

PROJECT ID: 1000-92-90
WITH: N/A

COUNTY: MILWAUKEE/WAUKESHA

ORDER OF SHEETS

Section No.	1	Title
Section No.	2	Typical Sections and Details
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.	=
A.A.D.T.	=
D.H.V.	=
D.D.	=
T.	=
DESIGN SPEED	=
ESALS	=

SEE GENERAL NOTES FOR
MORE INFORMATION

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	

STATE OF WISCONSIN
DEPARTMENT OF TRANSPORTATION

PLAN OF PROPOSED IMPROVEMENT

STH 794, IH 94
INT/PENNSYLVANIA AND BARKER
VAR HWY
MILWAUKEE AND WAUKESHA COUNTIES

STATE PROJECT NUMBER
1000-92-90

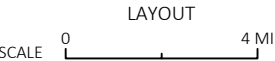
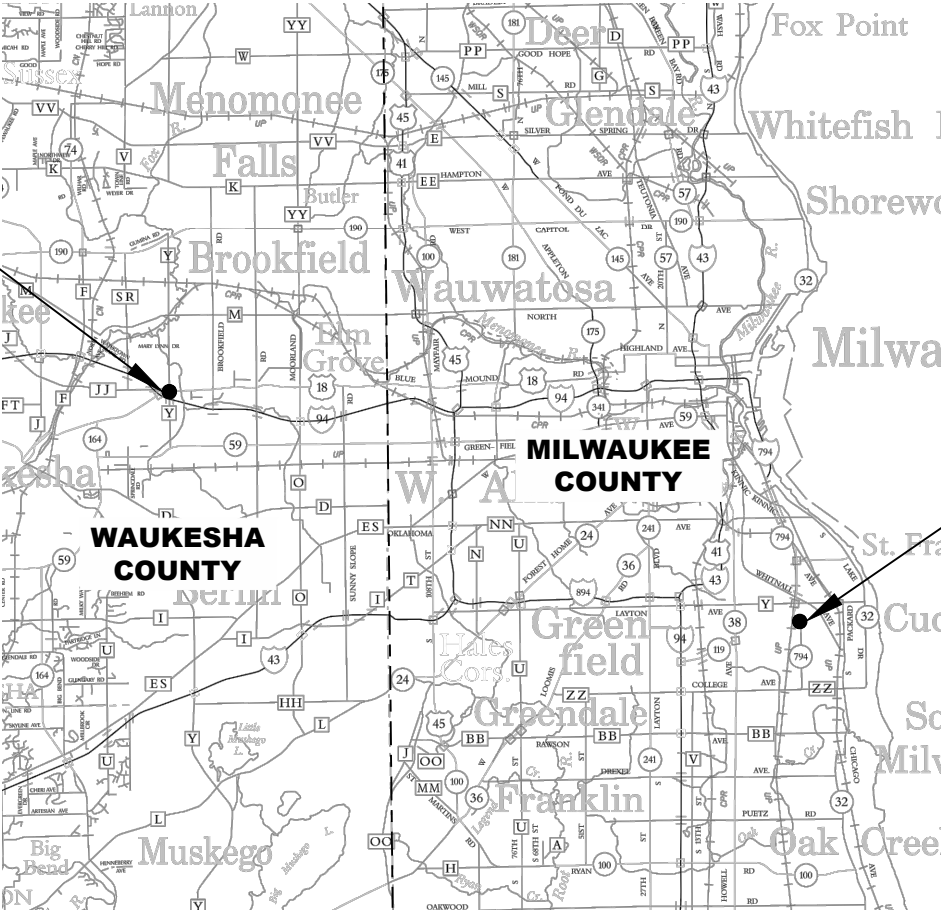
STATE PROJECT	FEDERAL PROJECT	
	PROJECT	CONTRACT
1000-92-90		

60% PLANS

7/8/2019

IH 94 WB EXIT RAMP &
BARKER RD

STH 794 &
PENNSYLVANIA AVE



TOTAL NET LENGTH OF CENTERLINE = N/A

HORIZONTAL POSITIONS SHOWN ON THIS PLAN ARE WISCONSIN
COORDINATE REFERENCE SYSTEM (WISCRS), COUNTY COUNTY,
NAD83 HYEAR, 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 (YEAR). GPS DERIVED ELEVATIONS ARE BASED ON GEOID 12A.

STATE OF WISCONSIN DEPARTMENT OF TRANSPORTATION	
PREPARED BY	
Surveyor	WISDOT
Designer	BRETT MATHENY
Project Manager	BRIAN PLUEMER
Regional Examiner	RICH HERRICK
Regional Supervisor	REEM SHAHIN
APPROVED FOR THE DEPARTMENT	
DATE:	(Signature)

E

ORDER OF SECTION 2 SHEETS

- GENERAL NOTES
- PROJECT OVERVIEW
- CONSTRUCTION DETAILS
- PLAN DETAILS
- CURB RAMP DETAILS
- SIGNING
- PAVEMENT MARKING
- TRAFFIC CONTROL
- ALIGNMENT PLAN

DESIGN DESIGNATION
(FROM TITLE SHEET)

INTERSECTION	ROADWAY	CURRENT AADT	DHV	DD	T	DESIGN SPEED
STH 794 & PENNSYLVANIA AVE	STH 794	10,460	620	85/15	8.0%	55 MPH
	PENNSYLVANIA AVE	17,000	2,170	70/30	3.9%	45 MPH
IH 94 WB EXIT RAMP & BARKER RD	IH 94 WB EXIT RAMP	9,070	980	95/5	13.2%	75 MPH
	BARKER RD	18,660	1,890	55/35	3.8%	40 MPH

GENERAL NOTES

THE LOCATIONS OF EXISTING AND PROPOSED UTILITY INSTALLATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. THERE MAY BE OTHER UTILITY INSTALLATIONS WITHIN THE PROJECT AREA THAT ARE NOT SHOWN. COORDINATE CONSTRUCTION ACTIVITIES WITH A CALL TO DIGGERS HOTLINE AND/OR A DIRECT CALL TO THE UTILITIES THAT HAVE FACILITIES IN THE AREA. NOT ALL UTILITIES ARE MEMBERS OF DIGGERS HOTLINE.

CONTACT THE PROJECT ENGINEER, THE COUNTY SURVEYOR, AND SEWRPC AT LEAST TWO WEEKS BEFORE WORKING NEAR ANY SECTION CORNER MONUMENT.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESHAPING AND SEEDING ANY PREVIOUSLY GRASSED AREAS WHICH ARE DISTURBED BY ANY OPERATION OUTSIDE OF THE NORMAL CONSTRUCTION LIMITS AT THE CONTRACTOR'S EXPENSE.

VERIFY EXISTING PAVEMENT ELEVATIONS AT ALL TIE-INS TO EXISTING PAVEMENT PRIOR TO CONSTRUCTION. NOTIFY ENGINEER IF A DISCREPANCY IS FOUND BETWEEN PROPOSED PLAN ELEVATIONS AND EXISTING PAVEMENT ELEVATIONS.

SAWCUT EXISTING ASPHALT AND CONCRETE PAVEMENT AT THE MATCHLINE AS INDICATED ON THE PLAN OR AS DIRECTED BY THE ENGINEER.

