



MEMORANDUM

DATE: March 15, 2019

TO: Commissioners

FROM: Dan Duchniak, General Manager

RE: Relocation Order Resolution and Resolution of Public Necessity for the easements necessary for the return flow pipeline portion of the Great Water Alliance program

As part of the Great Water Alliance program that will bring Great Lakes water from the City of Milwaukee to the residents in the City of Waukesha, the approval requires the water to be returned to the Great Lakes Basin. In order to accomplish this, a return flow pipeline will be constructed from the Clean Water Plant in Waukesha to a parcel in the City of Franklin at 60th Street and Oakwood Road that is adjacent to the Root River, which discharges into Lake Michigan.

As part of the program, Greeley and Hansen has evaluated several alternatives for the alignment of the Return Flow Pipeline. The preferred route for the Return Flow Pipeline requires 11 easements to avoid construction in the portion of Ryan Road in Franklin that Milwaukee County recently rebuilt as well as avoiding wetlands. Another easement in New Berlin is required to cross I-43.

The 10 easements originally identified and included in the original packet along I-43 are not necessary at this time as we have received approval to utilize the I-43 Right of Way. These easements have been eliminated from the original order and resolution as a result of this approval.

Additionally, a routing alternative near West Sunset Drive and South West Avenue was identified. This route will avoid a congested intersection with several existing utilities and infrastructure as well as providing an efficient means of boring under the railroad tracks in that area. This change will require an additional three easements for construction and are included in the updated relocation order.

In order to continue to ensure the selected route will be available for construction to enable us to meet the requirements in the Amended Stipulation and Order, staff is recommending that an updated Relocation Order Resolution and Resolution of Public Necessity be approved to indicate the City is planning to utilize the properties for easements for the pipeline. We will then begin the negotiations with the property owners to acquire the necessary easements on

the properties involved. If negotiations are not successful, which we have no reason to believe they will not be, the City will be able to utilize its powers of eminent domain to acquire the easements.

As part of our contract with Greeley and Hansen, we have been working with subcontractors from the Highland Group and Terra Ventures, firms that specializes in this type of transaction. The City Attorney's office has been appraised of all developments and will monitor the transaction.

Once this resolution is passed, the item will be placed on the Common Council agenda for official action. A certified copy of the resolution must be filed with the Milwaukee County Clerk and the Waukesha County Clerk for the respective properties within twenty days of its adoption and final approval by the City Clerk.

I look forward to discussing this with you at the commission meeting on March 21, 2019. Please let me know if you have any questions you would like to discuss.

Recommended motion: Recommend approval of the Relocation Order Resolution and Resolution of Public Necessity for the easements necessary for the return flow pipeline portion of the Great Water Alliance program

**Common Council
of the
City of Waukesha, Wisconsin**

Resolution No. _____-19

**RELOCATION ORDER RESOLUTION AND RESOLUTION OF PUBLIC
NECESSITY FOR THE WAUKESHA WATER UTILITY PIPELINE IN WAUKESHA COUNTY**

WHEREAS, the City of Waukesha and the Waukesha Water Utility has determined that a new pipeline must be installed in order to return clean water to the Root River from the City of Waukesha, as part of the Great Water Alliance, in Waukesha County, thereof as further described in attached Plat of Right-of-Way, Plat Sheet 4.10 (hereinafter the "Property").

NOW, THEREFORE, BE IT HEREBY RESOLVED by the Common Council of the City of Waukesha, Waukesha County, Wisconsin, as follows:

1. That this Resolution is a relocation order, further described in attached relocation order, in accordance with subsection 32.05(1), Wisconsin Statutes, for the purpose of the public improvement project described herein and it is also a determination of necessity for that project in accordance with subsection 32.07(2), Wisconsin Statutes;
2. That the Common Council of the City of Waukesha hereby determines that it is necessary and a public purpose to construct a new pipeline to be located on multiple properties in the County of Waukesha;
3. That said the new pipeline will be constructed within the area depicted on the Plat of Right-Way drawing, Plat Sheet 4.10, labeled "Permanent Limited Easement for Water Line" attached hereto, and incorporated herein as Exhibit A;
4. That the Waukesha Water Utility will acquire permanent easements for such work;
5. That the legal description of said lands will be prepared prior to completing final negotiations with the Property owner and are incorporated by reference;
6. That a certified copy of this resolution shall be filed with the Waukesha County Clerk within twenty (20) days of its adoption and final approval by City Clerk.

I hereby certify that on this _____ Day of _____, 2019, this relocation order resolution and resolution of public necessity adopted by a vote of ___ ayes and ___ nays by the Common Council of the City of Waukesha, Waukesha County, Wisconsin.

CITY OF WAUKESHA

Shawn N. Reilly, Mayor

ATTEST:

Gina L. Kozlik, City Clerk

RELOCATION ORDER

lpa1708 08/2011 (Replaces LPA3006)

Project: GWA Water Line	Road Name: City of Waukesha - West Sunset Drive		County: Waukesha
Right of way plat date 02/28/2019	Plat sheet number(s) 4.10	Previously approved Relocation Order date N/A	

Description of termini of project: A point located 24.97' south and 877.22' west of the North Quarter Corner of Section 15, Township 6 North, Range 19 East, said point being the BEGINNING OF THIS RELOCATION ORDER (STA 118+00); thence easterly 877.58' to the North Quarter Corner of Section 15, Township 6 North, Range 19 East, said point being the END OF THIS RELOCATION ORDER (STA 126+77.58).

To properly establish, lay out, widen, enlarge, extend, construct, reconstruct, improve, or maintain a water transmission line, it is necessary to relocate or change and acquire certain lands or interests in lands as shown on the right of way plat for the above project.

To effect this change, pursuant to authority granted under Sections 32.05(1) and 32.07(2), Wisconsin Statutes, the Waukesha Water Utility orders that:

1. The said easement is laid out and established to the lines and widths as shown on the plat.
2. The required lands or interests in lands as shown on the plat shall be acquired by: Waukesha Water Utility
3. This order supersedes and amends any previous order issued by the: Waukesha Water Utility

Name and Title

Date

NOTES:

BEARINGS ON THIS MAP ARE BASED ON THE WISCONSIN STATE PLANE COORDINATE SYSTEM (SOUTH ZONE) NAD27 DISTANCES ARE GROUND VALUES. COORDINATES ARE GRID. GROUND TO GRID SCALE FACTOR IS 0.99992991

ALL NEW RIGHT-OF-WAY MONUMENTS WILL BE TYPE 2 (TYPICALLY 3/4" X 24" IRON REBARS WITH PLASTIC CAPS), UNLESS OTHERWISE NOTED, WILL BE PLACED PRIOR TO THE COMPLETION OF THE PROJECT.

ALL RIGHT-OF-WAY LINES ARE INTENDED TO RE-ESTABLISH EXISTING RIGHT-OF-WAY LINES AS DETERMINED FROM PREVIOUS PROJECTS, OTHER RECORDED DOCUMENTS, OR FROM CENTERLINE OF EXISTING PAVEMENTS.

RIGHT-OF-WAY BOUNDARIES ARE DEFINED WITH COURSES OF THE PERIMETER OF THE HIGHWAY LANDS REFERENCED TO THE U.S. PUBLIC LAND SURVEY SYSTEM OR OTHER "SURVEYS" OF PUBLIC RECORD.

DIMENSIONING FOR THE NEW RIGHT-OF-WAY IS MEASURED ALONG AND PERPENDICULAR TO THE NEW REFERENCE LINES.

PROPERTY LINES SHOWN ON THIS PLAT ARE DRAWN FROM DATA DERIVED FROM MAPS AND DOCUMENTS OF PUBLIC RECORD AND/OR EXISTING OCCUPATIONAL LINES. THIS PLAT MAY NOT BE A TRUE REPRESENTATION OF EXISTING PROPERTY LINES, EXCLUDING RIGHT-OF-WAY, AND SHOULD NOT BE USED AS A SUBSTITUTE FOR AN ACCURATE FIELD SURVEY.

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:

EXISTING HIGHWAY RIGHT-OF-WAY FOR CTH H (STH 100) ESTABLISHED FROM BRIARWOOD SUBDIVISION, CSM 9095, CSM 5050, CSM 349, CSM 8195, CSM 584, CSM 348, AND THE NORTH LINES OF SECTION 30, SECTION 29, SECTION 28.

EXISTING HIGHWAY RIGHT-OF-WAY FOR S. 112TH ST. ESTABLISHED FROM CSM 9095 AND THE WEST LINE OF THE NORTH EAST QUARTER OF SECTION 30

EXISTING HIGHWAY RIGHT-OF-WAY FOR S. 92ND ST. ESTABLISHED FROM BRIARWOOD SUBDIVISIONS, CSM 7584, CSM 584, AND THE WEST LINE OF SECTION 28

EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 100 (ST. MARTINS RD.) ESTABLISHED FROM DIVISION JOB NO. 2537

EXISTING HIGHWAY RIGHT-OF-WAY FOR I-43 ESTABLISHED FROM PROJECT T015-2 (15).

