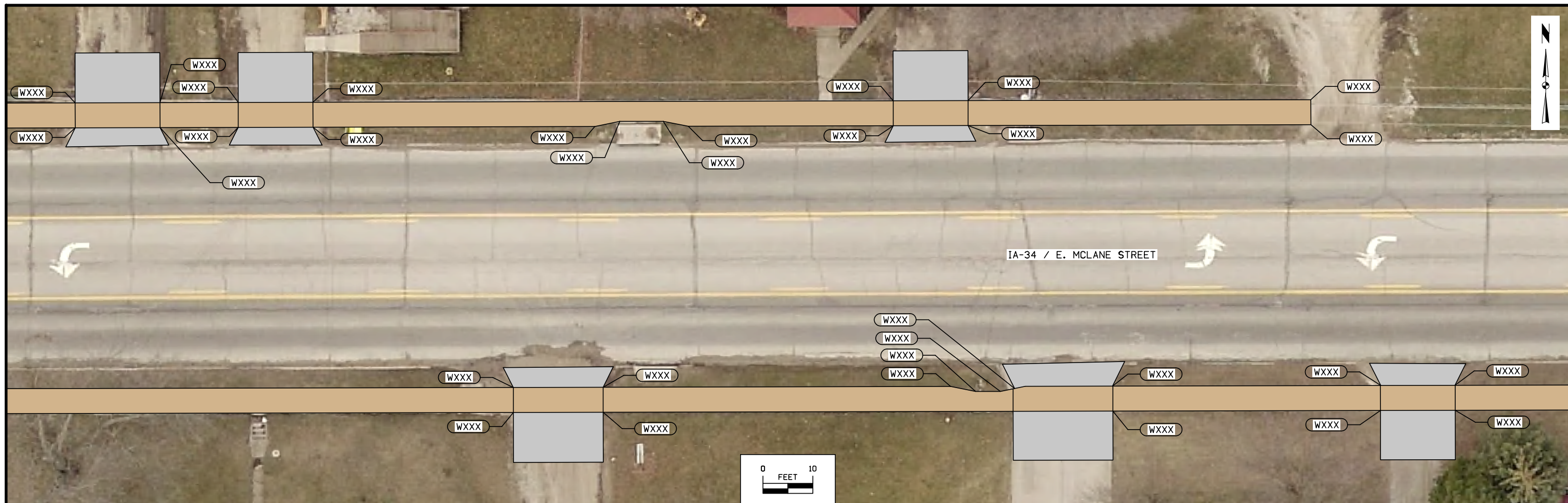
SIDEWALK COMPLIANCE

See 5 Sheets

113-10
04-18-17

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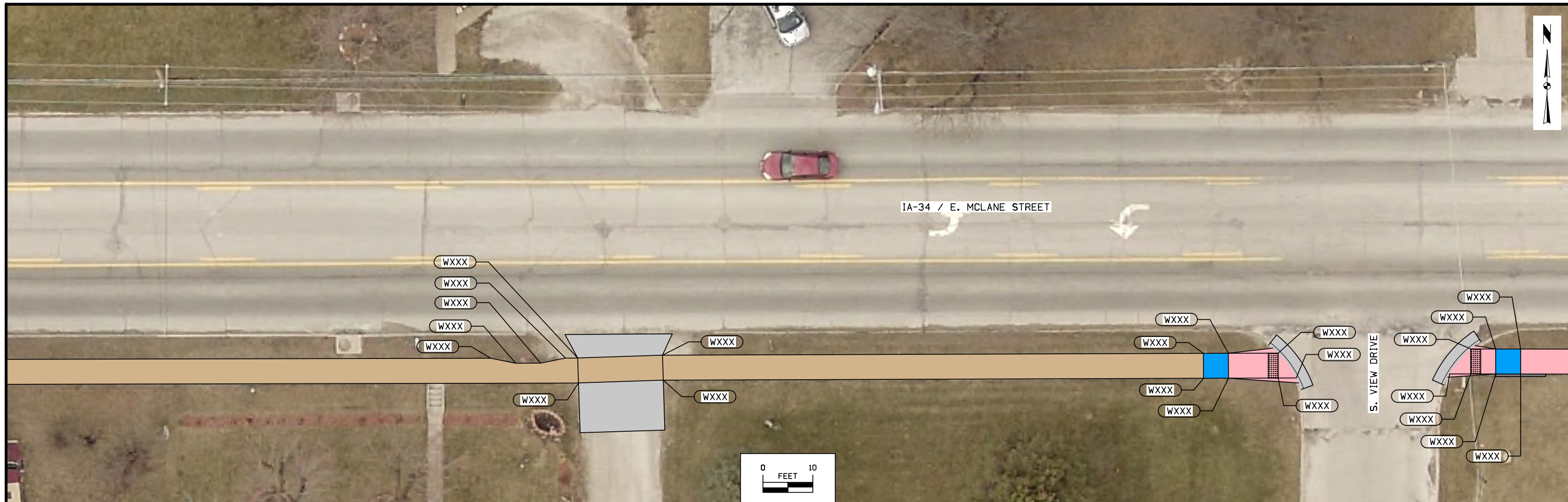
SIDEWALK COMPLIANCE

See 5 Sheets

113-10
04-18-17

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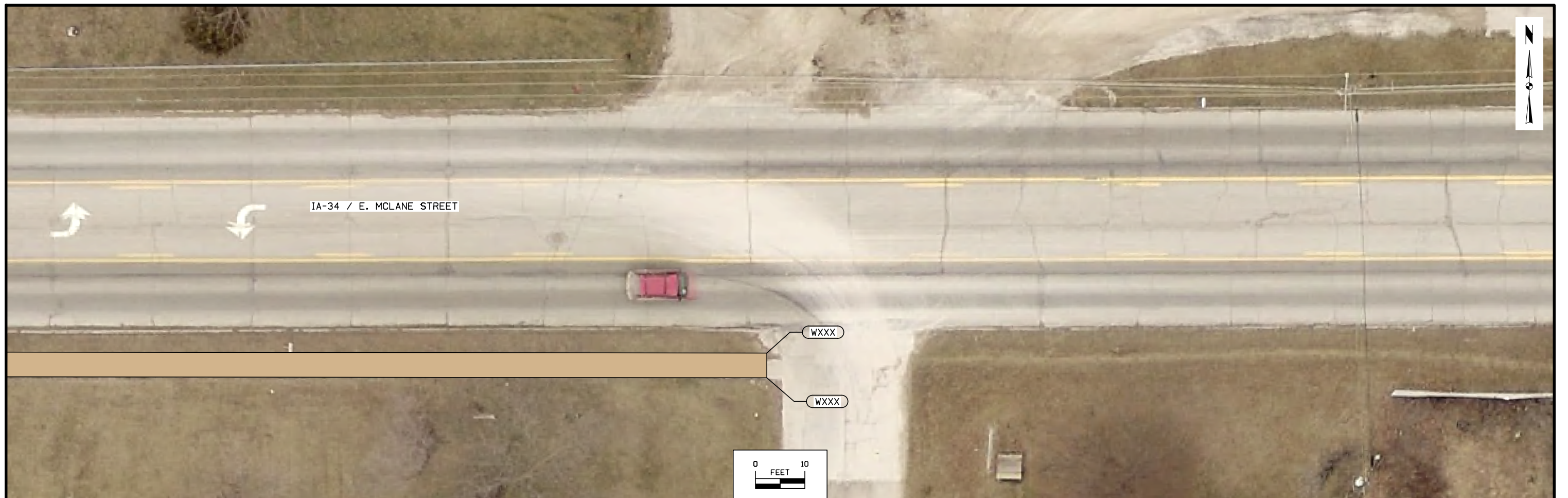
SIDEWALK COMPLIANCE

See 5 Sheets

113-10
04-18-17

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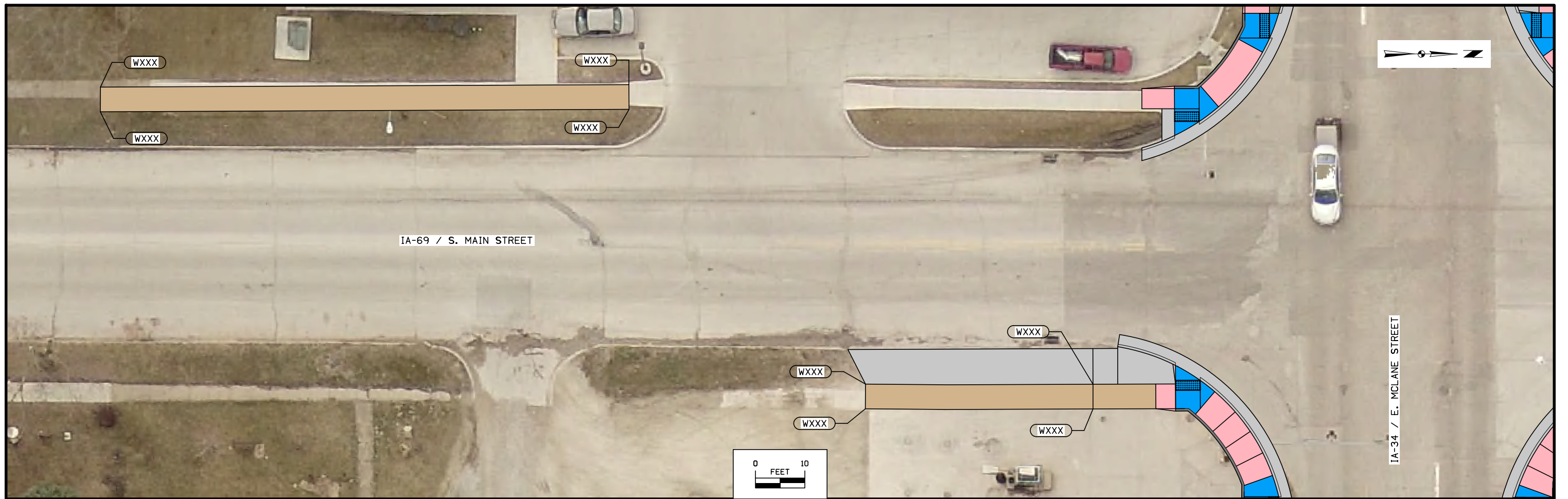
SIDEWALK COMPLIANCE

See 5 Sheets

113-10
04-18-17

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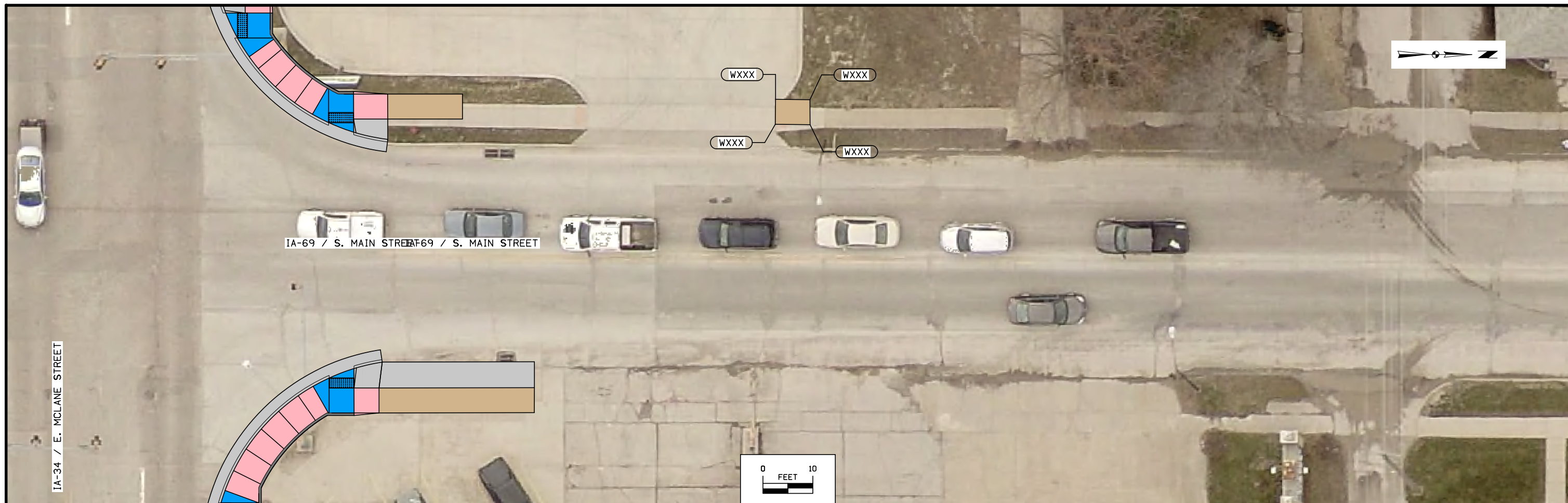
SIDEWALK COMPLIANCE

See 5 Sheets

113-10
04-18-17

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113-10
04-18-17

SIDEWALK COMPLIANCE

See 5 Sheets

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	Landing/Turning Space	4														
	Match Existing Cross Slope	4														

LETTING DATE
12-15-2020

HMA RESURFACING WITH MILLING
NHSN-034-5(28)--2R-20

CLARKE CO.



Highway Division

PLANS OF PROPOSED IMPROVEMENT ON THE

PRIMARY ROAD SYSTEM
CLARKE COUNTY
HMA RESURFACING WITH MILLING

I-35 to ECL of Osceola

SCALES: As Noted

BEGIN PROJECT
STA 640+00
REF LOC 115.34

EQUATION
STA 679+85.9 BK
STA 679+88.5 AH

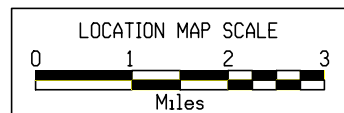
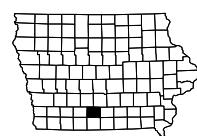
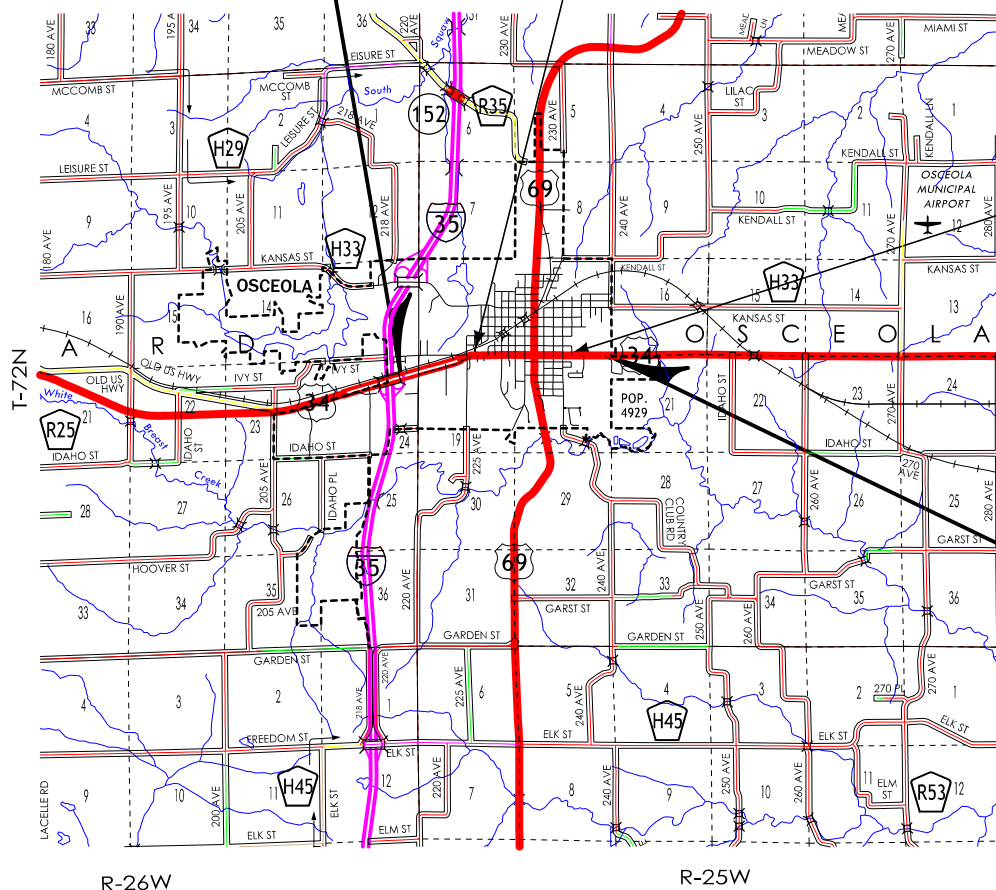
Refer to the Proposal Form for list of applicable specifications.

