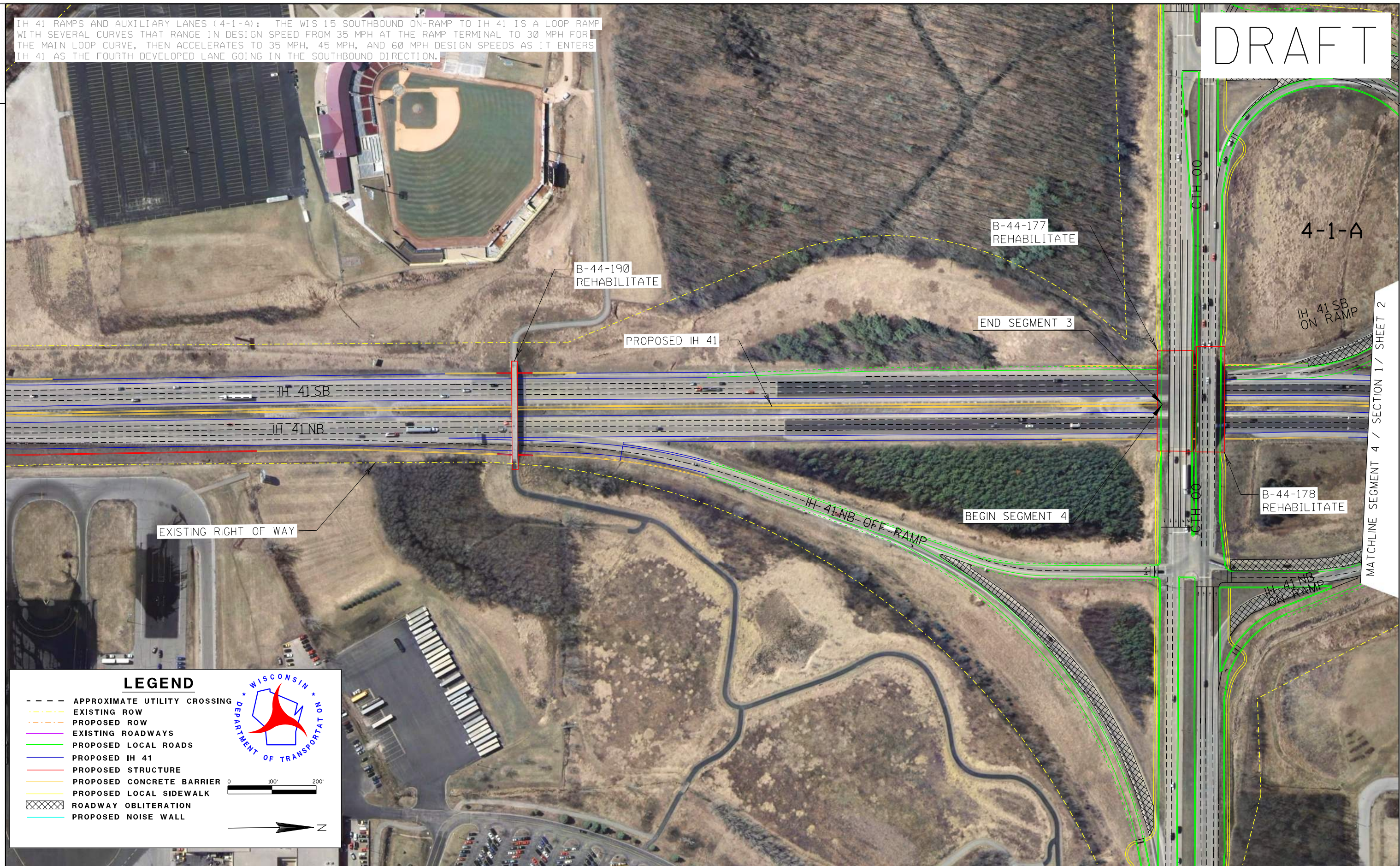DRAFT

IH 41 RAMPS AND AUXILIARY LANES (4-1-A): THE WIS 15 SOUTHBOUND ON-RAMP TO IH 41 IS A LOOP RAMP WITH SEVERAL CURVES THAT RANGE IN DESIGN SPEED FROM 35 MPH AT THE RAMP TERMINAL TO 30 MPH FOR THE MAIN LOOP CURVE, THEN ACCELERATES TO 35 MPH, 45 MPH, AND 60 MPH DESIGN SPEEDS AS IT ENTERS IH 41 AS THE FOURTH DEVELOPED LANE GOING IN THE SOUTHBOUND DIRECTION.

4-1-A

B-44-177
REHABILITATE

B-44-190
REHABILITATE

PROPOSED IH 41

END SEGMENT 3

IH 41 SB ON RAMP

IH 41 SB

IH 41 NB

B-44-178
REHABILITATE

IH 41 NB OFF RAMP

BEGIN SEGMENT 4

EXISTING RIGHT OF WAY

IH 41 NB ON RAMP

CTH 00

CTH 00

MATCHLINE SEGMENT 4 / SECTION 1 / SHEET 2

LEGEND

- – – – APPROXIMATE UTILITY CROSSING
- –·– EXISTING ROW
- –·– PROPOSED ROW
- —— EXISTING ROADWAYS
- —— PROPOSED LOCAL ROADS
- —— PROPOSED IH 41
- —— PROPOSED STRUCTURE
- —— PROPOSED CONCRETE BARRIER
- —— PROPOSED LOCAL SIDEWALK
- ▨ ROADWAY OBLITERATION
- —— PROPOSED NOISE WALL

