

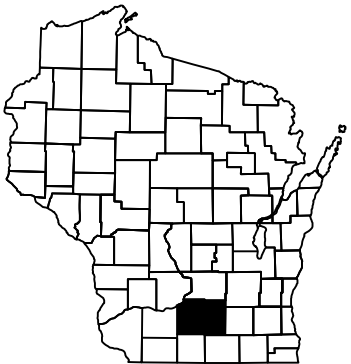
PROJECT ID: 3996-00-10
WITH: N/A

COUNTY: DANE

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details (Includes Erosion Control Plans)
Section No.	3	Estimate of Quantities
Section No.	3	Miscellaneous Quantities
Section No.	4	Right of Way Plat
Section No.	5	Plan and Profile
Section No.	6	Standard Detail Drawings
Section No.	7	Sign Plates
Section No.	8	Structure Plans
Section No.	9	Computer Earthwork Data
Section No.	9	Cross Sections

TOTAL SHEETS =



DESIGN DESIGNATION

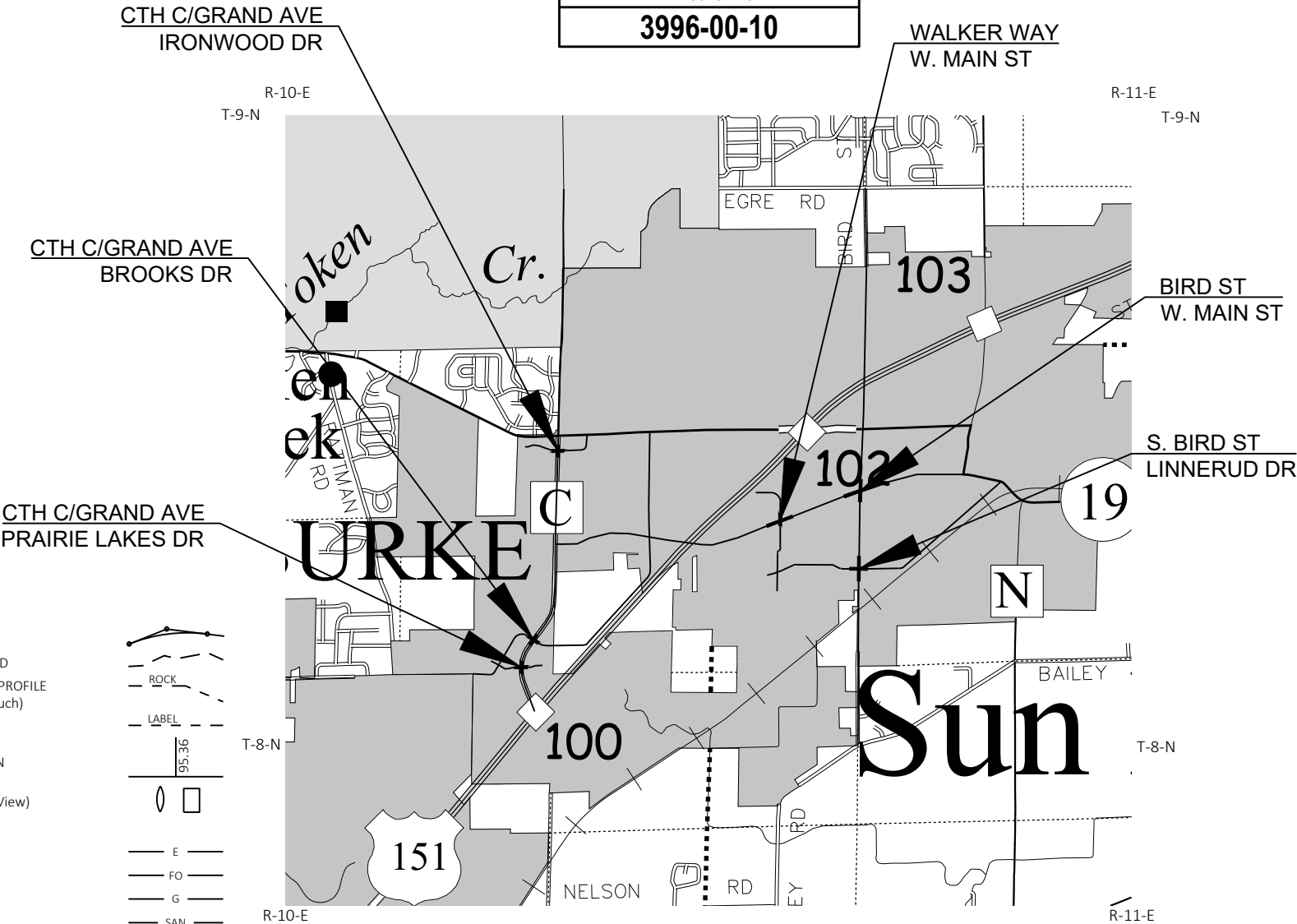
A.A.D.T.	=	N/A
A.A.D.T.	=	N/A
D.H.V.	=	N/A
D.D.	=	N/A
T.	=	N/A
DESIGN SPEED	=	N/A
ESALS	=	N/A

CONVENTIONAL SYMBOLS

PLAN	
CORPORATE LIMITS	
PROPERTY LINE	
LOT LINE	
LIMITED HIGHWAY EASEMENT	
EXISTING RIGHT OF WAY	
PROPOSED OR NEW R/W LINE	
SLOPE INTERCEPT	
REFERENCE LINE	
EXISTING CULVERT	
PROPOSED CULVERT (Box or Pipe)	
COMBUSTIBLE FLUIDS	
MARSH AREA	
WOODED OR SHRUB AREA	

PROFILE	
GRADE LINE	
ORIGINAL GROUND	
MARSH OR ROCK PROFILE (To be noted as such)	
SPECIAL DITCH	
GRADE ELEVATION	
CULVERT (Profile View)	
UTILITIES	
ELECTRIC	
FIBER OPTIC	
GAS	
SANITARY SEWER	
STORM SEWER	
TELEPHONE	
WATER	
UTILITY PEDESTAL	
POWER POLE	
TELEPHONE POLE	

	ROCK
	LABEL
	95.36
	E
	FO
	G
	SAN
	SS
	T
	W



LAYOUT
SCALE 0 1 MI
TOTAL NET LENGTH OF CENTERLINE = 0.000

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN COORDINATE REFERENCE SYSTEM (WISCRS), DANE COUNTY, NAD83 (2011), IN U.S. SURVEY FEET. POSITIONS SHOWN ARE GRID COORDINATES, GRID BEARINGS, AND GRID DISTANCES. GRID DISTANCES ARE THE SAME AS GROUND DISTANCES.
ELEVATIONS ARE REFERENCED TO NAVD 88 (2012). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A-WI

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

C SUN PRAIRIE, INTERSECTION IMPRVMT

MAIN/WALKER;MAIN/BIRD;BIRD/LINNERUD

LOC STR
DANE COUNTY

STATE PROJECT NUMBER
3996-00-10

STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
3996-00-10		

ACCEPTED FOR
CITY OF SUN PRAIRIE
Date _____
(Signature and Title of Official)