DISTURBED AREAS WITHIN THE RIGHT OF WAY ARE TO BE TOPSOILED (SALVAGED), FERTILIZED, SEEDED, AND MULCHED OR SODDED AS DIRECTED BY THE ENGINEER.

BACKFILL ALL OPENINGS AND HOLES LOCATED WITHIN THE ROADWAY RESULTING FROM REMOVALS OR ABANDONMENTS WITH GRANULAR BACKFILL UNLESS THE PLANS PROVIDE FOR ALTERNATE BACKFILL.

DO NOT REMOVE ANY TREES OR SHRUBS WITHOUT APPROVAL OF THE ENGINEER.

ALL SIGN LOCATIONS SHALL BE REVIEWED BY THE ENGINEER PRIOR TO INSTALLATION.

CROSS SECTIONS SHOWN INCLUDE THE THICKNESS OF TOPSOIL WHERE REQUIRED. TOPSOIL SHALL BE REPLACED WITH 4-INCH TYPICAL DEPTH.

UTILITY CONTACTS

AT&T LOCAL NETWORK
MS. JENNIFER NAVARRO
6070 N FLINT RD
GLENDALE, WI 53209
PHONE: (414) 459-3564
EMAIL: j.navarro@northwindtech.com

AT&T WISCONSIN
MR. MATTHEW DINNAUER
2005 PEWAUKEE RD
WAUKESHA, WI 53188
PHONE: (262) 896-7690
EMAIL: md9542@att.com

AT&T WISCONSIN
MR. JAY BULANEK
2005 PEWAUKEE RD
WAUKESHA, WI 53188
PHONE: (262) 896-7669
EMAIL: jb5175@att.com

AT&T WISCONSIN
MR. TOM CROWLEY
2005 PEWAUKEE RD
WAUKESHA, WI 53188
PHONE: (262) 896-7427
EMAIL: tc1657@att.com

ATC MANAGEMENT, INC
MR. TONY MARCINIAK
W234 N2000 RIDGEVIEW PARKWAY CT
P.O. BOX 47
WAUKESHA, WI 53187
PHONE: (262) 506-6814
EMAIL: amarciniak@atcllc.com

CENTURYLINK COMMUNICATIONS
MS. KENDALL WILLIAMS -ZETINA
100 S CINNCINNATI AVE, SUITE 1200
TULSA, OK 74103
PHONE: (918) 547-0547
EMAIL: kendall.zetina@centurylink.com

CHARTER COMMUNICATIONS
MR. DARRELL GORE
4125 N 124TH ST, SUITE D
BROOKFIELD , WI 53005
PHONE: (262) 649-5386 EXT. 2504
EMAIL: dgore@mi-tech.us

MILWAUKEE METROPOLITAN SEWERAGE DISTRICT
MS. MICKI KLAPPA- SULLIVAN
260 W SEEBOTH ST
MILWAUKEE, WI 53204
PHONE: (414) 225-2178
EMAIL: MKlappaSullivan@mmsd.com

PaeTec COMMUNICATIONS, LLC
MS. MARY BETH FISHER
13935 BISHOPS DR
BROOKFIELD, WI 53005
PHONE: (262) 792-7938
EMAIL: Mary.B.Fisher@windstream.com

SPRINT COMMUNICATIONS CO LP
MR. JAMES BURTON
1901 N ROSELLE RD, SUITE 500
SCHAUMBURG, IL 60195
PHONE: (708) 955-6659
EMAIL: james.m.burton@sprint.com

TDS METROCOM LLC
MR. MATTHEW SCHULTE
16924 WEST VICTOR RD
NEW BERLIN, WI 53151
PHONE: (262) 754-3063
EMAIL: matt.schulte@tdstelecom.com

WE ENERGIES - ELECTRIC AND GAS
MS. NICOLE SMULLEN
333 W EVERETT ST
MILWAUKEE, WI 53203
PHONE: (414) 221-5617
EMAIL: Nicole.smullen@wecenergygroup.com

WISDOT CONTACTS

WISDOT PROJECT MANAGER
BRIAN PLUEMER
141 NW BARSTOW ST
WAUKESHA, WI 53187
PHONE: (262) 548-6721
EMAIL: Brian.Pluemer@dot.wi.gov

WISDOT SIGNALS ENGINEER
PARWINDER VIRK
141 NW BARSTOW ST
WAUKESHA, WI 53187
PHONE: (414) 852-0829
EMAIL: Parwinder.Virk@dot.wi.gov

WISDOT TRAFFIC LIGHTING
ERIC PEREA, SE REGION LIGHTING ENGINEER
141 NW BARSTOW ST
WAUKESHA, WI 53188
PHONE: (262) 574-5422
EMAIL: eric.perea@dot.wi.gov

TRANSIT CONTACTS

MILWAUKEE COUNTY TRANSIT
MS. MELANIE FLYNN, COORDINATOR OF STREET SUPERVISION
1942 N 17TH ST
MILWAUKEE, WI 53205
PHONE: (414) 343-1764
EMAIL: MFLYNN@MCTS.ORG

MILWAUKEE COUNTY TRANSIT
MR. ANDY TILLMAN, TRANSIT PLANNER
1942 N 17TH ST
MILWAUKEE, WI 53205
PHONE: (414) 343-1728
EMAIL: ATillman@mcts.org

MILWAUKEE COUNTRY TRANSIT
MR. DAVID LOCHER, TRANSPORTATION SPECIALIST
1942 N 17TH ST
MILWAUKEE, WI 53205
PHONE: (414) 343-1727
EMAIL: DLocher@mcts.org

WAUKESHA METRO TRANSIT
MR. BRIAN ENGELKING, TRANSIT MANAGER
2311 BADGER DR
WAUKESHA, WI 53188
PHONE: (262) 524-3634
EMAIL: BENGELKI@CI.WAUKESHA.WI.US

WAUKESHA COACH LINES
MR. TOM DIECKELMAN, PRESIDENT
1520 ARCADIAN AVE
WAUKESHA, WI 53188
PHONE: (262) 542-8861 EXT 140
EMAIL: TOMDIECKELMAN@COACHUSA.COM

WIS DNR CONTACTS

WISCONSIN DNR LIAISON - MILWAUKEE COUNTY
KRISTINA BETZOLD
2300 N. DR. MARTIN LUTHER KING DR
MILWAUKEE, WI 53212
PHONE: (414) 507-4946
EMAIL: Kristina.Betzold@wisconsin.gov

WISCONSIN DNR LIAISON - WAUKESHA COUNTY
CRAIG WEBSTER
141 NW BARSTOW ST ROOM 180
WAUKESHA, WI 53188
PHONE: (262) 574-2141
EMAIL: Craig.Webster@wisconsin.gov

CITY CONTACTS

CITY OF CUDAHY
MS. MARY JO LANGE, DIRECTOR OF PUBLIC WORKS
5050 S LAKE DR
CUDAHY, WI 53110
PHONE: (414) 769-2253
EMAIL: langemj@ci.cudahy.wi.us