WISCONSIN DEPARTMENT OF TRANSPORTATION

0   100'   200'

N

| PROJECT NO:1130-31-00 | HWY: IH 41 | COUNTY:OUTAGAMIE | PLAN: IH 41 SEGMENT 4 / SECTION 1 / SHEET 1 | PAGE | E |

FILE NAME : J:\44386\t1\Short Term Solutions\Amendment #5\CDS\0232A_PO.dgn   PLOT DATE : 8/1/2019   PLOT BY : nbennett   PLOT NAME :   PLOT SCALE : 100:1

DRAFT

IH 41 RAMPS AND AUXILIARY LANES (4-1-B): THE WIS 15 SOUTHBOUND OFF-RAMP FROM IH 41 IS A TAPERED OFF-RAMP CONFIGURATION THAT RUNS PARALLEL WITH A PORTION OF THE WIS 15 SOUTHBOUND LOOP ON-RAMP. THE RAMP DESIGN SPEED AT THE TAPER EXIT IS 60 MPH, THEN STAGGER STEPS DOWN TO 50 MPH AND 45 MPH AS IT APPROACHES THE WIS 15 RAMP TERMINAL INTERSECTION. SINCE THE OFF-RAMP IS LOCATED WITHIN THE IH 41 MAINLINE CURVE, A LONG PARALLEL DECELERATION LANE WAS ADDED.

IH 41 RAMPS AND AUXILIARY LANES (4-1-C): THE WIS 15 NORTHBOUND ON-RAMP TO IH 41 IS A PARALLEL TYPE CONFIGURATION. THE RAMP ENTRY LIES WITHIN A MAINLINE HORIZONTAL CURVE. A LONGER PARALLEL RAMP WAS ADDED THROUGH THE MAINLINE CURVE AND MERGES IN NEAR THE END OF THE MAINLINE CURVE TANGENT POINT.

FRONTAGE ROADS (4-1-F): NORTH RIFLE RANGE ROAD/ WEST GRAND CHUTE BOULEVARD IS A FRONTAGE ROAD ALONG THE NORTHWEST SIDE OF IH 41 MAINLINE JUST NORTH OF CAPITOL DRIVE. THE FRONTAGE ROAD IS SHOWN COMBINED WITH THE IH 41 RIGHT-OF-WAY. THE WIDER IH 41 MAINLINE CROSS SECTION WITH TRAVERSABLE EMBANKMENT SIDE SLOPES MAY IMPACT THE FRONTAGE ROADS. THEREFORE, CONCRETE BARRIER WITH STEEPER SIDE SLOPES FOR DRAINAGE MAY BE NEEDED ALONG THE OUTSIDE SHOULDER OF IH 41 MAINLINE TO MINIMIZE IMPACTS TO THE FRONTAGE ROAD AND PROVIDE ROOM FOR DRAINAGE DITCHES.

UTILITIES (4-1-H): TIME WARNER HAS AN OVERHEAD ELECTRIC CROSSING AT APPROXIMATELY JUST NORTH OF CAPITOL DRIVE.

UTILITIES (4-1-I): WE ENERGIES HAS AN OVERHEAD ELECTRIC FACILITY AT APPROXIMATELY JUST NORTH OF CAPITOL DRIVE.

4-1-B

4-1-C

GEOMETRIC DEFICIENCY (4-1-G):
APPROXIMATE END OF
DEFICIENT SUPERELEVATION
ACTUAL 4.2%
DESIRED 4.5%

UTILITIES (4-1-H):

B-44-24
RECONSTRUCT

PROPOSED IH 41

IH 41 SB
IH 41 NB

GEOMETRIC DEFICIENCY (4-1-G):
APPROXIMATE END OF
DEFICIENT VERTICAL GRADE
ACTUAL 0.20%
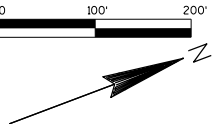DESIRED 0.50%
MINIMUM 0.30%

EXISTING RIGHT OF WAY

4-1-G

4-1-F

GEOMETRIC DEFICIENCY (4-1-G):
APPROXIMATE START OF
DEFICIENT VERTICAL GRADE
ACTUAL 0.20%
DESIRED 0.50%
MINIMUM 0.30%

UTILITIES (4-1-I):
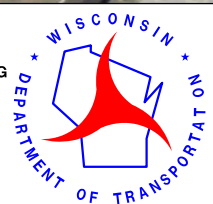
FURTHER ANALYSIS RECOMMENDATIONS (4-1-Q): THE WIS 15 SOUTHBOUND OFF-RAMP AND WIS 15 NORTHBOUND ON-RAMP ARE RECOMMENDED FOR FURTHER EVALUATION OF RAMP (AUXILIARY LANE) NEEDED AROUND IH 41 MAINLINE HORIZONTAL CURVE.