EXISTING HIGHWAY RIGHT-OF-WAY FOR S. MARTIN RD. ESTABLISHED FROM PROJECT T015-2 (15).

EXISTING HIGHWAY RIGHT-OF-WAY FOR S. RACINE CT. ESTABLISHED FROM PROJECT T015-2 (15).

EXISTING HIGHWAY RIGHT-OF-WAY FOR S. SUMMIT LN ESTABLISHED FROM HI-KNOWLL SUBDIVISION.

EXISTING HIGHWAY RIGHT-OF-WAY FOR S. CALHOUN RD. ESTABLISHED FROM CSM 4166, CSM 5027, CSM 1207 AND SUN SHADOWS WEST SUBDIVISION.

EXISTING HIGHWAY RIGHT-OF-WAY FOR W. SMALL RD. ESTABLISHED FROM CSM 1174 AND CSM 584.

EXISTING HIGHWAY RIGHT-OF-WAY FOR S. CALHOUN RD. ESTABLISHED FROM SUN SHADOWS WEST SUBDIVISION.

EXISTING HIGHWAY RIGHT-OF-WAY FOR W. SUNSET DR. ESTABLISHED FROM CSM 4817, CSM 4806, CSM 10104, R/W DOCUMENT 1732783, AND THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 15

EXISTING HIGHWAY RIGHT-OF-WAY FOR S. WEST AVE. ESTABLISHED FROM SUNSET HEIGHTS ADDITION NO 1, CSM 4417, CSM 10104, R/W DOC 3844513, AND THE EAST LINE OF THE NORTHWEST QUARTER OF SECTION 15.

BEGIN RELOCATION ORDER
PROJECT NUMBER 15130
STA 118+00
LOCATED 24.97' SOUTH AND 877.22' WEST
OF THE NORTH 1/4 CORNER OF
SECTION 15, T6N, R19E.

CONVENTIONAL ABBREVIATIONS

ACCESS RIGHTS	AR	POINT OF CURVATURE	PC
ACRES	AC	POINT OF COMPOUND CURVE	PCC
AHEAD	AH	POINT OF INTERSECTION	PI
ALUMINUM	ALUM	PROPERTY LINE	PL
AND OTHERS	ET AL	RECORDED AS	(100')
BACK	BK	REFERENCE LINE	R/L
BUILDING	BLDG	REMAINING	REM
BLOCK	BLK	RIGHT	RT
CENTERLINE	C/L	RIGHT OF WAY	R/W
CERTIFIED SURVEY MAP	CSM	SECTION	SEC
CONCRETE	CONC	SEPTIC VENT	SEPV
COUNTY	CO	SQUARE FEET	SF
COUNTY TRUNK HIGHWAY	CTH	STATE TRUNK HIGHWAY	STH
DISTANCE	DIST	STATION	STA
CORNER	COR	SUBDIVISION	SUBD
DOCUMENT NUMBER	DOC	TANGENT	TAN
EASEMENT	EASE	TELEPHONE PEDESTAL	TP
EXISTING	EX	TEMPORARY LIMITED	TLE
GAS VALVE	GV	EASEMENT	
GRID NORTH	GN	TRANSPORTATION PROJECT	TPP
HIGHWAY EASEMENT	HE	PLAT	
HOUSE	HSE	UNITED STATES HIGHWAY	USH
IDENTIFICATION	ID	VOLUME	V
LAND CONTRACT	LC		
LEFT	LT		
MONUMENT	MON		
NATIONAL GEODETIC SURVEY	NGS		
NUMBER	NO		
OUTLOT	OL		
PAGE	P		
POINT OF TANGENCY	PT		
PERMANENT LIMITED	PLE		
EASEMENT			
POINT OF BEGINNING	POB		

CURVE DATA

LONG CHORD	LC
LONG CHORD BEARING	LCB
RADIUS	R
DEGREE OF CURVE	D
CENTRAL ANGLE OR DELTA	Δ
LENGTH OF CURVE	L
TANGENT	T
DIRECTION AHEAD	DA
DIRECTION BACK	DB

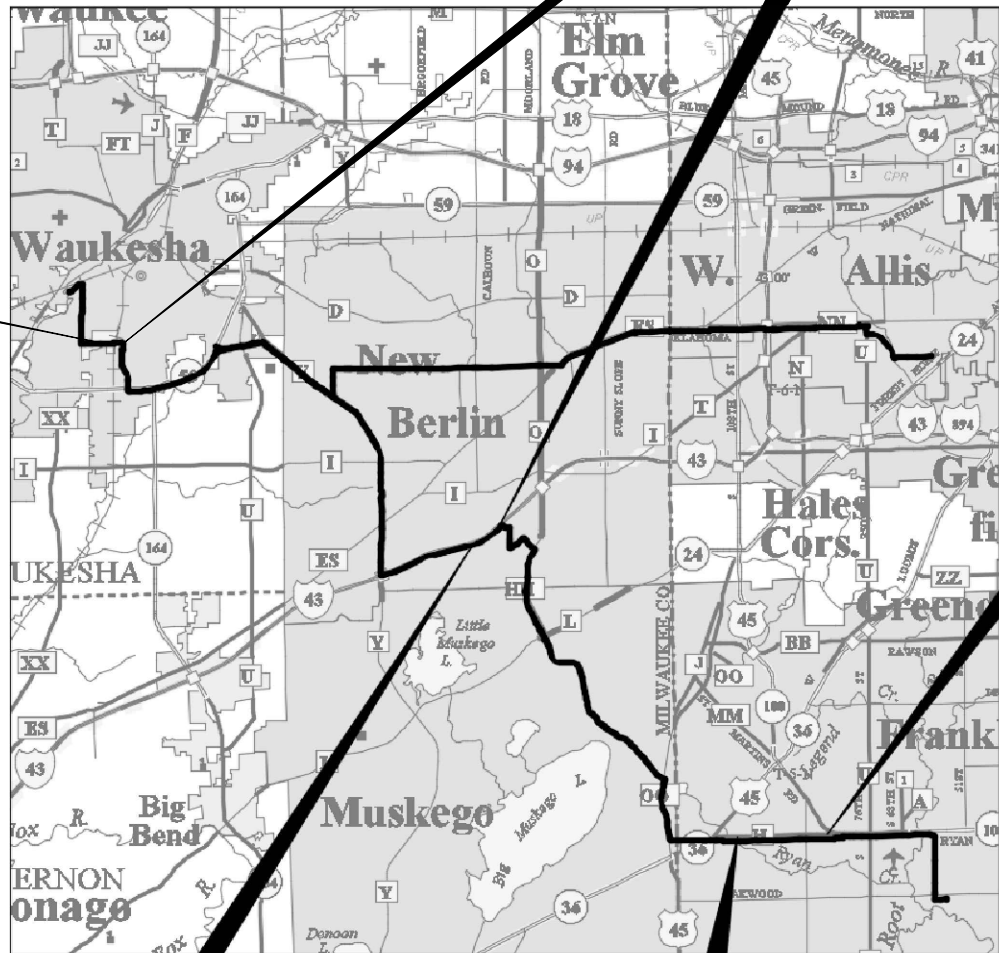
BEGIN RELOCATION ORDER
PROJECT NUMBER 15130
STA 735+00"EB"
LOCATED 690.11' SOUTH AND 1379.20' WEST
OF THE NORTH 1/4 CORNER OF
SECTION 34, T6N, R20E.