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



EQUATION
STA 728+70.0 BK
STA 100+43.8 AH

END PROJECT
STA. 130+00
REF. LOC. 117.60



DESIGN DATA URBAN

2021 AADT	5349	V.P.D.
2041 AADT	6145	V.P.D.
2041 DHV	630	V.P.H.
TRUCKS	12	%
Total Design ESALs	2.2 million	

INDEX OF SEALS

SHEET NO.	NAME	TYPE
A.1	Jonathan W. Bahr	Primary Signature Block
X	X	X

REVISIONS

TOTAL

24

PROJECT IDENTIFICATION NUMBER

18-20-034-010

PROJECT NUMBER

NHSN-034-5(28)--2R-20

R.O.W. PROJECT NUMBER

NHSN-034-5(27)--2R-20

INDEX OF SHEETS

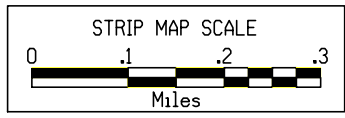
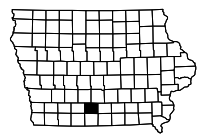
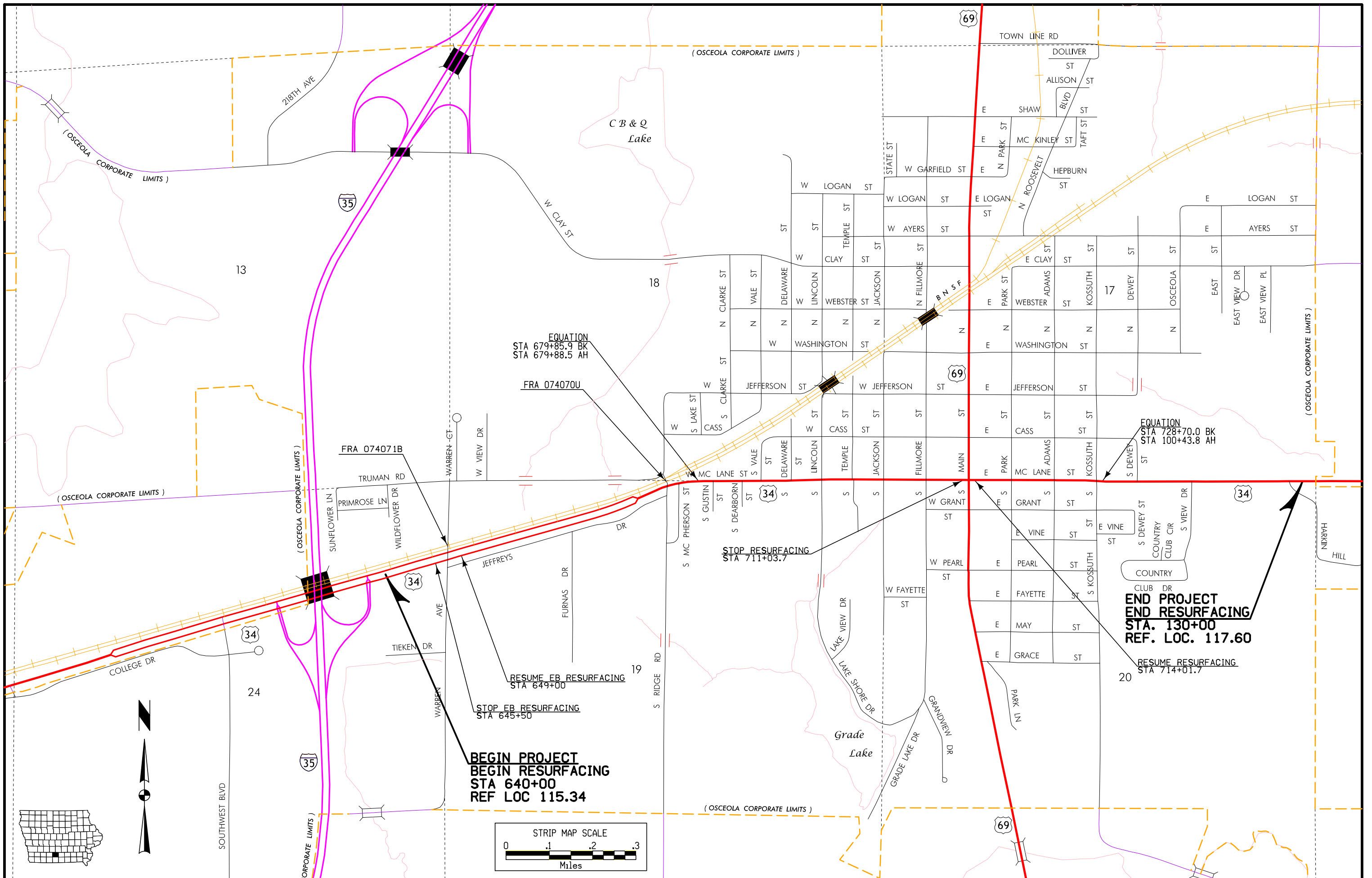
No.	DESCRIPTION
A Sheets	Title Sheets
* A.1	Title Sheet & Location Map
* A.2	Strip Map
B Sheets	Typical Cross Sections and Details
B.1 - 4	Typical Cross Sections and Details
C Sheets	Quantities and General Information
C.1	Project Description
C.1	Estimated Project Quantities
C.1	Estimate Reference Information
C.2	Standard Road Plans
C.2	Index of Tabulations
C.2	General Notes
C.3 - 7	Tabulations (beg. with tab. of incidentals if needed)
D Sheets	Mainline Plan and Profile Sheets
D.1 - 10	US 34 Plan and Profile As-Built
J Sheets	Traffic Control and Staging Sheets
J.1	Traffic Control Plan & 511 Travel Restrictions
J.1	Coordinated Operations
	* Color Plan Sheets

Project Event Dates:
D07 10-06-2020

PRELIMINARY PLANS

Subject to change by final design.

IN-PROGRESS PLAN
Date: 5-19-2020



Combination Shoulder with Widening

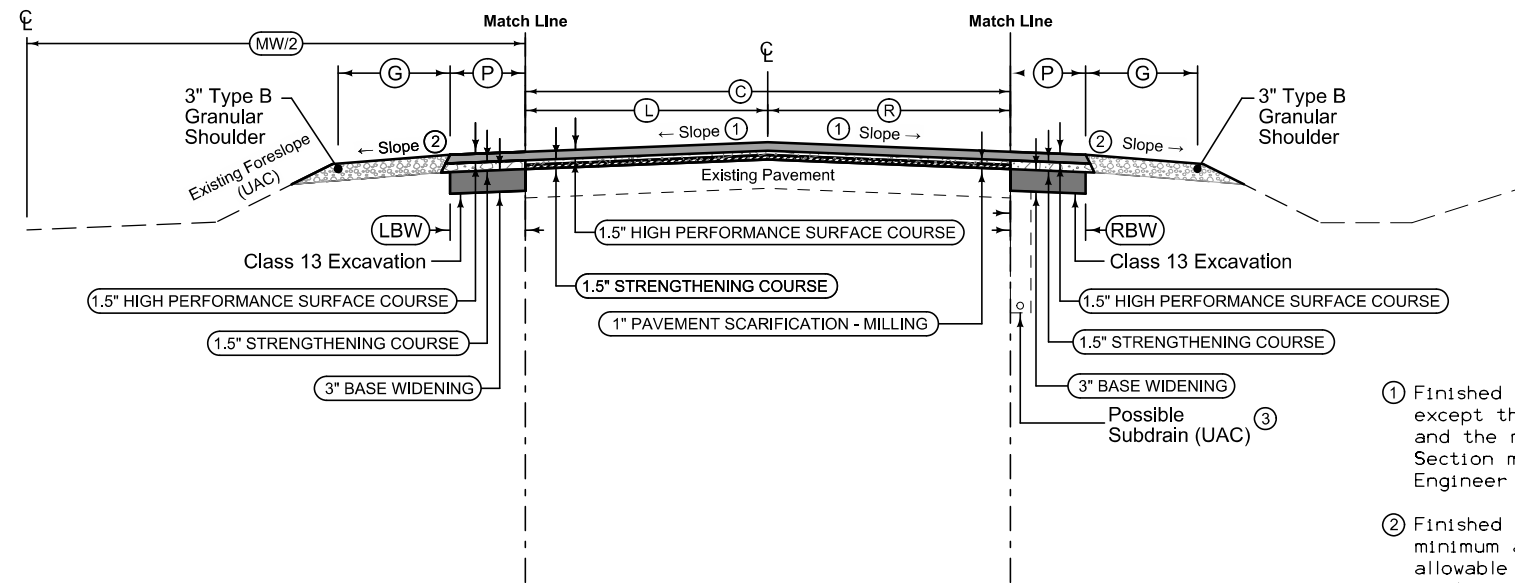
Shoulder Jointing:
Longitudinal joint: B

3R_Shldr_Paved_ Modified					
STATION TO STATION	(LBW) Feet	(P) Feet	(G) Feet	Length Feet	REMARKS
WESTBOUND					
640+00	670+95	4	4	2	3,095
EASTBOUND					
640+00	670+95	4	4	2	3,095

Combination Shoulder with Widening

Shoulder Jointing:
Longitudinal joint: B

3R_Shldr_Paved_ Modified					
STATION TO STATION	(RBW) Feet	(P) Feet	(G) Feet	Length Feet	REMARKS
WESTBOUND					
640+00	670+95	4	4	6	3,095
EASTBOUND					
640+00	670+95	4	4	6	3,095



- ① Finished slope shall match existing pavement except the maximum allowable slope is 3.0% and the minimum allowable slope is 2.0%. Section may be modified as directed by the Engineer through areas of special shaping.
- ② Finished slope of Shoulder shall have a minimum allowable slope of 4% and a maximum allowable slope of 6%. Section may be modified as directed by the Engineer through areas of special shaping.
- ③ All existing subdrains shall remain functional at all times. Do not plug or crush.

Section shown in direction of traffic

3R_MillingOverlay_ 04-19-11					
STATION TO STATION	(C) Feet	(L) Feet	(R) Feet	(MW) Feet	
WESTBOUND					
640+00	640+90	30.0	18.0-12.0	12.0	30.0-36.0
640+90	644+25	24.0	12.0	12.0	36.0
644+25	645+50	24.0	12.0	12.0	36.0-24.0
645+50	646+00	24.0	12.0	12.0	24.0
646+00	646+75	24.0-36.0	12.0-24.0	12.0	24.0-12.0
647+75	648+75	36.0	24.0	12.0	12.0-24.0
648+75	650+50	36.0-24.0	24.0-12.0	12.0	24.0-36.0
650+50	665+65	24.0	12.0	12.0	36.0
665+65	668+15	24.0	12.0	12.0	36.0-28.0
668+15	670+95	24.0	12.0	12.0	28.0-6.0
EASTBOUND					
640+00	640+90	24.0	12.0	12.0	30.0-36.0
640+90	644+25	24.0	12.0	12.0	36.0
644+25	645+50	24.0-36.0	12.0-24.0	12.0	36.0-24.0
649+00	650+50	24.0	12.0	12.0	24.0-36.0
650+50	665+65	24.0	12.0	12.0	36.0
665+65	668+15	24.0	12.0	12.0	36.0-28.0
668+15	670+95	24.0	12.0	12.0	28.0-6.0

US 34 MAINLINE MILLING & HMA RESURFACING

(Rural 4 Lane Divided - West End of Project)

Combination Shoulder with Widening

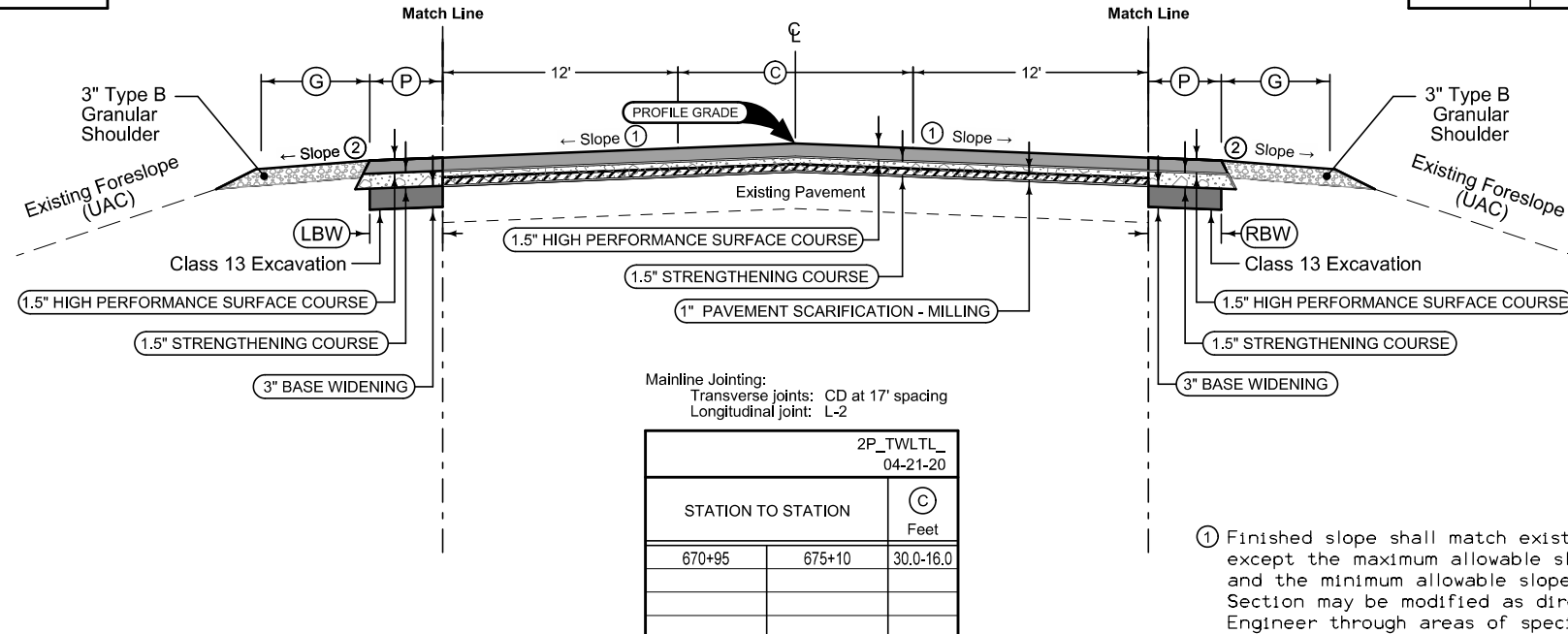
Shoulder Jointing:
Longitudinal joint: B

3R_Shldr_Paved_Modified					
STATION TO STATION	LBW Feet	P Feet	G Feet	Length Feet	REMARKS
670+95	675+10	4	4	6	415

Combination Shoulder with Widening

Shoulder Jointing:
Longitudinal joint: B

3R_Shldr_Paved_Modified					
STATION TO STATION	RBW Feet	P Feet	G Feet	Length Feet	REMARKS
670+95	675+10	4	4	6	415



- ① Finished slope shall match existing pavement except the maximum allowable slope is 3.0% and the minimum allowable slope is 2.0%. Section may be modified as directed by the Engineer through areas of special shaping.
- ② Finished slope of Shoulder shall have a minimum allowable slope of 4% and a maximum allowable slope of 6%. Section may be modified as directed by the Engineer through areas of special shaping.