N. CAPITOL CT
CAPITOL DR
N. CAPITOL CT
N. RIFLE RANGE RD
W. CAPITOL DR
CAPITOL DR
MATCHLINE SEGMENT 4 / SECTION 1 / SHEET 3
MATCHLINE SEGMENT 4 / SECTION 1 / SHEET 1
N. ABENDROTH ST
W. HERITAGE AVE
W. PARKRIDGE AVE

LEGEND

– – – –	APPROXIMATE UTILITY CROSSING
	EXISTING ROW
	PROPOSED ROW
	EXISTING ROADWAYS
	PROPOSED LOCAL ROADS
	PROPOSED IH 41
	PROPOSED STRUCTURE
	PROPOSED CONCRETE BARRIER
	PROPOSED LOCAL SIDEWALK
▨▨▨	ROADWAY OBLITERATION
	PROPOSED NOISE WALL

WISCONSIN DEPARTMENT OF TRANSPORTATION

0   100'   200'

N

PROJECT NO: 1130-31-00   HWY: IH 41   COUNTY: OUTAGAMIE   PLAN: IH 41 SEGMENT 4 / SECTION 1 / SHEET 2   PAGE   E

FILE NAME : J:\44386\t1\Short Term Solutions\Amendment #5\CDS\0233_PO.dgn   PLOT DATE : 8/1/2019   PLOT BY : nbennett   PLOT NAME :   PLOT SCALE : 100:1

FRONTAGE ROADS (4-1-F): 4-1-F: NORTH RIFLE RANGE ROAD/ WEST GRAND CHUTE BOULEVARD IS A FRONTAGE ROAD ALONG THE NORTHWEST SIDE OF IH 41 MAINLINE JUST NORTH OF CAPITOL DRIVE. THE FRONTAGE ROAD IS SHOWN COMBINED WITH THE IH 41 RIGHT-OF-WAY. THE WIDER IH 41 MAINLINE CROSS SECTION WITH TRAVERSABLE EMBANKMENT SIDE SLOPES MAY IMPACT THE FRONTAGE ROADS. THEREFORE, CONCRETE BARRIER WITH STEEPER SIDE SLOPES FOR DRAINAGE MAY BE NEEDED ALONG THE OUTSIDE SHOULDER OF IH 41 MAINLINE TO MINIMIZE IMPACTS TO THE FRONTAGE ROAD AND PROVIDE ROOM FOR DRAINAGE DITCHES.

UTILITIES (4-1-J): WE ENERGIES HAS AN OVERHEAD ELECTRIC FACILITY AT APPROXIMATELY NORTH BLUEMOUND DRIVE.

GEOMETRIC DEFICIENCY (4-1-G):
DEFICIENT SUPERELEVATION
ACTUAL 4.2%
DESIRED 4.5%

EXISTING RIGHT OF WAY

PROPOSED IH 41

4-1-F

W. GRAND CHUTE BLVD

IH 41 SB
IH 41 NB

N. CROSSCREEK CIR
N. WAYSIDE LN
RYEGRASS DR
W. GRAND CHUTE BLVD

MATCHLINE SEGMENT 4 / SECTION 1 / SHEET 2

MATCHLINE SEGMENT 4 / SECTION 1 / SHEET 4

NORTHRIDGE CT

N. NORTHRIDGE LN

W. NORTHRIDGE LN

UTILITIES (4-1-J):

W. HIAWATHA DR

N. BLUEMOUND DR

N. BLUERIDGE DR

W. ROSELAWN RD

N. SHAWNEE AVE

LEGEND

- – – APPROXIMATE UTILITY CROSSING
- ——— EXISTING ROW
- —·—·— PROPOSED ROW
- ——— EXISTING ROADWAYS
- ——— PROPOSED LOCAL ROADS
- ——— PROPOSED IH 41
- ——— PROPOSED STRUCTURE
- ——— PROPOSED CONCRETE BARRIER
- ——— PROPOSED LOCAL SIDEWALK
- ▨▨▨ ROADWAY OBLITERATION
- ——— PROPOSED NOISE WALL

WISCONSIN DEPARTMENT OF TRANSPORTATION

N

0   100'   200'

| PROJECT NO:1130-31-00 | HWY: IH 41 | COUNTY:OUTAGAMIE | PLAN: IH 41 SEGMENT 4 / SECTION 1 / SHEET 3 | PAGE | E |

FILE NAME : J:\44386\t1\Short Term Solutions\Amendment #5\CDS\0234_P0.dgn   PLOT DATE : 8/1/2019   PLOT BY : nbennett   PLOT NAME :   PLOT SCALE : 100:1

DRAFT

UTILITIES (4-1-K): TIME WARNER HAS AN OVERHEAD ELECTRIC CROSSING AT APPROXIMATELY 150 FEET WEST OF COUNTY A.

UTILITIES (4-1-L): WE ENERGIES HAS AN OVERHEAD ELECTRIC FACILITY AT APPROXIMATELY 120 FEET WEST OF COUNTY A.

CTH A

UTILITIES (4-1-L):

UTILITIES (4-1-K):

B-44-140
REHABILITATE

GEOMETRIC DEFICIENCY (4-1-G):
APPROXIMATE END OF
DEFICIENT VERTICAL GRADE
ACTUAL 0.28%
DESIRED 0.50%
MINIMUM 0.30%

PROPOSED IH 41

IH 41 SB

IH 41 NB

MATCHLINE SEGMENT 4 / SECTION 1 / SHEET 3

MATCHLINE SEGMENT 4 / SECTION 1 / SHEET 5

EXISTING RIGHT OF WAY

W. HIAWATHA DR

GEOMETRIC DEFICIENCY (4-1-G):
APPROXIMATE START OF
DEFICIENT VERTICAL GRADE
ACTUAL 0.28%
DESIRED 0.50%
MINIMUM 0.30%

W. HIAWATHA DR

N. SHAWNEE AVE

CHAPPELL CT

N. CHAPPELL DR

N. SUNCREST LN

W. ROSELAWN DR

LEGEND

- - - -	APPROXIMATE UTILITY CROSSING
	EXISTING ROW
	PROPOSED ROW
	EXISTING ROADWAYS
	PROPOSED LOCAL ROADS
	PROPOSED IH 41
	PROPOSED STRUCTURE
	PROPOSED CONCRETE BARRIER
	PROPOSED LOCAL SIDEWALK
▨▨▨	ROADWAY OBLITERATION
	PROPOSED NOISE WALL

