

AUDUBON COUNTY

PCC SIDEWALK/TRAIL
NHSN-071-4(059)--2R-05

LETTING DATE
Dec 17, 2024



| MILEAGE SUMMARY | | | |
|-------------------------|-------------------------------------------|----------|----------|
| | | 105-1 | 09-27-94 |
| Div. | Location | Lin. Ft. | Miles |
| 1 | US 71 Sta. 830+81.77 to Sta. 858+90.70 | 2,808.93 | 0.532 |
| Total Length of Project | | 2,808.93 | 0.532 |

PLANS OF PROPOSED IMPROVEMENT ON THE
PRIMARY ROAD SYSTEM
AUDUBON COUNTY
PCC SIDEWALK/TRAIL
In the City of Audubon (ADA - District 4)

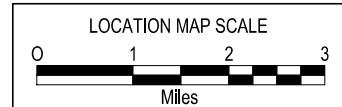
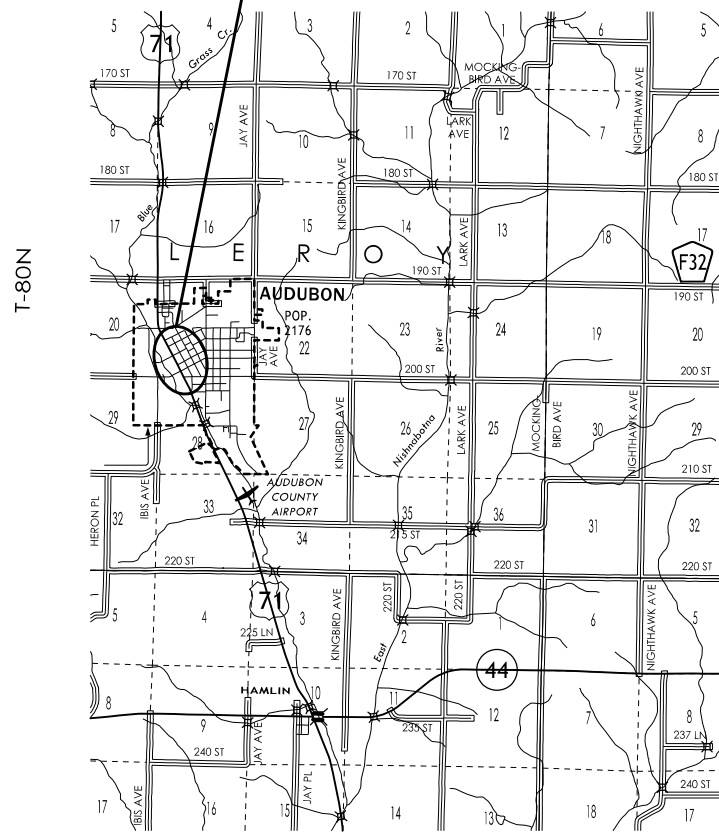
SCALES: As Noted

Refer to the Proposal Form for list of applicable specifications.

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



PROJECT LOCATION
(Refer to Sheet A.2 for detail)



| DESIGN DATA URBAN | | | |
|-------------------|--------------------|------|--------|
| 20 16 | AADT | 4400 | V.P.D. |
| 20 45 | AADT | | V.P.D. |
| 20 16 | DHV | 440 | V.P.H. |
| | TRUCKS | 14 | % |
| | Total Design ESALs | -- | |

| INDEX OF SEALS | | |
|----------------|-----------------------|-------------------------|
| SHEET NO. | NAME | TYPE |
| A.1 | Brian T. Higginbotham | Primary Signature Block |
| | | |
| | | |
| | | |
| | | |

PRELIMINARY PLANS

Subject to change by final design.

