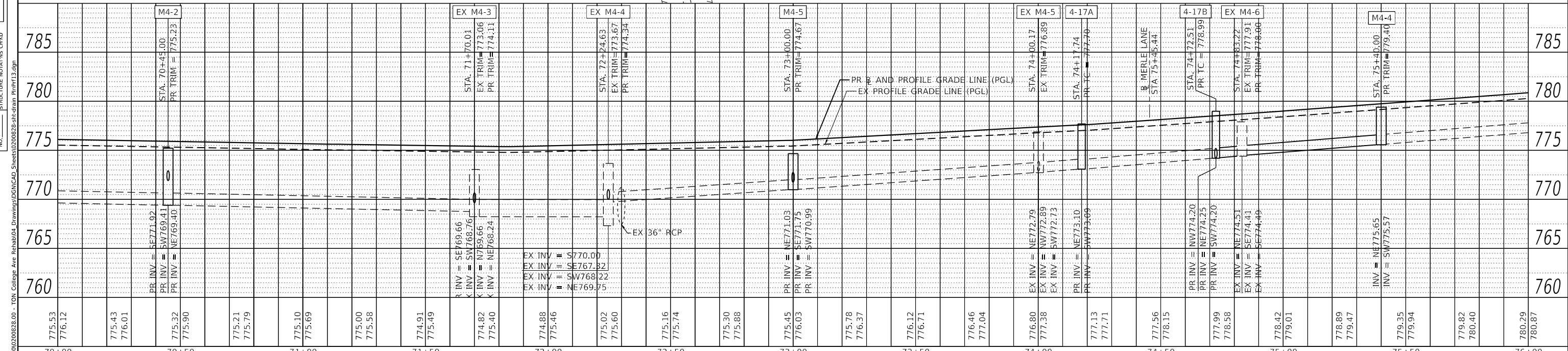
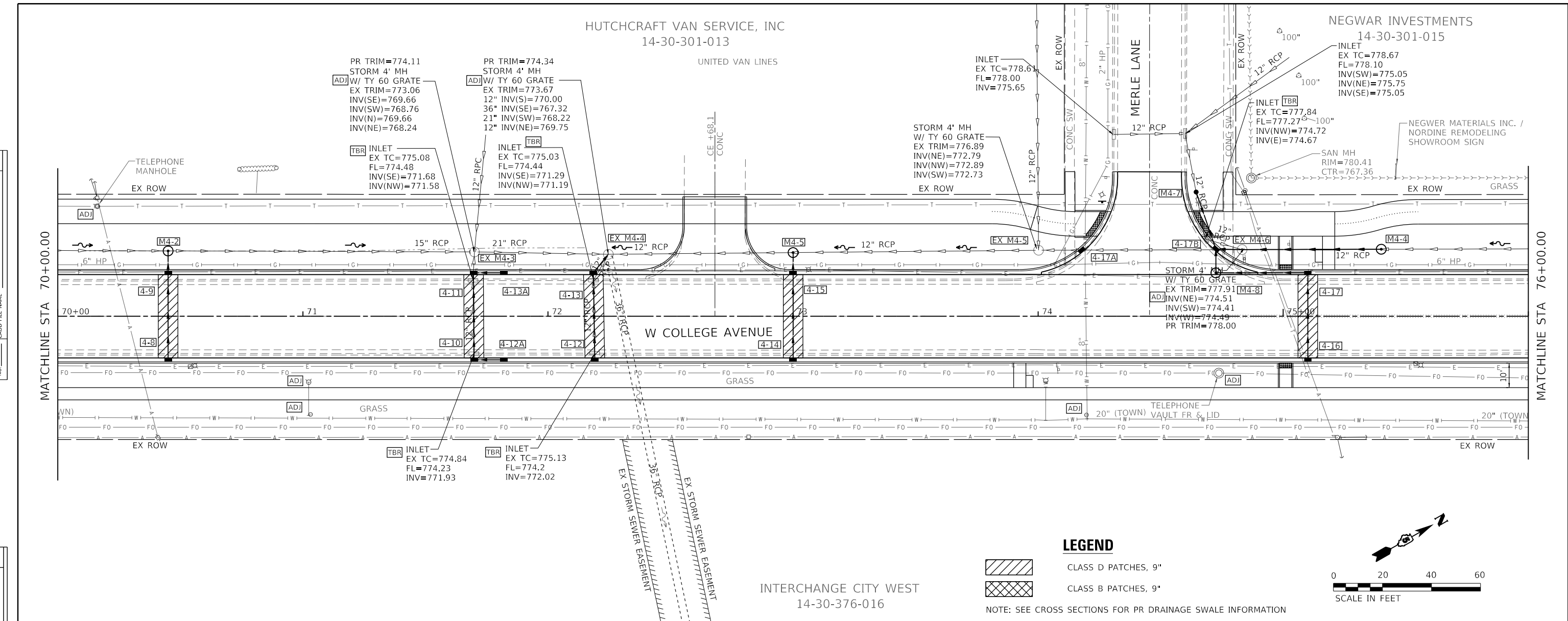


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BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	FILE NAME
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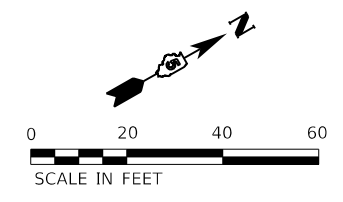
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BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHYWD
	NO.



**LEGEND**

- CLASS D PATCHES, 9"
- CLASS B PATCHES, 9"

NOTE: SEE CROSS SECTIONS FOR PR DRAINAGE SWALE INFORMATION

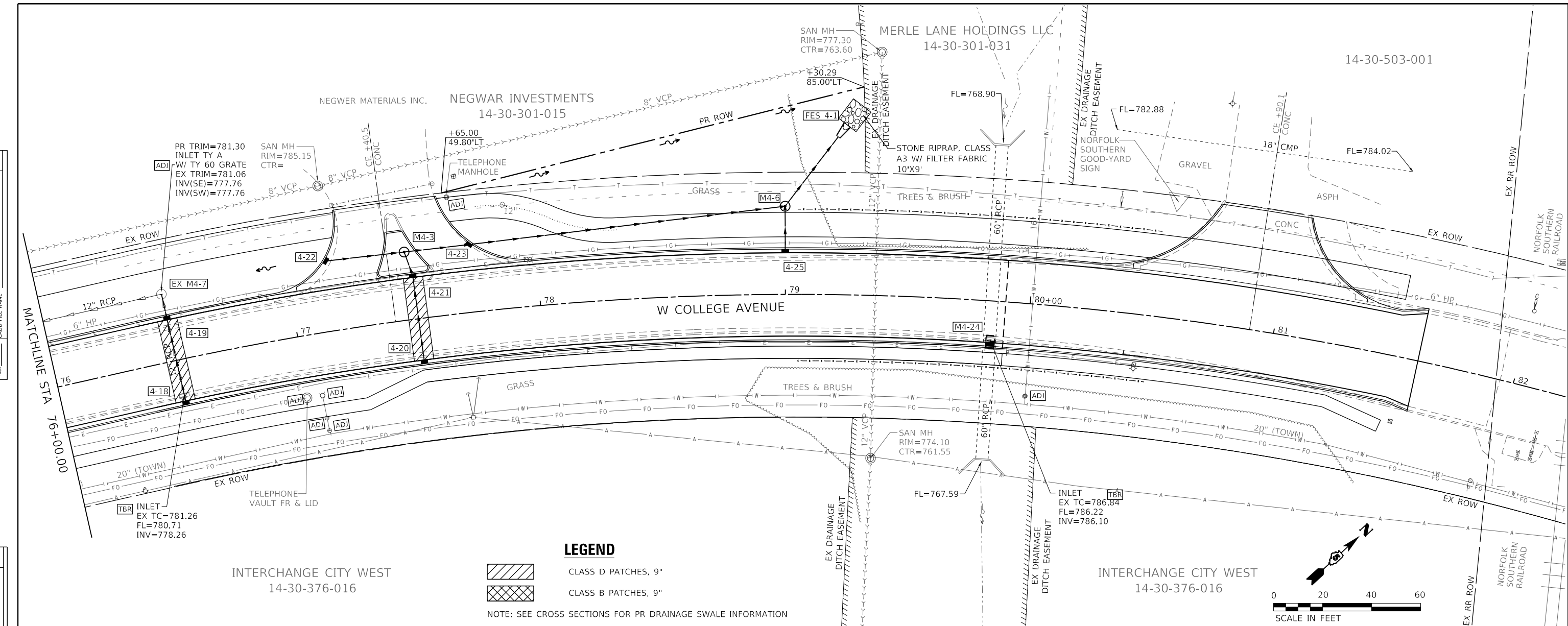


<p><b>Farnsworth GROUP</b> 2708 McGRAW DRIVE BLOOMINGTON, ILLINOIS 61704 (309) 663-8435 / Info@f-w.com</p>	USER NAME = dmeyer	DESIGNED - KLM	REVISED -	<p><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p>	<p><b>WEST COLLEGE AVENUE</b> <b>DRAINAGE PLAN AND PROFILE</b></p>	F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 101	
	PLOT SCALE = 40.0000' / in.	CHECKED - ERB	REVISED -			SCALE: 1" = 20'	SHEET 13 OF 14 SHEETS	STA. 70+00.00 TO STA. 76+00.00	CONTRACT NO. 91619		
	PLOT DATE = 11/9/2023	DATE = 11/09/2023	REVISED -			ILLINOIS FED. AID PROJECT					

MODEL: Default  
FILE NAME: J:\2020\02\06\28\00 - Ton College Ave Rehab\04 Drawings\CONCAD\_Sheets\02\06\28-sh-drain Plan\13.dgn

DATE	
BY	
PLAN	SURVEYED
	ALIGNED
	CHECKED
	DATE
	NO.
	FILE NAME

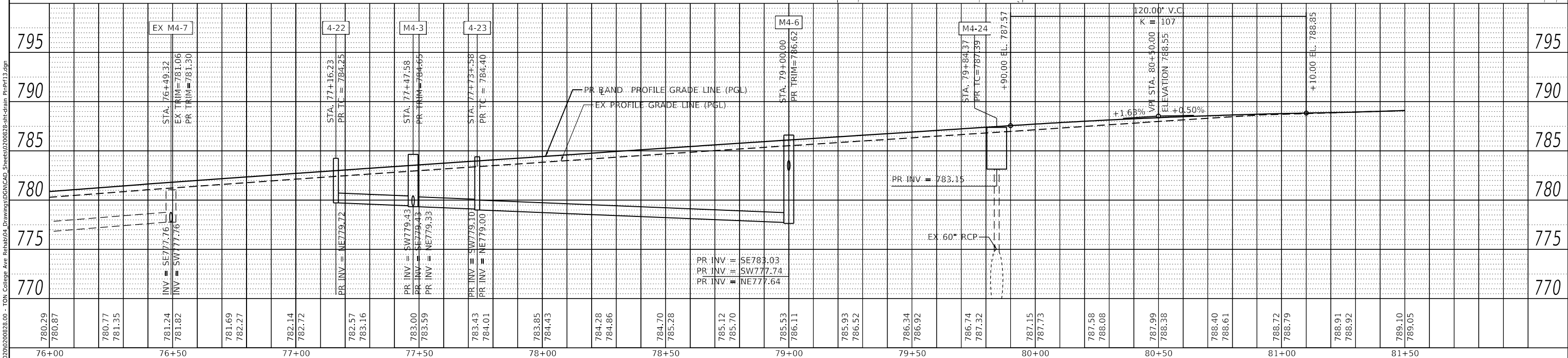
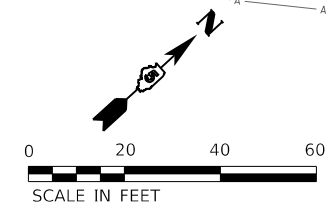
DATE	
BY	
PROFILE	SURVEYED
	GRADES
	CHECKED
	DATE
	NO.
	FILE NAME



INTERCHANGE CITY WEST  
14-30-376-016

**LEGEND**  
 CLASS D PATCHES, 9"  
 CLASS B PATCHES, 9"  
 NOTE: SEE CROSS SECTIONS FOR PR DRAINAGE SWALE INFORMATION

INTERCHANGE CITY WEST  
14-30-376-016



**Farnsworth GROUP**  
2708 McGRAW DRIVE  
BLOOMINGTON, ILLINOIS 61704  
(309) 663-8435 / Info@f-w.com

USER NAME = dmeyer	DESIGNED - KLM	REVISED -
	DRAWN - JJO, DRR	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - ERB	REVISED -
PLOT DATE = 11/9/2023	DATE - 11/09/2023	REVISED -





**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
DRAINAGE PLAN AND PROFILE**  
 SCALE: 1" = 20' SHEET 14 OF 14 SHEETS STA. 76+00.00 TO STA. 81+60.00

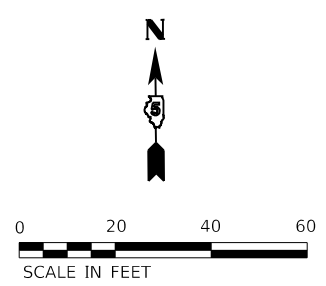
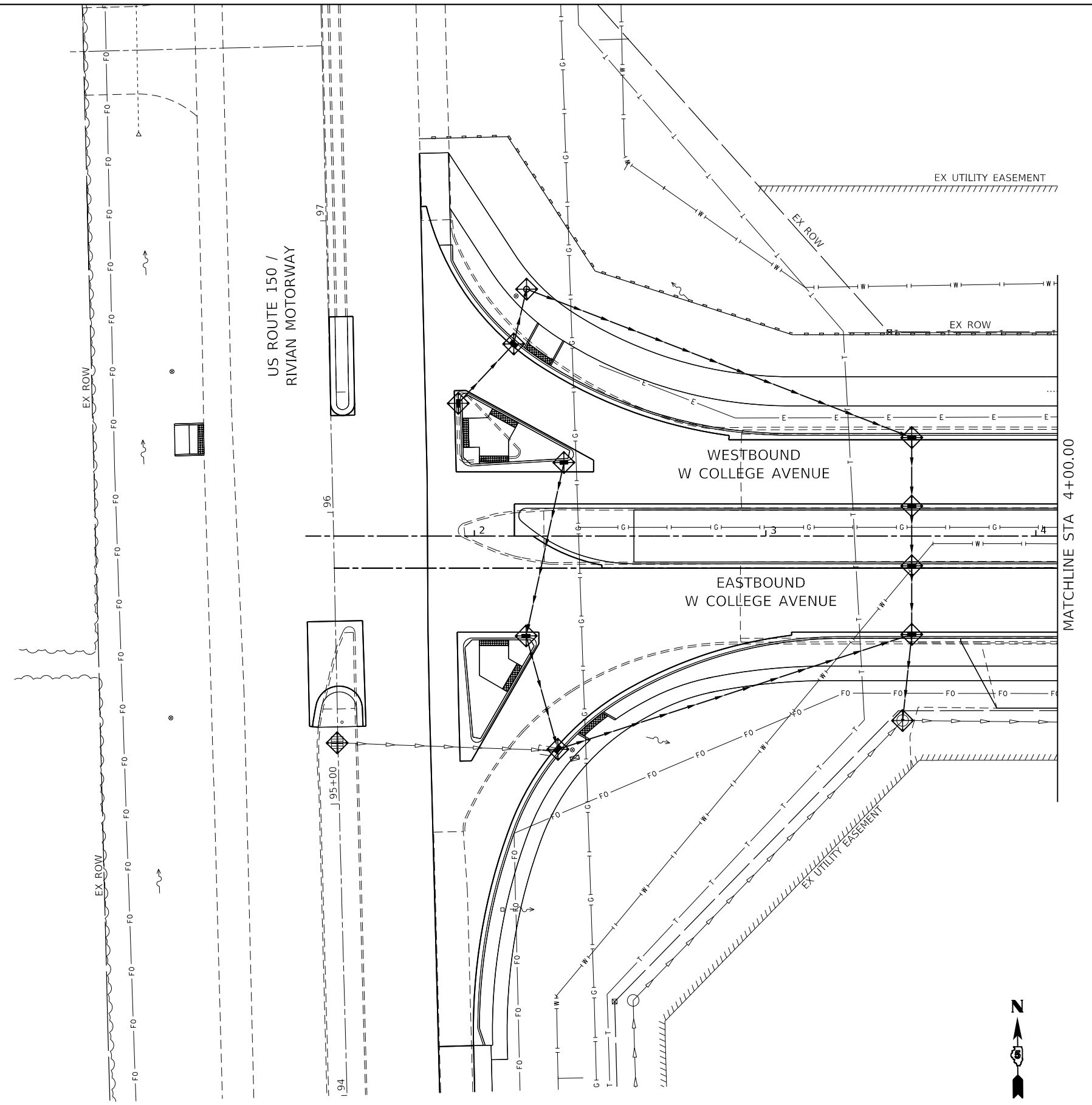
F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 102
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
FILE NAME: J:\2020\02\06\28-00 - Ton College Ave Rehab\04 Drawings\DC\DCAD\_Sheets\02\06\28-sh-drain\_PlanP13.dgn

**EROSION CONTROL LEGEND**

-  INLET AND PIPE PROTECTION / INLET FILTER
-  TEMPORARY DITCH CHECKS
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL BLANKET

NOTE: SEE SPECIAL PROVISIONS.



MODEL: Default; FILE NAME: 202202020028.00 - TDM College Ave Rehab04\_Drawing1000CAD\_Sheet020028.00.rvt-Erosion Control.dgn



USER NAME = dmeyer	DESIGNED - KLM	REVISED -
DRAWN - DRR	REVISIONS -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - ERB	REVISED -
PLOT DATE = 11/9/2023	DATE - 11/09/2023	REVISED -





**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

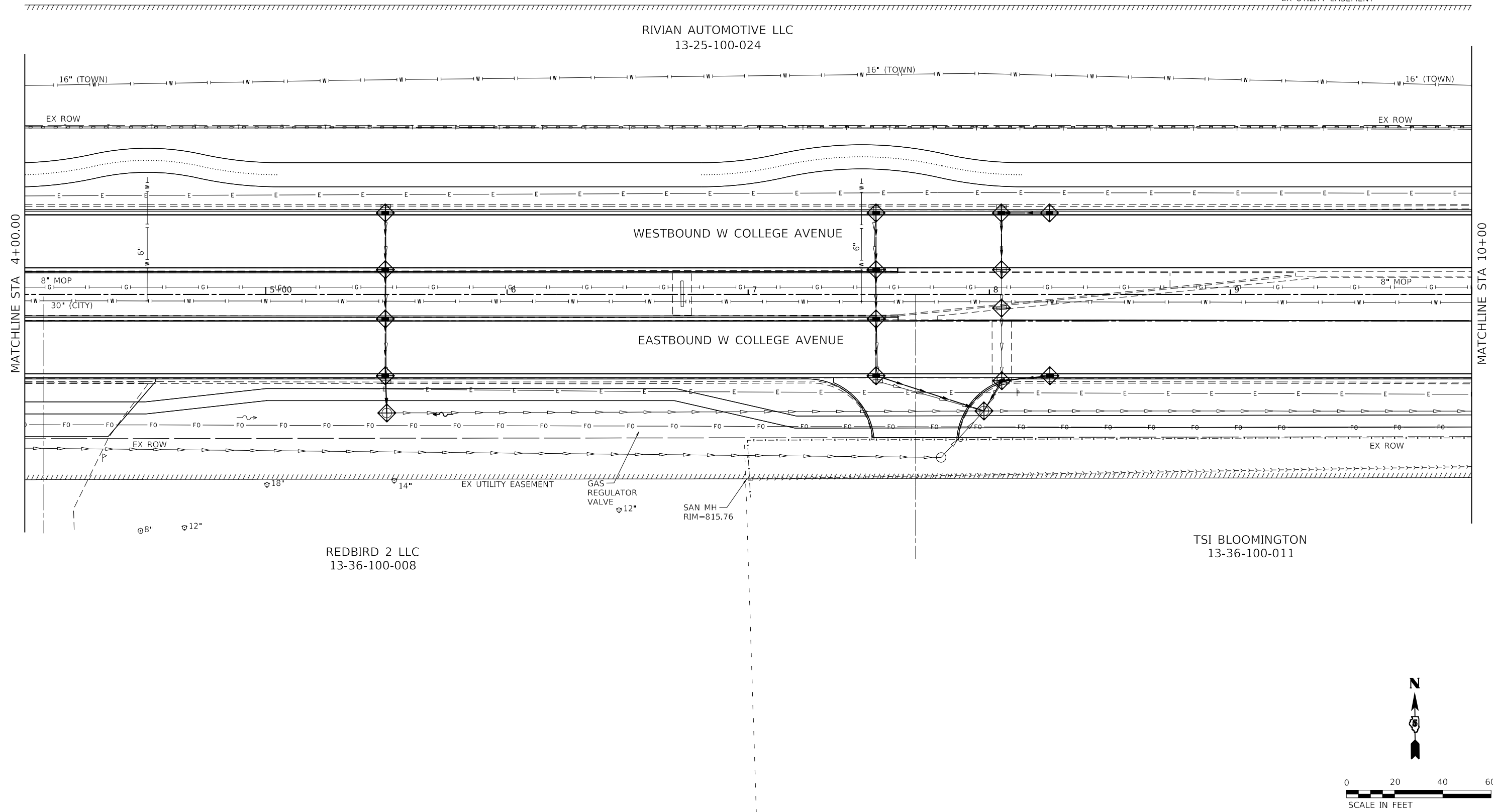
**WEST COLLEGE AVENUE  
EROSION CONTROL PLAN**

SCALE: 1" = 20' SHEET 1 OF 14 SHEETS STA. 1+83.90 TO STA. 4+00.00

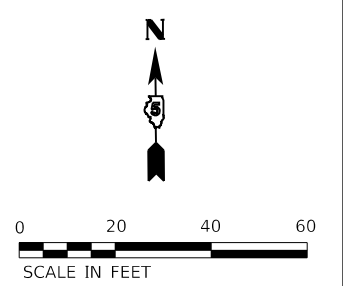
F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 103
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

**EROSION CONTROL LEGEND**


-  INLET AND PIPE PROTECTION / INLET FILTER
  -  TEMPORARY DITCH CHECKS
  -  PERIMETER EROSION BARRIER
  -  TEMPORARY EROSION CONTROL BLANKET
- NOTE: SEE SPECIAL PROVISIONS.  
EX UTILITY EASEMENT



TSI BLOOMINGTON  
13-36-100-011



MODEL: Default  
FILE: Model: 11/09/2023 10:02:00 2002.00 - TDM College Ave Rehabilitation - Drawing: DGN\CAD\_Sheets\022002.00 - Erosion Control.dgn

 <b>Farnsworth GROUP</b> 2709 McGRAW DRIVE BLOOMINGTON, ILLINOIS 61704 (309) 663-8435 / info@f-w.com	USER NAME = dmeyer	DESIGNED - KLM	REVISED -
	PLOT SCALE = 40.0000' / in.	DRAWN - DRR	REVISED -
	PLOT DATE = 11/9/2023	CHECKED - ERB	REVISED -
		DATE - 11/09/2023	REVISED -





**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
EROSION CONTROL PLAN**

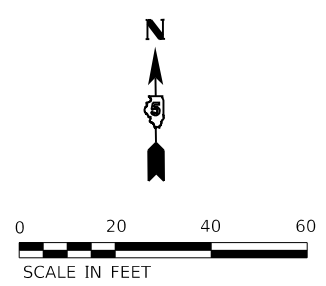
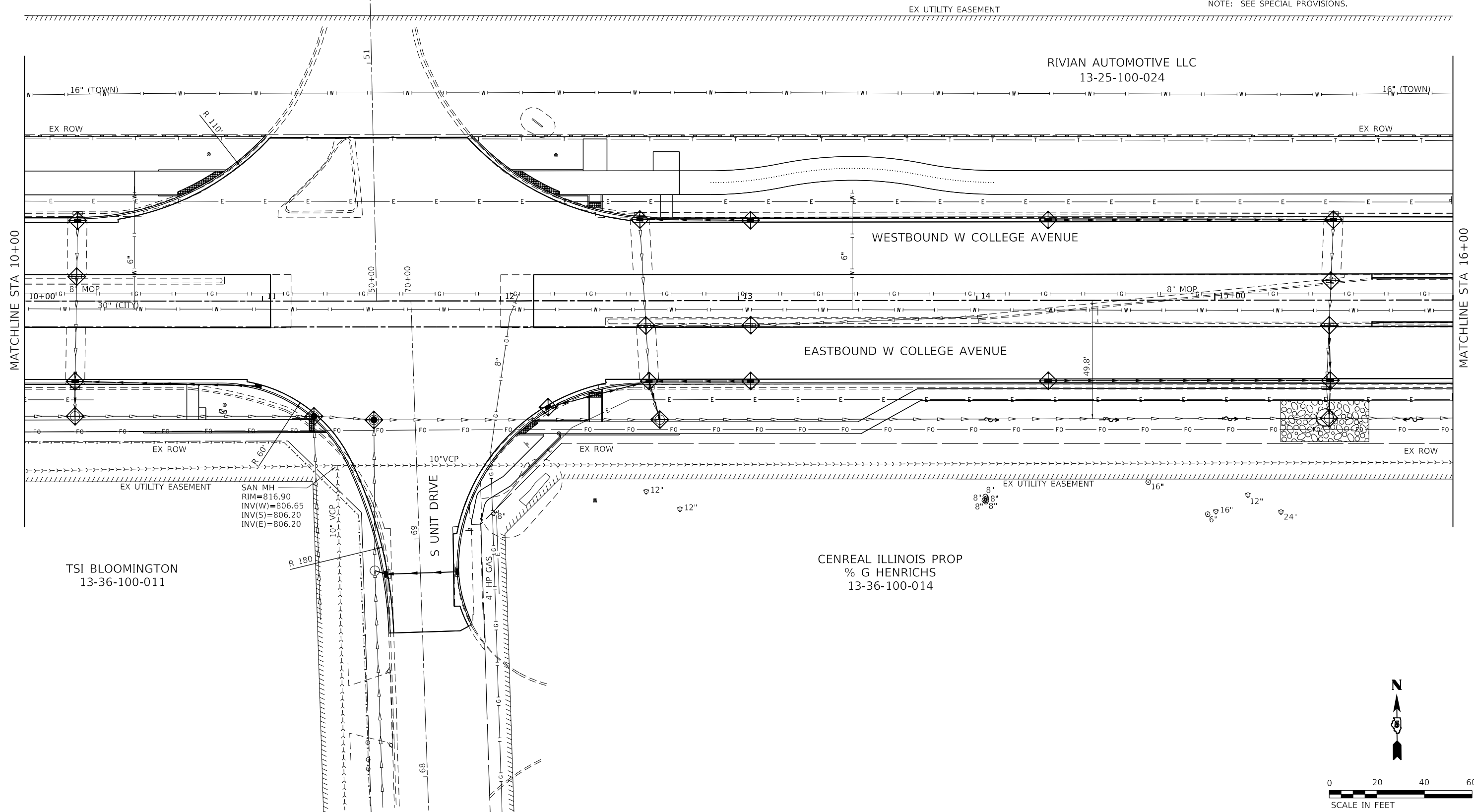
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	104
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				


**EROSION CONTROL LEGEND**

-  INLET AND PIPE PROTECTION / INLET FILTER
-  TEMPORARY DITCH CHECKS
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL BLANKET





NOTE: SEE SPECIAL PROVISIONS.



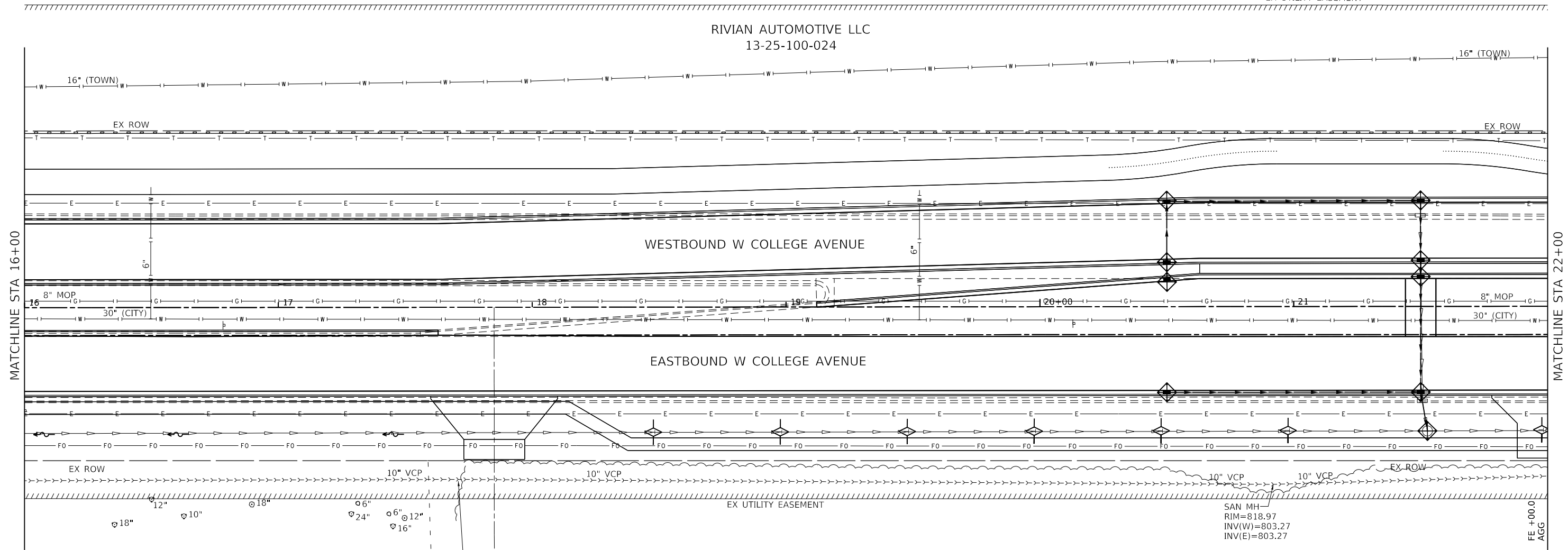
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 <p><b>Farnsworth GROUP</b> 2709 McGRAW DRIVE BLOOMINGTON, ILLINOIS 61704 (309) 663-8435 / info@f-w.com</p>	USER NAME = dmeyer PLOT SCALE = 40.0000' / in. PLOT DATE = 11/9/2023	DESIGNED - KLM DRAWN - DRR CHECKED - ERB DATE - 11/09/2023	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>WEST COLLEGE AVENUE EROSION CONTROL PLAN</b>	F.A.U. RTE. 6352 SECTION 20-00271-00-PV COUNTY McLEAN TOTAL SHEETS 233 SHEET NO. 105 CONTRACT NO. 91619	ILLINOIS FED. AID PROJECT
	SCALE: 1" = 20' SHEET 3 OF 14 SHEETS STA. 10+00.00 TO STA. 16+00.00						

**EROSION CONTROL LEGEND**

-  INLET AND PIPE PROTECTION / INLET FILTER
-  TEMPORARY DITCH CHECKS
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL BLANKET

NOTE: SEE SPECIAL PROVISIONS.  
EX UTILITY EASEMENT

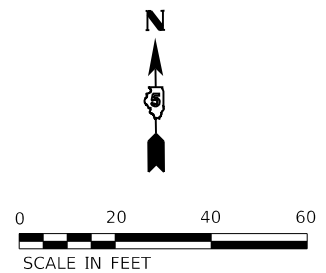


CENREAL ILLINOIS PROP  
% G HENRICHS  
13-36-100-014

SAN MH  
RIM=820.00  
INV(W)=804.25  
INV(E)=804.25

Hruska David E  
13-36-100-020

SAN MH  
RIM=818.97  
INV(W)=803.27  
INV(E)=803.27



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USER NAME = dmeyer	DESIGNED - KLM	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN - DRR	REVISED -
PLOT DATE = 11/9/2023	CHECKED - ERB	REVISED -
	DATE - 11/09/2023	REVISED -





**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
EROSION CONTROL PLAN**

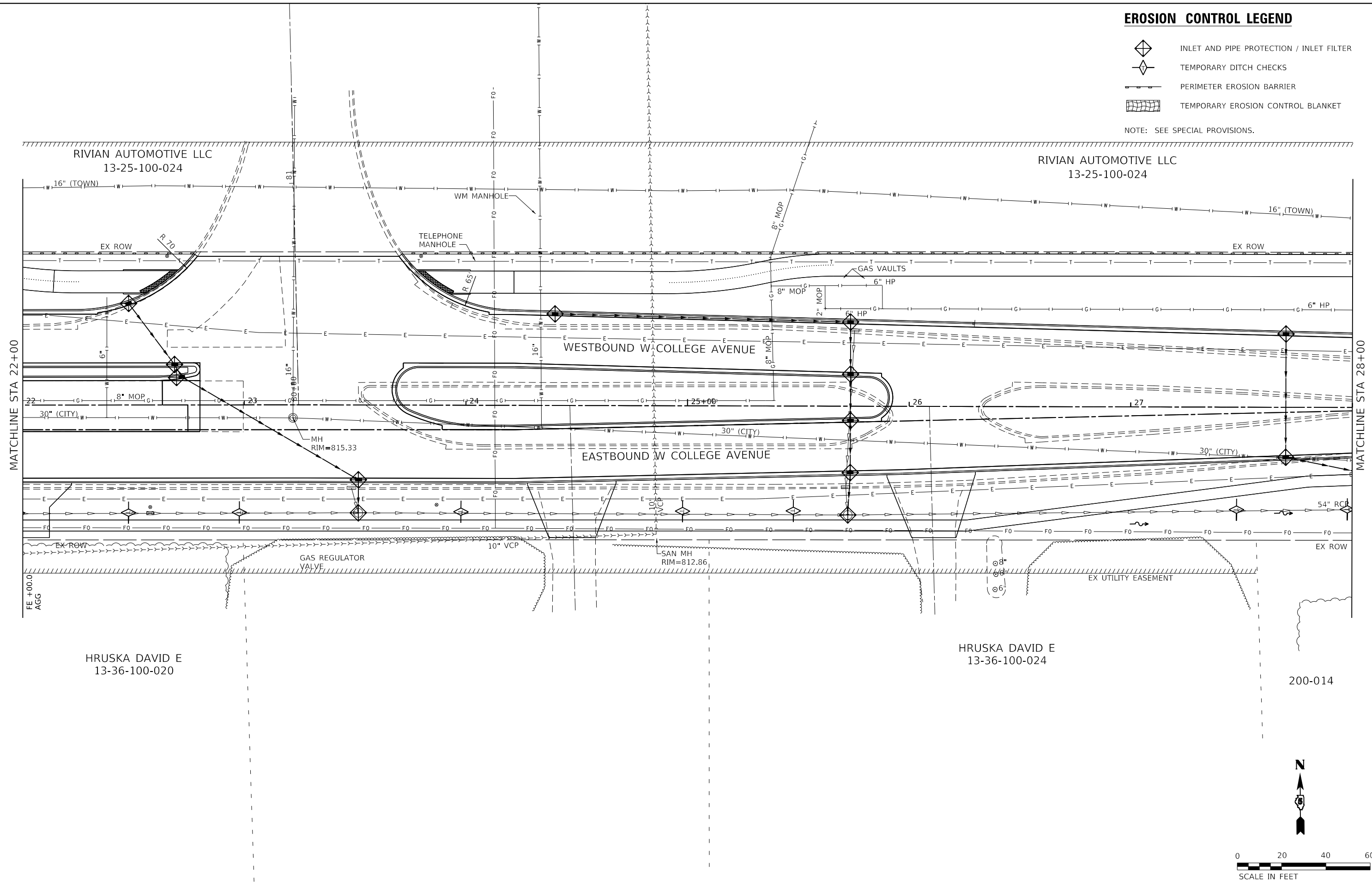
SCALE: 1" = 20'    SHEET 4 OF 14 SHEETS    STA. 16+00.00 TO STA. 22+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	106
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

**EROSION CONTROL LEGEND**

-  INLET AND PIPE PROTECTION / INLET FILTER
-  TEMPORARY DITCH CHECKS
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL BLANKET

NOTE: SEE SPECIAL PROVISIONS.



HRUSKA DAVID E  
13-36-100-020

HRUSKA DAVID E  
13-36-100-024

200-014



MODEL: Default  
FILE: \\mfc\13-36-100-020-100\College Ave Rehab\104\_Drawing\104\DC\CAD\_Sheets\102\0028.00-104-104-Erosion\_Control.dwg

**Farnsworth GROUP**  
2709 MCGRAW DRIVE  
BLOOMINGTON, ILLINOIS 61704  
(309) 663-8435 / info@f-w.com

USER NAME = dmeyer	DESIGNED - KLM	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - DRR	REVISED -
PLOT DATE = 11/9/2023	CHECKED - ERB	REVISED -
	DATE - 11/09/2023	REVISED -





**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

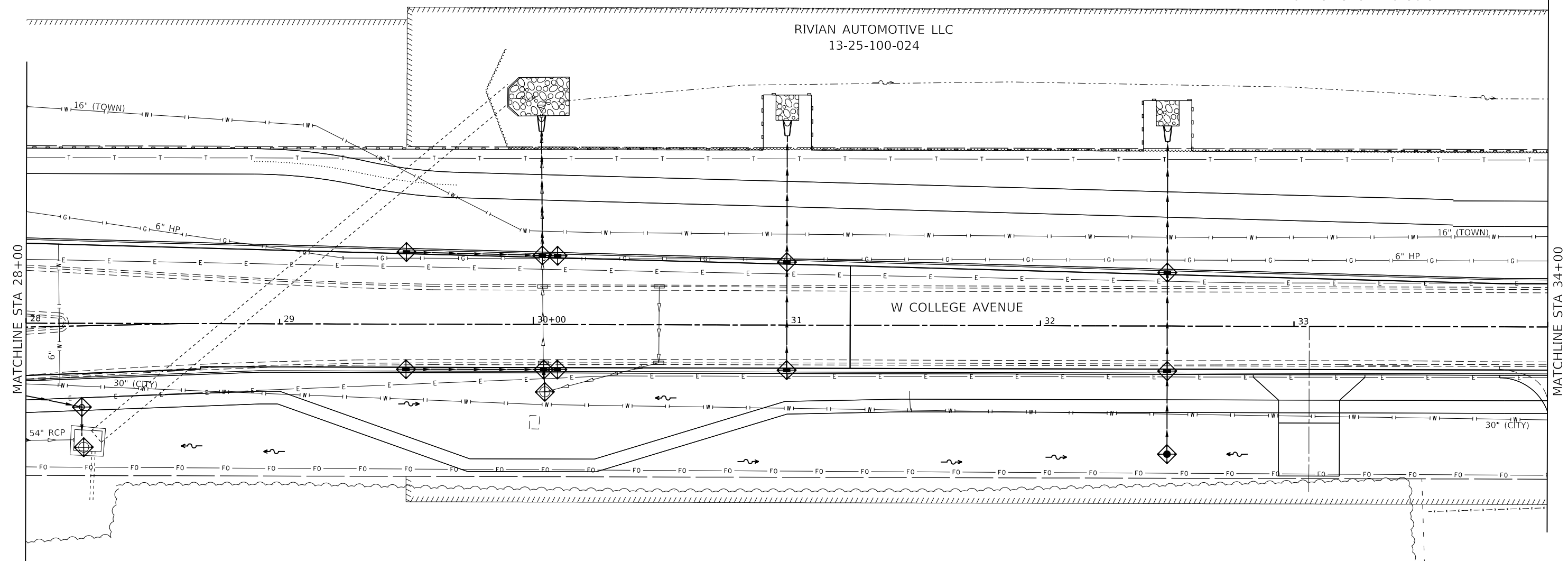
**WEST COLLEGE AVENUE  
EROSION CONTROL PLAN**

SCALE: 1" = 20'    SHEET 5 OF 14 SHEETS    STA. 22+00.00 TO STA. 28+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	107
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

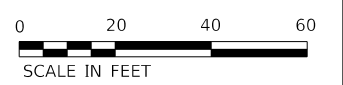
**EROSION CONTROL LEGEND**

-  INLET AND PIPE PROTECTION / INLET FILTER
  -  TEMPORARY DITCH CHECKS
  -  PERIMETER EROSION BARRIER
  -  TEMPORARY EROSION CONTROL BLANKET
- NOTE: SEE SPECIAL PROVISIONS.




HRUSKA DAVID E  
13-36-200-014

McLEAN  
COUNTY  
AG EXPO  
13-36-200-019







MODEL: Default  
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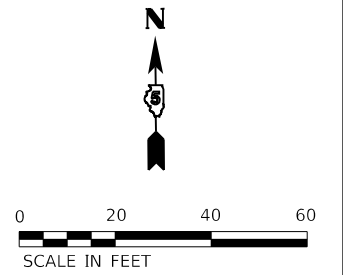
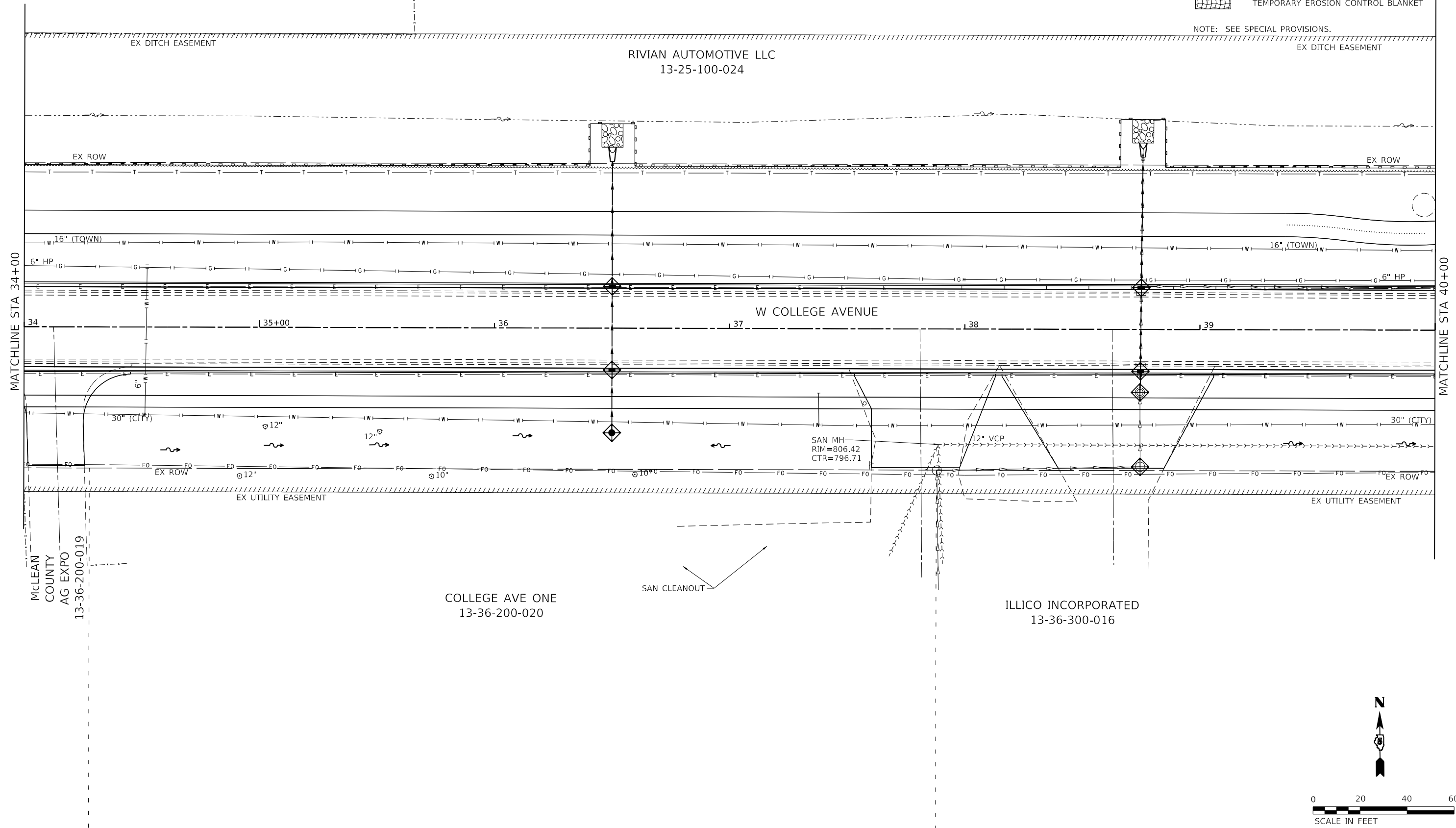
 <p><b>Farnsworth GROUP</b> 2709 McGRAW DRIVE BLOOMINGTON, ILLINOIS 61704 (309) 663-8435 / info@f-w.com</p>	USER NAME = dmeyer	DESIGNED - KLM	REVISED -	<p><b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b></p>	<p><b>WEST COLLEGE AVENUE EROSION CONTROL PLAN</b></p>	F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 108
	PLOT SCALE = 40.0000 ' / in.	CHECKED - ERB	REVISED -			SCALE: 1" = 20'	SHEET 6 OF 14 SHEETS	STA. 28+00.00 TO STA. 34+00.00	CONTRACT NO. 91619	
	PLOT DATE = 11/9/2023	DATE - 11/09/2023	REVISED -							




# EROSION CONTROL LEGEND

-  INLET AND PIPE PROTECTION / INLET FILTER
-  TEMPORARY DITCH CHECKS
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL BLANKET

NOTE: SEE SPECIAL PROVISIONS.



MODEL: Default  
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 <p>2709 McGRAW DRIVE BLOOMINGTON, ILLINOIS 61704 (309) 663-8435 / Info@f-w.com</p>	USER NAME = dmeyer	DESIGNED - KLM	REVISED -
	PLOT SCALE = 40.0000' / in.	DRAWN - DRR	REVISED -
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		DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

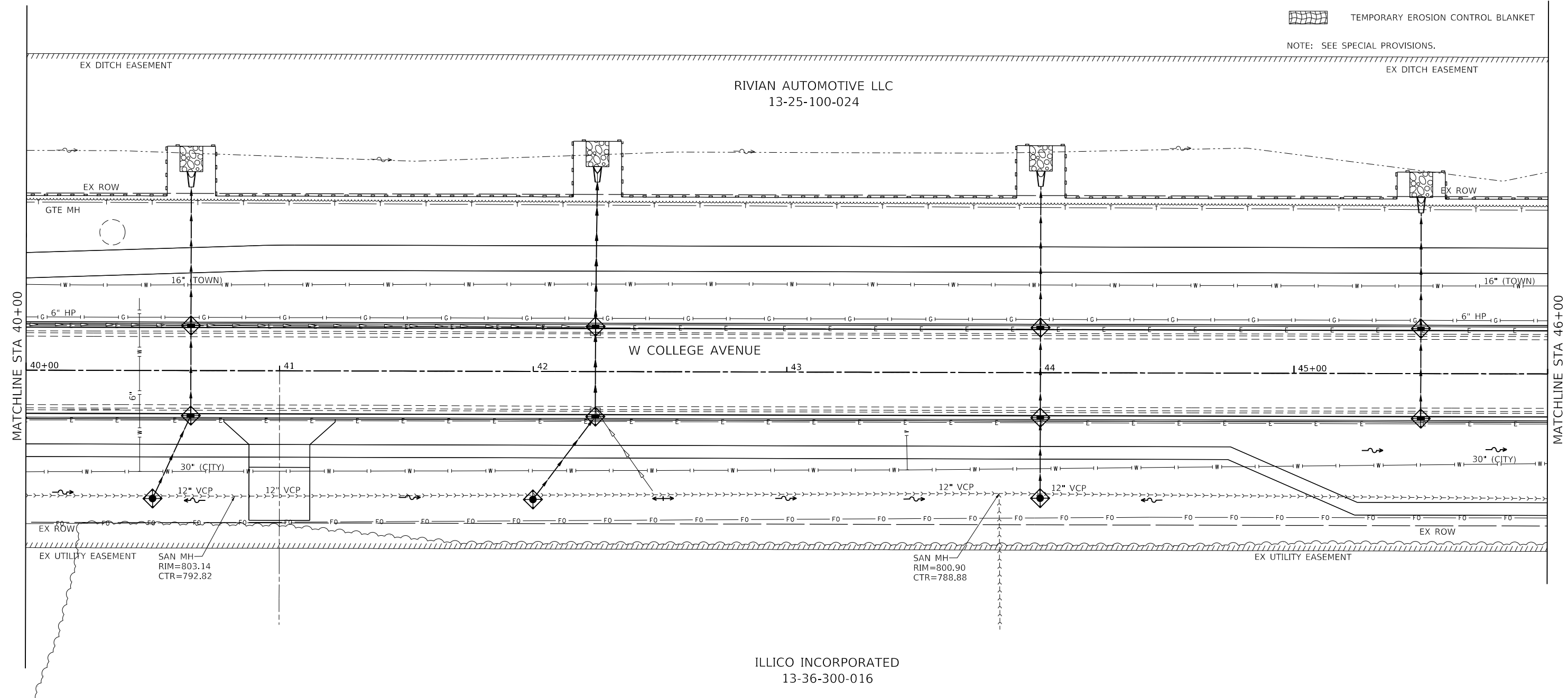
<b>WEST COLLEGE AVENUE</b> <b>EROSION CONTROL PLAN</b>	
SCALE: 1" = 20'	SHEET 7 OF 14 SHEETS
STA. 34+00.00	TO STA. 40+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	109
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

**EROSION CONTROL LEGEND**

-  INLET AND PIPE PROTECTION / INLET FILTER
-  TEMPORARY DITCH CHECKS
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL BLANKET

NOTE: SEE SPECIAL PROVISIONS.



MODEL: Default; FILE: Model; 11/22/2023 10:02:08.00 - TOW College Ave Rehab04 - Drawing\DCN\CAD\_Sheets\10230828\_00-erh-Erosion\_Control.dgn



**Farnsworth GROUP**  
 2709 McGRAW DRIVE  
 BLOOMINGTON, ILLINOIS 61704  
 (309) 663-8435 / info@f-w.com





USER NAME = dmeyer	DESIGNED - KLM	REVISED -
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PLOT DATE = 11/9/2023	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

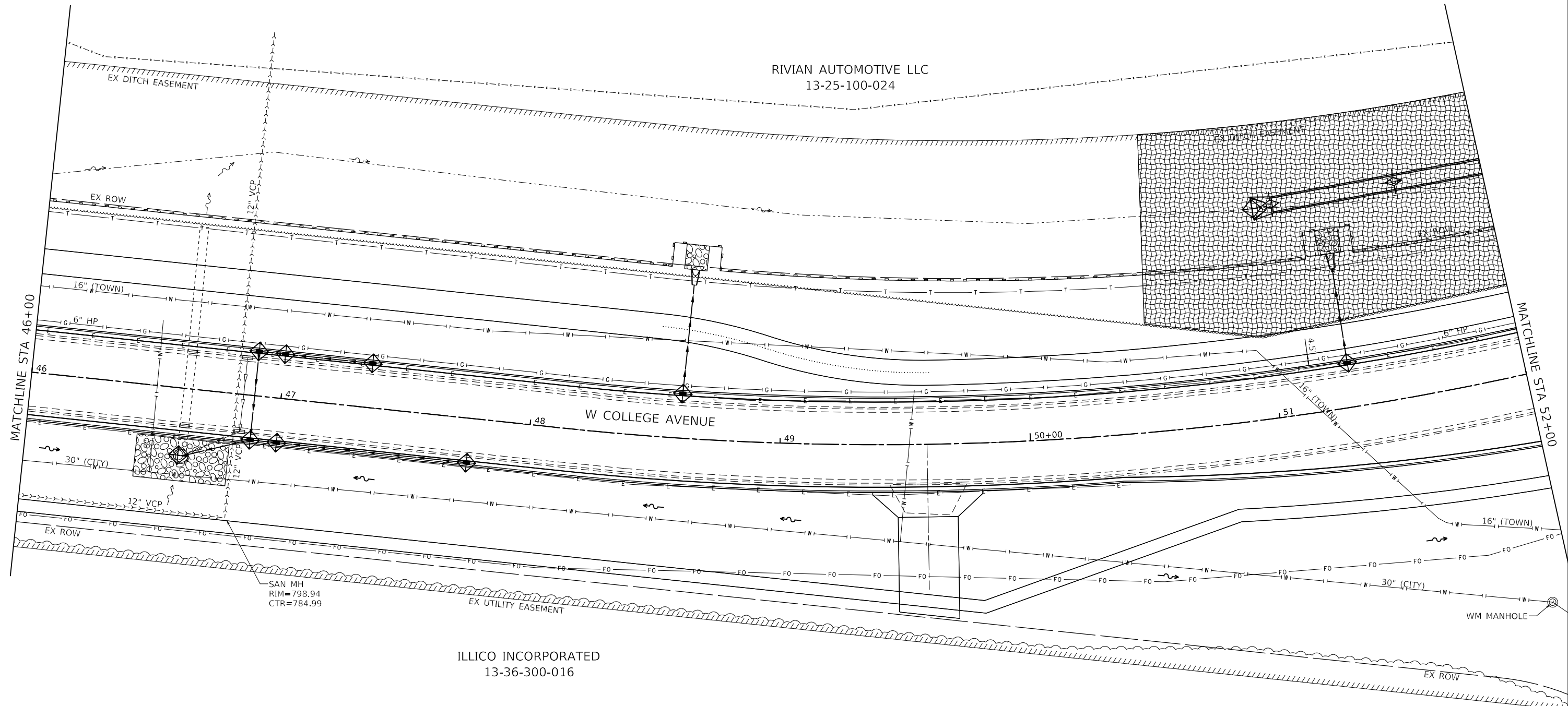
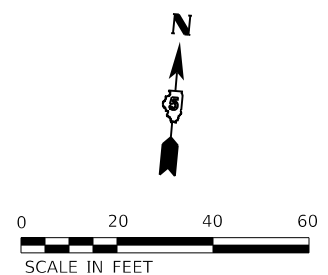
<b>WEST COLLEGE AVENUE          EROSION CONTROL PLAN</b>	
SCALE: 1" = 20'	SHEET 8 OF 14 SHEETS
STA. 40+00.00 TO STA. 46+00.00	

F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 110
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

**EROSION CONTROL LEGEND**

-  INLET AND PIPE PROTECTION / INLET FILTER
-  TEMPORARY DITCH CHECKS
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL BLANKET

NOTE: SEE SPECIAL PROVISIONS.



