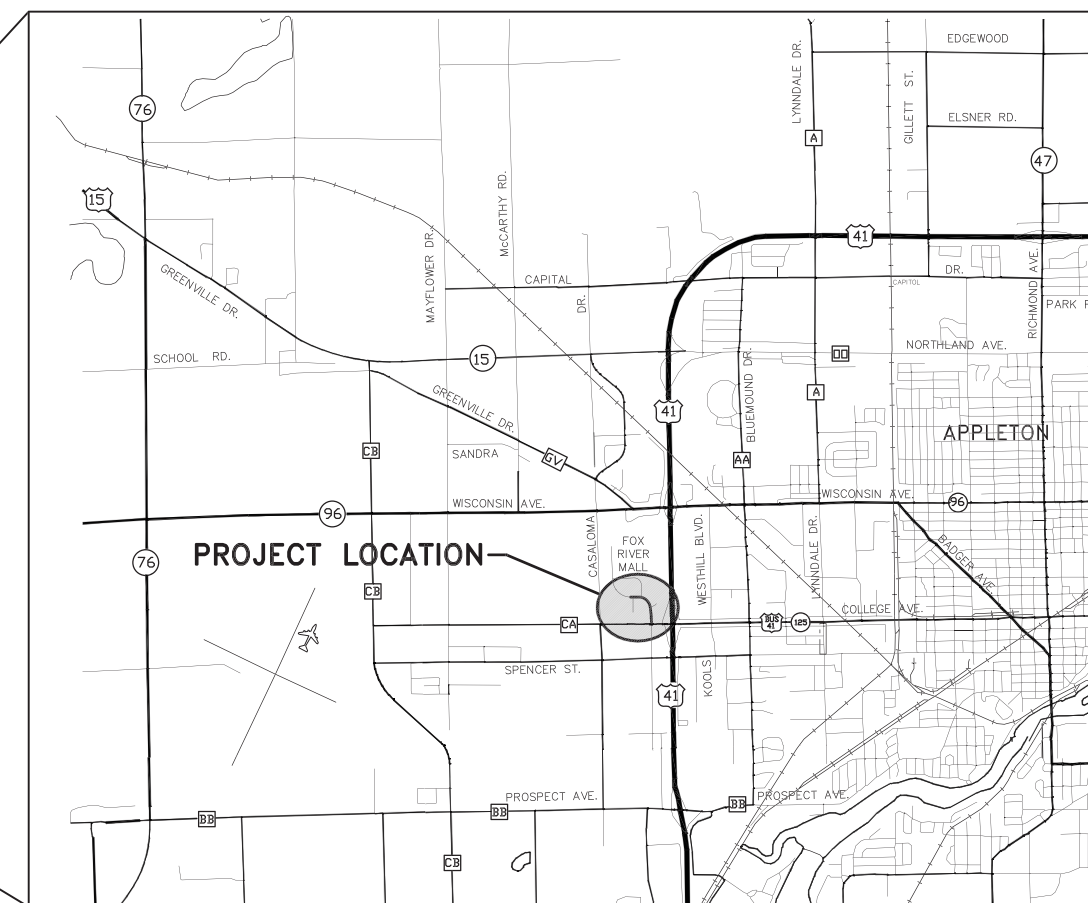


partial plan



DRAFTED BY: JL 01/2011
CHECKED: TWM 01/2011

1	EXISTING CROSS SECTIONS
2-4	PROPOSED CROSS SECTIONS
5-7	MALL DRIVE PLAN & PROFILE
8-10	MALL DRIVE PAVING DETAIL
11	HORIZONTAL ALIGNMENT DETAIL
12-14	PAVEMENT MARKING DETAIL
15-16	TRAFFIC CONTROL PLAN-STAGE 1
17-18	TRAFFIC CONTROL PLAN-STAGE 2
19-20	COLLEGE AVENUE TEMPORARY SIGNAL PLANS (STAGE 1 & 2)
21	METRO DRIVE SIGNAL PLAN
22	COLLEGE AVE SIGNAL PLAN
23-25	CONSTRUCTION DETAILS