TOWN CONTACTS

TOWN OF BROOKFILED
MR. JEFF GOLNER, SUPERINTENDENT
645 N JANACEK RD
BROOKFILED, WI 53045
PHONE: (262) 796-3795
EMAIL: DPW@townofbrookfield.com

COUNTY CONTACTS

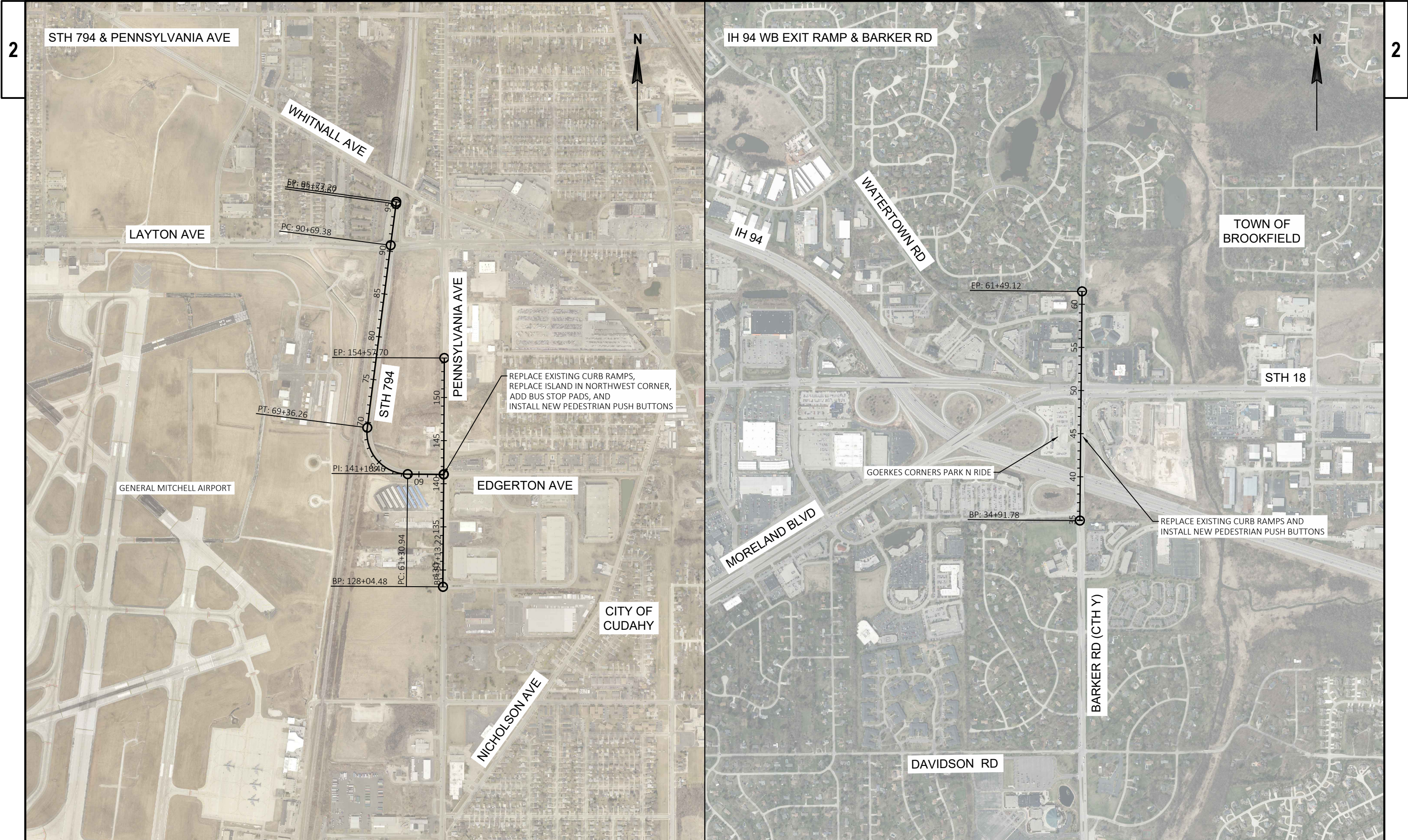
MILWAUKEE COUNTY
MS. ANDREA WEDDLE- HENNING, ENGINEERING MANAGER
10320 W WATERTOWN PLANK RD, 2ND FLOOR
WAUWATOSA, WI 53226
PHONE: (414) 257-5910
EMAIL: andrea.weddle-henning@milwaukeecountywi.gov

WAUKESHA COUNTY
MS. CAROLYNN GELLINGS, ENGINEERING MANAGER
515 W MORELAND BLVD, ROOM 220
WAUKESHA, WI 53188
PHONE: (262) 548-7740
EMAIL: CGellings@WaukeshaCounty.gov