CONVENTIONAL SYMBOLS

SECTION LINE	---	SECTION CORNER SYMBOL	⊙	R/W MONUMENT (TO BE SET)	●
QUARTER LINE	---	SECTION CORNER MONUMENT	⊕	NON-MONUMENTED R/W POINT	○
SIXTEENTH LINE	---	GEODETIC SURVEY MONUMENT	⊙	FOUND IRON PIN (1/2-INCH UNLESS NOTED)	IP
NEW REFERENCE LINE	---	SIXTEENTH CORNER MONUMENT	⊙	OFF-PREMISE SIGN	⊕
NEW R/W LINE	---	SIGN	⊕	COMPENSABLE	⊕
EXISTING R/W OR HE LINE	---	SIGN	⊕	NON-COMPENSABLE	⊕
PROPERTY LINE	---	SIGN	⊕		
LOT, TIE & OTHER MINOR LINES	---				
SLOPE INTERCEPT	---				
CORPORATE LIMITS	---				
UNDERGROUND FACILITY (COMMUNICATIONS, ELECTRIC, ETC)	---				
NEW R/W (FEE OR HE) (HATCHING VARIES BY OWNER)	---				
TEMPORARY LIMITED EASEMENT AREA	---				
EASEMENT AREA (PERMANENT LIMITED OR RESTRICTED DEVELOPMENT)	---				
TRANSMISSION STRUCTURES	---				
BUILDING TO BE REMOVED	---				
BRIDGE	---				

CONVENTIONAL UTILITY SYMBOLS

WATER	---	SANITARY SEWER	---
GAS	---	STORM SEWER	---
TELEPHONE OVERHEAD TRANSMISSION LINES	---	POWER POLE	---
ELECTRIC	---	TELEPHONE POLE	---
CABLE TELEVISION	---	TELEPHONE PEDESTAL	---
FIBER OPTIC	---	ELECTRIC TOWER	---

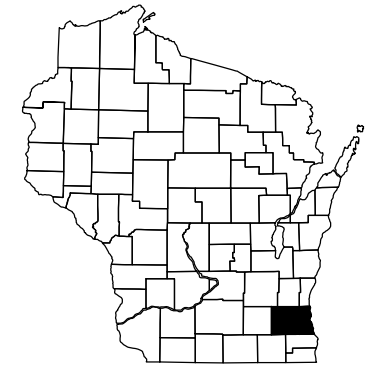


END RELOCATION ORDER
PROJECT NUMBER 15130
STA 126+77.58
LOCATED AT THE NORTH 1/4 CORNER
OF SECTION 15, T6N, R19E.

END RELOCATION ORDER
PROJECT NUMBER 15130
STA 750+00
LOCATED 375.19' NORTH AND 255.66' WEST
OF THE NORTH 1/4 CORNER OF SECTION 34, T6N, R20E.

REVISION DATE
FEB. 08, 2019.
FEB. 28, 2019.

R/W PROJECT NUMBER 15130	SHEET NUMBER 4.01	TOTAL SHEETS 10
PLAT OF RIGHT-OF-WAY REQUIRED FOR WAUKESHA WATER UTILITY I-43 / COUNTY HIGHWAY H /WEST SUNSET DRIVE WAUKESHA COUNTY MILWAUKEE COUNTY		



ACCEPTED FOR
WAUKESHA WATER UTILITY

(Date) _____ Mayor _____

ORIGINAL PLAT PREPARED BY



THIS SURVEY IS PREPARED AT THE REQUEST OF WAUKESHA WATER UTILITY.

THE FIELD SURVEY WAS PERFORMED IN SEPT/OCT 2018.

THIS SURVEY IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



(SIGNATURE) *Benjamin J. Larson*
DATE: 11-19-2018
(PRINTED NAME) BENJAMIN J LARSON
(REGISTRATION NUMBER) S-3006

E

SCHEDULE OF LANDS & INTERESTS REQUIRED

OWNER'S NAMES ARE SHOWN FOR REFERENCE PURPOSES ONLY AND ARE SUBJECT TO CHANGE PRIOR TO THE TRANSFER OF LAND INTERESTS TO THE VILLAGE.

AREAS SHOWN IN THE TOTAL AC. COLUMN MAY BE APPROXIMATE AND ARE DERIVED FROM TAX ROLLS OR OTHER AVAILABLE SOURCES AND MAY NOT INCLUDE LANDS OF THE OWNER WHICH ARE NOT CONTIGUOUS TO THE AREA TO BE ACQUIRED.

4

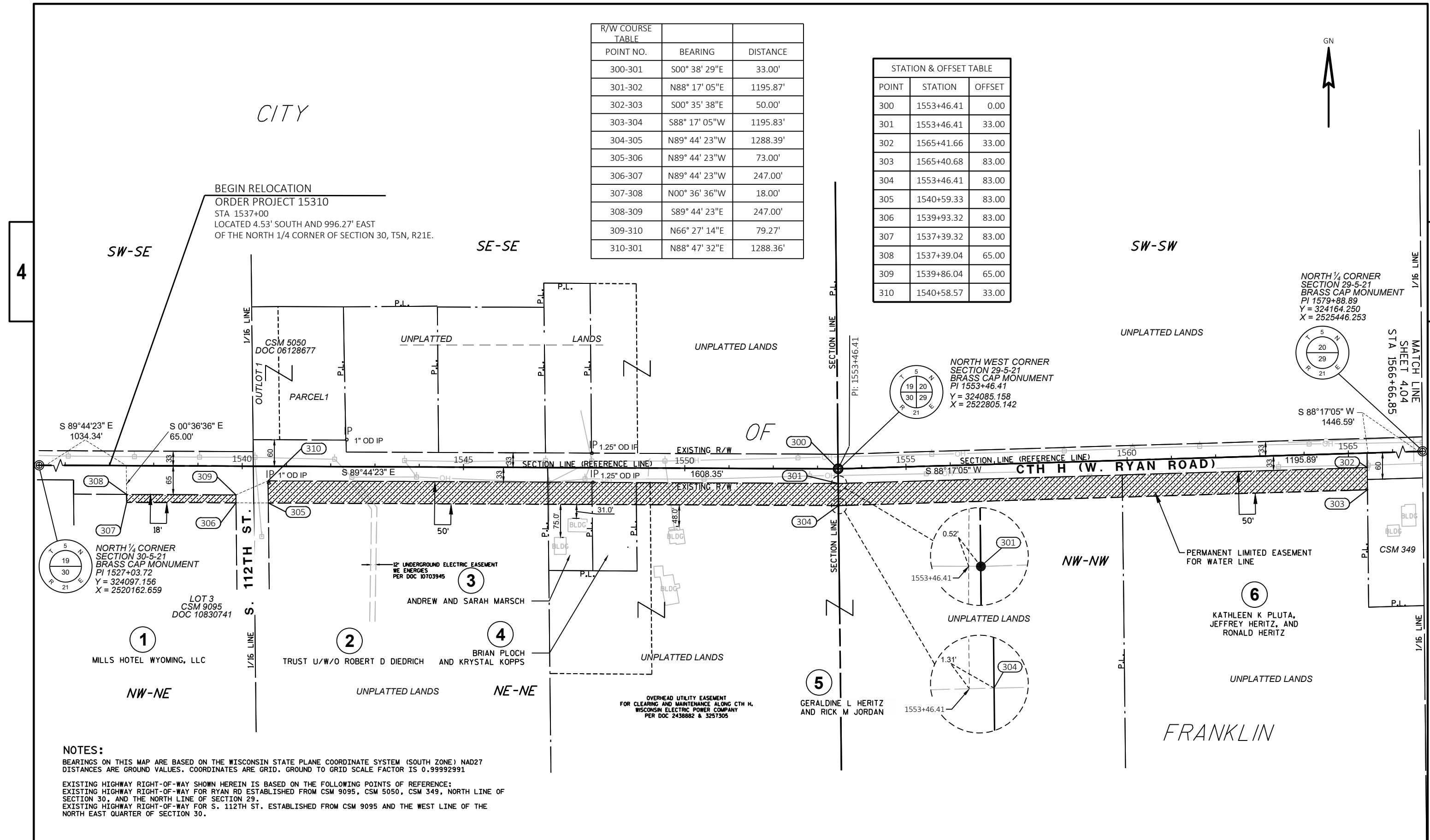
4

PARCEL NUMBER	SHEET NUMBER	OWNER (S)	INTEREST REQUIRED	R/W ACRES REQUIRED			TLE ACRES	PLE ACRES	TOTAL PARCEL ACRES
				NEW	EXISTING	TOTAL			
1	4.03(3)	MILLS HOTEL WYOMING, LLC	PLE					0.10	31.91
2	4.03(2)	TRUST U/W/O ROBERT D DIEDRICH	PLE					0.73	19.25
3	4.03(2)	ANDREW AND SARAH MARSCH	PLE					0.11	0.46
4	4.03(2)	BRIAN PLOCH AND KRYSTAL KOPPS	PLE					0.11	0.46
5	4.03(2)	GERALDINE L HERITZ AND RICK M JORDAN	PLE					1.26	37.58
6	4.03(2)	KATHLEEN K PLUTA, JEFFREY HERITZ, AND RONALD HERITZ	PLE					0.64	19.20
7	4.04(2)	JOHN T & MARSHA J NAPIENTEK	PLE					1.52	39.12
8	4.05(2)	ARCHDIOCESE OF MILWAUKEE, A WISCONSIN CORPORATION	PLE					2.78	159.70
9	4.06(1)	ELIMINATED	PLE					1.13	13.19
10	4.06(1)	ELIMINATED	PLE					1.66	10.22
11	4.06(1)	ELIMINATED	PLE					0.53	4.90
12	4.07(1)	ELIMINATED	PLE					1.12	8.76
13	4.07(1)	ELIMINATED	PLE					1.23	4.35
14	4.07(1)	ELIMINATED	PLE					0.77	6.00
15	4.08(1)	ELIMINATED	PLE					2.81	32.97
16	4.09(1)	ELIMINATED	PLE					0.08	1.19
17	4.09(1)	ELIMINATED	PLE					0.05	1.05
18	4.09(2)	GERALD R MCLAIN AND LORA M MCLAIN	PLE					2.36	37.82
19	4.10(3)	HCCP, LLC	PLE					0.11	0.88
20	4.10(3)	OLYMPIA - WAUKESHA, LLC	PLE					0.07	2.39
21	4.10(3)	SUNSET BANK & SAVINGS	PLE					0.23	1.11