PLAN REVISION:
10/15/2010

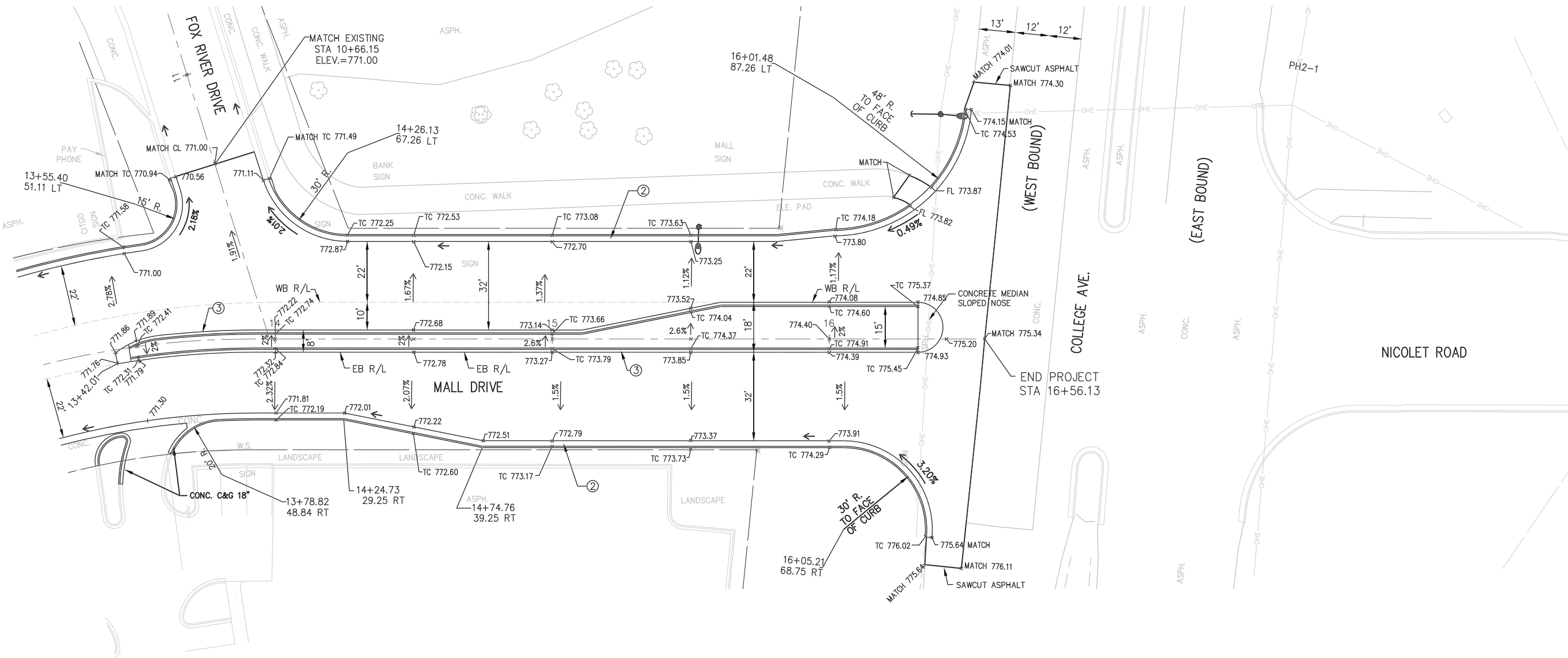
McMAHON
ENGINEERS ARCHITECTS
1445 McMAHON DRIVE NEENAH, WI 54956
Mailing: P.O.BOX 1025 NEENAH, WI 54957-1025
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DATE
JULY., 2010
PROJECT NO.
G0006-900290



4R

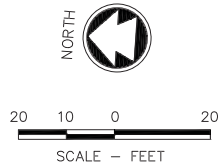
aschmidt: W:\PROJECTS\G0006\900290\10R-PAVING MALL.dwg 10/15/10 12:22 PM (X-MALL DRIVE-4, X-COMBINED METRO-MALL TOPO)



NOTES:
ELEVATIONS SHOWN ARE FINISHED PAVEMENT GRADES AT THE CENTER LINE, AT EDGE OF PAVEMENT (EDGE OF GUTTER), AND AT THE TOP OF CURB. ELEVATIONS AT DRIVEWAY LOCATIONS SHOWN ARE TO FLOWLINE OF THE GUTTER.