D5 PLAN-Date: 02/27/24

| 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 - 5 | Typical Cross Sections and Details |
| C Sheets | Quantities and General Information |
| C.1 | Project Description |
| C.2 | General Notes |
| D Sheets | Mainline Plan and Profile Sheets |
| D.1 | Plan & Profile Legend & Symbol Information Sheet |
| D.2 - 6 | US 71 |
| G Sheets | Survey Sheets |
| G.1 | Reference Ties and Bench Marks |
| G.2 | Horizontal Control Tab. & Super for all Alignments |
| H Sheets | Right-of-Way Sheets |
| H.1 - 5 | US 71 |
| J Sheets | Traffic Control and Staging Sheets |
| J.1 | Traffic Control Plan |
| J.2 | Staging Notes |
| R Sheets | Borrow Sheets |
| RR.1 | Erosion Control Legend and Symbol Information Sheet |
| RR.2 - 6 | Drainage Basin and Erosion Control Device Maps |
| S Sheets | Sidewalk Sheets |
| S .1 | Sidewalk Legend & Symbol Information Sheet |
| S .2 - 11 | Sidewalk Plan Sheets |
| U Sheets | 500 Series, Mod.Stds. and Detail Sheets |
| U.1 - 2 | 500 Series, Modified Standards and Detail Sheets |
| | * Color Plan Sheets |

REVISIONS

TOTAL

43

PROJECT IDENTIFICATION NUMBER

23-05-071-010

PROJECT NUMBER

NHSN-071-4(059)--2R-05

R.O.W. PROJECT NUMBER

NHSN-071-4(060)--2R-05

T-80N

END PROJECT
END CONSTRUCTION
STA. 858+85.87

20

22

START PROJECT
BEGIN CONSTRUCTION
STA. 830+81.77

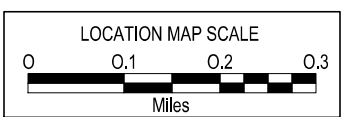
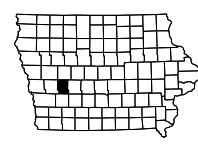
29

71

27

28

R-35W



SURVEY SYMBOLS

- Interstate Highway Symbol
- U.S. Highway Symbol
- Iowa Highway Symbol
- County Road Highway Symbol
- Evergreen Tree
- Deciduous Tree
- Fruit Tree
- Shrub (Bushes)
- Timber
- Hedge
- Stump
- Swamp
- Rock Outcrop
- Broken Concrete
- Revetment (Rip Rap)
- Cemetery
- Grave
- Cave
- Sink Hole
- Board Fence
- Chain Link or Security Fence
- Wire Fence
- Terrace
- Earth Dam or Dike (Existing)
- Tile Outlet
- Edge of Water
- Existing Drainage
- Right of Way Rail or Lot Corner
- Concrete Monument
- Well
- Windmill
- Beehive Intake
- Existing Intake
- Existing Utility Access (Manhole)
- Fire Hydrant
- Water Hydrant (Rural)
- Septic Tank
- Cistern
- L.P. Gas Tank (No Footing)
- Underground Storage Tank
- Latrine
- Satellite TV Dish
- Water Hook Up
- Radio Tower
- Tower Anchor
- Guardrail (Beam or Cable)
- Guard Post (one or two)
- Guard Post (over two)
- Filler Pipe
- Gas Valve
- Water Valve
- Speed Limit Sign
- Mile Marker Post
- Sign
- Traffic Signal Control Box
- Rail Road Signal Control Box
- Telephone Switch Box
- Electric Box

UTILITY LEGEND

CENTURY LINK
Centralized Email Distribution
(918) 547-0147
ctl-rdmv-ia@lumen.com

AUREON NETWORK SERVICES
Jeff Klocko
(515) 830-0445
jeff.klocko@aureon.com

MIDAMERICAN-ELEC
Glen Nobiling
(712) 792-7045
ggnobiling@midamerican.com

MIDAMERICAN-GAS
Glen Nobiling
(712) 792-7045
ggnobiling@midamerican.com

MIDAMERICAN-FIBER
Telecom On Call
(515) 281-2313
telecomoncall@midamerican.com

MEDIACOM CABLE
Tim Adreon
(515) 451-8404
tadreon@mediacomcc.com

CITY OF AUDUBON
Tyler Thygesen
(712) 304-2512
publicworks@cityofauduboniowa.com

WINDSTREAM COMMUNICATIONS
Locate Desk
(800) 289-1901
LOCATE.DESK@WINDSTREAM.COM

- F0 - Aureon Fiber Optic QLD
- F02 - MidAmerican Energy Fiber Optic QLD
- F03 - MFS / Adesta Fiber Optic QLD
- F04 - Windstream Fiber Optic QLD