DATE 11/19/2018	SCALE, FEET 0	HWY: CTH H (RYAN ROAD) / I-43 / W SUNSET DR	PLAT SHEET 4.02
GRID FACTOR		COUNTY: MILWAUKEE	PS&E SHEET

R/W COURSE TABLE		
POINT NO.	BEARING	DISTANCE
300-301	S00° 38' 29"E	33.00'
301-302	N88° 17' 05"E	1195.87'
302-303	S00° 35' 38"E	50.00'
303-304	S88° 17' 05"W	1195.83'
304-305	N89° 44' 23"W	1288.39'
305-306	N89° 44' 23"W	73.00'
306-307	N89° 44' 23"W	247.00'
307-308	N00° 36' 36"W	18.00'
308-309	S89° 44' 23"E	247.00'
309-310	N66° 27' 14"E	79.27'
310-301	N88° 47' 32"E	1288.36'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
300	1553+46.41	0.00
301	1553+46.41	33.00
302	1565+41.66	33.00
303	1565+40.68	83.00
304	1553+46.41	83.00
305	1540+59.33	83.00
306	1539+93.32	83.00
307	1537+39.32	83.00
308	1537+39.04	65.00
309	1539+86.04	65.00
310	1540+58.57	33.00



BEGIN RELOCATION
 ORDER PROJECT 15310
 STA 1537+00
 LOCATED 4.53' SOUTH AND 996.27' EAST
 OF THE NORTH 1/4 CORNER OF SECTION 30, T5N, R21E.

NORTH 1/4 CORNER
 SECTION 29-5-21
 BRASS CAP MONUMENT
 PI 1579+88.89
 Y = 324164.250
 X = 2525446.253

NORTH WEST CORNER
 SECTION 29-5-21
 BRASS CAP MONUMENT
 PI 1553+46.41
 Y = 324085.158
 X = 2522805.142

NORTH 1/4 CORNER
 SECTION 30-5-21
 BRASS CAP MONUMENT
 PI 1527+03.72
 Y = 324097.156
 X = 2520162.659

NOTES:
 BEARINGS ON THIS MAP ARE BASED ON THE WISCONSIN STATE PLANE COORDINATE SYSTEM (SOUTH ZONE) NAD27
 DISTANCES ARE GROUND VALUES. COORDINATES ARE GRID. GROUND TO GRID SCALE FACTOR IS 0.99992991
 EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
 EXISTING HIGHWAY RIGHT-OF-WAY FOR RYAN RD ESTABLISHED FROM CSM 9095, CSM 5050, CSM 349, NORTH LINE OF
 SECTION 30, AND THE NORTH LINE OF SECTION 29.
 EXISTING HIGHWAY RIGHT-OF-WAY FOR S. 112TH ST. ESTABLISHED FROM CSM 9095 AND THE WEST LINE OF THE
 NORTH EAST QUARTER OF SECTION 30.

DATE 11/19/2018	SCALE, FEET 0 100 200	HWY: CTH H (RYAN ROAD)	PLAT SHEET 4.03
GRID FACTOR 0.99992991		COUNTY: MILWAUKEE	PS&E SHEET



CITY

SW-SW

SW-SE

R/W COURSE TABLE		
POINT NO.	BEARING	DISTANCE
400 - 401	S00° 35' 12"E	33.00'
401 - 402	N88° 17' 05"E	1321.23'
402 - 403	S00° 33' 46"E	50.01'
403 - 404	S88° 17' 05"W	1321.21'
404 - 401	N00° 35' 12"W	50.01'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
400	1566+67.65	0.00
401	1566+67.00	33.00
402	1579+88.23	33.00
403	1579+87.22	83.00
404	1566+66.02	83.00

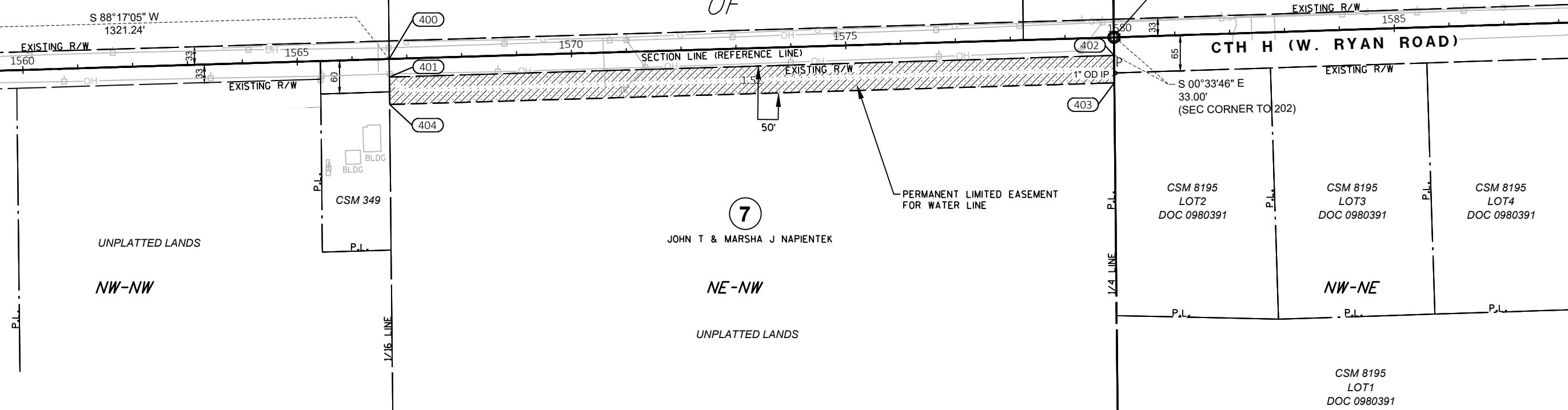
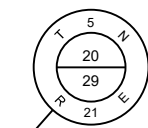
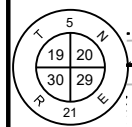
SE-SW