WISCONSIN
DEPARTMENT OF TRANSPORTATION

N

0   100'   200'

PROJECT NO: 1130-31-00	HWY: IH 41	COUNTY: OUTAGAMIE	PLAN: IH 41 SEGMENT 4 / SECTION 1 / SHEET 4	PAGE	E

DRAFT

UTILITIES (4-1-M): TIME WARNER HAS A BURIED CABLE CROSSING IH 41 AT APPROXIMATELY GILLETTE STREET.

UTILITIES (4-1-N): WE ENERGIES HAS OVERHEAD ELECTRIC FACILITY AT APPROXIMATELY GILLETTE STREET.

UTILITIES (4-1-O): WE ENERGIES HAS A BURIED GAS CROSSING IH 41 AT APPROXIMATELY GILLETTE STREET.

UTILITIES (4-1-P): ANR PIPELINE HAS A BURIED GAS CROSSING UNDER IH 41 LOCATED APPROXIMATELY 630 FEET EAST OF N. GILLETTE STREET.

CANADIAN NATIONAL RR

MATCHLINE SEGMENT 4 / SECTION 1/ SHEET 4

W. EVERGREEN DR

N. GILLETT ST

UTILITIES (4-1-M):

UTILITIES (4-1-O):

UTILITIES (4-1-P):

B-44-20 RECONSTRUCT

B-44-28 RECONSTRUCT

PROPOSED IH 41

IH 41 SB

IH 41 NB

MATCHLINE SEGMENT 4 / SECTION 1/ SHEET 6

B-44-21 RECONSTRUCT

EXISTING RIGHT OF WAY

B-44-29 RECONSTRUCT

UTILITIES (4-1-N):

CANADIAN NATIONAL RR

W. HIAWATHA DR

N. WHITNEY DR

N. TERRIL LN

N. WAYMAN CT

W. GREENLAWN LN

W. HIAWATHA DR

W. ROSELAWN DR

W. ROSELAWN DR

LEGEND

WISCONSIN DEPARTMENT OF TRANSPORTATION

N

– – – –	APPROXIMATE UTILITY CROSSING
	EXISTING ROW
	PROPOSED ROW
	EXISTING ROADWAYS
	PROPOSED LOCAL ROADS
	PROPOSED IH 41
	PROPOSED STRUCTURE
	PROPOSED CONCRETE BARRIER
	PROPOSED LOCAL SIDEWALK
▨	ROADWAY OBLITERATION
	PROPOSED NOISE WALL

0   100'   200'

PROJECT NO:1130-31-00   HWY: IH 41   COUNTY:OUTAGAMIE   PLAN: IH 41 SEGMENT 4 / SECTION 1 / SHEET 5   PAGE   E

FILE NAME : J:\44386\t1\Short Term Solutions\Amendment #5\CDS\0236_PO.dgn   PLOT DATE : 8/1/2019   PLOT BY : nbennett   PLOT NAME :   PLOT SCALE : 100:1

DRAFT

IH 41 RAMPS AND AUXILIARY LANES (4-1-D): THE WIS 47 SOUTHBOUND ON-RAMP TO IH 41 IS A PARALLEL TYPE CONFIGURATION. PORTIONS OF THE WIS 47 SOUTHBOUND ON-RAMP FROM CURVE PT TO RAMP TERMINAL WILL BE CONSTRUCTED WITH PROJECT ID 1130-33-00 IN 2014. THE PARALLEL RAMP AND CURVE PORTIONS OF THE ON-RAMP ARE TO BE CONSTRUCTED WITH THE FUTURE EXPANSION PROJECT.

IH 41 RAMPS AND AUXILIARY LANES (4-1-E): THE WIS 47 NORTHBOUND OFF-RAMP FROM IH 41 IS A PARALLEL TYPE CONFIGURATION. PORTIONS OF THE IH 41 NORTHBOUND OFF-RAMP FROM CURVE PT TO RAMP TERMINAL INCLUDING THE CRASH INVESTIGATION SITE PAVEMENT WIDENING WILL BE CONSTRUCTED WITH PROJECT ID 1130-33-00 IN 2014. THE PARALLEL RAMP AND CURVE PORTIONS OF THE OFF-RAMP ARE TO BE CONSTRUCTED WITH THE FUTURE EXPANSION PROJECT.