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. |
| Lavender | (9) | Temporary Pavement Shading |
| Yellow | (4) | Proposed Pavement Shading |
| Orange | (6) | Proposed Granular Shading |
| Orange | (70) | Proposed Shoulder Granular Shading |
| Yellow | (68) | Proposed Shoulder Paved Full Depth Shading |
| Yellow | (132) | Proposed Shoulder Paved Partial Depth Shading |
| Gray, Dark | (112) | Proposed Grade and Pave Shading "In conjunction with a paving project" |
| Brown, Light | (236) | Grading Shading |
| Orange, Light | (134) | Proposed Granular Entrance Shading |
| Yellow | (220) | Proposed Paved Entrance Shading |
| Tan | (8) | Proposed Sidewalk Shading |
| Blue, Light | (230) | Proposed Sidewalk Landing Shading |
| Pink | (11) | Proposed Sidewalk Ramp Shading |
| Green, Light | (225) | Existing Pavement Shading |
| Red | (3) | Proposed Structure Shading |
| Red | (3) | Delineates Restricted Areas |

PROFILE VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS

| LINEWORK | | Design Color No. |
|-------------|-------|---------------------------------|
| Green | (10) | 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 |

- Reference Point
- Station
- Section Corner
- Ground Line Intercept
- Saw Cut
- Guardrail
- Trench Drain
- HighTension Cable Guardrail
- Sheet Pile
- Pavement Removal
- Clearing & Grubbing Area