MODEL: Default; FILE: Model; 20230920020028.00 - TDM\_College\_Ave\_Rehab04\_Drawing\DCN\CAD\_Sheets\020028.00-1-1-1-Erosion\_Control.dgn

**Farnsworth GROUP**  
2709 McGRAW DRIVE  
BLOOMINGTON, ILLINOIS 61704  
(309) 663-8435 / info@f-w.com

USER NAME = dmeyer	DESIGNED - KLM	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN - DRR	REVISED -
PLOT DATE = 11/9/2023	CHECKED - ERB	REVISED -
	DATE - 11/09/2023	REVISED -





**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
EROSION CONTROL PLAN**

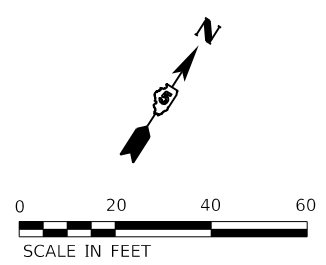
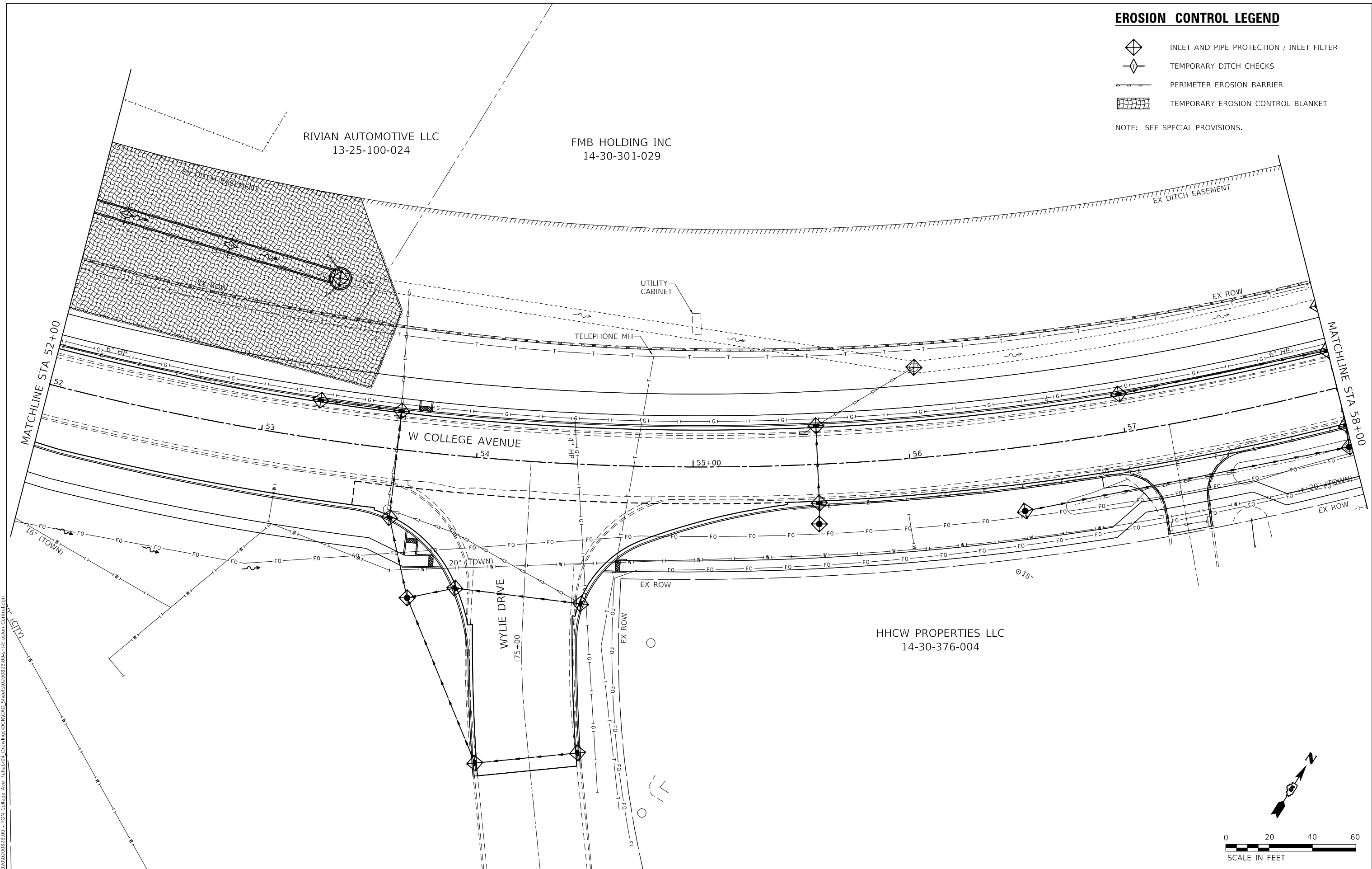
SCALE: 1" = 20'    SHEET 9 OF 14 SHEETS    STA. 46+00.00 TO STA. 52+00.00

F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 111
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

**EROSION CONTROL LEGEND**

-  INLET AND PIPE PROTECTION / INLET FILTER
-  TEMPORARY DITCH CHECKS
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL BLANKET

NOTE: SEE SPECIAL PROVISIONS.



MODEL: Default  
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 DATE: 11/9/2023

**Farnsworth GROUP**  
 2709 McGRAW DRIVE  
 BLOOMINGTON, ILLINOIS 61704  
 (309) 663-8435 / info@f-w.com

USER NAME = dmeyer	DESIGNED - KLM	REVISED -
	DRAWN - DRR	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - ERB	REVISED -
PLOT DATE = 11/9/2023	DATE - 11/09/2023	REVISED -





**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE**  
**EROSION CONTROL PLAN**

SCALE: 1" = 20'    SHEET 10 OF 14 SHEETS    STA. 52+00.00 TO STA. 58+00.00

F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 112
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

**EROSION CONTROL LEGEND**

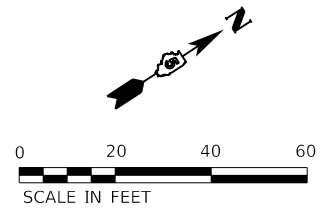
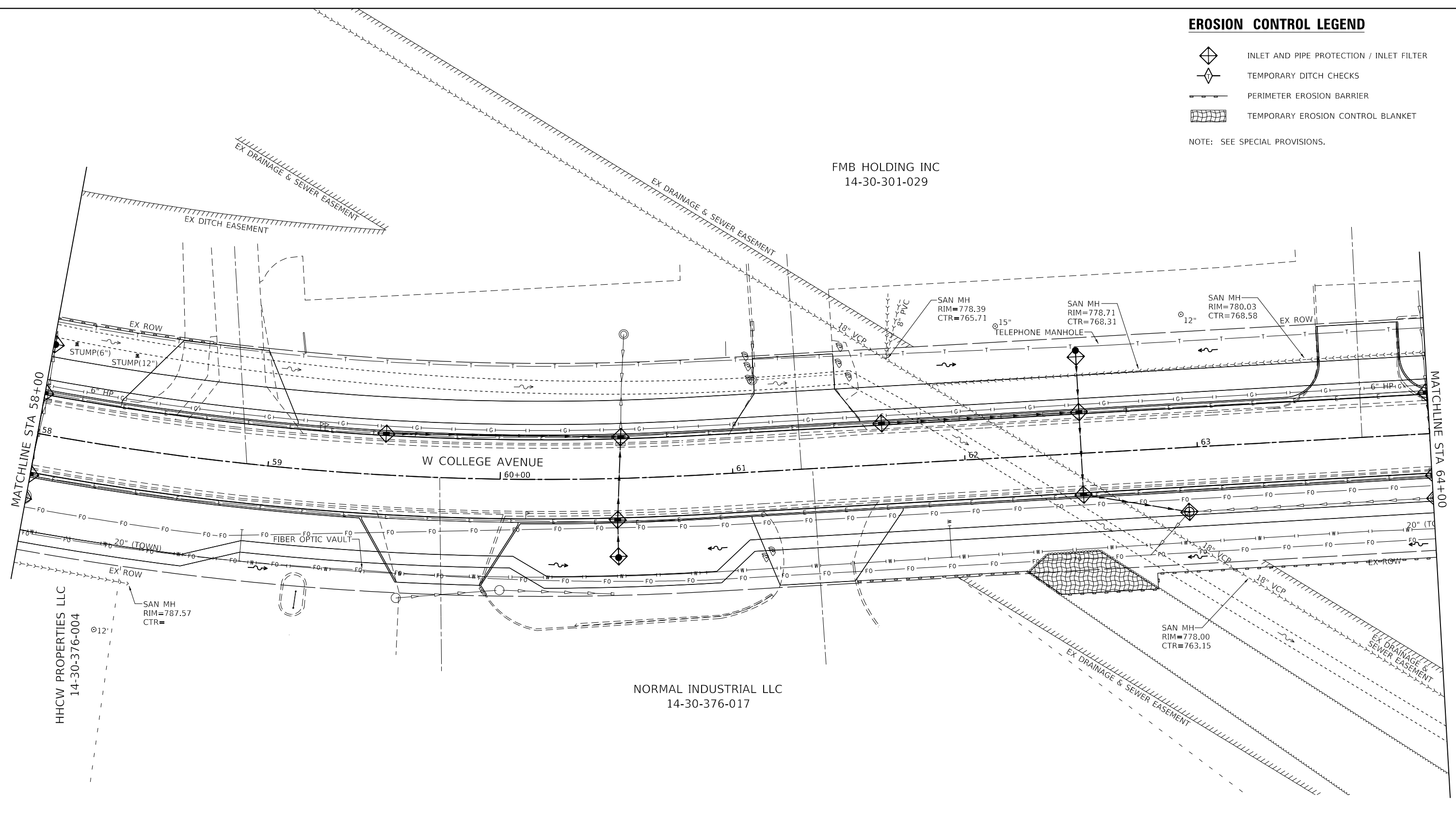
-  INLET AND PIPE PROTECTION / INLET FILTER
-  TEMPORARY DITCH CHECKS
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL BLANKET

NOTE: SEE SPECIAL PROVISIONS.

FMB HOLDING INC  
14-30-301-029

NORMAL INDUSTRIAL LLC  
14-30-376-017

HHCW PROPERTIES LLC  
14-30-376-004



MODEL: Default; FILE: Model; 11/22/2023 10:02:08.00 - TDM College Ave Rehab04 - Drawing\DCN\CAD\_Sheet\10230828.00-eh-Erosion\_Contr04.dgn

**Farnsworth GROUP**  
2709 McGRAW DRIVE  
BLOOMINGTON, ILLINOIS 61704  
(309) 663-8435 / info@f-w.com

USER NAME = dmeyer	DESIGNED - KLM	REVISED -
DRAWN - DRR	REVISIONS -	
PLOT SCALE = 40.0000' / in.	CHECKED - ERB	REVISED -
PLOT DATE = 11/9/2023	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
EROSION CONTROL PLAN**

SCALE: 1" = 20'    SHEET 11 OF 18 SHEETS    STA. 58+00.00 TO STA. 64+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	113
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

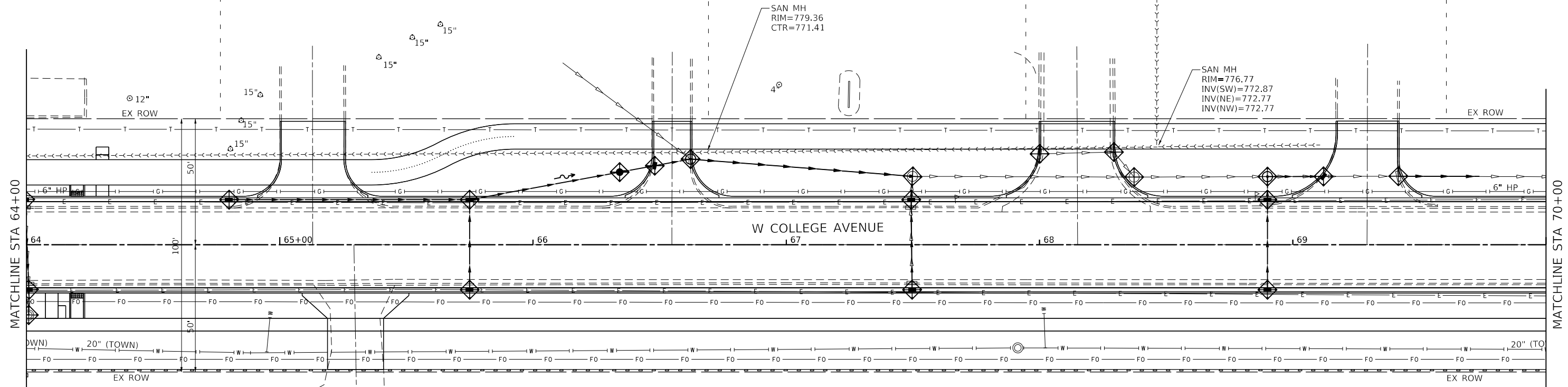
FMB HOLDING INC  
14-30-301-029

HISSAIN, LLC  
14-30-301-007

MIDWEST EQUIPMENT  
14-30-301-027





SIBS PARTNERSHIP  
14-30-301-026

HUTCHCRAFT  
VAN  
SERVICE, INC  
14-30-301-013

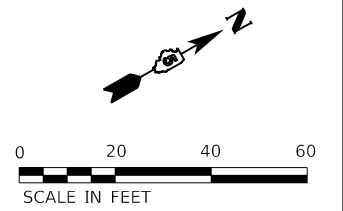


INTERCHANGE CITY WEST  
14-30-376-016

**EROSION CONTROL LEGEND**

-  INLET AND PIPE PROTECTION / INLET FILTER
-  TEMPORARY DITCH CHECKS
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL BLANKET

NOTE: SEE SPECIAL PROVISIONS.



MODEL: Default  
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**Farnsworth GROUP**  
2708 McGRAW DRIVE  
BLOOMINGTON, ILLINOIS 61704  
(309) 663-8435 / info@f-w.com

USER NAME = dmeyer	DESIGNED - KLM	REVISED -
	DRAWN - DRR	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - ERB	REVISED -
PLOT DATE = 11/9/2023	DATE - 11/09/2023	REVISED -





**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
EROSION CONTROL PLAN**

SCALE: 1" = 20'    SHEET 12 OF 14 SHEETS    STA. 64+00.00 TO STA. 70+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	114
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

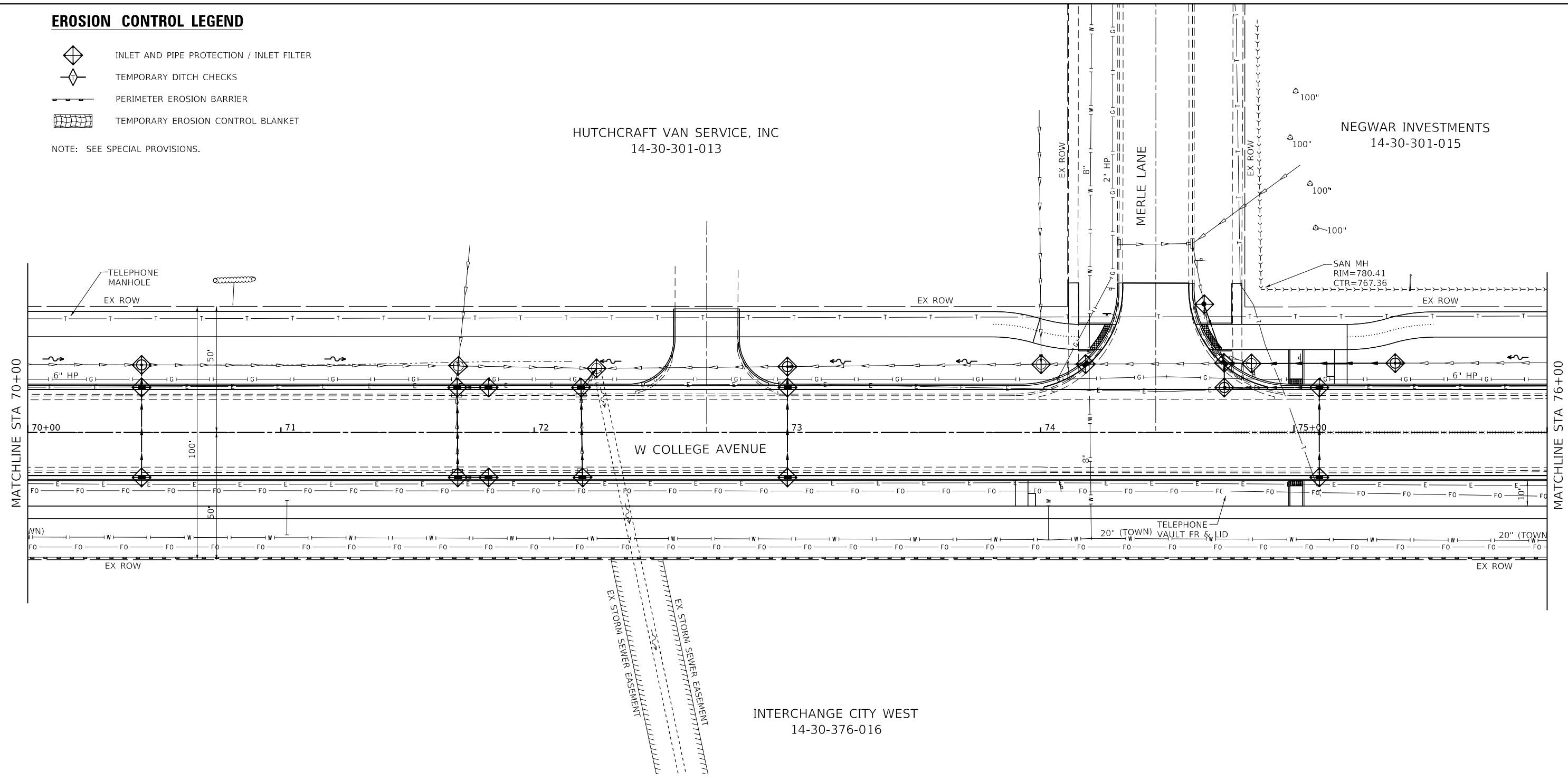
**EROSION CONTROL LEGEND**

-  INLET AND PIPE PROTECTION / INLET FILTER
-  TEMPORARY DITCH CHECKS
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL BLANKET

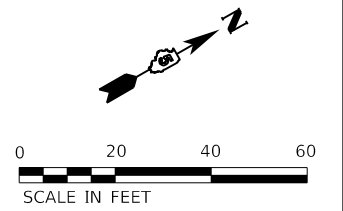
NOTE: SEE SPECIAL PROVISIONS.

HUTCHCRAFT VAN SERVICE, INC  
14-30-301-013

NEGWAR INVESTMENTS  
14-30-301-015



INTERCHANGE CITY WEST  
14-30-376-016



MODEL: Default  
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**Farnsworth GROUP**  
2709 McGRAW DRIVE  
BLOOMINGTON, ILLINOIS 61704  
(309) 663-8435 / info@f-w.com

USER NAME = dmeyer	DESIGNED - KLM	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN - DRR	REVISED -
PLOT DATE = 11/9/2023	CHECKED - ERB	REVISED -
	DATE - 11/09/2023	REVISED -





**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
EROSION CONTROL PLAN**

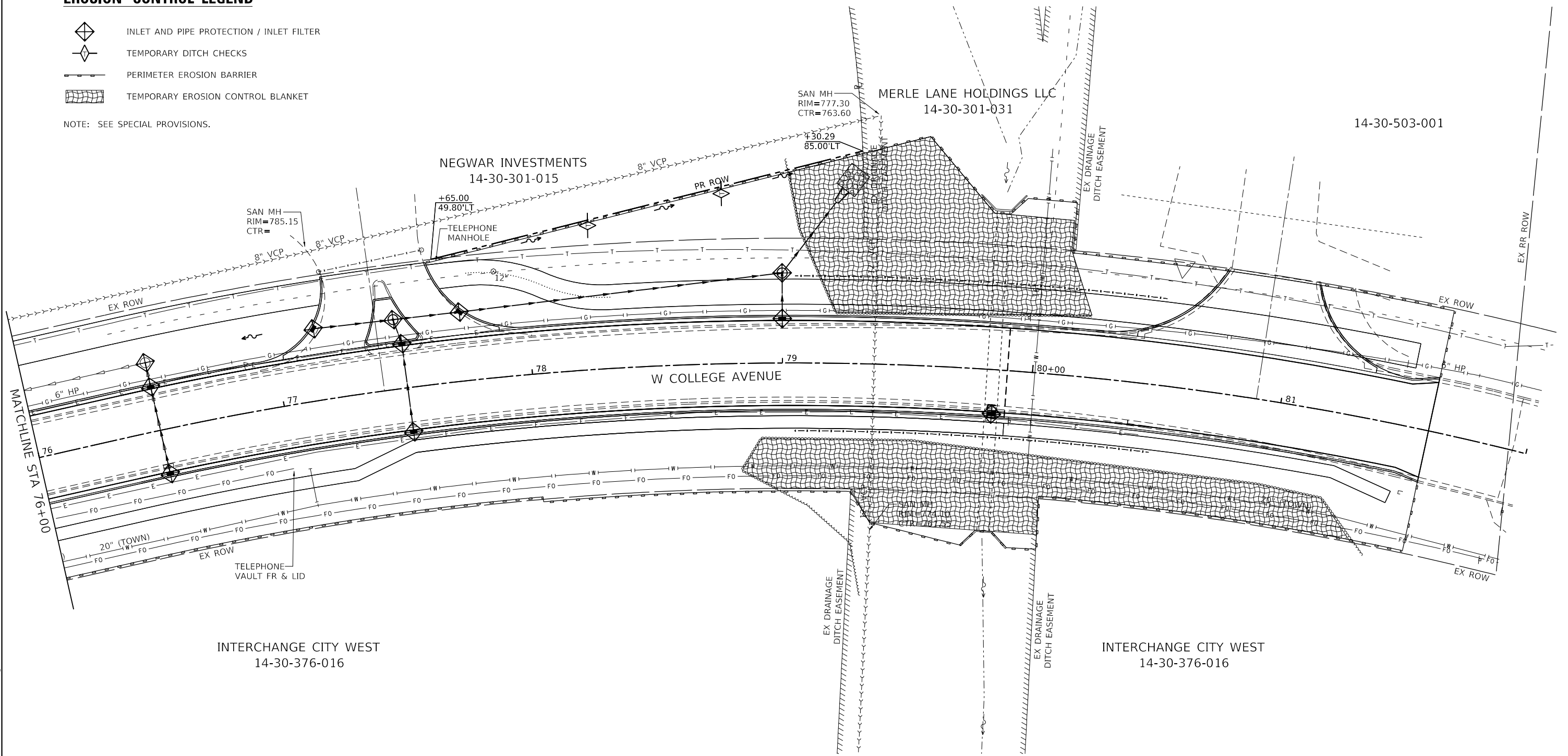
SCALE: 1" = 20'    SHEET 13 OF 14 SHEETS    STA. 70+00.00 TO STA. 76+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	115
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

**EROSION CONTROL LEGEND**

-  INLET AND PIPE PROTECTION / INLET FILTER
-  TEMPORARY DITCH CHECKS
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL BLANKET

NOTE: SEE SPECIAL PROVISIONS.



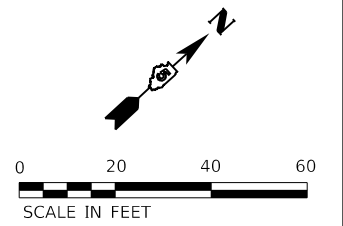
MATCHLINE STA 76+00

EX RR ROW

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INTERCHANGE CITY WEST  
14-30-376-016

INTERCHANGE CITY WEST  
14-30-376-016



USER NAME = dmeyer	DESIGNED - KLM	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - DRR	REVISED -
PLOT DATE = 11/9/2023	CHECKED - ERB	REVISED -
	DATE - 11/09/2023	REVISED -

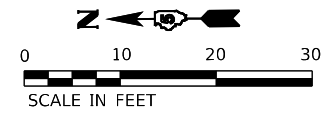
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
EROSION CONTROL PLAN**

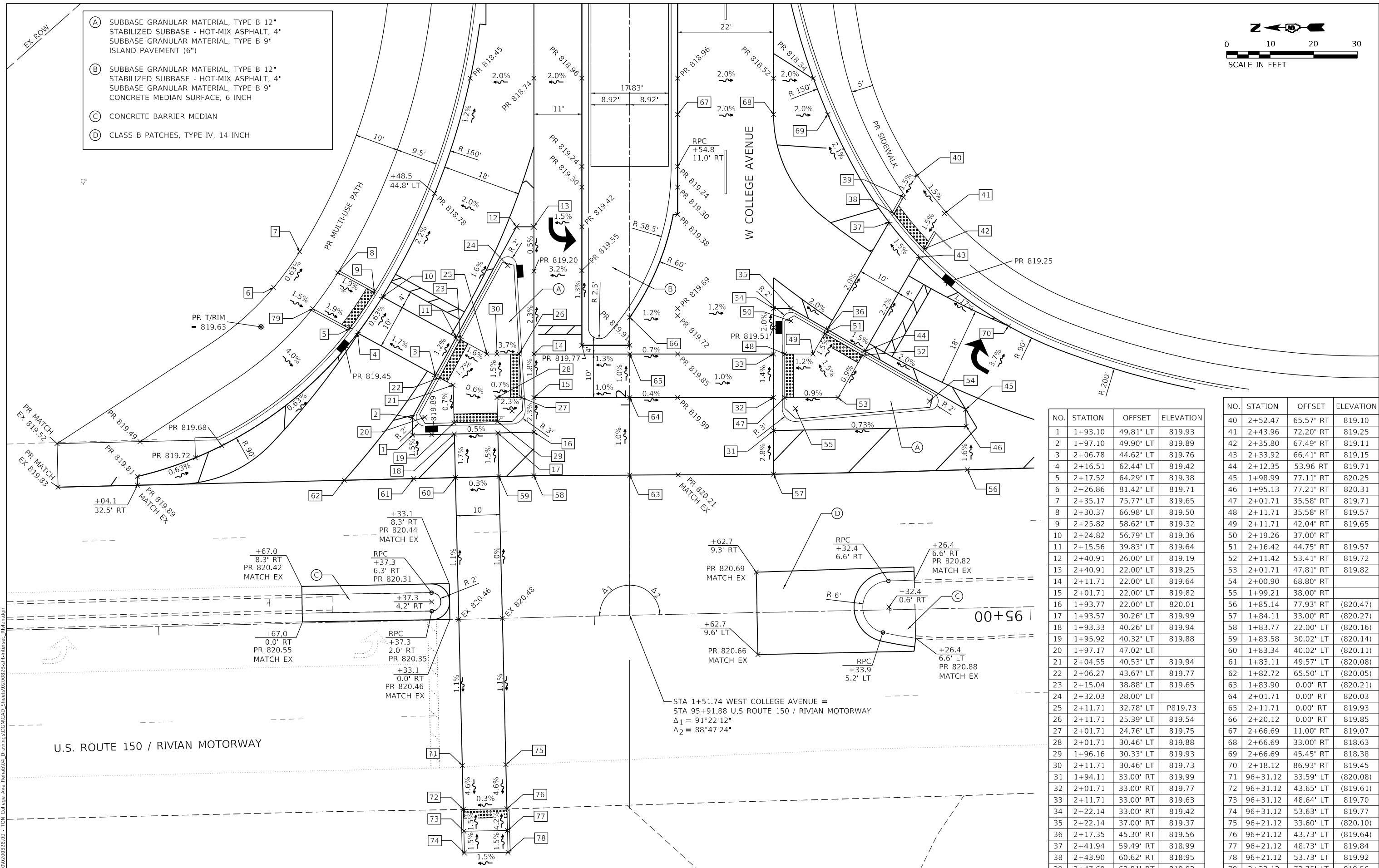
SCALE: 1" = 20'    SHEET 14 OF 14 SHEETS    STA. 76+00.00 TO STA. 82+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	116
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				





- (A) SUBBASE GRANULAR MATERIAL, TYPE B 12" STABILIZED SUBBASE - HOT-MIX ASPHALT, 4" SUBBASE GRANULAR MATERIAL, TYPE B 9" ISLAND PAVEMENT (6")
- (B) SUBBASE GRANULAR MATERIAL, TYPE B 12" STABILIZED SUBBASE - HOT-MIX ASPHALT, 4" SUBBASE GRANULAR MATERIAL, TYPE B 9" CONCRETE MEDIAN SURFACE, 6 INCH
- (C) CONCRETE BARRIER MEDIAN
- (D) CLASS B PATCHES, TYPE IV, 14 INCH



NO.	STATION	OFFSET	ELEVATION
1	1+93.10	49.81' LT	819.93
2	1+97.10	49.90' LT	819.89
3	2+06.78	44.62' LT	819.76
4	2+16.51	62.44' LT	819.42
5	2+17.52	64.29' LT	819.38
6	2+26.86	81.42' LT	819.71
7	2+35.17	75.77' LT	819.65
8	2+30.37	66.98' LT	819.50
9	2+25.82	58.62' LT	819.32
10	2+24.82	56.79' LT	819.36
11	2+15.56	39.83' LT	819.64
12	2+40.91	26.00' LT	819.19
13	2+40.91	22.00' LT	819.25
14	2+11.71	22.00' LT	819.64
15	2+01.71	22.00' LT	819.82
16	1+93.77	22.00' LT	820.01
17	1+93.57	30.26' LT	819.99
18	1+93.33	40.26' LT	819.94
19	1+95.92	40.32' LT	819.88
20	1+97.17	47.02' LT	819.82
21	2+04.55	40.53' LT	819.94
22	2+06.27	43.67' LT	819.77
23	2+15.04	38.88' LT	819.65
24	2+32.03	28.00' LT	819.73
25	2+11.71	32.78' LT	819.54
26	2+11.71	25.39' LT	819.75
27	2+01.71	24.76' LT	819.88
28	2+01.71	30.46' LT	819.93
29	1+96.16	30.33' LT	819.73
30	2+11.71	30.46' LT	819.99
31	1+94.11	33.00' RT	819.77
32	2+01.71	33.00' RT	819.63
33	2+11.71	33.00' RT	819.70
34	2+22.14	33.00' RT	819.42
35	2+22.14	37.00' RT	819.37
36	2+17.35	45.30' RT	819.56
37	2+41.94	59.49' RT	818.99
38	2+43.90	60.62' RT	818.95
39	2+47.69	62.81' RT	819.02
40	2+52.47	65.57' RT	819.10
41	2+43.96	72.20' RT	819.25
42	2+35.80	67.49' RT	819.11
43	2+33.92	66.41' RT	819.15
44	2+12.35	53.96 RT	819.71
45	1+98.99	77.11' RT	820.25
46	1+95.13	77.21' RT	820.31
47	2+01.71	35.58' RT	819.71
48	2+11.71	35.58' RT	819.57
49	2+11.71	42.04' RT	819.65
50	2+19.26	37.00' RT	819.57
51	2+16.42	44.75' RT	819.57
52	2+11.42	53.41' RT	819.72
53	2+01.71	47.81' RT	819.82
54	2+00.90	68.80' RT	819.82
55	1+99.21	38.00' RT	819.82
56	1+85.14	77.93' RT	(820.47)
57	1+84.11	33.00' RT	(820.27)
58	1+83.77	22.00' LT	(820.16)
59	1+83.58	30.02' LT	(820.14)
60	1+83.34	40.02' LT	(820.11)
61	1+83.11	49.57' LT	(820.08)
62	1+82.72	65.50' LT	(820.05)
63	1+83.90	0.00' RT	(820.21)
64	2+01.71	0.00' RT	820.03
65	2+11.71	0.00' RT	819.93
66	2+20.12	0.00' RT	819.85
67	2+66.69	11.00' RT	819.07
68	2+66.69	33.00' RT	818.63
69	2+66.69	45.45' RT	818.38
70	2+18.12	86.93' RT	819.45
71	96+31.12	33.59' LT	(820.08)
72	96+31.12	43.65' LT	(819.61)
73	96+31.12	48.64' LT	819.70
74	96+31.12	53.63' LT	819.77
75	96+21.12	33.60' LT	(820.10)
76	96+21.12	43.73' LT	(819.64)
77	96+21.12	48.73' LT	819.84
78	96+21.12	53.73' LT	819.92
79	2+22.13	72.75' LT	819.56

NO.	STATION	OFFSET	ELEVATION
40	2+52.47	65.57' RT	819.10
41	2+43.96	72.20' RT	819.25
42	2+35.80	67.49' RT	819.11
43	2+33.92	66.41' RT	819.15
44	2+12.35	53.96 RT	819.71
45	1+98.99	77.11' RT	820.25
46	1+95.13	77.21' RT	820.31
47	2+01.71	35.58' RT	819.71
48	2+11.71	35.58' RT	819.57
49	2+11.71	42.04' RT	819.65
50	2+19.26	37.00' RT	819.57
51	2+16.42	44.75' RT	819.57
52	2+11.42	53.41' RT	819.72
53	2+01.71	47.81' RT	819.82
54	2+00.90	68.80' RT	819.82
55	1+99.21	38.00' RT	819.82
56	1+85.14	77.93' RT	(820.47)
57	1+84.11	33.00' RT	(820.27)
58	1+83.77	22.00' LT	(820.16)
59	1+83.58	30.02' LT	(820.14)
60	1+83.34	40.02' LT	(820.11)
61	1+83.11	49.57' LT	(820.08)
62	1+82.72	65.50' LT	(820.05)
63	1+83.90	0.00' RT	(820.21)
64	2+01.71	0.00' RT	820.03
65	2+11.71	0.00' RT	819.93
66	2+20.12	0.00' RT	819.85
67	2+66.69	11.00' RT	819.07
68	2+66.69	33.00' RT	818.63
69	2+66.69	45.45' RT	818.38
70	2+18.12	86.93' RT	819.45
71	96+31.12	33.59' LT	(820.08)
72	96+31.12	43.65' LT	(819.61)
73	96+31.12	48.64' LT	819.70
74	96+31.12	53.63' LT	819.77
75	96+21.12	33.60' LT	(820.10)
76	96+21.12	43.73' LT	(819.64)
77	96+21.12	48.73' LT	819.84
78	96+21.12	53.73' LT	819.92
79	2+22.13	72.75' LT	819.56

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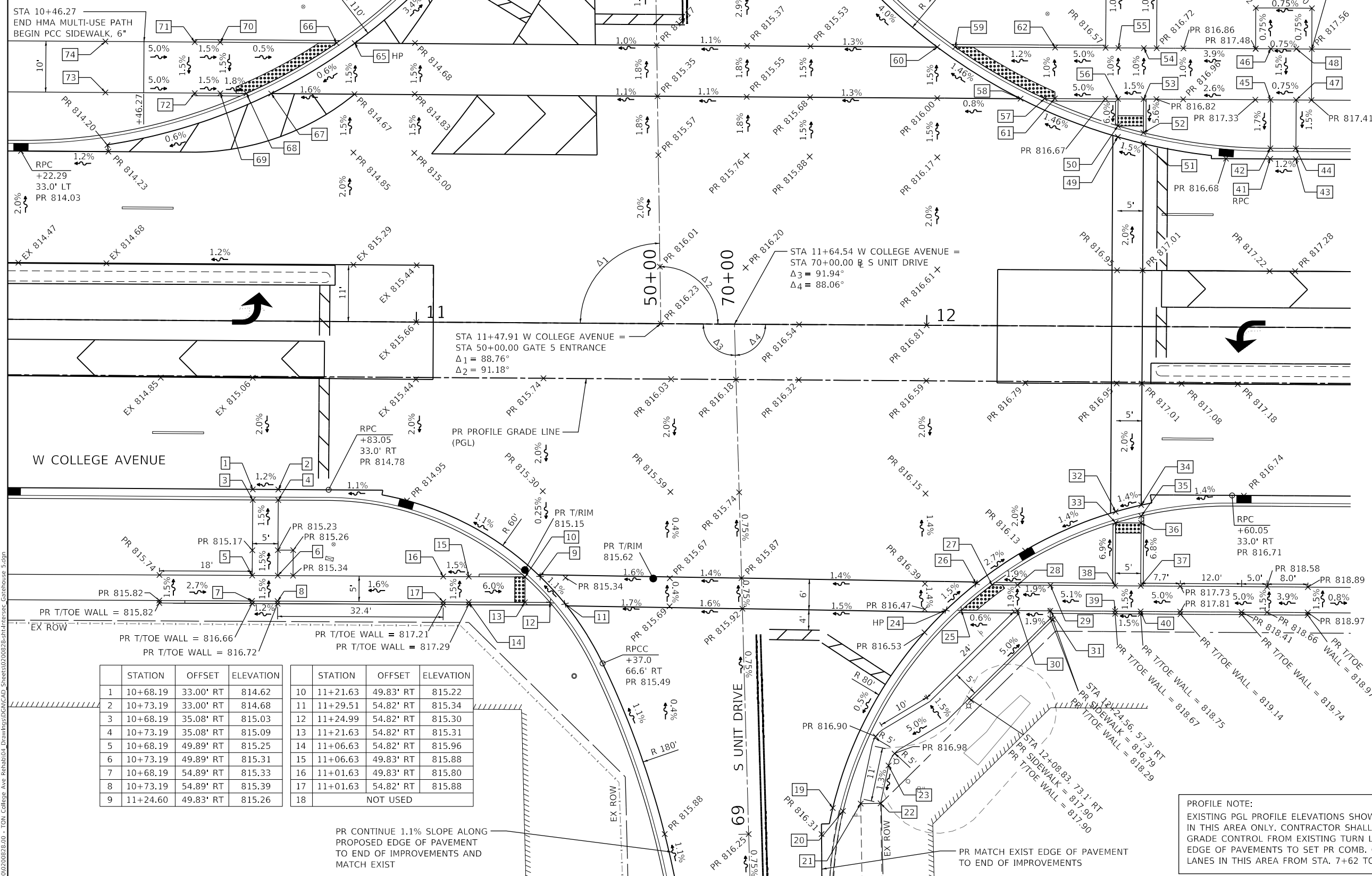
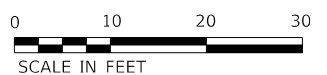
USER NAME = dmeyer	DESIGNED - KLM	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DRR	REVISED -
PLOT DATE = 11/9/2023	CHECKED - ERB	REVISED -
	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**W COLLEGE AVENUE @ U.S. ROUTE 150 / RIVIAN MOTORWAY**  
**INTERSECTION DETAIL**

SCALE: 1"=10'      SHEET 1 OF 1 SHEETS      STA.      TO STA.

F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 117
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



STATION	OFFSET	ELEVATION
19	11+82.16	94.74' RT (816.34)
20	11+84.17	95.30' RT (816.63)
21	11+87.72	93.84' RT (816.74)
22	11+91.61	93.76' RT (816.84)
23	11+93.11	86.33' RT 816.94
24	12+03.70	55.80' RT 816.56
25	12+28.60	58.80' RT 816.52
26	12+10.38	50.78' RT 816.44
27	12+13.10	50.81' RT 816.39
28	12+18.10	50.81' RT 816.49
29	12+24.60	50.82' RT 816.61
30	12+18.10	55.82' RT 816.59
31	12+23.10	55.82' RT 816.71
32	12+37.23	36.32' RT 816.45
33	12+37.25	38.49' RT 816.41
34	12+42.25	35.01' RT 816.53
35	12+42.24	37.14' RT 816.49
36	12+42.25	38.49' RT 816.50
37	12+42.26	50.84' RT 817.34
38	12+37.26	50.84' RT 817.26
39	12+37.26	55.84' RT 817.34
40	12+42.26	55.84' RT 817.42
41	12+67.10	33.00' LT 816.78
42	12+67.10	35.08' LT 817.19
43	12+72.10	33.00' LT 816.84
44	12+72.10	35.08' LT 817.25
45	12+67.10	44.58' LT 817.35
46	12+67.10	54.58' LT 817.50
47	12+72.10	44.58' LT 817.39
48	12+72.10	54.58' LT 817.54
49	12+37.25	37.14' LT 816.43
50	12+37.25	39.30' LT 816.39
51	12+42.25	35.85' LT 816.51
52	12+42.25	37.99' LT 816.47
53	12+42.25	44.58' LT 816.79
54	12+42.25	54.58' LT 816.69
55	12+37.25	54.58' LT 816.61
56	12+37.25	44.58' LT 816.71
57	12+22.86	44.58' LT 816.15
58	12+18.13	44.58' LT 816.13
59	12+05.26	54.58' LT 815.85
60	12+01.76	54.53' LT 815.85
61	12+24.86	44.58' LT 816.18
62	12+24.86	54.58' LT 816.08
63	11+03.29	68.75' LT (813.79)
64	11+01.47	69.89' LT (814.13)
65	10+87.57	54.58' LT 814.52
66	10+84.00	54.58' LT 814.46
67	10+71.26	44.58' LT 814.41
68	10+66.40	44.58' LT 814.34
69	10+61.28	44.58' LT 814.43
70	10+61.21	54.58' LT 814.58
71	10+56.21	54.58' LT 814.66
72	10+56.28	44.58' LT 814.51
73	10+38.78	44.58' LT 815.39
74	10+38.71	54.58' LT 815.54
75	11+87.83	69.81' LT (815.40)
76	11+86.01	68.71' LT (815.00)

STATION	OFFSET	ELEVATION	STATION	OFFSET	ELEVATION
1	10+68.19	33.00' RT 814.62	10	11+21.63	49.83' RT 815.22
2	10+73.19	33.00' RT 814.68	11	11+29.51	54.82' RT 815.34
3	10+68.19	35.08' RT 815.03	12	11+24.99	54.82' RT 815.30
4	10+73.19	35.08' RT 815.09	13	11+21.63	54.82' RT 815.31
5	10+68.19	49.89' RT 815.25	14	11+06.63	54.82' RT 815.96
6	10+73.19	49.89' RT 815.31	15	11+06.63	49.83' RT 815.88
7	10+68.19	54.89' RT 815.33	16	11+01.63	49.83' RT 815.80
8	10+73.19	54.89' RT 815.39	17	11+01.63	54.82' RT 815.88
9	11+24.60	49.83' RT 815.26	18		NOT USED

PR CONTINUE 1.1% SLOPE ALONG PROPOSED EDGE OF PAVEMENT TO END OF IMPROVEMENTS AND MATCH EXIST

PROFILE NOTE:  
EXISTING PGL PROFILE ELEVATIONS SHOWN FOR REPRESENT INFORMATION IN THIS AREA ONLY. CONTRACTOR SHALL USE 2.00% CROSS SLOPE GRADE CONTROL FROM EXISTING TURN LANE AND EXISTING MEDIAN LANE EDGE OF PAVEMENTS TO SET PR COMB. CONC. CURB & GUTTER ON OUTSIDE LANES IN THIS AREA FROM STA. 7+62 TO 15+66.

**Farnsworth GROUP**  
2708 MCGRAW DRIVE  
BLOOMINGTON, ILLINOIS 61704  
(309) 663-8435 / info@f-w.com

USER NAME = dmeyer  
DESIGNED - KLM  
DRAWN - DRR  
CHECKED - ERB  
DATE - 11/09/2023

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**W COLLEGE AVENUE @ RIVIAN GATE 5 & S UNIT DRIVE  
INTERSECTION DETAIL**  
SCALE: 1"=10'  
SHEET 1 OF 1 SHEETS  
STA. TO STA.

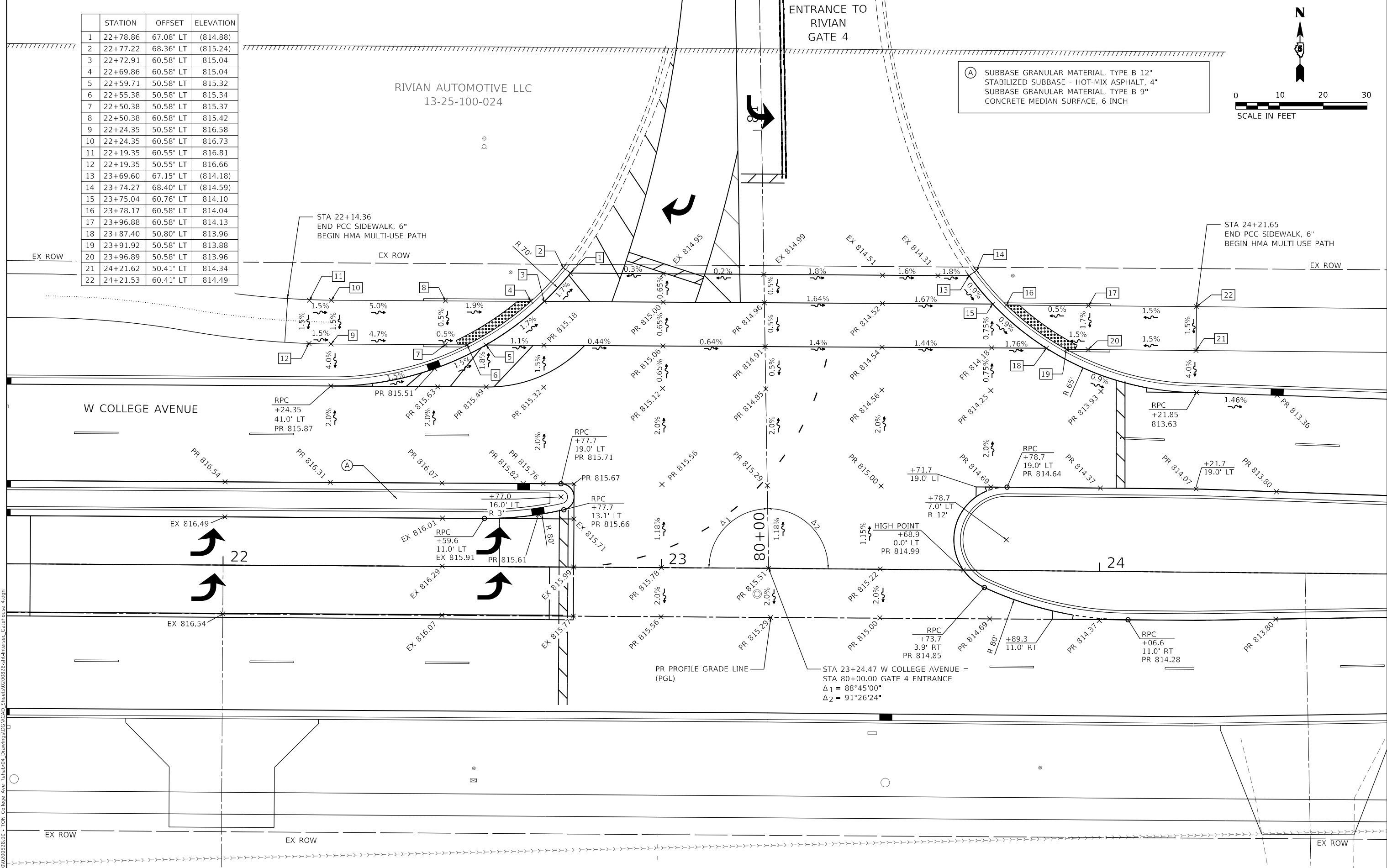
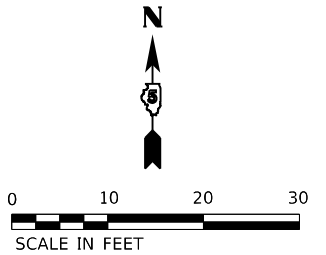
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	118
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

	STATION	OFFSET	ELEVATION
1	22+78.86	67.08' LT	(814.88)
2	22+77.22	68.36' LT	(815.24)
3	22+72.91	60.58' LT	815.04
4	22+69.86	60.58' LT	815.04
5	22+59.71	50.58' LT	815.32
6	22+55.38	50.58' LT	815.34
7	22+50.38	50.58' LT	815.37
8	22+50.38	60.58' LT	815.42
9	22+24.35	50.58' LT	816.58
10	22+24.35	60.58' LT	816.73
11	22+19.35	60.55' LT	816.81
12	22+19.35	50.55' LT	816.66
13	23+69.60	67.15' LT	(814.18)
14	23+74.27	68.40' LT	(814.59)
15	23+75.04	60.76' LT	814.10
16	23+78.17	60.58' LT	814.04
17	23+96.88	60.58' LT	814.13
18	23+87.40	50.80' LT	813.96
19	23+91.92	50.58' LT	813.88
20	23+96.89	50.58' LT	813.96
21	24+21.62	50.41' LT	814.34
22	24+21.53	60.41' LT	814.49

RIVIAN AUTOMOTIVE LLC  
13-25-100-024

ENTRANCE TO  
RIVIAN  
GATE 4

(A) SUBBASE GRANULAR MATERIAL, TYPE B 12"  
STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"  
SUBBASE GRANULAR MATERIAL, TYPE B 9"  
CONCRETE MEDIAN SURFACE, 6 INCH



W COLLEGE AVENUE

PR PROFILE GRADE LINE (PGL)  
STA 23+24.47 W COLLEGE AVENUE =  
STA 80+00.00 GATE 4 ENTRANCE  
 $\Delta_1 = 88^\circ 45' 00''$   
 $\Delta_2 = 91^\circ 26' 24''$

HIGH POINT  
+68.9  
0.0' LT  
PR 814.99

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USER NAME = dmeyer	DESIGNED - KLM	REVISED -
PLOT SCALE = 20.0000' / in.	DRAWN - DRR	REVISED -
PLOT DATE = 11/9/2023	CHECKED - ERB	REVISED -
	DATE - 11/09/2023	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

W COLLEGE AVENUE @ RIVIAN GATE 4  
INTERSECTION DETAIL

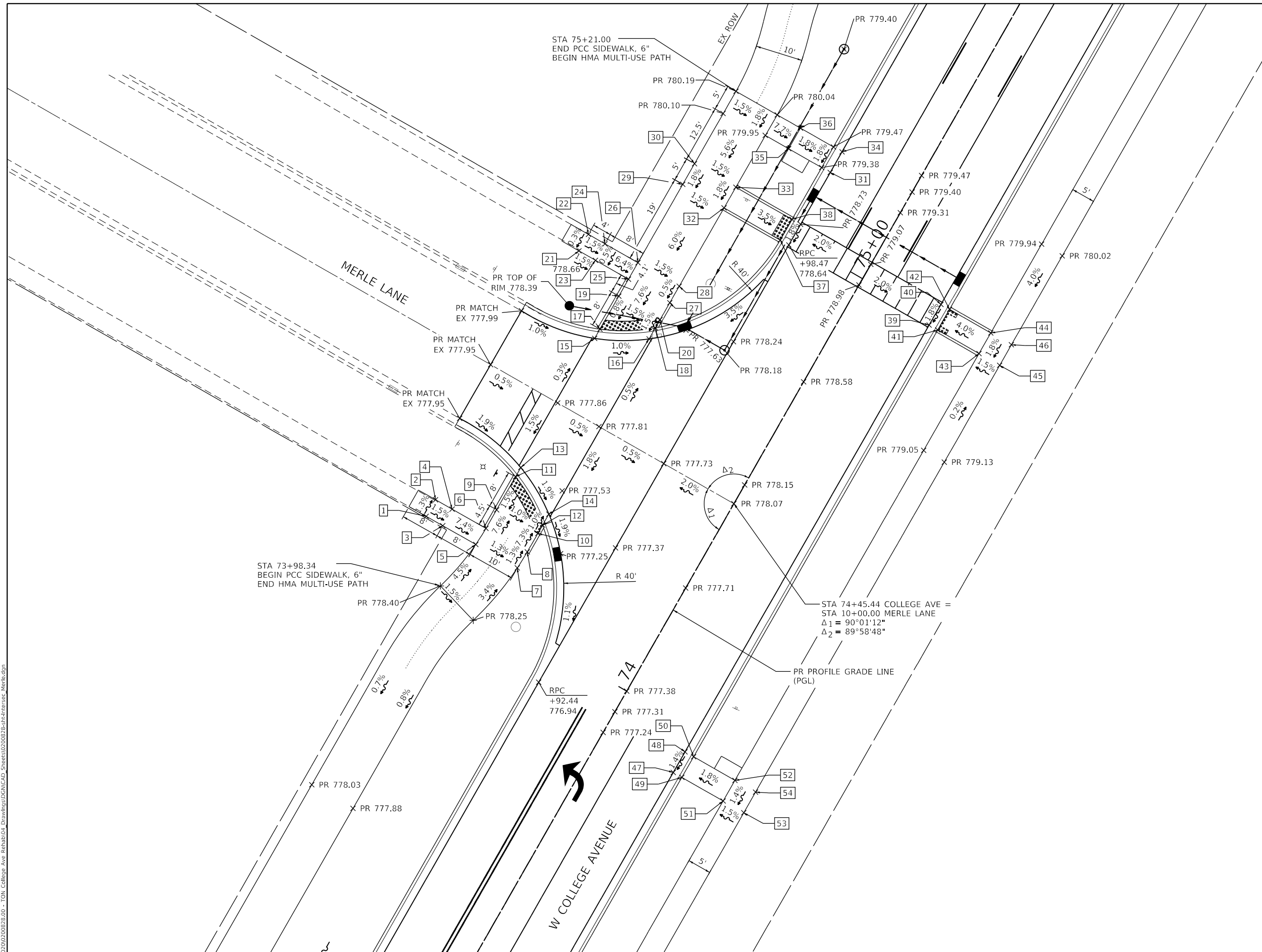
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F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 119
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

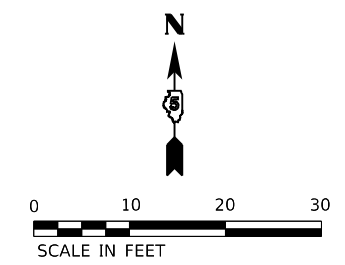




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	STATION	OFFSET	ELEVATION
1	74+11.01	54.88' LT	778.52
2	74+15.01	54.90' LT	778.47
3	74+11.03	50.88' LT	778.46
4	74+15.03	50.90' LT	778.41
5	74+11.06	42.88' LT	777.88
6	74+15.06	42.70' LT	777.81
7	74+11.10	32.85' LT	777.75
8	74+15.06	32.70' LT	777.70
9	74+19.55	42.70' LT	777.47
10	74+19.55	32.70' LT	777.37
11	74+27.56	42.70' LT	777.59
12	74+21.55	32.70' LT	777.35
13	74+29.80	42.70' LT	777.63
14	74+24.22	32.70' LT	777.42
15	74+61.11	42.70' LT	777.82
16	74+66.70	32.70' LT	777.71
17	74+63.35	42.70' LT	777.78
18	74+69.36	32.70' LT	777.66
19	74+71.36	42.70' LT	777.84
20	74+71.36	32.70' LT	777.69
21	74+75.47	54.70' LT	778.72
22	74+79.46	54.70' LT	778.73
23	74+75.47	50.70' LT	778.66
24	74+79.46	50.70' LT	778.68
25	74+75.46	42.70' LT	778.15
26	74+79.47	42.70' LT	778.17
27	74+75.47	32.70' LT	778.00
28	74+79.47	32.70' LT	778.02
29	74+98.47	42.70' LT	779.31
30	75+03.47	42.70' LT	779.40
31	75+16.00	17.00' LT	778.97
32	74+98.47	32.70' LT	779.16
33	75+03.47	32.70' LT	779.25
34	75+21.00	17.00' LT	779.06
35	75+16.00	27.70' LT	779.52
36	75+21.00	27.70' LT	779.61
37	74+98.47	19.08' LT	778.68
38	75+03.47	19.08' LT	778.77
39	74+98.47	17.00' RT	778.64
40	75+03.47	17.00' RT	778.73
41	74+98.47	19.08' RT	778.60
42	75+03.47	19.08' RT	778.69
43	74+98.47	29.08' RT	779.00
44	75+03.47	29.08' RT	779.09
45	74+98.47	34.08' RT	779.08
46	75+03.47	34.08' RT	779.17
47	73+90.00	17.00' RT	776.90
48	73+95.00	17.00' RT	776.97
49	73+90.00	19.08' RT	777.31
50	73+95.00	19.08' RT	777.38
51	73+90.00	29.08' RT	777.49
52	73+95.00	29.08' RT	777.56
53	73+90.00	34.08' RT	777.57
54	73+95.00	34.08' RT	777.64



**Farnsworth GROUP**  
 2708 MCGRAW DRIVE  
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 (309) 663-8435 / info@f-w.com

USER NAME = dimeyer	DESIGNED - KLM	REVISIED -
	DRAWN - DRR	REVISIED -
PLOT SCALE = 20.0000' / in.	CHECKED - ERB	REVISIED -
PLOT DATE = 11/9/2023	DATE - 11/09/2023	REVISIED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**W COLLEGE AVENUE @ MERLE LANE  
 INTERSECTION DETAIL**

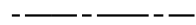
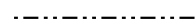

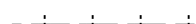


SCALE: 1"=10' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 122
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

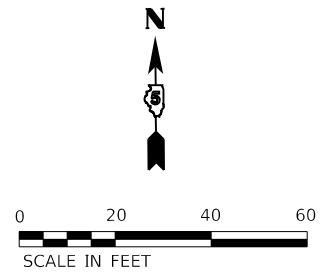
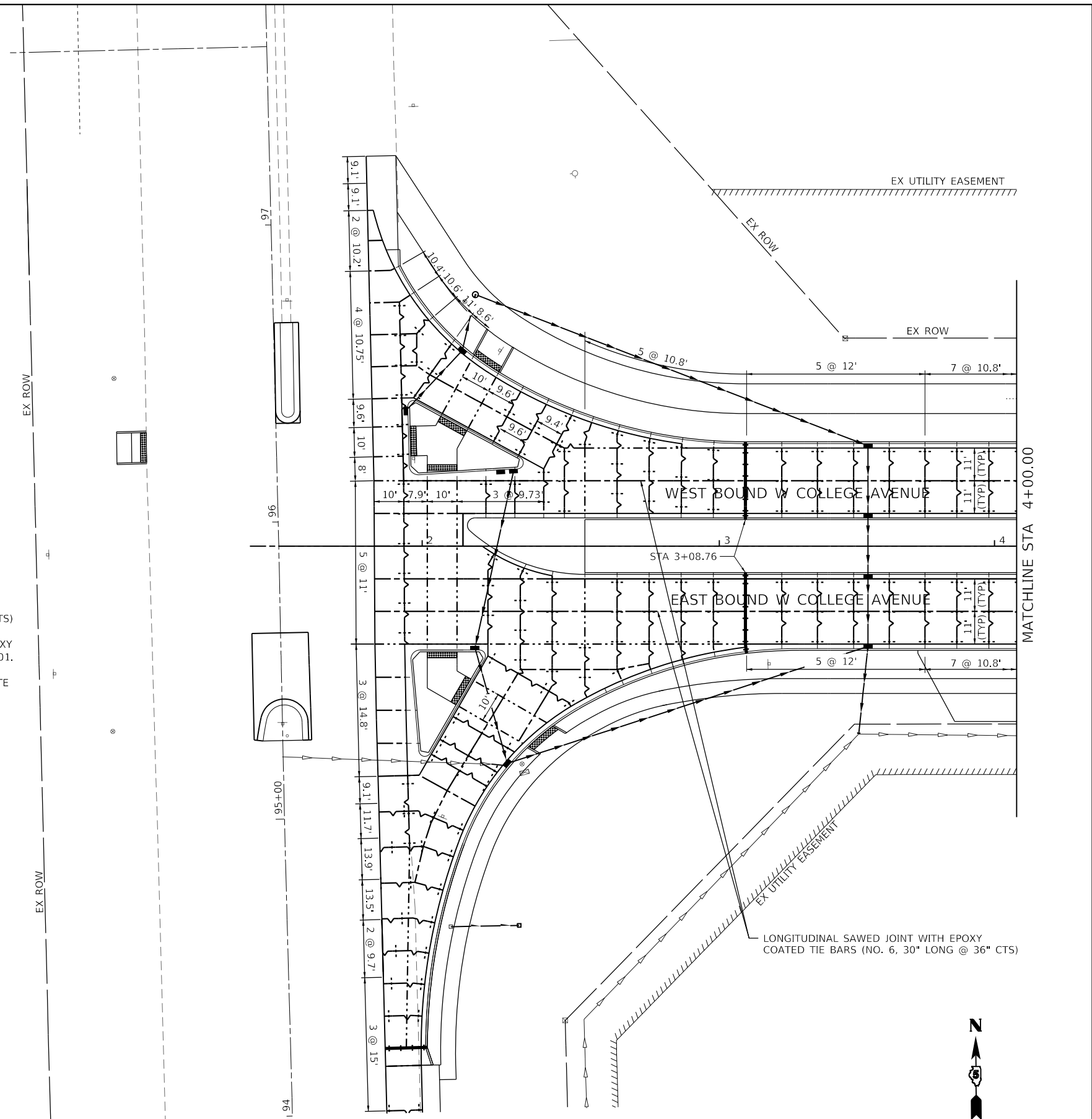
**NOTES**

- PAVEMENT ROUNDOUTS FOR MANHOLES AND VALVE VAULTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
- SAWED TRANSVERSE JOINT LOCATIONS IN US ROUTE 150 NORTHBOUND RIGHT-TURN LANE SHALL MATCH JOINT LOCATIONS IN ADJACENT PAVEMENT.
- PAVEMENT JOINT STUBS SHALL BE A 1.5' MINIMUM (TYPICAL).
- THE MAXIMUM JOINT SPACING IS 12' CENTERS. THE ENGINEER'S INTENT FOR JOINT SPACING IS SHOWN.
- ANY JOINT COMPOUND ON PAVEMENT OR CURB/GUTTER SURFACE SHALL BE REMOVED AT CONTRACTOR'S EXPENSE.
- EXPANSION JOINTS TO BE 2" PREFORMED CLOSED CELL PLASTIC JOINT FILLER EXPANSION JOINTS. POURED JOINT SEALER ON TOP SHALL BE GRAY IN COLOR.
- JOINTING PLAN IS SUBJECT TO CHANGE BASED ON ACTUAL FIELD CONDITIONS AND SUBJECT TO MAX. JOINT SPACING REQUIREMENTS SHOWN ON PLAN.
- EPOXY COATED DOWEL BARS ARE REQUIRED AT THE TRANSVERSE JOINTS WITH LOCATION AND SIZE PER IDOT STANDARD.