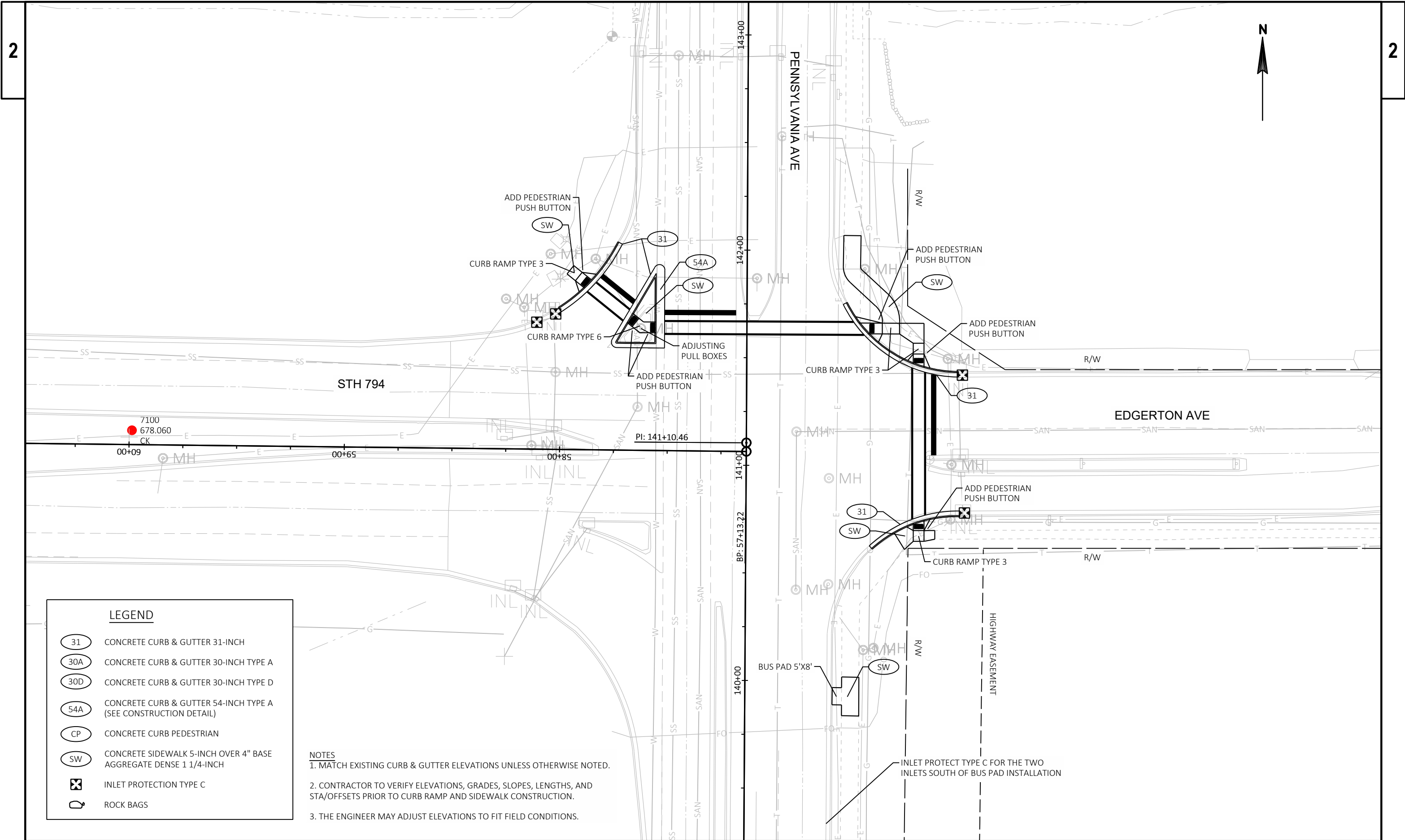


Dial 811 or (800)242-8511

www.DiggersHotline.com



PROJECT NO: 1000-92-90	HWY: VAR HWY	COUNTY: MILWAUKEE & WAUKESHA	PROJECT OVERVIEW	SHEET	E
------------------------	--------------	------------------------------	------------------	-------	---



LEGEND

- 31 CONCRETE CURB & GUTTER 31-INCH
- 30A CONCRETE CURB & GUTTER 30-INCH TYPE A
- 30D CONCRETE CURB & GUTTER 30-INCH TYPE D
- 54A CONCRETE CURB & GUTTER 54-INCH TYPE A (SEE CONSTRUCTION DETAIL)
- CP CONCRETE CURB PEDESTRIAN
- SW CONCRETE SIDEWALK 5-INCH OVER 4" BASE AGGREGATE DENSE 1 1/4-INCH
- INLET PROTECTION TYPE C
- ROCK BAGS

NOTES

- MATCH EXISTING CURB & GUTTER ELEVATIONS UNLESS OTHERWISE NOTED.
- CONTRACTOR TO VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND STA/OFFSETS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
- THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS.

PROJECT NO: 1000-92-90

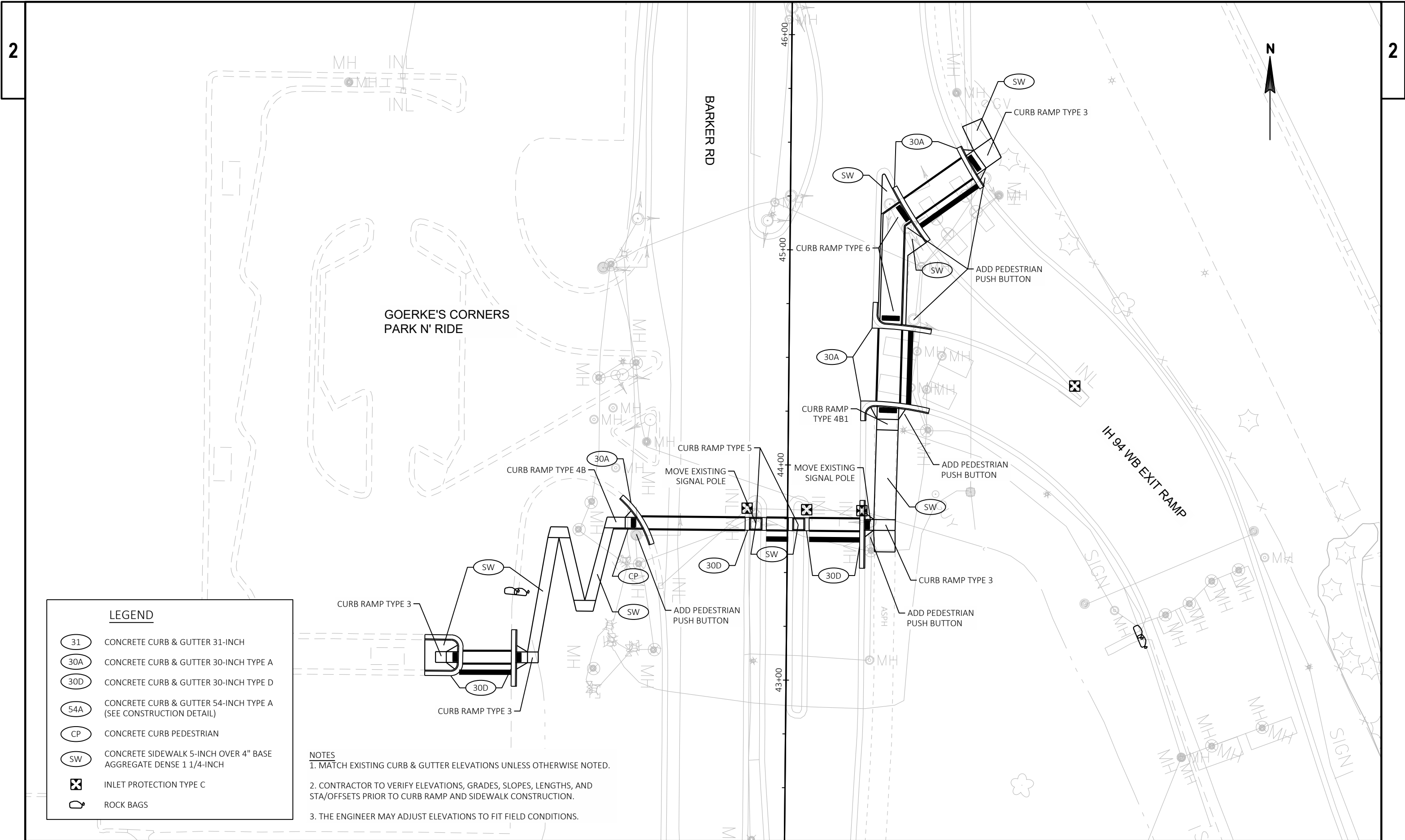
HWY: VAR HWY

COUNTY: MILWAUKEE

PLAN DETAILS - STH 794 & PENNSYLVANIA AVE

SHEET

E



LEGEND

31

CONCRETE CURB & GUTTER 31-INCH

30A

CONCRETE CURB & GUTTER 30-INCH TYPE A

30D

CONCRETE CURB & GUTTER 30-INCH TYPE D

54A

CONCRETE CURB & GUTTER 54-INCH TYPE A
(SEE CONSTRUCTION DETAIL)