US 34 MAINLINE MILLING & HMA RESURFACING
(Urban 3 Lane including TWLTL)

Curbed Shoulder

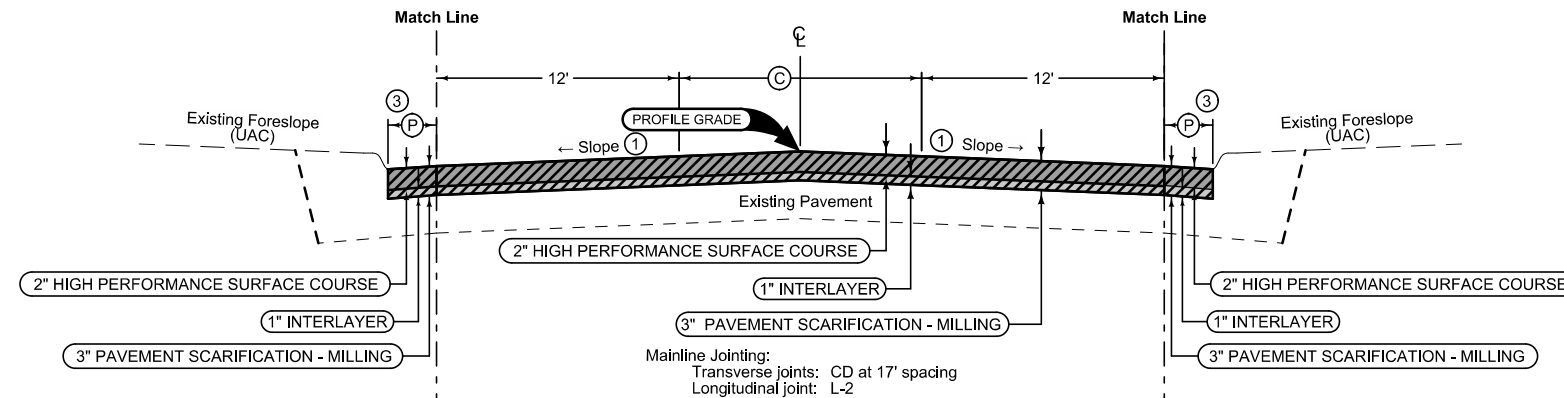
STATION TO STATION		(P) Feet	Curb Type See PV-102
675+10	679+85.9 (E1)	1.0	UAC
679+88.5 (E1)	711+03.7	1.0	UAC
714+01.7	728+70.0 (E2)	1.0	UAC
100+43.8 (E2)	128+00	1.0	UAC

EQUATION: (E1) STA. 679+85.9 BK = 679+88.5 AH
(E2) STA. 728+70 BK = 100+43.8 AH

Curbed Shoulder

STATION TO STATION		(P) Feet	Curb Type See PV-102
675+10	679+85.9 (E1)	1.0	UAC
679+88.5 (E1)	711+03.7	1.0	UAC
714+01.7	728+70.0 (E2)	1.0	UAC
100+43.8 (E2)	125+10	1.0	UAC

EQUATION: (E1) STA. 679+85.9 BK = 679+88.5 AH
(E2) STA. 728+70 BK = 100+43.8 AH



Mainline Jointing:
Transverse joints: CD at 17' spacing
Longitudinal joint: L-2

STATION TO STATION		(C) Feet
675+10	679+85.9 (E1)	16.0
679+88.5 (E1)	711+03.7	16.0
714+01.7	728+70.0 (E2)	16.0
100+43.8 (E2)	118+10	16.0
118+10	121+10	16.0-12.0
121+10	127+50	12.0
127+50	130+00	12.0

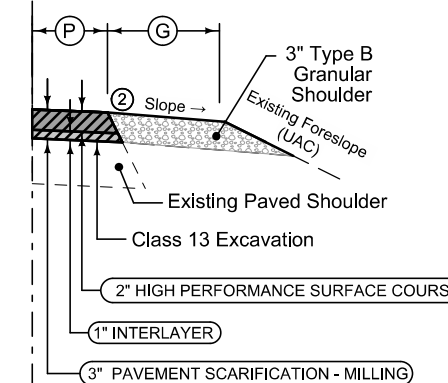
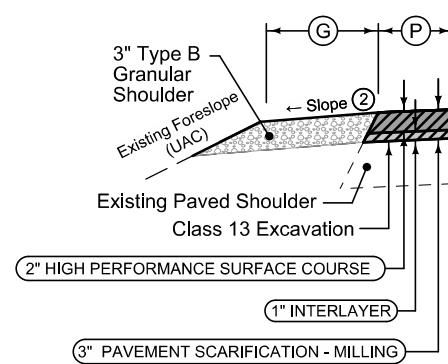
EQUATION: (E1) STA. 679+85.9 BK = 679+88.5 AH
(E2) STA. 728+70 BK = 100+43.8 AH

- ① Finished slope shall match existing pavement except the maximum allowable slope is 3.0% and the minimum allowable slope is 2.0%. Section may be modified as directed by the Engineer through areas of special shaping.
- ② Finished slope of Shoulder shall have a minimum allowable slope of 4% and a maximum allowable slope of 6%. Section may be modified as directed by the Engineer through areas of special shaping.
- ③ If there is no existing HMA on the PC gutter pan, then milling and resurfacing shall stop at the lip of the PC gutter. Avoid milling and placing new overlay onto a gutter pan that has no existing HMA on it.

Combination Shoulder

Shoulder Jointing:
Longitudinal joint: B

STATION TO STATION		(P) Feet	(G) Feet
128+00	130+00	4.0	6.0



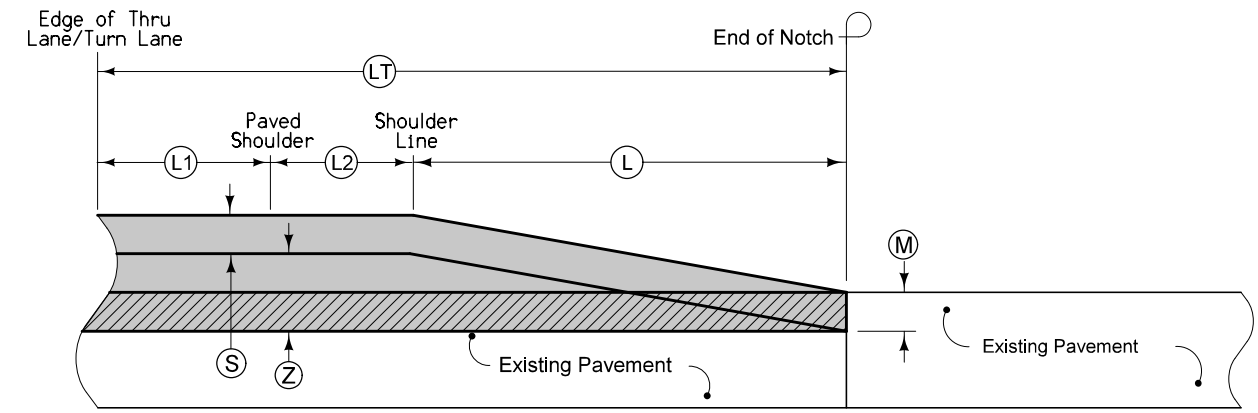
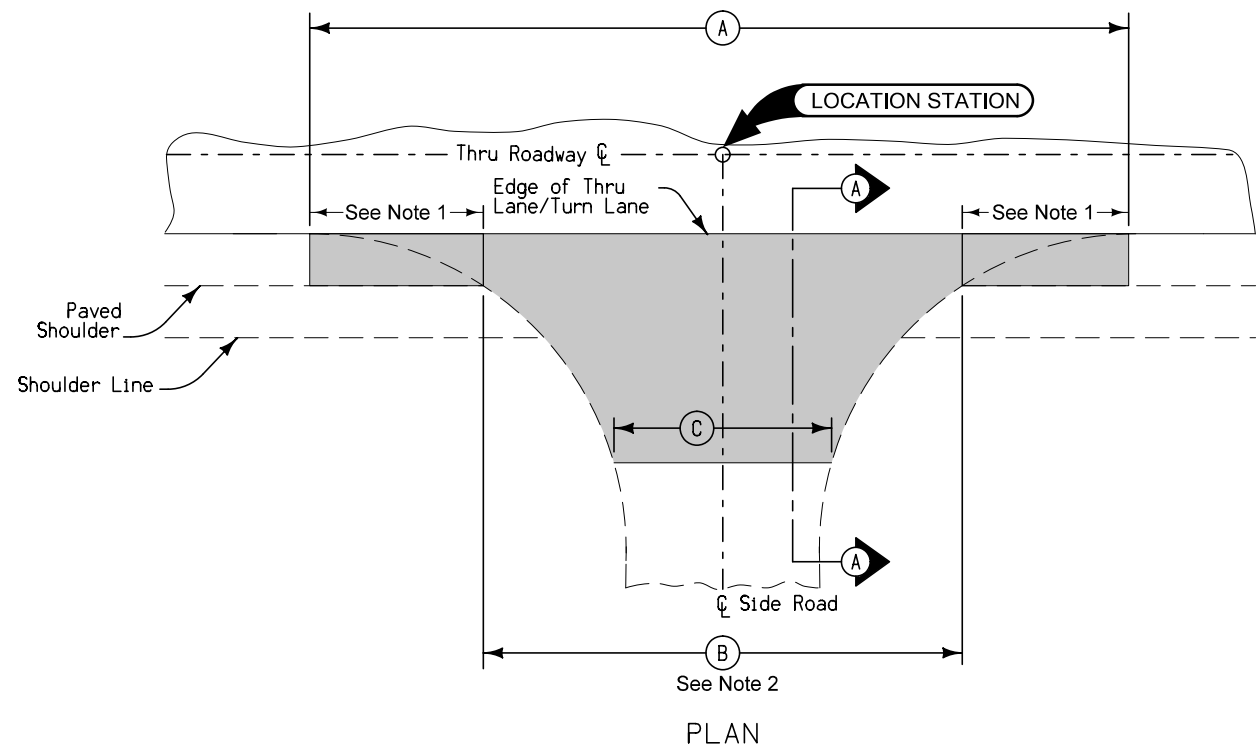
Combination Shoulder

Shoulder Jointing:
Longitudinal joint: B

STATION TO STATION		(P) Feet	(G) Feet
125+10	130+00	4.0	6.0

US 34 MAINLINE MILLING & HMA RESURFACING

(Urban 3 Lane including TWLTL)



TYPE 'N5'
SURFACE NOTCH - STRENGTHENING RUNOUT
FOR RESURFACING OF MILLED AREAS

SECTION A-A

- (S) Surface Course
- (Z) Strengthening Course
- (L) Runout Length
- (M) Milling

NOTES:

1. The area and associated quantities between the outer limits of Dimension A and Dimension B are accounted for in Tabs 100-25, 106-5, and 112-9 in the C-Sheets. The existing pavement within the area between the outer limits of Dimension A and Dimension B shall be removed and included in the cost of Class 13 Excavation.
2. The quantities within this Detail reflect the work occurring within Dimension B.
3. Special shaping of existing surface prior to placement of runout may be required by the Engineer and is incidental to other work on the project.
4. Dimensions are approximate and shall match existing.
5. Unit weight of Surface Course: 147 lbs/cf
6. Unit weight of Strengthening Course: 145 lbs/cf
7. Asphalt Binder is applied at a rate of 6.00% per ton of HMA Pavement.

Location	Location Station	Existing Surface Material	Type of Notch	A Feet	B Feet	C Feet	S Inches	Z Inches	M Inches	LT Feet	L1 Feet	L2 Feet	L Feet	HMA Pavement				Scarification Area SY		
														Surface		Strengthening			Asphalt Binder	
														Area SY	Extremely High Traffic Tons	Area SY	High Traffic Tons		PG 64-34E+ Tons	PG 58-28H Tons
Warren Ave. LT	647+42	PCC	N5				1.5	1.5	1.0	30.0	4.0	6.0	20.0							
Furnas Dr. RT	662+86	PCC	N5				1.5	1.5	1.0	30.0	4.0	6.0	20.0							
Commercial Access RT	671+60	HMA	N5				1.5	1.5	1.0	30.0	4.0	6.0	20.0							
Ridge Rd. LT	675+61.2	PCC	N5				1.5	1.5	1.0	30.0	4.0	6.0	20.0							
Ridge Rd. RT	675+61.2	HMA/PCC	N5				1.5	1.5	1.0	30.0	4.0	6.0	20.0							
													TOTALS							

HMA RUNOUT FOR
PAVED SIDE ROADS

100-1D
10-18-05

PROJECT DESCRIPTION

This project includes a rural section consisting of 1" of milling and a 3"- 2 course HMA resurfacing with 4' paved shoulders and 6' granular shoulder and an urban section consisting of 3" of milling with 3" of HMA resurfacing,

100-0A
10-28-97

**ESTIMATED ROADWAY QUANTITIES
(1 DIVISION PROJECT)**

Item No.	Item Code	Item	Unit	Total	As Built Qty.
1	2121-7425020	GRANULAR SHOULDERS, TYPE B	TON	896.1	
2	2212-5070310	PATCHES, FULL-DEPTH REPAIR	SY	420.1	
3	2212-5070330	PATCHES BY COUNT (REPAIR)	EACH	47	
4	2213-2713300	EXCAVATION, CLASS 13, FOR WIDENING	CY	260.0	
5	2213-8201030	BASE WIDENING, 3 IN. HOT MIX ASPHALT MIXTURE	SY	3,120.0	
6	2214-5145150	PAVEMENT SCARIFICATION	SY	46,294.7	
7	2303-0002380	HOT MIX ASPHALT MIXTURE INTERLAYER BASE COURSE, 3/8 IN. MIX	TON	2,109.200	
8	2303-1032750	HOT MIX ASPHALT STANDARD TRAFFIC, INTERMEDIATE COURSE, 3/4 IN. MIX	TON	1,129.20	
9	2303-1053754	HOT MIX ASPHALT VERY HIGH TRAFFIC, SURFACE COURSE, 3/4 IN. MIX, FRICTION L-4	TON	6,473.90	
10	2303-1258284	ASPHALT BINDER, PG 58-28H, HIGH TRAFFIC	TON	196.00	
11	2303-1258346	ASPHALT BINDER, PG 58-34E, EXTREMELY HIGH TRAFFIC	TON	126.50	
12	2303-1264347	ASPHALT BINDER, PG 64-34E+, EXTREMELY HIGH TRAFFIC, 90% ELASTIC RECOVERY	TON	324.30	
13	2527-9263118	PAINTED PAVEMENT MARKINGS,	STA	0.0	
14	2527-9263146	PAINTED SYMBOLS AND LEGENDS,	EACH	0	
15	2528-8445110	TRAFFIC CONTROL	LS	1.00	
16	2528-8445113	FLAGGERS	EACH	See Proposal	
17	2533-4980005	MOBILIZATION	LS	1.00	

100-4A
10-29-02

ESTIMATE REFERENCE INFORMATION

Item No.	Item Code	Description
1	2121-7425020	GRANULAR SHOULDERS, TYPE B Refer to Tab. 112-9 on C Sheets. Item includes 15% contingency for irregularities.
2	2212-5070310	PATCHES, FULL-DEPTH REPAIR
3	2212-5070330	PATCHES BY COUNT (REPAIR) Refer to Tab. 102-6C on C Sheets. Items include 15% contingency.
4	2213-2713300	EXCAVATION, CLASS 13, FOR WIDENING
5	2213-8201030	BASE WIDENING, 3 IN. HOT MIX ASPHALT MIXTURE Refer to Tab. 106-5 on C Sheets.
6	2214-5145150	PAVEMENT SCARIFICATION
7	2303-0002380	HOT MIX ASPHALT MIXTURE INTERLAYER BASE COURSE, 3/8 IN. MIX
8	2303-1032750	HOT MIX ASPHALT STANDARD TRAFFIC, INTERMEDIATE COURSE, 3/4 I N. MIX
9	2303-1053754	HOT MIX ASPHALT VERY HIGH TRAFFIC, SURFACE COURSE, 3/4 IN. M IX, FRICTION L-4
10	2303-1258284	ASPHALT BINDER, PG 58-28H, HIGH TRAFFIC
11	2303-1258346	ASPHALT BINDER, PG 58-34E, EXTREMELY HIGH TRAFFIC
12	2303-1264347	ASPHALT BINDER, PG 64-34E+, EXTREMELY HIGH TRAFFIC, 90% ELAS TIC RECOVERY Refer to Tab. 100-25 on C Sheets. Items include 5% contingency for irregularities.
13	2527-9263118	PAINTED PAVEMENT MARKINGS, Refer to Tab. 108-22 on C Sheets.
14	2527-9263146	PAINTED SYMBOLS AND LEGENDS, Refer to Tab 108-29 on C Sheets.
15	2528-8445110	TRAFFIC CONTROL
16	2528-8445113	FLAGGERS
17	2533-4980005	MOBILIZATION

105-4
10-18-11

STANDARD ROAD PLANS

The following Standard Road Plans apply to construction work on this project.