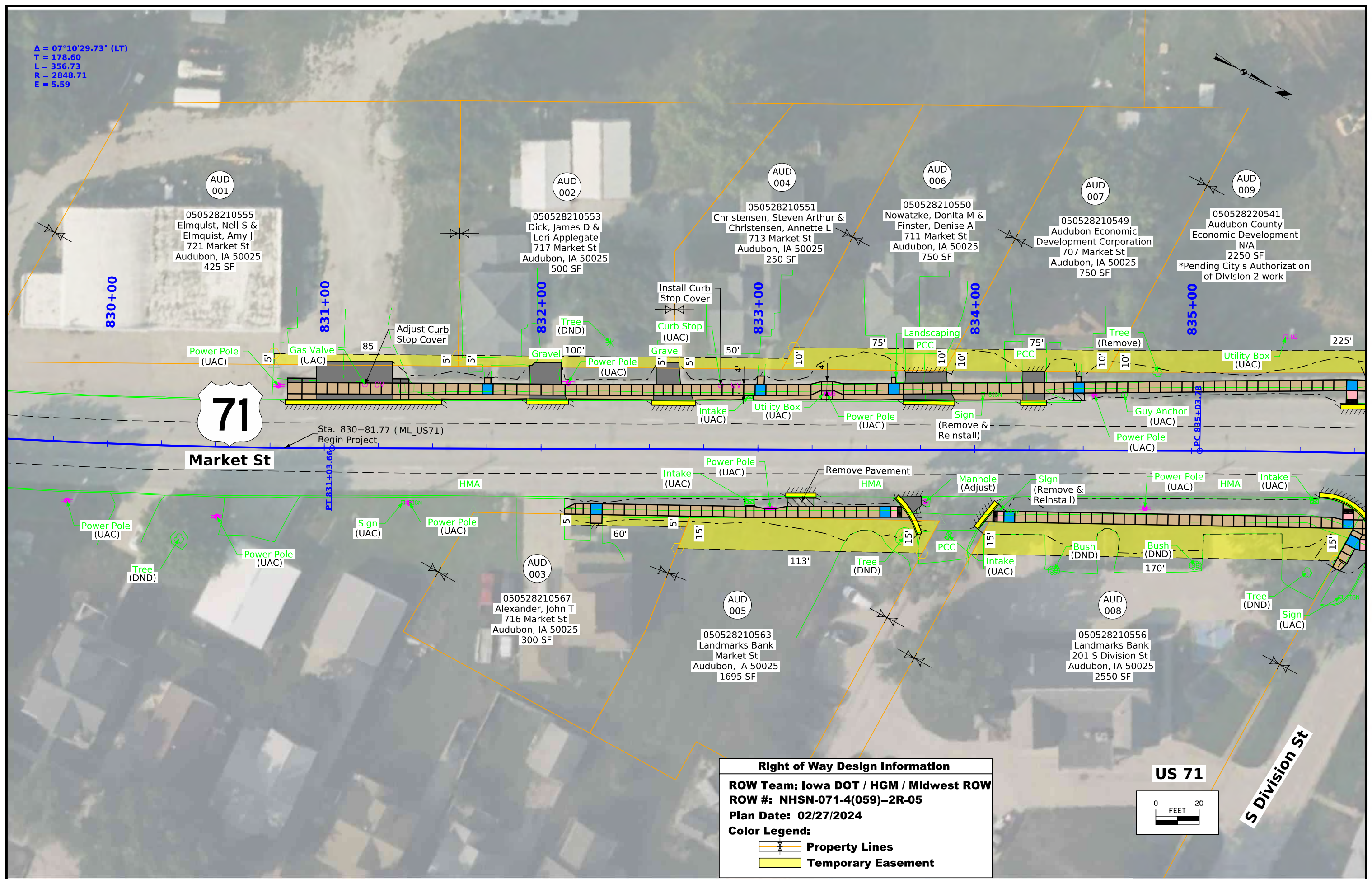
RIGHT-OF-WAY LEGEND

- Proposed Right-of-Way
- Existing Right of Way
- Existing and Proposed Right-of-Way
- Easement and Existing Right-of-Way
- Easement (Temporary)
- Easement
- Access Control
- Property Line

PLAN AND PROFILE LEGEND AND SYMBOL INFORMATION SHEET

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

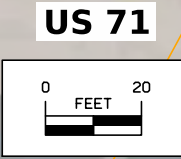
Δ = 07°10'29.73" (LT)
 T = 178.60
 L = 356.73
 R = 2848.71
 E = 5.59