CP

CONCRETE CURB PEDESTRIAN

SW

CONCRETE SIDEWALK 5-INCH OVER 4" BASE
AGGREGATE DENSE 1 1/4-INCH

X

INLET PROTECTION TYPE C

Q

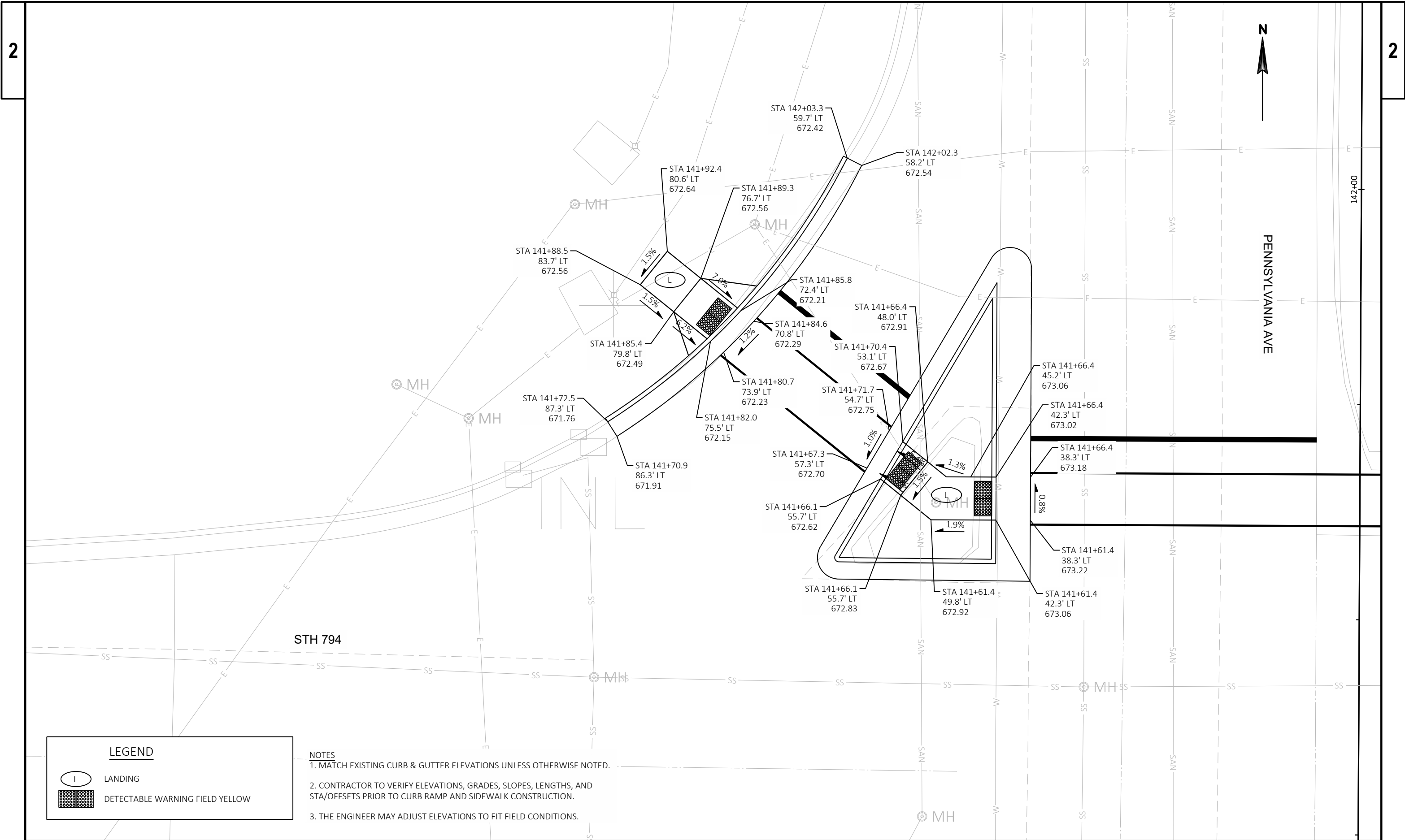
ROCK BAGS

NOTES

1. MATCH EXISTING CURB & GUTTER ELEVATIONS UNLESS OTHERWISE NOTED.

2. CONTRACTOR TO VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND STA/OFFSETS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

3. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS.



LEGEND

-  LANDING
-  DETECTABLE WARNING FIELD YELLOW

NOTES

1. MATCH EXISTING CURB & GUTTER ELEVATIONS UNLESS OTHERWISE NOTED.
2. CONTRACTOR TO VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND STA/OFFSETS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
3. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS.