Number	Date	Title
PM-110	04-21-20	Line Types
PM-111	04-21-20	Symbols and Legends
PR-103	04-21-20	Full Depth PCC Patch with Dowels
PV-203	04-21-20	HMA Base Widening
TC-1	10-15-19	Work Not Affecting Traffic (Two-Lane or Multi-Lane)

111-25
10-18-11

INDEX OF TABULATIONS

Tabulation	Tabulation Title	Sheet No.
C Sheets		
100-0A	ESTIMATED ROADWAY QUANTITIES (1 DIVISION PROJECT)	C.1
100-1D	PROJECT DESCRIPTION	C.1
100-4A	ESTIMATE REFERENCE INFORMATION	C.1
100-25	HMA PAVEMENT	C.5
102-5	EXISTING PAVEMENT	C.2
102-6C	FULL-DEPTH PATCHES	C.3
102-16	NOTCHES AND RUNOUTS FOR RESURFACING	C.4
104-10	ADJUSTMENT OF FIXTURES	C.4
105-4	STANDARD ROAD PLANS	C.2
106-5	AREAS FOR PAVEMENT OR BASE WIDENING	C.4
108-22	PAVEMENT MARKING LINE TYPES	C.7
108-29	PAVEMENT MARKING SYMBOLS AND LEGENDS	C.7
112-9	SHOULDERS	C.6

262-6
10-18-05

UTILITIES

(NOT A POINT 25 PROJECT)

This is NOT a POINT 25 project and is not subject to the provisions of IAC 761-115.25.

102-5
04-18-17

EXISTING PAVEMENT

No.	Location					Year	Type	Project Number	Surface		Base		Subbase		Removal		Coarse Aggregate			Reinforcement	Remarks	
	County	Route	Dir. of Travel	Begin Ref. Loc. Sign	End Ref. Loc. Sign				Type	Depth	Type	Depth	Type	Depth	Type	Depth	Source	Type	Durability Class	Type		
																						IN
20	Clarke	US 34	Both	115.17	117.57	2000		NHSN-34-5(17)--2R-20	AAC	1.5	AAC	2					DURHAM		C. LST.			
		US 34	Both	115.17	116.08	1960		FN-241	PCC	10	GSB	4										
		US 34	Both	116.08	117.04	1956		FN-241	PCC	9.5							WEST DES MOINES		GRAVEL			
		US 34	Both	117.04	117.57	1967		F-FG-34--5(1)--24-20	PCC	9							PLAN0 32-70-19#4		C. LST.			

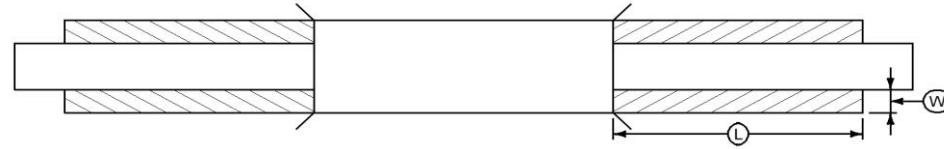
FULL-DEPTH PATCHES

Possible Standards: PR-101, PR-102, PR-103, PR-104, PR-105, and PR-140.

Count	Location		Dimension				PCC Patches				HMA Patches	Composite HMA	Subbase Patches	Subbase Patch w/ 'EF' Joint	Patch Subdrain	'CD' Joints	'CT' Joints	'EF' Joints	Anchor Lugs Removal	Remarks
	Station	Reference Location Sign	Lane	Length	Width	Patch Thickness	With Dowels	Without Dowels	C R C	Ramp with Dowels										
	L, R, or B	FT	FT	IN	PR-103 SY	PR-102 SY	PR-104 SY	PR-105 SY	PR-140 SY	PR-101 SY										
US 34 Eastbound																				
1	638+08.00		R	8.0	12.0															
1	645+50.00		L	8.0	12.0															
1	645+50.00		L Turn Lane	8.0	12.0															
2	645+80.00		B	6.0	12.0															
1	645+90.00		L	6.0	12.0															
1	646+80.00		L	6.0	12.0															
2	719+64.00		B	6.0	12.0															
1	732+80.00		Center Turn	8.0	12.0															
1	748+10.00		R	10.0	12.0															
1	748+76.00		R	8.0	12.0															
1	750+12.00		R	6.0	12.0															
1	750+30.00		R	8.0	12.0															
1	750+49.00		R	6.0	12.0															
1	750+67.00		R	6.0	12.0															
1	750+84.00		R	6.0	12.0															
1	751+00.00		R	6.0	12.0															
1	751+60.00		R	6.0	12.0															
1	753+19.00		R	6.0	12.0															
1	758+00.00		R	14.0	12.0															
US 34 Westbound																				
1	755+96.00		R	8.0	12.0															
1	754+73.00		R	6.0	12.0															
1	754+60.00		R	6.0	12.0															
1	732+04.00		R	6.0	12.0															
1	706+56.00		R	8.0	12.0															
1	680+32.00		R	6.0	12.0															
2	650+98.00		B	6.0	12.0															
2	650+77.00		B	6.0	12.0															
2	650+65.00		B	6.0	12.0															
2	650+55.00		B	6.0	12.0															
1	650+33.00		R	6.0	12.0															
2	650+12.00		B	6.0	12.0															
1	650+06.00		R	6.0	12.0															
2	649+80.00		B	6.0	12.0															
41	SUBTOTAL - NUMBER OF PATCHES				SUBTOTAL				365.3											
6	15% CONTINGENCY				15% CONTINGENCY				54.8											
47	TOTAL				TOTAL				420.1											
Equation: Sta. 679+85.9 (BK) = Sta. 679+88.5 (AHD)																				
Equation: Sta. 728+70 (BK) = Sta. 100+43.8 (AHD)																				

AREAS FOR PAVEMENT OR BASE WIDENING

Refer to Standard Road Plans PV-105 or PV-203



- ① Bid Item
- ② Estimated for two applications to achieve lifts and one application of 0.10 Gal/SY adjacent to existing pavement. Priming of subgrade or finished base is not required. Calculations assume a HMA unit weight (lbs/cf) of 145, a Special Backfill unit weight (lbs/cf) of 140, and a Tack Coat unit weight (gal/sy) of 0.05.

Station to Station	Side	Pavement Type	L Length FT	W Width FT	T Thickness IN	HMA Base Widening ① TONS	HMA Base Widening ① SY	PCC Base Widening ① SY	PCC Pavement Widening ① SY	Tack Coat		Tack Coat ② GAL	Asphalt Binder ① TONS	Class 13 Excavation, Widening ① CY	Special Backfill ① TONS	Remarks	
										Lifts GAL	Vertical Edge GAL						
640+00.00	670+95.00	LT	HMA	3095.00	4.0	3.0						137.56	8.60				
640+00.00	670+95.00	RT	HMA	3095.00	4.0	3.0						137.56	8.60				
670+95.00	675+10.00	LT	HMA	415.00	4.0	3.0						18.44	1.15				
670+95.00	675+10.00	RT	HMA	415.00	4.0	3.0						18.44	1.15				
TOTAL							3120.0								260.0		

NOTCHES AND RUNOUTS FOR RESURFACING

Refer to PR-201 and PR-202.

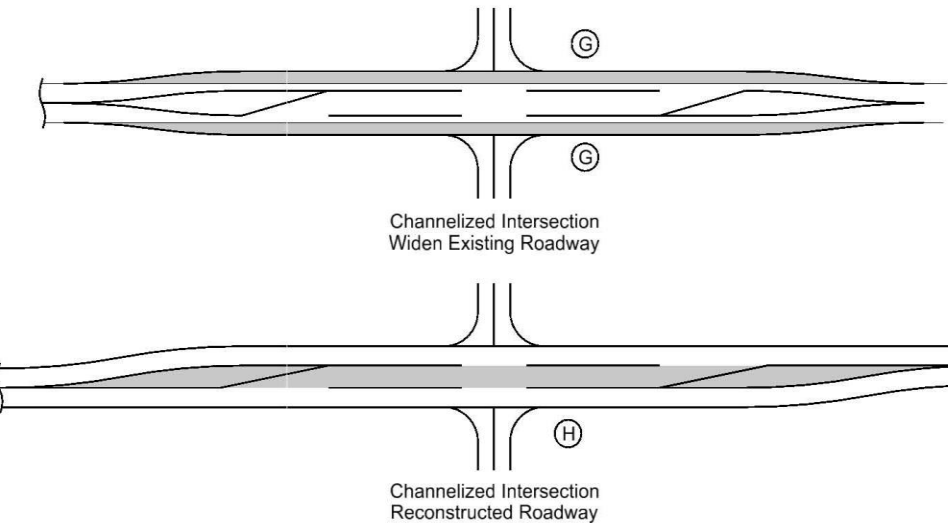
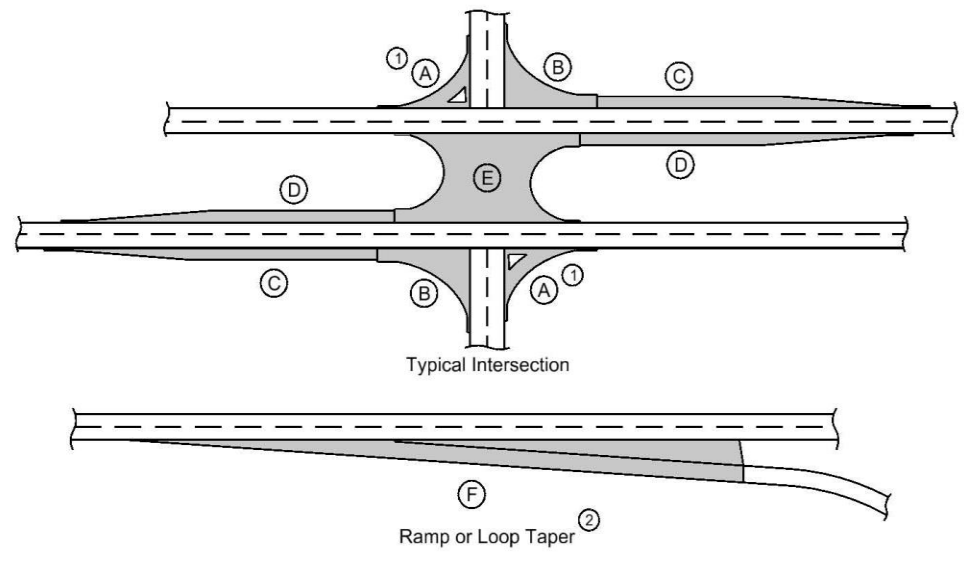
- ① Bid item. Applies only to Types 'N1' and 'N3' on PR-202. Refer to 100-25 for remaining values.

Location Station	Type of Notch or Runout	S	I	DI	L	M	Pavement Scarification ① SY	Remarks
		IN	IN	IN	FT	IN		
640+00.00	Type 'N5'	1.5	1.5		150.0			
673+60.00	Type 'R5'	1.5	1.5		150.0			
130+00.00	Type 'N4'	2.0	1.0		150.0			
Equation: Sta. 679+85.9 (BK) = Sta. 679+88.5 (AHD)								
Equation: Sta. 728+70 (BK) = Sta. 100+43.8 (AHD)								

ADJUSTMENT OF FIXTURES

No.	Location Station	Type of Fixture	Adjustment
US 34			
1	677+45 LT	Utility 42x42	Top is broken.
2	681+35 LT	Utility 42x42	Top is broken.
3	685+35 LT	Utility 42x42	Top is broken.
4	687+32 LT	Utility 72x72	Top is okay.
5	690+65 LT	Utility 42x42	Top is broken.
6	690+90 LT	Utility 42x42	Top is broken.
7	692+65 LT	Utility 63x63	Top is okay.
8	698+50 LT	Utility 72x72	Top is okay.
9	702+05 LT	Utility 42x42	Top is broken.
10	709+73 C/L	Utility 24	Adjust. Located along the centerline.
11	712+80 C/L	Utility 72x42	Top is broken. Located along the centerline.
12	716+40 RT	Utility 42x42	Top is broken.
13	717+45 CTL	Utility 42x42	Top is broken. Located in the center turn lane.
14	722+49 CTL	Utility 48x48	Top is broken. Located in the center turn lane.
15	722+60 C/L	Utility 48x48	Top is broken. Located along the centerline.
16	727+75 LT	Utility 48x48	Top is broken.
17	732+30 LT	Utility 42x42	Top is broken.
18	732+50 CTL	Utility 48x48	Top is broken. Located in the center turn lane.
19	736+86 CTL	Utility 42x42	Top is broken. Located in the center turn lane.
20	740+90 CTL	Utility 42x42	Top is broken. Located in the center turn lane.
Equation: Sta. 679+85.9 (BK) = Sta. 679+88.5 (AHD)			
Equation: Sta. 728+70 (BK) = Sta. 100+43.8 (AHD)			

HMA PAVEMENT



- ① Does not include raised island area or curb. Refer to tabulation 112-4 for quantities.
- ② Refer to PV-410, PV-411, PV-412, and PV-414.
- ③ Quantity includes Pavement Header.

Calculations assume a surface course unit weight (lbs/cf) of 147, an intermediate course unit weight (lbs/cf) of 147, a base course unit weight (lbs/cf) of 145, and a special backfill unit weight (lbs/cf) of 140.

Road Identification	Direction of Travel	Station to Station	Mainline			Area ③								Hot Mix Asphalt Pavement										Remarks									
			Width	Length	Area	A ①	B	C	D	E	F ②	G	H	Surface				Binder				Special Backfill	Modified Subbase		Granular Subbase	Pavement Scarification							
														SY	TONS	SY	TONS	TONS	SY	TONS	SY						TONS	TONS	SY	TONS			
US 34	WB	640+00.00 - 640+90.00	22-12	90.0	170.0								14.1	170.0	14.1	170.0														150.0			
"	WB	640+90.00 - 646+00.00	16.0	510.0	906.7								75.0	906.7	75.0	906.7														906.7			
"	WB	646+00.00 - 646+75.00	16-24	75.0	166.7								13.8	166.7	13.8	166.7														166.7			
"	WB	647+75.00 - 648+75.00	24.0	100.0	266.7								22.1	266.7	22.1	266.7														266.7			
"	WB	648+75.00 - 650+50.00	28-12	175.0	388.9								32.2	388.9	32.2	388.9														388.9			
"	WB	650+50.00 - 670+95.00	16.0	2045.0	3635.6								300.6	3635.6	300.6	3635.6														3635.6			
"	EB	640+00.00 - 644+25.00	16.0	425.0	755.6								62.5	755.6	62.5	755.6														755.6			
"	EB	644+25.00 - 645+50.00	16-24	125.0	277.8								23.0	277.8	23.0	277.8														277.8			
"	EB	649+00.00 - 670+95.00	16.0	2195.0	3902.2								322.7	3902.2	322.7	3902.2														3902.2			
"	BOTH	670+95.00 - 675+10.00	62-48	415.0	2536.1								209.7	2536.1	209.7	2536.1														2536.1			
"	BOTH	675+10.00 - 679+85.00	42.0	475.9	2220.9								244.9	2220.9			120.8	2220.9												2220.9			
"	BOTH	679+85.00 - 711+03.70	42.0	3115.2	14537.6								1602.8	14537.6			790.5	14537.6												14537.6			
"	BOTH	714+01.70 - 728+70.00	42.0	1468.3	6852.1								755.4	6852.1			372.6	6852.1												6852.1			
"	BOTH	100+43.80 - 118+10.00	42.0	1766.2	8242.3								908.7	8242.3			448.2	8242.3												8242.3			
"	BOTH	118+10.00 - 121+10.00	42-38	300.0	1333.3								147.0	1333.3			72.5	1333.3												1333.3			
"	BOTH	121+10.00 - 130+00.00	38.0	890.0	3757.8								414.3	3757.8			204.3	3757.8												3757.8			
													49950.0		13006.2		36943.9																
													SUBTOTAL		5148.5		1075.4		2008.8		308.9	186.7	120.5					46294.7					
Equation: Sta. 679+85.9 (BK) = Sta. 679+88.5 (AHD)													5% CONTINGENCY		1325.4		53.8		100.4		15.4	9.3	6.0				--						
Equation: Sta. 728+70 (BK) = Sta. 100+43.8 (AHD)													TOTAL		6473.9		1129.2		2109.2		324.3	196.0	126.5					46294.7					

SHOULDERS

- ① Lane(s) to which the shoulder is adjacent.
- ② See Typ. 7156, 7157, or 7158.
- ③ Bid Item.
- ④ Applies only for Paved Shoulders constructed on project with existing granular shoulders.
- ⑤ Bid Item. Typ. 7156, 7157, or 7158.
- ⑥ Does not include shrink.