PLAN REVISION:
10/15/2010

- ① CONCRETE CURB AND GUTTER 18-INCH
- ② CONCRETE CURB AND GUTTER 30-INCH
- ③ REVERSE SLOPE CURB AND GUTTER 18-INCH



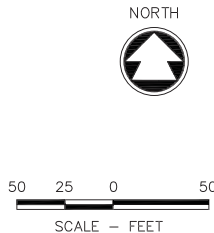
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NO.	DATE	REVISION
1	08/25/10	ADJUSTED CURB TAPER (STA. 14+00 RT)
2	09/29/10	ADJUSTED C/L & MEDIAN GRADES
3	10/06/10	ADJUSTED C/L & MEDIAN GRADES (NB/WB)
4	10/12/10	ADJUSTED C/L & MEDIAN GRADES (SB/EB)
5	10/15/10	ADJUSTED CURB TAPER (STA. 14+00 RT)

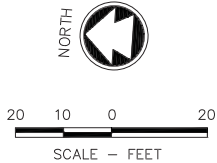
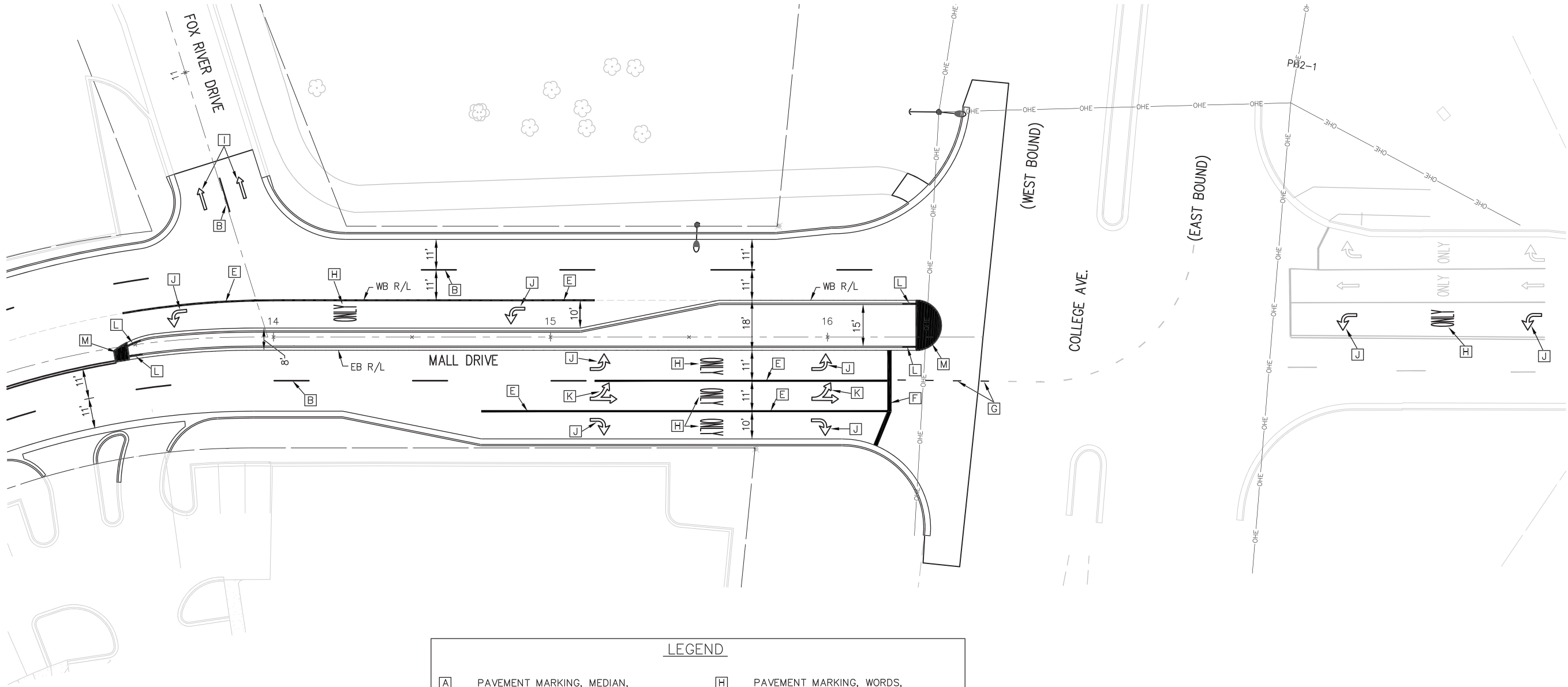
MALL DRIVE - STREET CONSTRUCTION
TOWN OF GRAND CHUTE
PAVING DETAIL