**LEGEND**

-  LONGITUDINAL SAWED JOINT WITH EPOXY COATED TIE BARS (NO. 6, 30" LONG @ 36" CTS)
-  LONGITUDINAL CONSTRUCTION JOINT WITH EPOXY COATED TIE BARS (NO. 6, 30" LONG @ 36" CTS)
-  TRANSVERSE CONSTRUCTION JOINT WITH EPOXY COATED DOWEL BARS 1.25" DIA. (18" LONG @ 12" CTS)
-  TRANSVERSE SAWED CONTRACTION JOINT WITH EPOXY COATED DOWEL BARS 1.25" DIA. (18" LONG @ 12" CTS)
-  SAWED CONTRACTION JOINT IN COMBINATION CONCRETE CURB AND GUTTER (1" EXPANSION JOINT WITH EPOXY COATED DOWEL BAR 1.25" ON EACH SIDE OF DRAINAGE FRAME AND GRATE AS SHOWN ON STANDARD 606001.
-  2" TRANSVERSE EXPANSION JOINT WITH (PREFORMED CLOSED CELL PLASTIC JOINT FILLER) AND P.C. CONCRETE PAVEMENT CONNECTOR SLEEPER SLAB (SEE MISCELLANEOUS DETAIL SHEET AND SPECIAL PROVISIONS).

NOTE:  
ALONG US 150 / RIVIAN MOTORWAY PROPOSED TRANSVERSE JOINT IN NB RIGHT TURN LANE SHALL MATCH THE EXISTING MAINLINE TRANSVERSE JOINT LINES.

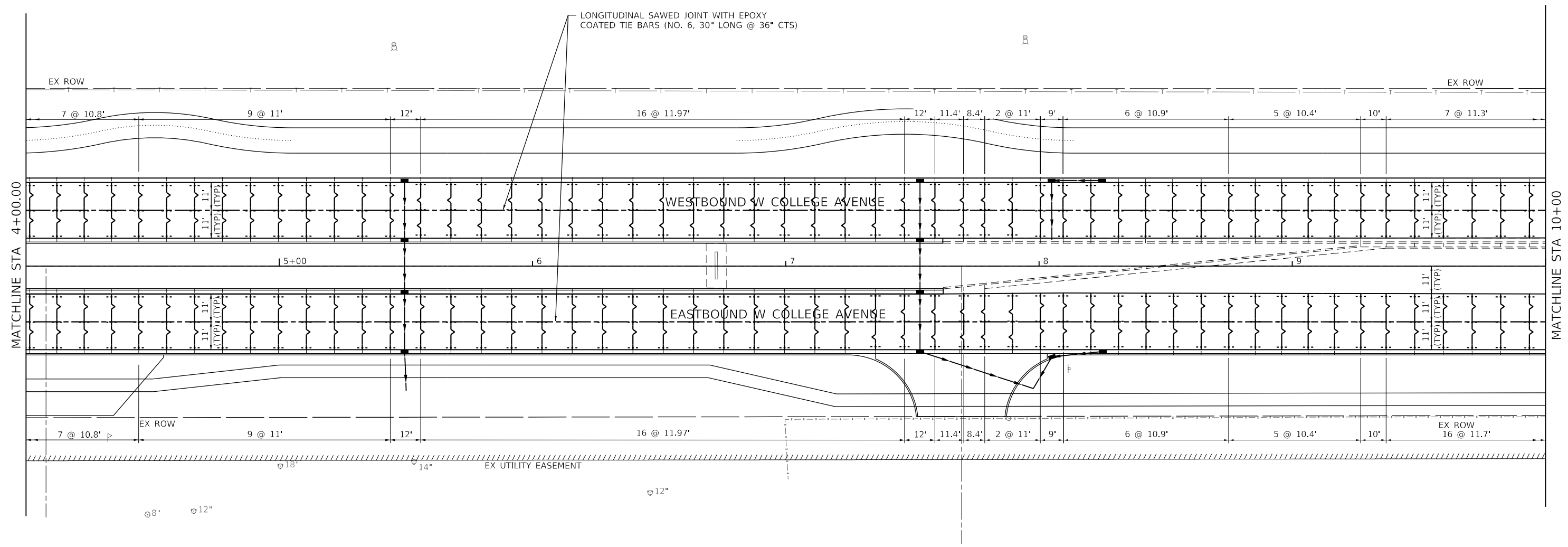


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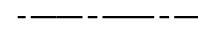
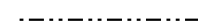
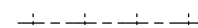
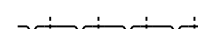


**Farnsworth GROUP**  
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USER NAME = dmeyer	DESIGNED - KLM	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN - DRR	REVISED -
PLOT DATE = 11/9/2023	CHECKED - ERB	REVISED -
	DATE - 11/09/2023	REVISED -

STATE OF ILLINOIS	WEST COLLEGE AVENUE	F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 123
DEPARTMENT OF TRANSPORTATION	PAVEMENT JOINTING PLAN	SCALE: 1" = 20'		CONTRACT NO. 91619		ILLINOIS FED. AID PROJECT
SHEET 1 OF 6 SHEETS		STA. 1+83.90 TO STA. 4+00.00				



**LEGEND**

-  LONGITUDINAL SAWED JOINT WITH EPOXY COATED TIE BARS (NO. 6, 30" LONG @ 36" CTS)
-  LONGITUDINAL CONSTRUCTION JOINT WITH EPOXY COATED TIE BARS (NO. 6, 30" LONG @ 36" CTS)
-  TRANSVERSE CONSTRUCTION JOINT WITH EPOXY COATED DOWEL BARS 1.25" DIA. (18" LONG @ 12" CTS)
-  TRANSVERSE SAWED CONTRACTION JOINT WITH EPOXY COATED DOWEL BARS 1.25" DIA. (18" LONG @ 12" CTS)
-  SAWED CONTRACTION JOINT IN COMBINATION CONCRETE CURB AND GUTTER (1" EXPANSION JOINT WITH EPOXY COATED DOWEL BAR 1.25" ON EACH SIDE OF DRAINAGE FRAME AND GRATE AS SHOWN ON STANDARD 606001.
-  2" TRANSVERSE EXPANSION JOINT WITH (PREFORMED CLOSED CELL PLASTIC JOINT FILLER) AND P.C. CONCRETE PAVEMENT CONNECTOR SLEEPER SLAB (SEE MISCELLANEOUS DETAIL SHEET AND SPECIAL PROVISIONS).

**NOTES**

1. PAVEMENT ROUNDOUTS FOR MANHOLES AND VALVE VAULTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
2. SAWED TRANSVERSE JOINT LOCATIONS IN US ROUTE 150 NORTHBOUND RIGHT-TURN LANE SHALL MATCH JOINT LOCATIONS IN ADJACENT PAVEMENT.
3. PAVEMENT JOINT STUBS SHALL BE A 1.5' MINIMUM (TYPICAL).
4. THE MAXIMUM JOINT SPACING IS 12' CENTERS. THE ENGINEER'S INTENT FOR JOINT SPACING IS SHOWN.
5. ANY JOINT COMPOUND ON PAVEMENT OR CURB/GUTTER SURFACE SHALL BE REMOVED AT CONTRACTOR'S EXPENSE.
6. EXPANSION JOINTS TO BE 2" PREFORMED CLOSED CELL PLASTIC JOINT FILLER EXPANSION JOINTS. POURED JOINT SEALER ON TOP SHALL BE GRAY IN COLOR.
7. JOINTING PLAN IS SUBJECT TO CHANGE BASED ON ACTUAL FIELD CONDITIONS AND SUBJECT TO MAX. JOINT SPACING REQUIREMENTS SHOWN ON PLAN.
8. EPOXY COATED DOWEL BARS ARE REQUIRED AT THE TRANSVERSE JOINTS WITH LOCATION AND SIZE PER IDOT STANDARD.



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PLOT DATE = 11/9/2023	CHECKED - ERB	REVISED -
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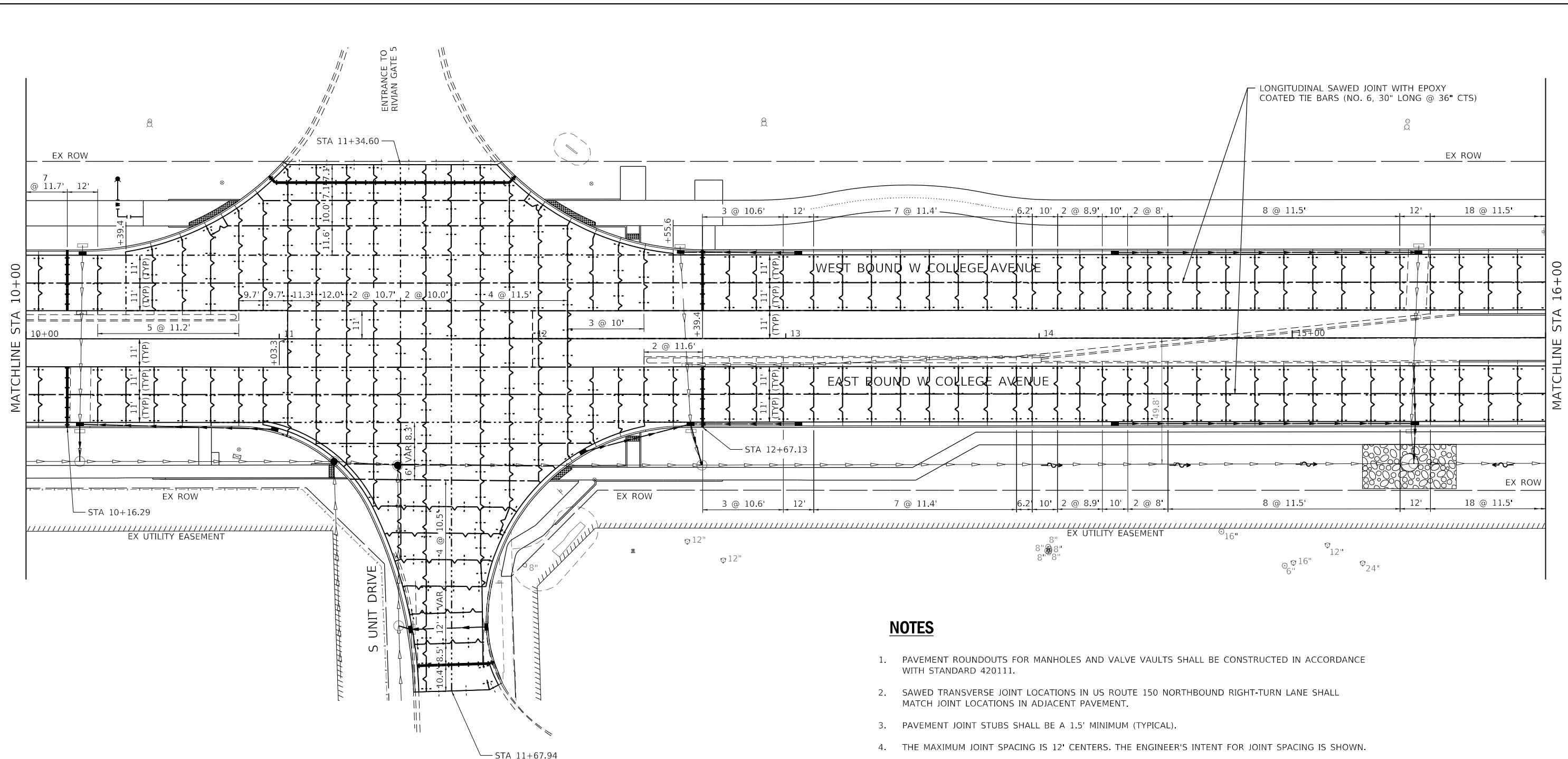
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
PAVEMENT JOINTING PLAN**

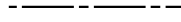

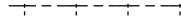
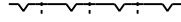
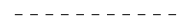

SCALE: 1" = 20' SHEET 2 OF 6 SHEETS STA. 4+00.00 TO STA. 10+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	124
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



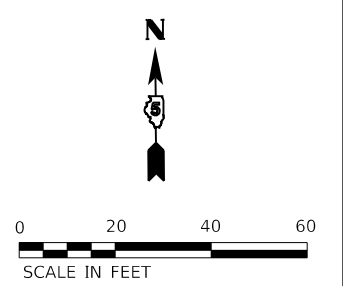


**LEGEND**

- 
 LONGITUDINAL SAWED JOINT WITH EPOXY COATED TIE BARS (NO. 6, 30" LONG @ 36" CTS)
- 
 LONGITUDINAL CONSTRUCTION JOINT WITH EPOXY COATED TIE BARS (NO. 6, 30" LONG @ 36" CTS)
- 
 TRANSVERSE CONSTRUCTION JOINT WITH EPOXY COATED DOWEL BARS 1.25" DIA. (18" LONG @ 12" CTS)
- 
 TRANSVERSE SAWED CONTRACTION JOINT WITH EPOXY COATED DOWEL BARS 1.25" DIA. (18" LONG @ 12" CTS)
- 
 SAWED CONTRACTION JOINT IN COMBINATION CONCRETE CURB AND GUTTER (1" EXPANSION JOINT WITH EPOXY COATED DOWEL BAR 1.25" ON EACH SIDE OF DRAINAGE FRAME AND GRATE AS SHOWN ON STANDARD 606001.
- 
 2" TRANSVERSE EXPANSION JOINT WITH (PERFORMED CLOSED CELL PLASTIC JOINT FILLER) AND P.C. CONCRETE PAVEMENT CONNECTOR SLEEPER SLAB (SEE MISCELLANEOUS DETAIL SHEET AND SPECIAL PROVISIONS).

**NOTES**

1. PAVEMENT ROUNDOUTS FOR MANHOLES AND VALVE VAULTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
2. SAWED TRANSVERSE JOINT LOCATIONS IN US ROUTE 150 NORTHBOUND RIGHT-TURN LANE SHALL MATCH JOINT LOCATIONS IN ADJACENT PAVEMENT.
3. PAVEMENT JOINT STUBS SHALL BE A 1.5' MINIMUM (TYPICAL).
4. THE MAXIMUM JOINT SPACING IS 12' CENTERS. THE ENGINEER'S INTENT FOR JOINT SPACING IS SHOWN.
5. ANY JOINT COMPOUND ON PAVEMENT OR CURB/GUTTER SURFACE SHALL BE REMOVED AT CONTRACTOR'S EXPENSE.
6. EXPANSION JOINTS TO BE 2" PREFORMED CLOSED CELL PLASTIC JOINT FILLER EXPANSION JOINTS. Poured JOINT SEALER ON TOP SHALL BE GRAY IN COLOR.
7. JOINTING PLAN IS SUBJECT TO CHANGE BASED ON ACTUAL FIELD CONDITIONS AND SUBJECT TO MAX. JOINT SPACING REQUIREMENTS SHOWN ON PLAN.
8. EPOXY COATED DOWEL BARS ARE REQUIRED AT THE TRANSVERSE JOINTS WITH LOCATION AND SIZE PER IDOT STANDARD.



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**Farnsworth GROUP**  
 2709 MCGRAW DRIVE  
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USER NAME = dmeyer	DESIGNED - KLM	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN - DRR	REVISED -
PLOT DATE = 11/9/2023	CHECKED - ERB	REVISED -
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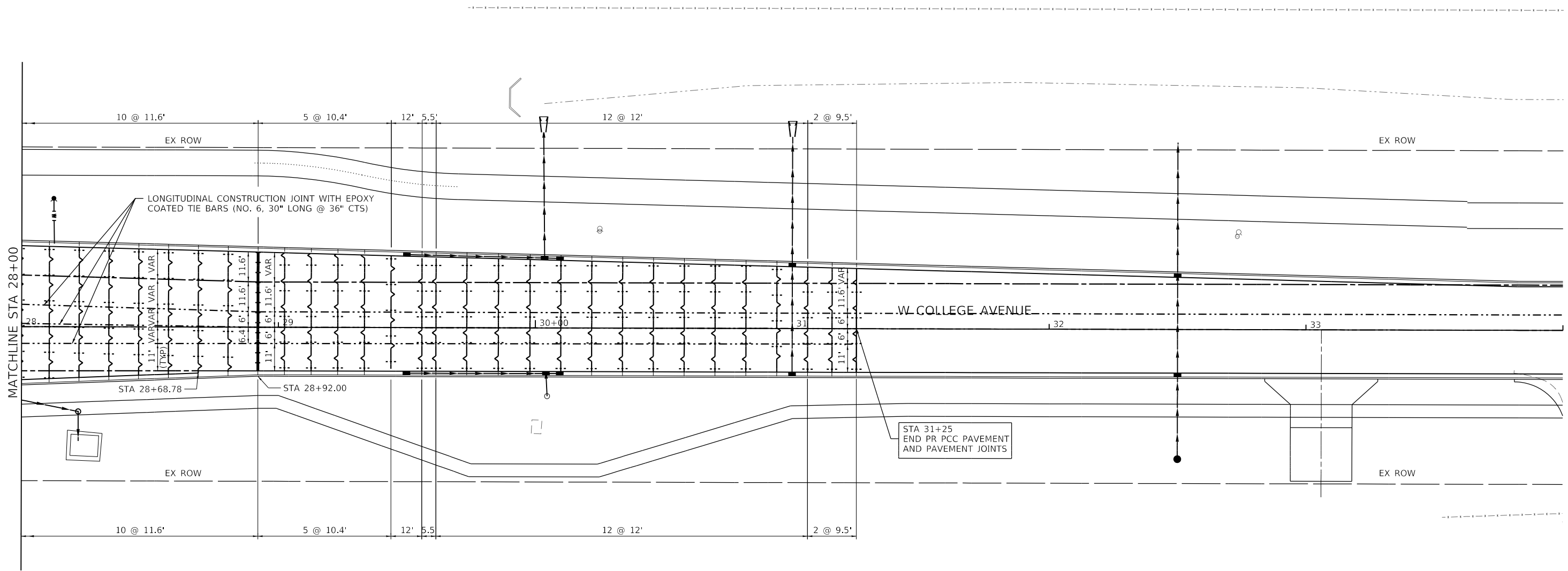
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>WEST COLLEGE AVENUE</b> <b>PAVEMENT JOINTING PLAN</b>		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		6352	20-00271-00-PV	McLEAN	233	125
SCALE: 1" = 20'		SHEET 3 OF 6 SHEETS		STA. 10+00.00 TO STA. 16+00.00		CONTRACT NO. 91619

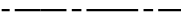
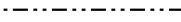

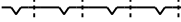


ILLINOIS		FED. AID PROJECT	
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**LEGEND**

- 
 LONGITUDINAL SAWED JOINT WITH EPOXY COATED TIE BARS (NO. 6, 30" LONG @ 36" CTS)
- 
 LONGITUDINAL CONSTRUCTION JOINT WITH EPOXY COATED TIE BARS (NO. 6, 30" LONG @ 36" CTS)
- 
 TRANSVERSE CONSTRUCTION JOINT WITH EPOXY COATED DOWEL BARS 1.25" DIA. (18" LONG @ 12" CTS)
- 
 TRANSVERSE SAWED CONTRACTION JOINT WITH EPOXY COATED DOWEL BARS 1.25" DIA. (18" LONG @ 12" CTS)
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 SAWED CONTRACTION JOINT IN COMBINATION CONCRETE CURB AND GUTTER (1" EXPANSION JOINT WITH EPOXY COATED DOWEL BAR 1.25" ON EACH SIDE OF DRAINAGE FRAME AND GRATE AS SHOWN ON STANDARD 606001.
- 
 2" TRANSVERSE EXPANSION JOINT WITH (PREFORMED CLOSED CELL PLASTIC JOINT FILLER) AND P.C. CONCRETE PAVEMENT CONNECTOR SLEEPER SLAB (SEE MISCELLANEOUS DETAIL SHEET AND SPECIAL PROVISIONS).

**NOTES**

1. PAVEMENT ROUNDOUTS FOR MANHOLES AND VALVE VAULTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111.
2. SAWED TRANSVERSE JOINT LOCATIONS IN US ROUTE 150 NORTHBOUND RIGHT-TURN LANE SHALL MATCH JOINT LOCATIONS IN ADJACENT PAVEMENT.
3. PAVEMENT JOINT STUBS SHALL BE A 1.5' MINIMUM (TYPICAL).
4. THE MAXIMUM JOINT SPACING IS 12' CENTERS. THE ENGINEER'S INTENT FOR JOINT SPACING IS SHOWN.
5. ANY JOINT COMPOUND ON PAVEMENT OR CURB/GUTTER SURFACE SHALL BE REMOVED AT CONTRACTOR'S EXPENSE.
6. EXPANSION JOINTS TO BE 2" PREFORMED CLOSED CELL PLASTIC JOINT FILLER EXPANSION JOINTS. POURED JOINT SEALER ON TOP SHALL BE GRAY IN COLOR.
7. JOINTING PLAN IS SUBJECT TO CHANGE BASED ON ACTUAL FIELD CONDITIONS AND SUBJECT TO MAX. JOINT SPACING REQUIREMENTS SHOWN ON PLAN.
8. EPOXY COATED DOWEL BARS ARE REQUIRED AT THE TRANSVERSE JOINTS WITH LOCATION AND SIZE PER IDOT STANDARD.



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**Farnsworth GROUP**  
 2709 MCGRAW DRIVE  
 BLOOMINGTON, ILLINOIS 61704  
 (309) 663-8435 / info@f-w.com

USER NAME = dmeyer	DESIGNED - KLM	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN - DRR	REVISED -
PLOT DATE = 11/9/2023	CHECKED - ERB	REVISED -
	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
 PAVEMENT JOINTING PLAN**

SCALE: 1" = 20'    SHEET 6 OF 6 SHEETS    STA. 28+00.00 TO STA. 34+00.00

F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 128
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
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WSP USA Inc.  
 30 N. LASALLE STREET  
 SUITE 4200  
 CHICAGO, IL 60602  
 TEL: (312) 782-6150  
 FAX: (312) 782-1694

USER NAME = USCP702533	DESIGNED - YW	REVISED -
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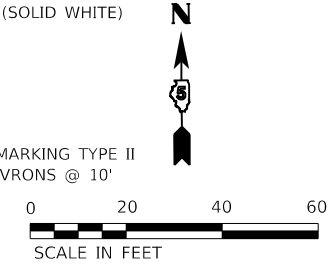
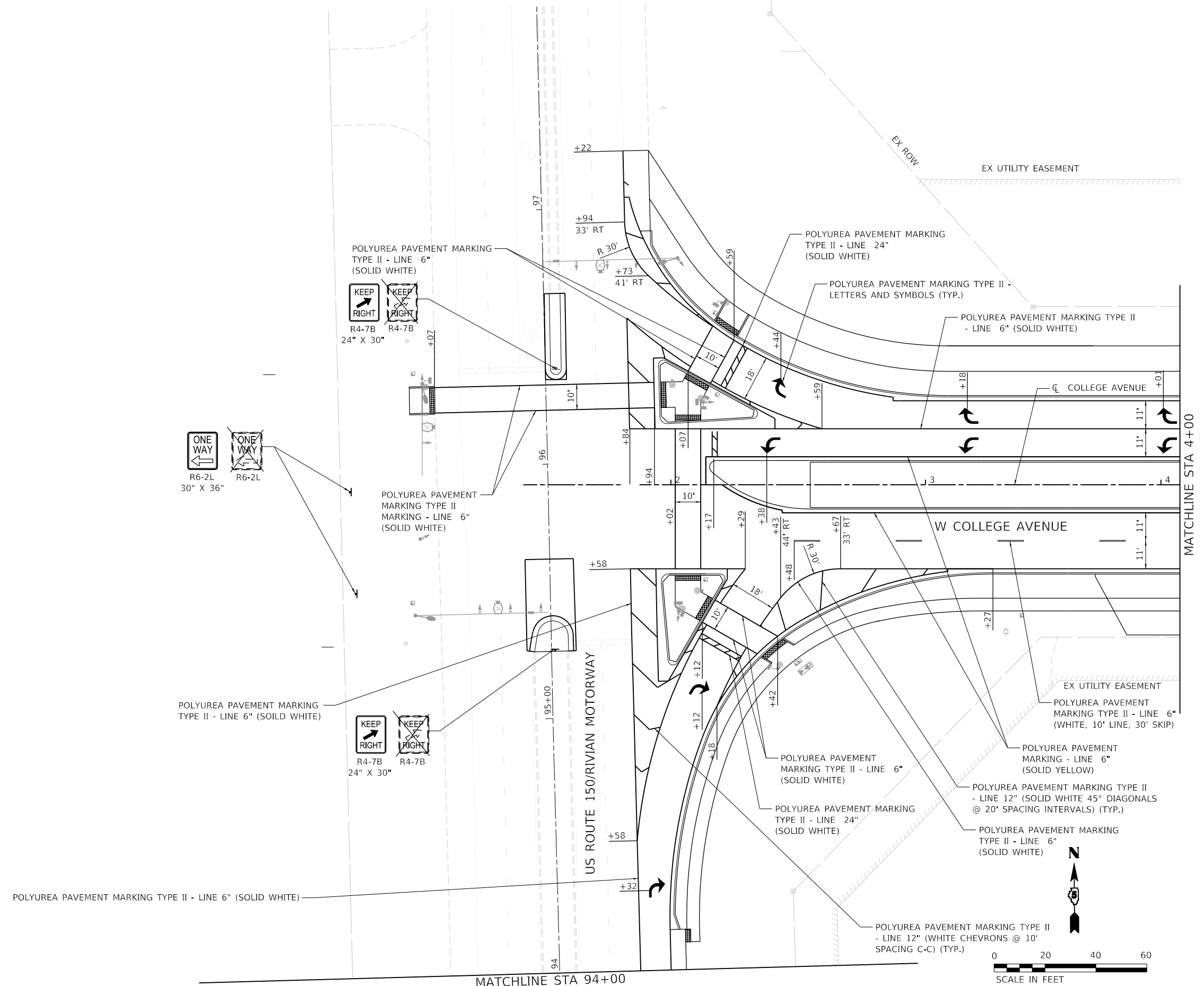
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DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

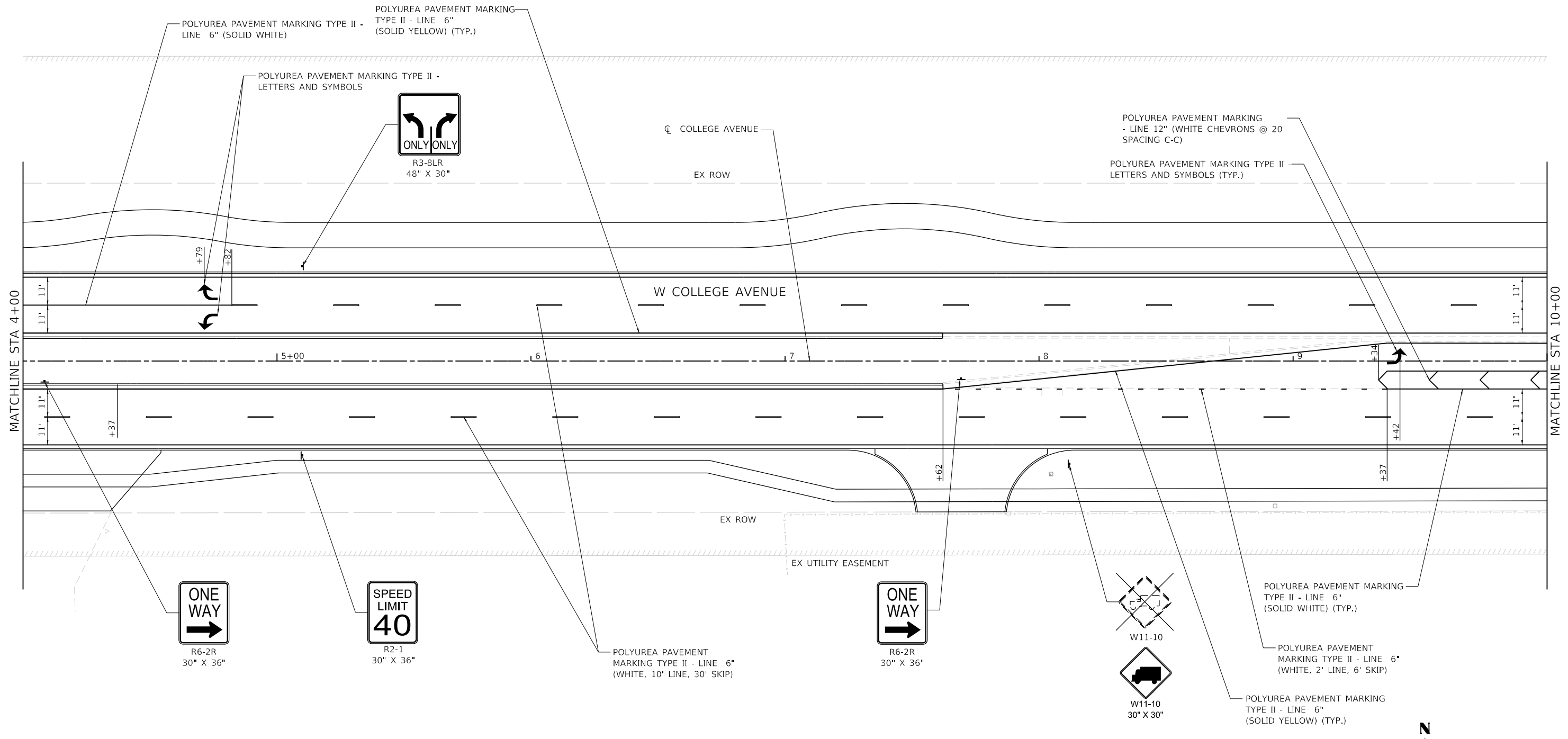
**WEST COLLEGE AVENUE  
 PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 20' SHEET 1 OF 15 SHEETS STA. 1+00 TO STA. 4+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	129
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



MODEL: Defaul  
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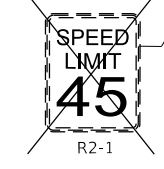
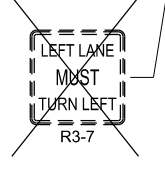
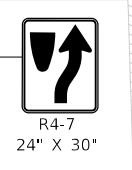
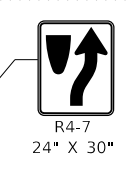
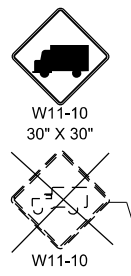
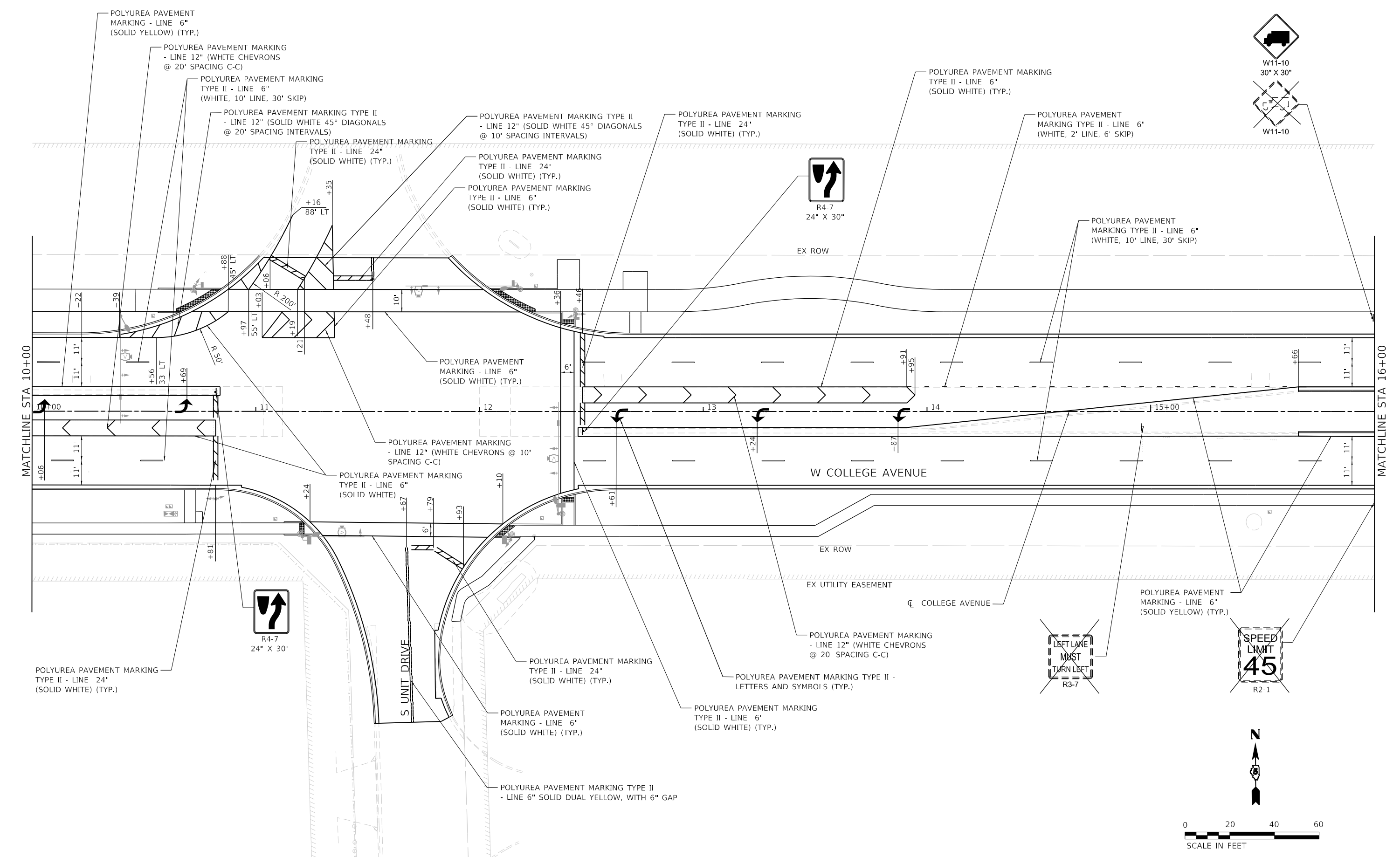
WSP USA Inc. 30 N. LASALLE STREET SUITE 4200 CHICAGO, IL 60602 TEL: (312) 782-6150 FAX: (312) 782-1684	USER NAME = USCP702533	DESIGNED - YW	REVISED -
		DRAWN - YW	REVISED -
	PLOT SCALE = 40.0000 ' / in.	CHECKED - KSD	REVISED -
	PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>WEST COLLEGE AVENUE    PAVEMENT MARKING AND SIGNING PLAN</b>			
SCALE: 1" = 20'	SHEET 2 OF 15 SHEETS	STA. 4+00	TO STA. 10+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	130
CONTRACT NO. 91619				
ILLINOIS		FED. AID PROJECT		

MODEL: Default  
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WSP USA Inc.  
 30 N. LASALLE STREET  
 SUITE 4200  
 CHICAGO, IL 60602  
 TEL: (312) 782-6150  
 FAX: (312) 782-1684

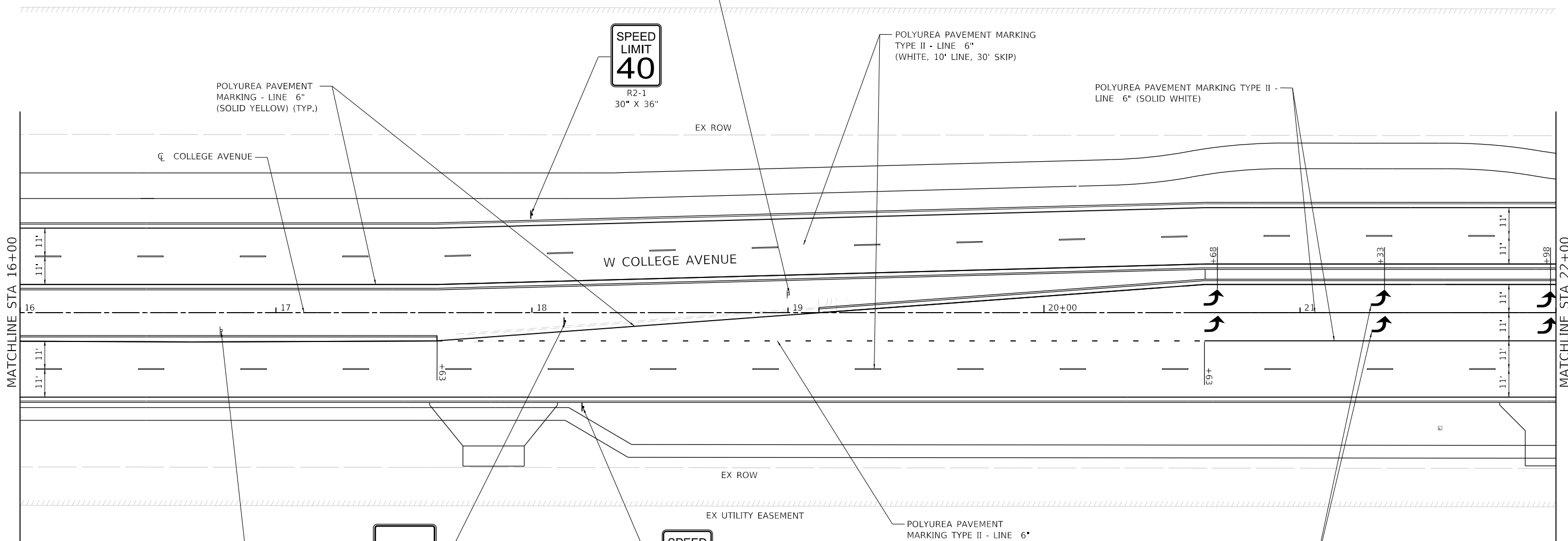
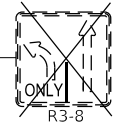
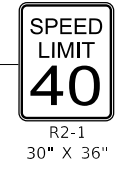
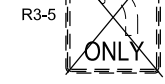
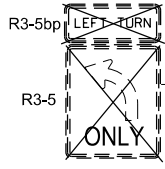
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PLOT SCALE = 40.0000' / in.	DRAWN - YW	REVISED -
PLOT DATE = 11/9/2023	CHECKED - KSD	REVISED -
	DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
 PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 20'    SHEET 3 OF 15 SHEETS    STA. 10+00 TO STA. 16+00

F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 131
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



MODEL: Default  
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USER NAME = USCP702533	DESIGNED - YW	REVISED -
DRAWN - YW	REVISIONS -	
PLOT SCALE = 40.0000 ' / in.	CHECKED - KSD	REVISED -
PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

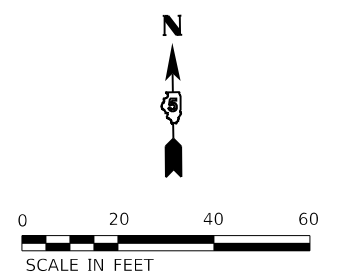
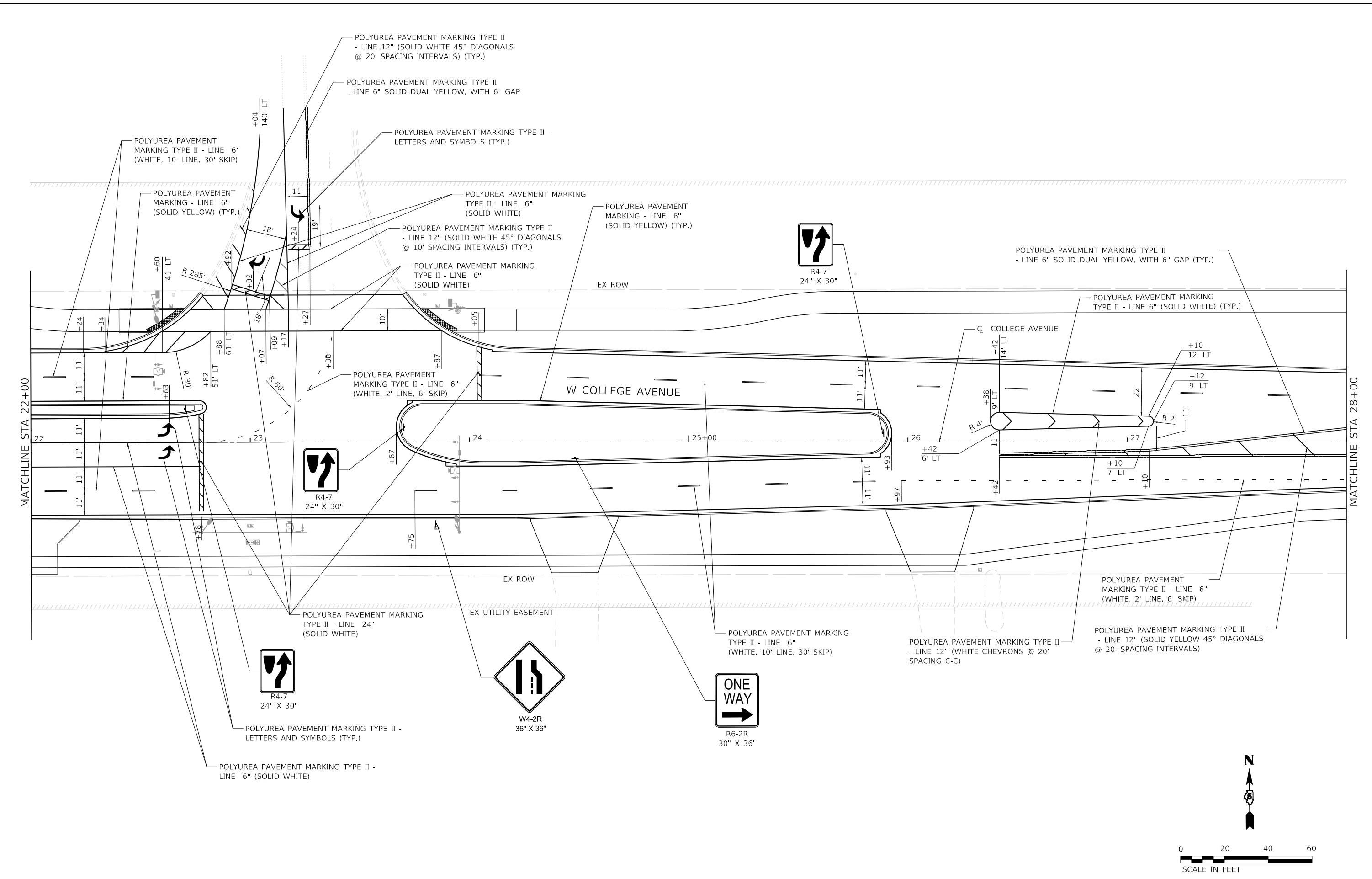
**WEST COLLEGE AVENUE  
 PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 20'    SHEET 4 OF 15 SHEETS    STA. 16+00 TO STA. 22+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	132
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



MODEL: Default  
 FILE NAME: T:\39901039 - Farnsworth College Avenue\ClallPlan\_Sheets\0200828.00-sht-mpk05.dgn



WSP USA Inc. 30 N. LASALLE STREET SUITE 4200 CHICAGO, IL 60602 TEL: (312) 782-6150 FAX: (312) 782-1684	USER NAME = USCP702533	DESIGNED - YW	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - KSD	DRAWN - YW	REVISED -
PLOT DATE = 11/9/2023	DATE - 11/9/2023		REVISED -

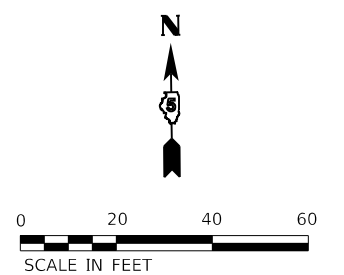
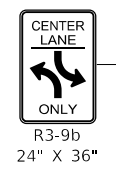
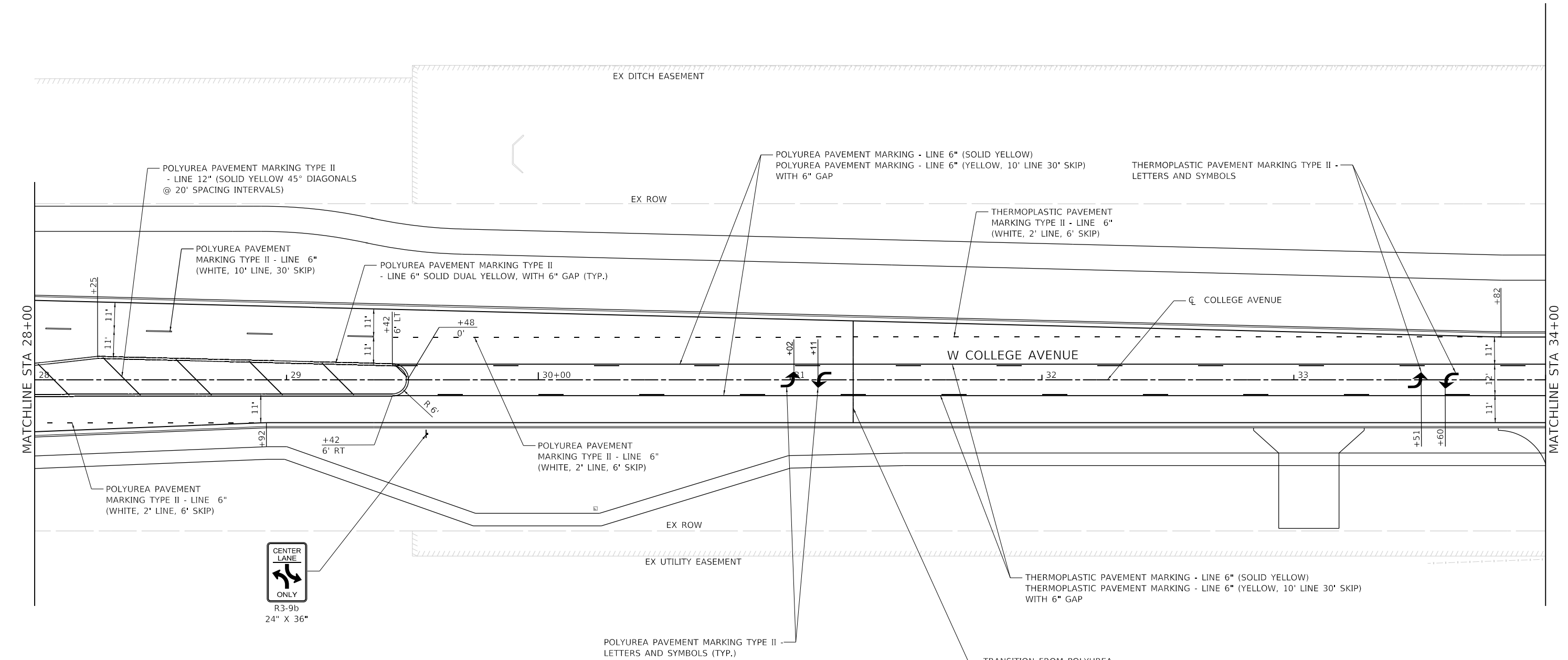
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
 PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 20'    SHEET 5 OF 15 SHEETS    STA. 22+00 TO STA. 28+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	133
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

MODEL: D:\p1039\_Farmsworth\_College\_Avenue\CL11\Plan\_Sheets\20200828-00-ent-mpk06.dgn  
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WSP USA Inc. 30 N. LASALLE STREET SUITE 4200 CHICAGO, IL 60602 TEL: (312) 782-6150 FAX: (312) 782-1684	USER NAME = USCP702533	DESIGNED - YW	REVISED -
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	PLOT DATE = 11/9/2023	CHECKED - KSD	REVISED -
		DATE - 11/9/2023	REVISED -