ADD LOOK AHEAD LEFT TURN LANE

B-44-35 REHABILITATE

PROPOSED IH 41

4-1-D

IH 41 SB ON RAMP

IH 41 SB

IH 41 NB

RECONSTRUCT BRIDGE TO FACILITATE LANE ADDITION

4-1-E

IH 41 NB OFF-RAMP

EXISTING RIGHT OF WAY

W. HIAWATHA DR

B-44-36 REHABILITATE

ADD LOOK AHEAD LEFT TURN LANE

N. SPRUCE ST

N. SUMMIT ST

N. STORY ST

N. ASSOCIATION LN

ASSOCIATION DR

WIS 47

MATCHLINE SEGMENT 4 / SECTION 1 / SHEET 5

MATCHLINE SEGMENT 4 / SECTION 2 / SHEET 1

LEGEND

- - - -	APPROXIMATE UTILITY CROSSING
— · —	EXISTING ROW
— · · —	PROPOSED ROW
——	EXISTING ROADWAYS
——	PROPOSED LOCAL ROADS
——	PROPOSED IH 41
——	PROPOSED STRUCTURE
——	PROPOSED CONCRETE BARRIER
——	PROPOSED LOCAL SIDEWALK
▨▨	ROADWAY OBLITERATION
——	PROPOSED NOISE WALL

WISCONSIN DEPARTMENT OF TRANSPORTATION

N

0 100' 200'

PROJECT NO: 1130-31-00   HWY: IH 41   COUNTY: OUTAGAMIE   PLAN: IH 41 SEGMENT 4 / SECTION 1 / SHEET 6   PAGE   E

FILE NAME : J:\44386\t1\Short Term Solutions\Amendment #5\CDS\0237_PO.dgn   PLOT DATE : 8/30/2019   PLOT BY : nbennett   PLOT NAME :   PLOT SCALE : 100:1

IH 41 RAMPS AND AUXILIARY LANES (4-2-A): THE WIS 47 NORTHBOUND ON-RAMP TO IH 41 IS A PARALLEL TYPE RAMP THAT DEVELOPS INTO THE 12' AUXILIARY LANE.

IH 41 RAMPS AND AUXILIARY LANES (4-2-B): THE WIS 47 SOUTHBOUND OFF-RAMP FROM IH 41 IS A TAPERED TYPE RAMP THAT EXITS FROM THE IH 41 SOUTHBOUND AUXILIARY LANE. THE AUXILIARY LANE CONTINUES SOUTHWARD AND MERGES INTO THE OUTSIDE LANE PAST THE WIS 47 OVERPASS STRUCTURE AND PRIOR TO THE IH 41 SOUTHBOUND ON-RAMP FROM WIS 47.

UTILITIES (4-2-I): WE ENERGIES HAS AN OVERHEAD ELECTRIC FACILITY (3 LINES) LOCATED AT APPROXIMATELY 200 FEET EAST OF WIS 47.

UTILITIES (4-2-J): TIME WARNER HAS AN OVERHEAD ELECTRIC CROSSING AT APPROXIMATELY 135 FEET EAST OF WIS 47.

BALSAM CT

E. PEPPERCORN DR

UTILITIES (4-2-J):

UTILITIES (4-2-I):

EXISTING RIGHT OF WAY

N. ALVIN ST

WIS 47

IH 41 SB OFF RAMP

ADD LOOK AHEAD LEFT TURN LANE

ADD DROP LANE

4-2-B

IH 41 SB

IH 41 NB

RECONSTRUCT BRIDGE TO FACILITATE LANE ADDITION

IH 41 NB ON RAMP

4-2-A

PROPOSED IH 41

W. SIOUX DR

CARIBOU CT

SIOUX CT

ADD LOOK AHEAD LEFT TURN LANE

APACHE CT

W. SHOSHONE DR

N. DIVISION ST

W. SIOUX DR

ONEIDA CT

N. WELLINGTON DR

HILLSBOROUGH DR

MATCHLINE SEGMENT 4 / SECTION 1 / SHEET 6

WIS 47

MATCHLINE SEGMENT 4 / SECTION 2 / SHEET 2

ONEIDA CT

LEGEND

– – –	APPROXIMATE UTILITY CROSSING
	EXISTING ROW
	PROPOSED ROW
	EXISTING ROADWAYS
	PROPOSED LOCAL ROADS
	PROPOSED IH 41
	PROPOSED STRUCTURE
	PROPOSED CONCRETE BARRIER
	PROPOSED LOCAL SIDEWALK
	ROADWAY OBLITERATION
	PROPOSED NOISE WALL

WISCONSIN DEPARTMENT OF TRANSPORTATION

N

0   100'   200'

PROJECT NO:1130-31-00	HWY: IH 41	COUNTY:OUTAGAMIE	PLAN:IH 41 SEGMENT 4 / SECTION 2 / SHEET 1	PAGE	E

FILE NAME : J:\44386\t1\Short Term Solutions\Amendment #5\CDS\0238_P0.dgn   PLOT DATE : 8/30/2019   PLOT BY : nbennett   PLOT NAME :   PLOT SCALE : 100:1

DRAFT

E. TIMBERLINE DR

E. TIMBERLINE DR

E. TIMBERLINE DR

N. QUAIL RIDGE DR

TIBURY CT

N. MILLWOOD DR

WOODBURY CT

OLDE PALTZER LN

E. PEPPERCORN DR

MEADE ST

UTILITIES (4-2-K): WE ENERGIES HAS A BURIED GAS FACILITY
LOCATED APPROXIMATELY 100 FEET EAST OF MEADE STREET.