ORIGINAL PLANS PREPARED BY
KL Engineering
[A] Better Experience

(Date) (Signature)

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PREPARED BY
Surveyor _____ KL ENGINEERING
Designer _____ KL ENGINEERING
Project Manager _____ ZACHARY PEARSON
Regional Examiner _____
Regional Supervisor _____ KYLE HEMP

APPROVED FOR THE DEPARTMENT
DATE: _____
(Signature)

E

ABBREVIATIONS

A.A.D.T.	ANNUAL AVERAGE DAILY TRAFFIC
B.A.D.	BASE AGGREGATE DENSE
C/L	CENTERLINE
C.P.S.	CULVERT PIPE STEEL
C.S.C.P.	CORRUGATED STEEL CULVERT PIPE
CY	CUBIC YARD
D.D.	DAILY DIRECTIONAL SPLIT (TRAFFIC VOLUME)
D.H.V.	DAILY HOURLY TRAFFIC
E.A.T.	ENERGY ABSORBING TERMINAL
EL.	ELEVATION
ESALS	EQUIVALENT SINGLE AXLE LOADS
FE	FIELD ENTRANCE
FO	FIBER OPTIC
INV.	INVERT
LB	POUND
LF	LINEAR FEET
LT.	LEFT
MAX.	MAXIMUM
MGS	MIDWEST GUARDRAIL SYSTEM
MIN.	MINIMUM
NOR.	NORMAL
NPZ	NO PASSING ZONE
OH	OVERHEAD
P.E.	PRIVATE ENTRANCE
P.I.	POINT OF INTERSECTION
PRW	PROPOSED RIGHT OF WAY
R	RADIUS
REQ'D	REQUIRED
R/L	REFERENCE LINE
RT.	RIGHT
RW	RIGHT OF WAY
S.D.D.	STANDARD DETAIL DRAWING
SE	SUPERELEVATION
STA.	STATION
SF	SQUARE FOOT
STH	STATE HIGHWAY
SY	SQUARE YARD
T.	PERCENT OF TRUCK TRAFFIC
TLE	TEMPORARY LIMITED EASEMENT
TYP.	TYPICAL
VAR.	VARIES

UTILITY CONTACTS

ALLIANT ENERGY - ELECTRIC
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adamkrohn@alliantenergy.com

CHARTER COMMUNICATIONS - COMM
JOHN ARNESON
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EVERSTREAM - COMM
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MILWAUKEE, WI 53202
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jsagaitis@everstream.net

FRONTIER COMMUNICATIONS - COMM
TIANDRA HAYES
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thayes@pearce-services.com

SUN PRAIRIE UTILITIES - ELECTRIC,
SANITARY, STORM SEWER, WATER
ANDY HIRVELA
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TDS - COMM
MICHAEL SCHNEIDER
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MADISON, WI 53717
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VERIZON - COMM
RANDOLPH J. CICATELLO, JR.
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NEW BERLIN, WI 53151
(262) 232-1323
randy.cicatello@verizon.com

WE ENERGIES - GAS/PETROLEUM
JASON DODGE
500 S 116th STREET
WEST ALLIS, WI 53214
(414) 944-5507
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GENERAL NOTES

NO TREES OF SHRUBS ARE TO BE REMOVED WITHOUT APPROVAL OF THE ENGINEER.

THE LOCATION OF EXISTING UTILITY INSTALLATIONS AS SHOWN IN THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN.

UTILITY REFERENCE LINES ON THE CROSS SECTIONS ARE FOR APPROXIMATE HORIZONTAL REFERENCE ONLY.

REMOVAL ITEMS REQUIRING RESTORATION OF CONCRETE OR ASPHALT SHALL BE REMOVED TO AN EXISTING JOINT OR SAWED AS DETERMINED BY THE ENGINEER.

EROSION CONTROL FEATURES AS SHOWN IN THE PLANS ARE AT SUGGESTED LOCATIONS. THE ENGINEER MAY MODIFY LOCATIONS AS NEEDED. ALL EROSION CONTROL MEASURES SHALL BE MAINTAINED UNTIL SUCH TIME AS THE ENGINEER DETERMINES THE MEASURE IS NO LONGER NECESSARY.

DISTURBED AREAS WITHIN THE RIGHT OF WAY SHALL BE RESTORED AS DIRECTED BY THE ENGINEER.

RADIUS DIMENSIONS FOR CURB AND GUTTER ARE TO THE FLANGE LINE UNLESS OTHERWISE NOTED.

A SAWED JOINT WILL BE REQUIRED WHERE NEW PAVEMENT IS TO MEET AN EXISTING PAVED SURFACE.

CONTRACTOR IS RESPONSIBLE FOR RESHAPING AND FINISHING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY THEIR OPERATION OUTSIDE THE PLAN CONSTRUCTION LIMITS.

ALL GRADES PROVIDED ALONG RADII ARE ALONG THE EDGE OF PAVEMENT UNLESS OTHERWISE NOTED.

ORDER OF DETAIL SHEETS

- GENERAL NOTES
- PROJECT OVERVIEW
- TYPICAL SECTIONS
- CONSTRUCTION DETAILS
- REMOVAL PLANS
- PLAN DETAILS
- CURB RAMP DETAILS
- JOINT DETAILS
- EROSION CONTROL PLANS
- STORM SEWER PLANS
- PERMANENT SIGNING/PAVEMENT MARKING PLAN
- TRAFFIC SIGNAL PLANS
- TRAFFIC CONTROL PLANS
- ALIGNMENT DIAGRAM

ALIGNMENT IDENTIFIERS

MW	MAIN STREET AT WALKER WAY
W	WALKER WAY
MB	MAIN STREET AT BIRD STREET
BM	BIRD STREET AT MAIN STREET
BL	BIRD STREET AT LINNERUD DRIVE
L	LINNERUD DRIVE



Dial  or (800)242-8511

www.DiggersHotline.com

RUNOFF COEFFICIENT TABLE

LAND USE:	HYDROLOGIC SOIL GROUP											
	A			B			C			D		
	SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)			SLOPE RANGE (PERCENT)		
	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER	0-2	2-6	6 & OVER
ROW CROPS:	.08	.16	.22	.12	.20	.27	.15	.24	.33	.19	.28	.38
	.22	.30	.38	.26	.34	.44	.30	.37	.50	.34	.41	.56
MEDIAN STRIPTURF:	.19	.20	.24	.19	.22	.26	.20	.23	.30	.20	.25	.30
	.24	.26	.30	.25	.28	.33	.26	.30	.37	.27	.32	.40
SIDE SLOPETURF:			.25			.27			.28			.30
			.32			.34			.36			.38
PAVEMENT:												
ASPHALT:	.70 - .95											
CONCRETE:	.80 - .95											
BRICK:	.70 - .80											
DRIVES, WALKS:	.75 - .85											
ROOFS:	.75 - .95											
GRAVEL ROADS, SHOULDERS:	.40 - .60											