PROJECT NO: 1000-92-90

HWY: VAR HWY

COUNTY: MILWAUKEE

CURB RAMP DETAILS - STH 794 & PENNSYLVANIA AVE

SHEET

E

FILE NAME : N:\PDS\C3D\10009200\SHEETSPLAN\021301-CR.DWG
LAYOUT NAME - 021301-cr

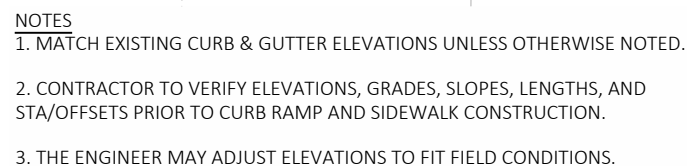
PLOT DATE : 7/8/2019 1:16 PM

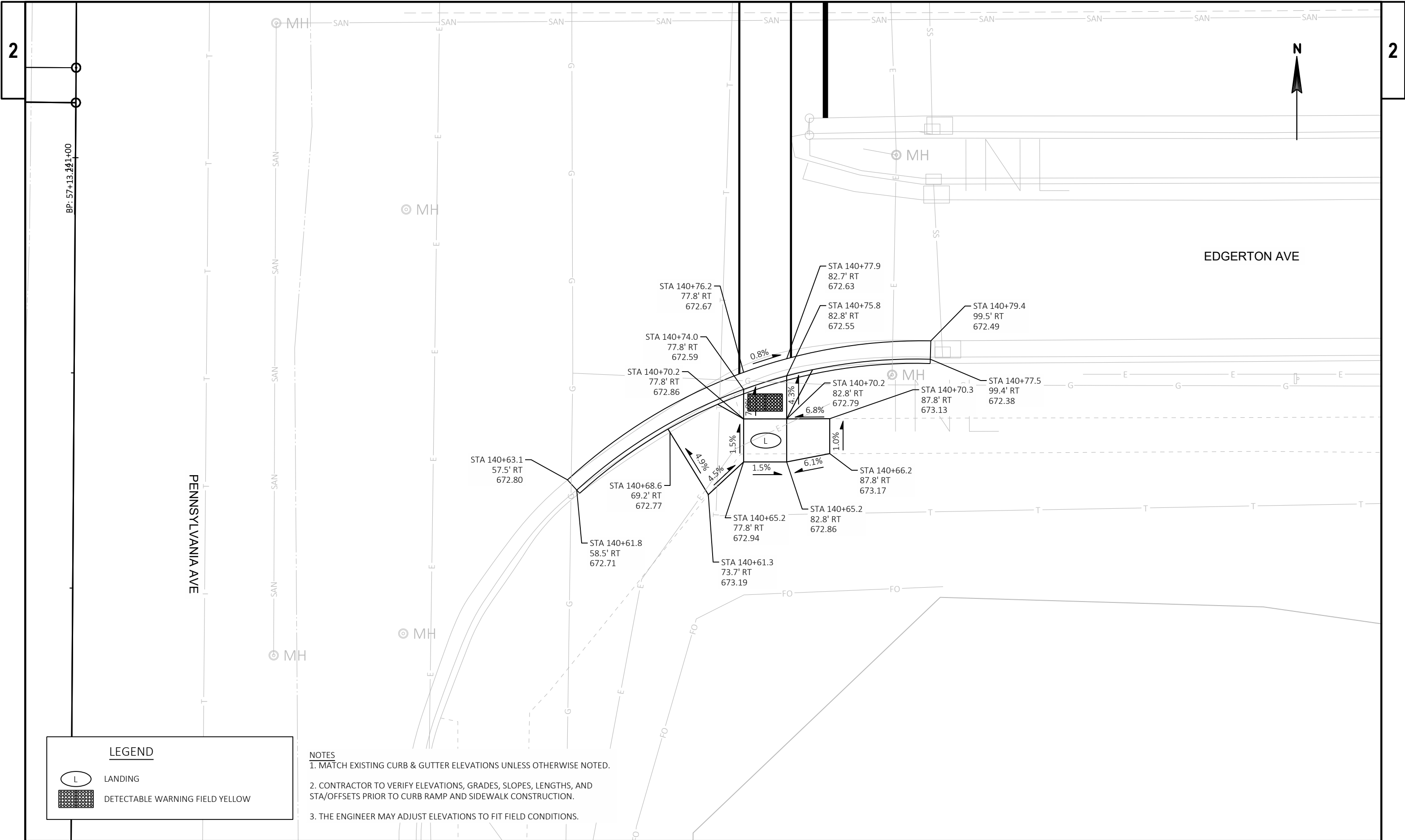
PLOT BY : MATHENY, ROBERT B

PLOT NAME :

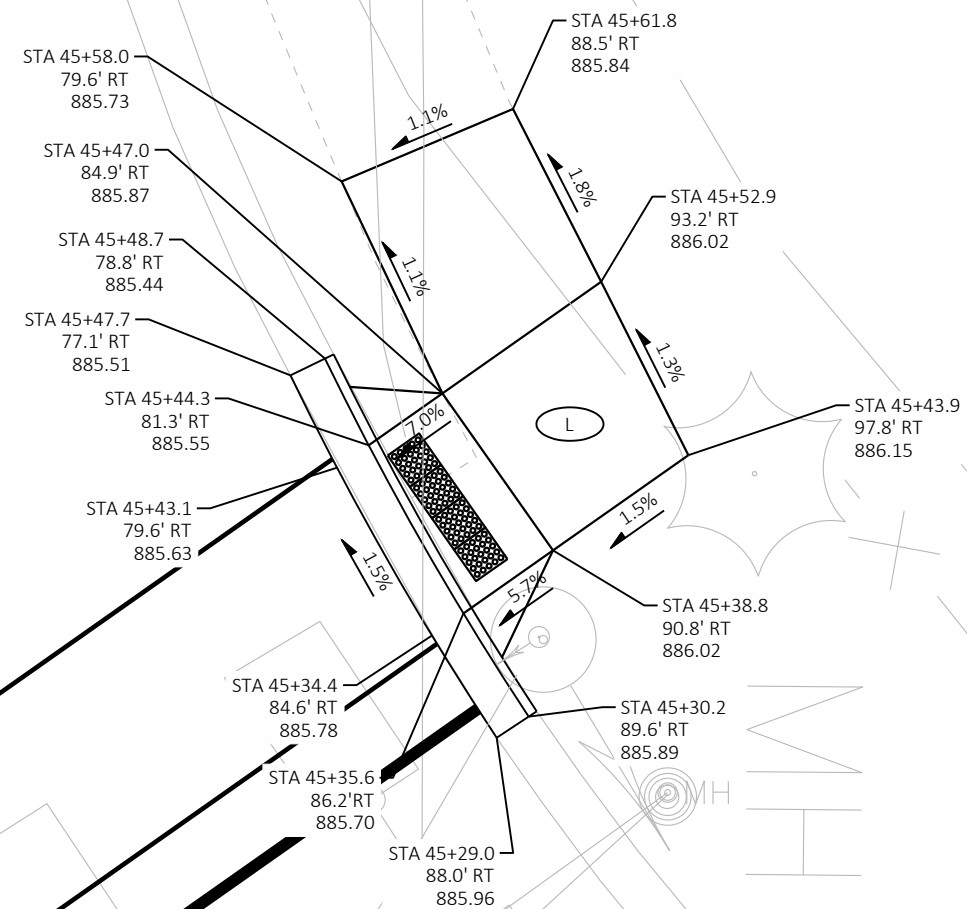
PLOT SCALE : 1 IN:10 FT

WISDOT/CADDs SHEET 42





BARKER RD

**NOTES**

1. MATCH EXISTING CURB & GUTTER ELEVATIONS UNLESS OTHERWISE NOTED.
2. CONTRACTOR TO VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND STA/OFFSETS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
3. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS.