UNPLATTED LANDS

UNPLATTED LANDS

NORTH 1/4 CORNER
SECTION 29-5-21
BRASS CAP MONUMENT UNPLATTED LANDS
Y = 324164.250
X = 2525446.253

NORTH WEST CORNER
SECTION 29-5-21
BRASS CAP MONUMENT
Y = 324085.158
X = 2522805.142



UNPLATTED LANDS

NW-NW

JOHN T & MARSHA J NAPIENTEK

NE-NW

UNPLATTED LANDS

CSM 8195 LOT2 DOC 0980391

CSM 8195 LOT3 DOC 0980391

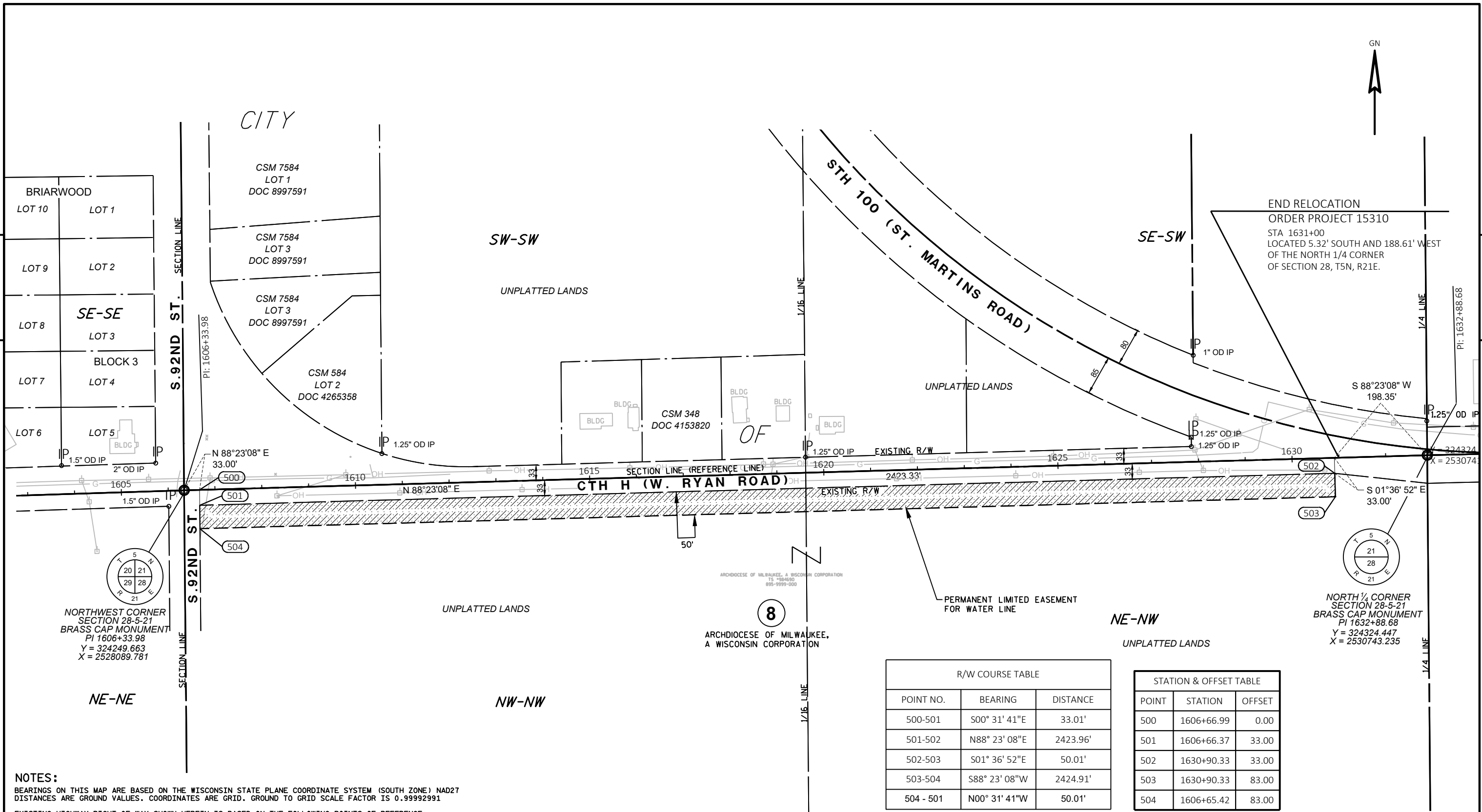
CSM 8195 LOT4 DOC 0980391

CSM 8195 LOT1 DOC 0980391

FRANKLIN

NOTES:
BEARINGS ON THIS MAP ARE BASED ON THE WISCONSIN STATE PLANE COORDINATE SYSTEM (SOUTH ZONE) NAD27
DISTANCES ARE GROUND VALUES. COORDINATES ARE GRID. GROUND TO GRID SCALE FACTOR IS 0.99992991 .
EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
EXISTING HIGHWAY RIGHT-OF-WAY FOR RYAN RD ESTABLISHED FROM CSM 5050, CSM 8195, AND THE NORTH LINE OF SECTION 29.

DATE 11/19/2018	SCALE, FEET 0 100 200	HWY: CTH H (RYAN ROAD)	PLAT SHEET 4.04
GRID FACTOR 0.99992991		COUNTY: MILWAUKEE	PS&E SHEET _____



END RELOCATION
ORDER PROJECT 15310
STA 1631+00
LOCATED 5.32' SOUTH AND 188.61' WEST
OF THE NORTH 1/4 CORNER
OF SECTION 28, T5N, R21E.

NORTHWEST CORNER
SECTION 28-5-21
BRASS CAP MONUMENT
PI 1606+33.98
Y = 324249.663
X = 2528089.781

NORTH 1/4 CORNER
SECTION 28-5-21
BRASS CAP MONUMENT
PI 1632+88.68
Y = 324324.447
X = 2530743.235

R/W COURSE TABLE

POINT NO.	BEARING	DISTANCE
500-501	S00° 31' 41"E	33.01'
501-502	N88° 23' 08"E	2423.96'
502-503	S01° 36' 52"E	50.01'
503-504	S88° 23' 08"W	2424.91'
504 - 501	N00° 31' 41"W	50.01'

STATION & OFFSET TABLE

POINT	STATION	OFFSET
500	1606+66.99	0.00
501	1606+66.37	33.00
502	1630+90.33	33.00
503	1630+90.33	83.00
504	1606+65.42	83.00

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NORTH LINE OF SECTION 29, AND THE NORTH LINE SECTION 28.
EXISTING HIGHWAY RIGHT-OF-WAY FOR S. 92ND ST. ESTABLISHED FROM BRIARWOOD SUBDIVISION, CSM 7584, CSM
584, AND THE WEST LINE OF SECTION 28.
EXISTING HIGHWAY RIGHT-OF-WAY FOR STH 100 ESTABLISHED FROM DIVISION JOB NO. 2537

DATE 11/19/2018	SCALE, FEET 0 100 200	HWY: CTH H (RYAN ROAD)	PLAT SHEET 4.05
GRID FACTOR 0.99992991		COUNTY: MILWAUKEE	PS&E SHEET

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 EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
 EXISTING HIGHWAY RIGHT-OF-WAY FOR I-43 ESTABLISHED FROM PROJECT T015-2 (15).
 EXISTING HIGHWAY RIGHT-OF-WAY FOR S.MARTIN RD. ESTABLISHED FROM PROJECT T015-2 (15).
 EXISTING HIGHWAY RIGHT-OF-WAY FOR S. RACINE CT. ESTABLISHED FROM PROJECT T015-2 (15).

CITY

SE-NE

SW-NW

NW-SE

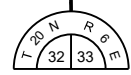
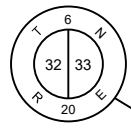
NE-SE

NW-SW

CENTER 1/4 CORNER
 SECTION 32-6-20
 BRASS CAP MONUMENT
 Y = 347050.899
 X = 2493133.988

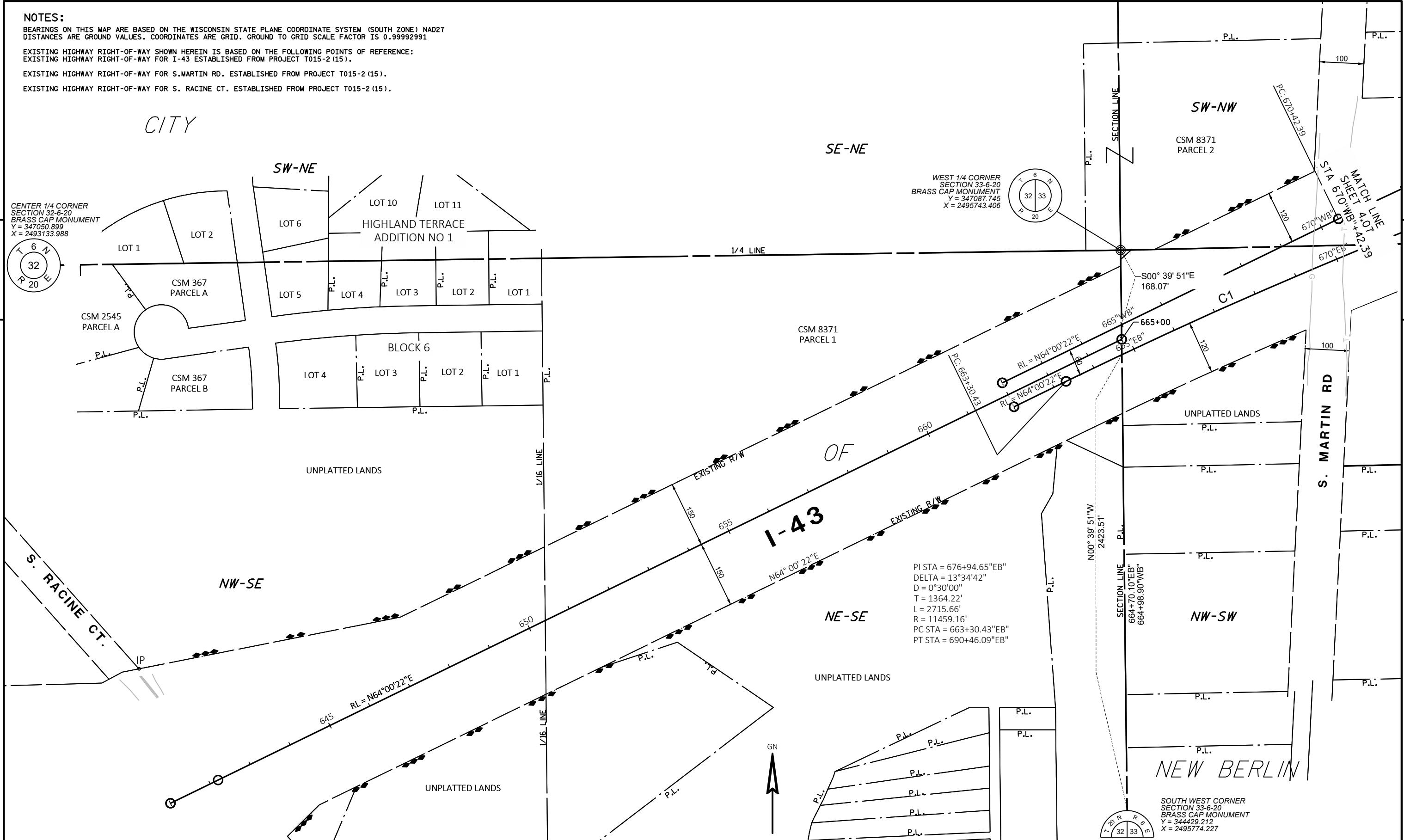
WEST 1/4 CORNER
 SECTION 33-6-20
 BRASS CAP MONUMENT
 Y = 347087.745
 X = 2495743.406