TOTAL PROJECT AREA = 0.5 ACRES
TOTAL AREA EXPECTED TO BE DISTURBED BY CONSTRUCTION ACTIVITIES = 0.5 ACRES

DESIGN CONTACT

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5400 KING JAMES WAY SUITE 200
MADISON, WI 53719
(608) 663-1218
kwehner@klengineering.com

WISDOT

ZACHARY PEARSON, P.E.
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2101 WRIGHT ST
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zachary.pearson@dot.wi.gov

DNR LIASON

ERIC HEGGELUND
WDNR
3911 FISH HATCHERY ROAD
FITCHBURG WI 53711
(608) 275-3301
eric.heggelund@wisconsin.gov

LOCAL CONTACT

ADAM SCHLEICHER
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SUN PRAIRIE, WI 53590
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PROJECT NO: 3996-00-10

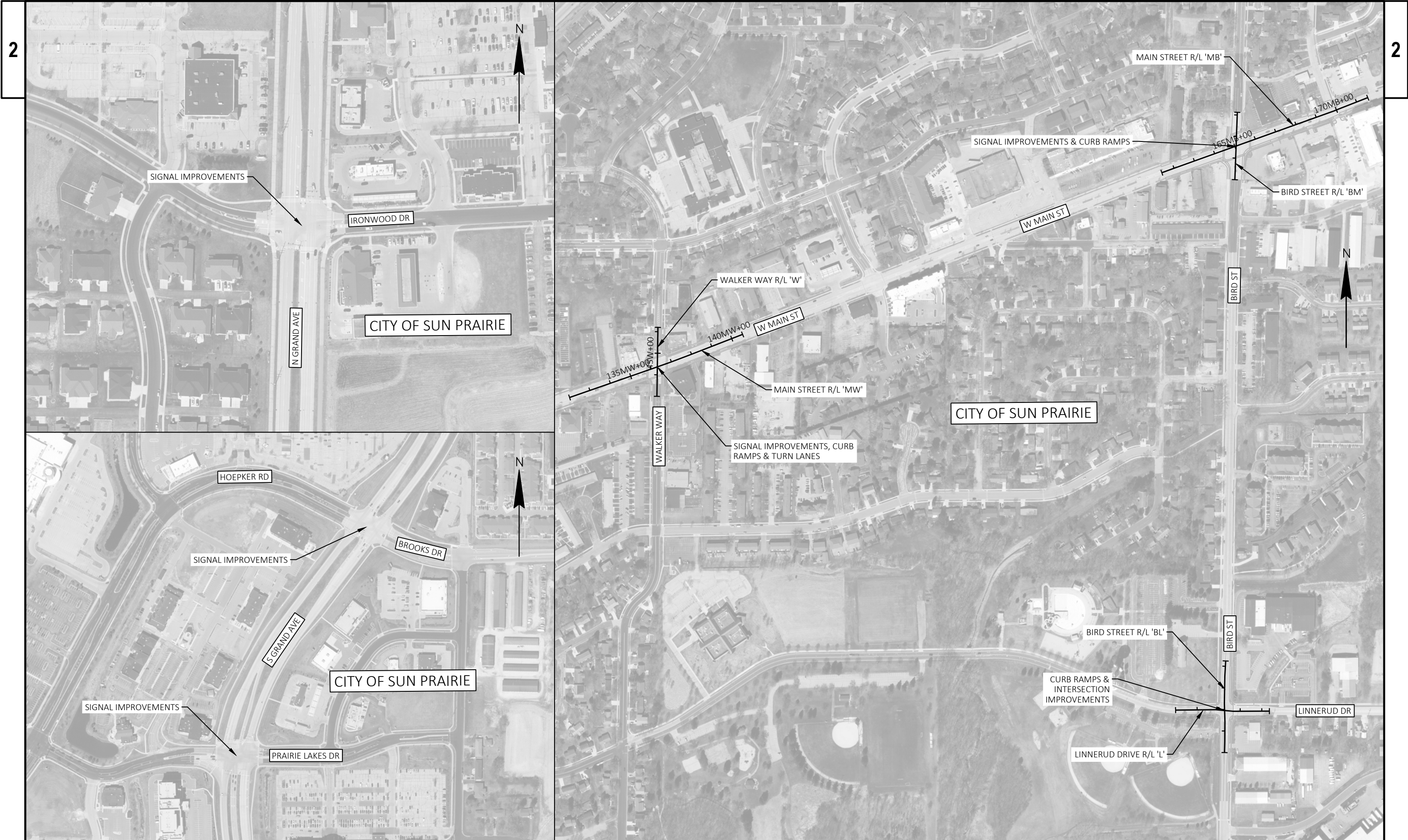
HWY: LOCAL STREETS

COUNTY: DANE

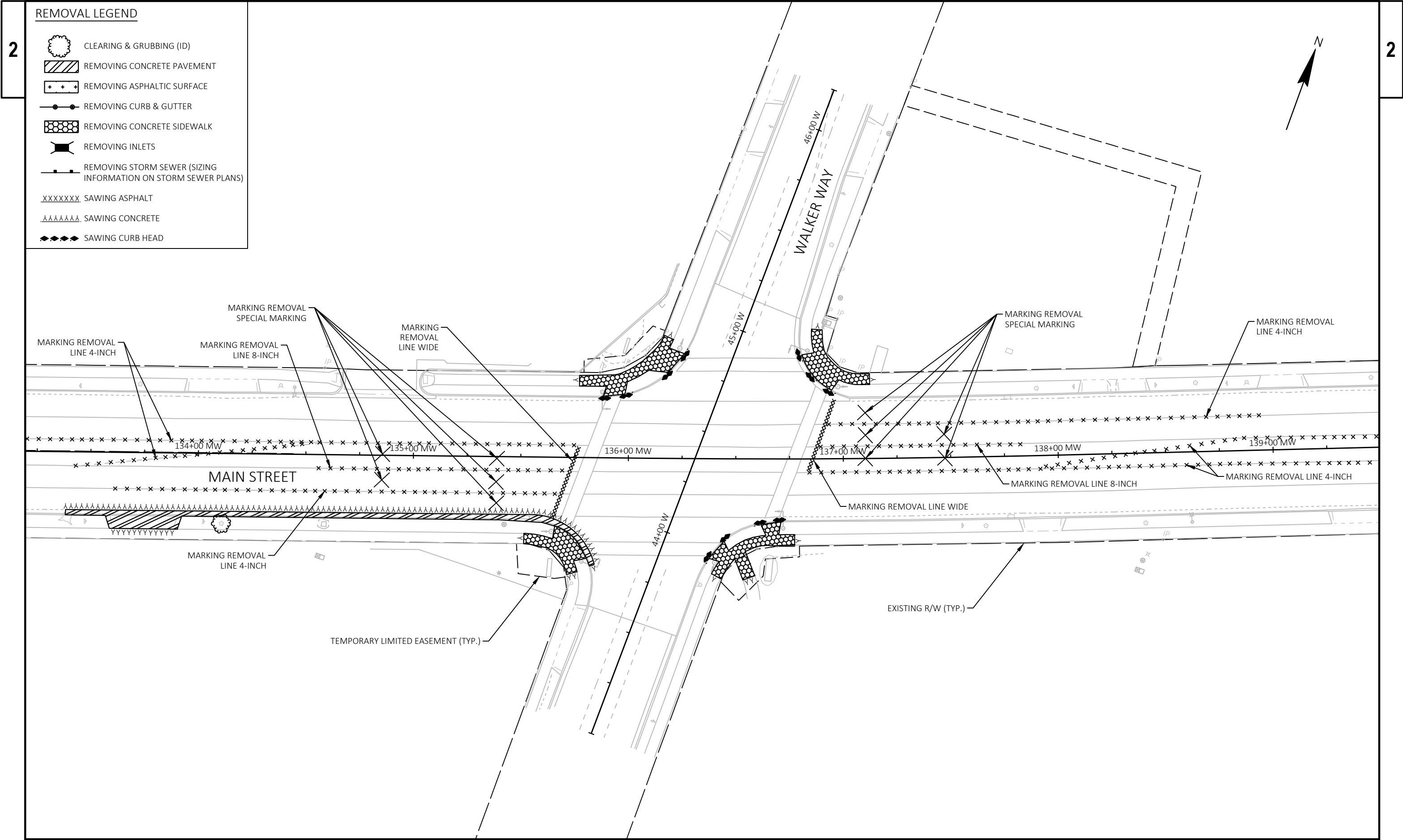
GENERAL NOTES

SHEET

E

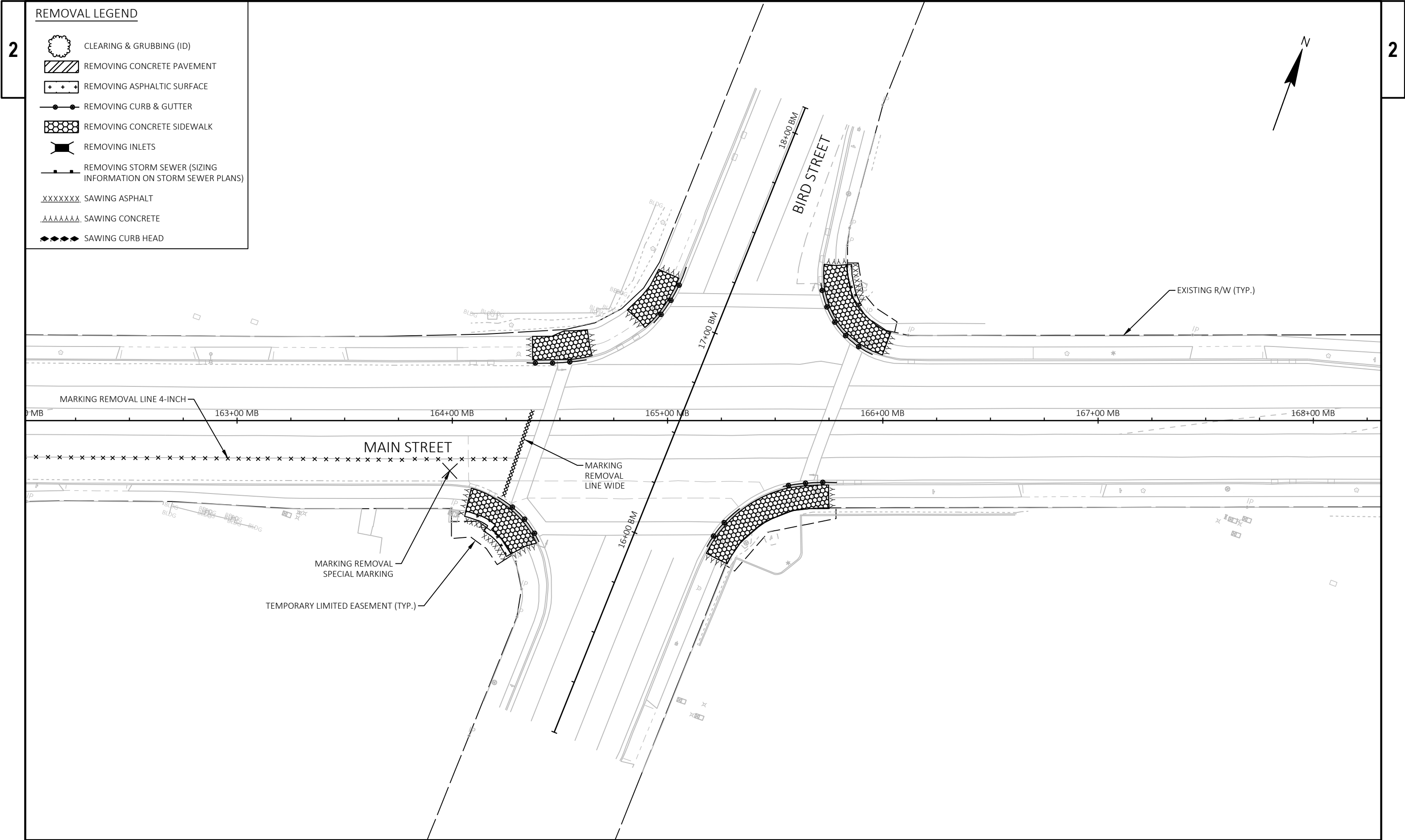


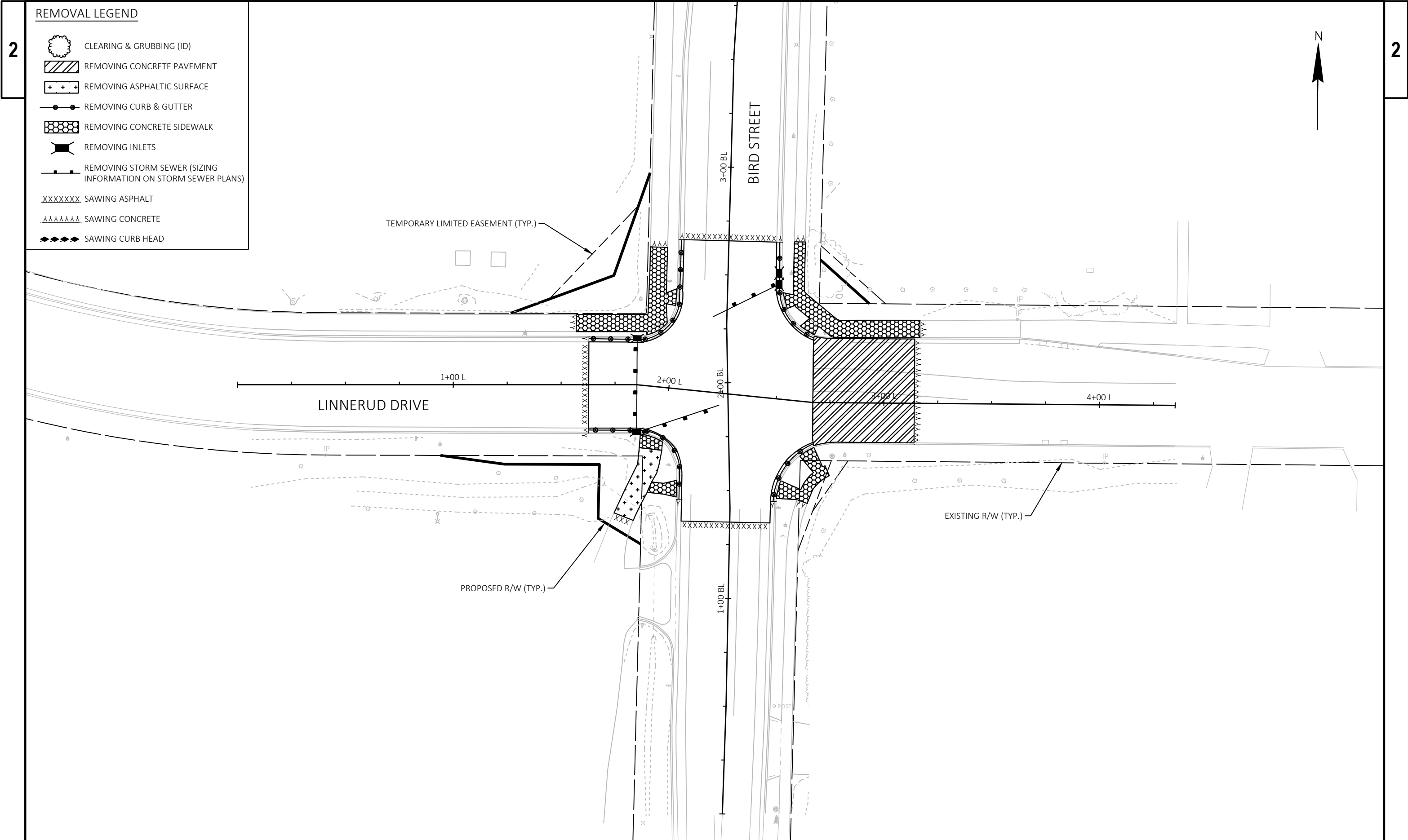