DESIGNED CCS	DRAWN RWG
PROJECT NO. G0006-900290	
DATE AUG., 2010	
SHEET NO. 10R	



MALL DRIVE – STREET CONSTRUCTION TOWN OF GRAND CHUTE HORIZONTAL ALIGNMENT DETAIL		No. 1 DATE 08/25/10 REVISION ADJUSTED CURB TAPER (STA. 14+00 RT)	McMAHON provides this drawing and data, regardless of medium, for the sole use of the client and for the client's service. All rights including copyright are retained by McMAHON. The client and/or consultant shall not use, copy, reproduce, or transmit in any form or by any means, electronic or mechanical, including photocopying, recording, or by any information storage and retrieval system, without the prior written consent of McMAHON. The client and/or consultant shall indemnify and hold McMAHON harmless from and against all claims, damages, costs and expenses, including reasonable attorneys' fees, that may be incurred by McMAHON due to or arising out of any changes made to the original drawing or data without prior written consent by McMAHON.
DESIGNED MRS	DRAWN MJA		
PROJECT NO. G0006 900290			
DATE JULY, 2010			
SHEET NO. 11R			

aschmidt: W:\PROJECTS\G0006\900290\14R-MARKING MALL.dwg 10/15/10 1:05 PM (X-MALL DRIVE-4, X-COMBINED METRO-MALL TOPO)



- LEGEND**
- A** PAVEMENT MARKING, MEDIAN, EPOXY, 4-INCH (DOUBLE YELLOW)
- B** PAVEMENT MARKING, LANE LINE, EPOXY, 4-INCH (DASHED WHITE)
- C** PAVEMENT MARKING, DIAGONAL, EPOXY, 12-INCH (YELLOW)
- D** PAVEMENT MARKING, NO PASSING, EPOXY, 4-INCH (DOUBLE YELLOW)
- E** PAVEMENT MARKING, CHANNELIZING, EPOXY, 8-INCH (WHITE)
- F** PAVEMENT MARKING, STOP LINE, EPOXY, 18-INCH (WHITE)
- G** PAVEMENT MARKING, CHANNELIZING, EPOXY, 8-INCH (DASHED WHITE)

- H** PAVEMENT MARKING, WORDS, PREFORMED THERMOPLASTIC (WHITE)
- I** PAVEMENT MARKING, ARROW, TYPE 1, PREFORMED THERMOPLASTIC (WHITE)
- J** PAVEMENT MARKING, ARROW, TYPE 2, PREFORMED THERMOPLASTIC (WHITE)
- K** PAVEMENT MARKING, ARROW, TYPE 3, PREFORMED THERMOPLASTIC (WHITE)
- L** PAVEMENT MARKING, CURB, EPOXY (YELLOW)
- M** PAVEMENT MARKING, ISLAND NOSE, EPOXY, (YELLOW)

MALL DRIVE - STREET CONSTRUCTION
TOWN OF GRAND CHUTE
PAVEMENT MARKING DETAIL

DESIGNED CCS	DRAWN RWG
PROJECT NO. G0006-900290	
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NO.	DATE	REVISION
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Mail Stop 1025 NEENAH, WI 54957-1025
Tel: (920) 751-4200 Fax: (920) 751-4284
www.mcngroup.com

CONSTRUCTION NOTES:

1. THE LOCATION OF EXISTING UTILITIES AS SHOWN ON THE PLAN ARE APPROXIMATE. IN ADDITION, THERE MAY BE OTHER UTILITIES WITHIN THE PROJECT AREA WHICH ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATONS OF ALL UTILITIES PRIOR TO CONSTRUCTION.

2. THE TRAFFIC SIGNAL INFORMATION SHOWN ON THE PLANS IS BASED ON AVAILABLE RECORDS. CONTRACTOR TO VERIFY INFORMATION SHOWN PRIOR TO REMOVING EXISTING TRAFFIC SIGNALS.