Calculations assume a HMA unit weight (lbs/cf) of 0, a Special Backfill unit weight (lbs/cf) of 140, and a Granular Shoulder unit weight (lbs/cf) of 140.

Location				Quantities													Remarks																																
Road Identification	Direction OF Traffic	Station to Station		Side	P	P _{SG}	G	L	Class 13 ^④ Excavation	Hot Mix Asphalt		Binder	Paved Shoulder	" Paved Shoulder at Guardrail	Reinforced Paved Shoulder	Special Backfill				Subbase	Granular Shoulder		Earth Shoulder Construction Alternates																										
					Width	Width	Width	Length								CY ^③		TON	TON/STA		TONS	SY ^③	SY ^⑤	SY ^③	HMA Alternate		PCC Alternate		CY ^③	TON ^③	TON/STA	STA ^③	HMA CY ^⑥	PCC CY ^⑥															
					FT	FT ^②	FT	FT																	TON ^③	TON/STA	TON ^③	TON/STA							CY ^③	TON ^③	TON/STA												
US 34	EB	640+00.00	670+95.00	R			4.0	3095.0														325.0	10.500																										
"	WB	640+00.00	670+95.00	L			4.0	3095.0														325.0	10.500																										
"	EB	670+95.00	675+10.00	R			6.0	415.0														43.6	10.500																										
"	WB	670+95.00	675+10.00	L			6.0	415.0														43.6	10.500																										
"	EB	128+00.00	130+00.00	R			6.0	200.0														21.0	10.500																										
"	WB	128+00.00	130+00.00	L			6.0	200.0														21.0	10.500																										
																				SUBTOTAL																				779.1									
																																									117.0								
																																									896.1								
Equation: Sta. 679+85.9 (BK) = Sta. 679+88.5 (AHD)																																																	
Equation: Sta. 728+70 (BK) = Sta. 100+43.8 (AHD)																																																	

PAVEMENT MARKING LINE TYPES

See PM-110

*BCY4 - Place on the same side of the roadway to match existing markings near the project.

***MNY4 - Factor of 1.00 as value includes number of 4-inch passes to cover median nose area.

**NPY4 - For estimating purposes only. No Passing Zone Lines will be located in the field.

BCY4: Broken Centerline (Yellow) @ 0.25

DCY4: Double Centerline (Yellow) @ 2.00

NPY4: No Passing Zone Line (Yellow) @ 1.25

BLW4: Broken Lane Line (White) @ 0.25

ELW4: Edge Line Right (White) @ 1.00

ELY4: Edge Line Left (Yellow) @ 1.00

CHY8: Channelizing Line (Yellow) @ 2.00

SLW4: Solid Lane Line (White) @ 1.00

Road ID	Location			Marking Type	Side			Length by Line Type (Unfactored)												Remarks				
	Station to Station		Dir. of Travel		L	C	R	BCY4*	DCY4	NPY4**	BLW4	ELW4	ELY4	CHY8	SLW4									
								STA	STA	STA	STA	STA	STA	STA	STA	STA	STA	STA	STA		STA	STA	STA	STA
US 34	640+00.00	665+65.00	EB			X																		
"	665+65.00	672+10.00	EB		X								6.45											
"	672+10.00	679+85.00	EB		X																			
"	679+85.00	710+21.50	EB					X																
"	710+92.20	712+04.50	EB			X								1.12										
"	714+81.00	782+70.00	EB			X								67.89										
"	100+43.80	127+50.00	EB			X								27.06										
"	640+00.00	679+85.90	EB			X								39.86										
"	679+85.90	728+70.00	EB			X								48.84										
"	100+43.80	130+00.00	EB			X								29.56										
"	640+00.00	668+15.00	WB				X						28.15											
"	668+15.00	672+10.00	WB		X																			
"	672+10.00	679+85.00	WB		X																			
"	679+85.00	709+96.50	WB		X																			
"	709+96.50	711+96.80	BOTH		X								2.00											
"	712+90.70	714+07.20	WB		X																			
"	712+90.70	714+81.00	BOTH			X																		
"	714+81.00	782+70.00	WB		X									67.89										
"	100+43.80	127+50.00	WB		X									27.06										
"	127+50.00	130+00.00	BOTH			X																		
"	640+00.00	679+85.90	WB		X									39.86										
"	679+85.90	728+70.00	WB		X									48.84										
"	100+43.80	130+00.00	WB		X									29.56										
Factored Total: Waterborne/Solvent Paint							-	7.80	324.08	7.04	196.66	-	25.80	2.29	-	-	-	-	-	-	-	-	-	
Bid Quantity: Painted Pavement Markings, Waterborne or Solvent-Based										563.66														
Equation: Sta. 679+85.9 (BK) = Sta. 679+88.5 (AHD)																								
Equation: Sta. 728+70 (BK) = Sta. 100+43.8 (AHD)																								

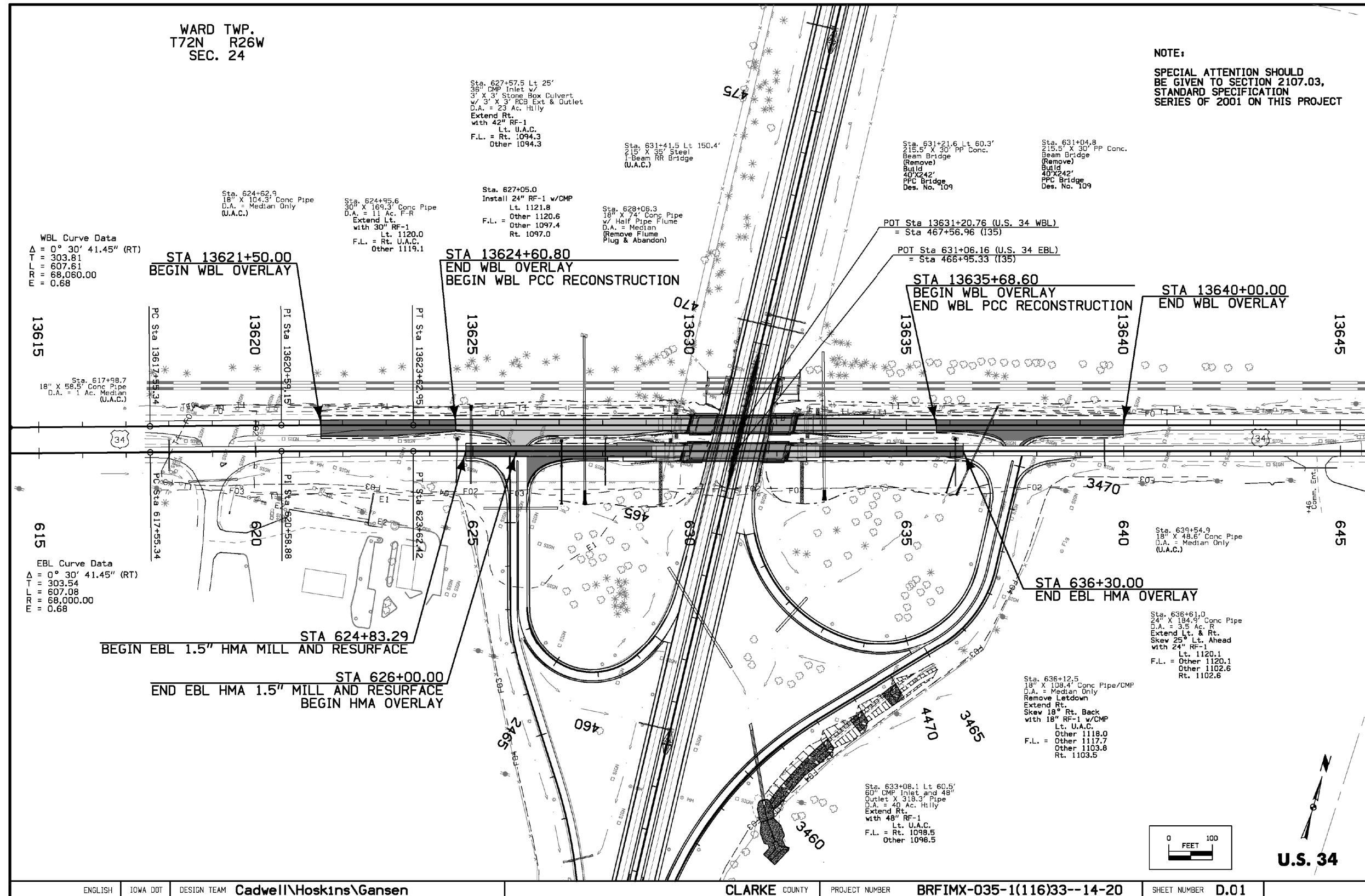
PAVEMENT MARKING SYMBOLS AND LEGENDS

Refer to PM-111

Road Identification	Location		↑	↶	↷	↶↷	↷↶	↶↷↶	↷↶↷	↑	↗	↘	⊗	♿	♿	SCHOOL	XING	STOP	AHEAD	ONLY	BIKE	LANE	EXIT	Groove Cuts	Remarks
	Station	Side																							
US 34	676+12.00																								
	to																								
	123+75.00																								
	Total																								
Equation: Sta. 679+85.9 (BK) = Sta. 679+88.5 (AHD)																									
Equation: Sta. 728+70 (BK) = Sta. 100+43.8 (AHD)																									

WARD TWP.
T72N R26W
SEC. 24

NOTE:
SPECIAL ATTENTION SHOULD
BE GIVEN TO SECTION 2107.03,
STANDARD SPECIFICATION
SERIES OF 2001 ON THIS PROJECT



ENGLISH	IOWA DOT	DESIGN TEAM	Cadwell\Hoskins\Gansen	CLARKE COUNTY	PROJECT NUMBER	BRFIMX-035-1(116)33--14-20	SHEET NUMBER	D.01
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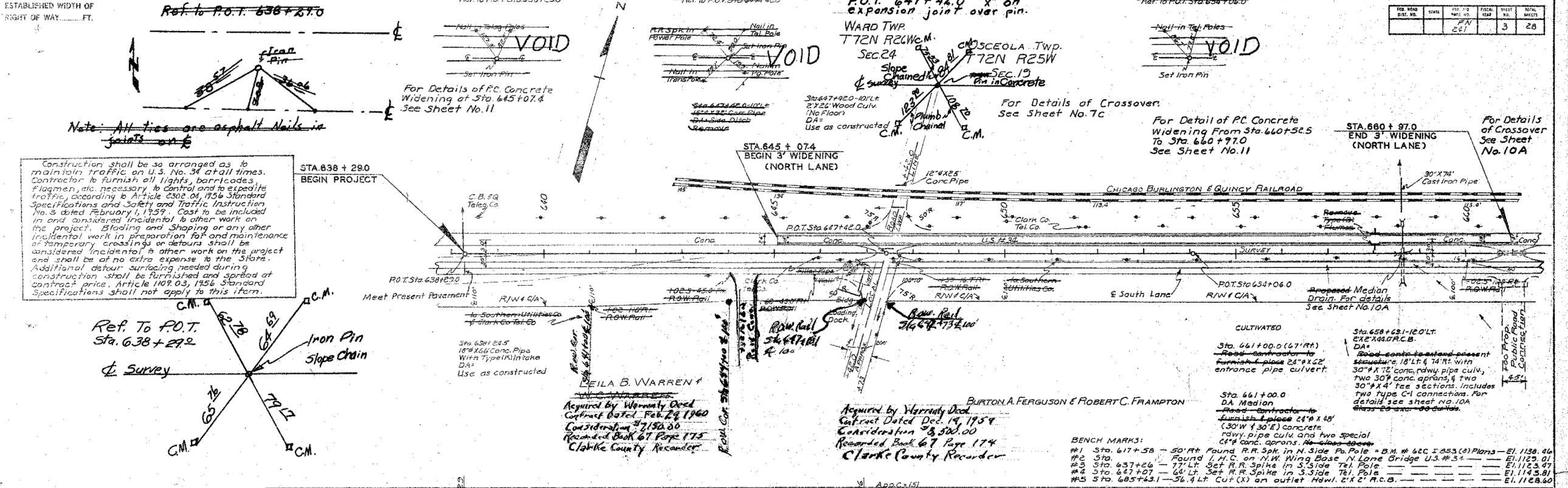
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This Sheet
For Information Only

FILE NO.	ENGLISH	DESIGN TEAM	HOLST \ BAHR \ JACKSON	CLARKE COUNTY	PROJECT NUMBER	NHSN-034-5(28)--2R-20	SHEET NUMBER	D.1
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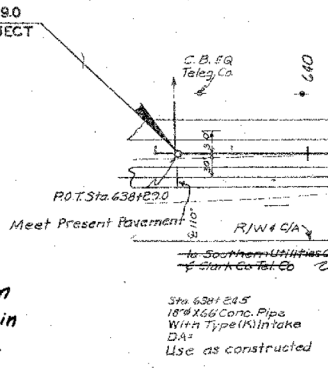
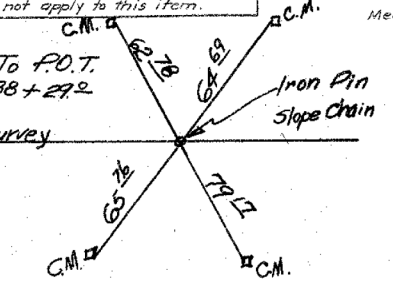
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ESTABLISHED WIDTH OF RIGHT OF WAY, FT.



Construction shall be so arranged as to maintain traffic on U.S. No. 34 at all times. Contractor to furnish all lights, barricades, flagmen, etc. necessary to control and expedite traffic, according to Article 2302.04, 1956 Standard Specifications and Safety and Traffic Instruction No. 3 dated February 1, 1959. Cost to be included in and considered incidental to other work on the project. Blading and Shaping or any other incidental work in preparation for and maintenance of temporary crossings or detours shall be considered incidental to other work on the project and shall be at no extra expense to the State. Additional detour surfacing needed during construction shall be furnished and spread at contract price. Article 1109.03, 1956 Standard Specifications shall not apply to this item.