Market St

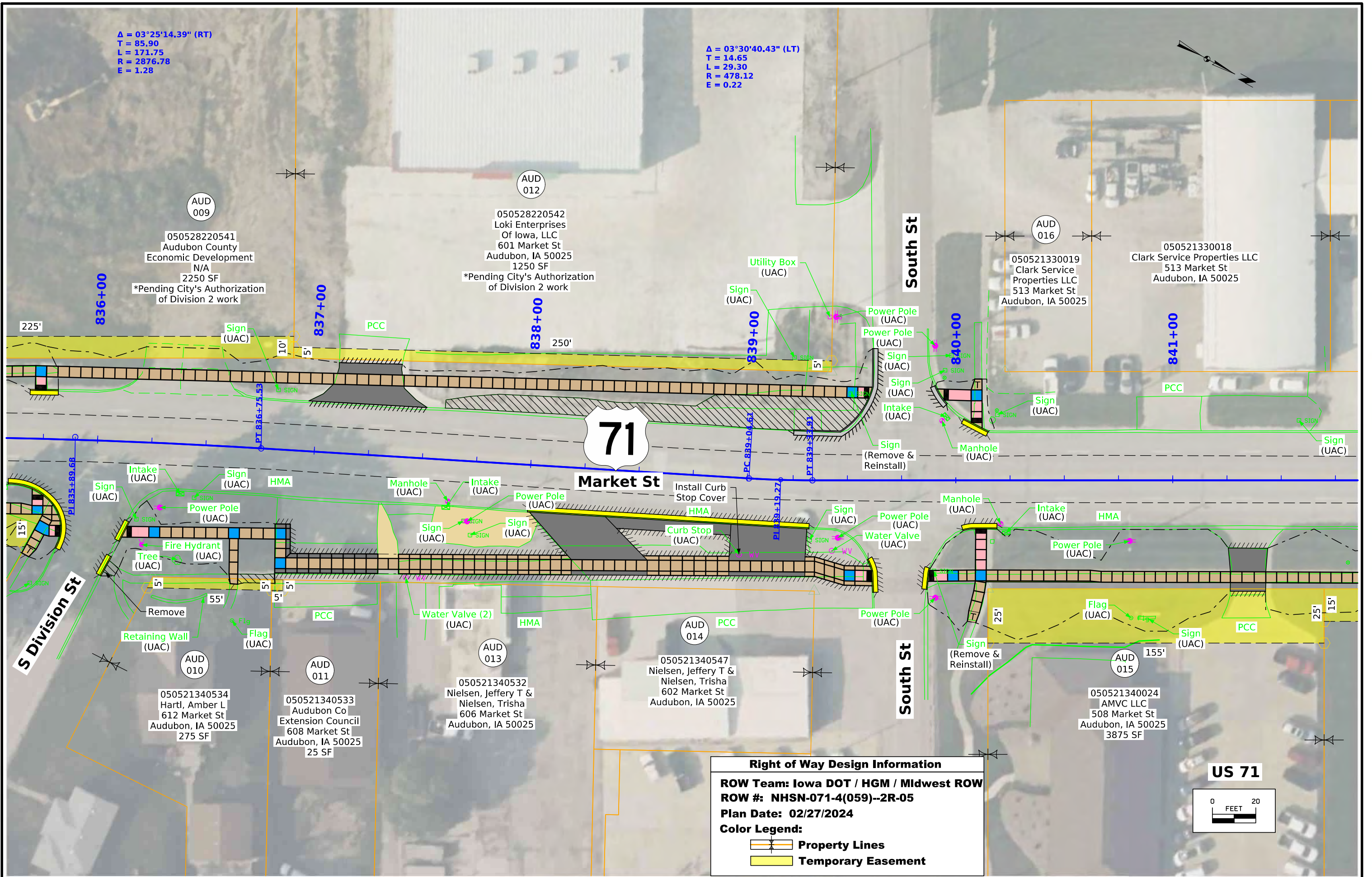
S Division St

Right of Way Design Information
 ROW Team: Iowa DOT / HGM / Midwest ROW
 ROW #: NHSN-071-4(059)--2R-05
 Plan Date: 02/27/2024
 Color Legend:
 - Property Lines
 - Temporary Easement