SOUTH WEST CORNER
 SECTION 33-6-20
 BRASS CAP MONUMENT
 Y = 344429.212
 X = 2495774.227



4

4



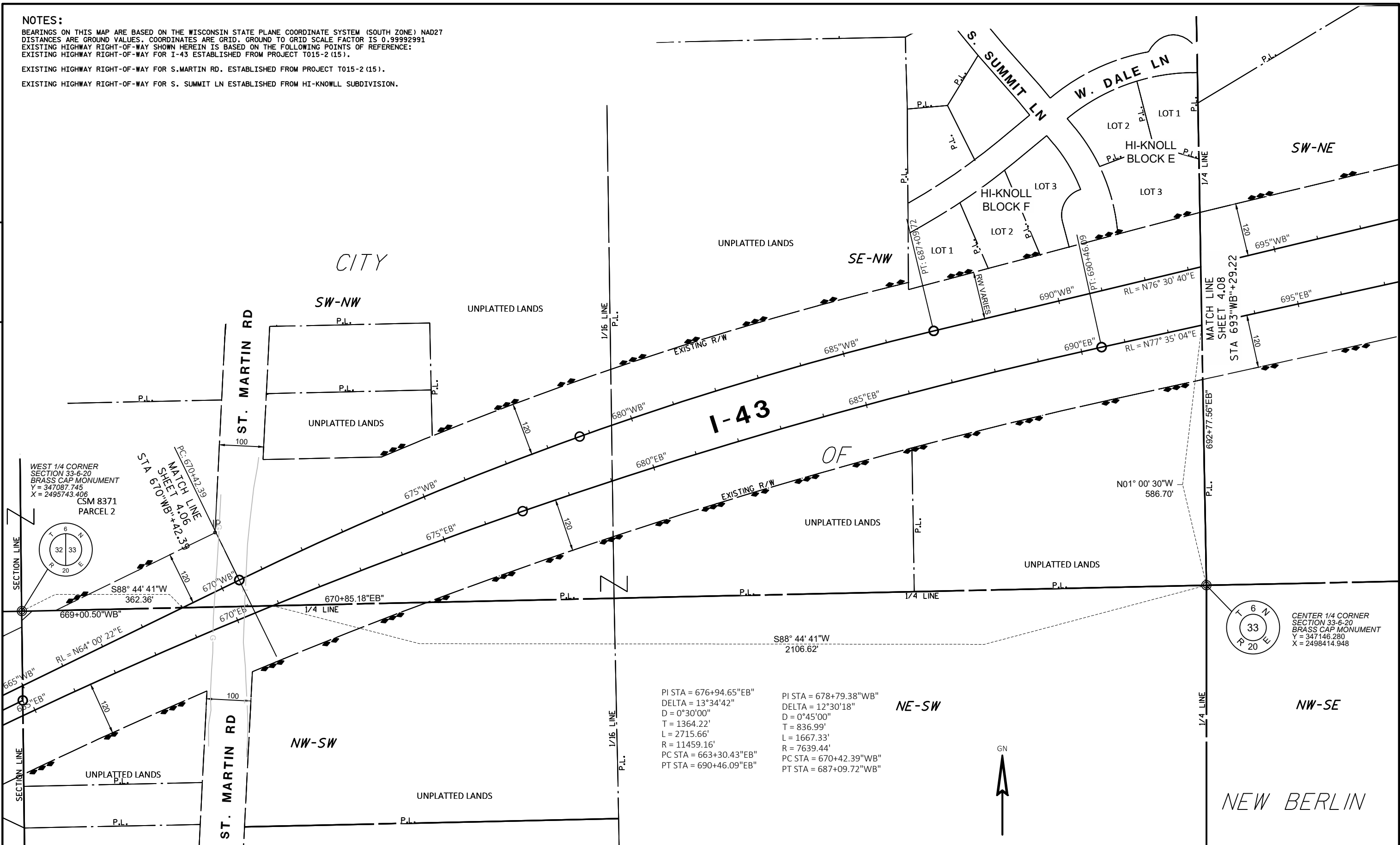
DATE 11/19/2018	SCALE, FEET 0 100 200	HWY: I-43	PLAT SHEET 4.06
GRID FACTOR 0.99992991	COUNTY: WAUKESHA		PS&E SHEET

NOTES:

BEARINGS ON THIS MAP ARE BASED ON THE WISCONSIN STATE PLANE COORDINATE SYSTEM (SOUTH ZONE) NAD27
 DISTANCES ARE GROUND VALUES. COORDINATES ARE GRID. GROUND TO GRID SCALE FACTOR IS 0.99992991
 EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
 EXISTING HIGHWAY RIGHT-OF-WAY FOR I-43 ESTABLISHED FROM PROJECT T015-2 (15).
 EXISTING HIGHWAY RIGHT-OF-WAY FOR S. MARTIN RD. ESTABLISHED FROM PROJECT T015-2 (15).
 EXISTING HIGHWAY RIGHT-OF-WAY FOR S. SUMMIT LN ESTABLISHED FROM HI-KNOWLL SUBDIVISION.

4

4



WEST 1/4 CORNER
 SECTION 33-6-20
 BRASS CAP MONUMENT
 Y = 347087.745
 X = 2495743.406
 CSM 8371
 PARCEL 2

CENTER 1/4 CORNER
 SECTION 33-6-20
 BRASS CAP MONUMENT
 Y = 347146.280
 X = 2498414.948

PI STA = 676+94.65"EB"
 DELTA = 13°34'42"
 D = 0°30'00"
 T = 1364.22'
 L = 2715.66'
 R = 11459.16'
 PC STA = 663+30.43"EB"
 PT STA = 690+46.09"EB"

PI STA = 678+79.38"WB"
 DELTA = 12°30'18"
 D = 0°45'00"
 T = 836.99'
 L = 1667.33'
 R = 7639.44'
 PC STA = 670+42.39"WB"
 PT STA = 687+09.72"WB"



DATE 11/19/2018	SCALE, FEET 0 100 200	HWY: I-43	PLAT SHEET 4.07
GRID FACTOR 0.99992991	COUNTY: WAUKESHA	PS&E SHEET	E

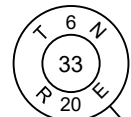
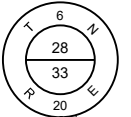
NOTES:

BEARINGS ON THIS MAP ARE BASED ON THE WISCONSIN STATE PLANE COORDINATE SYSTEM (SOUTH ZONE) NAD27
 DISTANCES ARE GROUND VALUES. COORDINATES ARE GRID. GROUND TO GRID SCALE FACTOR IS 0.99992991
 EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
 EXISTING HIGHWAY RIGHT-OF-WAY FOR I-43 ESTABLISHED FROM PROJECT T015-2 (15).
 EXISTING HIGHWAY RIGHT-OF-WAY FOR S. SUMMIT LN ESTABLISHED FROM HI-KNOWLL SUBDIVISION.
 EXISTING HIGHWAY RIGHT-OF-WAY FOR S. CALHOUN RD. ESTABLISHED FROM CSM 4166, CSM 5027, CSM 1207.