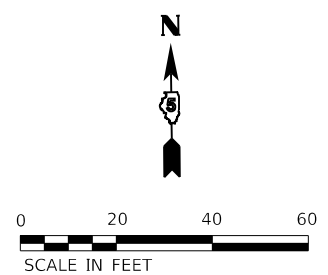
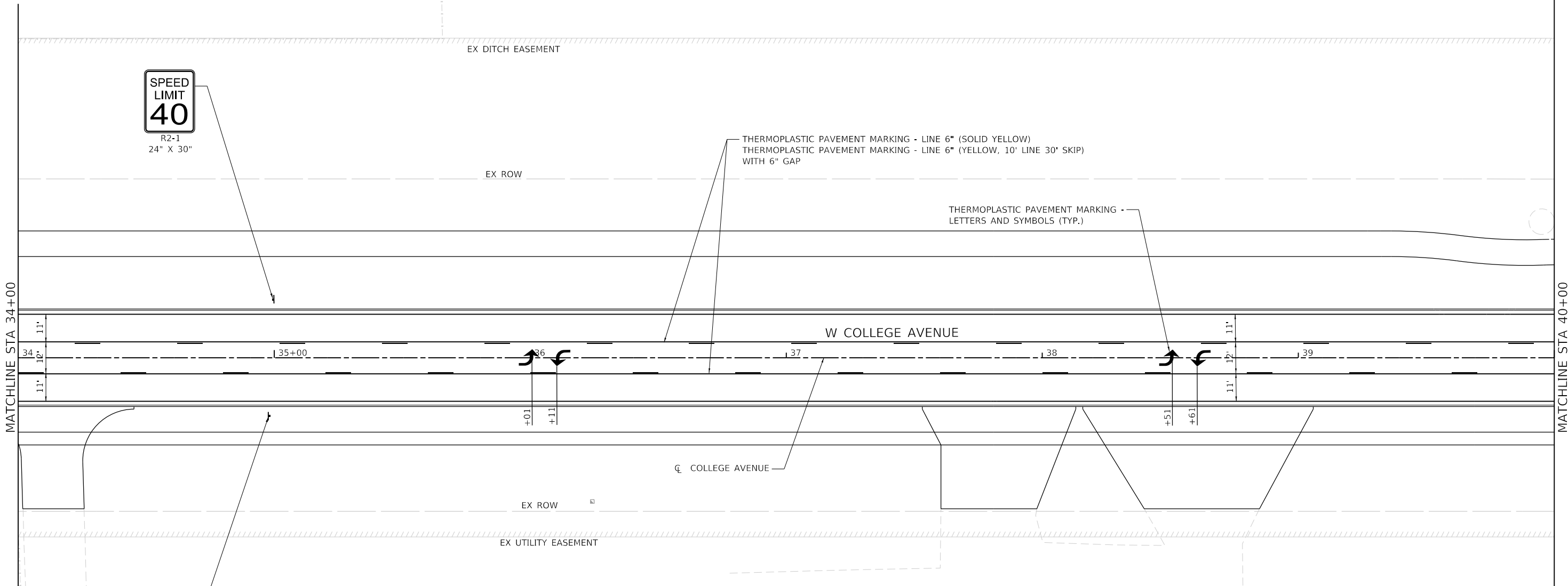
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 20'    SHEET 6 OF 15 SHEETS    STA. 28+00 TO STA. 34+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	134
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

MODEL: D:\p1039\_Farmersouth\_College\_Avenue\CL11\Plan\_Sheets\20200828-00-sht-mpk07.dgn  
 FILE NAME: 20-00271-00-PV



WSP USA Inc.  
 30 N. LASALLE STREET  
 SUITE 4200  
 CHICAGO, IL 60602  
 TEL: (312) 782-6150  
 FAX: (312) 782-1694

USER NAME = USCP702533	DESIGNED - YW	REVISED -
DRAWN - YW	REVISIONS -	
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PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -

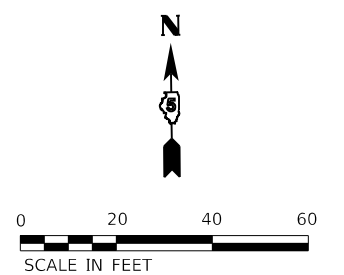
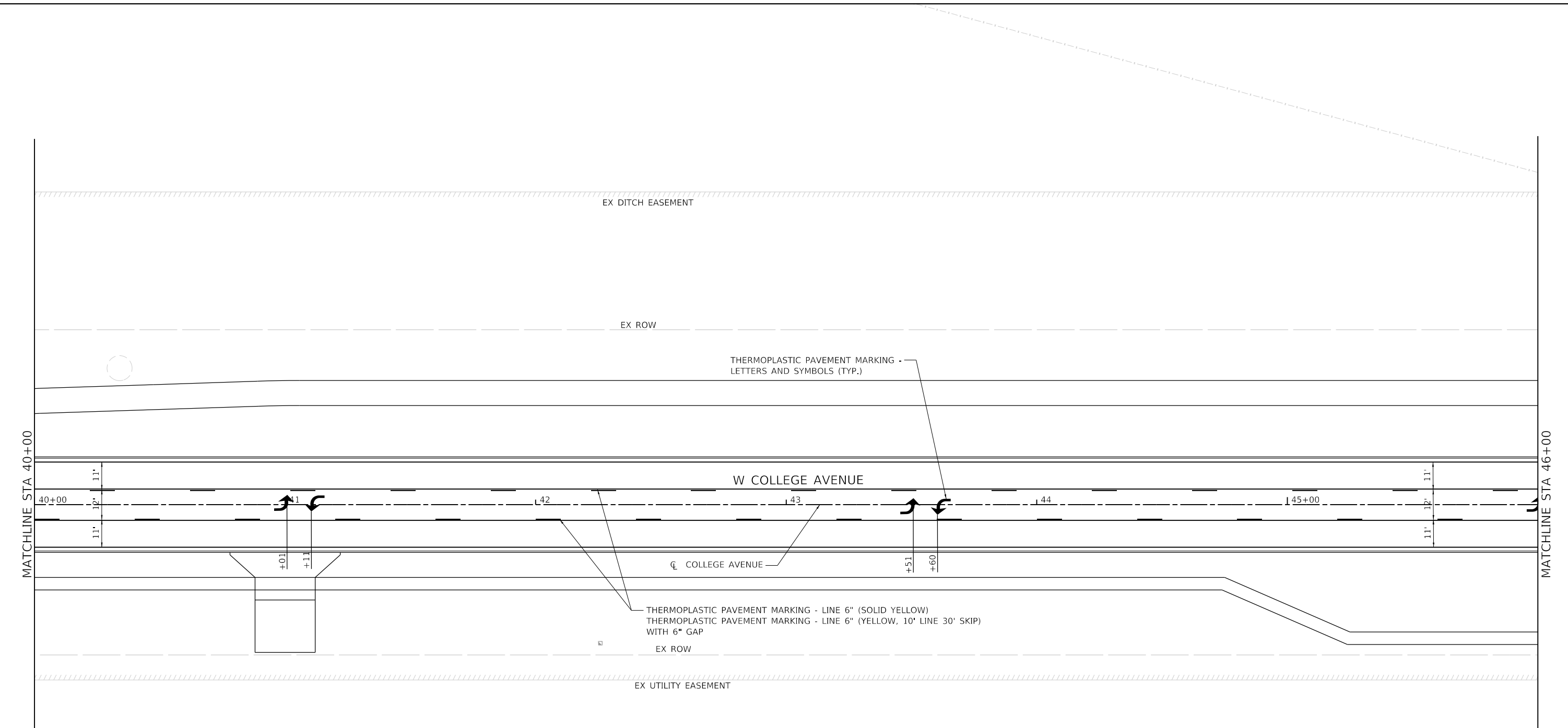
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
 PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 20' SHEET 7 OF 15 SHEETS STA. 34+00 TO STA. 40+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	135
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

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PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -

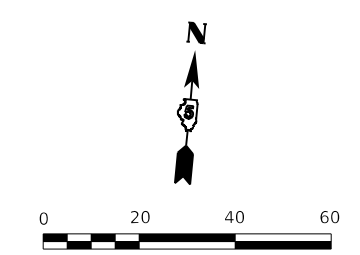
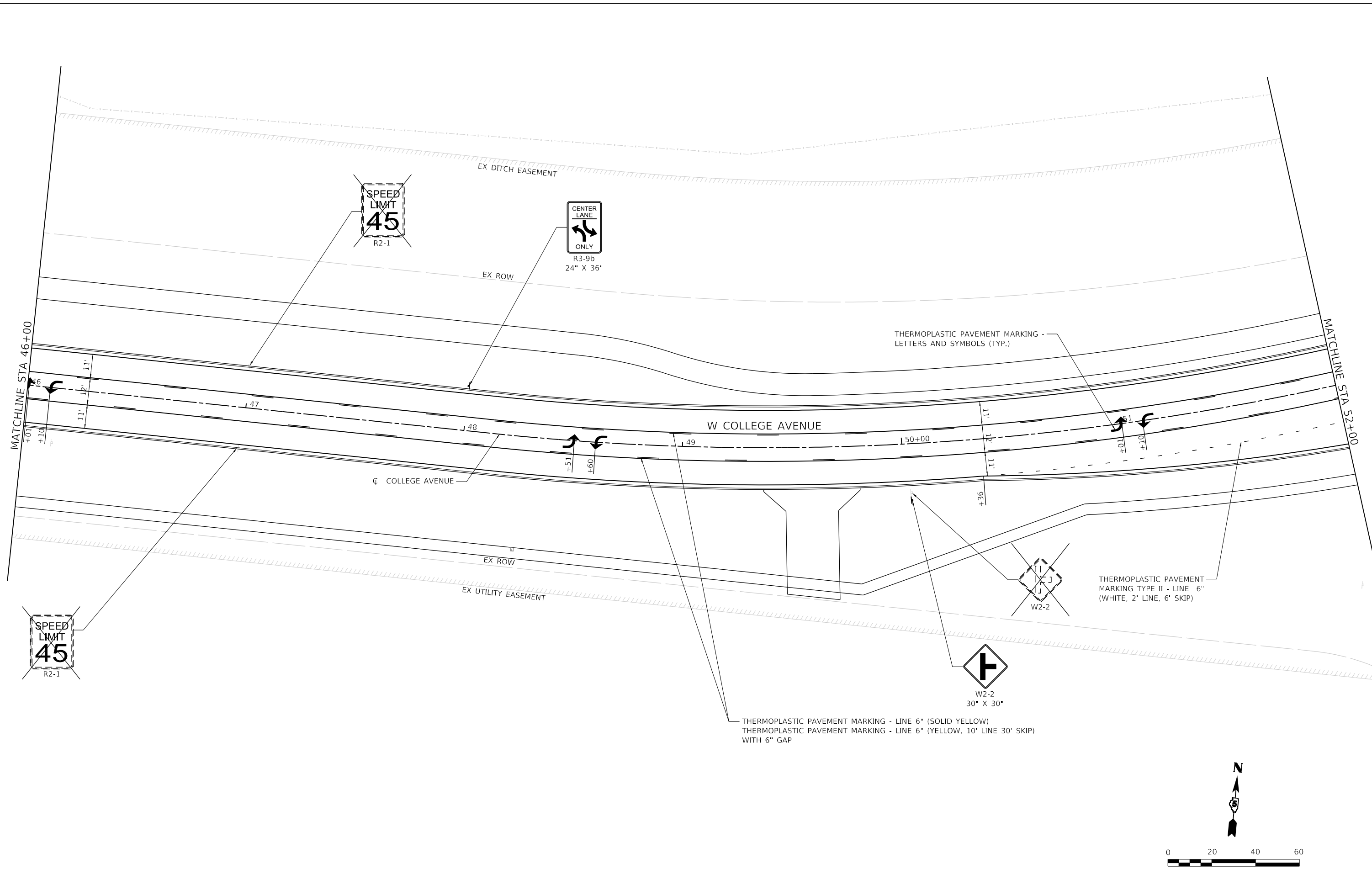
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 20'    SHEET 8 OF 15 SHEETS    STA. 40+00 TO STA. 46+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	136
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
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WSP USA Inc.  
 30 N. LASALLE STREET  
 SUITE 4200  
 CHICAGO, IL 60602  
 TEL: (312) 782-6150  
 FAX: (312) 782-1684

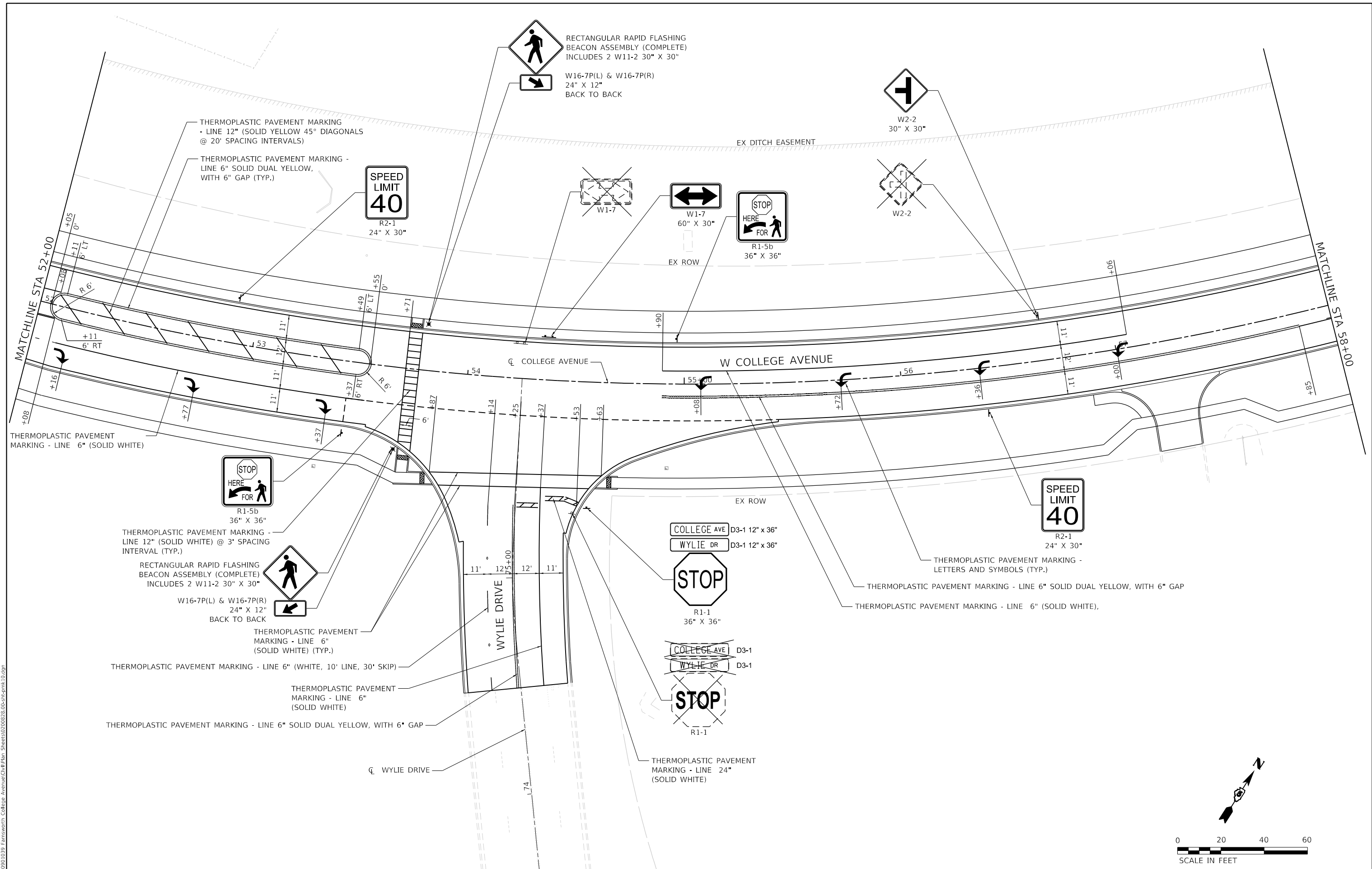
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PLOT DATE = 11/9/2023	CHECKED - KSD	REVISED -
	DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

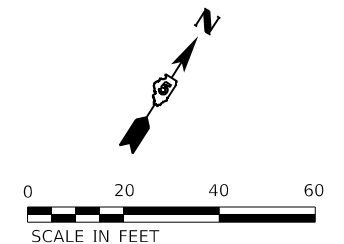
**WEST COLLEGE AVENUE  
 PAVEMENT MARKING AND SIGNING PLAN**

F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 137
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

SCALE: 1" = 20' SHEET 9 OF 15 SHEETS STA. 46+00 TO STA. 52+00



MODEL: Default  
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 DATE: 11/9/2023



USER NAME = USCP702533	DESIGNED - YW	REVISED -
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PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -

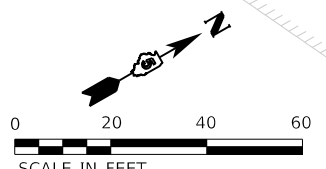
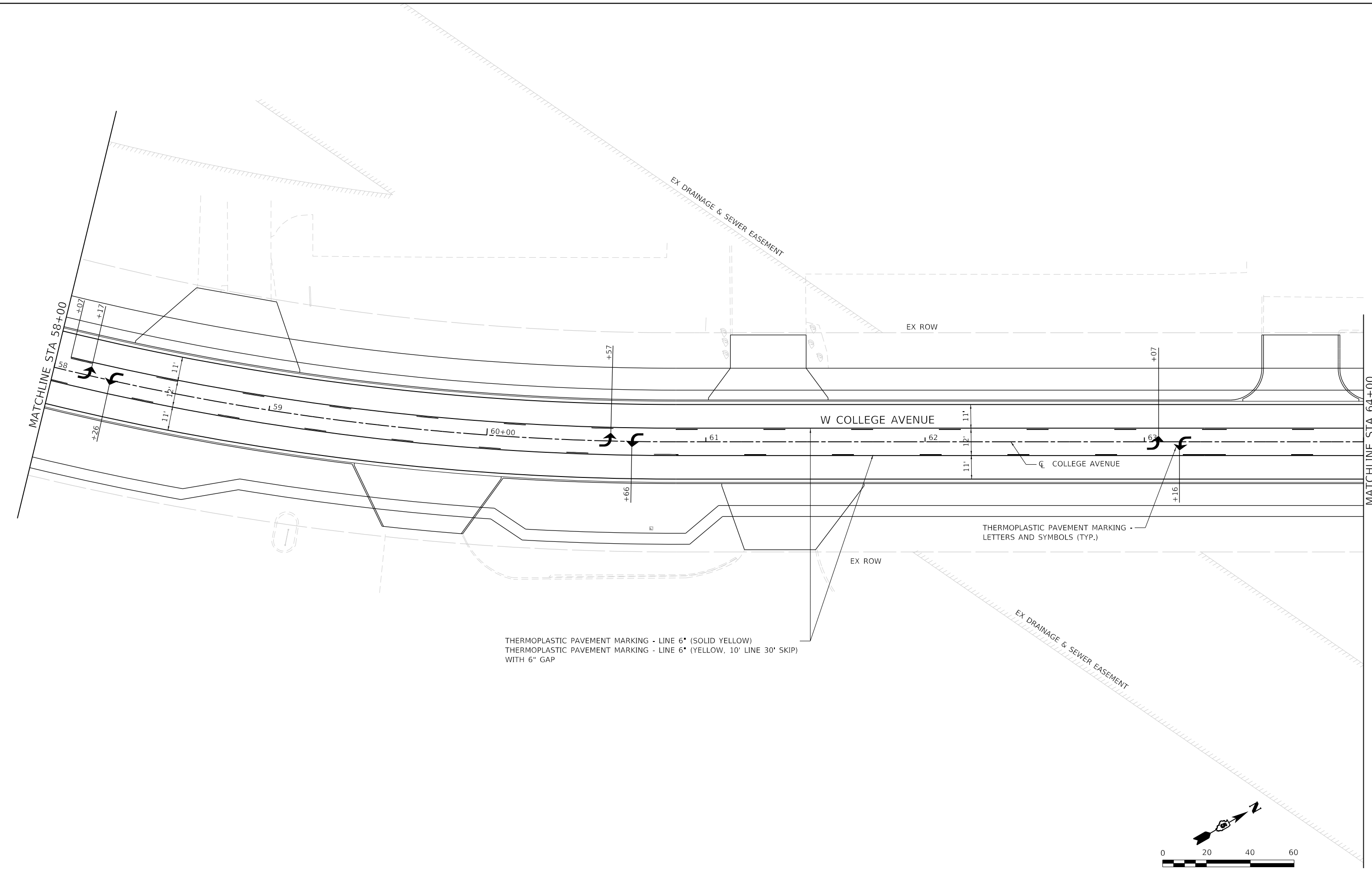
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE**  
**PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 20'    SHEET 10 OF 15 SHEETS    STA. 52+00 TO STA. 58+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	138
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

MODEL: D:\p1039\_1039\_Farmsworth\_College\_Avenue\CLM\Plan\_Sheets\0200828.00-sht-tpmk1.dgn



WSP USA Inc.  
30 N. LASALLE STREET  
SUITE 4200  
CHICAGO, IL 60602  
TEL: (312) 782-6150  
FAX: (312) 782-1694

USER NAME = USCP702533	DESIGNED - YW	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - YW	REVISED -
PLOT DATE = 11/9/2023	CHECKED - KSD	REVISED -
	DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 20'    SHEET 11 OF 15 SHEETS    STA. 58+00 TO STA. 64+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	139
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

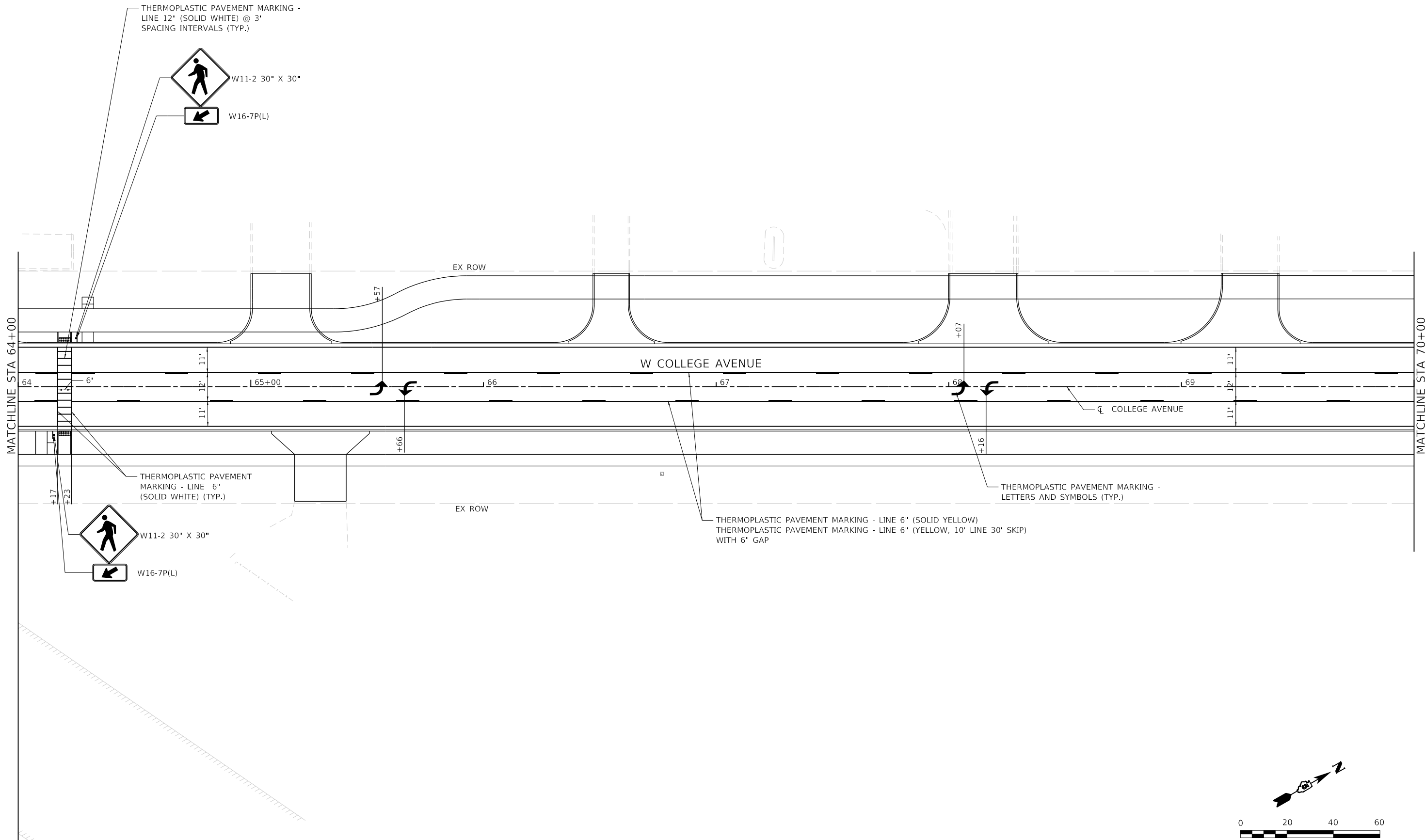
THERMOPLASTIC PAVEMENT MARKING - LINE 12" (SOLID WHITE) @ 3' SPACING INTERVALS (TYP.)



W11-2 30" X 30"



W16-7P(L)



THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID WHITE) (TYP.)



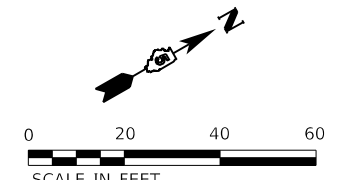
W11-2 30" X 30"



W16-7P(L)

THERMOPLASTIC PAVEMENT MARKING - LINE 6" (SOLID YELLOW)  
THERMOPLASTIC PAVEMENT MARKING - LINE 6" (YELLOW, 10' LINE 30' SKIP) WITH 6" GAP

THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS (TYP.)



MODEL: Default  
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PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

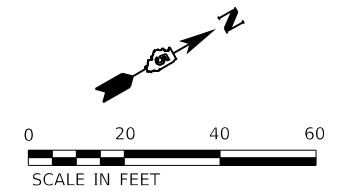
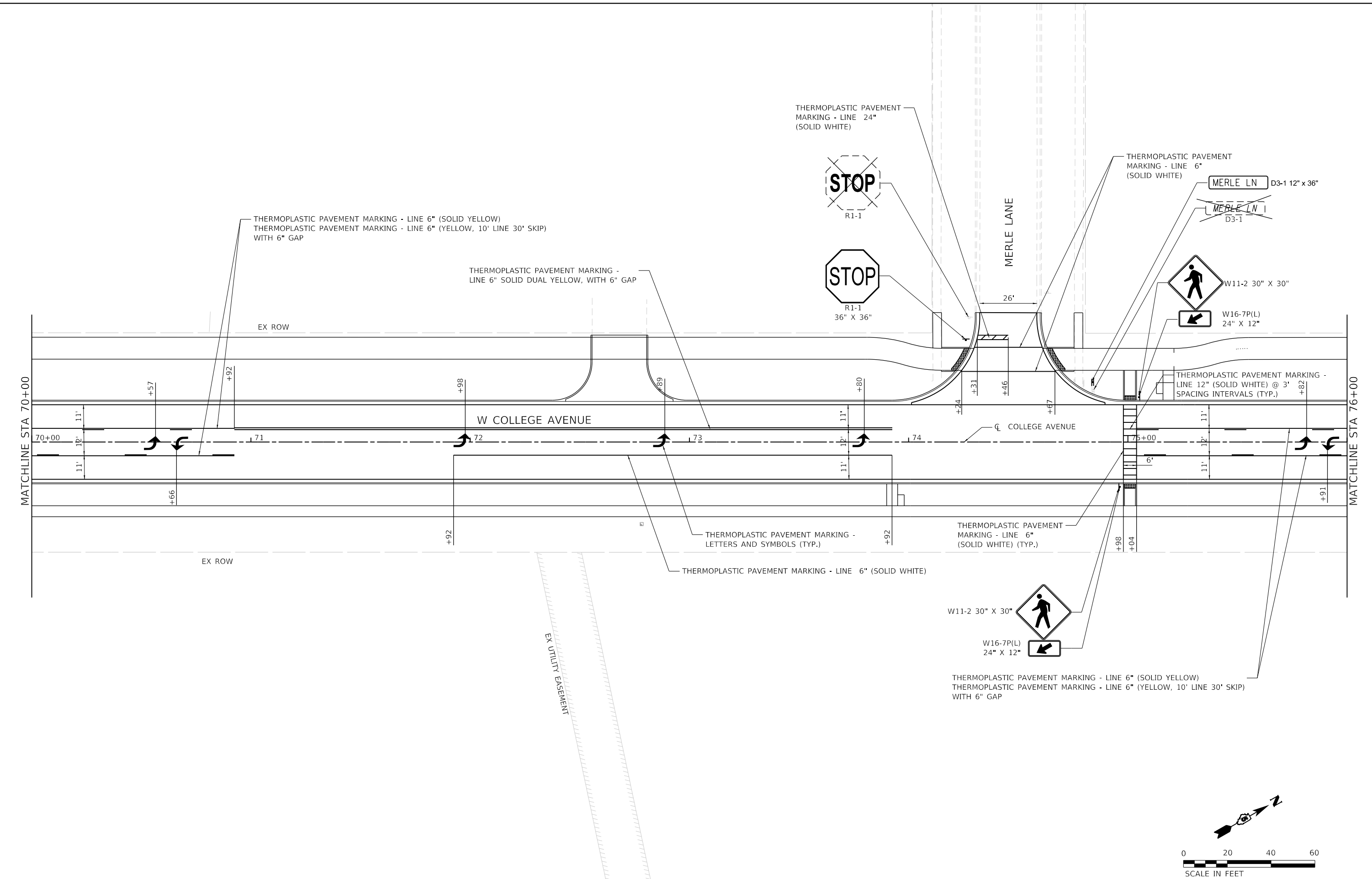
**WEST COLLEGE AVENUE  
PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 20'    SHEET 12 OF 15 SHEETS    STA. 64+00 TO STA. 70+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	140
CONTRACT NO. 91619			ILLINOIS FED. AID PROJECT	



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WSP USA Inc.  
 30 N. LASALLE STREET  
 SUITE 4200  
 CHICAGO, IL 60602  
 TEL: (312) 782-6150  
 FAX: (312) 782-1684

USER NAME = USCP702533	DESIGNED - YW	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN - YW	REVISED -
PLOT DATE = 11/9/2023	CHECKED - KSD	REVISED -
	DATE - 11/9/2023	REVISED -

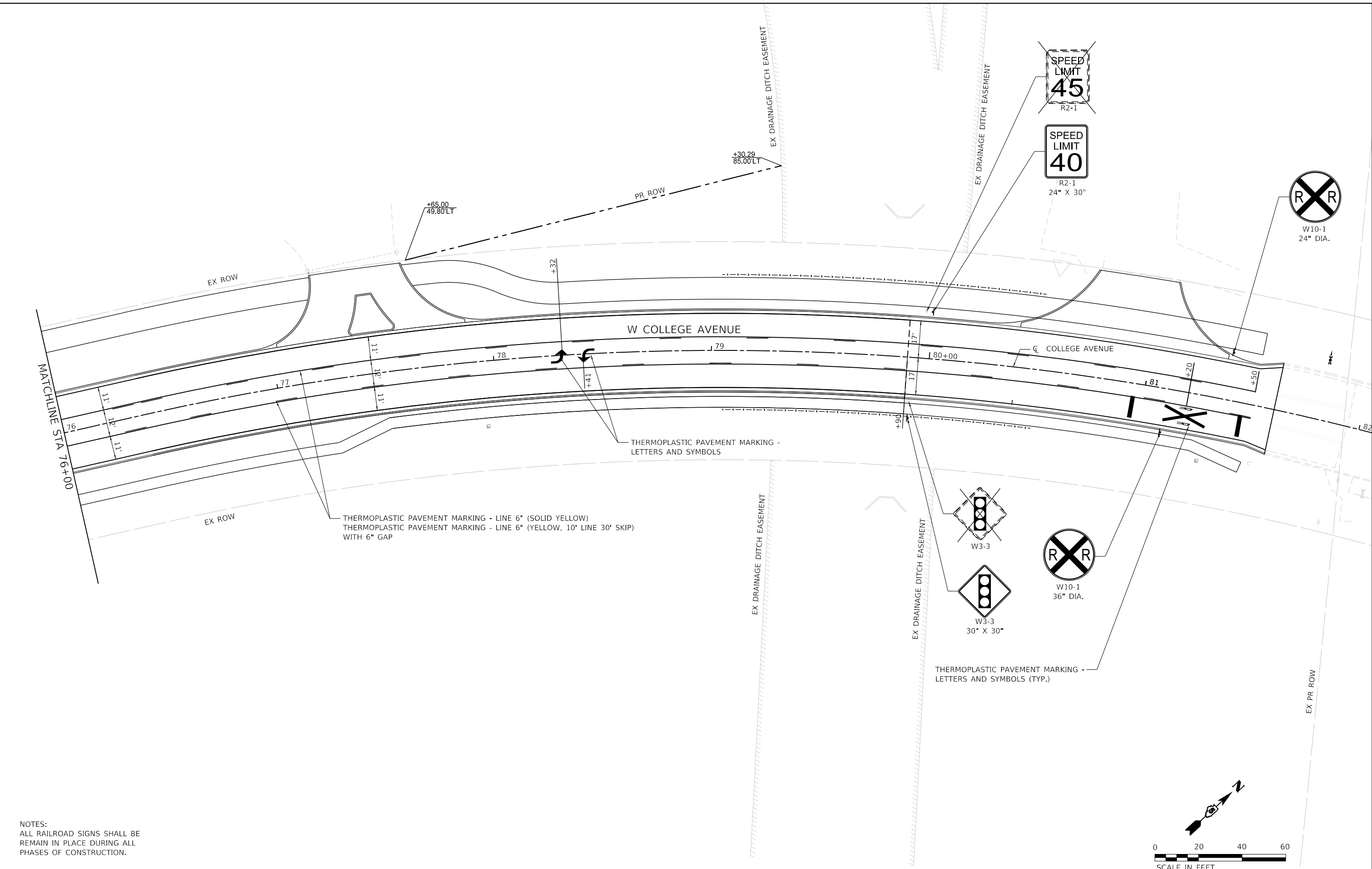
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
 PAVEMENT MARKING AND SIGNING PLAN**

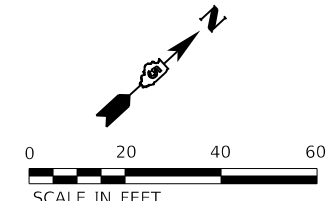
SCALE: 1" = 20' SHEET 13 OF 15 SHEETS STA. 70+00 TO STA. 76+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	141
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

MODEL: Default  
 FILE NAME: T:\39901039\_Emsworth College Avenue\CivilPlan\_Sheets\02008238.00-sht-tpmk1.dgn



NOTES:  
 ALL RAILROAD SIGNS SHALL BE  
 REMAIN IN PLACE DURING ALL  
 PHASES OF CONSTRUCTION.



WSP USA Inc.  
 30 N. LASALLE STREET  
 SUITE 4200  
 CHICAGO, IL 60602  
 TEL: (312) 782-6150  
 FAX: (312) 782-1684

USER NAME = USCP702533	DESIGNED - YW	REVISED -
	DRAWN - YW	REVISED -
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PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -

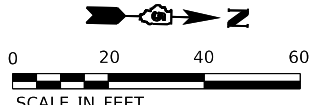
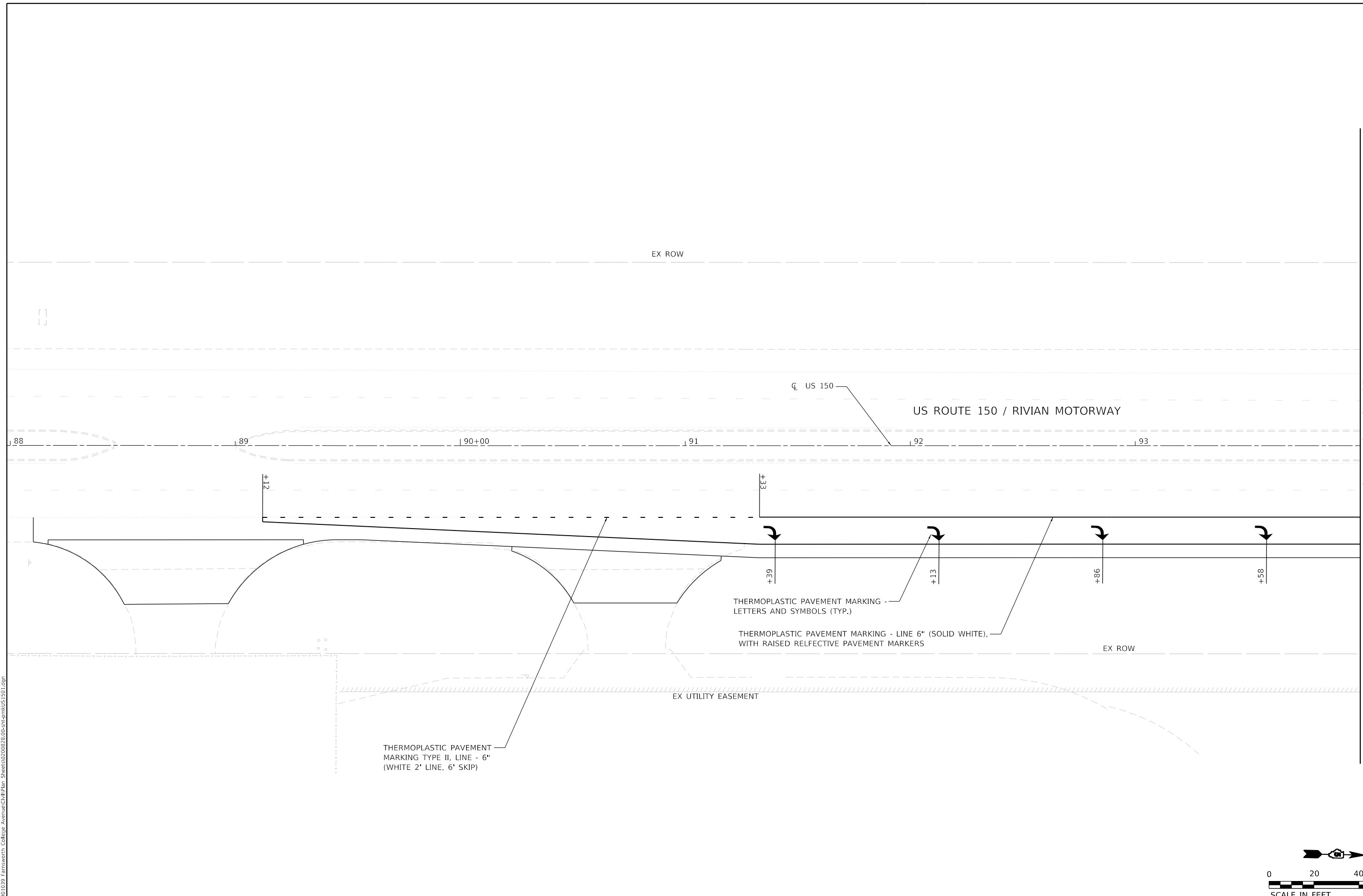
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
 PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 20' SHEET 14 OF 15 SHEETS STA. 76+00 TO STA. 82+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	142
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

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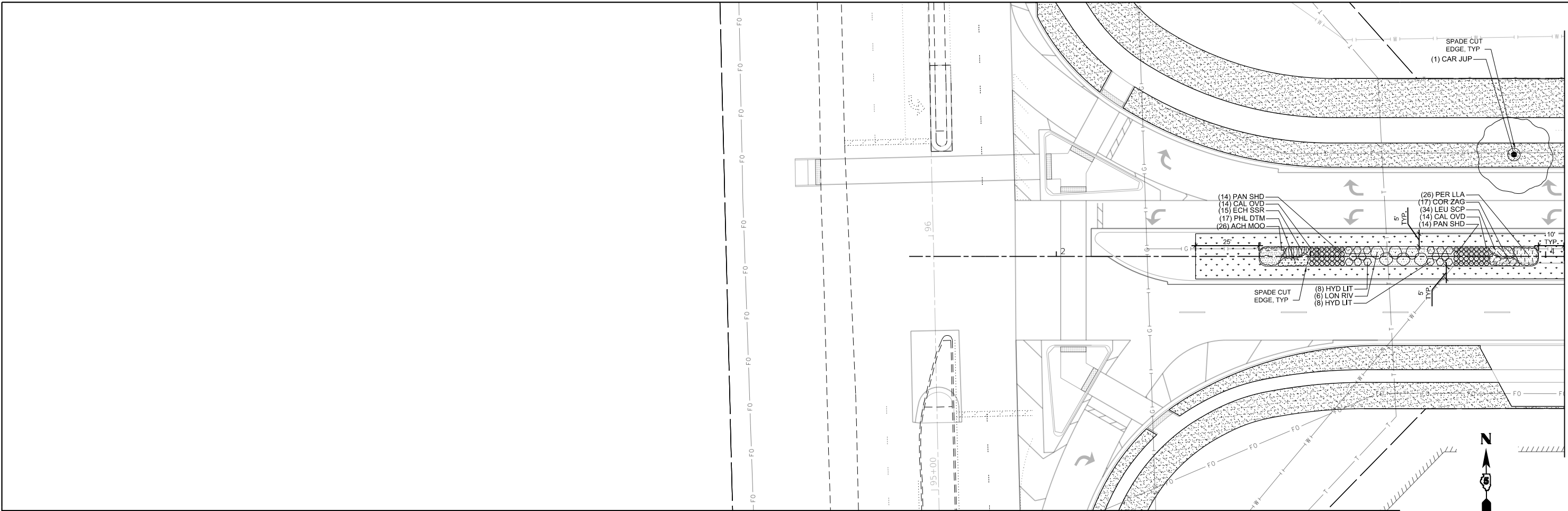
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PLOT DATE = 11/9/2023	DATE - 11/9/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

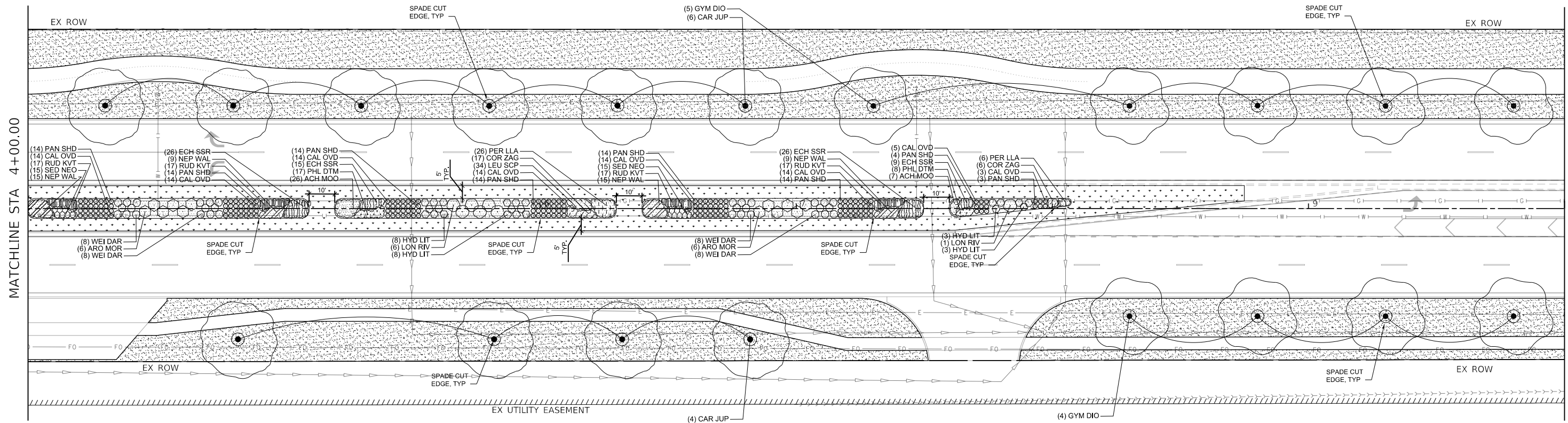
**US ROUTE 150 / RIVIAN MOTORWAY  
 PAVEMENT MARKING AND SIGNING PLAN**

SCALE: 1" = 20'    SHEET 15 OF 15 SHEETS    STA. 88+00 TO STA. 94+00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	143
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA 4+00.00



MATCHLINE STA 4+00.00

MATCHLINE STA 10+00.00

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**Farnsworth GROUP**  
 2709 McGRAW DRIVE  
 BLOOMINGTON, ILLINOIS 61704  
 (309) 663-8435 / info@f-w.com

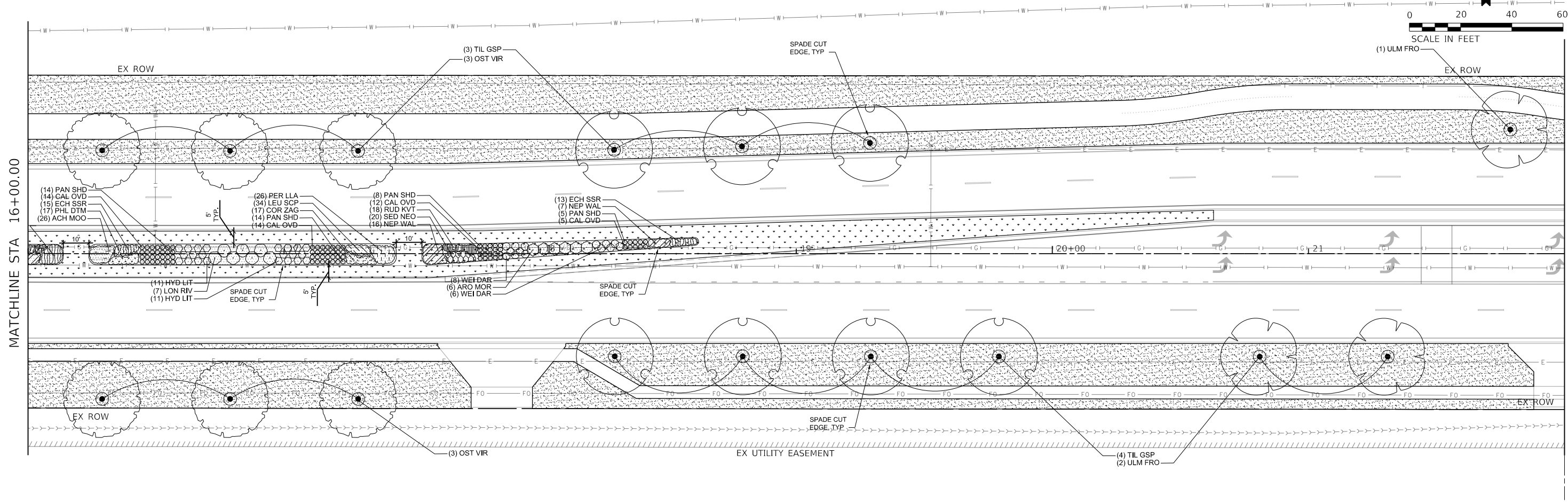
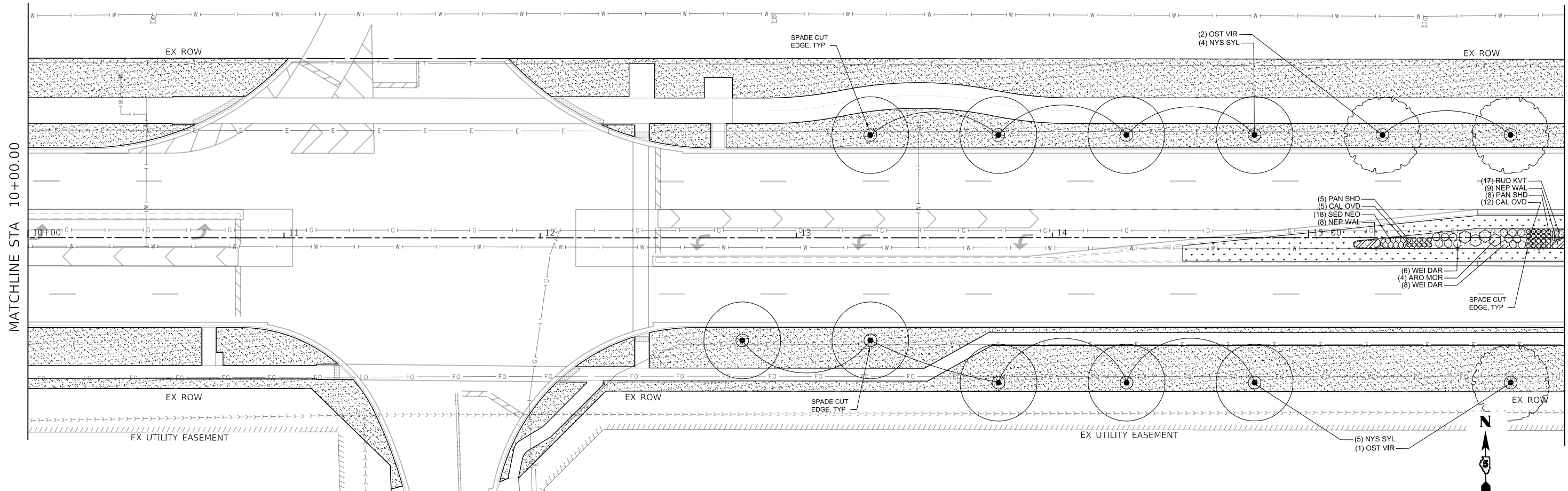
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	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
 LANDSCAPE PLANS**

SCALE: 1"=20' SHEET 1 OF 7 SHEETS STA. 1+83.90 TO STA. 10+00.00

F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 144
ILLINOIS FED. AID PROJECT			CONTRACT NO. 91619	



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 2708 MCGRAW DRIVE  
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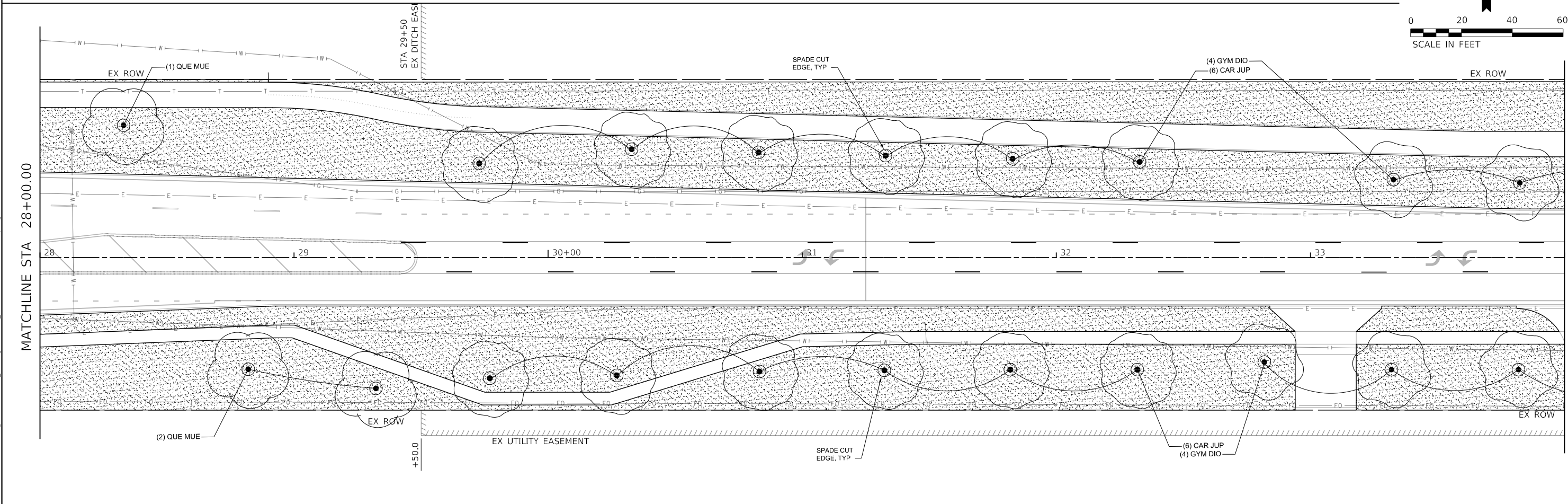
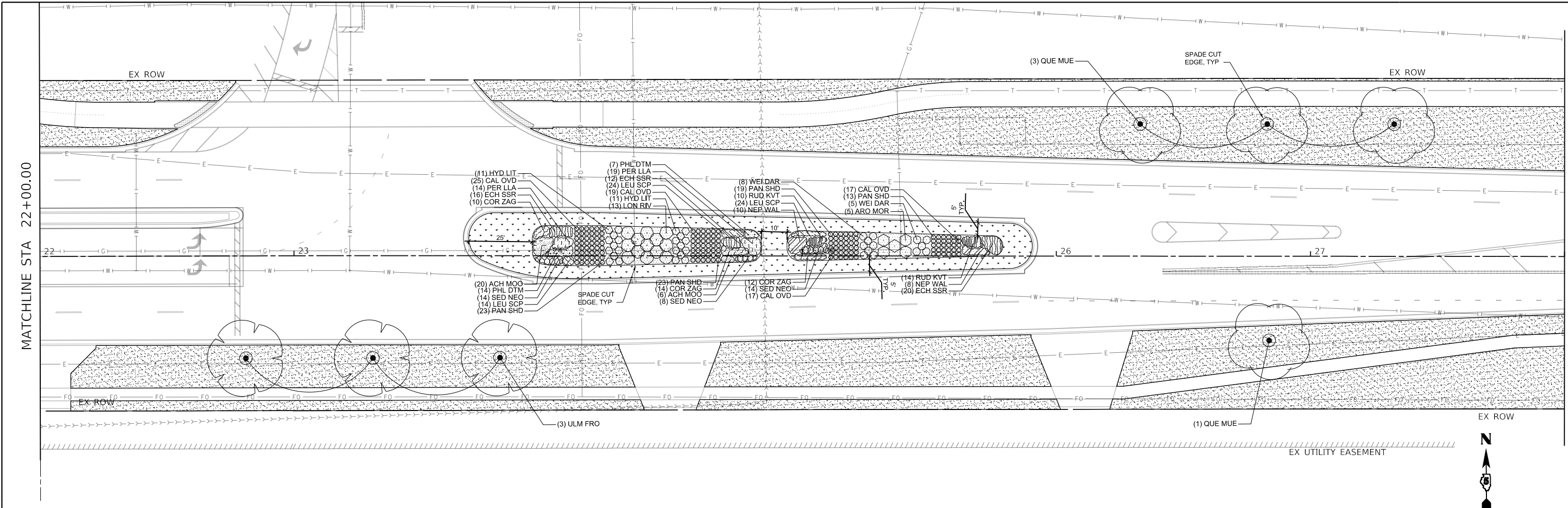
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PLOT DATE = 11/9/2023	CHECKED - JM	REVISED -
	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

SCALE: 1"=20'	SHEET 2 OF 7 SHEETS	STA. 10+00.00 TO STA. 22+00.00
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**WEST COLLEGE AVENUE  
 LANDSCAPE PLANS**

F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 145
ILLINOIS FED. AID PROJECT			CONTRACT NO. 91619	