LEGEND

- (L) LANDING
- [Pattern] DETECTABLE WARNING FIELD YELLOW

PROJECT NO: 1000-92-90

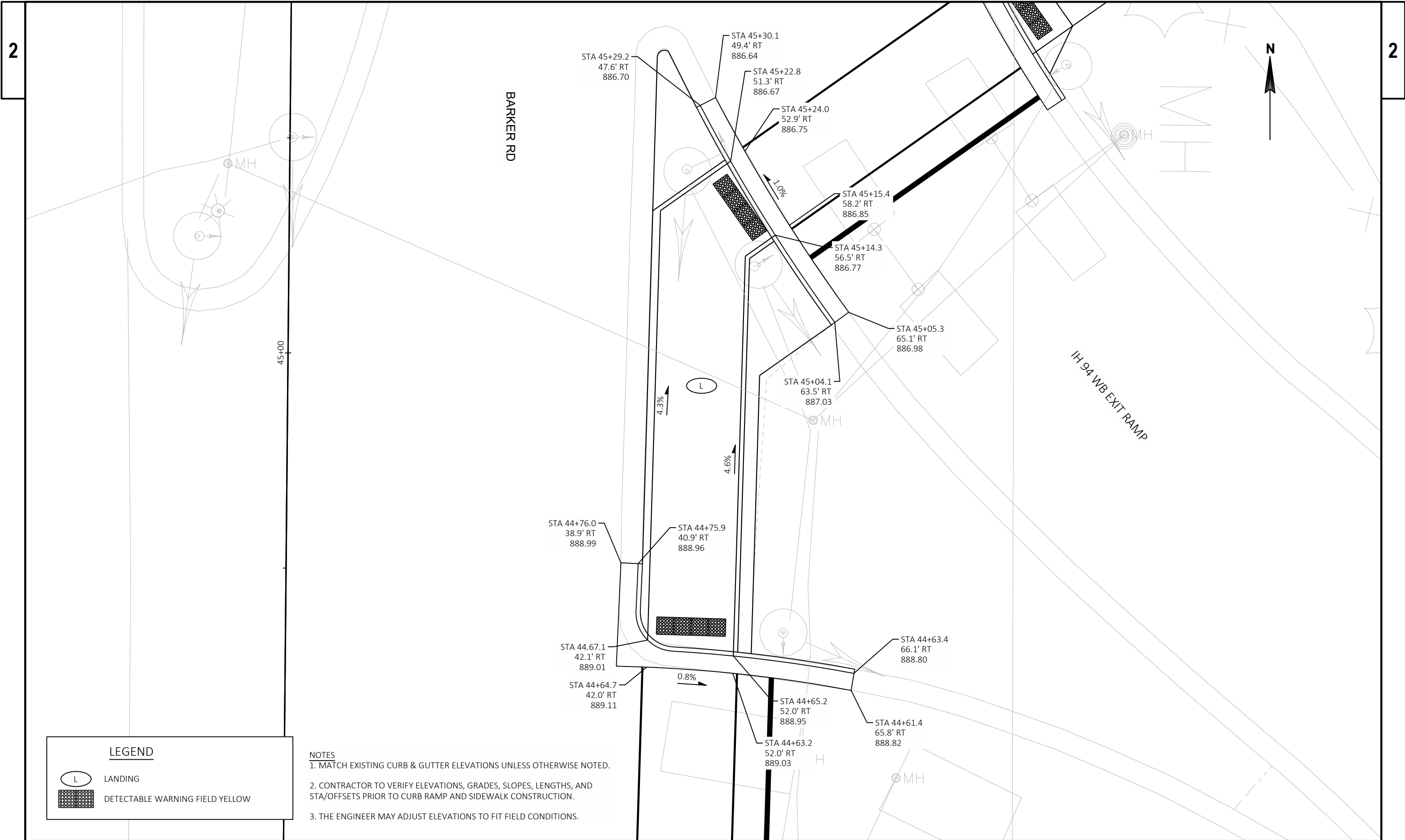
HWY: VAR HWY

COUNTY: WAUKESHA

CURB RAMP DETAILS - IH 94 WB EXIT RAMP & BARKER RD

SHEET

E



LEGEND

L

LANDING

DETECTABLE WARNING FIELD YELLOW

- NOTES
1. MATCH EXISTING CURB & GUTTER ELEVATIONS UNLESS OTHERWISE NOTED.

2. CONTRACTOR TO VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND STA/OFFSETS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.

3. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS.

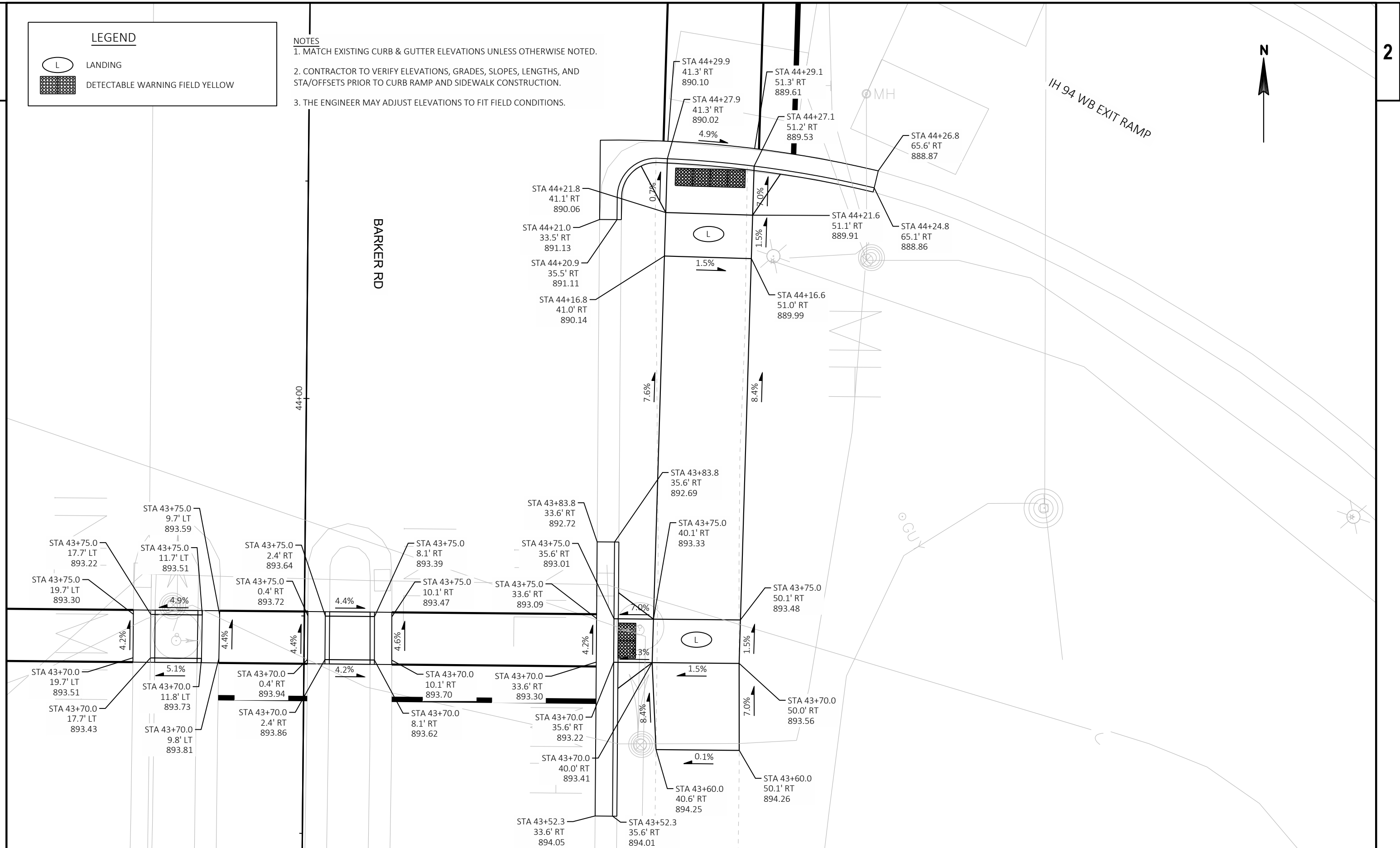
LEGEND

- (L) LANDING
- DETECTABLE WARNING FIELD YELLOW

NOTES

1. MATCH EXISTING CURB & GUTTER ELEVATIONS UNLESS OTHERWISE NOTED.
2. CONTRACTOR TO VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND STA/OFFSETS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
3. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS.