UTILITIES (4-2-K):

EXISTING RIGHT OF WAY

B-44-171
REHABILITATE

MATCHLINE SEGMENT 4 / SECTION 2 / SHEET 1

TYPICAL SECTION (SEE FIGURE 4-1)

IH 41 SB

IH 41 NB

PROPOSED IH 41

MATCHLINE SEGMENT 4 / SECTION 2 / SHEET 3

E. NORFOLK PL

HILLSBOROUGH DR

N. MORRISON ST

N. NORTHBREEZE DR

MEADE ST

E. MAYFIELD DR

N. DURKEE ST

N. WINDWARD LN

N. NORTHBREEZE DR

N. RANKIN ST

BRACKEN CT

N. BRACKEN DR

N. MARIAH LN

LEGEND

- – – APPROXIMATE UTILITY CROSSING
- ·–·– EXISTING ROW
- ·–·– PROPOSED ROW
- —— EXISTING ROADWAYS
- —— PROPOSED LOCAL ROADS
- —— PROPOSED IH 41
- —— PROPOSED STRUCTURE
- —— PROPOSED CONCRETE BARRIER
- —— PROPOSED LOCAL SIDEWALK
- ▨ ROADWAY OBLITERATION
- —— PROPOSED NOISE WALL

★ WISCONSIN ★ DEPARTMENT OF TRANSPORTATION

N

0   100'   200'

| PROJECT NO:1130-31-00 | HWY: IH 41 | COUNTY:OUTAGAMIE | PLAN: IH 41 SEGMENT 4 / SECTION 2 / SHEET 2 | PAGE | E |

FILE NAME : J:\44386\t1\Short Term Solutions\Amendment #5\CDS\0239_PO.dgn   PLOT DATE : 8/21/2019   PLOT BY : nbennett   PLOT NAME :   PLOT SCALE : 100:1
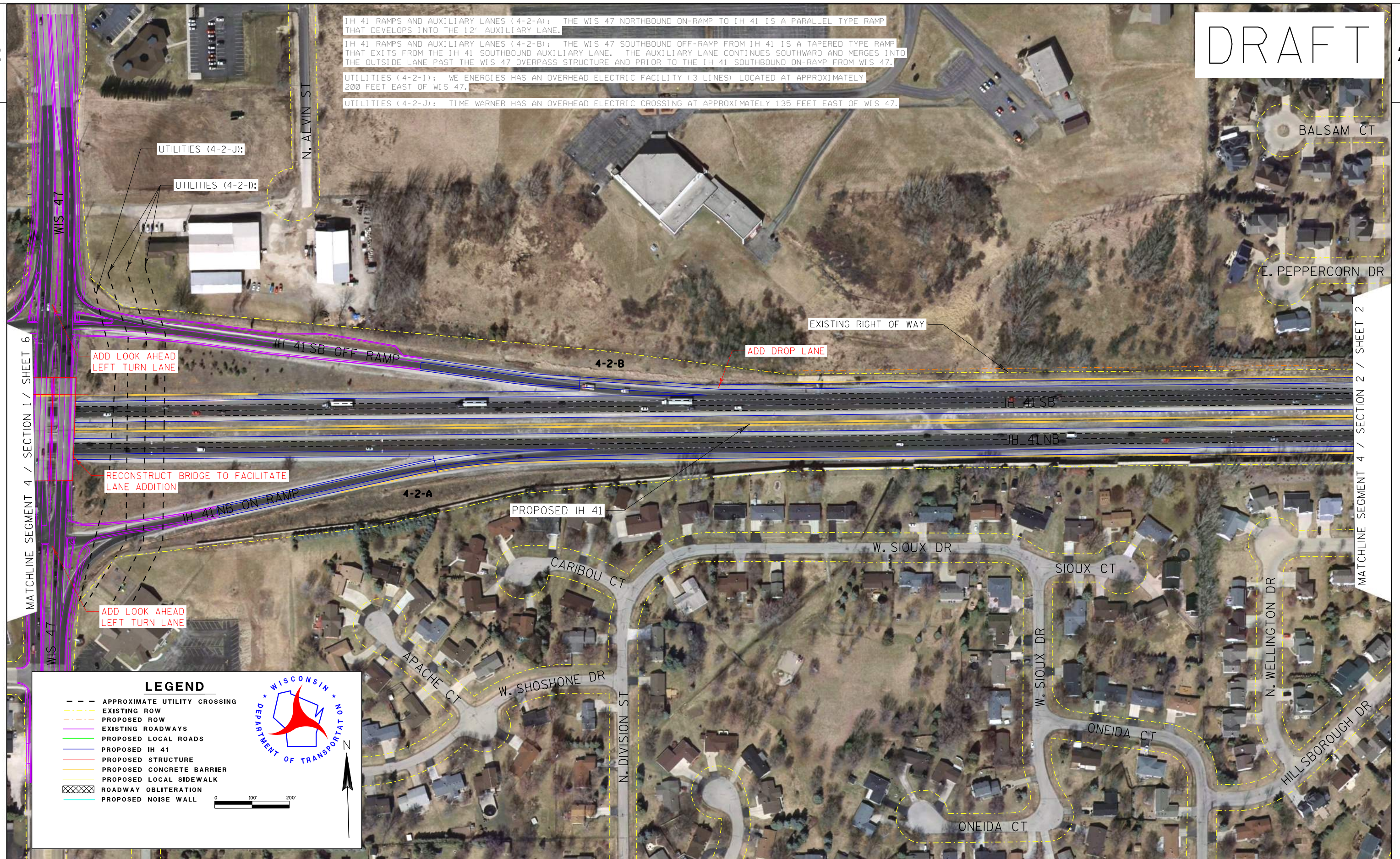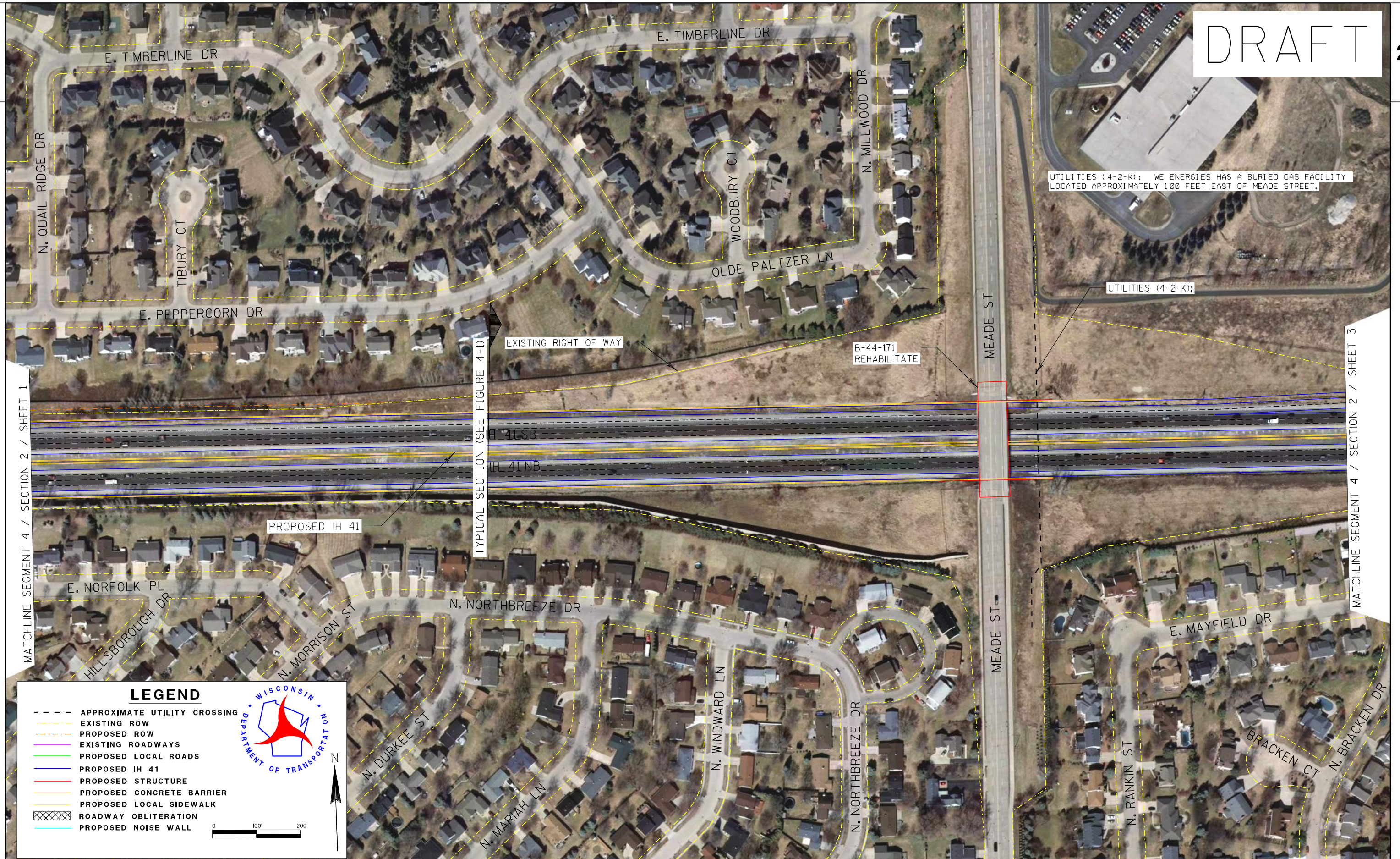
DRAFT