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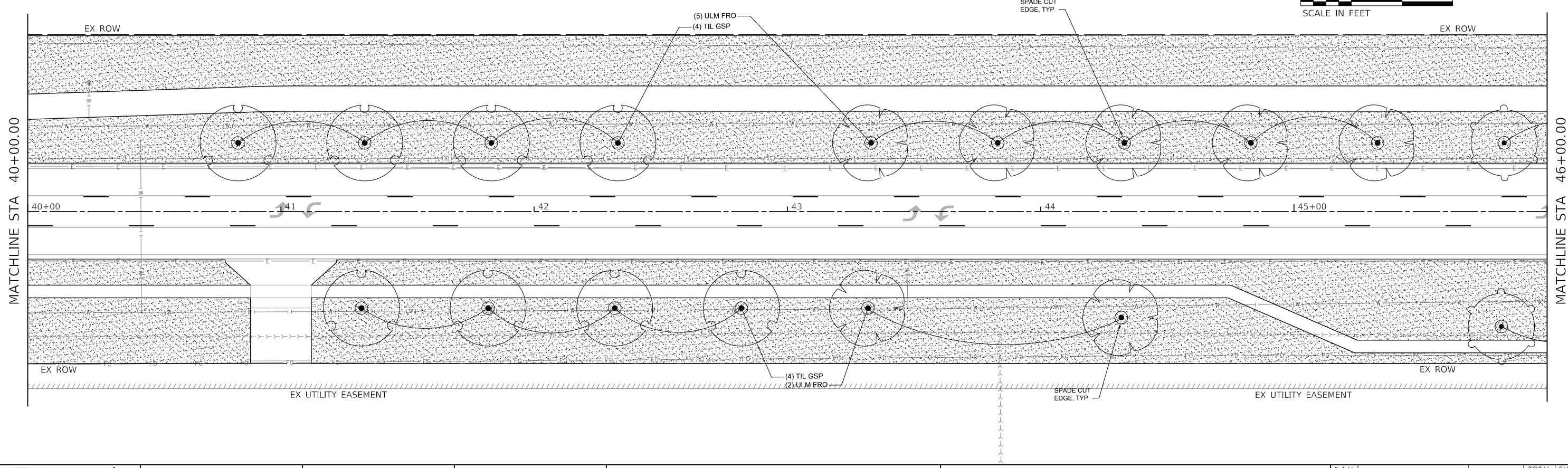
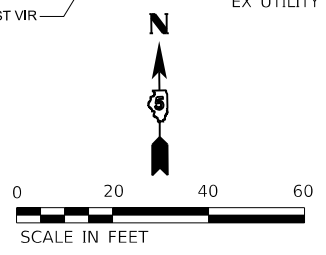
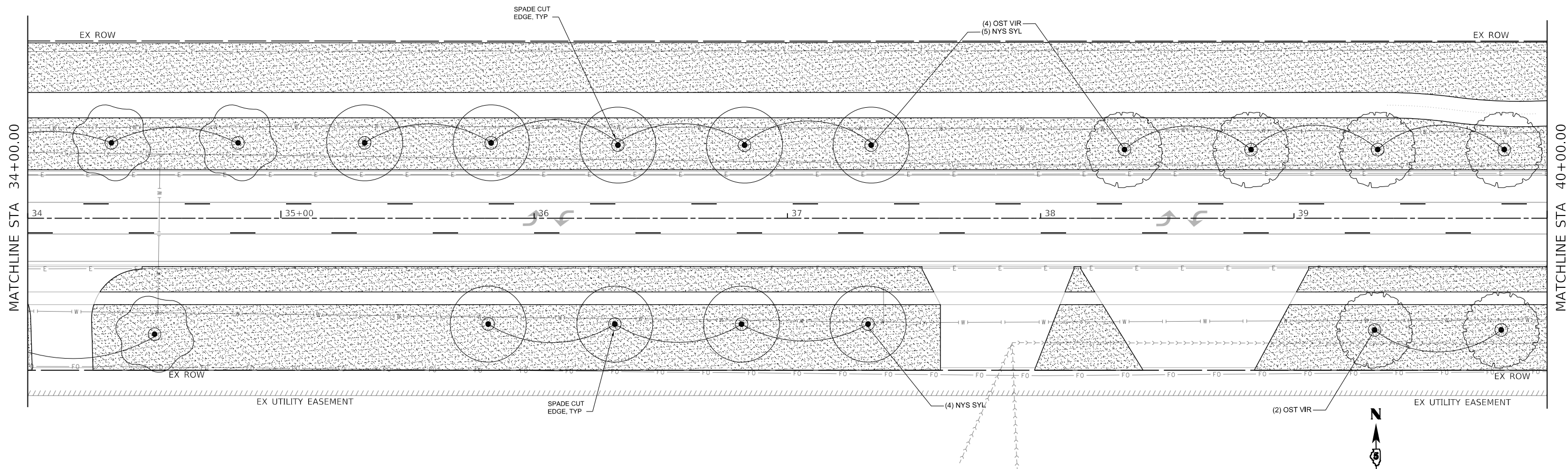
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	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
 LANDSCAPE PLANS**

SCALE: 1"=20'    SHEET 3 OF 7 SHEETS    STA. 22+00.00 TO STA. 34+00.00

F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 146
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



MODEL: Default  
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USER NAME = dmeyer	DESIGNED - AH	REVISED -
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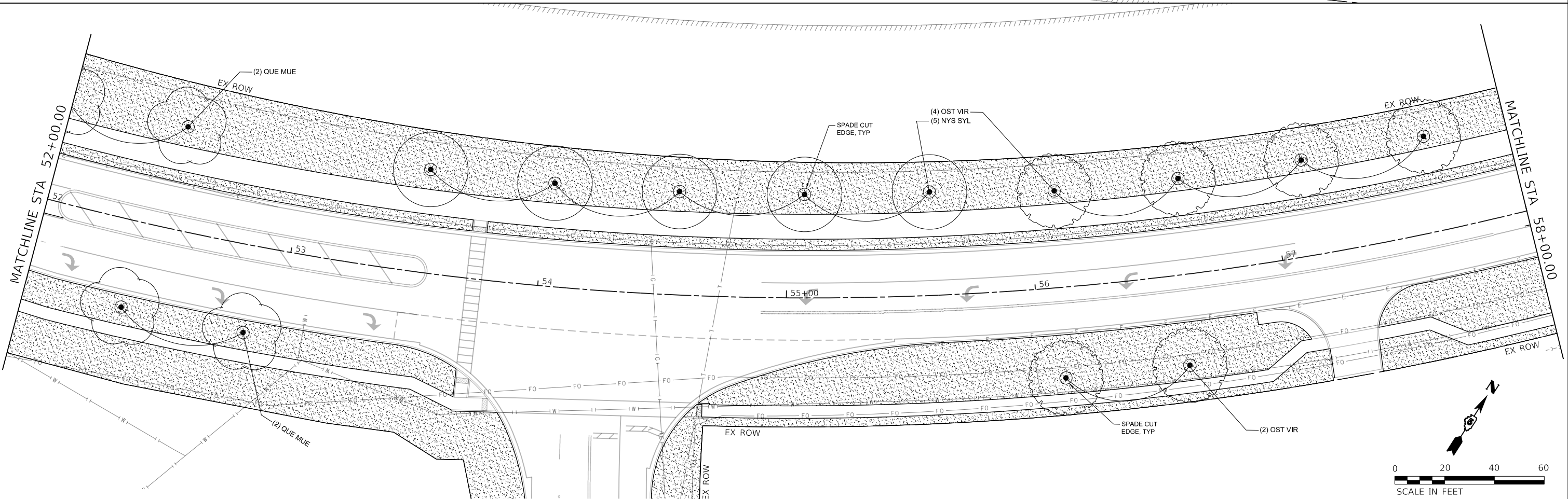
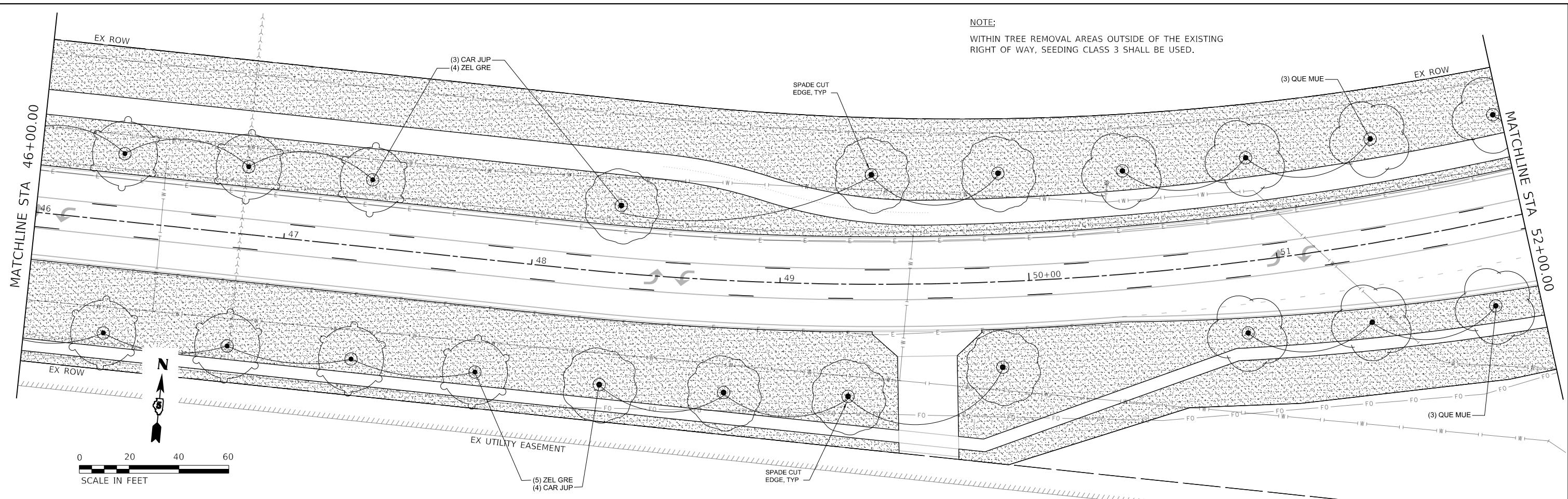
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
 LANDSCAPE PLANS**

SCALE: 1"=20'    SHEET 4 OF 7 SHEETS    STA. 34+00.00 TO STA. 46+00.00

F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 147
CONTRACT NO. 91619			ILLINOIS FED. AID PROJECT	

NOTE:  
 WITHIN TREE REMOVAL AREAS OUTSIDE OF THE EXISTING  
 RIGHT OF WAY, SEEDING CLASS 3 SHALL BE USED.



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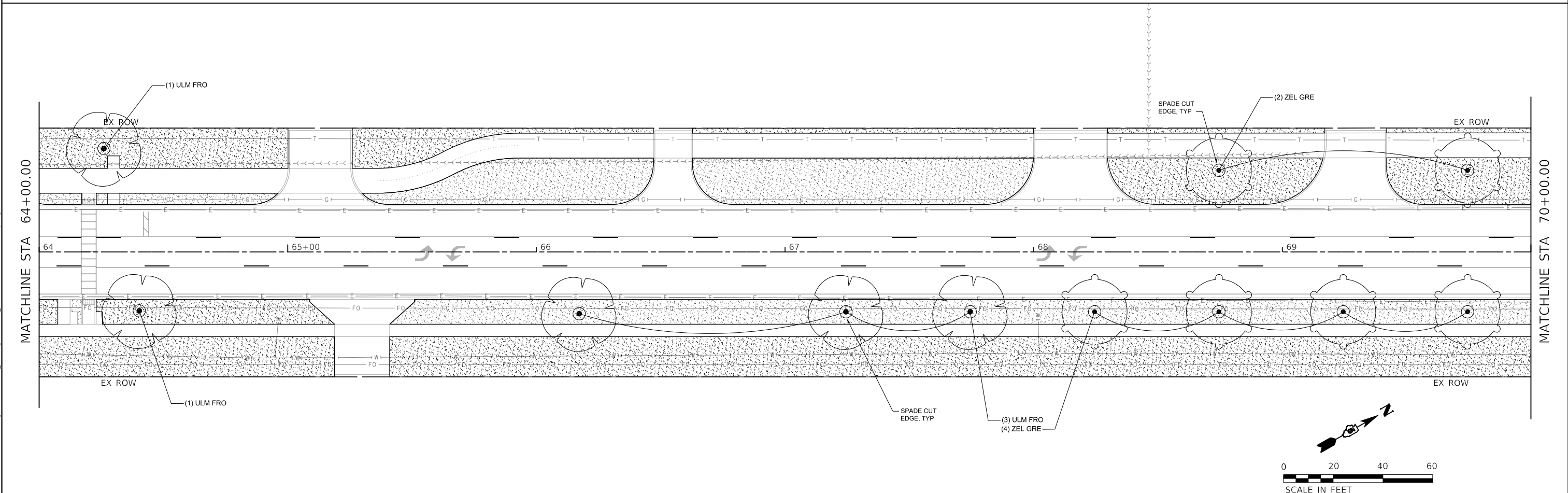
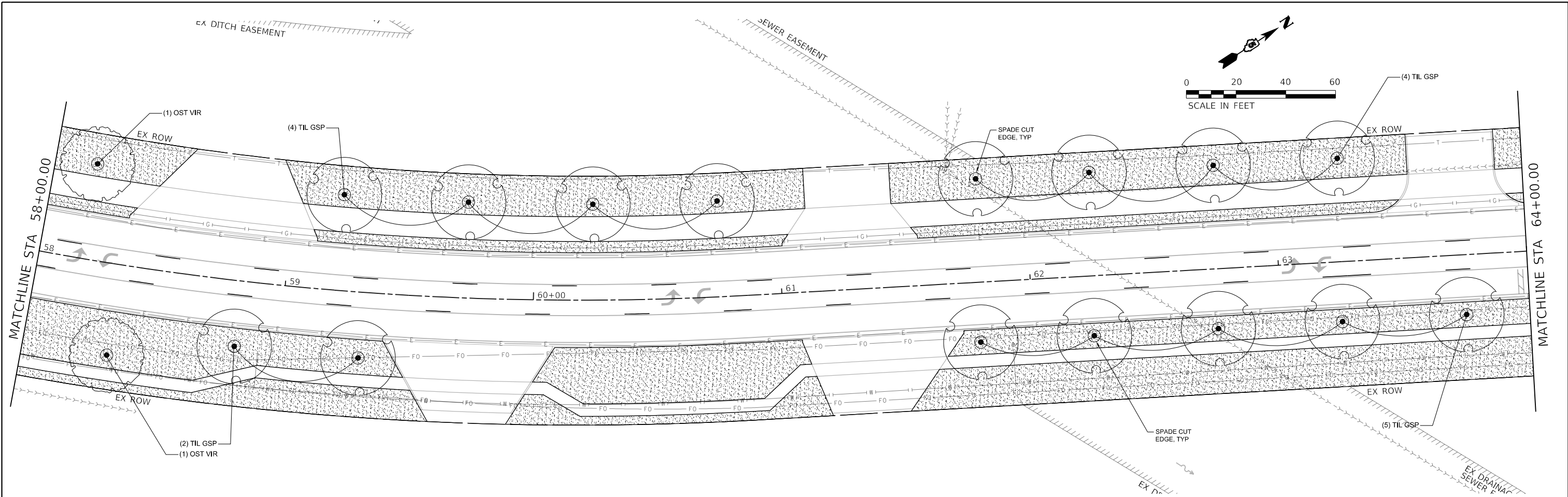
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
 LANDSCAPE PLANS**

SCALE: 1"=20' SHEET 5 OF 7 SHEETS STA. 46+00.00 TO STA. 58+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	148
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				





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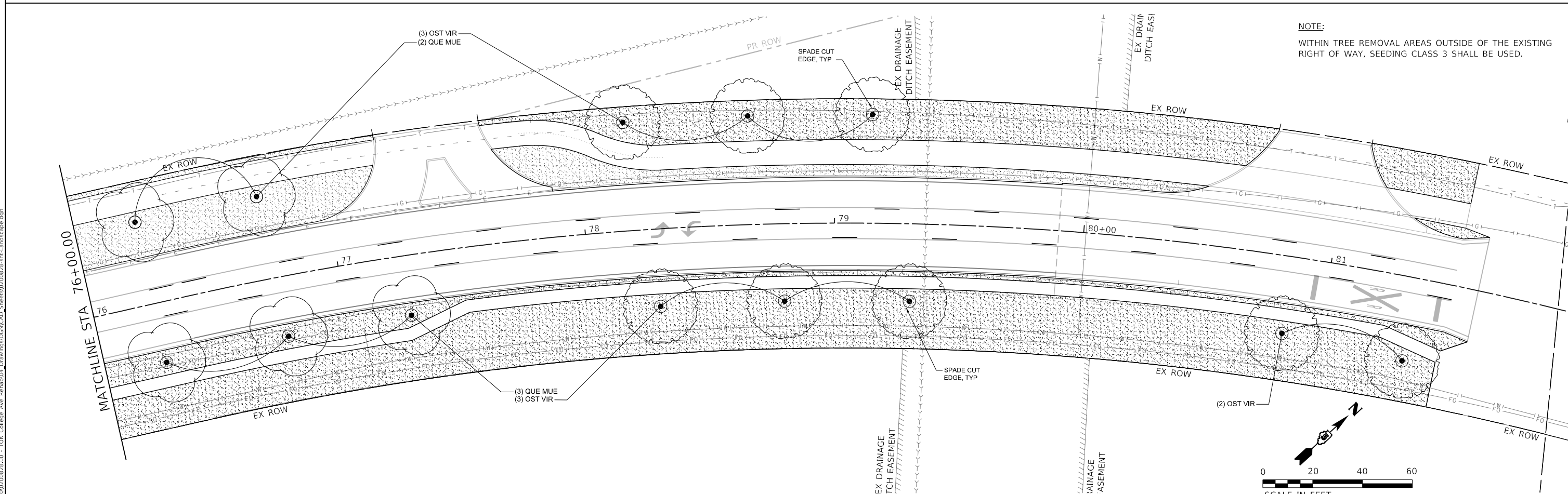
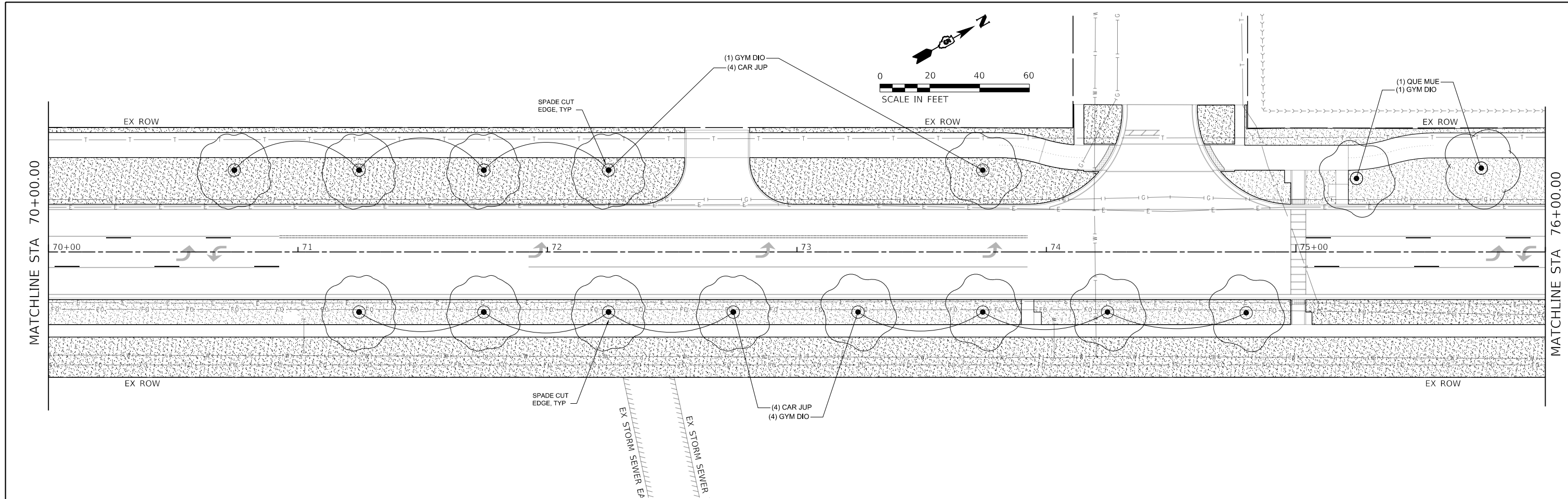
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	DATE - 11/09/2023	REVISD -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
 LANDSCAPE PLANS**

SCALE: 1"=20'    SHEET 6 OF 7 SHEETS    STA. 58+00.00 TO STA. 70+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	149
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



**NOTE:**  
 WITHIN TREE REMOVAL AREAS OUTSIDE OF THE EXISTING  
 RIGHT OF WAY, SEEDING CLASS 3 SHALL BE USED.

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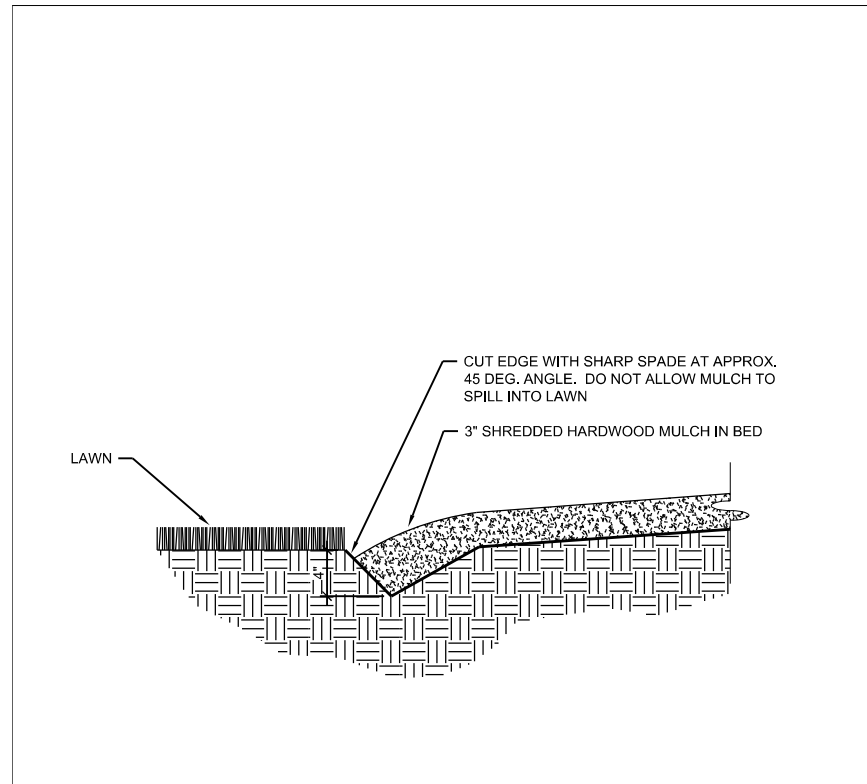
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

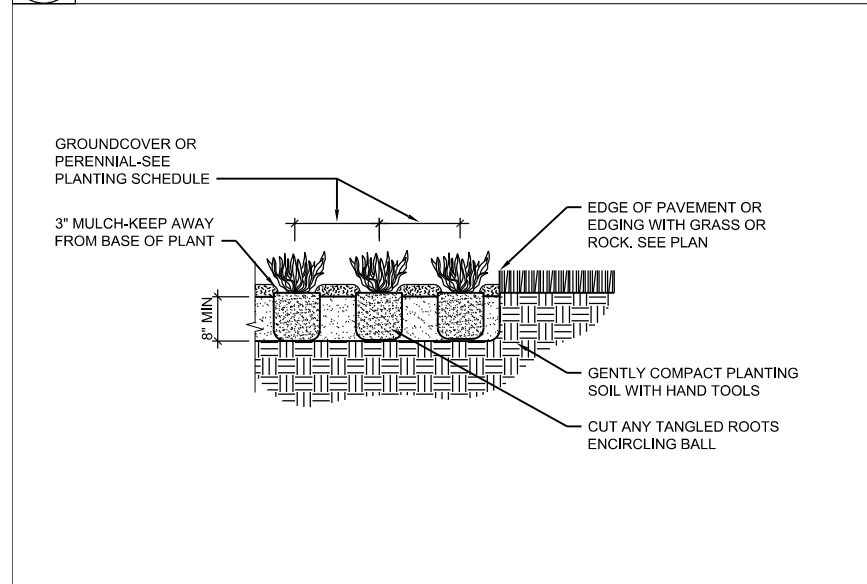
**WEST COLLEGE AVENUE  
 LANDSCAPE PLANS**

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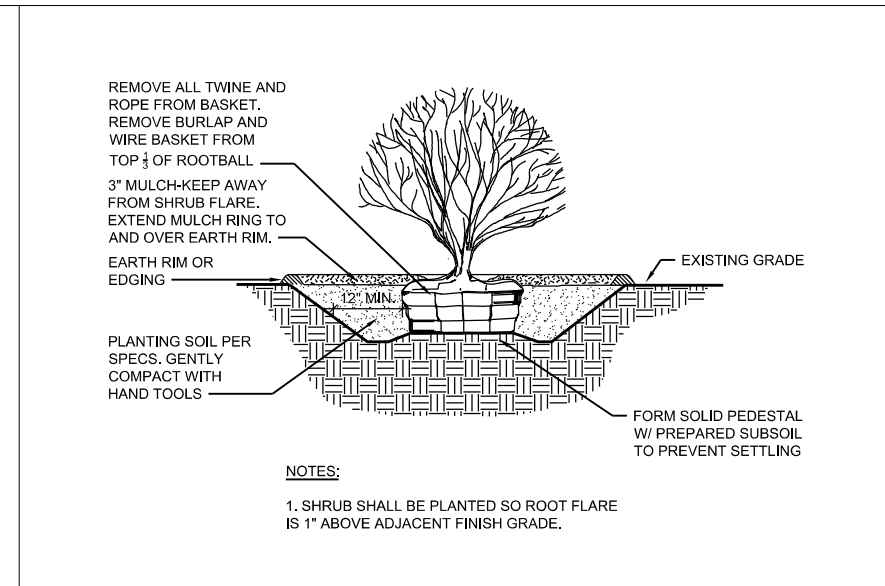
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CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



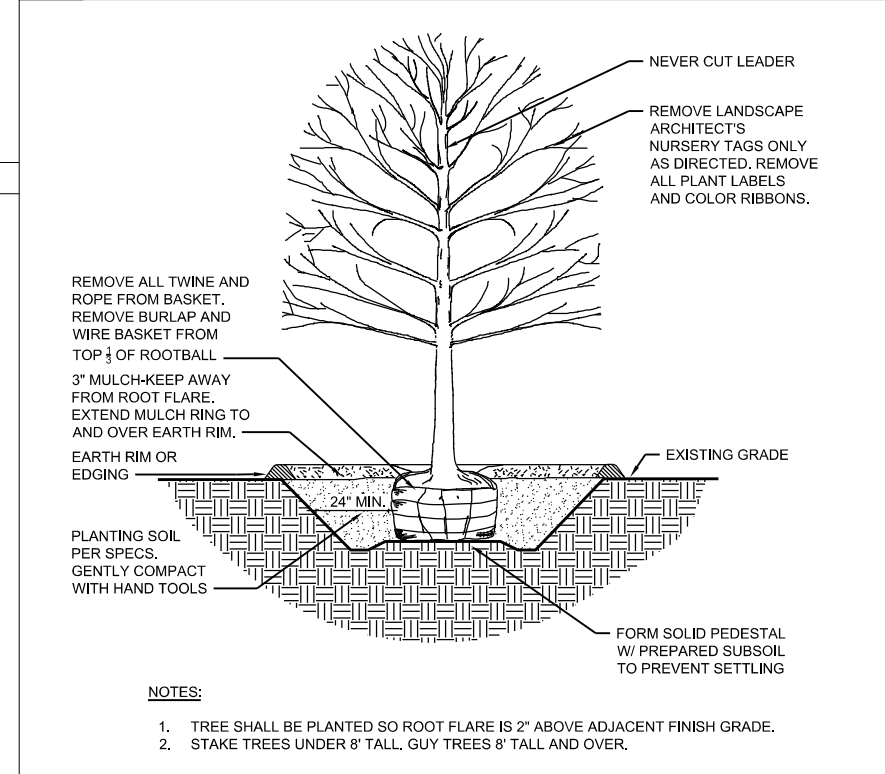
**4 SPADE CUT EDGING**  
SCALE: NTS



**3 PERENNIAL PLANTING**  
SCALE: NTS



**2 SHRUB PLANTING**  
SCALE: NTS



**1 DECIDUOUS TREE PLANTING**  
SCALE: NTS

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 91619				
		ILLINOIS	FED. AID PROJECT	

### PLANT SCHEDULE

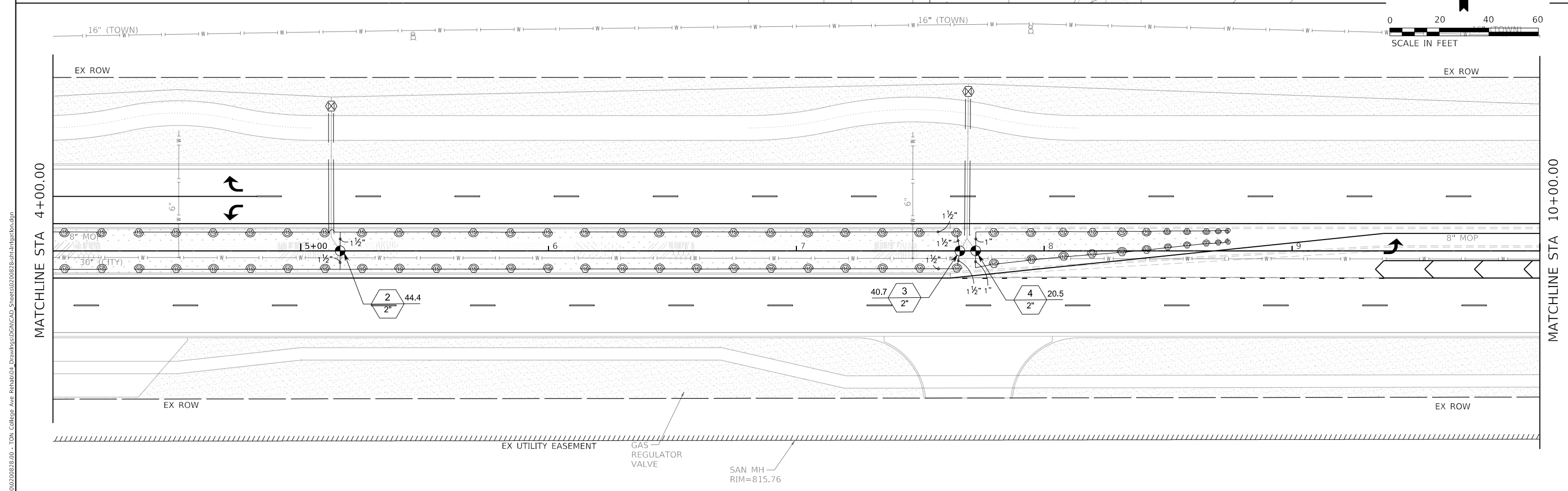
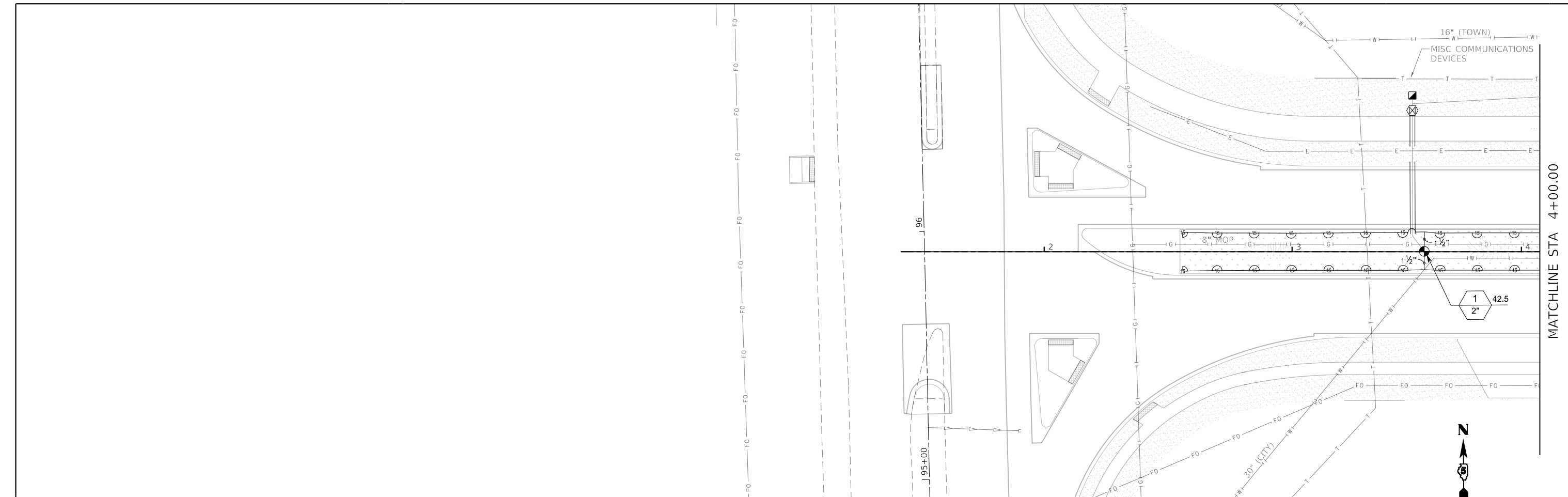
TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE
CAR JUP	38	Carpinus caroliniana 'J.N. Upright'™	Firespire American Hornbeam	1.5" Cal
NYS DIO	23	Gymnocladus dioica 'Espresso'	Kentucky Coffeetree	2" Cal
OST VIR	23	Nyssa sylvatica	Tupelo	1.5" Cal
QUE MUE	31	Ostrya virginiana	American Hophornbeam	2" Cal
TIL GSP	23	Quercus muehlenbergii	Chinkapin Oak	1.5" Cal
ULM FRO	30	Tilia cordata 'Greenspire'	Greenspire Littleleaf Linden	2" Cal
ZEL GRE	18	Ulmus x 'Frontier'	Frontier Elm	1.5" Cal
	15	Zelkova serrata 'Green Vase'	Green Vase Sawleaf Zelkova	1.5" Cal
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE
ARO MOR	27	Aronia melanocarpa 'Morton'	Ironquids Beauty™ Black Chokeberry	24" Tall
LON RIV	33	Diervilla x 'G2X88544'	Kodiak® Orange Diervilla	24" Tall
HYD LIT	82	Hydrangea paniculata 'SMHPLQF'	Little Quick Fire® Panicle Hydrangea	18" Tall
WEI DAR	73	Wetzelia florida 'Dark Horse'	Dark Horse Wetzelia	18" Tall
ORNAMENTAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE
CAL OVD	260	Calamagrostis x acutiflora 'Overdam'	Overdam Feather Reed Grass	1 gal
PAN SHD	251	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	1 gal

GROUND COVERS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
	MULCH1	13,637 sf	Mulch SEE SPECIAL PROVISIONS FOR MORE INFORMATION	Shredded Hardwood	mulch	
	TUR SEE	400,064 sf	Turf Seed SEE SPECIAL PROVISIONS FOR MORE INFORMATION	Tall Fescue Mix Seed	Seed	
	TUR SOD	17,483 sf	Turf Sod SEE SPECIAL PROVISIONS FOR MORE INFORMATION	Tall Fescue Mix Sod	Sod	
PERENNIALS	CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
	ACH MOO	120	Achillea x 'Moonshine'	Moonshine Yarrow	1 gal	18" o.c.
	COR ZAG	97	Coreopsis verticillata 'Zagreb'	Zagreb Tickseed	1 gal	18" o.c.
	ECH SSR	198	Echinacea x 'Balsomsed'	Sombrero® Salsa Red Coneflower	1 gal	18" o.c.
	LEU SCP	164	Leucanthemum x superbum 'Snowcap'	Snowcap Shasta Daisy	1 gal	12" o.c.
	NEP WAL	123	Nepeta x faassenii 'Walker's Low'	Walker's Low Catmint	1 gal	24" o.c.
	PER LLA	118	Perovskia atriplicifolia 'Little Lace'	Little Lace Russian Sage	1 gal	18" o.c.
	PHL DTM	86	Phlox paniculata 'Ditomfra'	Bubblegum Pink™ Garden Phlox	1 gal	18" o.c.
	RUD KVT	129	Rudbeckia fulgida 'Blouv'	Vlette's Little Suzy Coneflower	1 gal	18" o.c.
	SED NEO	104	Sedum x 'Neon'	Neon Sedum	1 gal	18" o.c.

GENERAL	LAYOUT
1. BASE SURVEY INFORMATION SUPPLIED BY OTHERS. ALL QUANTITIES AND DESIGN ARE BASED UPON THE PROVIDED SURVEY.	19. ALL LAYOUT WORK MUST BE REVIEWED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF HARDCAPE, IRRIGATION SYSTEM OR PLANTING/LANDSCAPE ITEMS.
2. PRIOR TO THE START OF ANY WORK, THE CONTRACTOR SHALL NOTIFY J.U.L.L.E., OWNER AND GENERAL CONTRACTOR (IF ANY) FOR THE PROPER MARKING/LOCATION OF ALL EXISTING UTILITIES: PUBLIC AND PRIVATE.	20. USING THE DRAWINGS AS A GUIDE, THE LANDSCAPE CONTRACTOR SHALL PAINT, FLAG OR STAKE ALL PAVEMENT EDGES, WALL LOCATIONS AND/OR BEDLINES FOR LANDSCAPE ARCHITECT'S REVIEW. CONTACT THE LANDSCAPE ARCHITECT AND IRRIGATION CONTRACTOR (IF ANY) A MINIMUM OF 7 DAYS PRIOR TO LAYOUT TO COORDINATE A FIELD MEETING FOR REVIEW.
3. ANY DAMAGE TO EXISTING PROPERTIES SHALL BE REPAIRED AND OR REPLACED AT (SUB)CONTRACTOR'S EXPENSE. CONTRACTOR IS ENCOURAGED TO TAKE PERIODIC RECORD PHOTOGRAPHS (I.E. PRE-CONSTRUCTION, DURING AND POST-CONSTRUCTION) OF SITE CONDITIONS & DESIGN ELEMENTS: PAVEMENTS, HARDCAPE, NEW & EXISTING PLANTS AND OTHER SITE ELEMENTS.	21. THE CONTRACTOR SHALL VERIFY ALL DISTANCES AND DIMENSIONS IN THE FIELD AND BRING ANY DISCREPANCIES TO THE ATTENTION OF THE LANDSCAPE ARCHITECT FOR A DECISION PRIOR TO COMMENCING WITH THE WORK.
4. WHEN APPLICABLE, CONSTRUCTION BARRIERS SHALL BE ERECTED TO PROTECT THE PROPOSED WORK AND THE PUBLIC AND TO PROVIDE SECURITY.	22. ALL WRITTEN DIMENSIONS SUPERSEDE ALL SCALED DISTANCES AND DIMENSIONS. DIMENSIONS SHOWN ARE FROM THE FACE OF WALL, EDGE OF STRUCTURE SLAB, BACK OF CURB, PROPERTY LINE OR EDGE OF WALK UNLESS OTHERWISE NOTED ON THE DRAWINGS.
5. ALL WORK AND OPERATIONS SHALL COMPLY WITH CURRENT SAFETY PRACTICES, CODES OR ORDINANCES AS DICTATED BY FEDERAL (O.S.H.A.), STATE, AND LOCAL (CITY OR COUNTY) SAFETY CODES AND ORDINANCES, AS WELL AS THOSE OF THE OWNER AND/OR GENERAL CONTRACTOR. IT IS THE (SUB) CONTRACTOR'S RESPONSIBILITY TO LEARN AND COMPLY WITH CODES, ORDINANCES AND JOB SITE RULES.	23. WALK SCORING AND EXPANSION JOINTS, IF PART OF THE LANDSCAPE SCOPE, SHALL BE LOCATED IN THE FIELD AS INDICATED ON THE DRAWINGS, OR AS FIELD ADJUSTED UNDER THE SUPERVISION OF THE LANDSCAPE ARCHITECT.
6. ALL TRADES SHALL COORDINATE AND COLLABORATE WITH EACH OTHERS WORK SO THAT THE FLOW OF WORK IS MAINTAINED AND ONE CRAFTSMAN'S WORK IS NOT UNFAIRLY DELAYED. TIME IS OF THE ESSENCE. CONTRACTORS MUST START WORK UPON NOTICE TO PROCEED AND REMAIN ON-SITE FOR THE COMPLETION OF THEIR SCOPE OF WORK AS AND WHEN THE SITE IS AVAILABLE TO THEM.	FINISH GRADING
7. CONTRACTORS SHALL VISIT THE SITE PRIOR TO START OF WORK TO COMPLETELY FAMILIARIZE THEMSELVES WITH EXISTING AS WELL AS PROPOSED CONDITIONS.	24. FOR SOIL PREPARATIONS PRIOR TO AND DURING GRADING OPERATIONS, REFER TO SPECIAL PROVISIONS.
8. CONTRACTOR TO FOLLOW NORMAL CLIENT, CITY OR VILLAGE WORKDAY HOURS (TYPICALLY BETWEEN 7 AM AND 6 PM), WEEKEND WORK TO BE IN COMPLIANCE WITH LOCAL CODES (WHERE APPLICABLE) AND COORDINATED WITH THE CLIENT FOR SITE ACCESS. NOTIFY THE GENERAL CONTRACTOR (OR CLIENT) OF ALL NON-NORMAL BUSINESS HOURS OF WORK.	25. LANDSCAPE CONTRACTOR SHALL GRADE LAWN AREAS AND PLANTING BEDS PER THE GRADING PLAN. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE LANDSCAPE ARCHITECT.
9. ALL WORK SHALL COMPLY WITH CURRENT O.S.H.A. REQUIREMENTS AND THE AMERICAN WITH DISABILITIES ACT FOR PHYSICALLY HANDICAPPED PEOPLE.	26. PROVIDE ALL GRADES FOR NATURAL WATER RUN-OFF WITHOUT LOW SPOTS. PUDLES OR POCKETS. ACCURATELY SET FLOW LINE GRADES AT A ¼" PER FOOT (2%) MINIMUM UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
10. THE CONTRACTOR IS RESPONSIBLE FOR SECURING AND PAYING FOR ALL REQUIRED PERMITS UNLESS OTHERWISE NOTED IN THE DRAWINGS OR SPECIFICATIONS.	27. FINISH GRADES SHALL BE SMOOTH, EVEN AND ON A UNIFORM PLANE WITH NO ABRUPT CHANGES IN THE SURFACE. SLOPE TO RUN UNIFORMLY BETWEEN GIVEN SPOT ELEVATIONS.
11. CONTRACTOR IS RESPONSIBLE FOR PROVIDING SANITARY FACILITIES FOR THEIR CREWS IF NONE ARE PROVIDED.	28. WHERE GRADES ARE NOT INDICATED BETWEEN TWO GIVEN GRADE OR ELEVATION POINTS, GRADES ALONG THAT LINE SHALL BE UNIFORM; EITHER LEVEL OR SLOPED PER THE GRADING PLAN AND AT AN APPROPRIATE RELATIONSHIP TO ADJACENT PAVEMENTS, CURBS, EDGES OR DRAINAGE STRUCTURES.
12. CONTRACTOR AND ALL SUB-CONTRACTORS ARE EXPECTED TO MAINTAIN THE CLIENT'S ACCESS TO ALL DRIVEWAYS, WALKS AND DOORWAYS.	29. TOPS AND TOES OF ALL SLOPES SHALL BE ROUNDED TO PRODUCE A GRADUAL AND NATURAL APPEARANCE WITH EASED TRANSITIONS BETWEEN RELATIVELY LEVEL AREAS AND SLOPES.
13. CONTRACTOR AND ALL SUB-CONTRACTORS WILL POLICE THE SITE AND THEIR RESPECTIVE WORK EFFORTS AT THE END OF EACH WORK DAY IN ORDER TO MAINTAIN A CLEAN, NEAT AND ORDERLY WORK SITE. SITE CLEAN-UP IS REQUIRED ON A DAILY BASIS AS WELL AS AT PROJECT CONCLUSION. THE CONTRACTOR SHALL PROTECT THE PROPERTY OF THE OWNER AND SAFETY AND WORK OF OTHER CONTRACTORS BY LEAVING THE PROJECT SITE AS FREE OF DEBRIS. CONSTRUCTION MATERIALS AND TOOLS AND OTHER ITEMS AS POSSIBLE FOR A NEAT AND ORDERLY APPEARANCE AT ALL TIMES. PLANT DEBRIS (LEAVES, TWIGS), DIRT AND DEBRIS SHALL BE SWEEPED FROM HAR DSCAPES, DIRT CLODS, ROCKS, TWIGS/BRANCHES ETC. REMOVED FROM LAWN AREAS. THE CONTRACTOR SHALL ALSO BE DIRECTLY RESPONSIBLE FOR ALL DAMAGE CAUSED BY THE ACTIVITIES AND FOR THE DAILY REMOVAL OF ALL TRASH AND DEBRIS FROM HIS WORK AREA TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT. THE OWNER MAY ELECT TO RETAIN PROGRESS AND/OR FINAL PAYMENT(S) UNTIL SITE CLEAN-UP CONDITIONS ARE MET.	30. ALL PLANTING AREAS, INCLUDING LAWN AREAS, SHALL BE TRUE TO GRADE WITHIN ONE (1) INCH WHEN TESTED WITH A TEN (10) FOOT STRAIGHT EDGE.
14. FIELD VERIFICATION: THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO BIDDING AND REPORT ANY DISCREPANCIES TO THE OWNER OR HIS REPRESENTATIVE.	31. HOLD FINISH GRADES BELOW TOP OF ADJACENT PAVEMENT, HEADERS, CURBS, OR WALL PER THE FOLLOWING UNLESS INDICATED OTHERWISE ON SPECIFIC DRAWINGS OR DETAILS: a. MULCH, SHREDDED WOOD OR COMPOST: 1 INCH. ALLOW MULCH LAYER TO TUCK AGAINST SOLID EDGE. KEEP SOIL LEVEL TWO INCHES MINIMUM BELOW MULCH LEVEL AT THESE CONDITIONS. b. MULCH, STONE AGGREGATE: 1 INCH. ALLOW STONE MULCH TO STAY WELL BELOW ADJACENT HARDCAPE ELEMENT. KEEP SOIL LEVEL A MINIMUM OF TWO INCHES BELOW TOP OF MULCH. c. SEEDED LAWN AREAS: 3/4 inch d. SODDED LAWN AREAS: 1 inch
15. THE CONTRACTOR SHALL PROVIDE, AT THEIR OWN EXPENSE, TEMPORARY PROTECTION FOR LANDSCAPE CONSTRUCTION AREAS UNTIL ISSUANCE OF SUBSTANTIAL COMPLETION. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO SECURE, PROTECT AND OTHERWISE MINIMIZE OPPORTUNITIES FOR ACCIDENTS, THEFT AND VANDALISM. CONTRACTOR SHALL PROVIDE BARRICADES, TEMPORARY FENCING, SIGNS, AND WRITTEN WARNING OR POLICING AS MAY BE REQUIRED TO PROTECT SUCH AREAS. THE CONTRACTOR SHALL ISSUE WRITTEN WARNINGS TO OWNER WHEN APPLICABLE. AFTER SUCH WARNINGS ARE ISSUED, THE CONTRACTOR SHALL NOT BE RESPONSIBLE FOR ANY DAMAGE CAUSED BY THE OWNER OR THE OWNER'S EMPLOYEES, GUESTS OR FACILITY USERS.	SEQUENCE 31. PLACEMENT OF ALL SILT FENCE FILTERS AND PROTECTION DEVICES. 32. STRIPPING AND STOCKPILING AND/OR IMPORTING OF TOPSOIL AND ROUGH GRADING. 33. AMENDMENT AND FINE GRADING OF PLANTING SOILS. 34. FINAL GRADING AND CONSTRUCTION OR ESTABLISHMENT OF PERMANENT PAVEMENT AND VEGETATION IN ACCORDANCE WITH THE DESIGN DRAWINGS.
16. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND PROTECT ALL EXISTING ABOVE AND BELOW GROUND UTILITIES, INCLUDING FIBER OPTIC LINES, WITHIN THE LIMITS OF CONSTRUCTION. ANY DAMAGE TO UTILITIES AS A RESULT OF CONSTRUCTION SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE WITHIN A REASONABLY SHORT PERIOD OF TIME, AND WITH AS LITTLE INCONVENIENCE TO THE OWNER AS POSSIBLE.	PLANTING 35. FOR ADDITIONAL INFORMATION REGARDING PLANTING REFER TO SPECIAL PROVISIONS AND STANDARD IDOT SPECIFICATION.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF CROWNS, TRUNKS AND ROOTS OF EXISTING TREES, SHRUBS, LAWNS, PAVED AREA AND OTHER EXISTING LANDSCAPED AREAS THAT ARE TO REMAIN, EXISTING TREES, WHICH MAY BE SUBJECT TO CONSTRUCTION DAMAGE, SHALL BE BOXED, FENCED, OR OTHERWISE PROTECTED BEFORE ANY WORK IS STARTED. BOXING OR OTHER PROTECTION WILL BE REMOVED AT THE END OF CONSTRUCTION. DO NOT LOCATE HEAVY EQUIPMENT OR STOCKPILES WITHIN THE DRIP-LINE OF EXISTING PLANTS OR ON LAWNS. ANY DAMAGE TO PLANTINGS OR LAWN AS A RESULT OF CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE WITHIN A REASONABLY SHORT PERIOD OF TIME, AND WITH AS LITTLE INCONVENIENCE TO THE OWNER AS POSSIBLE.	TURF 36. FOR ADDITIONAL INFORMATION REGARDING SEED/SOD REQUIREMENTS FOR ALL TURF AREAS REFER TO SPECIAL PROVISIONS AND STANDARD IDOT SPECIFICATIONS.
18. NOTIFY THE LANDSCAPE ARCHITECT AT ANY TIME WITH CONCERNS OR SUGGESTIONS CONCERNING ANY OF THESE GENERAL NOTES.	

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PLOT DATE = 11/9/2023	DATE - 11/09/2023	REVISED -



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 BLOOMINGTON, ILLINOIS 61704  
 (309) 663-8435 / info@f-w.com

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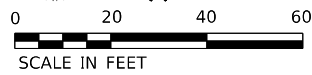
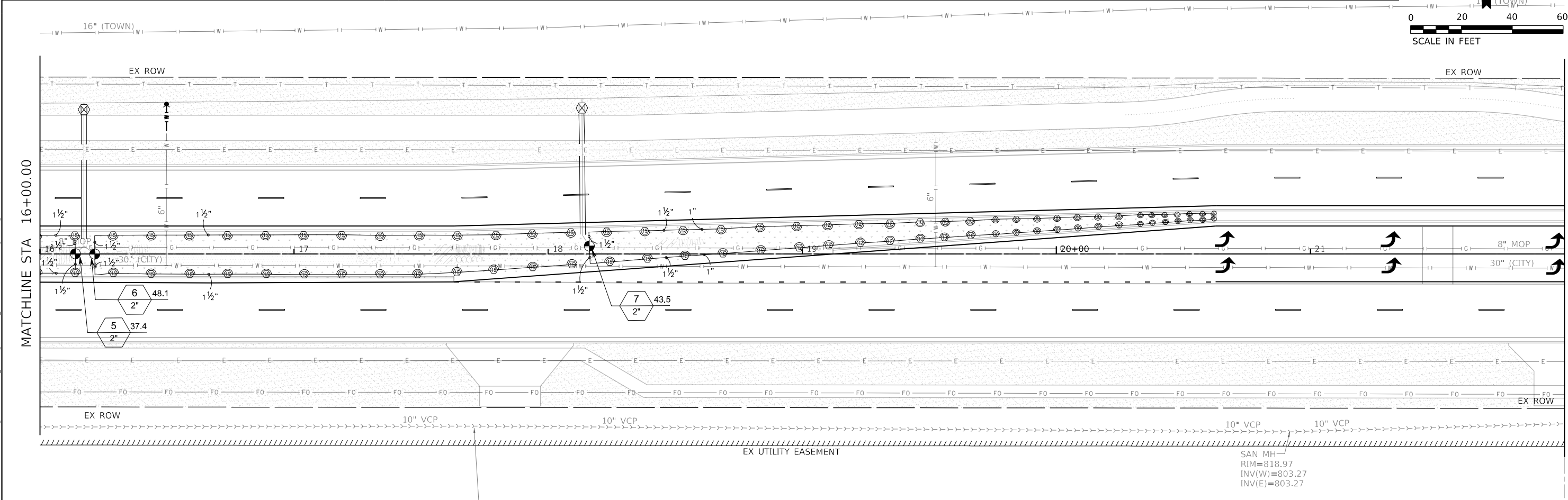
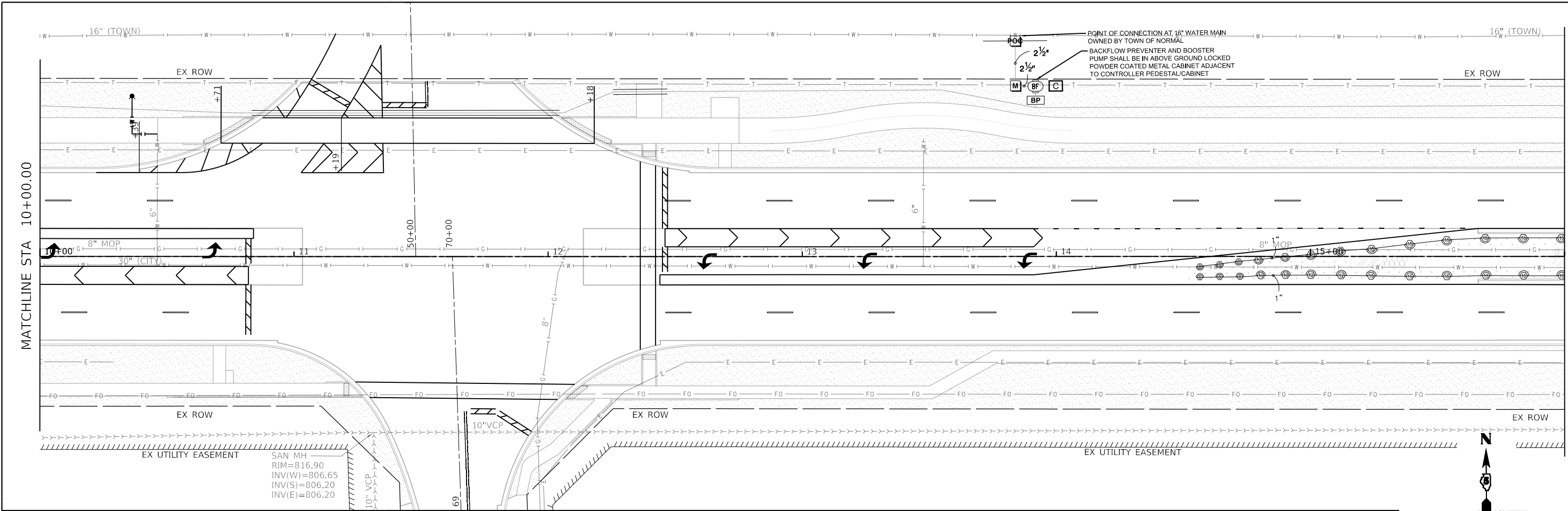
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
 IRRIGATION PLANS**

SCALE: 1"=20'    SHEET 1 OF 3 SHEETS    STA. 1+83.90 TO STA. 10+00.00

F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 153
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

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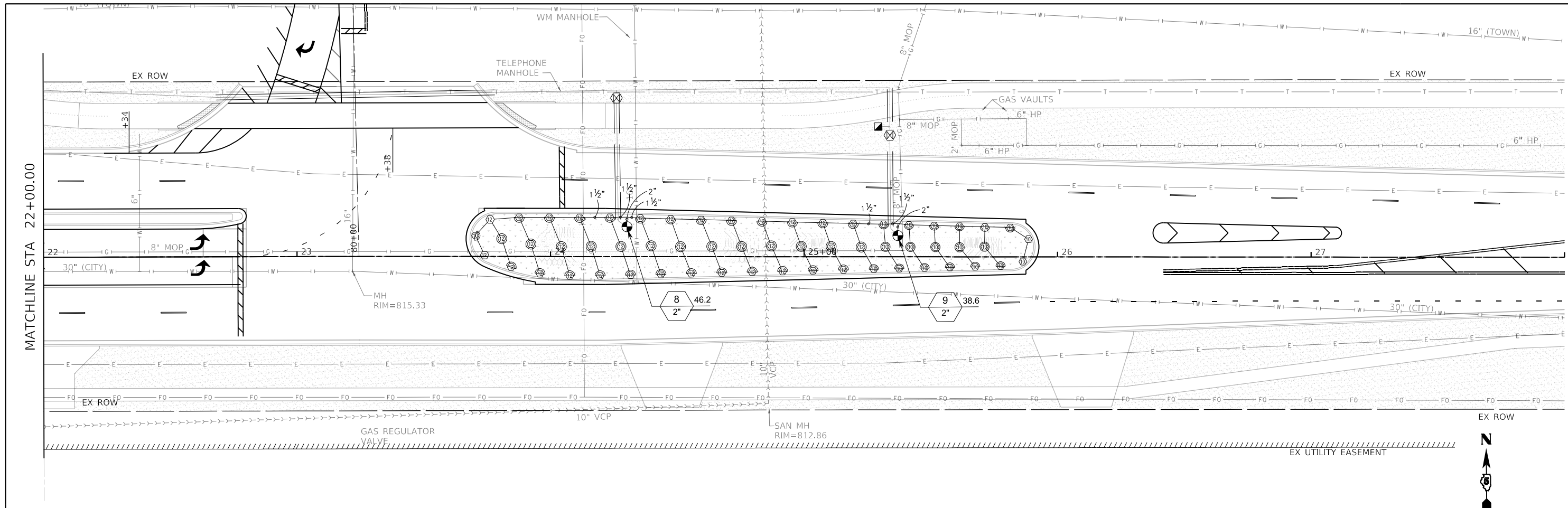
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	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
IRRIGATION PLANS**

SCALE: 1"=20'      SHEET 2 OF 3 SHEETS      STA. 10+00.00 TO STA. 22+00.00

F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 154
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



MATCHLINE STA 22+00.00

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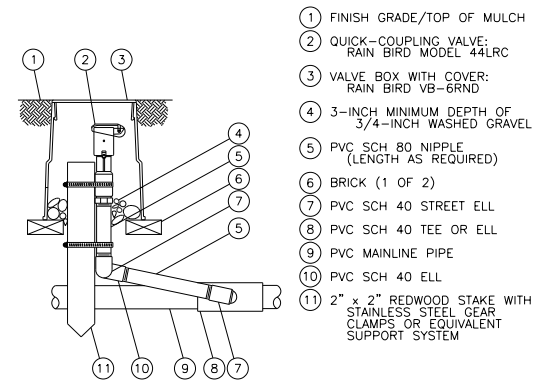
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
IRRIGATION PLANS**

SCALE: 1"=20'    SHEET 3 OF 3 SHEETS    STA. 22+00.00 TO STA. 26+00.00

F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 155
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

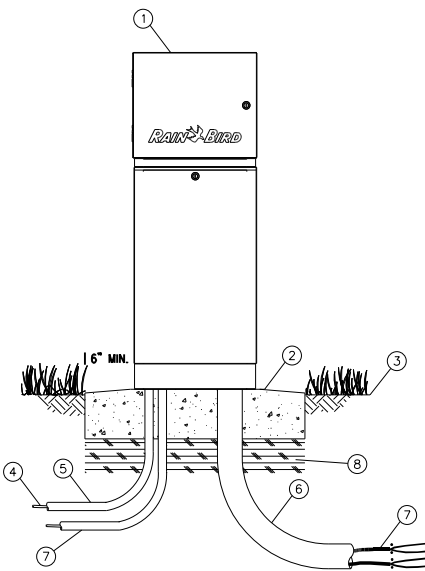
# IRRIGATION



NOTE:  
FURNISH FITTINGS AND PIPING NOMINALLY SIZED IDENTICAL TO NOMINAL QUICK COUPLING VALVE INLET SIZE.