BARKER RD



PROJECT NO: 1000-92-90

HWY: VAR HWY

COUNTY: WAUKESHA

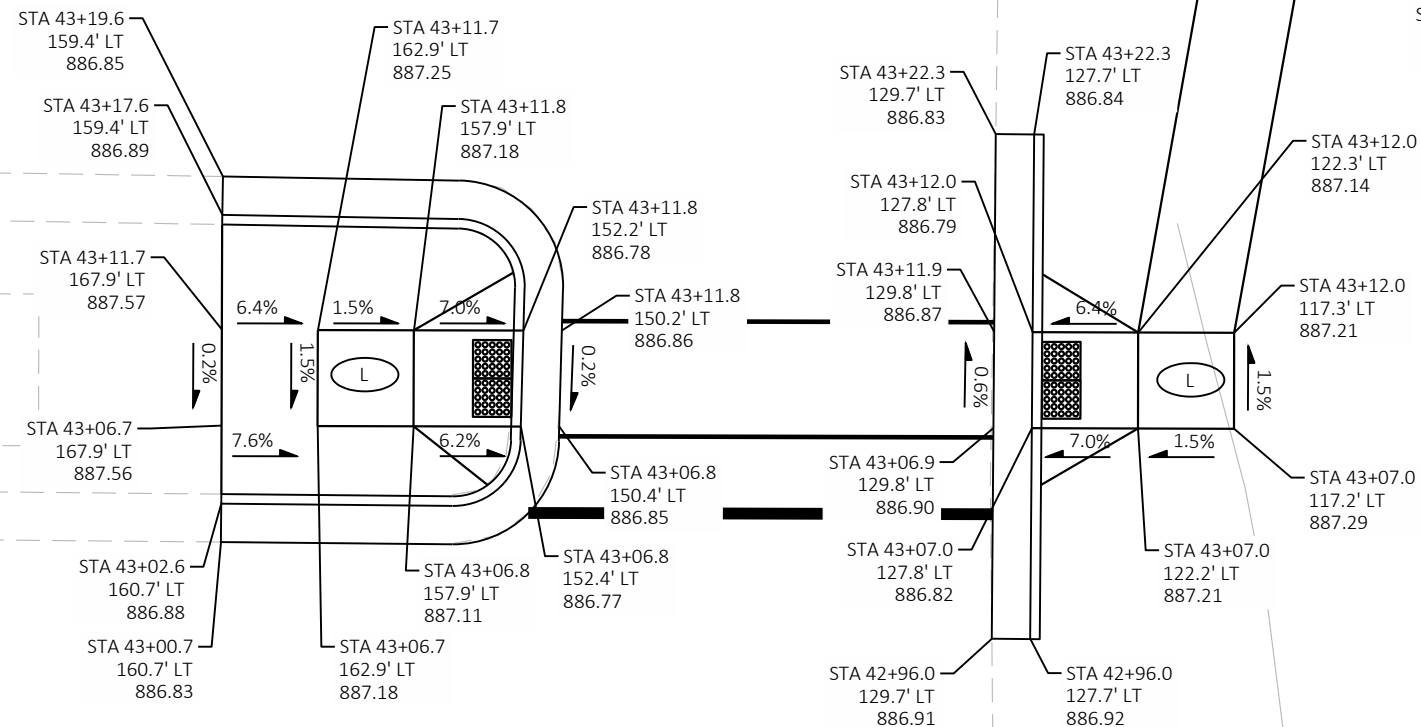
CURB RAMP DETAILS - IH 94 WB EXIT RAMP & BARKER RD

SHEET

E

GOERKE'S CORNERS
PARK N' RIDE

BARKER RD



NOTES

1. MATCH EXISTING CURB & GUTTER ELEVATIONS UNLESS OTHERWISE NOTED.
2. CONTRACTOR TO VERIFY ELEVATIONS, GRADES, SLOPES, LENGTHS, AND STA/OFFSETS PRIOR TO CURB RAMP AND SIDEWALK CONSTRUCTION.
3. THE ENGINEER MAY ADJUST ELEVATIONS TO FIT FIELD CONDITIONS.

LEGEND

- (L) LANDING
- [Hatched Area] DETECTABLE WARNING FIELD YELLOW

PROJECT NO: 1000-92-90

HWY: VAR HWY

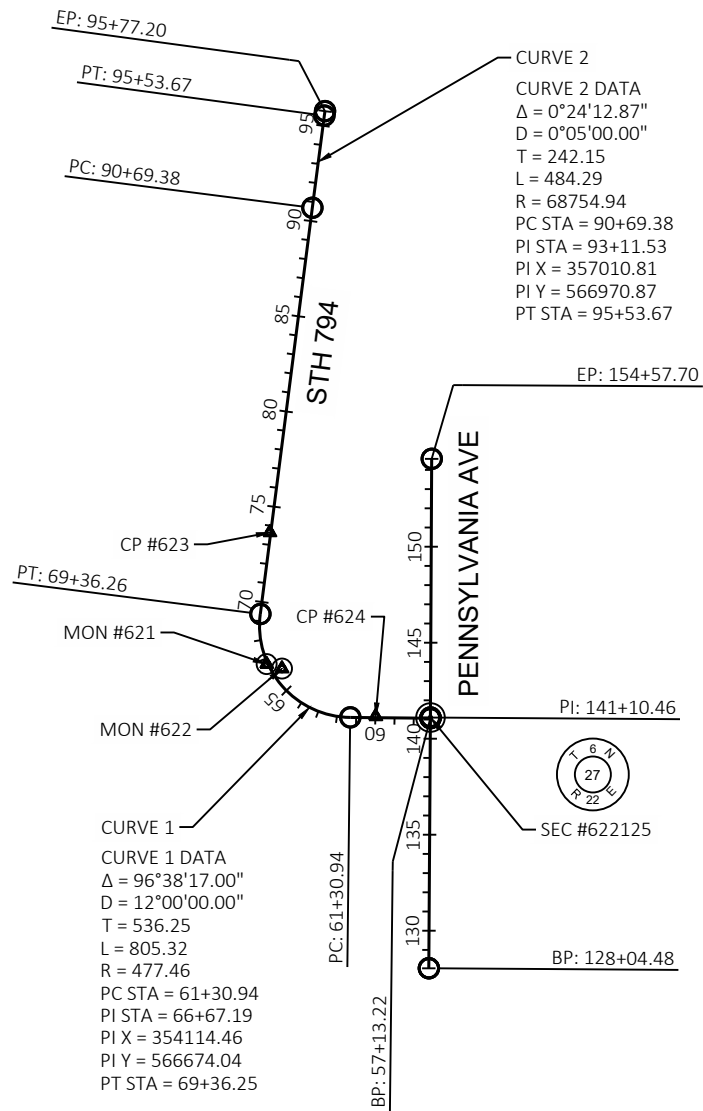
COUNTY: WAUKESHA

CURB RAMP DETAILS - IH 94 WB EXIT RAMP & BARKER RD

SHEET

E

BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
621	66+73	693.29'	MONUMENT WISDOT ALUM CAP SET IN CENTER OF PARAPET WALL AT SOUTH END OF BRIDGE SOUTHBOUND LANES
622	66+11	692.41'	MONUMENT WISDOT ALUM CAP SET IN CENTER OF PARAPET WALL AT SOUTH END OF BRIDGE NORTHBOUND LANES
623	73+66	687.73'	CONTROL POINT 1 M FENO W/ BRASS CAP
624	59+99	677.96'	CONTROL POINT 1 M FENO W/ BRASS CAP
622125	141+10	673.90'	SECTION CORNER CONC MON BRASS CAP



BENCHMARKS			
NO.	STATION	ELEV.	DESCRIPTION
720120	61+49	N/A	FOUND BRASS CAP IN GOOD CONDITION
720133	34+92	917.05'	FOUND BRASS CAP IN GOOD CONDITION