NORTH 1/4 CORNER
 SECTION 33-6-20
 BRASS CAP MONUMENT
 Y = 349784.737
 X = 2498368.507

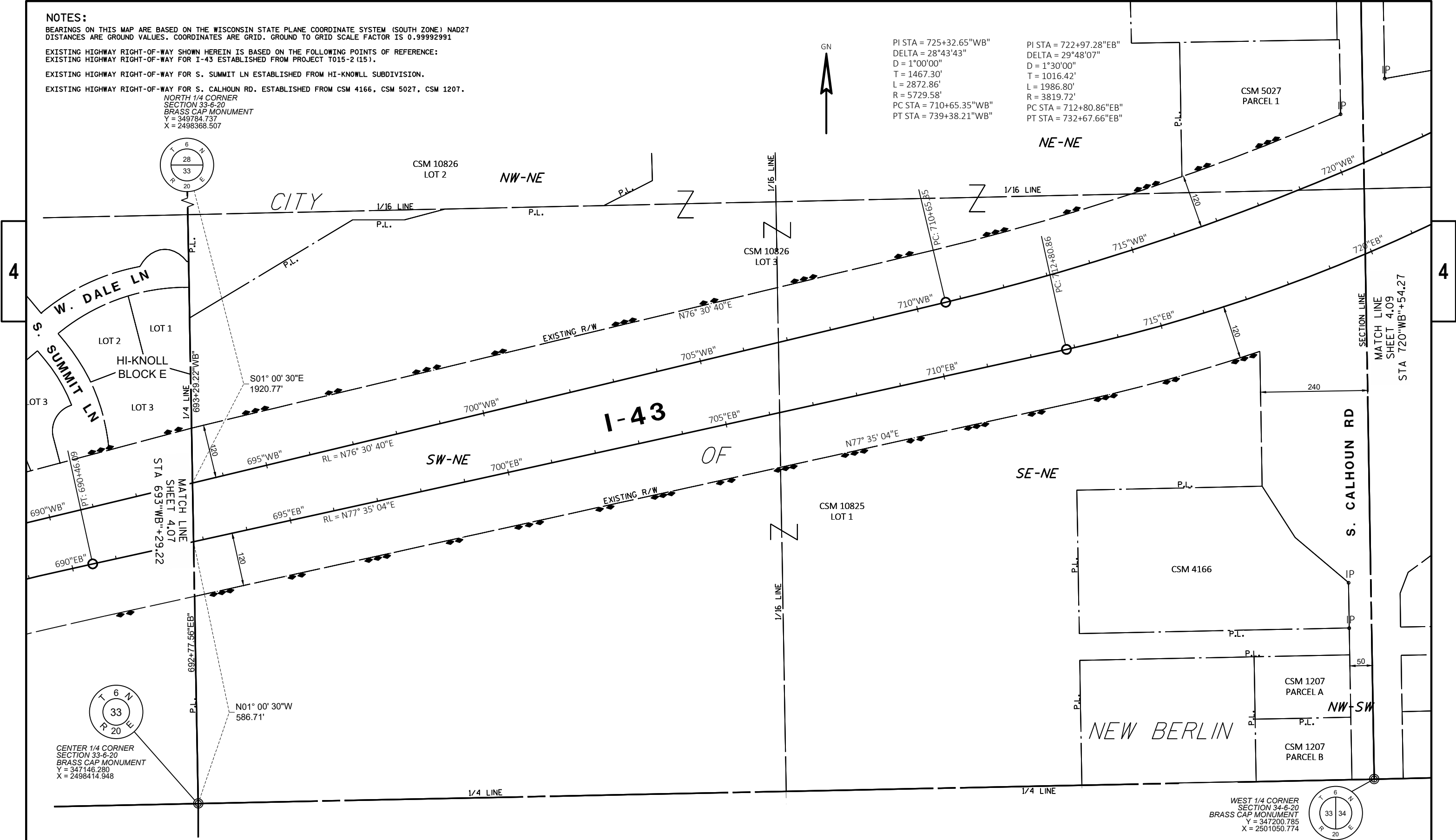
PI STA = 725+32.65"WB"
 DELTA = 28°43'43"
 D = 1°00'00"
 T = 1467.30'
 L = 2872.86'
 R = 5729.58'
 PC STA = 710+65.35"WB"
 PT STA = 739+38.21"WB"

PI STA = 722+97.28"EB"
 DELTA = 29°48'07"
 D = 1°30'00"
 T = 1016.42'
 L = 1986.80'
 R = 3819.72'
 PC STA = 712+80.86"EB"
 PT STA = 732+67.66"EB"



CENTER 1/4 CORNER
 SECTION 33-6-20
 BRASS CAP MONUMENT
 Y = 347146.280
 X = 2498414.948

WEST 1/4 CORNER
 SECTION 34-6-20
 BRASS CAP MONUMENT
 Y = 347200.785
 X = 2501050.774



DATE 11/19/2018	SCALE, FEET 0 100 200	HWY: I-43	PLAT SHEET 4.08
GRID FACTOR 0.99992991	COUNTY: WAUKESHA		PS&E SHEET

NOTES:

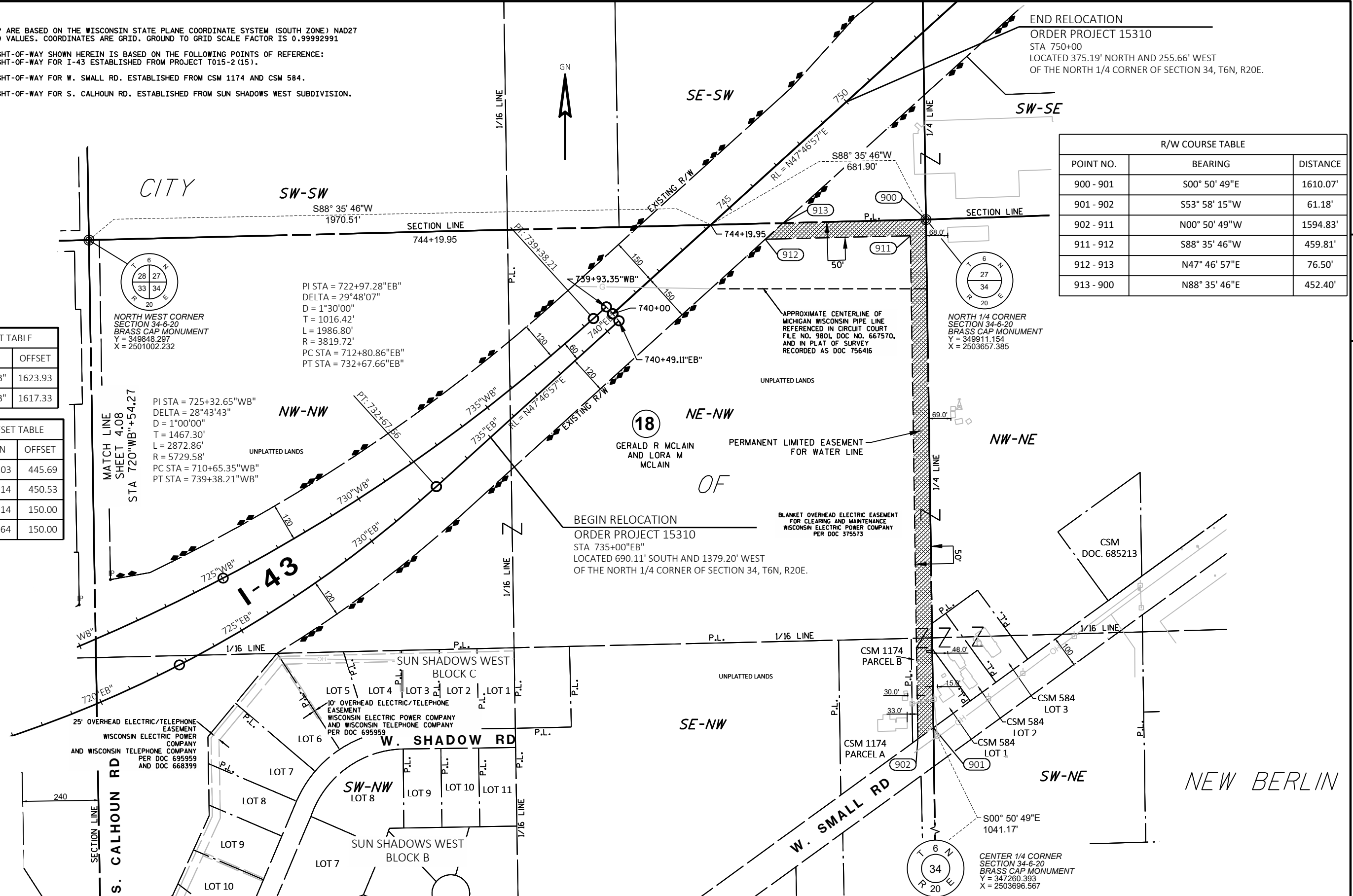
BEARINGS ON THIS MAP ARE BASED ON THE WISCONSIN STATE PLANE COORDINATE SYSTEM (SOUTH ZONE) NAD27
 DISTANCES ARE GROUND VALUES. COORDINATES ARE GRID. GROUND TO GRID SCALE FACTOR IS 0.99992991
 EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
 EXISTING HIGHWAY RIGHT-OF-WAY FOR I-43 ESTABLISHED FROM PROJECT T015-2 (15).
 EXISTING HIGHWAY RIGHT-OF-WAY FOR W. SMALL RD. ESTABLISHED FROM CSM 1174 AND CSM 584.
 EXISTING HIGHWAY RIGHT-OF-WAY FOR S. CALHOUN RD. ESTABLISHED FROM SUN SHADOWS WEST SUBDIVISION.