**6 QUICK COUPLING VALVE MODEL 44RC SERIES**

SCALE: NTS



- 1 TRADITIONAL WIRE CONTROLLER: RAIN BIRD ESP-LXME2/PRO WITH LXMM METAL OR LXMMSS STAINLESS STEEL CABINET AND LXMMPED METAL OR LXMMSSPED STAINLESS STEEL PEDESTAL. INSTALL CONTROLLER, CABINET AND PEDESTAL PER MANUFACTURER'S RECOMMENDATIONS.
- 2 CONCRETE PAD: 6-INCH MINIMUM THICKNESS, 6-INCHES LARGER ON ALL SIDES THAN PEDESTAL FOOTPRINT
- 3 FINISH GRADE
- 4 POWER SUPPLY WIRE
- 5 1-INCH SCH 40 PVC CONDUIT, FITTINGS AND SWEEP ELL FOR POWER SUPPLY
- 6 3-INCH SCH 40 PVC CONDUIT, FITTINGS AND SWEEP ELL FOR LOW VOLTAGE WIRES
- 7 1-INCH SCH 40 PVC CONDUIT, FITTINGS AND SWEEP ELL FOR GROUND
- 8 COMPACTED SUBGRADE

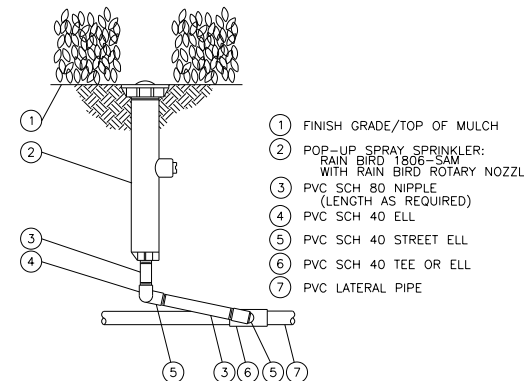
NOTES:  
1. LXME2 CONTROLLER IS AVAILABLE IN TWO MODELS. THE LXME2 AND THE LXME2-PRO. REFER TO THE CHART BELOW FOR DIFFERENCES BETWEEN THE TWO MODELS.  
2. PROVIDE PROPER GROUNDING COMPONENTS TO ACHIEVE GROUND RESISTANCE OF 10 OHMS OR LESS.

KEY SPECIFICATIONS

FEATURE	MODEL	MAX PROGRAMS	MAX STATIONS	MASTER VALVES	SECOND MASTER VALVE OR PUMP START	FLOW SENSOR/ FLOW ZONE	WEATHER SENSORS
	LXME2	40	48	1	0	0	1
	LXME2 PRO	40	48	1	1	1	1

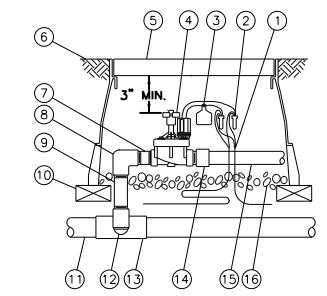
**4 ESP-LXME2/PRO CONTROLLER IN METAL PEDESTAL**

SCALE: NTS



**5 1806 POP-UP SPRAY SPRINKLER WITH ROTARY NOZZLE**

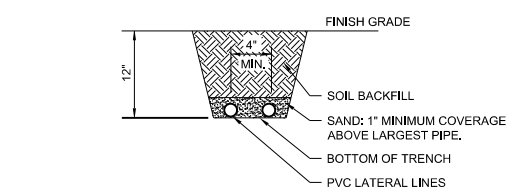
SCALE: NTS



NOTE:  
1. COIL AN ADDITIONAL 3- FEET OF TWO-WIRE CABLE IN VALVE BOX FOR EASY SERVICING.

**3 ELECTRIC REMOTE-CONTROL VALVE PEB OR PESB SERIES WITH IVM-SOL**

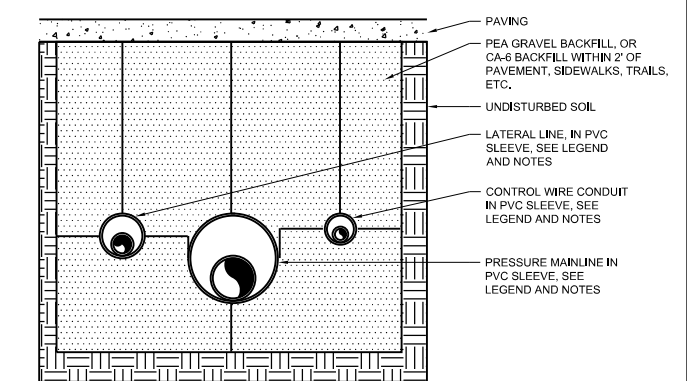
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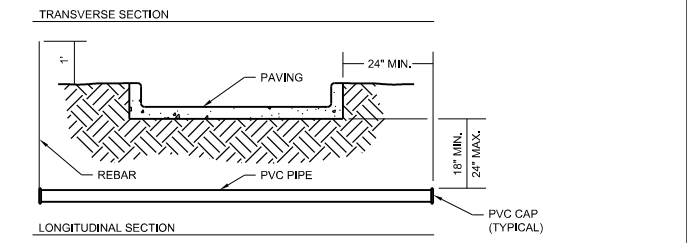
NOTE:  
1. MAXIMUM TWO LATERAL LINES PER TRENCH  
2. CONTRACTOR MAY ALSO CHOOSE TO INSTALL LATERAL LINES WITH A VIBRATORY FLOW IN LIEU OF TRENCHING

**2 LATERAL TRENCH**

SCALE: NTS



SLEEVE DIMENSION	A	B	C	D
2" TO 6" IN SIZE	36"	36"	36"	6"
8" TO 16" IN SIZE	36"	36"	36"	12"



NOTES:  
1. ALL PVC IRRIGATION SLEEVES TO BE CLASS 200 PIPE, ASTM D2241.  
2. ALL JOINTS TO BE SOLVENT WELDED AND WATERTIGHT.  
3. ONLY PEA GRAVEL IS ACCEPTABLE FOR SLEEVE CROSSINGS.  
4. MECHANICALLY TAMP TO 95% PROCTOR.  
5. SLEEVES SHALL EXTEND AT LEAST 24" PAST THE EDGE OF THE PAVING BEING CROSSED.  
6. ALL PVC SLEEVES SHALL BE TWICE THE DIAMETER OF THE PIPE OR CONDUIT BEING CARRIED INSIDE THE SLEEVE.  
7. SEE PLANS FOR PIPE SIZE AND LOCATIONS.  
8. SEE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

**1 IRRIGATION SLEEVE**

SCALE: NTS

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DRAWN - DRR  
CHECKED - ERB  
DATE - 11/09/2023

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

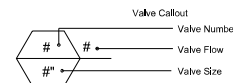
WEST COLLEGE AVENUE  
IRRIGATION DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	156
CONTRACT NO. 91619				
ILLINOIS		FED. AID PROJECT		



SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	PSI
	Rain Bird 1806-SAM-PRS 5 Series MPR Shrub Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	100	30
	Rain Bird 1806-SAM-PRS 8 Series MPR Shrub Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	108	30
	Rain Bird 1806-SAM-PRS 10 Series MPR Shrub Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	38	30
	Rain Bird 1806-SAM-PRS 12 Series MPR Shrub Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	59	30
	Rain Bird 1806-SAM-PRS 15 Series MPR Shrub Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	130	30
	Rain Bird 1806-SAM-PRS ADJ Shrub Spray 6in. Pop-Up Sprinkler with Co-Molded Wiper Seal. 1/2in. NPT Female Threaded Inlet. With Seal-A-Matic Check Valve, and Pressure Regulating Device.	4	30
SYMBOL	MANUFACTURER/MODEL/DESCRIPTION	QTY	
	Rain Bird PESB-IVM 2in. Plastic Industrial Smart Valves w/ Factory Installed IVM-SOL. Low Flow Operating Capability, Globe Configuration. With Scrubber Technology for Reliable Performance in Dirty Water Irrigation Applications.	10	
	Buckner-Superior VBM Brass Manual Angle Valve, 2in. Removable bonnet and internal assembly for easy service and cleaning. Same size as mainline.	1	
	Rain Bird 44-NP-ACME 1in. Brass Quick-Coupling Valve, with Corrosion-Resistant Stainless Steel Spring, Locking Non-Potable Purple Rubber Cover, 2-Piece Body and ACME thread on key interface.	2	
	Watts LF909M1 2" Lead Free Reduced Pressure Backflow Preventer.	1	
	Rain Bird ESPLXME2P-LXMM-LXMMPED 12 Station, Traditionally-Wired Commercial Controller w/ Factory Installed PRO Smart Module. Indoor/Outdoor. Install in LXMM-LXMMPED Powder Coated, Metal Wall-Mounted Cabinet w/ Pedestal.	1	
	Rain Bird Low Profile Pump Station 0.5 to 10 hp, up to 120 psi, up to 235 GPM. Choose the Low Profile Pump Station for small to midsize boost, flooded suction, and suction lift applications.	1	
	Irrigation Lateral Line: PVC Class 200 SDR 21	4,362 l.f.	
	Irrigation Mainline: PVC Class 200 SDR 21	2,407 l.f.	
	Pipe Sleeve: PVC Schedule 40	311.8 l.f.	



### CRITICAL ANALYSIS

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P.O.C. NUMBER: 01  
Water Source Information:

FLOW AVAILABLE  
Water Meter Size: 2"  
Flow Available: 120 GPM

PRESSURE AVAILABLE  
Static Pressure at POC: 50 PSI  
Elevation Change: 5 ft  
Service Line Size: 2 1/2"  
Length of Service Line: 18 ft  
Booster Pump pressure provided: 10 PSI  
Pressure Available: 57 PSI

DESIGN ANALYSIS  
Maximum Station Flow: 51.8 GPM  
Flow Available at POC: 120 GPM  
Residual Flow Available: 68.2 GPM

Critical Station: 1  
Design Pressure: 30 PSI  
Friction Loss: 2.28 PSI  
Fittings Loss: 0.23 PSI  
Elevation Loss: 0 PSI  
Loss through Valve: 4.8 PSI  
Pressure Req. at Critical Station: 37.3 PSI  
Loss for Fittings: 0.68 PSI  
Loss for Main Line: 6.83 PSI  
Loss for POC to Valve Elevation: 0 PSI  
Loss for Backflow: 10 PSI  
Loss for Water Meter: 1.9 PSI  
Critical Station Pressure at POC: 56.7 PSI  
Pressure Available: 57 PSI  
Residual Pressure Available: 0.27 PSI

P.O.C. NUMBER: 01  
Water Source Information:

FLOW AVAILABLE  
Water Meter Size: 2"  
Flow Available: 120 GPM

PRESSURE AVAILABLE  
Static Pressure at POC: 50 PSI  
Elevation Change: 5 ft  
Service Line Size: 2 1/2"  
Length of Service Line: 18 ft  
Booster Pump pressure provided: 10 PSI  
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DESIGN ANALYSIS  
Maximum Station Flow: 51.8 GPM  
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Residual Flow Available: 68.2 GPM

Critical Station: 1  
Design Pressure: 30 PSI  
Friction Loss: 2.28 PSI  
Fittings Loss: 0.23 PSI  
Elevation Loss: 0 PSI  
Loss through Valve: 4.8 PSI  
Pressure Req. at Critical Station: 37.3 PSI  
Loss for Fittings: 0.69 PSI  
Loss for Main Line: 6.94 PSI  
Loss for POC to Valve Elevation: 0 PSI  
Loss for Backflow: 10 PSI  
Loss for Water Meter: 1.9 PSI  
Critical Station Pressure at POC: 56.8 PSI  
Pressure Available: 57 PSI  
Residual Pressure Available: 0.16 PSI

NUMBER	MODEL	SIZE	TYPE	GPM	WIRE	PSI	PSI @ POC	PRECIP
1	Rain Bird PESB-IVM	2"	Shrub Spray	49.94	1,159	37.3	56.7	1.28 in/h
2	Rain Bird PESB-IVM	2"	Shrub Spray	51.8	949.4	37.3	56.0	1.26 in/h
3	Rain Bird PESB-IVM	2"	Shrub Spray	48.5	739.7	37.3	53.7	1.35 in/h
4	Rain Bird PESB-IVM	2"	Shrub Spray	29.26	522.6	37.3	49.4	1.43 in/h
5	Rain Bird PESB-IVM	2"	Shrub Spray	47.52	93.3	38.9	51.2	1.49 in/h
6	Rain Bird PESB-IVM	2"	Shrub Spray	48.1	271.2	37.3	50.8	1.24 in/h
7	Rain Bird PESB-IVM	2"	Shrub Spray	51.1	482.3	37.3	52.6	1.39 in/h
8	Rain Bird PESB-IVM	2"	Shrub Spray	31.22	745.7	38.9	51.8	1.36 in/h
9	Rain Bird PESB-IVM	2"	Shrub Spray	46.21	1,081	36.5	54.3	1.53 in/h
10	Rain Bird PESB-IVM	2"	Shrub Spray	38.64	1,187	36.6	52.6	1.52 in/h
Unknown	Buckner-Superior VBM Common Wire	2"			2,407	0.22	10.6	Unknown

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	DATE - 11/09/2023	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST COLLEGE AVENUE  
IRRIGATION SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	157
CONTRACT NO. 91619				
ILLINOIS		FED. AID PROJECT		

**GENERAL NOTES**

1. IMMEDIATELY AFTER THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL RESTORE ALL PERMANENT PAVEMENT MARKINGS, SIGNS, AND OTHER TRAFFIC CONTROL DEVICES THAT WERE COVERED, REMOVED, MODIFIED, DAMAGED, OR OTHERWISE AFFECTED BY CONSTRUCTION.
2. THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE IDOT SPECIAL PROVISIONS, IDOT HIGHWAY STANDARDS, IDOT STANDARD SPECIFICATIONS, PLANS, SPECIFICATIONS, AND SPECIAL PROVISIONS, AND AS INDICATED BY THE ENGINEER.
3. THE ENGINEER AND JURISDICTIONAL AGENCIES SHALL BE INFORMED ONE WEEK IN ADVANCE OF ANY CHANGE IN CONSTRUCTION STAGING.
4. THE CONTRACTOR SHALL INFORM THE TOWN OF NORMAL, RIVIAN AUTOMOTIVE, AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION A MINIMUM OF 72 HOURS (EXCLUDING WEEKENDS) PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES ON COLLEGE AVENUE AND US ROUTE 150 / RIVIAN MOTORWAY.
5. STAGED CONSTRUCTION SHALL NOT COMMENCE UNTIL ALL CONFLICTING SIGNS, PAVEMENT MARKINGS, AND TRAFFIC CONTROL DEVICES HAVE BEEN REMOVED TO THE SATISFACTION OF THE ENGINEER.
6. TEMPORARY LANE CLOSURES FOR ANY REASON SHALL BE RESTRICTED TO THE HOURS OF 7:00 AM TO 4:00 PM, OR AS APPROVED IN ADVANCE BY THE ENGINEER.
7. ALL SIDE STREETS AND ENTRANCES SHALL REMAIN OPEN TO TRAFFIC DURING CONSTRUCTION BY CONSTRUCTING APRONS HALF AT A TIME AND UTILIZING TEMPORARY AGGREGATE FOR ACCESS AT ENTRANCES AND TEMPORARY PAVEMENT AT SIDE STREETS AS NEEDED. SEE SPECIAL PROVISIONS FOR ADDITIONAL REQUIREMENTS.
8. TEMPORARY TAPE TYPE III PAVEMENT MARKINGS SHALL BE USED ON ALL FINAL PAVEMENT WEARING SURFACES WHEN PERMANENT MARKINGS ARE NOT USED. TEMPORARY PAVEMENT MARKING PAINT SHALL BE USED ELSEWHERE.
9. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN.
10. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION SHALL BE REPLACED BY THE CONTRACTOR AS INDICATED BY THE ENGINEER. SUFFICIENT QUANTITIES FOR 1 PLACEMENT AND 2 REPLACEMENTS HAVE BEEN PROVIDED FOR EACH STAGE. ALL MARKING THAT REQUIRE REPLACEMENT PRIOR TO 7 DAYS OF SERVICE OR REPLACEMENT AFTER THE SECOND REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE.
11. DRUMS OR TYPE II BARRICADES AND VERTICAL PANELS SHALL BE EQUIPPED WITH MONODIRECTIONAL STEADY BURN LIGHTS AND SHALL BE PLACED AT 25' INTERVALS ALONG PROJECT WORK ZONE AND STAGING LIMITS, AND AT 20' INTERVALS IN TAPER SECTIONS AS INDICATED ON THE PLANS OR AS INDICATED BY THE ENGINEER. TYPE II BARRICADES SHALL HAVE A MINIMUM REFLECTORIZED AREA OF 288 SQUARE INCHES AND BE 2' IN WIDTH SHALL BE USED IN ALL STAGES OF CONSTRUCTION.
12. THE FURNISHING, INSTALLING, MAINTENANCE, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD), ILLINOIS SUPPLEMENT TO THE MUTCD, IDOT SPECIAL PROVISIONS, IDOT HIGHWAY STANDARDS, IDOT STANDARD SPECIFICATIONS, PLANS, SPECIFICATIONS, AND AS INDICATED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL). ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS INDICATED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, (SPECIAL).
13. THE CONTRACTOR SHALL PROVIDE ADVANCED NOTICE CONSTRUCTION SIGNING. SIGNS SHALL BE ERECTED ONE WEEK IN ADVANCE OF THE START OF CONSTRUCTION AND SHALL BE REMOVED OR COVERED WHEN PROTECTION IS NOT REQUIRED.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING DRAINAGE OF THE PROJECT AND CORRIDOR DURING ALL STAGES OF CONSTRUCTION.
15. THE CONTRACTOR SHALL MAINTAIN EXISTING AND/OR PROPOSED ROADWAY LIGHTING AS LONG AS POSSIBLE DURING THE PROJECT.

**GENERAL NOTES (CONTINUED)**

16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL MATERIALS, EQUIPMENT, LABOR, SIGNS, AND TRAFFIC CONTROL DEVICES NECESSARY FOR THE MAINTENANCE OF TRAFFIC UNLESS NOTED OTHERWISE IN THE SPECIAL PROVISIONS.
17. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED OR COVERED FROM THE TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY.
18. THE CONTRACTOR SHALL MAINTAIN SATISFACTORY INGRESS AND EGRESS TO ADJACENT PROPERTIES THROUGHOUT THE DURATION OF CONSTRUCTION. ALL STORM SEWER LATERALS WITHIN STAGES 1A AND 1B SHALL BE INSTALLED, BACKFILLED, AND CLASS D PATCHES, 9" PLACED IN THE FIRST SUBSTAGE OF PROJECT PRIOR TO STAGE 1A. TRAFFIC SHALL BE MAINTAINED DURING INSTALLATION WITH DAY TIME FLAGGERS IN ACCORDANCE WITH IDOT STATE STANDARDS AND SPECIFICATIONS. STEEL PLATES SHALL BE FURNISHED AND INSTALLED WHERE NEEDED. NEW STORM SEWER LATERALS SHALL BE TEMPORARILY PLUGGED WHERE NO INLETS EXIST. WHERE EXISTING INLETS ARE IN PLACE, NEW STORM SEWER LATERALS SHALL BE CONNECTED INTO EXISTING INLETS. RUBBLIZATION OPERATIONS SHALL NOT TAKE PLACE OVER NEW STORM SEWER LATERALS AND CLASS D PATCHES, 9".

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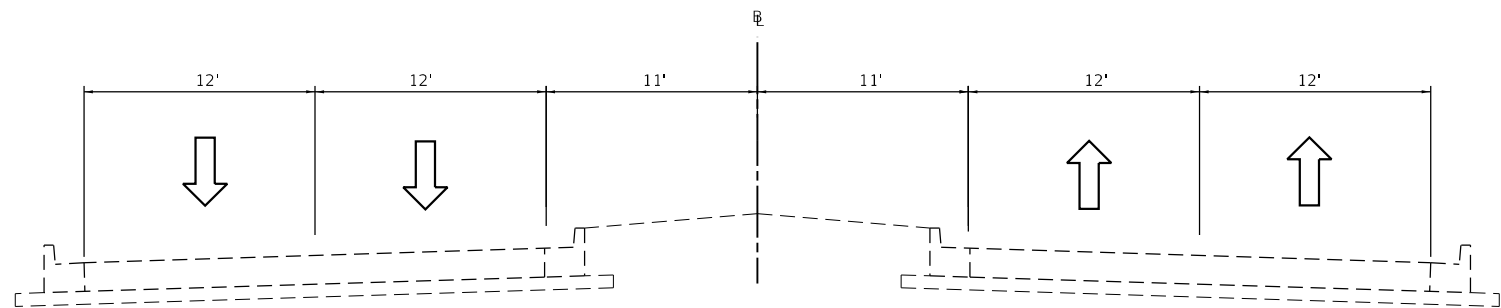
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

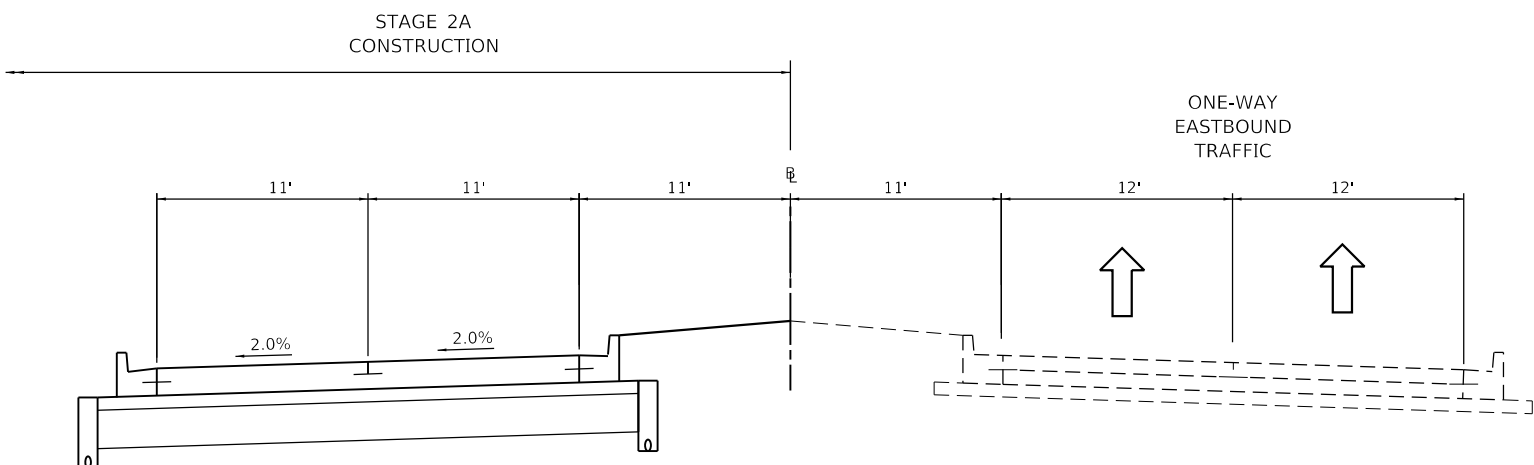
**MAINTENANCE OF TRAFFIC GENERAL NOTES**

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

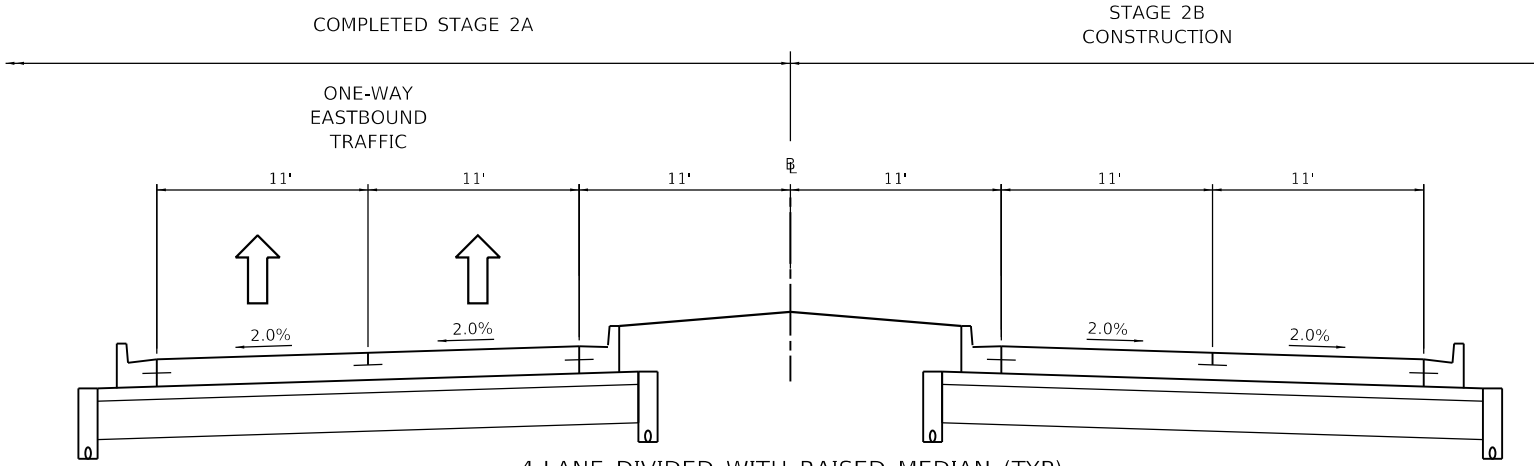
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	158
CONTRACT NO. 91619				
		ILLINOIS	FED. AID PROJECT	



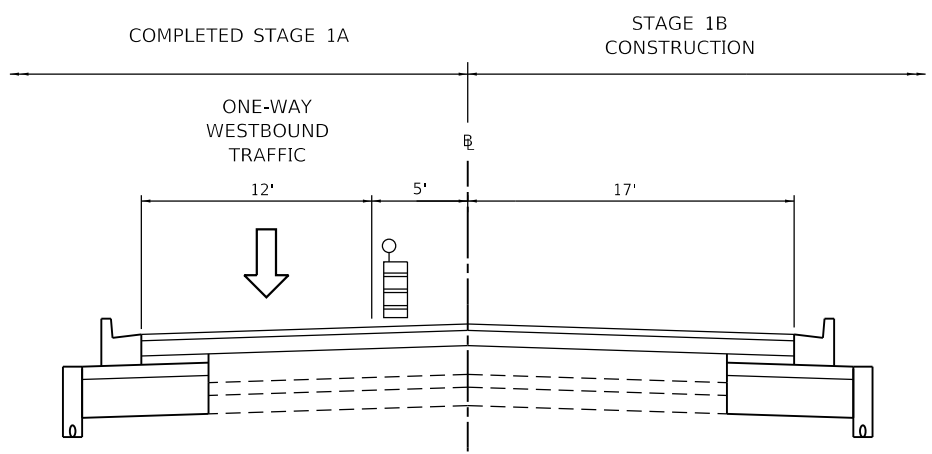
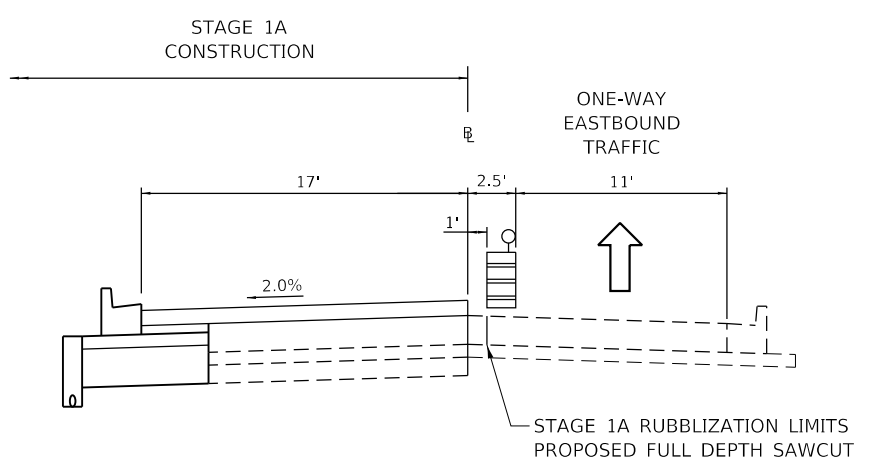
4-LANE DIVIDED WITH RAISED MEDIAN (TYP)  
STAGE 1A & 1B



4-LANE DIVIDED WITH RAISED MEDIAN (TYP)  
STAGE 2A



4-LANE DIVIDED WITH RAISED MEDIAN (TYP)  
STAGE 2B



3-LANES WITH CENTER TWO WAY LEFT TURN LANE (TYP)

- NOTES:
1. FINAL SURFACE COURSE LAYER TO BE INSTALLED FOR ALL THREE LANES IN RUBBLIZATION SECTION AFTER BINDER COURSE IS PLACED IN STAGE 1B.
  2. SEE PLAN SHEETS FOR LOCATIONS WHERE PAVEMENT WIDTH TAPERS.

MODEL: Default; FILE NAME: 20200200828.00 - TDM College Ave Rehabilitation\_Drawing\DCN\CAD\_Sheets\20200200828.sht\MOT.dgn



USER NAME = dmeyer	DESIGNED - KLM	REVISED -
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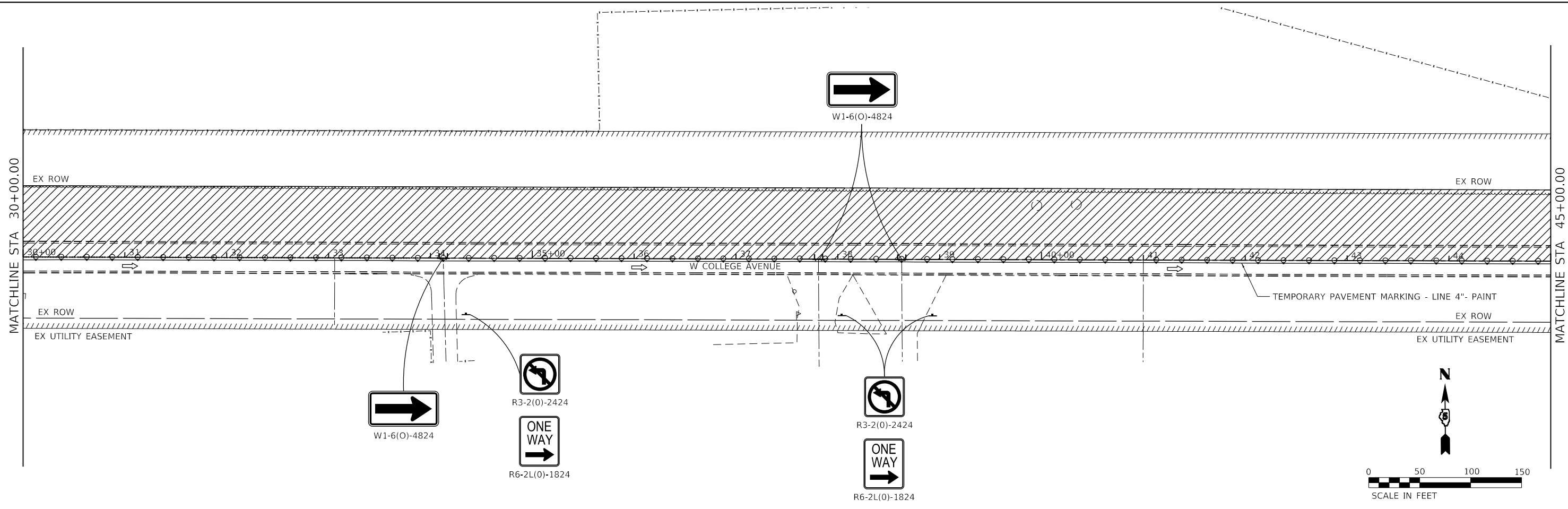
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PROPOSED MAINTENANCE OF TRAFFIC  
TOWN OF NORMAL WEST COLLEGE AVENUE

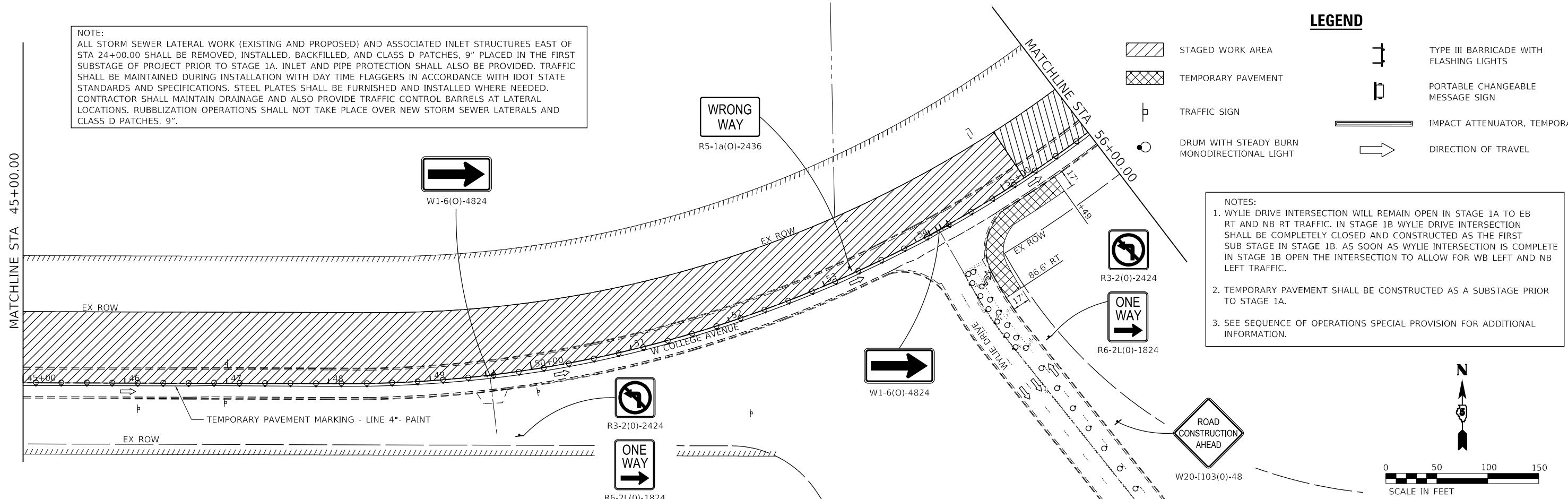
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F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 159
ILLINOIS FED. AID PROJECT			CONTRACT NO. 91619	





**NOTE:**  
 ALL STORM SEWER LATERAL WORK (EXISTING AND PROPOSED) AND ASSOCIATED INLET STRUCTURES EAST OF STA 24+00.00 SHALL BE REMOVED, INSTALLED, BACKFILLED, AND CLASS D PATCHES, 9" PLACED IN THE FIRST SUBSTAGE OF PROJECT PRIOR TO STAGE 1A. INLET AND PIPE PROTECTION SHALL ALSO BE PROVIDED. TRAFFIC SHALL BE MAINTAINED DURING INSTALLATION WITH DAY TIME FLAGGERS IN ACCORDANCE WITH IDOT STATE STANDARDS AND SPECIFICATIONS. STEEL PLATES SHALL BE FURNISHED AND INSTALLED WHERE NEEDED. CONTRACTOR SHALL MAINTAIN DRAINAGE AND ALSO PROVIDE TRAFFIC CONTROL BARRELS AT LATERAL LOCATIONS. RUBBLIZATION OPERATIONS SHALL NOT TAKE PLACE OVER NEW STORM SEWER LATERALS AND CLASS D PATCHES, 9".



**LEGEND**

- STAGED WORK AREA
- TEMPORARY PAVEMENT
- TRAFFIC SIGN
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHTS
- PORTABLE CHANGEABLE MESSAGE SIGN
- IMPACT ATTENUATOR, TEMPORARY
- DIRECTION OF TRAVEL

**NOTES:**

- WYLIE DRIVE INTERSECTION WILL REMAIN OPEN IN STAGE 1A TO EB RT AND NB RT TRAFFIC. IN STAGE 1B WYLIE DRIVE INTERSECTION SHALL BE COMPLETELY CLOSED AND CONSTRUCTED AS THE FIRST SUB STAGE IN STAGE 1B. AS SOON AS WYLIE INTERSECTION IS COMPLETE IN STAGE 1B OPEN THE INTERSECTION TO ALLOW FOR WB LEFT AND NB LEFT TRAFFIC.
- TEMPORARY PAVEMENT SHALL BE CONSTRUCTED AS A SUBSTAGE PRIOR TO STAGE 1A.
- SEE SEQUENCE OF OPERATIONS SPECIAL PROVISION FOR ADDITIONAL INFORMATION.

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**Farnsworth GROUP**  
 2709 MCGRAW DRIVE  
 BLOOMINGTON, ILLINOIS 61704  
 (309) 663-8435 / info@f-w.com

USER NAME = dmeyer	DESIGNED - KLM	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN - DRR	REVISED -
PLOT DATE = 11/9/2023	CHECKED - ERB	REVISED -
	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
 MAINTENANCE OF TRAFFIC PLAN - STAGE 1A**

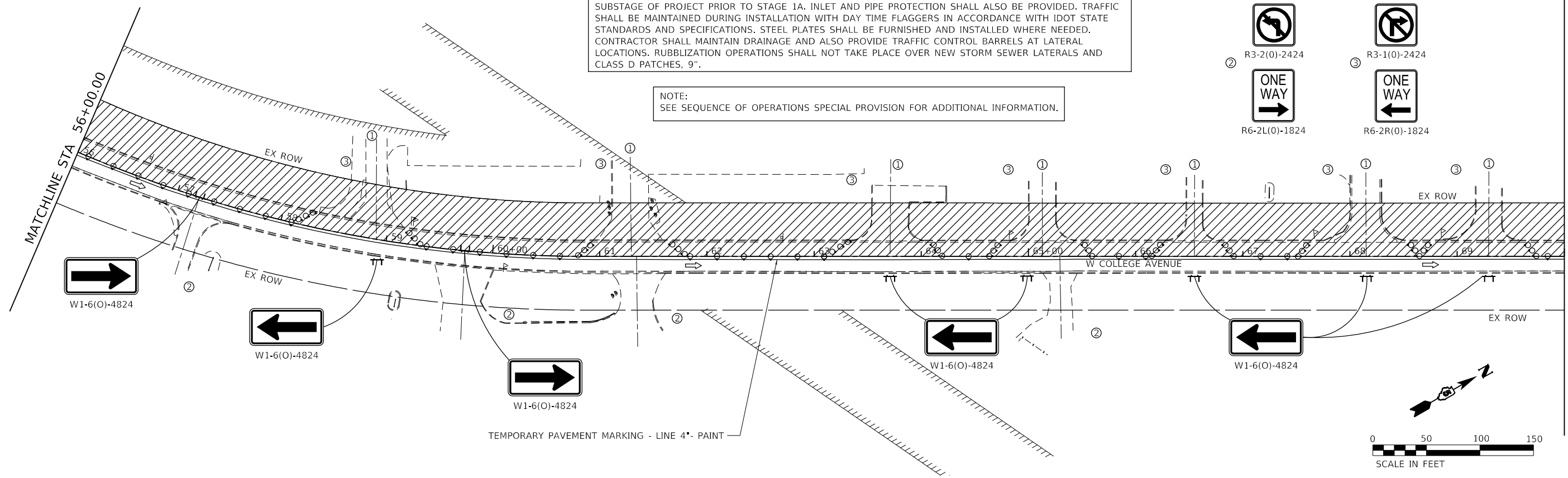
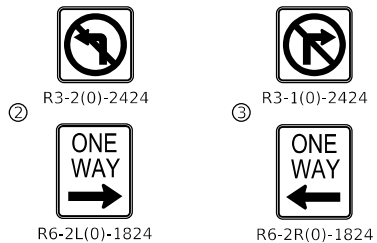
SCALE: 1" = 50'    SHEET 2 OF 4 SHEETS    STA. 30+00.00 TO STA. 56+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	161
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

NOTE:  
ALL STORM SEWER LATERAL WORK (EXISTING AND PROPOSED) AND ASSOCIATED INLET STRUCTURES EAST OF STA 24+00.00 SHALL BE REMOVED, INSTALLED, BACKFILLED, AND CLASS D PATCHES, 9" PLACED IN THE FIRST SUBSTAGE OF PROJECT PRIOR TO STAGE 1A. INLET AND PIPE PROTECTION SHALL ALSO BE PROVIDED. TRAFFIC SHALL BE MAINTAINED DURING INSTALLATION WITH DAY TIME FLAGGERS IN ACCORDANCE WITH IDOT STATE STANDARDS AND SPECIFICATIONS. STEEL PLATES SHALL BE FURNISHED AND INSTALLED WHERE NEEDED. CONTRACTOR SHALL MAINTAIN DRAINAGE AND ALSO PROVIDE TRAFFIC CONTROL BARRELS AT LATERAL LOCATIONS. RUBBLIZATION OPERATIONS SHALL NOT TAKE PLACE OVER NEW STORM SEWER LATERALS AND CLASS D PATCHES, 9".

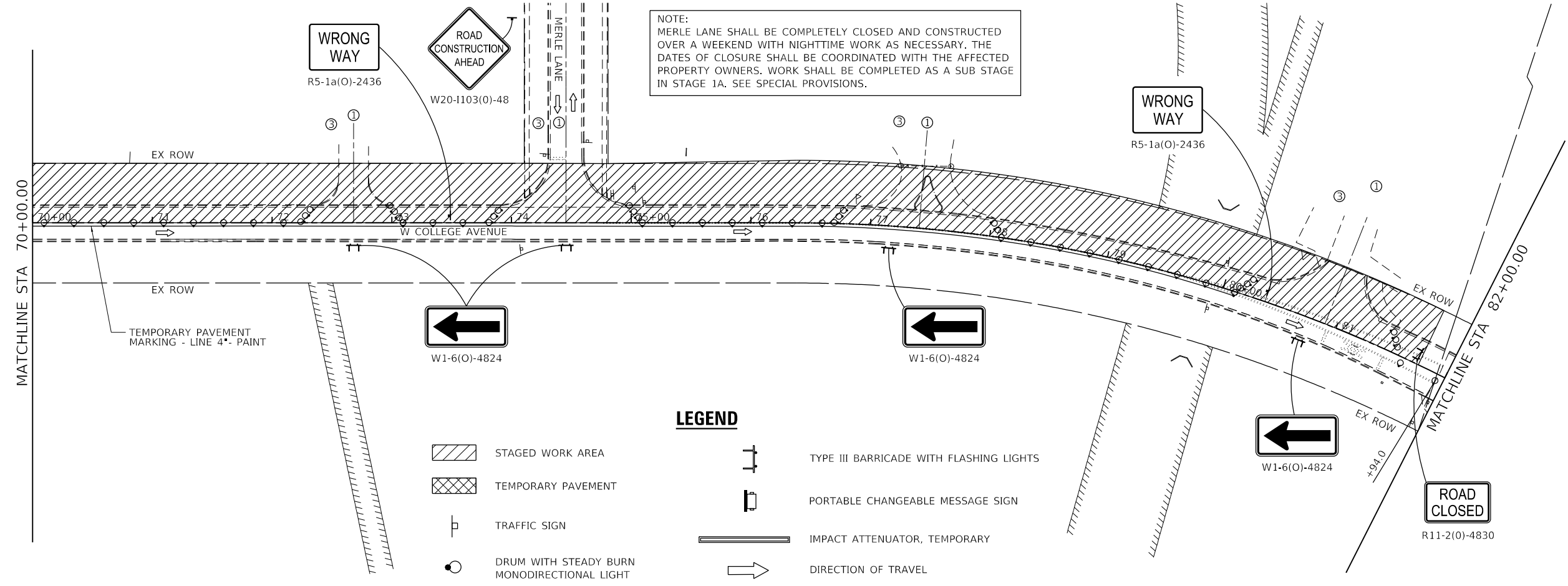
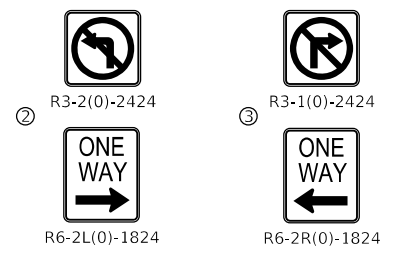
NOTE:  
SEE SEQUENCE OF OPERATIONS SPECIAL PROVISION FOR ADDITIONAL INFORMATION.

① MAINTAIN SATISFACTORY ACCESS TO ENTRANCES AT ALL TIMES.



NOTE:  
MERLE LANE SHALL BE COMPLETELY CLOSED AND CONSTRUCTED OVER A WEEKEND WITH NIGHTTIME WORK AS NECESSARY. THE DATES OF CLOSURE SHALL BE COORDINATED WITH THE AFFECTED PROPERTY OWNERS. WORK SHALL BE COMPLETED AS A SUB STAGE IN STAGE 1A. SEE SPECIAL PROVISIONS.

① MAINTAIN SATISFACTORY ACCESS TO ENTRANCES AT ALL TIMES.



**LEGEND**

- STAGED WORK AREA
- TEMPORARY PAVEMENT
- TRAFFIC SIGN
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHTS
- PORTABLE CHANGEABLE MESSAGE SIGN
- IMPACT ATTENUATOR, TEMPORARY
- DIRECTION OF TRAVEL

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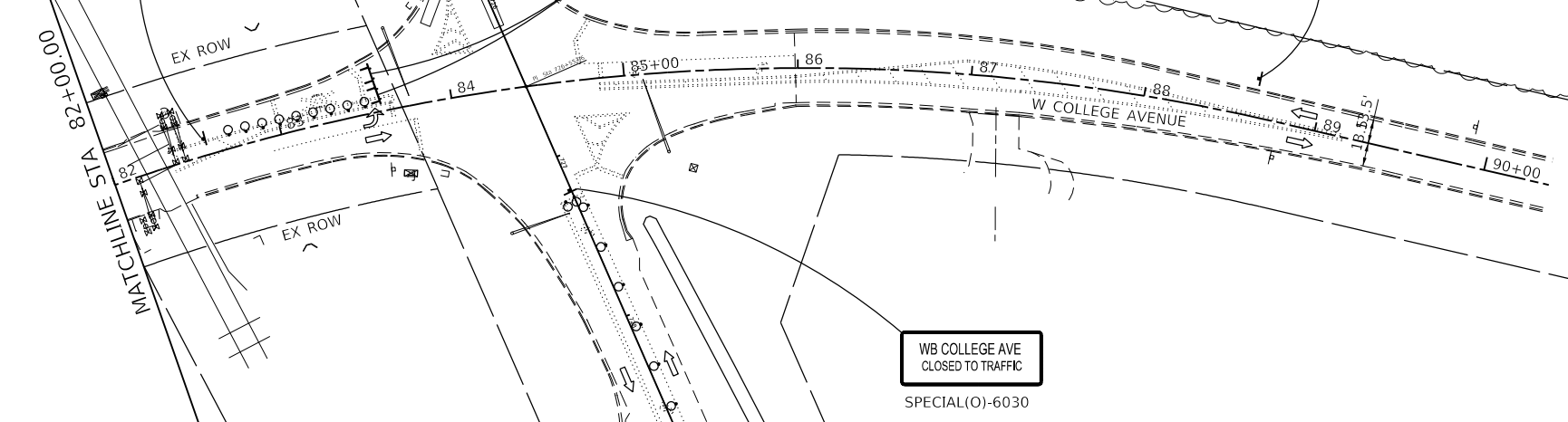
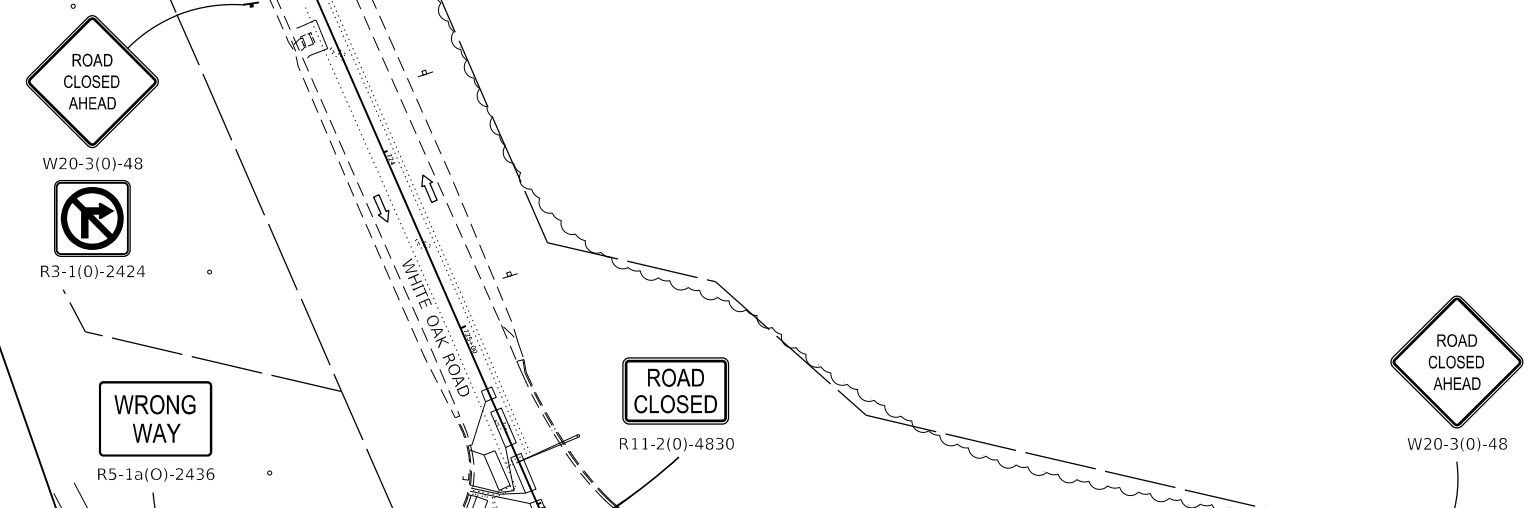
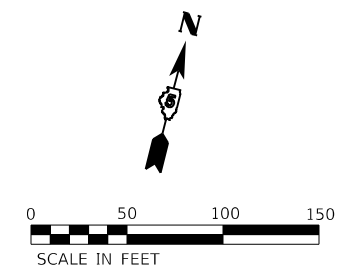
**Farnsworth GROUP**  
2709 McGRAW DRIVE  
BLOOMINGTON, ILLINOIS 61704  
(309) 663-8435 / info@f-w.com

USER NAME = dmeyer	DESIGNED - KLM	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - DRR	REVISED -
PLOT DATE = 11/9/2023	CHECKED - ERB	REVISED -
	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
MAINTENANCE OF TRAFFIC PLAN - STAGE 1A**  
SCALE: 1" = 50' SHEET 3 OF 4 SHEETS STA. 56+00.00 TO STA. 82+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	162
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



WB COLLEGE AVE  
CLOSED TO TRAFFIC  
SPECIAL(O)-6030

NOTE:  
SEE SEQUENCE OF OPERATIONS SPECIAL PROVISION FOR ADDITIONAL INFORMATION.