PROJECT NO:	3996-00-10	HWY: LOCAL STREETS	COUNTY: DANE	PROJECT OVERVIEW	SHEET	E
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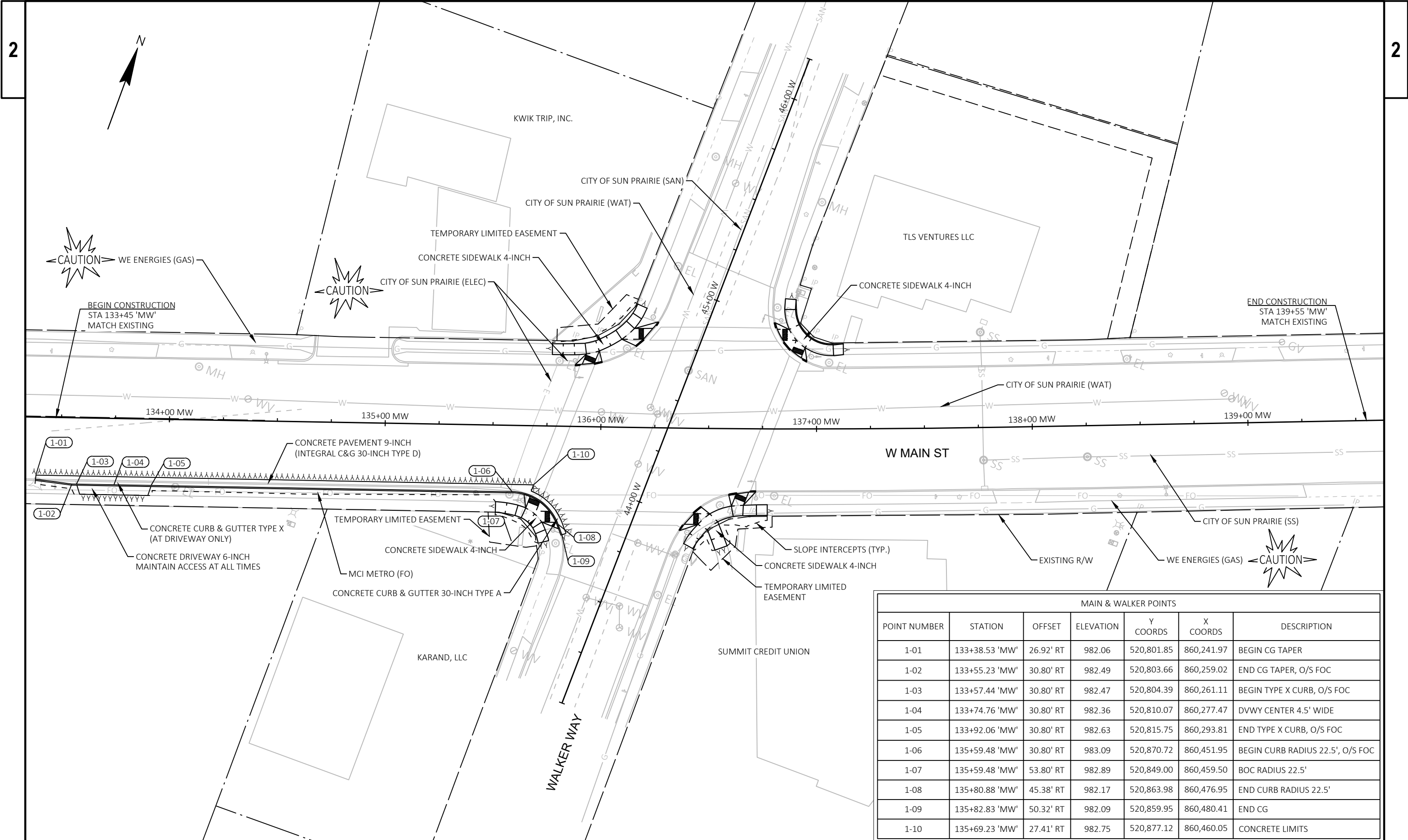


REMOVAL LEGEND

- CLEARING & GRUBBING (ID)
- REMOVING CONCRETE PAVEMENT
- REMOVING ASPHALTIC SURFACE
- REMOVING CURB & GUTTER
- REMOVING CONCRETE SIDEWALK
- REMOVING INLETS
- REMOVING STORM SEWER (SIZING INFORMATION ON STORM SEWER PLANS)
- SAWING ASPHALT
- SAWING CONCRETE
- SAWING CURB HEAD