Ref. To P.O.T. Sta. 638+29.2
Survey

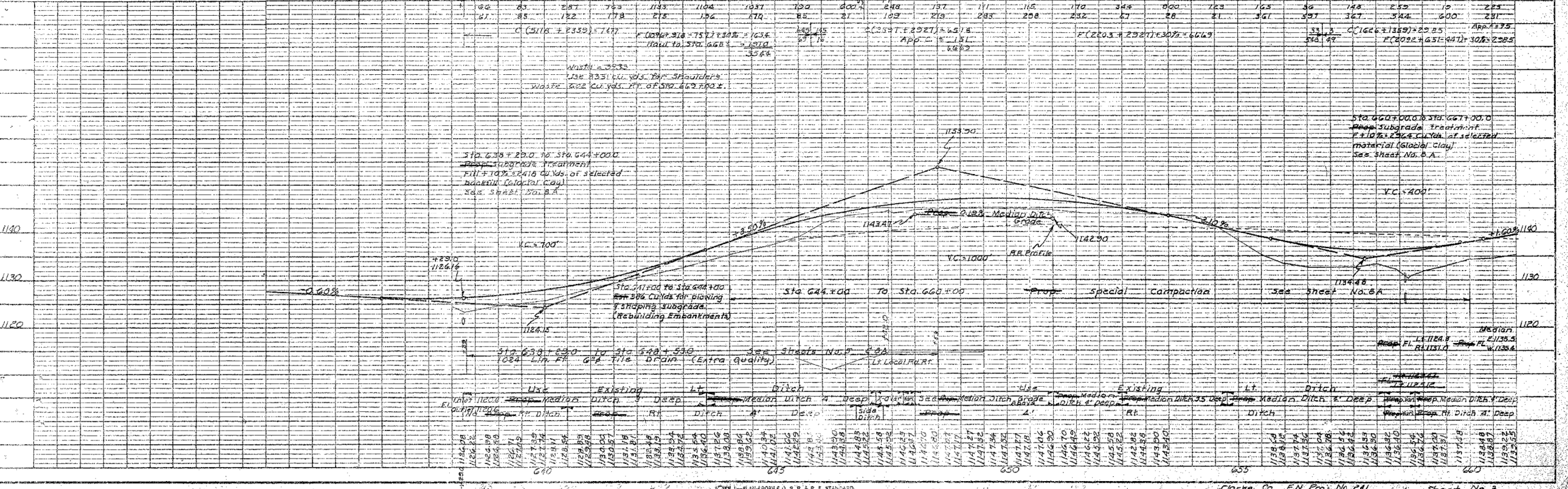


Acquired by Warranty Deed Contract Dated Feb. 29 1960 Consideration \$750.00 Recorded Book 67 Page 175 Clarke County Recorder

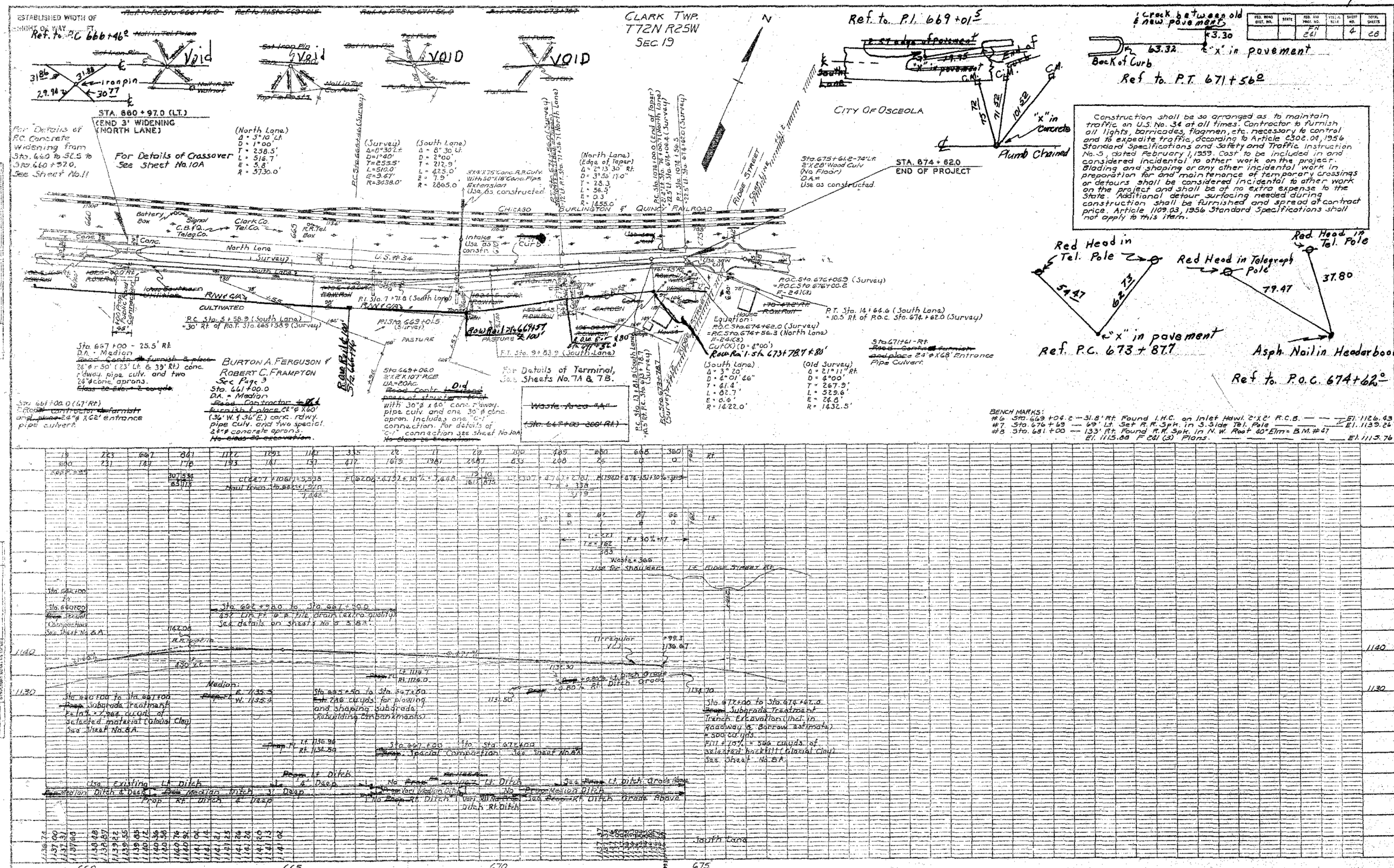
Acquired by Warranty Deed Contract Dated Dec. 19 1959 Consideration \$500.00 Recorded Book 67 Page 174 Clarke County Recorder

BENCH MARKS:

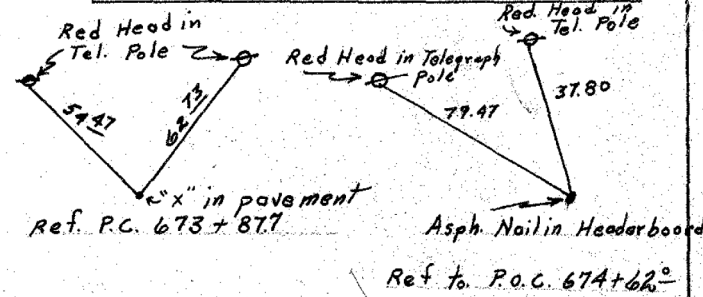
- #1 Sta. 617+58 - 50' Ft. Found R.R. Spk. in N. Side Pa. Pole = B.M. # 62C I 253 (2) Plans - El. 1138.46
- #2 Sta. 637+20 - 77' Lt. Set R.R. Spk. in S. Side Tel. Pole - El. 1129.01
- #3 Sta. 647+07 - 66' Lt. Set R.R. Spk. in S. Side Tel. Pole - El. 1123.97
- #4 Sta. 647+07 - 66' Lt. Set R.R. Spk. in S. Side Tel. Pole - El. 1123.97
- #5 Sta. 645+43.1 - 56' Lt. Cut (X) on outlet Haul. 2'x2' R.C.B. - El. 1128.60



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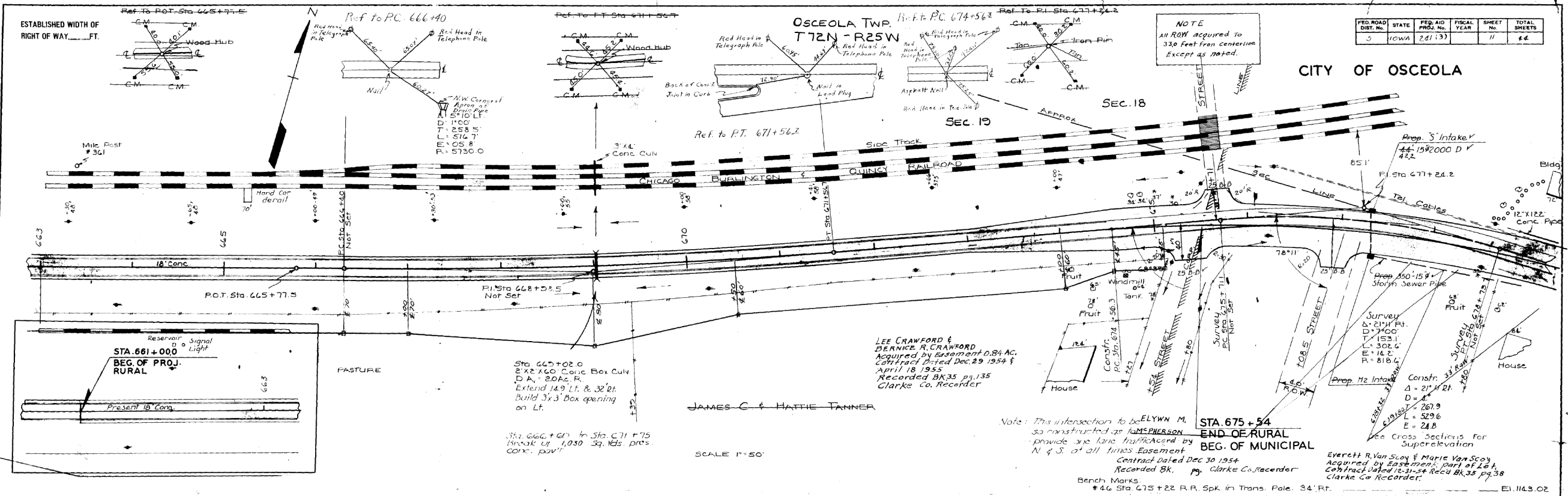


Construction shall be so arranged as to maintain traffic on U.S. No. 34 at all times. Contractor to furnish all lights, barricades, flagmen, etc. necessary to control and expedite traffic, according to Article 6302.04, 1956 Standard Specifications and Safety and Traffic Instruction No. 5, dated February 1, 1959. Cost to be included in and considered incidental to other work on the project. Blading and shaping or any other incidental work in preparation for and maintenance of temporary crossings or detours shall be considered incidental to other work on the project and shall be of no extra expense to the State. Additional detour surfacing needed during construction shall be furnished and spread at contract price. Article 1109.03, 1956 Standard Specifications shall not apply to this item.



STATION	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																																								
660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800

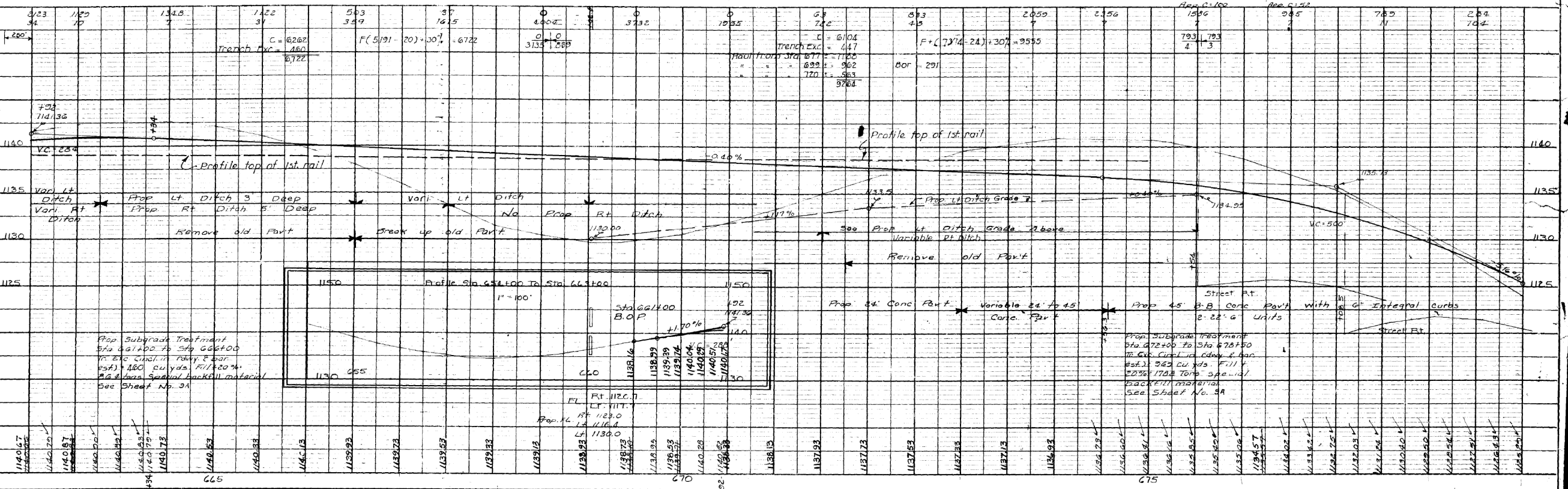
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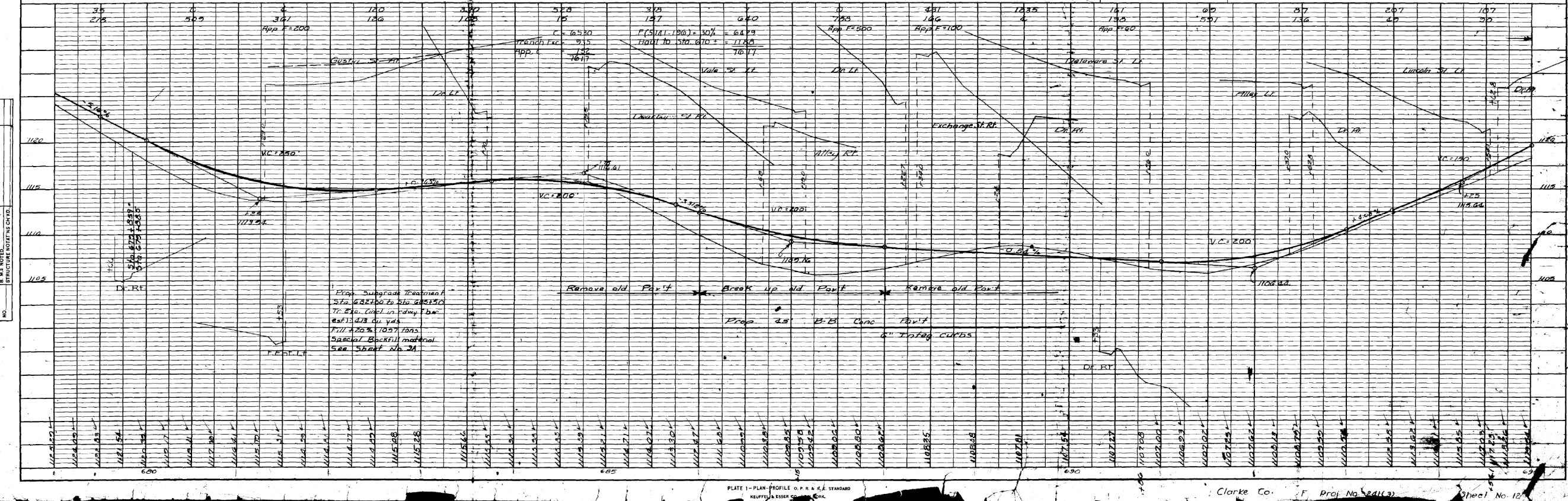
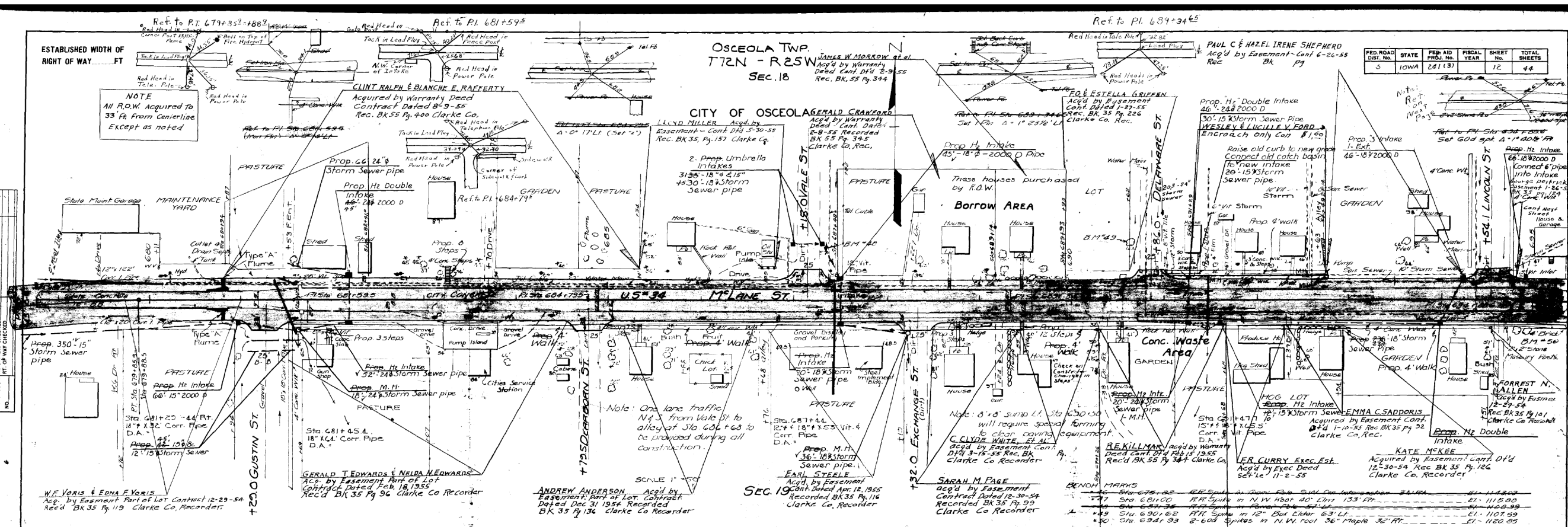
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IOWA	281(3)		11	46