MULTI-USE PATHS (4-2-E): A FOX CITIES AREA TRAIL, THE APPLE CREEK TRAIL, IS A MULTI-USE PATH THAT RUNS FROM MEADE STREET TO COUNTY JJ NEAR HOLLAND ROAD. THE PATH RUNS NEAR THE RIGHT-OF-WAY ALONG THE NORTH SIDE OF IH 41. DUE TO THE C-D ROAD SYSTEM, IT IS ANTICIPATED THAT THE RIGHT-OF-WAY STRIP ACQUISITION IS NEEDED ALONG THE NORTH SIDE. APPROXIMATELY 50-FEET TO 100-FEET OF THE MULTI-USE PATH IS ANTICIPATED TO BE IMPACTED AND IS SHOWN AS BEING RECONSTRUCTED AS A WORST CASE PROJECT FOOTPRINT SCENARIO.

RIGHT-OF-WAY IMPACTS (4-2-G): RIGHT-OF-WAY STRIP ACQUISITIONS EQUALING APPROXIMATELY 1.0 ACRES ARE ANTICIPATED PARALLEL TO THE C-D ROAD SYSTEM. NO ACQUISITIONS ARE ANTICIPATED. ALTHOUGH THE APPLE CREEK TRAIL IS DIRECTLY ADJACENT TO THE IH 41 SOUTHBOUND LANES AND MAY BE IMPACTED DUE TO ITS PROXIMITY. SEE MULTI-USE PATHS FOR FURTHER DISCUSSION.

FURTHER ANALYSIS RECOMENDATIONS (4-2-M): FURTHER REVIEW OF THE C-D ROAD SYSTEM WILL DETERMINE IF THE APPLE CREEK TRAIL WILL BE ACTUALLY IMPACTED OR COULD BE AVOIDED THROUGH FURTHER DESIGN REFINEMENTS.