3. INSTALL OWNER FURNISHED TYPE 2 POLE WITH 20-FT TROMBONE ARM ON NEW TYPE 2 CONCRETE BASE NSB-12. INSTALL NEW SIGNAL FACE [15]. RELOCATE EXISTING SIGNAL FACE [10] TO THIS LOCATION.

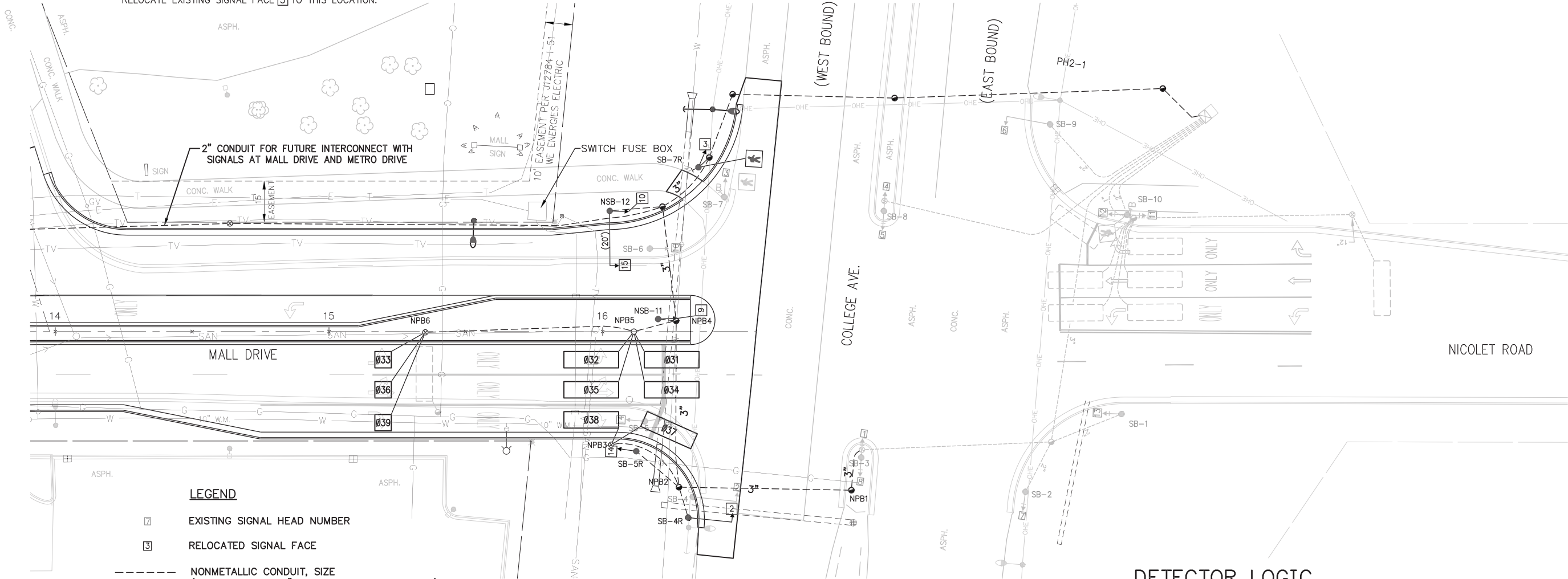
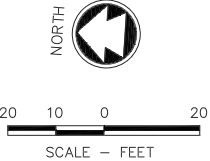
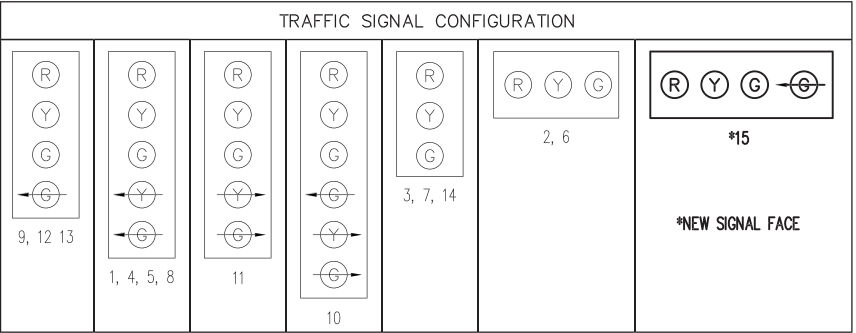
4. RELOCATE EXISTING 15-FT ALUMINUM STANDARD, PUSH BUTTON, AND PEDESTRIAN FACE TO NEW TYPE 1 CONCRETE BASE SB-7R. RELOCATE EXISTING SIGNAL FACE [3] TO THIS LOCATION.
5. RELOCATE EXISTING SIGNAL STANDARD, PEDESTAL MOUNT WITH SIGNAL FACE [14] ONTO NEW TYPE 1 CONCRETE BASE SB-5R. REPLACE EXISTING STEEL STANDARD WITH OWNER FURNISHED 15-FT ALUMINUM STANDARD.