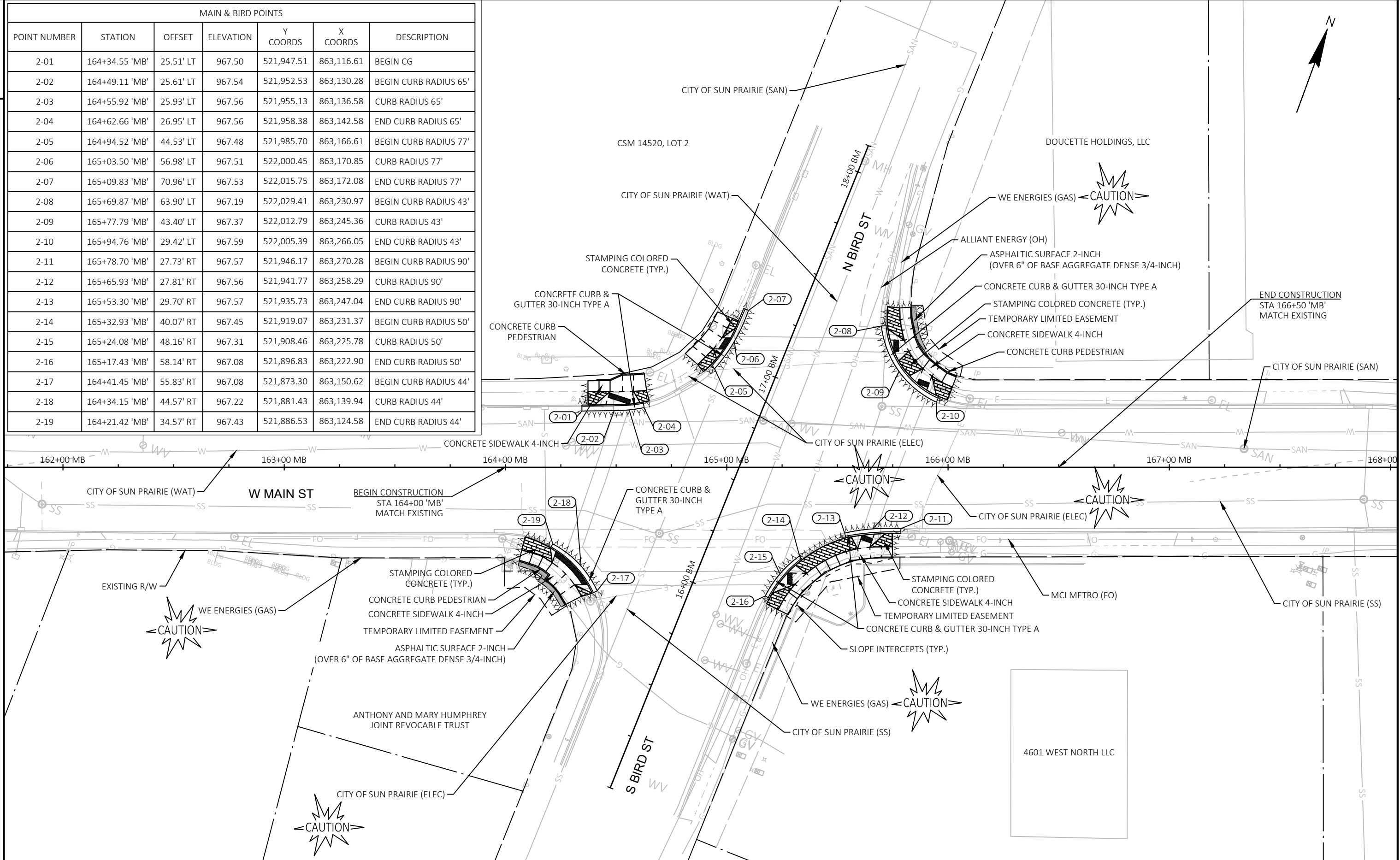


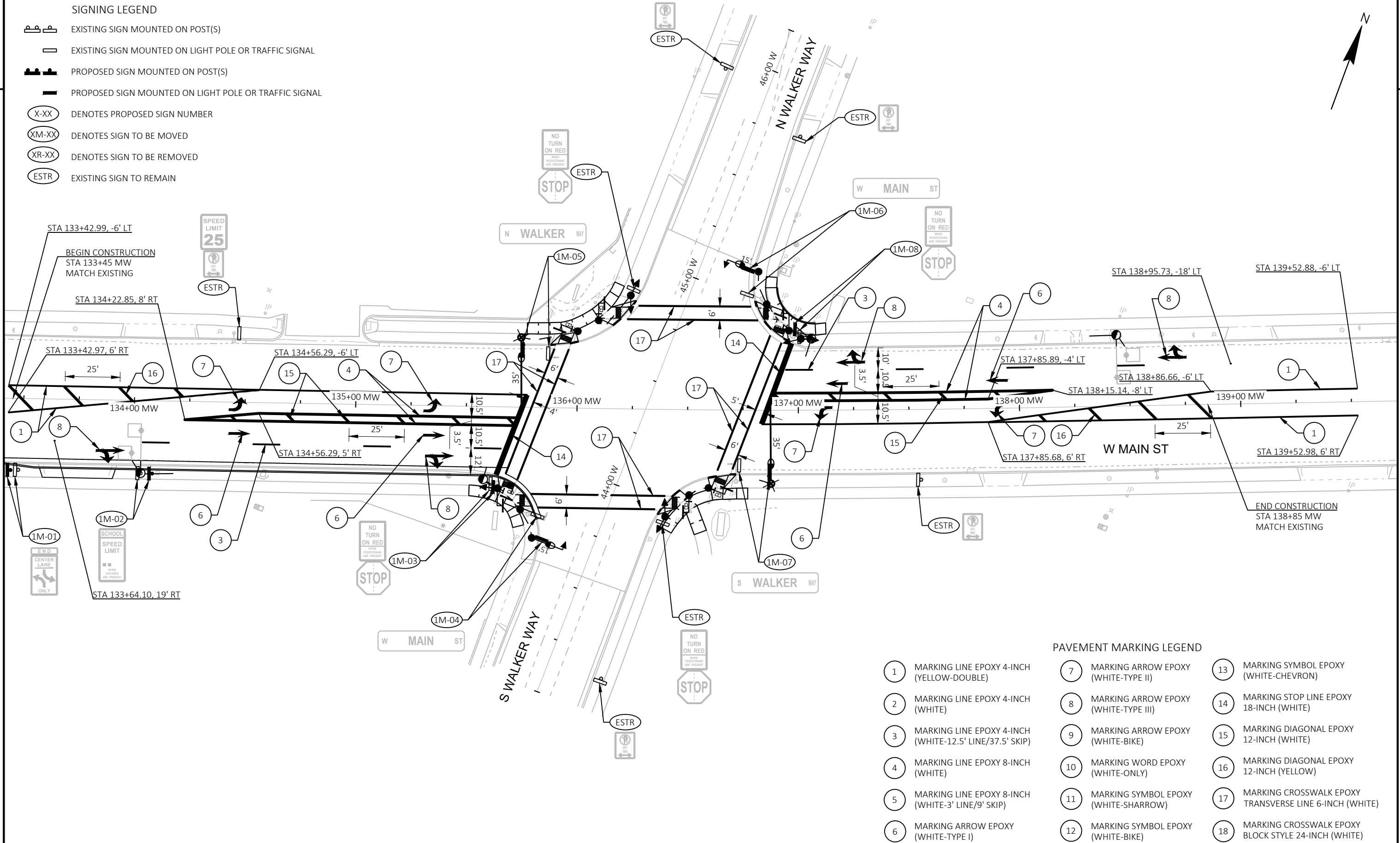


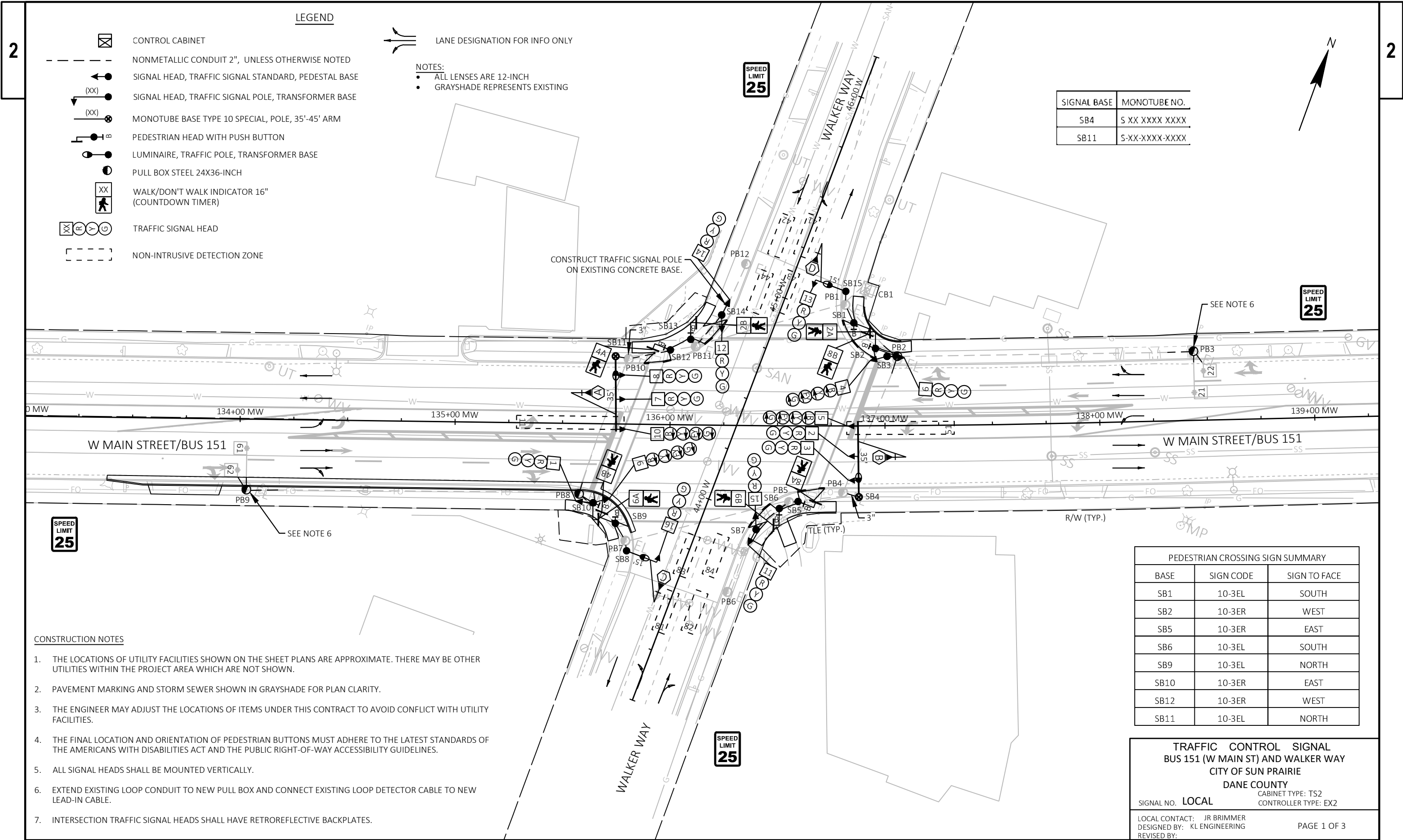


MAIN & WALKER POINTS						
POINT NUMBER	STATION	OFFSET	ELEVATION	Y COORDS	X COORDS	DESCRIPTION
1-01	133+38.53 'MW'	26.92' RT	982.06	520,801.85	860,241.97	BEGIN CG TAPER
1-02	133+55.23 'MW'	30.80' RT	982.49	520,803.66	860,259.02	END CG TAPER, O/S FOC
1-03	133+57.44 'MW'	30.80' RT	982.47	520,804.39	860,261.11	BEGIN TYPE X CURB, O/S FOC
1-04	133+74.76 'MW'	30.80' RT	982.36	520,810.07	860,277.47	DVWY CENTER 4.5' WIDE
1-05	133+92.06 'MW'	30.80' RT	982.63	520,815.75	860,293.81	END TYPE X CURB, O/S FOC
1-06	135+59.48 'MW'	30.80' RT	983.09	520,870.72	860,451.95	BEGIN CURB RADIUS 22.5', O/S FOC
1-07	135+59.48 'MW'	53.80' RT	982.89	520,849.00	860,459.50	BOC RADIUS 22.5'
1-08	135+80.88 'MW'	45.38' RT	982.17	520,863.98	860,476.95	END CURB RADIUS 22.5'
1-09	135+82.83 'MW'	50.32' RT	982.09	520,859.95	860,480.41	END CG
1-10	135+69.23 'MW'	27.41' RT	982.75	520,877.12	860,460.05	CONCRETE LIMITS