NOTE:  
ALL STORM SEWER LATERAL WORK (EXISTING AND PROPOSED) AND ASSOCIATED INLET STRUCTURES EAST OF STA 24+00.00 SHALL BE REMOVED, INSTALLED, BACKFILLED, AND CLASS D PATCHES, 9" PLACED IN THE FIRST SUBSTAGE OF PROJECT PRIOR TO STAGE 1A. INLET AND PIPE PROTECTION SHALL ALSO BE PROVIDED. TRAFFIC SHALL BE MAINTAINED DURING INSTALLATION WITH DAY TIME FLAGGERS IN ACCORDANCE WITH IDOT STATE STANDARDS AND SPECIFICATIONS. STEEL PLATES SHALL BE FURNISHED AND INSTALLED WHERE NEEDED. CONTRACTOR SHALL MAINTAIN DRAINAGE AND ALSO PROVIDE TRAFFIC CONTROL BARRELS AT LATERAL LOCATIONS. RUBBLIZATION OPERATIONS SHALL NOT TAKE PLACE OVER NEW STORM SEWER LATERALS AND CLASS D PATCHES, 9".



**LEGEND**

- STAGED WORK AREA
- TEMPORARY PAVEMENT
- TRAFFIC SIGN
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHTS
- PORTABLE CHANGEABLE MESSAGE SIGN
- IMPACT ATTENUATOR, TEMPORARY
- DIRECTION OF TRAVEL

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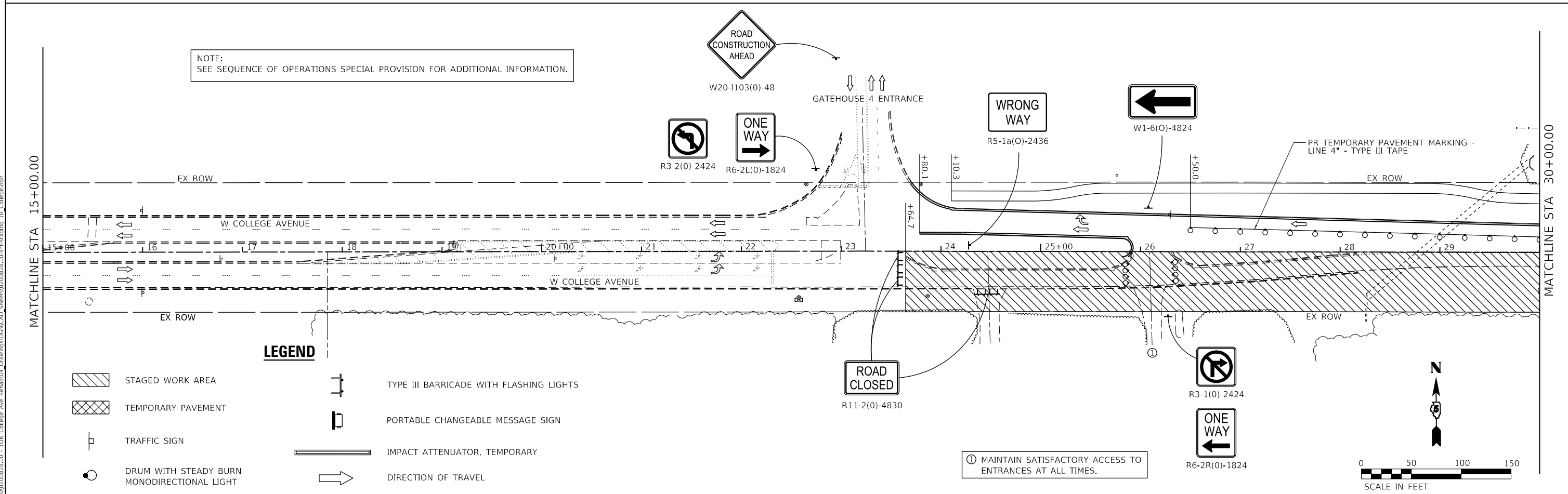
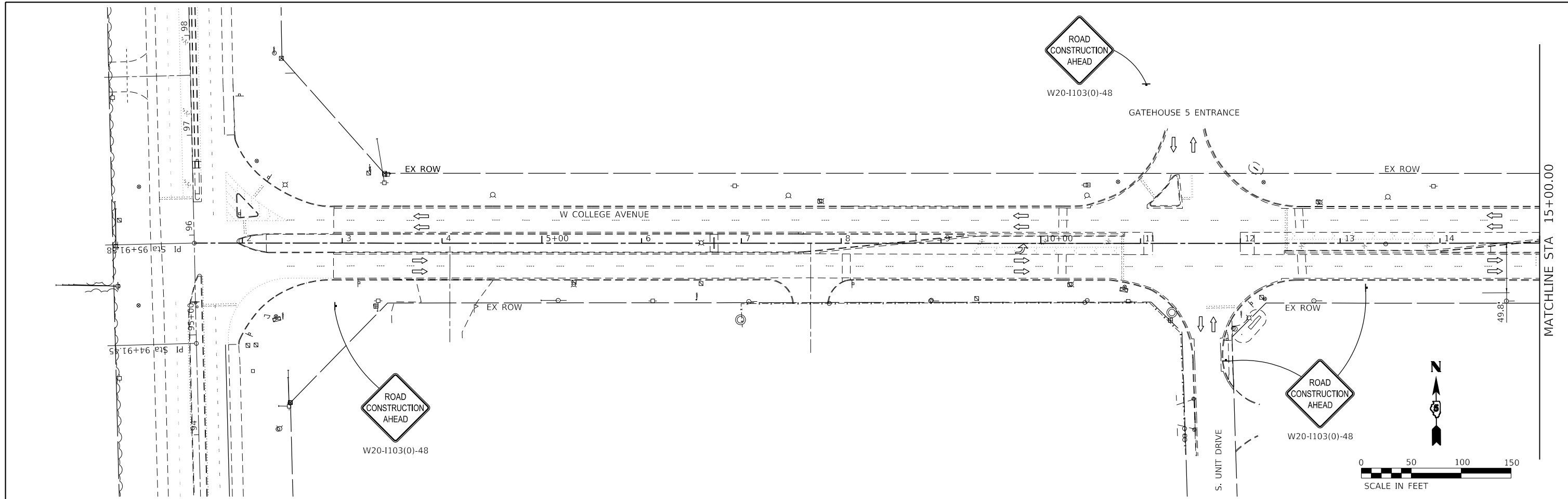
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PLOT DATE = 11/9/2023	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
MAINTENANCE OF TRAFFIC PLAN - STAGE 1A**

SCALE: 1" = 50' SHEET 4 OF 4 SHEETS STA. 82+00.00 TO STA. 90+38.19

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	163
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



NOTE:  
SEE SEQUENCE OF OPERATIONS SPECIAL PROVISION FOR ADDITIONAL INFORMATION.

**LEGEND**

- STAGED WORK AREA
- TEMPORARY PAVEMENT
- TRAFFIC SIGN
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHTS
- PORTABLE CHANGEABLE MESSAGE SIGN
- IMPACT ATTENUATOR, TEMPORARY
- DIRECTION OF TRAVEL

① MAINTAIN SATISFACTORY ACCESS TO ENTRANCES AT ALL TIMES.

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2708 McGRAW DRIVE  
BLOOMINGTON, ILLINOIS 61704  
(309) 663-8435 / info@f-w.com

USER NAME = dmeyer	DESIGNED - KLM	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - DRR	REVISED -
PLOT DATE = 11/9/2023	CHECKED - ERB	REVISED -
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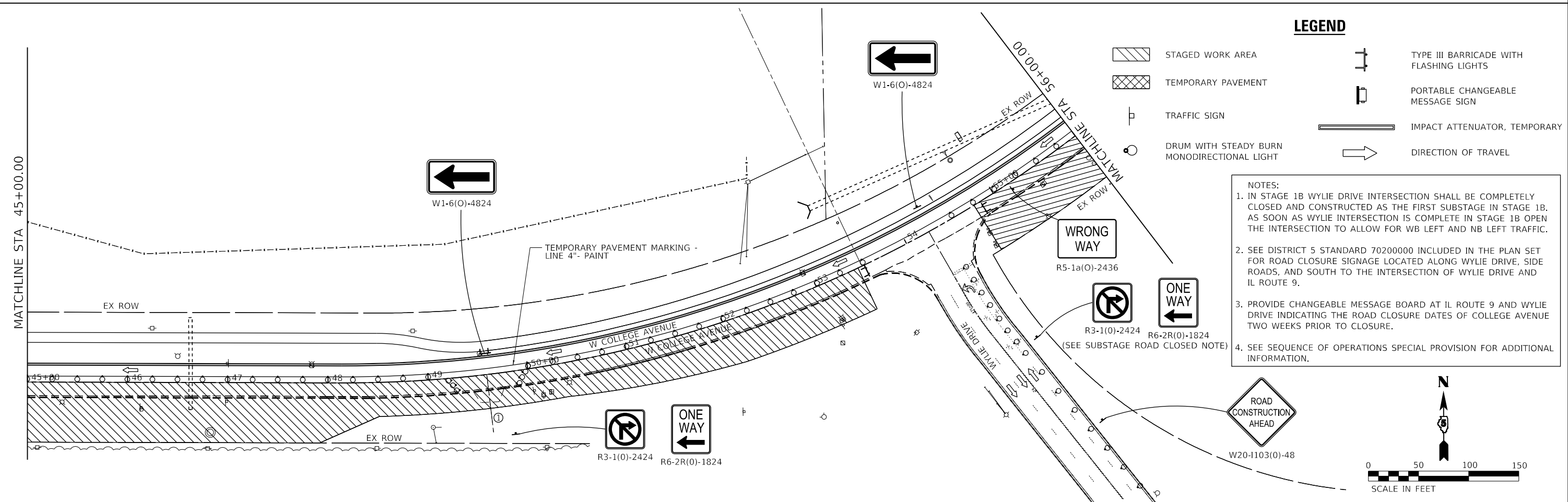
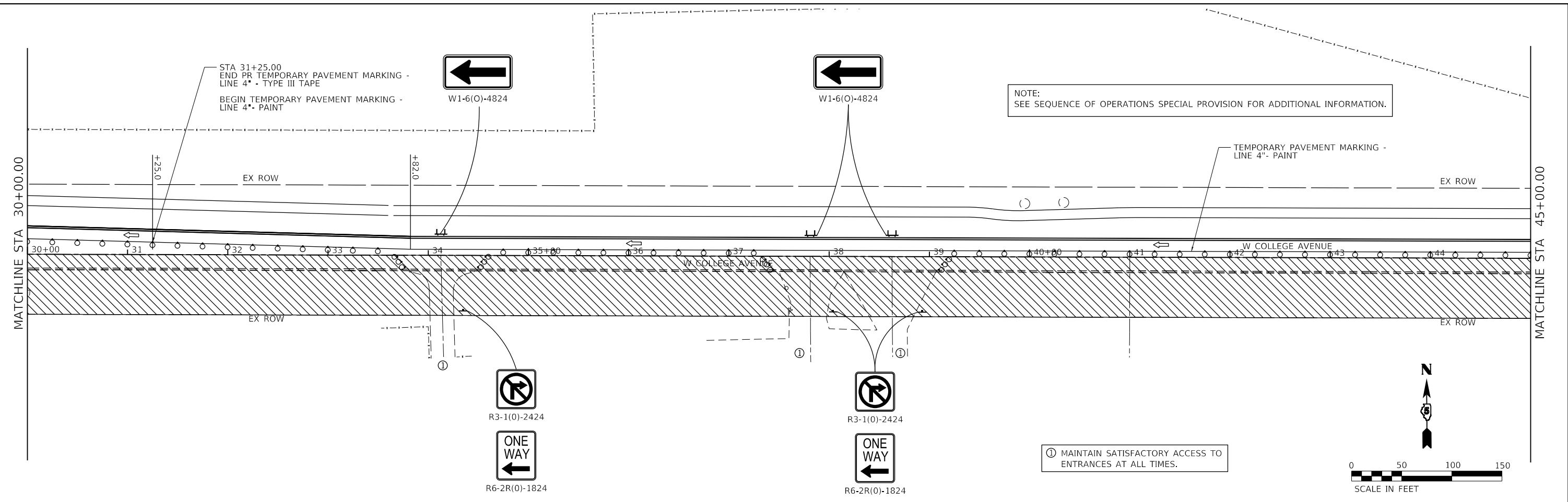
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
MAINTENANCE OF TRAFFIC PLAN - STAGE 1B**

SCALE: 1" = 50' SHEET 1 OF 4 SHEETS STA. 1+83.90 TO STA. 30+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	164
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				





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**Farnsworth GROUP**  
 2708 MCGRAW DRIVE  
 BLOOMINGTON, ILLINOIS 61704  
 (309) 663-8435 / info@f-w.com

USER NAME = dmeyer	DESIGNED - KLM	REVISED -
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	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

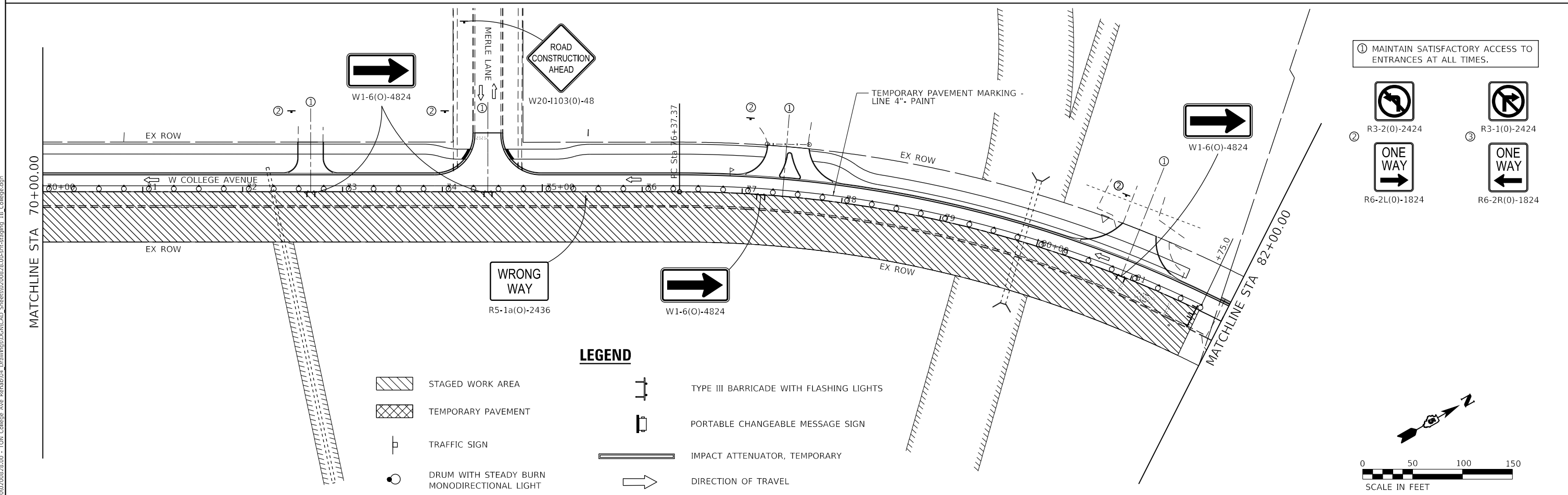
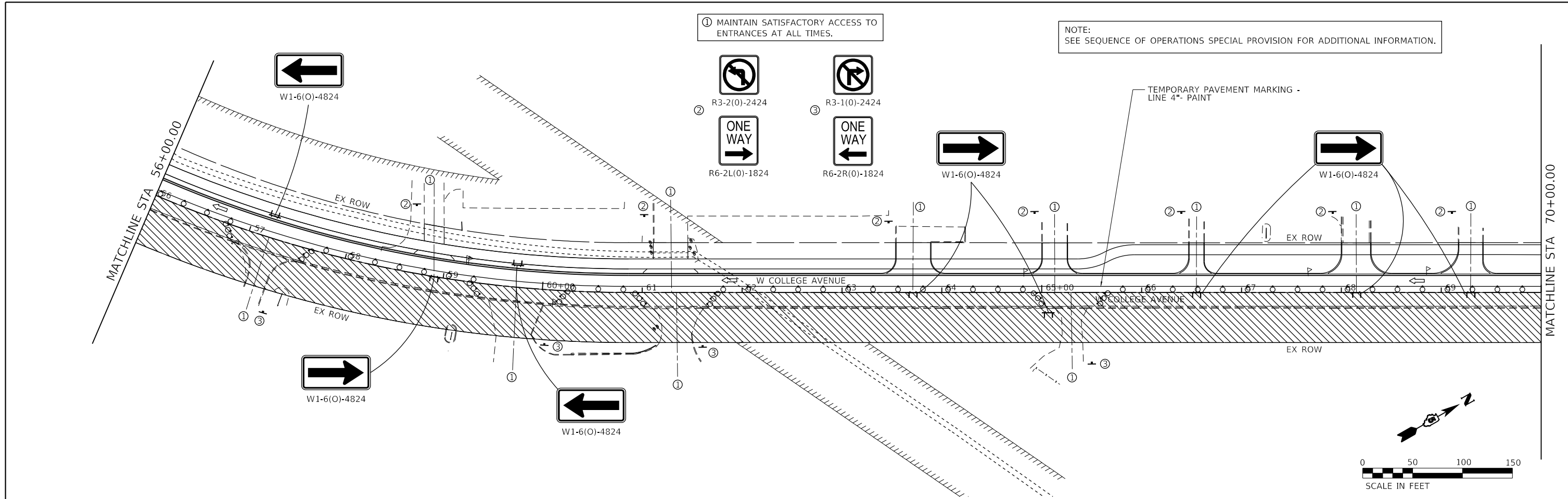
**WEST COLLEGE AVENUE  
 MAINTENANCE OF TRAFFIC PLAN - STAGE 1B**

SCALE: 1" = 50'    SHEET 2 OF 4 SHEETS    STA. 30+00.00 TO STA. 56+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	165
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

① MAINTAIN SATISFACTORY ACCESS TO ENTRANCES AT ALL TIMES.

NOTE:  
SEE SEQUENCE OF OPERATIONS SPECIAL PROVISION FOR ADDITIONAL INFORMATION.



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 (309) 663-8435 / info@f-w.com

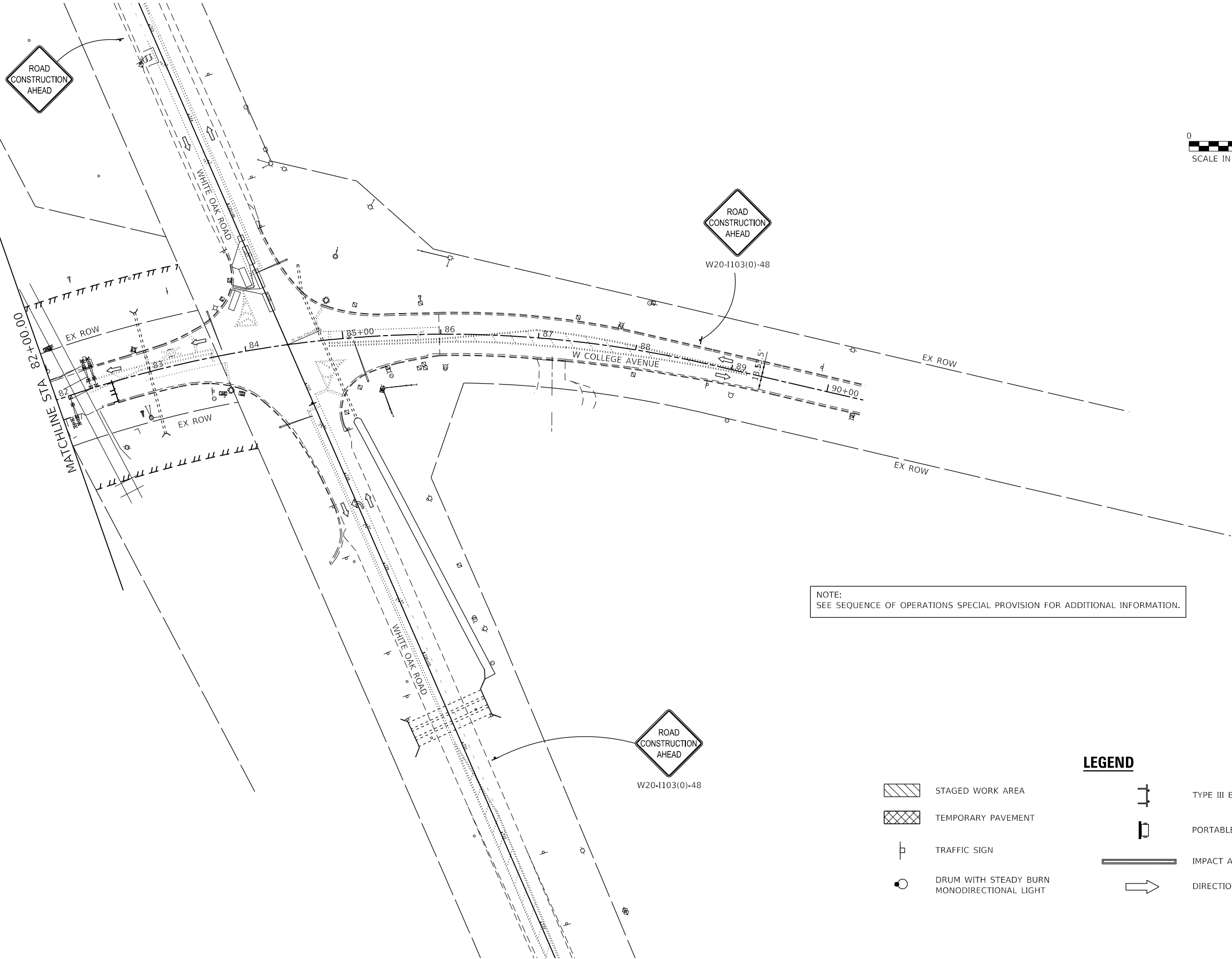
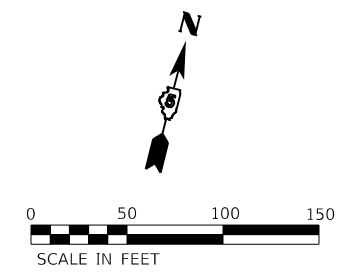
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	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
 MAINTENANCE OF TRAFFIC PLAN - STAGE 1B**









SCALE: 1" = 50'     SHEET 3 OF 4 SHEETS     STA. 56+00.00 TO STA. 82+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	166
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



NOTE:  
SEE SEQUENCE OF OPERATIONS SPECIAL PROVISION FOR ADDITIONAL INFORMATION.

**LEGEND**

-  STAGED WORK AREA
-  TEMPORARY PAVEMENT
-  TRAFFIC SIGN
-  DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  PORTABLE CHANGEABLE MESSAGE SIGN
-  IMPACT ATTENUATOR, TEMPORARY
-  DIRECTION OF TRAVEL

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 2709 McGRAW DRIVE  
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 (309) 663-8435 / info@f-w.com

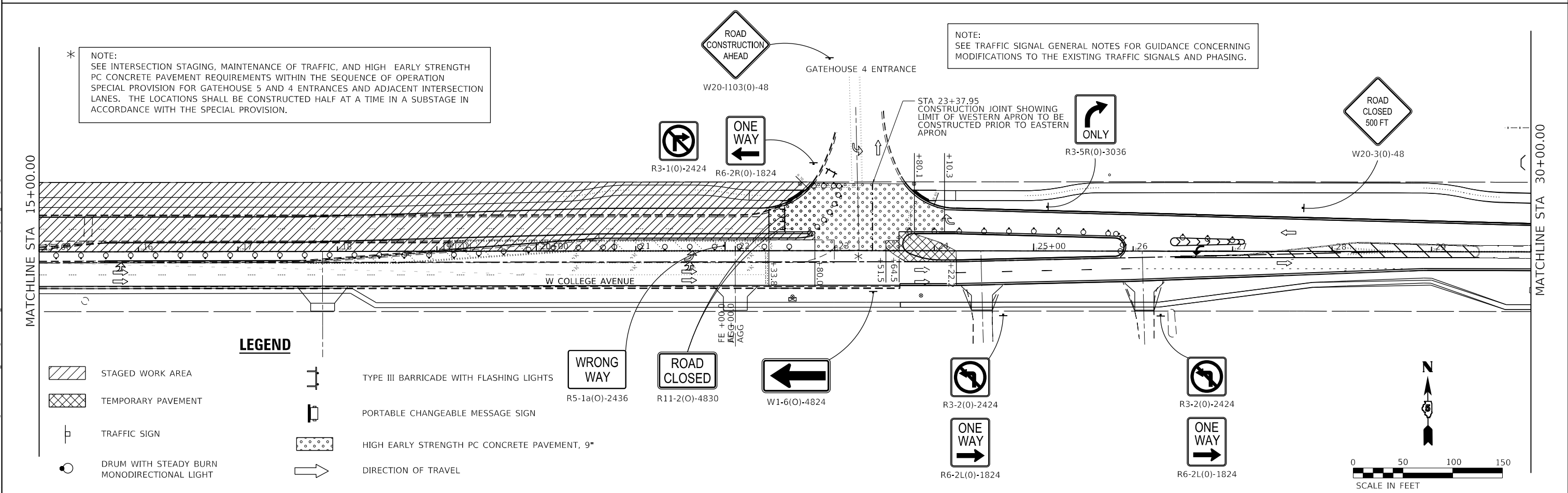
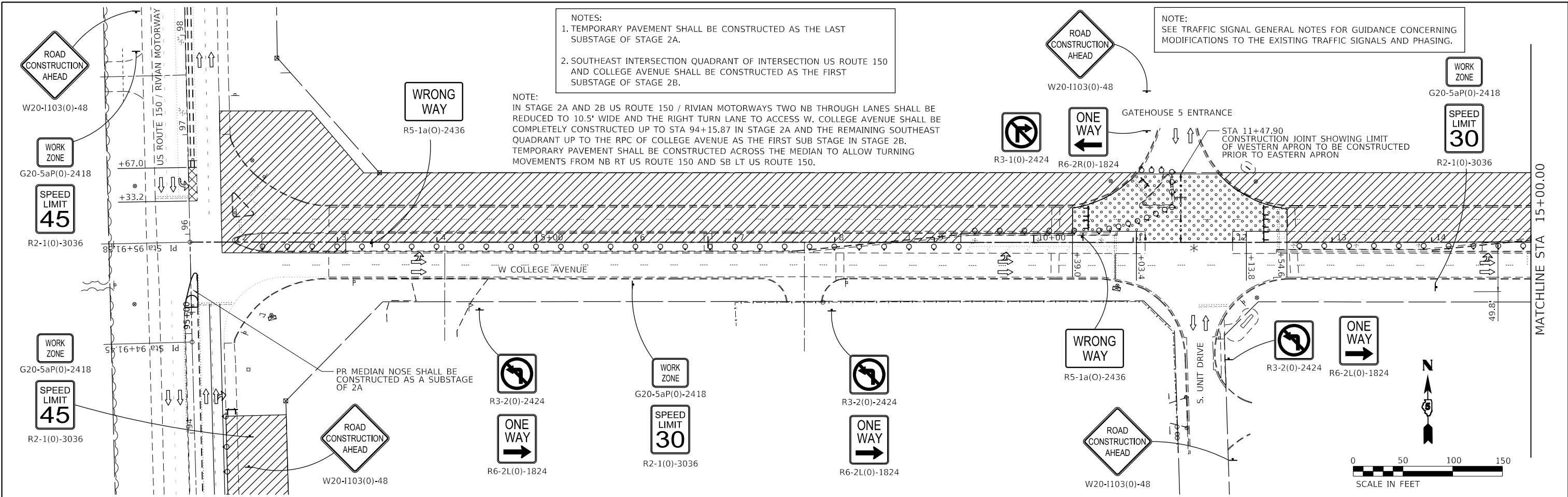
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE**  
**MAINTENANCE OF TRAFFIC PLAN - STAGE 1B**

SCALE: 1" = 50'    SHEET 4 OF 4 SHEETS    STA. 82+00.00 TO STA. 90+38.19

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	167
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



**LEGEND**

	STAGED WORK AREA		TYPE III BARRICADE WITH FLASHING LIGHTS
	TEMPORARY PAVEMENT		PORTABLE CHANGEABLE MESSAGE SIGN
	TRAFFIC SIGN		HIGH EARLY STRENGTH PC CONCRETE PAVEMENT, 9"
	DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT		DIRECTION OF TRAVEL

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**Farnsworth GROUP**  
 2708 MCGRAW DRIVE  
 BLOOMINGTON, ILLINOIS 61704  
 (309) 663-8435 / info@f-w.com

USER NAME = dmeyer	DESIGNED - KLM	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - DRR	REVISED -
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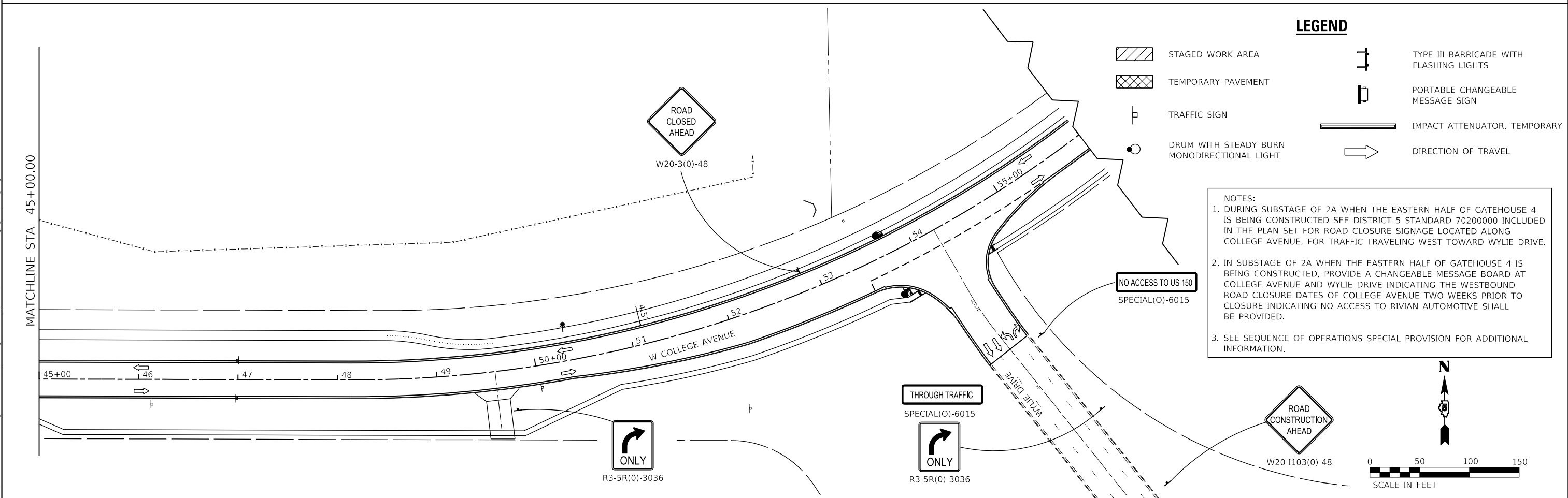
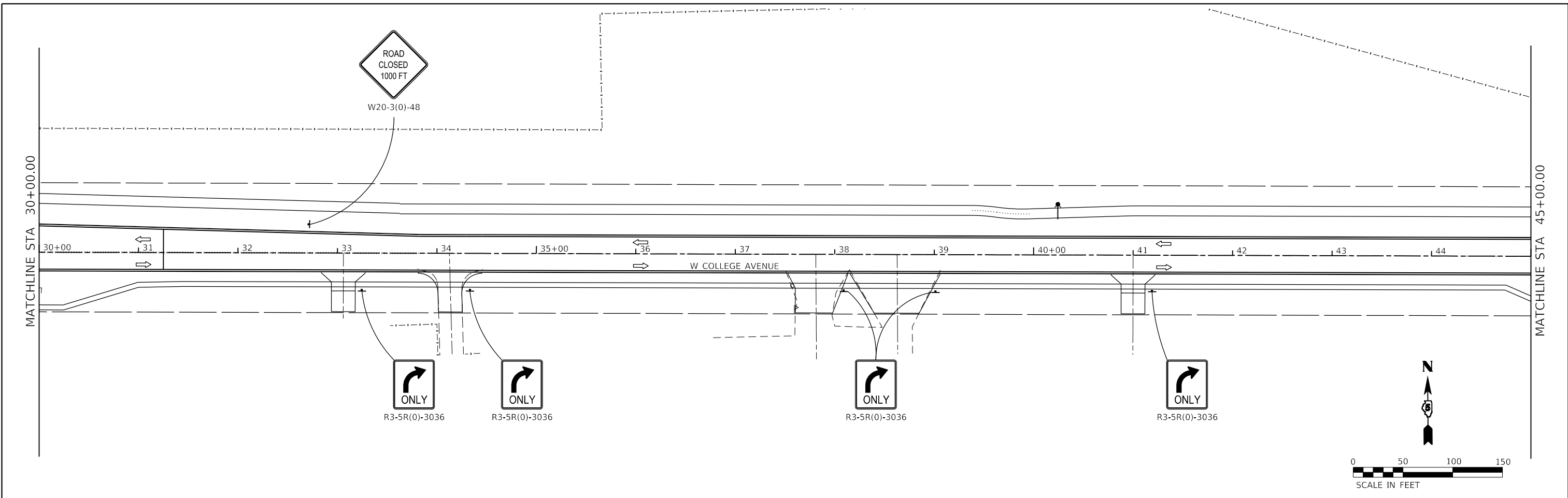
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
 MAINTENANCE OF TRAFFIC PLAN - STAGE 2A**

SCALE: 1" = 50'

SHEET 1 OF 2 SHEETS STA. 1+83.90 TO STA. 30+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	168
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



**LEGEND**

	STAGED WORK AREA		TYPE III BARRICADE WITH FLASHING LIGHTS
	TEMPORARY PAVEMENT		PORTABLE CHANGEABLE MESSAGE SIGN
	TRAFFIC SIGN		IMPACT ATTENUATOR, TEMPORARY
	DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT		DIRECTION OF TRAVEL

**NOTES:**

- DURING SUBSTAGE OF 2A WHEN THE EASTERN HALF OF GATEHOUSE 4 IS BEING CONSTRUCTED SEE DISTRICT 5 STANDARD 70200000 INCLUDED IN THE PLAN SET FOR ROAD CLOSURE SIGNAGE LOCATED ALONG COLLEGE AVENUE, FOR TRAFFIC TRAVELING WEST TOWARD WYLIE DRIVE.
- IN SUBSTAGE OF 2A WHEN THE EASTERN HALF OF GATEHOUSE 4 IS BEING CONSTRUCTED, PROVIDE A CHANGEABLE MESSAGE BOARD AT COLLEGE AVENUE AND WYLIE DRIVE INDICATING THE WESTBOUND ROAD CLOSURE DATES OF COLLEGE AVENUE TWO WEEKS PRIOR TO CLOSURE INDICATING NO ACCESS TO RIVIAN AUTOMOTIVE SHALL BE PROVIDED.
- SEE SEQUENCE OF OPERATIONS SPECIAL PROVISION FOR ADDITIONAL INFORMATION.

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 DATE: 11/09/2023

**Farnsworth GROUP**  
 2708 MCGRAW DRIVE  
 BLOOMINGTON, ILLINOIS 61704  
 (309) 663-8435 / info@f-w.com









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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

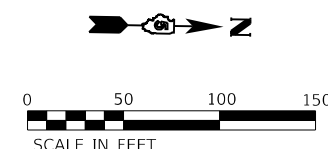
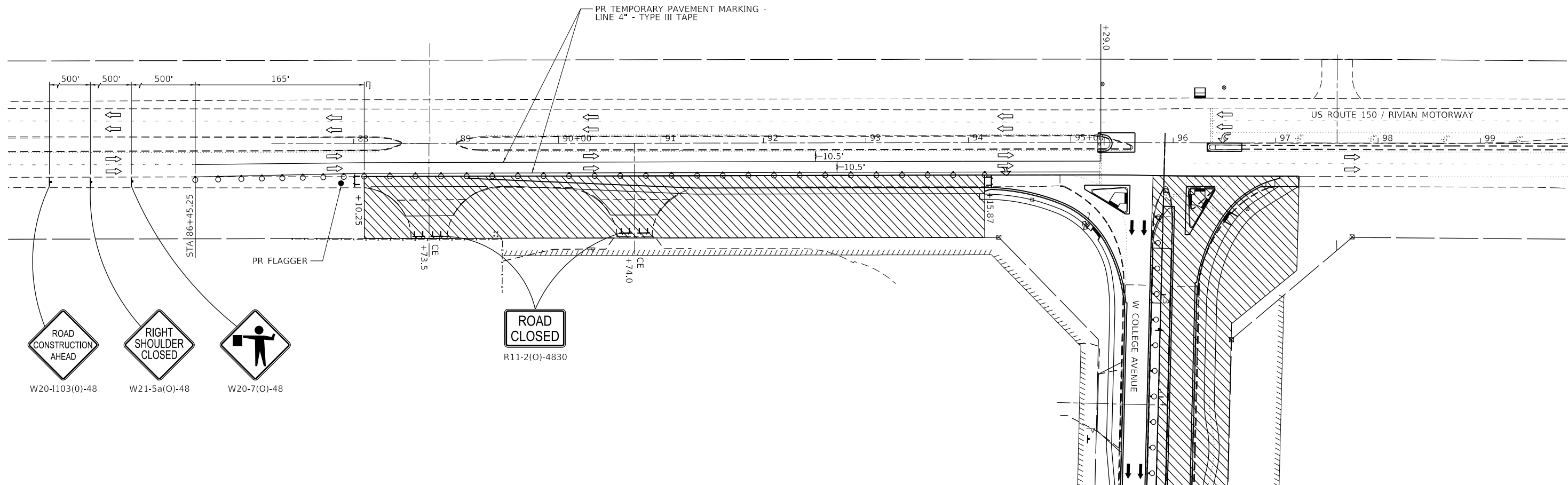
**WEST COLLEGE AVENUE**  
**MAINTENANCE OF TRAFFIC PLAN - STAGE 2A**  
 SCALE: 1" = 50'  
 SHEET 2 OF 2 SHEETS  
 STA. 30+00.00 TO STA. 56+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	169
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

**LEGEND**

-  STAGED WORK AREA
-  TEMPORARY PAVEMENT
-  TRAFFIC SIGN
-  DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
-  TYPE III BARRICADE WITH FLASHING LIGHTS
-  PORTABLE CHANGEABLE MESSAGE SIGN
-  HIGH EARLY STRENGTH PC CONCRETE PAVEMENT, 9"
-  DIRECTION OF TRAVEL

**NOTE:**  
 IN STAGE 2A AND 2B US ROUTE 150 / RIVIAN MOTORWAYS TWO NB THROUGH LANES SHALL BE REDUCED TO 10.5' WIDE AND THE RIGHT TURN LANE TO ACCESS W. COLLEGE AVENUE SHALL BE COMPLETELY CONSTRUCTED UP TO STA 94+15.87 IN STAGE 2A AND THE REMAINING SOUTHEAST QUADRANT UP TO THE RPC OF COLLEGE AVENUE AS THE FIRST SUB STAGE IN STAGE 2B. TEMPORARY PAVEMENT SHALL BE CONSTRUCTED ACROSS THE MEDIAN TO ALLOW TURNING MOVEMENTS FROM NB RT US ROUTE 150 AND SB LT US ROUTE 150.



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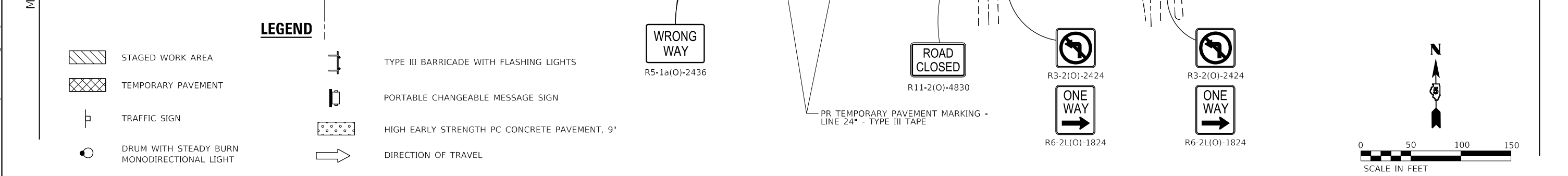
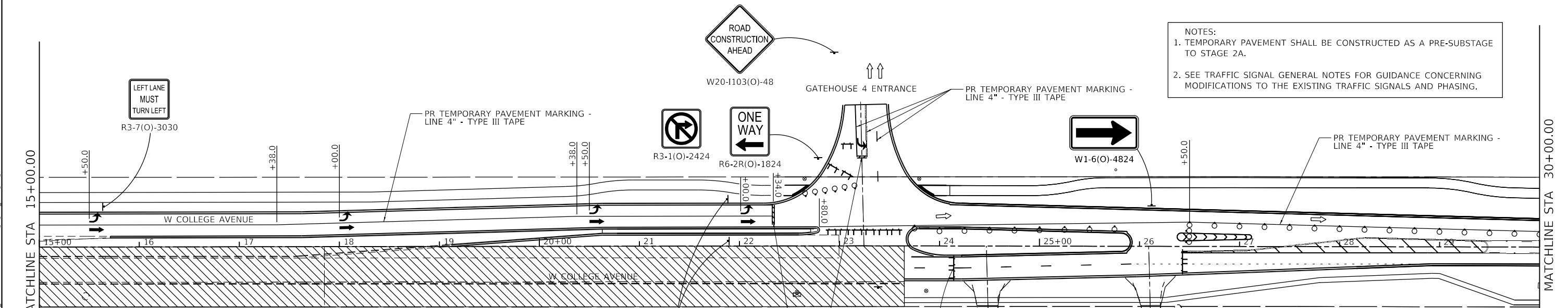
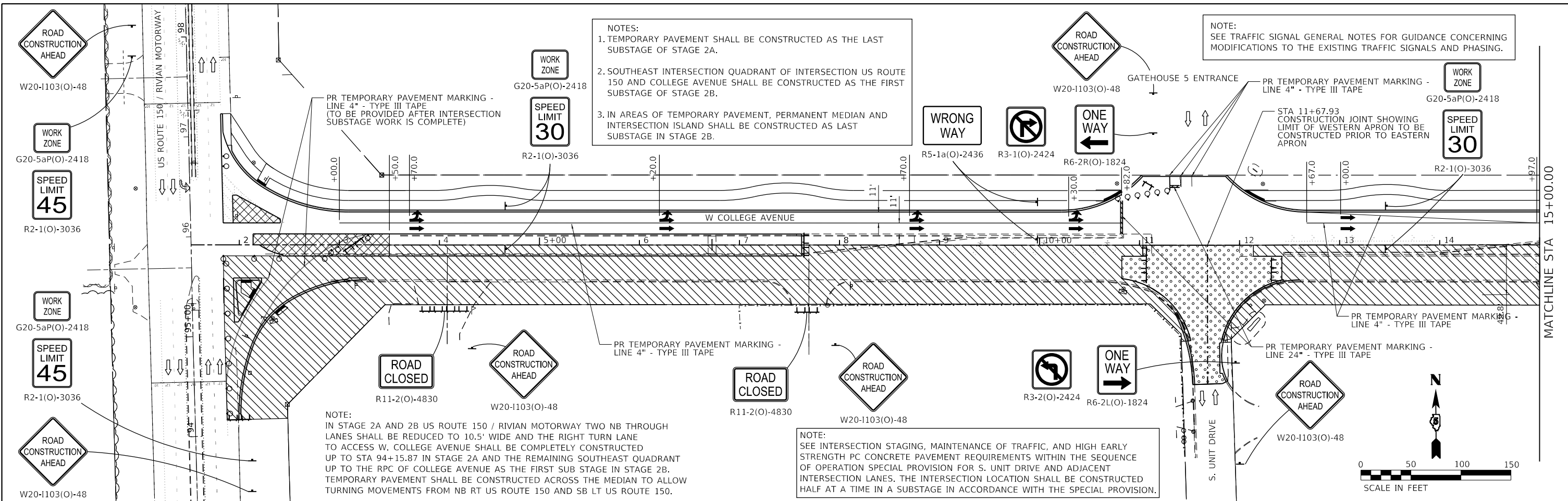
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**US ROUTE 150  
 MAINTENANCE OF TRAFFIC PLAN - STAGE 2A**  
 SCALE: 1" = 50' SHEET 1 OF 1 SHEETS STA. 88+10.25 TO STA. 97+22.32

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	170
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



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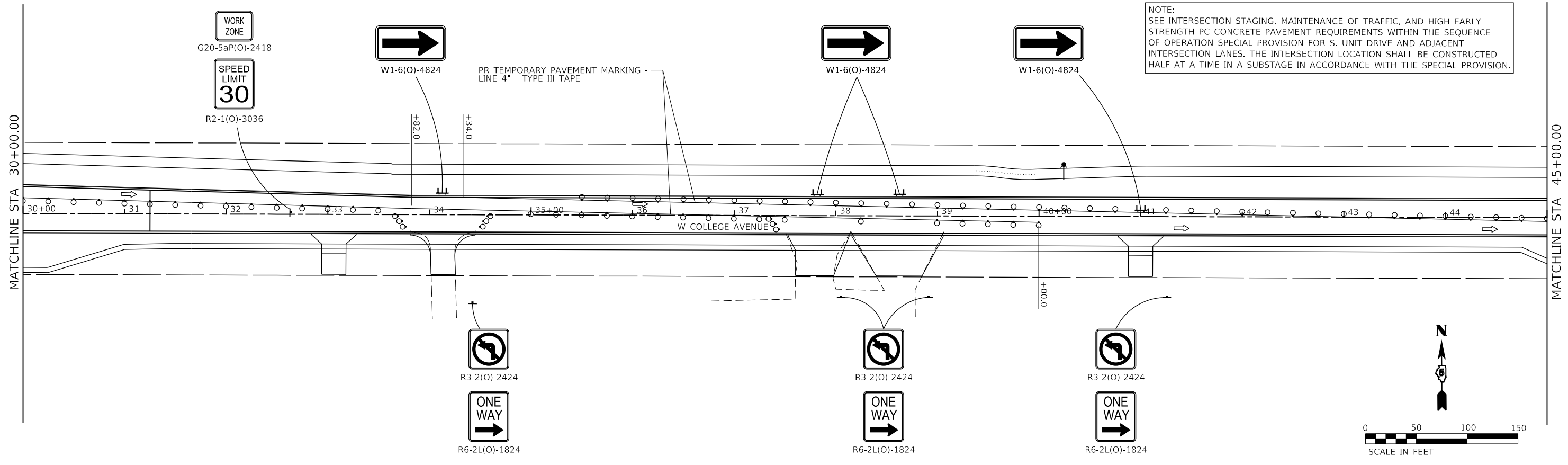
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	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

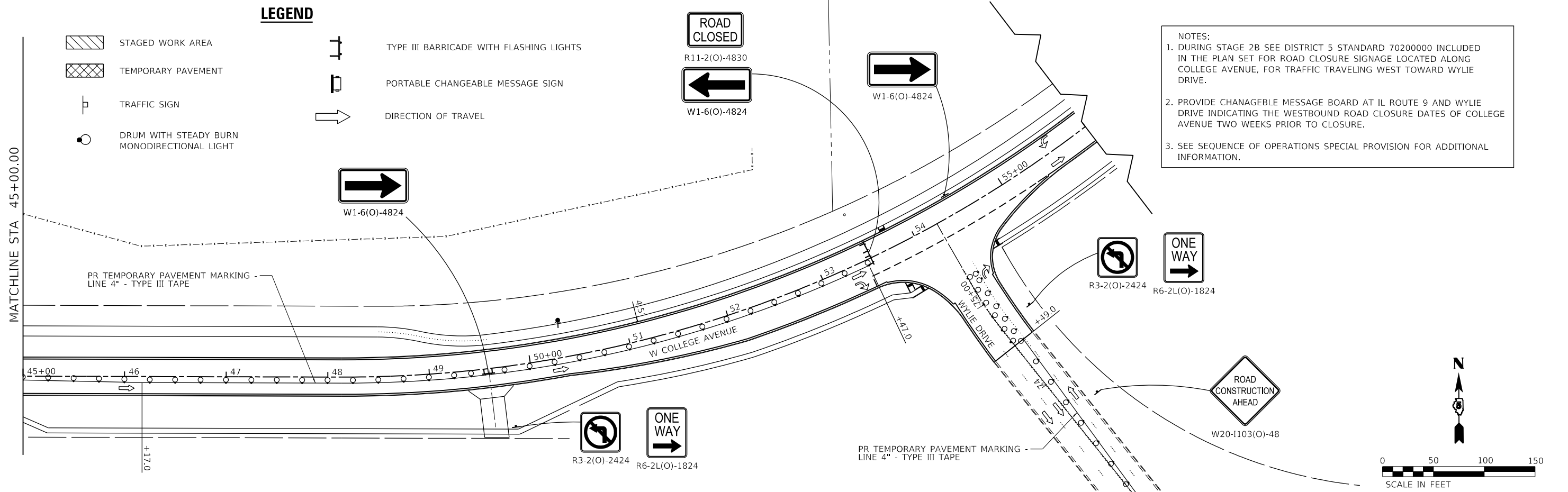
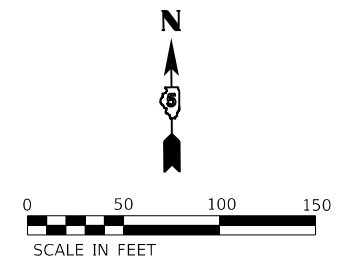
**WEST COLLEGE AVENUE  
 MAINTENANCE OF TRAFFIC PLAN - STAGE 2B**

SCALE: 1" = 50'  
 SHEET 1 OF 2 SHEETS  
 STA. 1+83.90 TO STA. 30+00.00

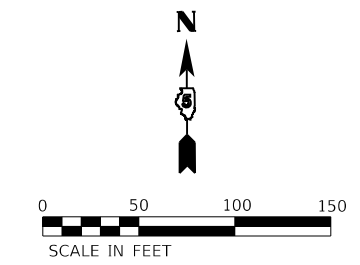
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	171
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



NOTE:  
SEE INTERSECTION STAGING, MAINTENANCE OF TRAFFIC, AND HIGH EARLY STRENGTH PC CONCRETE PAVEMENT REQUIREMENTS WITHIN THE SEQUENCE OF OPERATION SPECIAL PROVISION FOR S. UNIT DRIVE AND ADJACENT INTERSECTION LANES. THE INTERSECTION LOCATION SHALL BE CONSTRUCTED HALF AT A TIME IN A SUBSTAGE IN ACCORDANCE WITH THE SPECIAL PROVISION.



NOTES:  
1. DURING STAGE 2B SEE DISTRICT 5 STANDARD 70200000 INCLUDED IN THE PLAN SET FOR ROAD CLOSURE SIGNAGE LOCATED ALONG COLLEGE AVENUE, FOR TRAFFIC TRAVELING WEST TOWARD WYLIE DRIVE.  
2. PROVIDE CHANGEABLE MESSAGE BOARD AT IL ROUTE 9 AND WYLIE DRIVE INDICATING THE WESTBOUND ROAD CLOSURE DATES OF COLLEGE AVENUE TWO WEEKS PRIOR TO CLOSURE.  
3. SEE SEQUENCE OF OPERATIONS SPECIAL PROVISION FOR ADDITIONAL INFORMATION.



**LEGEND**

- STAGED WORK AREA
- TEMPORARY PAVEMENT
- TRAFFIC SIGN
- DRUM WITH STEADY BURN MONODIRECTIONAL LIGHT
- TYPE III BARRICADE WITH FLASHING LIGHTS
- PORTABLE CHANGEABLE MESSAGE SIGN
- DIRECTION OF TRAVEL

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**Farnsworth GROUP**  
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	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
MAINTENANCE OF TRAFFIC PLAN - STAGE 2B**

SCALE: 1" = 50'    SHEET 2 OF 2 SHEETS    STA. 30+00.00 TO STA. 56+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	172
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



**TRAFFIC SIGNAL GENERAL NOTES:**

1. THESE IMPROVEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, SPECIFICATIONS, AND "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ILLINOIS DEPARTMENT OF TRANSPORTATION, ADOPTED JANUARY 1, 2022.
2. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES.
3. ALL POST-MOUNTED TRAFFIC SIGNAL HEAD BRACKETS SHALL BE POLYCARBONATE BLACK OF THE SAME TYPE, DESIGN, AND APPEARANCE FROM THE SAME MANUFACTURER.
4. THE HANDHOLE SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, MULTI-USE PATH, OR GROUND LINE.
5. THE LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE INSTALLATION OF ANY TRAFFIC SIGNAL COMPONENTS.
6. THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POST FOUNDATIONS, AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE ENGINEER SHALL BE NOTIFIED FOR LOCATION VERIFICATION PRIOR TO INSTALLATION.
7. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
8. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2 FT. MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
9. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND-DIGGING AROUND UTILITIES AS NECESSARY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
10. ALL TRAFFIC SIGNAL MAST ARMS, POSTS, HANDHOLE LIDS AND RINGS, HANDHOLE FRAMES, CONTROLLER CABINETS, AND PHOTOCCELL RELAYS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS.
11. ALL AREAS DISTURBED FOR TRAFFIC SIGNAL CONSTRUCTION SHALL BE RESTORED TO THEIR EXISTING CONDITION IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS AND THE PROJECT SPECIFICATIONS.
12. THE RED SECTIONS OF THE SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER. THE BOTTOM OF SIGNAL HOUSING SHALL MAINTAIN A 16 FT MINIMUM, 18 FT MAXIMUM, CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY. THE BOTTOM OF SIGNAL HOUSING FOR SIGNAL HEADS MOUNTED TO MAST ARM POLE OR TRAFFIC SIGNAL POSTS SHALL MAINTAIN A 10 FT CLEARANCE FROM THE FINISHED GROUND. THE BOTTOM OF PEDESTRIAN SIGNAL HEADS SHALL MAINTAIN AN 8 FT CLEARANCE FROM THE FINISHED GROUND.
13. CONDUIT LOCATIONS SHOWN ON PLANS ARE DIAGRAMMATIC IN NATURE AND MAY BE VARIED TO SUIT FIELD CONDITIONS. CONTRACTOR SHALL SUBMIT ALL SUCH REQUESTS TO THE ENGINEER FOR REVIEW.
14. BACKFILL MATERIAL UNDER PROPOSED PAVEMENT FOR TRENCH AND BACKFILL SHALL BE CONTROLLED LOW-STRENGTH MATERIAL AND SHALL BE INCLUDED IN THE UNIT PRICE FOR CONDUIT.
15. THE TOWN OF NORMAL PUBLIC WORKS DEPARTMENT SHALL BE NOTIFIED AT LEAST 72 HOURS PRIOR TO THE TURNING ON THE CONTROLLER UNIT (1-309-454-9571).
16. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADJUSTING EXISTING TEMPORARY TRAFFIC SIGNAL HEADS ALONG THE SPAN WIRE TO ALIGN WITH CONSTRUCTION STAGE TRAFFIC LANES, AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL BAG ANY SIGNAL HEADS NOT UTILIZED BY THE CONSTRUCTION STAGE AND ADJUST VIDEO VEHICLE DETECTION ZONES AND SIGNAL PHASING AS NECESSARY. TEMPORARY TRAFFIC SIGNAL PHASING THAT DIFFERS FROM THE EXISTING ARE PROVIDED ON THE TRAFFIC SIGNAL DETAILS/TEMPORARY SIGNAL PHASING DIAGRAMS SHEET. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR MAINTENANCE OF EXISTING TEMPORARY TRAFFIC SIGNAL INSTALLATION.
17. ALL MAST ARM ASSEMBLY FOUNDATIONS SHALL BE LOCATED A MINIMUM OF 6 FEET FROM THE FACE OF CURB TO THE CENTER OF THE FOUNDATION.
18. ALL BRACKET MOUNTED HEADS SHALL BE MOUNTED SO THAT NO PART OF THE SIGNAL HEAD SHALL BE WITHIN 2 FEET OF THE FACE OF CURB.
19. ALL THREADS OR BOLTS USED IN ASSEMBLY OF TRAFFIC SIGNAL COMPONENTS SHALL BE COATED WITH A NON-LEAD BASED ANTI-SEIZE COMPOUND PRIOR TO ASSEMBLY.
20. ALL MAST ARM ASSEMBLY BASES SHALL BE PROTECTED BY A STAINLESS STEEL MESH SCREENING AROUND THE BASE COILS TO PREVENT RODENT ENTRY. THE MESH SHALL BE SECURED TO THE BASE BY STAINLESS STEEL BANDING AS INCIDENTAL TO THE INDIVIDUAL MAST ARM ASSEMBLY PAY ITEM.