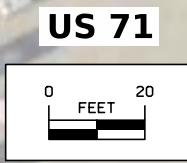


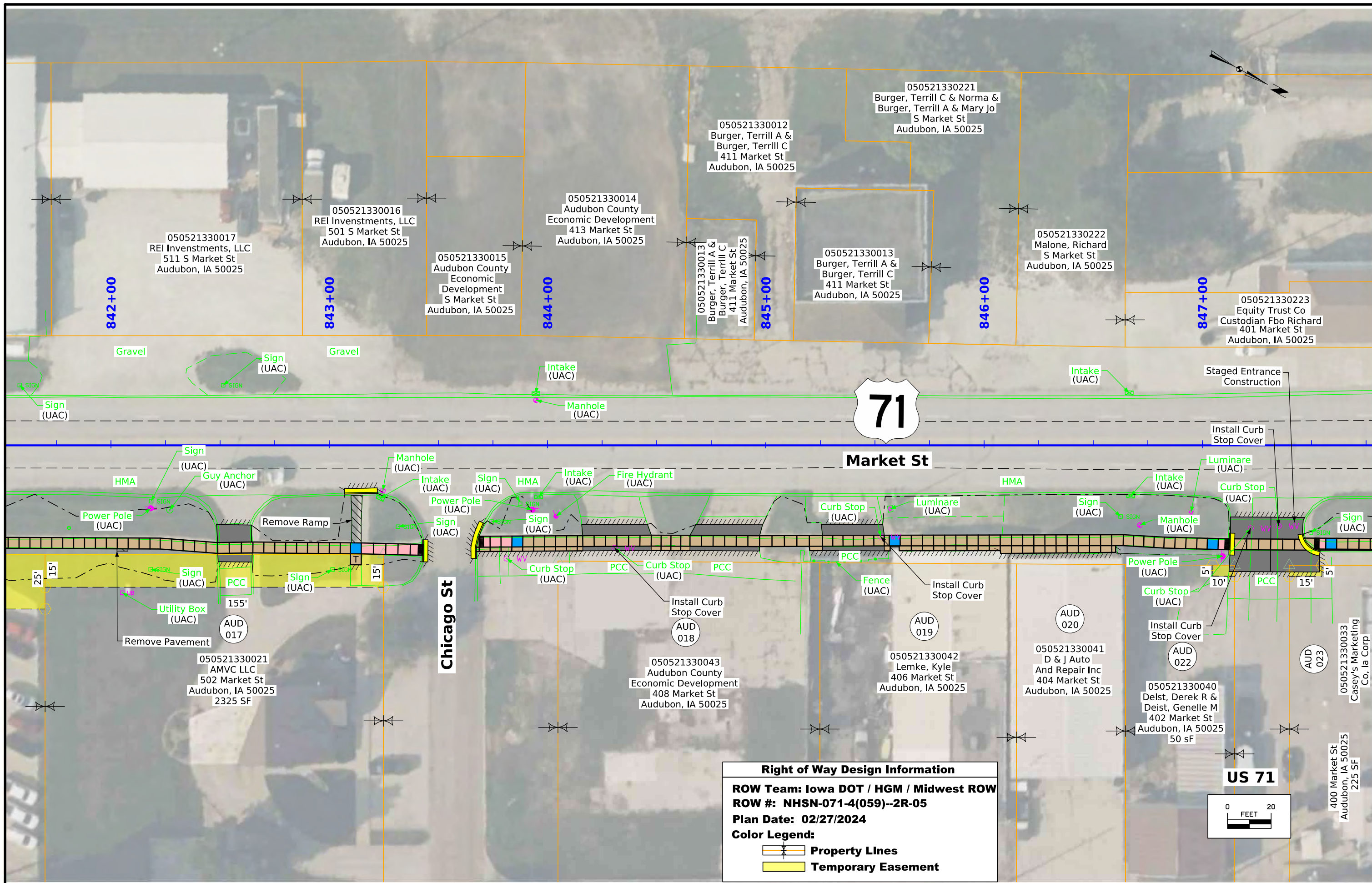
Δ = 03°25'14.39" (RT)
 T = 85.90
 L = 171.75
 R = 2876.78
 E = 1.28