MAIN & BIRD POINTS						
POINT NUMBER	STATION	OFFSET	ELEVATION	Y COORDS	X COORDS	DESCRIPTION
2-01	164+34.55 'MB'	25.51' LT	967.50	521,947.51	863,116.61	BEGIN CG
2-02	164+49.11 'MB'	25.61' LT	967.54	521,952.53	863,130.28	BEGIN CURB RADIUS 65'
2-03	164+55.92 'MB'	25.93' LT	967.56	521,955.13	863,136.58	CURB RADIUS 65'
2-04	164+62.66 'MB'	26.95' LT	967.56	521,958.38	863,142.58	END CURB RADIUS 65'
2-05	164+94.52 'MB'	44.53' LT	967.48	521,985.70	863,166.61	BEGIN CURB RADIUS 77'
2-06	165+03.50 'MB'	56.98' LT	967.51	522,000.45	863,170.85	CURB RADIUS 77'
2-07	165+09.83 'MB'	70.96' LT	967.53	522,015.75	863,172.08	END CURB RADIUS 77'
2-08	165+69.87 'MB'	63.90' LT	967.19	522,029.41	863,230.97	BEGIN CURB RADIUS 43'
2-09	165+77.79 'MB'	43.40' LT	967.37	522,012.79	863,245.36	CURB RADIUS 43'
2-10	165+94.76 'MB'	29.42' LT	967.59	522,005.39	863,266.05	END CURB RADIUS 43'
2-11	165+78.70 'MB'	27.73' RT	967.57	521,946.17	863,270.28	BEGIN CURB RADIUS 90'
2-12	165+65.93 'MB'	27.81' RT	967.56	521,941.77	863,258.29	CURB RADIUS 90'
2-13	165+53.30 'MB'	29.70' RT	967.57	521,935.73	863,247.04	END CURB RADIUS 90'
2-14	165+32.93 'MB'	40.07' RT	967.45	521,919.07	863,231.37	BEGIN CURB RADIUS 50'
2-15	165+24.08 'MB'	48.16' RT	967.31	521,908.46	863,225.78	CURB RADIUS 50'
2-16	165+17.43 'MB'	58.14' RT	967.08	521,896.83	863,222.90	END CURB RADIUS 50'
2-17	164+41.45 'MB'	55.83' RT	967.08	521,873.30	863,150.62	BEGIN CURB RADIUS 44'
2-18	164+34.15 'MB'	44.57' RT	967.22	521,881.43	863,139.94	CURB RADIUS 44'
2-19	164+21.42 'MB'	34.57' RT	967.43	521,886.53	863,124.58	END CURB RADIUS 44'



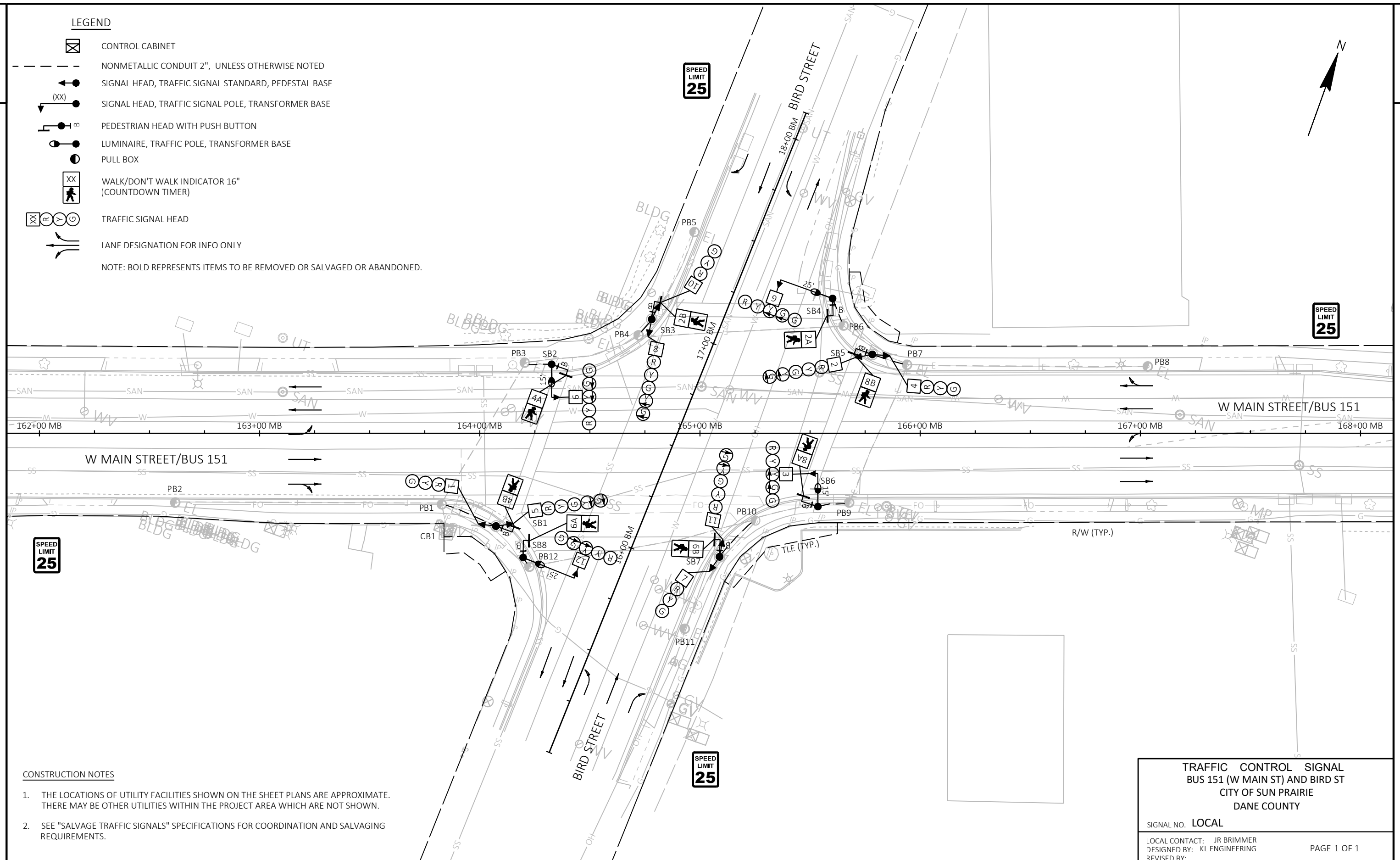




LEGEND

- | | |
|---|---|
|  | CONTROL CABINET |
|  | NONMETALLIC CONDUIT 2", UNLESS OTHERWISE NOTED |
|  | SIGNAL HEAD, TRAFFIC SIGNAL STANDARD, PEDESTAL BASE |
|  | SIGNAL HEAD, TRAFFIC SIGNAL POLE, TRANSFORMER BASE |
|  | PEDESTRIAN HEAD WITH PUSH BUTTON |
|  | LUMINAIRE, TRAFFIC POLE, TRANSFORMER BASE |
|  | PULL BOX |
|  | WALK/DON'T WALK INDICATOR 16"
(COUNTDOWN TIMER) |
|  | TRAFFIC SIGNAL HEAD |
|  | LANE DESIGNATION FOR INFO ONLY |

NOTE: BOLD REPRESENTS ITEMS TO BE REMOVED OR SALVAGED OR ABANDONED.



CONSTRUCTION NOTES

1. THE LOCATIONS OF UTILITY FACILITIES SHOWN ON THE SHEET PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITIES WITHIN THE PROJECT AREA WHICH ARE NOT SHOWN.
2. SEE "SALVAGE TRAFFIC SIGNALS" SPECIFICATIONS FOR COORDINATION AND SALVAGING REQUIREMENTS.

TRAFFIC CONTROL SIGNAL
BUS 151 (W MAIN ST) AND BIRD ST
CITY OF SUN PRAIRIE
DANE COUNTY

SIGNAL NO. LOCAL

LOCAL CONTACT: JR BRIMMER
DESIGNED BY: KL ENGINEERING
REVISED BY:

PAGE 1 OF 1

PROJECT NO:	3996-00-10
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HWY: LOCAL STREETS

COUNTY: DANE

TRAFFIC SIGNAL REMOVAL PLAN

SHEET

E