4-2-M

4-2-E

GEOMETRIC DEFICIENCY (4-2-F):
APPROXIMATE START OF
DEFICIENT VERTICAL GRADE
ACTUAL = 0.10%
DESIRED = 0.50%
MINIMUM = 0.30%

EXISTING RIGHT OF WAY

TWO LANE ENTRANCE FROM CD ROAD

MAINTAIN TWO CD ROAD LANES

4-2-G

IH 41 SB

IH 41 NB

PROPOSED IH 41

GEOMETRIC DEFICIENCY (4-2-F):
APPROXIMATE START OF
DEFICIENT VERTICAL GRADE
ACTUAL = 0.10%
DESIRED = 0.50%
MINIMUM = 0.30%

MATCHLINE SEGMENT 4 / SECTION 2 / SHEET 2

MATCHLINE SEGMENT 4 / SECTION 2 / SHEET 4

E. GREENBRIAR DR

E. MAYFIELD DR

HACIENDA CT

FIESTA CT

N. RACINE ST

E. RUSTIC RD

N. McDONALD ST

N. MEADOWSWEET LN

FIESTA CT

N. FIESTA DR

E. OVERLAND RD

FIESTA CT

LEGEND

WISCONSIN
DEPARTMENT OF TRANSPORTATION

N

- - - - APPROXIMATE UTILITY CROSSING
— · — EXISTING ROW
— · · — PROPOSED ROW
——— EXISTING ROADWAYS
——— PROPOSED LOCAL ROADS
——— PROPOSED IH 41
——— PROPOSED STRUCTURE
——— PROPOSED CONCRETE BARRIER
——— PROPOSED LOCAL SIDEWALK
▨▨▨ ROADWAY OBLITERATION
——— PROPOSED NOISE WALL

0   100'   200'

PROJECT NO:1130-31-00 | HWY: IH 41 | COUNTY:OUTAGAMIE | PLAN: IH 41 SEGMENT 4 / SECTION 2 / SHEET 3 | PAGE | E

FILE NAME : J:\44386\t1\Short Term Solutions\Amendment #5\CDS\0240_P0.dgn   PLOT DATE : 8/21/2019   PLOT BY : nbennett   PLOT NAME :   PLOT SCALE : 100:1

2   2

E. ENTERPRISE AVE

LANE CONFIGURATION UPDATE. NO CHANGE IN GEOMETRICS

EXISTING RIGHT OF WAY

TWO RECEIVING LANES FROM NB CTH E LEFT TURN

4-2-H

4-2-C

END SEGMENT 4

IH 41 SB ON RAMP

IH 41 SB OFF RAMP

MATCHLINE SEGMENT / SECTION 2 / SHEET 3

CTH E

IH 41 SB

IH 41 SB

IH 41 NB

IH 41 NB

PROPOSED IH 41

IH 41 NB OFF RAMP

4-2-D

E. TRACIA LN

IH 41 NB ON RAMP

4-2-H

DUAL LEFT TURN LANES FROM OFF RAMP TO NB CTH E

BEGIN SEGMENT 5

B-44-172 RECONSTRUCT

N. MARCOS LN

N. JUANITA LN

UTILITIES (4-2-L):

FIESTA CT

COMMERCE CT

CTH E

LEGEND

- – – – APPROXIMATE UTILITY CROSSING
- — EXISTING ROW
- — PROPOSED ROW
- — EXISTING ROADWAYS
- — PROPOSED LOCAL ROADS
- — PROPOSED IH 41
- — PROPOSED STRUCTURE
- — PROPOSED CONCRETE BARRIER
- — PROPOSED LOCAL SIDEWALK
- ▨ ROADWAY OBLITERATION
- — PROPOSED NOISE WALL

WISCONSIN DEPARTMENT OF TRANSPORTATION

N

0   100'   200'

IH 41 RAMPS AND AUXILIARY LANES (4-2-C): THE COUNTY E SOUTHBOUND ON-RAMP TO IH 41 IS A PARALLEL TYPE RAMP THAT ENTERS INTO THE C-D ROAD SYSTEM AND MERGES INTO THE C-D LANE APPROXIMATELY 1000-FEET DOWNSTREAM.

IH 41 RAMPS AND AUXILIARY LANES (4-2-D): THE COUNTY E NORTHBOUND OFF-RAMP FROM IH 41 IS A TAPERED TYPE RAMP THAT EXITS FROM THE IH 41 NORTHBOUND AUXILIARY LANE. THE AUXILIARY LANE CONTINUES NORTHWARD AND MERGES INTO THE OUTSIDE LANE PAST THE COUNTY E OVERPASS STRUCTURE AND PRIOR TO THE COUNTY E NORTHBOUND ON-RAMP.

RIGHT-OF-WAY IMPACTS (4-2-H): ALONG THE COUNTY E SOUTHBOUND ON-RAMP AND COUNTY E NORTHBOUND OFF-RAMP LOCATIONS, LAND ACQUISITION FOR THE RAMP IMPROVEMENTS IS ANTICIPATED TO BE APPROXIMATELY 0.75 ACRES.

UTILITIES (4-2-L): WE ENERGIES HAS AN OVERHEAD ELECTRIC FACILITY (2 LINES) LOCATED AT APPROXIMATELY 100 FEET WEST OF COUNTY E.

PROJECT NO: 1130-31-00 | HWY: IH 41 | COUNTY: OUTAGAMIE | PLAN: IH 41 SEGMENT 4 / SECTION 2 / SHEET 4 | PAGE | E

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