Δ = 03°30'40.43" (LT)
 T = 14.65
 L = 29.30
 R = 478.12
 E = 0.22

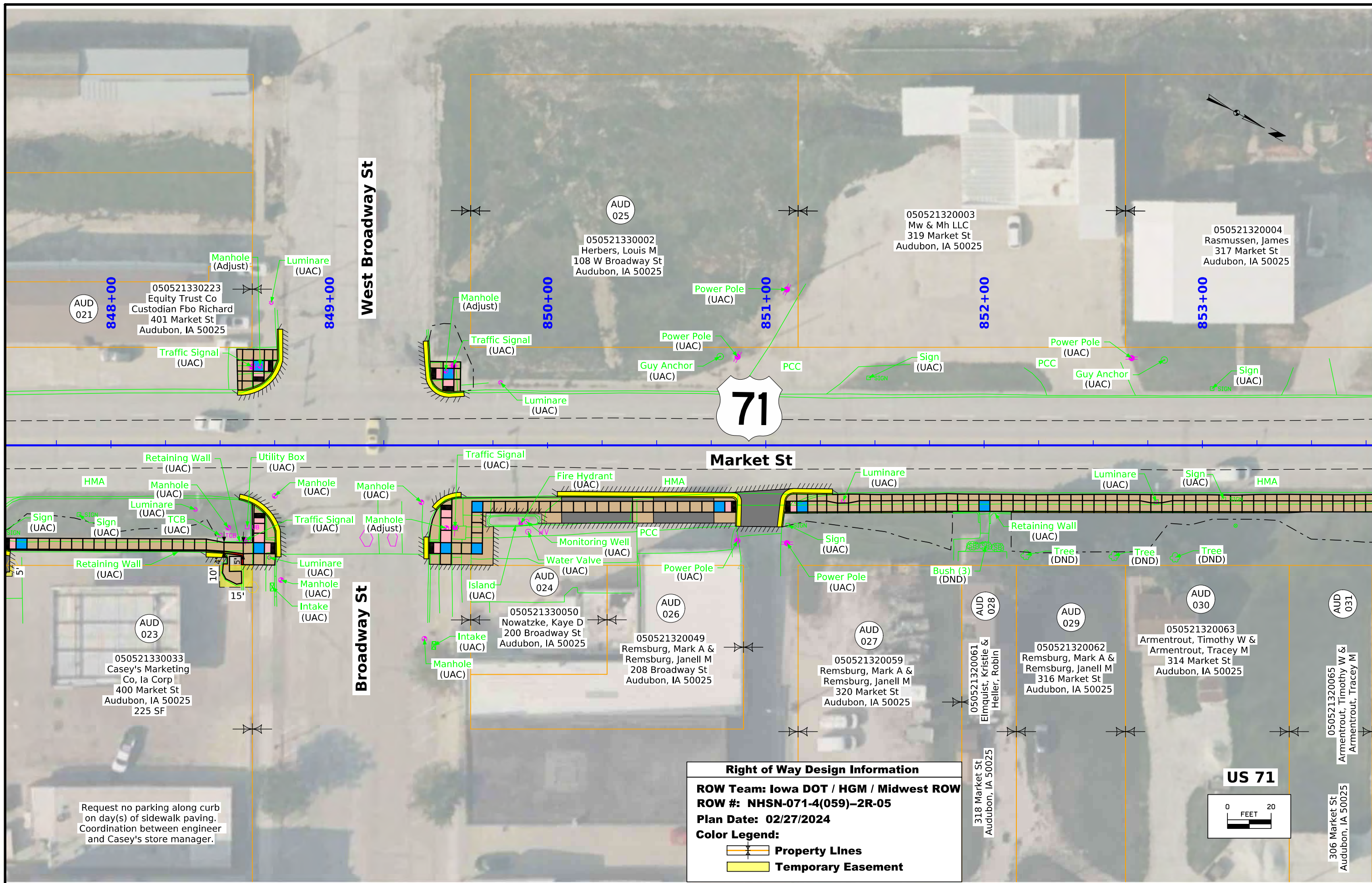


Right of Way Design Information
ROW Team: Iowa DOT / HGM / Midwest ROW
ROW #: NHSN-071-4(059)--2R-05
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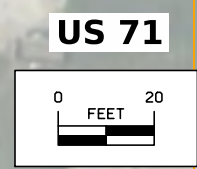