DATE	BY	REVISION
		DESIGNED
		PLANNED
		ALIGNED CHECKED
		PT. OF WAY CHECKED

DATE	BY	REVISION
		GRADES CHECKED
		STRUCTURE MATERIALS ORDERED



This Sheet
For Information Only



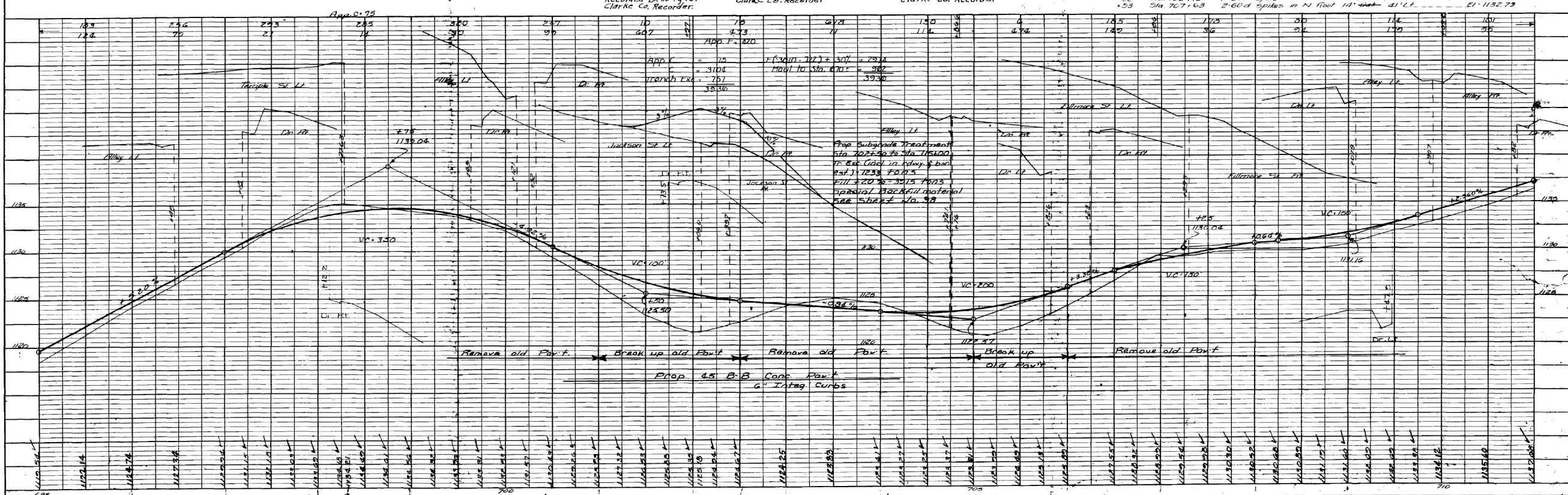
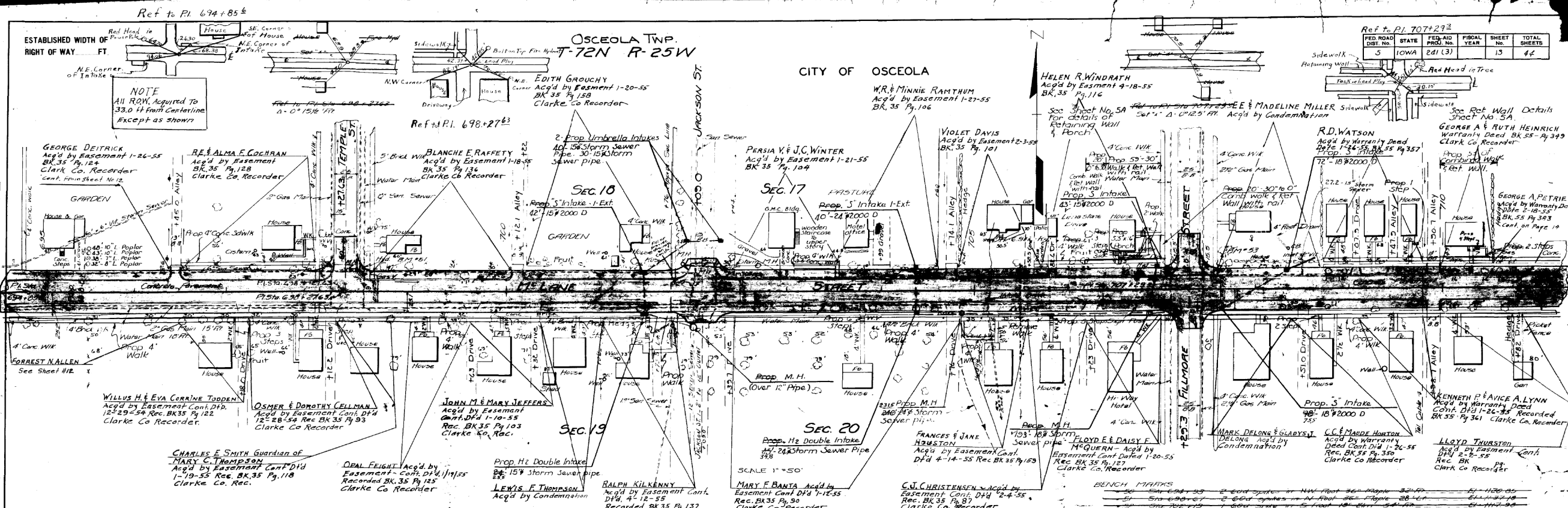
DATE	BY	REVISION

DATE	BY	REVISION

ESTABLISHED WIDTH OF RIGHT OF WAY FT

NOTE: All R.O.W. Acquired to 33 Ft from Centerline Except as noted

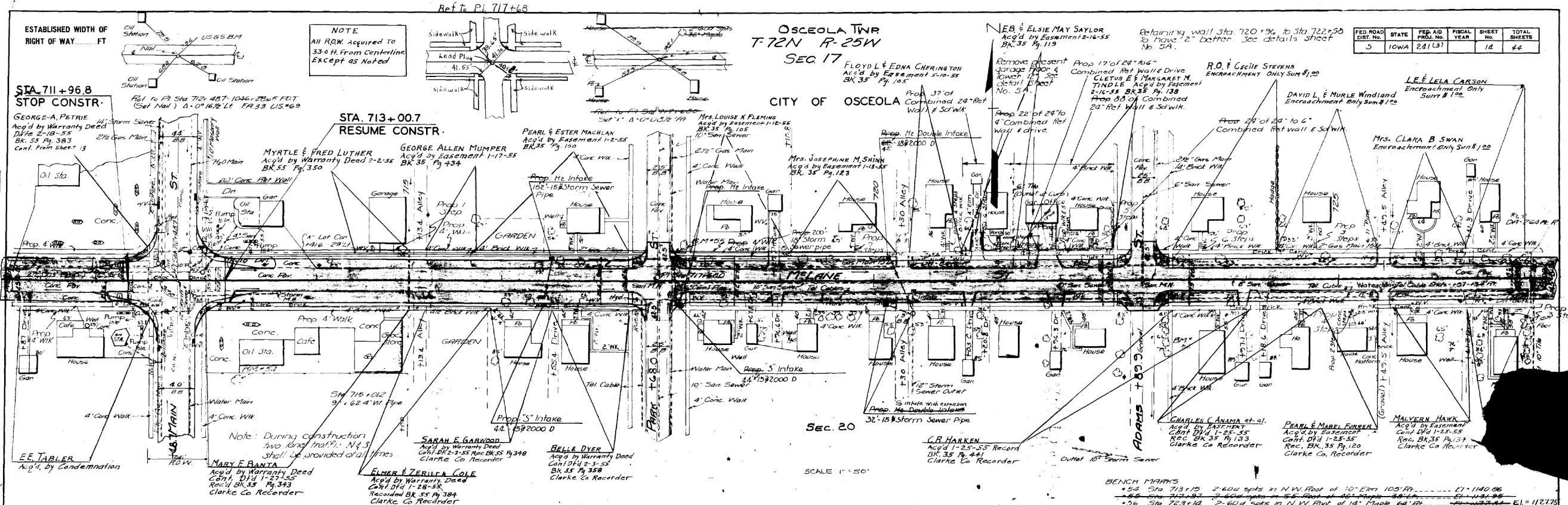
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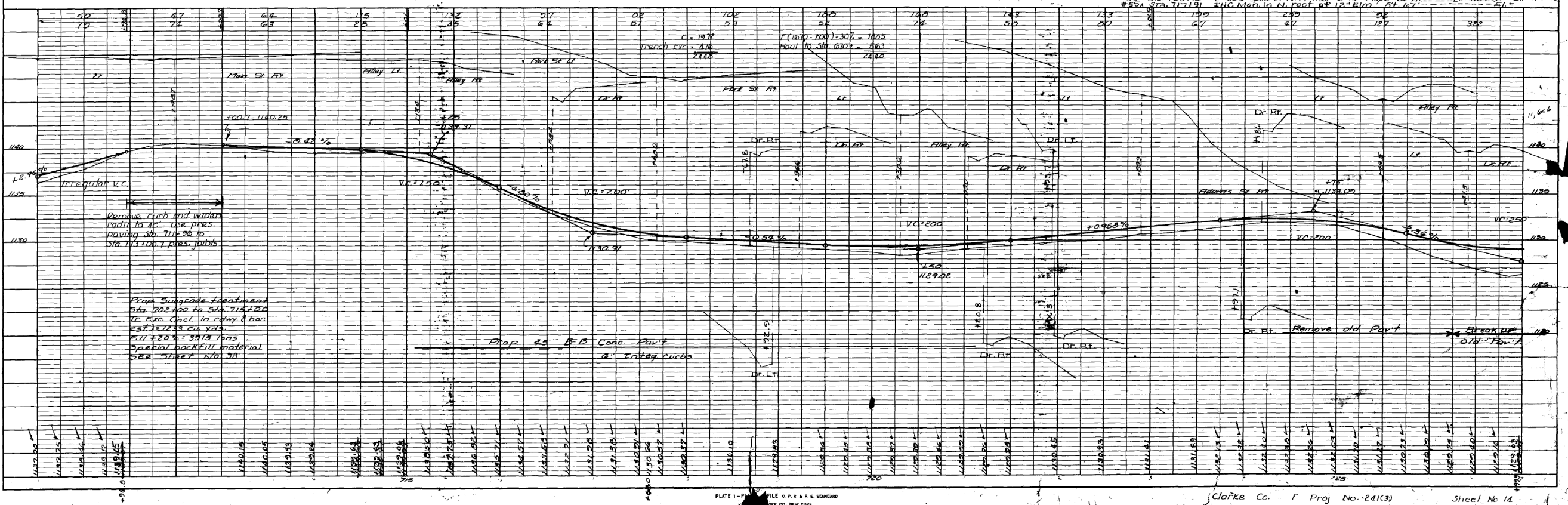
PLAN
 DATE: _____
 BY: _____
 CHECKED: _____
 NOTE BOOK ALIGNMENT CHECKED
 STRUCTURE NOTING CHECKED

PROFILE
 DATE: _____
 BY: _____
 CHECKED: _____
 NOTE BOOK GRADES CHECKED
 STRUCTURE NOTING CHECKED

This Sheet
 For Information Only



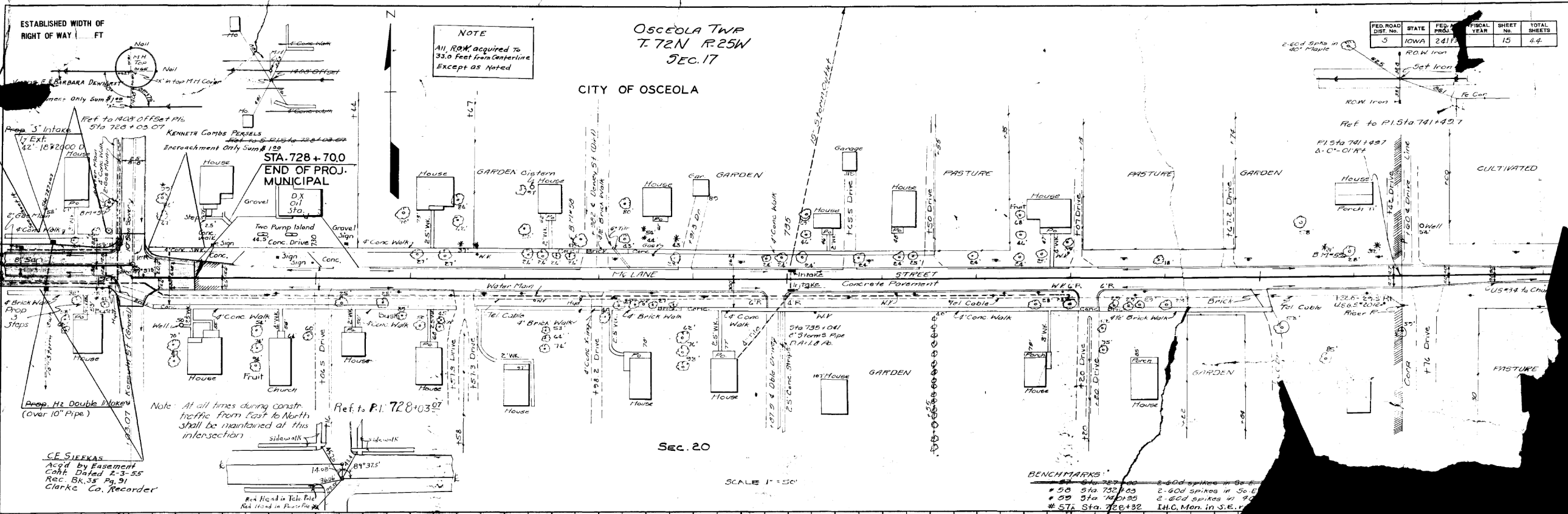
FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IOWA	281(3)		14	44