END RELOCATION
 ORDER PROJECT 15310
 STA 750+00
 LOCATED 375.19' NORTH AND 255.66' WEST
 OF THE NORTH 1/4 CORNER OF SECTION 34, T6N, R20E.

R/W COURSE TABLE		
POINT NO.	BEARING	DISTANCE
900 - 901	S00° 50' 49"E	1610.07'
901 - 902	S53° 58' 15"W	61.18'
902 - 911	N00° 50' 49"W	1594.83'
911 - 912	S88° 35' 46"W	459.81'
912 - 913	N47° 46' 57"E	76.50'
913 - 900	N88° 35' 46"E	452.40'

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
901	739+21.01"EB"	1623.93
902	738+60.19"EB"	1617.33

STATION & OFFSET TABLE		
POINT	STATION	OFFSET
900	749+36.03	445.69
911	748+65.14	450.53
912	745+17.14	150.00
913	745+93.64	150.00



DATE 11/19/2018

GRID FACTOR 0.99992991



HWY: I-43

COUNTY: WAUKESHA

PLAT SHEET 4.09

PS&E SHEET

E

NOTES:

BEARINGS ON THIS MAP ARE BASED ON THE WISCONSIN STATE PLANE COORDINATE SYSTEM (SOUTH ZONE) NAD27
 DISTANCES ARE GROUND VALUES. COORDINATES ARE GRID. GROUND TO GRID SCALE FACTOR IS 0.99992991

EXISTING HIGHWAY RIGHT-OF-WAY SHOWN HEREIN IS BASED ON THE FOLLOWING POINTS OF REFERENCE:
 EXISTING HIGHWAY RIGHT-OF-WAY FOR W. SUNSET DR. ESTABLISHED FROM CSM 4817, CSM 4806, CSM 10104, R/W
 DOCUMENT 1732783, AND THE NORTH LINE OF THE NORTHWEST QUARTER OF SECTION 15

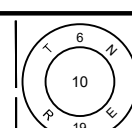
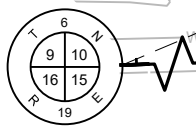
EXISTING HIGHWAY RIGHT-OF-WAY FOR S. WEST AVE. ESTABLISHED FROM SUNSET HEIGHTS ADDITION NO 1, CSM
 4417, CSM 10104, R/W DOC 3844513, AND THE EAST LINE OF THE NORTHWEST QUARTER OF SECTION 15.

R/W COURSE TABLE

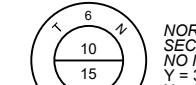
POINT NO.	BEARING	DISTANCE
900 - 901	S01° 37' 49"E	44.00'
901 - 902	N88° 22' 11"E	156.72'
902 - 903	S88° 16' 02"E	102.28'
903 - 904	N88° 22' 11"E	382.26'
904 - 905	SEE CURVE TABLE ON SHEET (C1)	
905 - 906	S00° 06' 11"E	44.32'
906 - 907	N45° 59' 56"W	55.91'
907 - 908	S88° 22' 11"W	375.27'
908 - 909	N88° 16' 02"W	102.28'
909 - 910	S88° 22' 11"W	148.42'
910 - 901	N01° 37' 34"W	30.00'
911 - 905	N44° 53' 45"W	62.45'

BEGIN RELOCATION
 ORDER PROJECT 15310
 STA 118+00.00
 LOCATED 24.97' SOUTH AND 877.22' WEST
 OF THE NORTH 1/4 CORNER
 OF SECTION 15, T6N, R19E.

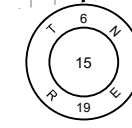
END RELOCATION
 ORDER PROJECT 15310
 STA 126+77.58
 LOCATED AT THE NORTH 1/4 CORNER
 OF SECTION 15, T6N, R19E.



CENTER 1/4 CORNER
 SECTION 10-6-19
 BRASS CAP MONUMENT
 Y = 367828.896
 X = 2471664.153



NORTH 1/4 CORNER
 SECTION 15-6-19
 NO MONUMENT, LOCATION ONLY
 Y = 365170.930
 X = 2471671.450



CENTER 1/4 CORNER
 SECTION 15-6-19
 Y = 362520.220
 X = 2471675.960

STATION & OFFSET TABLE

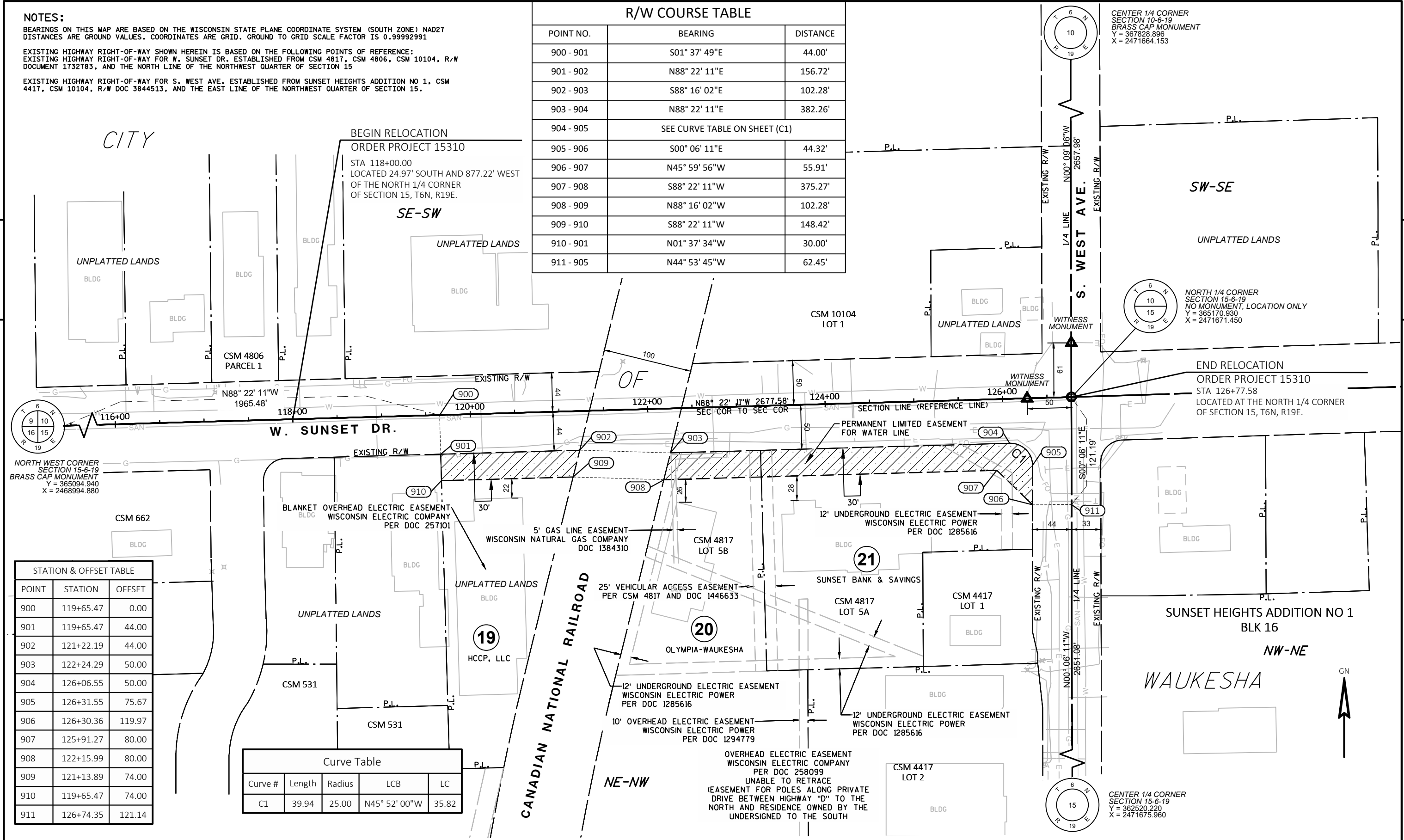
POINT	STATION	OFFSET
900	119+65.47	0.00
901	119+65.47	44.00
902	121+22.19	44.00
903	122+24.29	50.00
904	126+06.55	50.00
905	126+31.55	75.67
906	126+30.36	119.97
907	125+91.27	80.00
908	122+15.99	80.00
909	121+13.89	74.00
910	119+65.47	74.00
911	126+74.35	121.14

Curve Table

Curve #	Length	Radius	LCB	LC
C1	39.94	25.00	N45° 52' 00"W	35.82

4

4



DATE 02/27/2019



HWY: WEST SUNSET DRIVE

PLAT SHEET 4.10

GRID FACTOR 0.99992991

COUNTY: WAUKESHA

PS&E SHEET

E