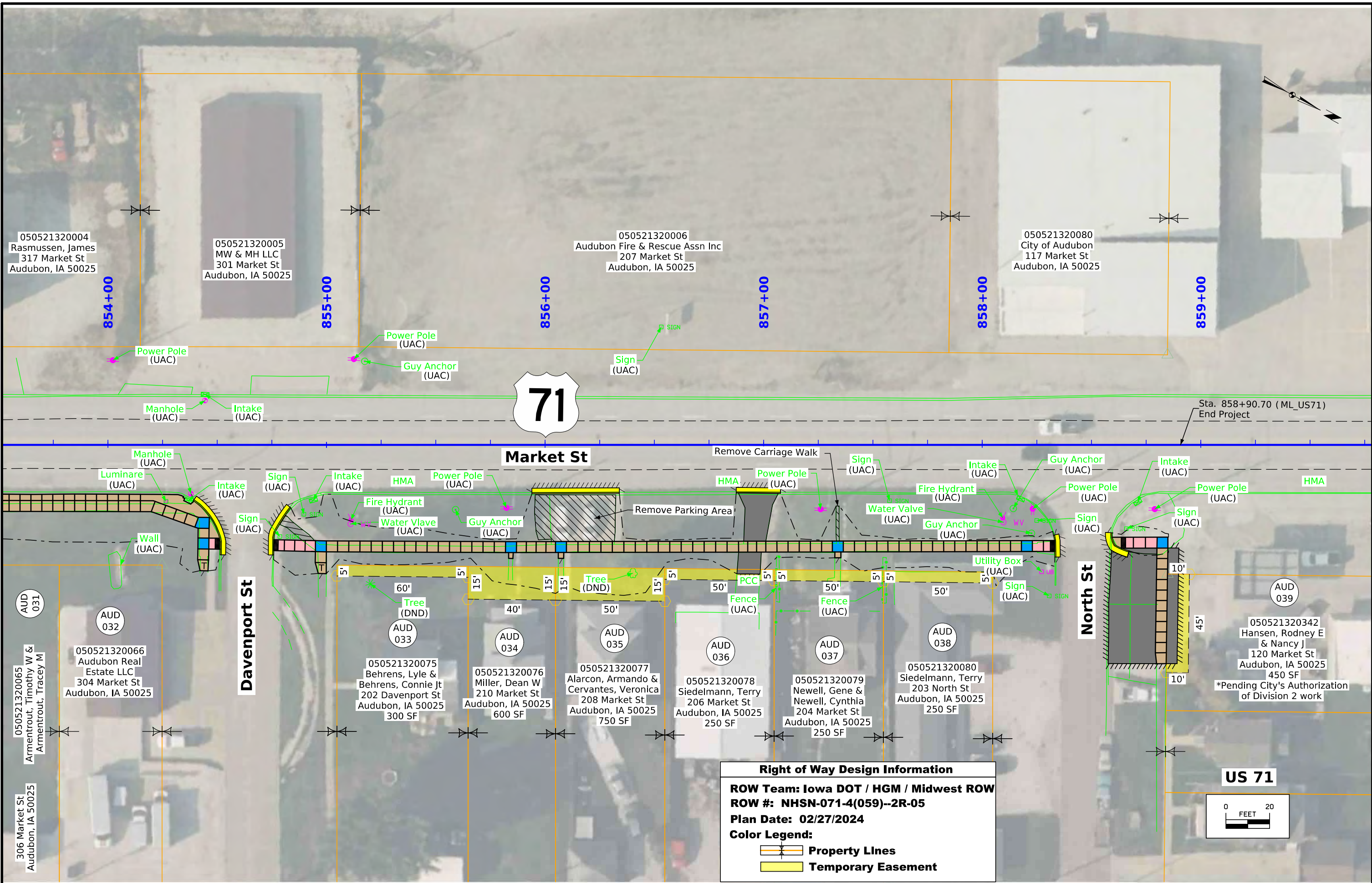
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 ROW Team: Iowa DOT / HGM / Midwest ROW
 ROW #: NHSN-071-4(059)--2R-05
 Plan Date: 02/27/2024
 Color Legend:
 - Property Lines
 - Temporary Easement



Request no parking along curb on day(s) of sidewalk paving. Coordination between engineer and Casey's store manager.

Right of Way Design Information
ROW Team: Iowa DOT / HGM / Midwest ROW
ROW #: NHSN-071-4(059)-2R-05
Plan Date: 02/27/2024
Color Legend:
 Property Lines
 Temporary Easement





71

Market St

Davenport St

North St

US 71

Right of Way Design Information

ROW Team: Iowa DOT / HGM / Midwest ROW
 ROW #: NHSN-071-4(059)--2R-05
 Plan Date: 02/27/2024

Color Legend:

- Property Lines
- Temporary Easement