DATE	BY	DESCRIPTION
		PLAN
		REVISIONS
		NOTED
		PLANNING
		ENGINEERING
		CONSTRUCTION

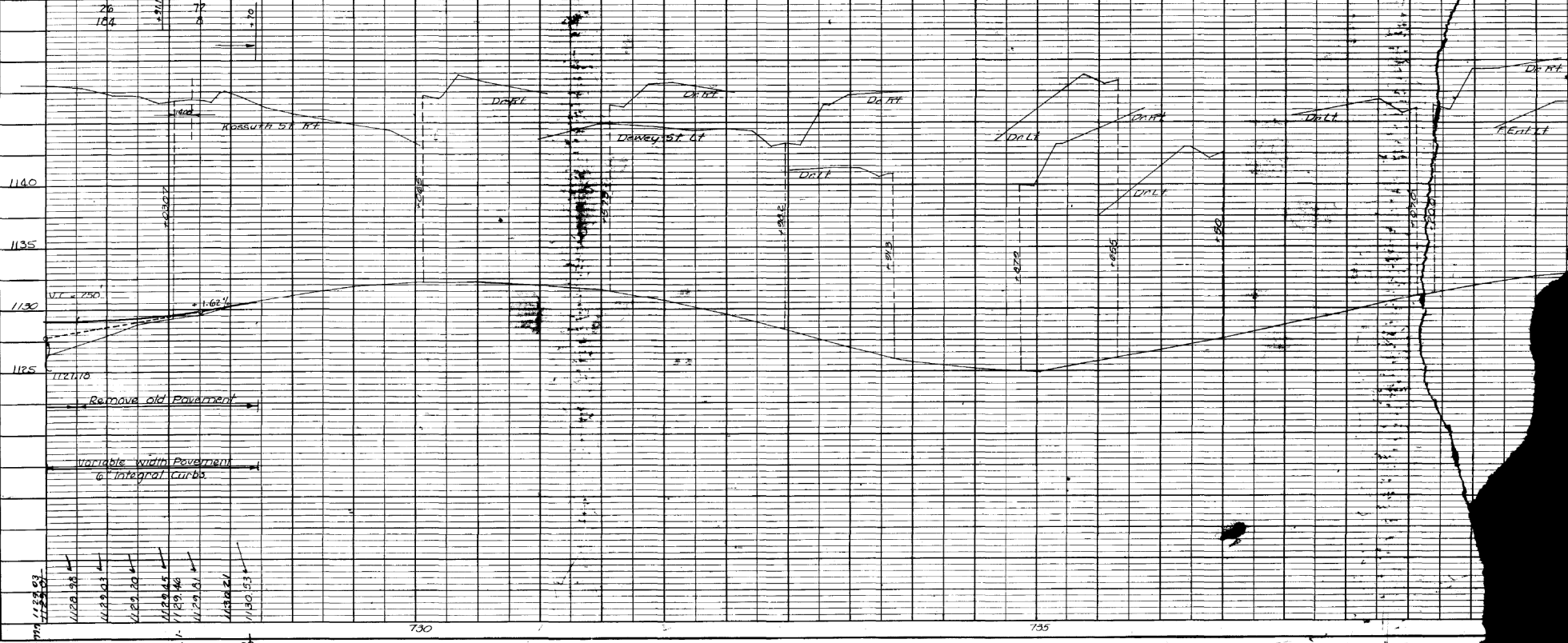
DATE	BY	DESCRIPTION
		PROFILE
		REVISIONS
		NOTED
		PLANNING
		ENGINEERING
		CONSTRUCTION

This Sheet
For Information Only



FED. ROAD DIST. NO.	STATE	FED. PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
5	IOWA	2411		15	44

- BENCHMARKS**
- # 50 Sta 732+03 2-60d spikes in S.E.
 - # 59 Sta 741+30 2-60d spikes in 90
 - # 57 Sta 728+32 I.H.C. Man. in S.E.



PLAN

DATE	
BY	
CHECKED	
NO.	

NOTE: BOOK NO. OF PLAN CHECKED

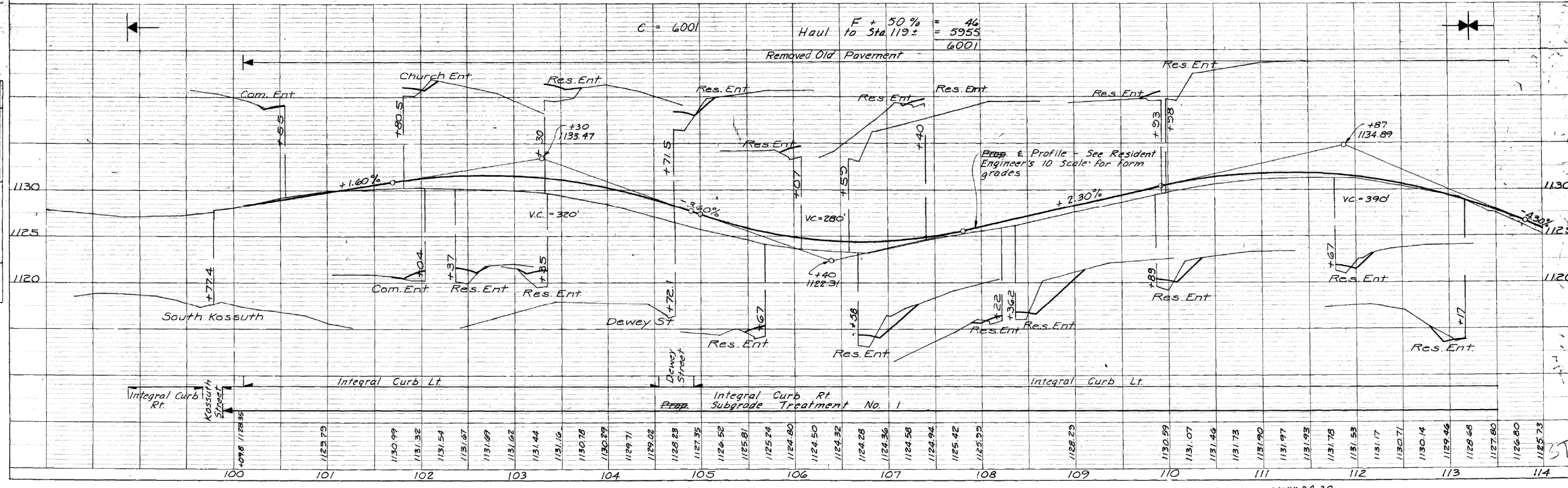
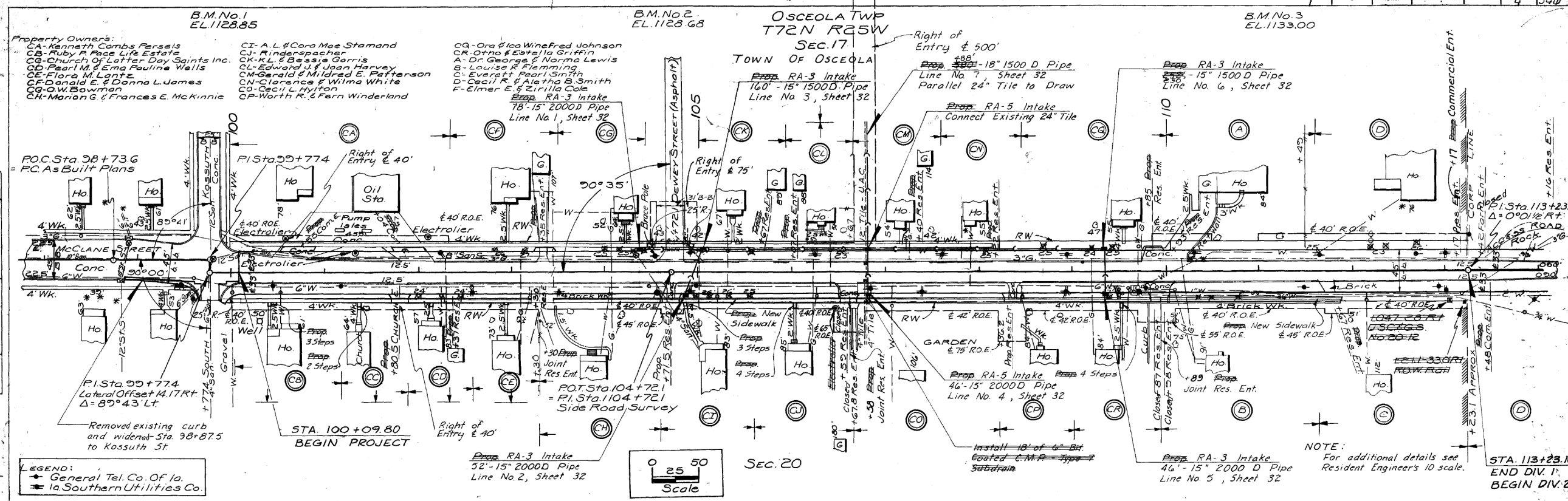
PROFILE

DATE	
BY	
CHECKED	
NO.	

NOTE: BOOK NO. OF PROFILE CHECKED

This Sheet
For Information Only

Project Number F241 (3)



This Sheet
 For Information Only

Property Owners:
 A-D: George E. & Norma Lewis
 B: Louise K. Fleming
 C: Everett Pearl Smith & Lola Alma Smith
 D: Cecil R. & Aletha B. Smith
 E: Dean & Pauline Hill
 F: Elmer & Ziri/11a Cole
 G: Con R. Harken
 H: Glen E. & Maurine Moore
 I: Ralph & Veda Johnson
 J: Earl & Nona G. Steele
 K: Ross E. & Lena F. See
 L: Duane & Evelyn Knight
 M: Edna Davenport
 N: Donald & Diane R. Ramsey
 O: Evelyn Hukill

TOWN OF OSCEOLA

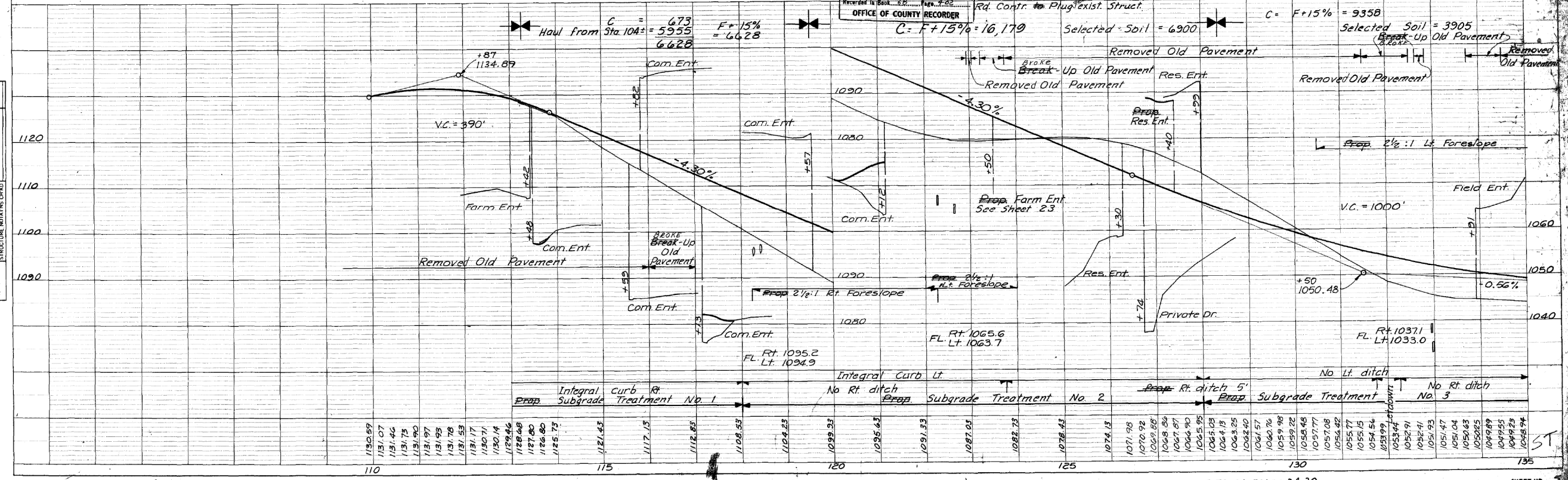
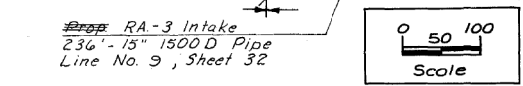
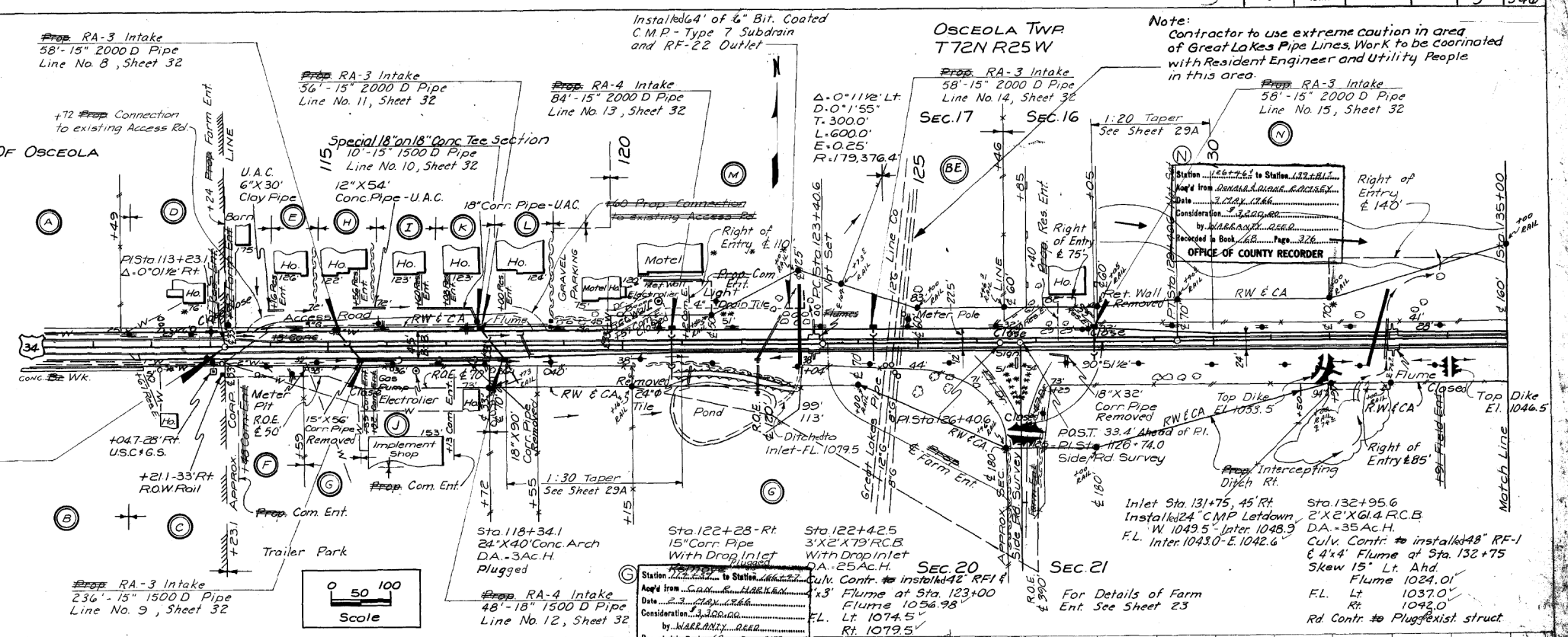
OSCEOLA TWP
 T72N R25W

Note:
 Contractor to use extreme caution in area
 of Great Lakes Pipe Lines. Work to be coordinated
 with Resident Engineer and Utility People
 in this area.

Station 113+23.10 to Station 113+23.10
 Angle from 66°43'12" to 113+23.10
 Date 2/27/2020
 Consideration \$300.00
 by WARRANTY REGD
 Recorded in Book 68, Page 325
 OFFICE OF COUNTY RECORDER

Station 113+23.10 to Station 113+23.10
 Angle from 66°43'12" to 113+23.10
 Date 2/27/2020
 Consideration \$300.00
 by WARRANTY REGD
 Recorded in Book 68, Page 325
 OFFICE OF COUNTY RECORDER

LEGEND:
 ● General Tel. Co. of Ia.
 ● Ia. Southern Utilities Co.



DATE: _____
 BY: _____
 CHECKED: _____
 DATE: _____

DATE: _____
 BY: _____
 CHECKED: _____
 DATE: _____

This Sheet
 For Information Only

108-23A 08-01-08
TRAFFIC CONTROL PLAN
1. Through traffic shall be maintained at all times. 2. Access to all properties shall be maintained at all times.

111-01 04-17-12								
COORDINATED OPERATIONS								
Other work in progress during the same period of time will include the construction of the projects listed. Coordinate operations with those of other contractors working within the same area.								
<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%;">Project</th> <th style="width: 50%;">Type of Work</th> </tr> </thead> <tbody> <tr> <td>None anticipated</td> <td></td> </tr> <tr> <td></td> <td></td> </tr> <tr> <td></td> <td></td> </tr> </tbody> </table>	Project	Type of Work	None anticipated					
Project	Type of Work							
None anticipated								

108-25 10-21-14	511 TRAVEL RESTRICTIONS
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Route	Direction	County	Location Description	Feature Crossed	Object Type	Maint. Bridge No., Structure ID, or FHWA No.	Type of Restriction	Existing Measurement	Construction Measurement	Construction Measurement as Signed	Projected As Built Measurement	Remarks
			No restrictions anticipated.									