6. INSTALL NEW TYPE 1 CONCRETE BASE AT NSB-11. INSTALL OWNER FURNISHED 15-FT ALUMINUM STANDARD ON SALVAGED PEDESTAL BASE (FROM EXISTING SB-6). RELOCATE EXISTING SIGNAL FACE [9] TO THIS LOCATION.

7. RELOCATE EXISTING TYPE 2 POLE WITH MAST ARM AND SIGNAL FACE [2] ON TO NEW TYPE 2 CONCRETE BASE SB-4R.

8. REMOVE ALL VACATED CONCRETE BASES.

9. FINAL LOCATION OF LOOPS AND SIGNAL BASES TO BE DETERMINED BY THE ENGINEER.



LEGEND

- Ⓢ

EXISTING SIGNAL HEAD NUMBER

[15]

RELOCATED SIGNAL FACE

NONMETALLIC CONDUIT, SIZE (ALL CONDUIT IS 2" UNLESS OTHERWISE NOTED)

⊗

EXISTING PULL BOX

NPB ⊗

NEW PULL BOX, 12" X 24"

NPB ●

NEW PULL BOX, 24" X 36"

Ⓢ

021

LOOP DETECTOR (RECTANGLE) IN CONDUIT

Ⓢ

EXISTING CONTROL CABINET

←

●

20'

SIGNAL HEAD, PEDESTAL MOUNT, TYPE 1 BASE

←

●

SIGNAL HEAD, MAST - ARM MOUNT (LENGTH), TYPE 2 BASE, TYPE 2 POLE
- Ⓢ

RELOCATED PEDESTRIAN SIGNAL FACE

Ⓢ

RELOCATED PEDESTRIAN PUSH BUTTON

Ⓢ

EXISTING PEDESTRIAN SIGNAL FACE

Ⓢ

EXISTING PEDESTRIAN PUSH BUTTON

DETECTOR LOGIC

DETECTOR NUMBER	AMPLIFIER CHANNEL NUMBER	DETECTOR OPERATION			PHASE CALLED	PHASE EXTENDED	DETECTOR DISCONNECT PHASE	CALLING DELAY	EXTENSION STRETCH	SIZE	NUMBER OF TURNS	NOTES
		CALLS AND EXTENDS	CALLS ONLY	EXTENDS ONLY								
31	EXISTING	X			4	4				6'x20'	4	A
32	EXISTING	X			4	4				6'x20'	4	A
33	EXISTING			X		4			X	6'x6'	5	A
34	EXISTING	X			4	4				6'x20'	4	A
35	EXISTING	X			4	4				6'x20'	4	A
36	EXISTING			X		4			X	6'x6'	5	A
37	NEW	X			4	4		X		6'x20'	4	B
38	NEW	X			4	4		X		6'x20'	4	B
39	NEW			X		4			X	6'x6'	5	B

NOTES: A = LOOP DETECTOR INSTALLED IN EXISTING ASPHALT PAVEMENT WITH NEW ASPHALT OVERLAY
B = LOOP DETECTOR INSTALLED IN BASE AGGREGATE (NEW ASPHALT PAVEMENT)

NO.	DATE	REVISION

MALL DRIVE - STREET CONSTRUCTION
TOWN OF GRAND CHUTE
COLLEGE AVE SIGNAL PLAN

DESIGNED MRS	DRAWN RWG
PROJECT NO. G0006-900290	
DATE JUNE, 2010	
SHEET NO.	