TRAFFIC SIGNAL QUANTITIES							
PAY ITEM NO.	ITEM	UNIT	COLLEGE AVE & US ROUTE 150	COLLEGE AVE & S UNIT DR/ GATEHOUSE 5	COLLEGE AVE & GATEHOUSE 4	INTERCONNECT	TOTAL PROJECT QUANTITY
			QUANTITY	QUANTITY	QUANTITY	QUANTITY	
72400710	RELOCATE SIGN PANEL - TYPE 1	SQ FT	34	30	8		72
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	102	195	35		332
81028360	UNDERGROUND CONDUIT, PVC, 2 1/2" DIA.	FOOT	59	98	23		180
81028370	UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	34	48	35		117
81028390	UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	399	270	287		956
81028400	UNDERGROUND CONDUIT, PVC, 5" DIA.	FOOT	10	131	10		151
81400100	HANDHOLE	EACH	4	3	3	15	25
81400300	DOUBLE HANDHOLE	EACH	2	2	1		5
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1,808	460	986		3,254
86200200	UNINTERRUPTABLE POWER SUPPLY, STANDARD	EACH	1	1	1		3
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT				1,881	1,881
87301225	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2,410	3,109	742		6,261
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	3,450	2,961	1,933		8,344
87301255	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	374	947			1,321
87301805	ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	103	190	36		329
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	736	839	508		2,083
87502640	TRAFFIC SIGNAL POST, ALUMINUM 10 FT.	EACH	2	1			3
87502680	TRAFFIC SIGNAL POST, ALUMINUM 14 FT.	EACH	1	2	1		4
87502690	TRAFFIC SIGNAL POST, ALUMINUM 15 FT.	EACH		2			2
87502700	TRAFFIC SIGNAL POST, ALUMINUM 16 FT.	EACH	2				2
87600200	PEDESTRIAN PUSH-BUTTON POST, TYPE II	EACH	2	2	2		6
87700220	STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH		1			1
87700230	STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH		1			1
87702910	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1				1
87702930	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH			1		1
87702970	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH			1		1
87702980	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 50 FT.	EACH		1	1		2
87702985	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	2	1			3
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	15	15	3		33
87800150	CONCRETE FOUNDATION, TYPE C	FOOT	3.5	3.5	3.5		10.5
87800415	CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	41	52	41		134
88040070	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	6	6	6		18
88040090	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	7	7	8		22
88040110	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH		2			2
88040120	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH		2			2
88040150	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1				1
88040160	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1				1
88102717	PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	8	6	2		16
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	15	17	14		46
X0325134	WIRELESS INTERCONNECT (COMPLETE)	EACH	1				1
X1400238	LUMINAIRE, LED, SPECIAL	EACH	3	2	3		8
X8510200	PAINT TRAFFIC SIGNAL EQUIPMENT	L SUM	0.33	0.33	0.33		1
X8570226	FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1	1	1		3
X8710036	FIBER OPTIC CABLE 12 FIBERS, SINGLE MODE	FOOT				2,193	2,193
X8710103	ETHERNET SWITCH	EACH	1	1	1		3
X8710402	FIBER OPTIC INNERDUCT 1 1/4" DIA.	FOOT				7,622	7,622
X8760200	ACCESSIBLE PEDESTRIAN SIGNALS	EACH	8	6	2		16
X8891001	VIDEO VEHICLE DETECTION SYSTEM	EACH	1	1	1		3
X8900020	MAINTENANCE OF EXISTING TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	1	1	1		3

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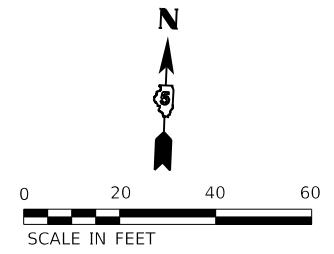
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL NOTES AND QUANTITIES  
WEST COLLEGE AVENUE**

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	173
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



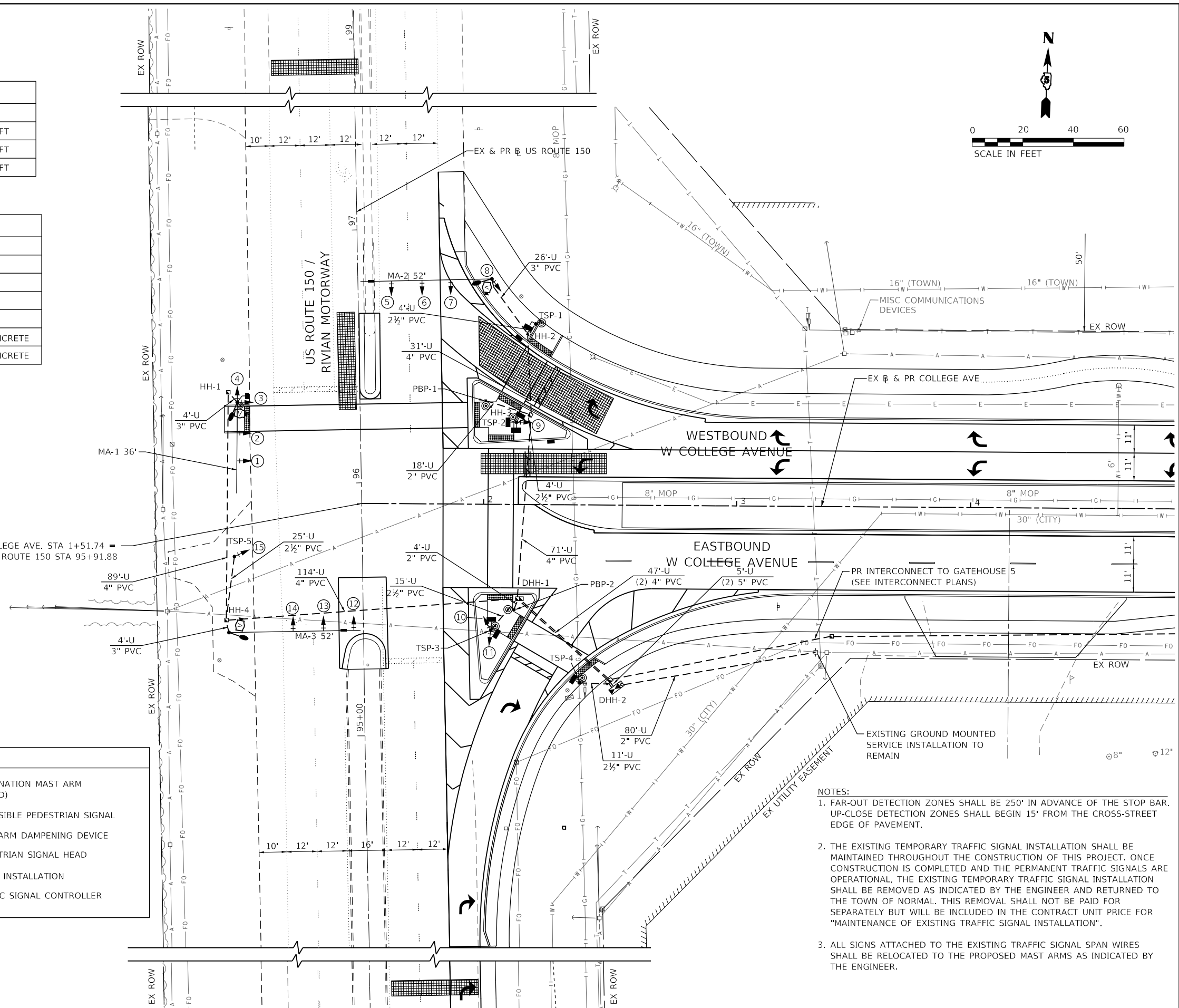
MAST ARM POLE DATA			
NO.	STATION	OFFSET	DESCRIPTION
MA-1	96+32.7	48.5' LT	STEEL COMBINATION MAST ARM & POLE, 36 FT
MA-2	96+79.7	53.0' RT	STEEL COMBINATION MAST ARM & POLE, 52 FT
MA-3	95+41.6	53.2' LT	STEEL COMBINATION MAST ARM & POLE, 52 FT

HANDHOLE DATA			
NO.	STATION	OFFSET	DESCRIPTION
HH-1	96+36.6	52.0' LT	HANDHOLE, PORTLAND CEMENT CONCRETE
HH-2	96+57.8	67.2' RT	HANDHOLE, PORTLAND CEMENT CONCRETE
HH-3	2+18.2	35.4' LT	HANDHOLE, PORTLAND CEMENT CONCRETE
HH-4	95+46.8	54.2' LT	HANDHOLE, PORTLAND CEMENT CONCRETE
DHH-1	2+14.3	37.3' RT	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE
DHH-2	2+50.0	69.8' RT	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE

PEDESTRIAN PUSHBUTTON POST DATA			
NO.	STATION	OFFSET	DESCRIPTION
PBP-1	2+00.0	40.9' LT	PEDESTRIAN PUSHBUTTON POST, TYPE II
PBP-2	2+12.2	41.5' RT	PEDESTRIAN PUSHBUTTON POST, TYPE II

TRAFFIC SIGNAL POST DATA			
NO.	STATION	OFFSET	DESCRIPTION
TSP-1	96+61.3	70.0' RT	TRAFFIC SIGNAL POST, ALUMINUM, 10 FT
TSP-2	2+12.7	32.5' LT	TRAFFIC SIGNAL POST, ALUMINUM, 16 FT
TSP-3	2+03.0	49.7' RT	TRAFFIC SIGNAL POST, ALUMINUM, 16 FT
TSP-4	2+38.3	70.4' RT	TRAFFIC SIGNAL POST, ALUMINUM, 10 FT
TSP-5	95+71.6	50.6' LT	TRAFFIC SIGNAL POST, ALUMINUM, 14 FT

TRAFFIC SIGNALS LEGEND			
	PROPOSED SIGNAL HEAD WITH BACKPLATE		PROPOSED COMBINATION MAST ARM (LENGTH SPECIFIED)
	PROPOSED TRAFFIC SIGNAL POST		PROPOSED ACCESSIBLE PEDESTRIAN SIGNAL
	PROPOSED PEDESTRIAN PUSHBUTTON POST		PROPOSED MAST ARM DAMPENING DEVICE
	PROPOSED CONDUIT		PROPOSED PEDESTRIAN SIGNAL HEAD
	PROPOSED HANDHOLE		EXISTING SERVICE INSTALLATION
	PROPOSED VIDEO CAMERA		PROPOSED TRAFFIC SIGNAL CONTROLLER
	PROPOSED VEHICLE DETECTION ZONE		



- NOTES:**
- FAR-OUT DETECTION ZONES SHALL BE 250' IN ADVANCE OF THE STOP BAR. UP-CLOSE DETECTION ZONES SHALL BEGIN 15' FROM THE CROSS-STREET EDGE OF PAVEMENT.
  - THE EXISTING TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION OF THIS PROJECT. ONCE CONSTRUCTION IS COMPLETED AND THE PERMANENT TRAFFIC SIGNALS ARE OPERATIONAL, THE EXISTING TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL BE REMOVED AS INDICATED BY THE ENGINEER AND RETURNED TO THE TOWN OF NORMAL. THIS REMOVAL SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION".
  - ALL SIGNS ATTACHED TO THE EXISTING TRAFFIC SIGNAL SPAN WIRES SHALL BE RELOCATED TO THE PROPOSED MAST ARMS AS INDICATED BY THE ENGINEER.

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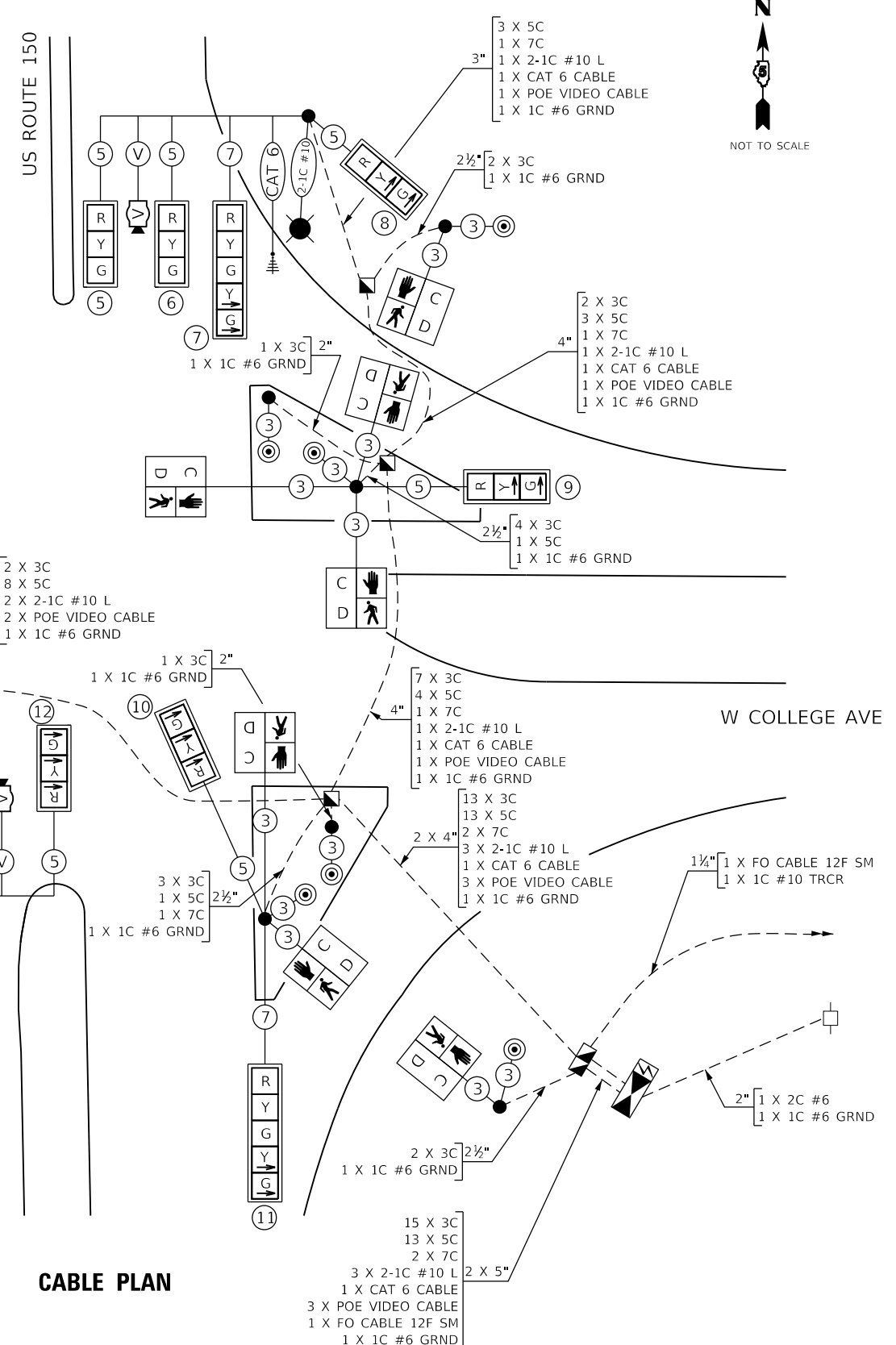
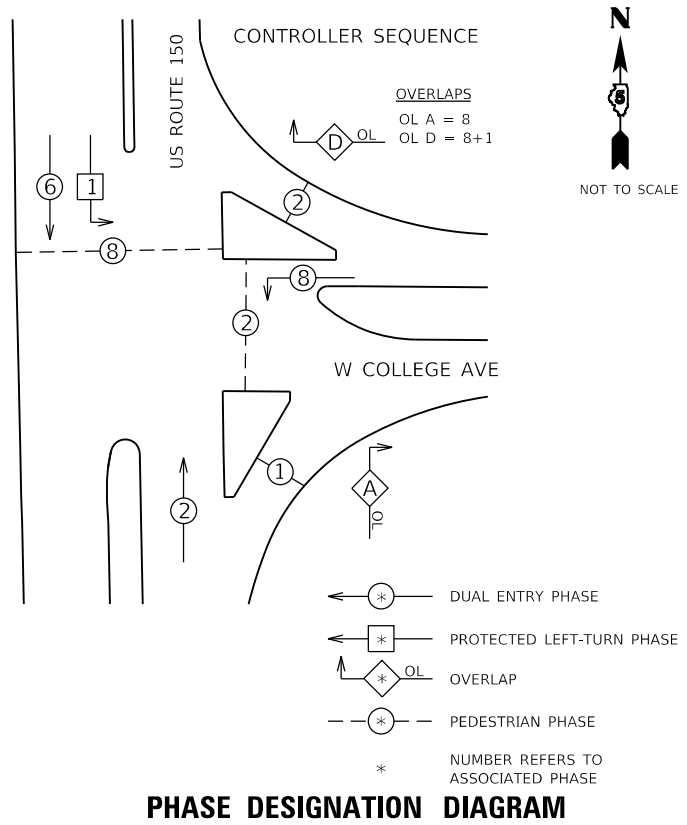
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PLOT DATE = 11/9/2023	CHECKED - RMM	REVISED -
	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC SIGNAL INSTALLATION PLAN  
US ROUTE 150 & W COLLEGE AVE**

SCALE: 1"=20'    SHEET 1 OF 1 SHEETS    STA.    TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	174
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



**PROPOSED CABLE DIAGRAM LEGEND**

- TRAFFIC SIGNAL HEAD WITH BACKPLATE
- CABLE - NUMBER OF CONDUCTORS
- CONTROLLER AND CABINET
- UNINTERRUPTIBLE POWER SUPPLY
- ACCESSIBLE PEDESTRIAN PUSHBUTTON
- VIDEO DETECTION CAMERA
- LUMINAIRE - POLE MOUNTED
- DOUBLE HANDHOLE
- HANDHOLE
- EX SERVICE INSTALLATION - GROUND MOUNTED
- PEDESTRIAN SIGNAL HEAD
- CONDUIT SIZE
- NUMBER OF CABLES IN CONDUIT
- NUMBER OF CONDUCTORS IN EACH CABLE

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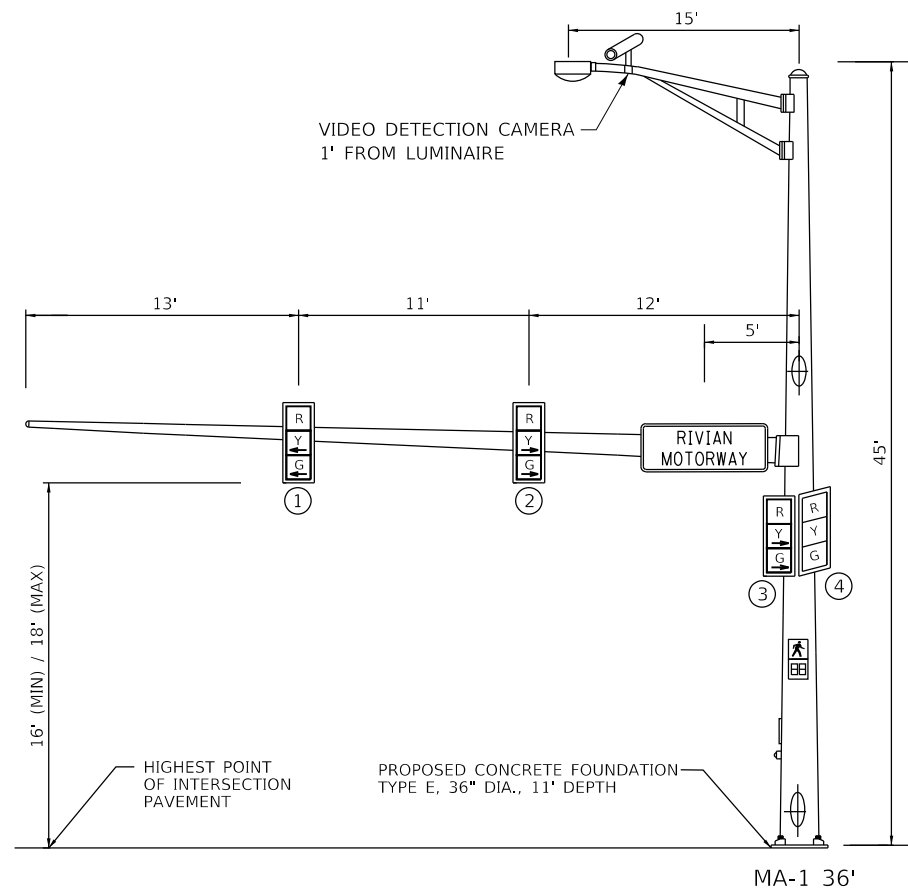


USER NAME = dmeyer	DESIGNED - DPE	REVISED -
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PLOT DATE = 11/9/2023	CHECKED - RMM	REVISED -
	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

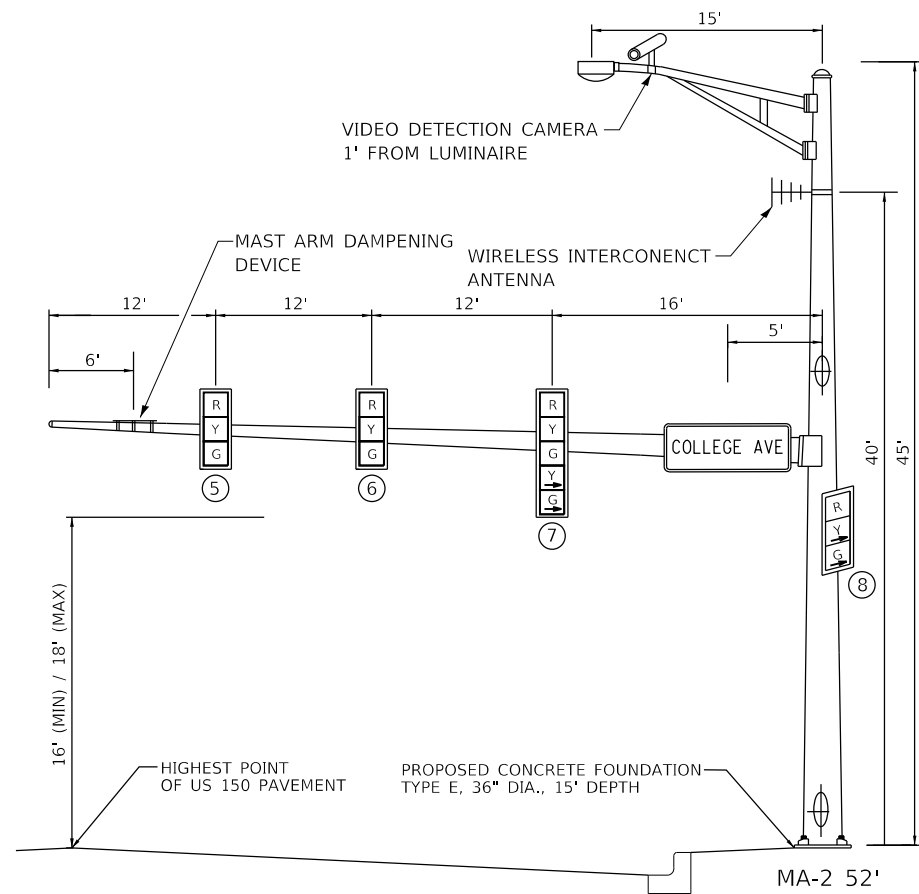
<b>CABLE PLAN AND PHASE DESIGNATION DIAGRAM US ROUTE 150 &amp; W COLLEGE AVE</b>	
SCALE: N.T.S.	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	175
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



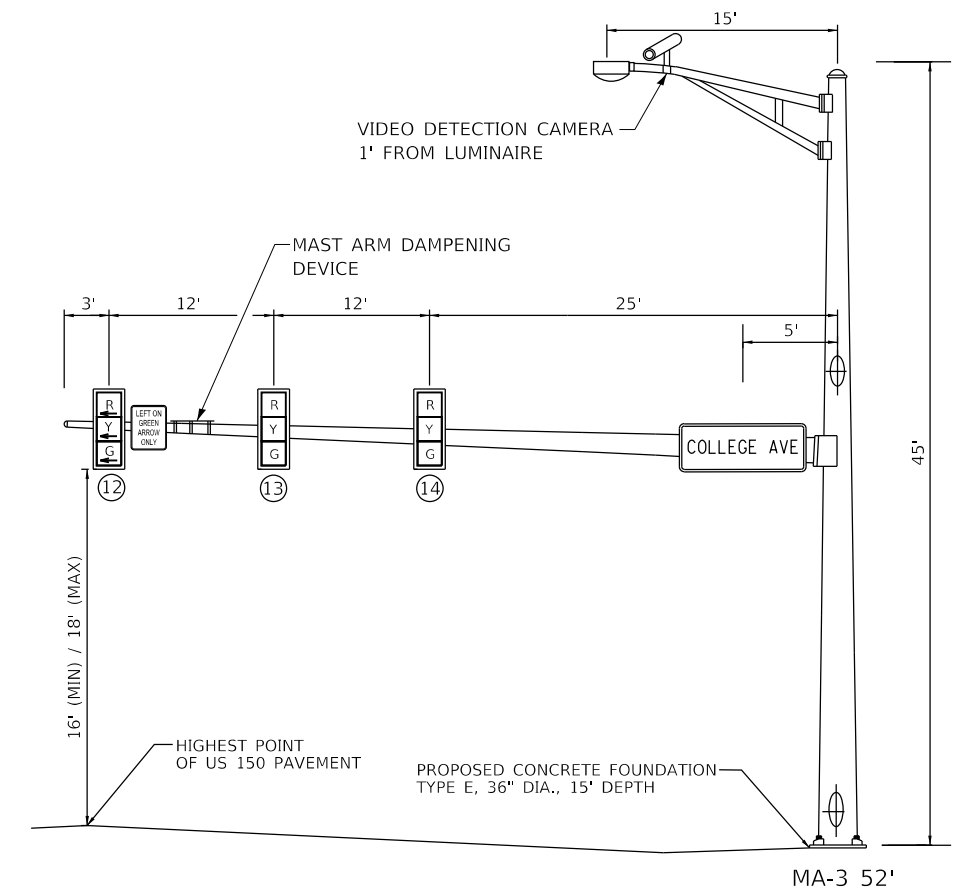
WESTBOUND TRAFFIC SIGNAL

MA-1 36'



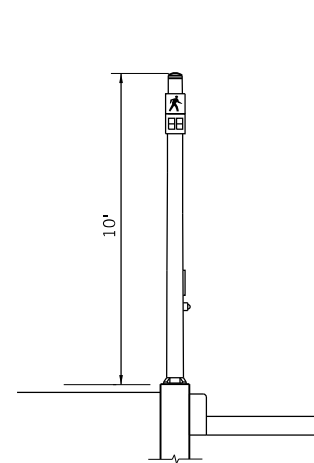
NORTHBOUND TRAFFIC SIGNAL

MA-2 52'



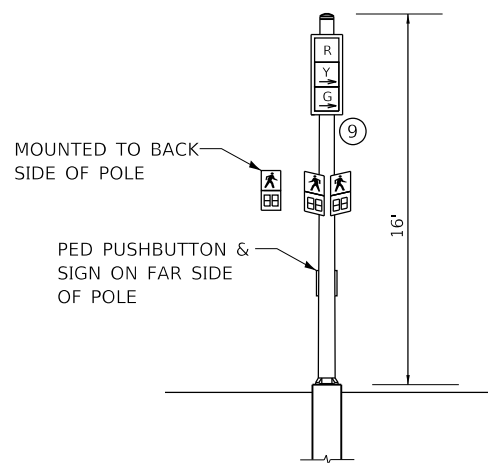
SOUTHBOUND TRAFFIC SIGNAL

MA-3 52'



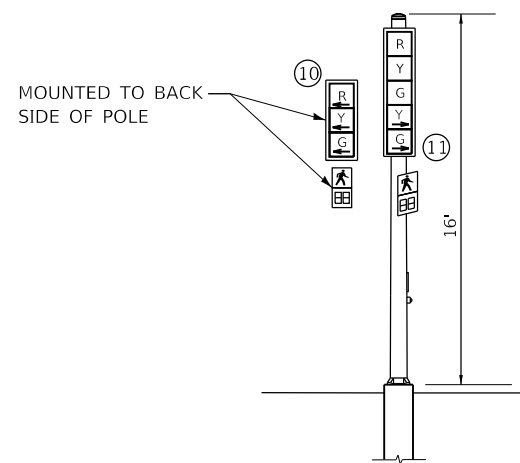
TSP-1

NORTHEAST QUADRANT (LOOKING NORTHEAST)



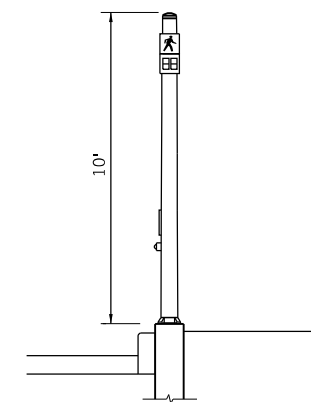
TSP-2

NORTHEAST QUADRANT (LOOKING WEST)



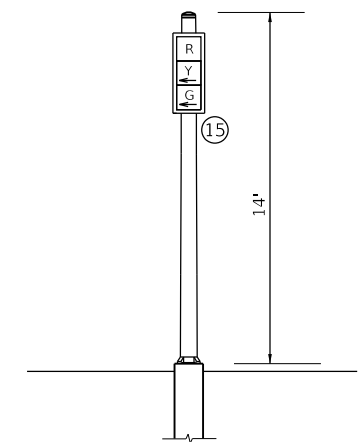
TSP-3

SOUTHEAST QUADRANT (LOOKING NORTH)



TSP-4

SOUTHEAST QUADRANT (LOOKING SOUTHEAST)



TSP-5

SOUTHWEST QUADRANT (LOOKING WEST)

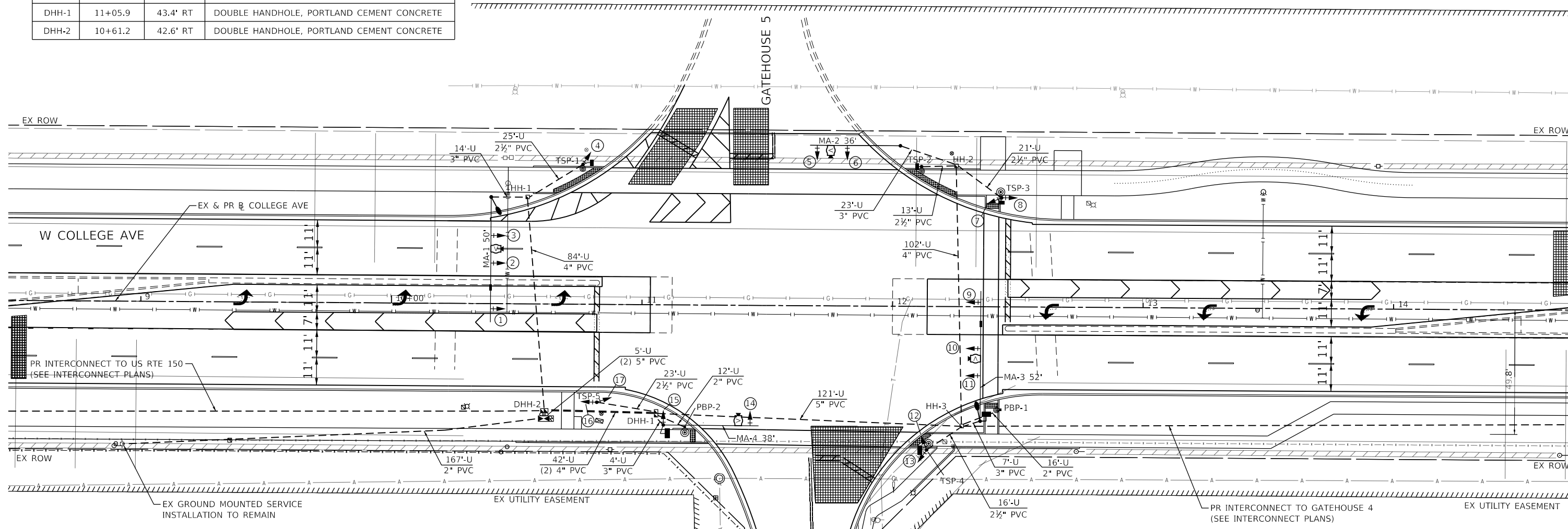
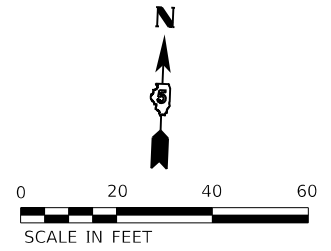
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MAST ARM POLE DATA			
NO.	STATION	OFFSET	DESCRIPTION
MA-1	10+39.6	42.6' LT	STEEL COMBINATION MAST ARM & POLE, 50 FT
MA-2	12+02.8	64.1' LT	STEEL MAST ARM & POLE, 36 FT
MA-3	12+35.2	45.7' RT	STEEL COMBINATION MAST ARM & POLE, 52 FT
MA-4	11+08.8	48.0' RT	STEEL MAST ARM & POLE, 38 FT

TRAFFIC SIGNAL POST DATA			
NO.	STATION	OFFSET	DESCRIPTION
TSP-1	10+76.1	55.8' LT	TRAFFIC SIGNAL POST, ALUMINUM, 14 FT
TSP-2	12+11.3	55.8' LT	TRAFFIC SIGNAL POST, ALUMINUM, 10 FT
TSP-3	12+43.3	43.6' LT	TRAFFIC SIGNAL POST, ALUMINUM, 15 FT
TSP-4	12+13.9	57.3' RT	TRAFFIC SIGNAL POST, ALUMINUM, 14 FT
TSP-5	10+82.1	39.1' RT	TRAFFIC SIGNAL POST, ALUMINUM, 15 FT

HANDHOLE DATA			
NO.	STATION	OFFSET	DESCRIPTION
HH-1	10+54.0	42.6' LT	HANDHOLE, PORTLAND CEMENT CONCRETE
HH-2	12+25.1	56.2' LT	HANDHOLE, PORTLAND CEMENT CONCRETE
HH-3	12+27.8	47.8' RT	HANDHOLE, PORTLAND CEMENT CONCRETE
DHH-1	11+05.9	43.4' RT	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE
DHH-2	10+61.2	42.6' RT	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE

- NOTES:
- FAR-OUT DETECTION ZONES SHALL BE 250' IN ADVANCE OF THE STOP BAR. UP-CLOSE DETECTION ZONES SHALL BEGIN 15' FROM THE CROSS-STREET EDGE OF PAVEMENT.
  - THE EXISTING TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION OF THIS PROJECT. ONCE CONSTRUCTION IS COMPLETED AND THE PERMANENT TRAFFIC SIGNALS ARE OPERATIONAL, THE EXISTING TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL BE REMOVED AS INDICATED BY THE ENGINEER AND RETURNED TO THE TOWN OF NORMAL. THIS REMOVAL SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION".
  - ALL SIGNS ATTACHED TO THE EXISTING TRAFFIC SIGNAL SPAN WIRES SHALL BE RELOCATED TO THE PROPOSED MAST ARMS AS INDICATED BY THE ENGINEER.



TRAFFIC SIGNALS LEGEND	
	PROPOSED SIGNAL HEAD WITH BACKPLATE
	PROPOSED TRAFFIC SIGNAL POST
	PROPOSED PEDESTRIAN PUSHBUTTON POST
	PROPOSED CONDUIT
	PROPOSED HANDHOLE
	PROPOSED VIDEO CAMERA
	PROPOSED VEHICLE DETECTION ZONE
	PROPOSED COMBINATION MAST ARM (LENGTH SPECIFIED)
	PROPOSED ACCESSIBLE PEDESTRIAN SIGNAL
	PROPOSED MAST ARM DAMPENING DEVICE
	PROPOSED PEDESTRIAN SIGNAL HEAD
	EXISTING SERVICE INSTALLATION
	PROPOSED TRAFFIC SIGNAL CONTROLLER

PEDESTRIAN PUSHBUTTON POST DATA			
NO.	STATION	OFFSET	DESCRIPTION
PBP-1	12+43.3	41.2' RT	PEDESTRIAN PUSHBUTTON POST, TYPE II
PBP-2	11+17.4	48.7' RT	PEDESTRIAN PUSHBUTTON POST, TYPE II

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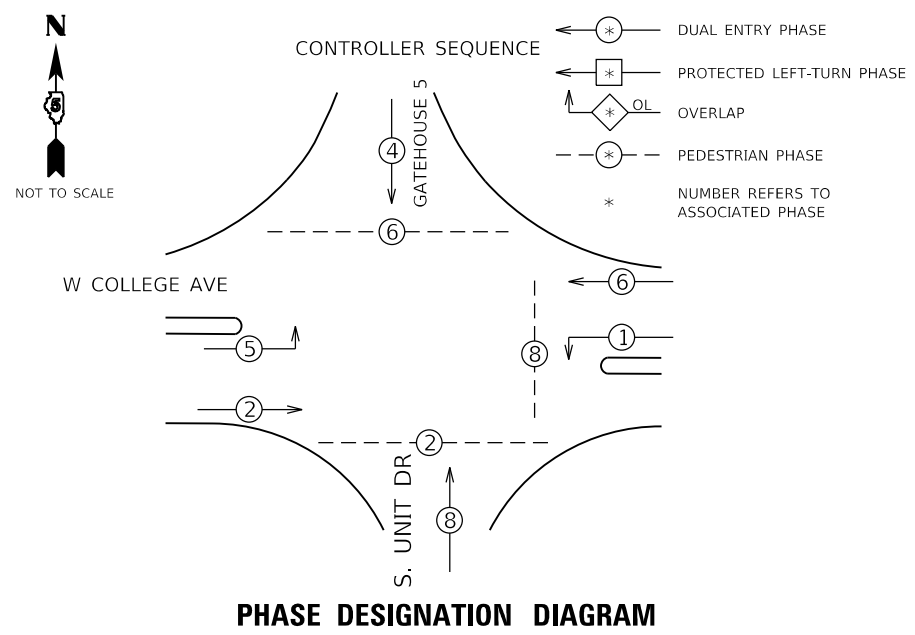


USER NAME = dmeyer	DESIGNED - DPE	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - DRR	REVISED -
PLOT DATE = 11/9/2023	CHECKED - RMM	REVISED -
	DATE - 11/09/2023	REVISED -

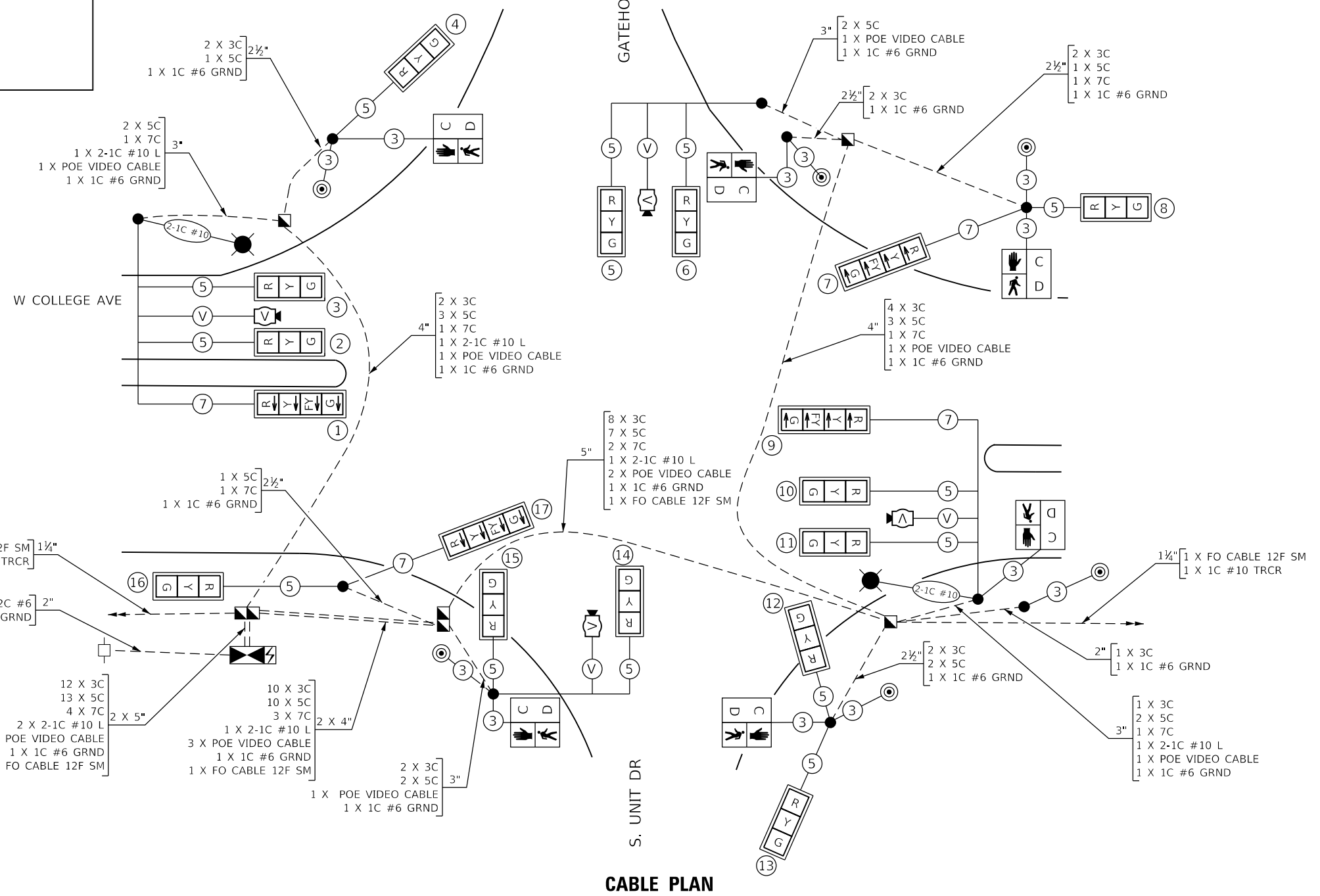
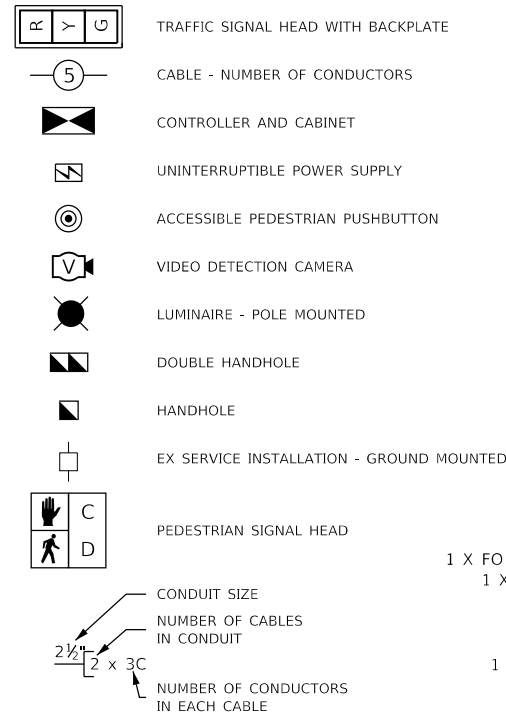
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>TRAFFIC SIGNAL INSTALLATION PLAN</b> <b>W COLLEGE AVE &amp; GATEHOUSE 5/S UNIT DRIVE</b>	
SCALE: 1"=20'	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 177
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



**PROPOSED CABLE DIAGRAM LEGEND**



MODEL: Default  
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**Farnsworth GROUP**  
 2708 MCGRAW DRIVE  
 BLOOMINGTON, ILLINOIS 61704  
 (309) 663-8435 / info@f-w.com

USER NAME = dmeyer	DESIGNED - DPE	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - DRR	REVISED -
PLOT DATE = 11/9/2023	CHECKED - RMM	REVISED -
	DATE - 11/09/2023	REVISED -

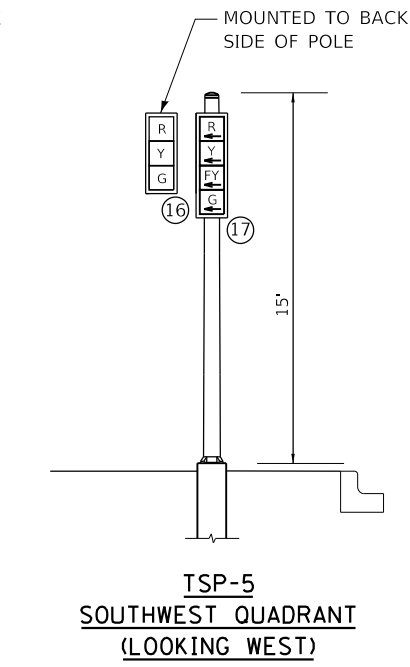
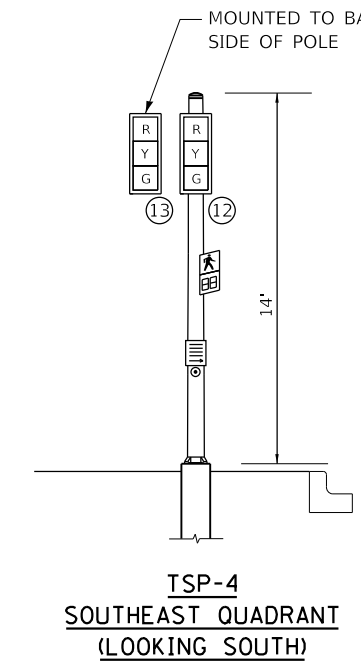
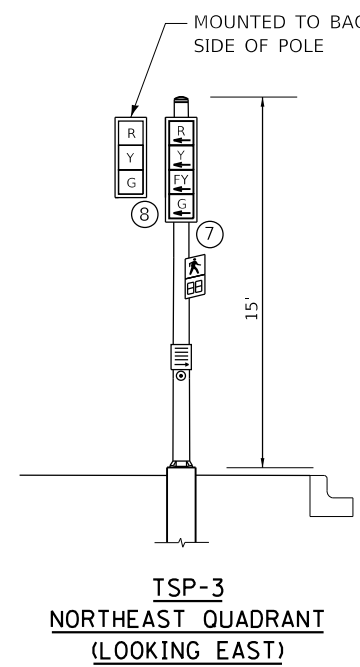
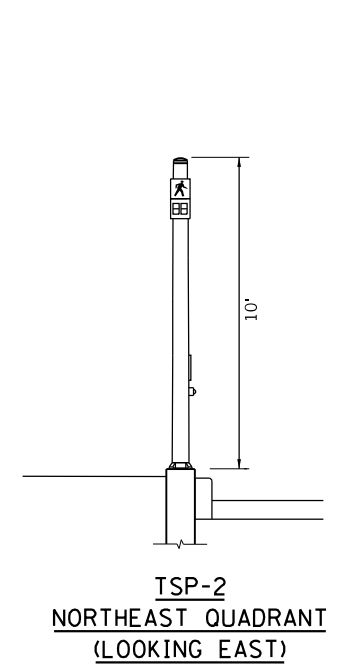
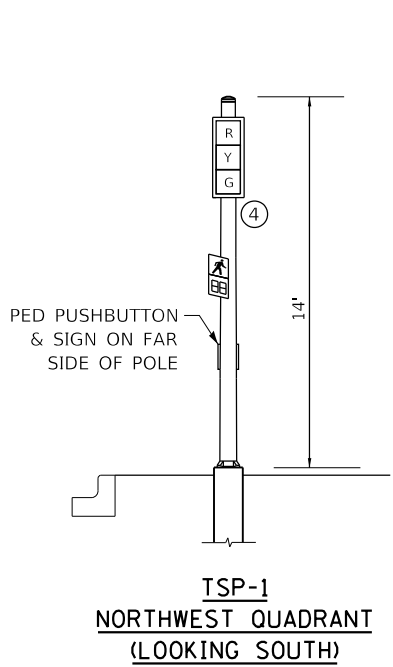
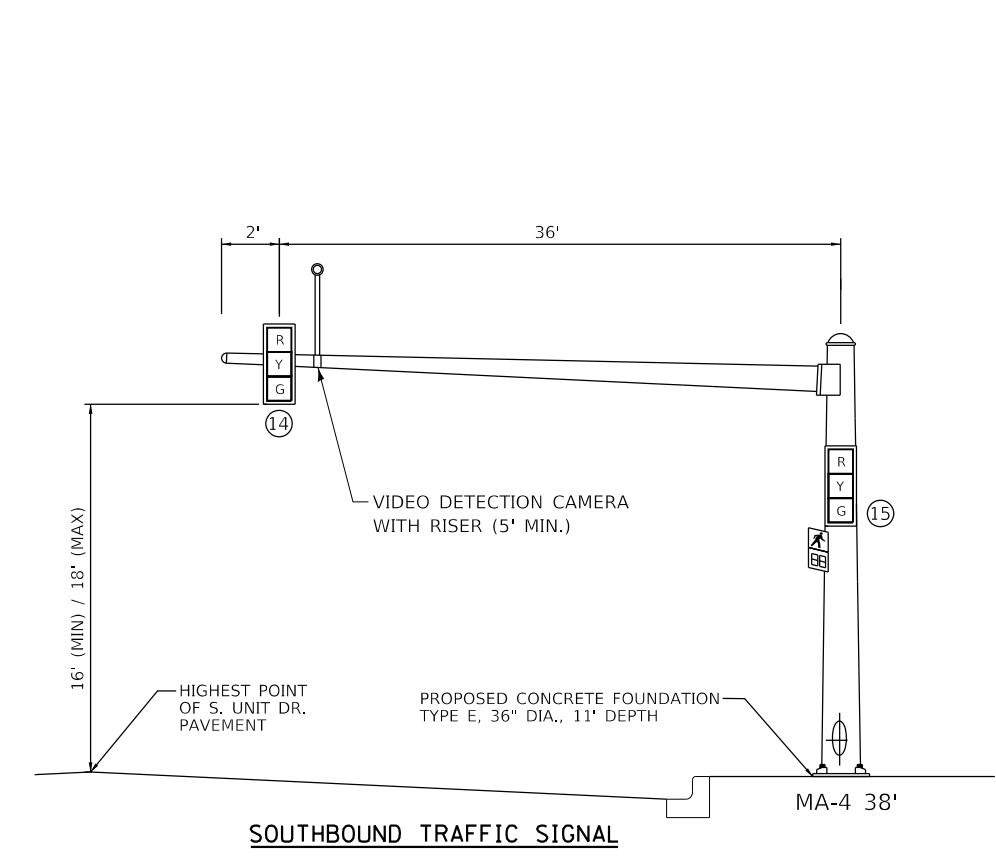
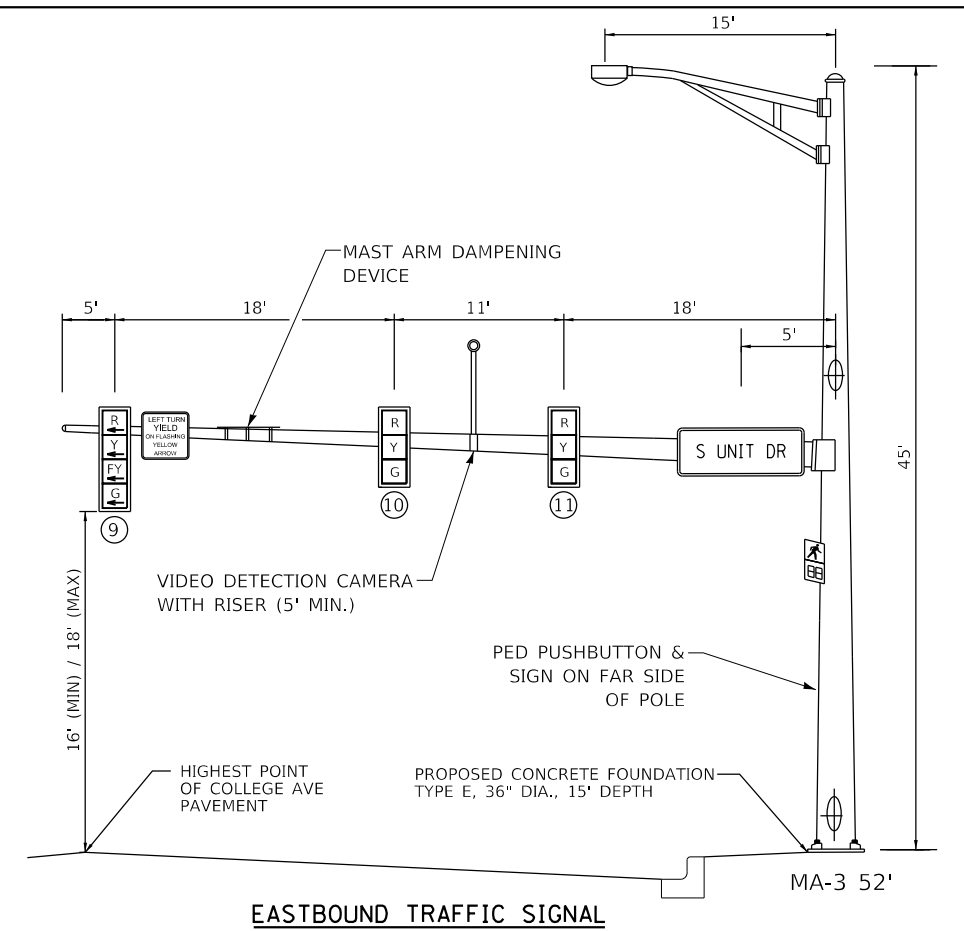
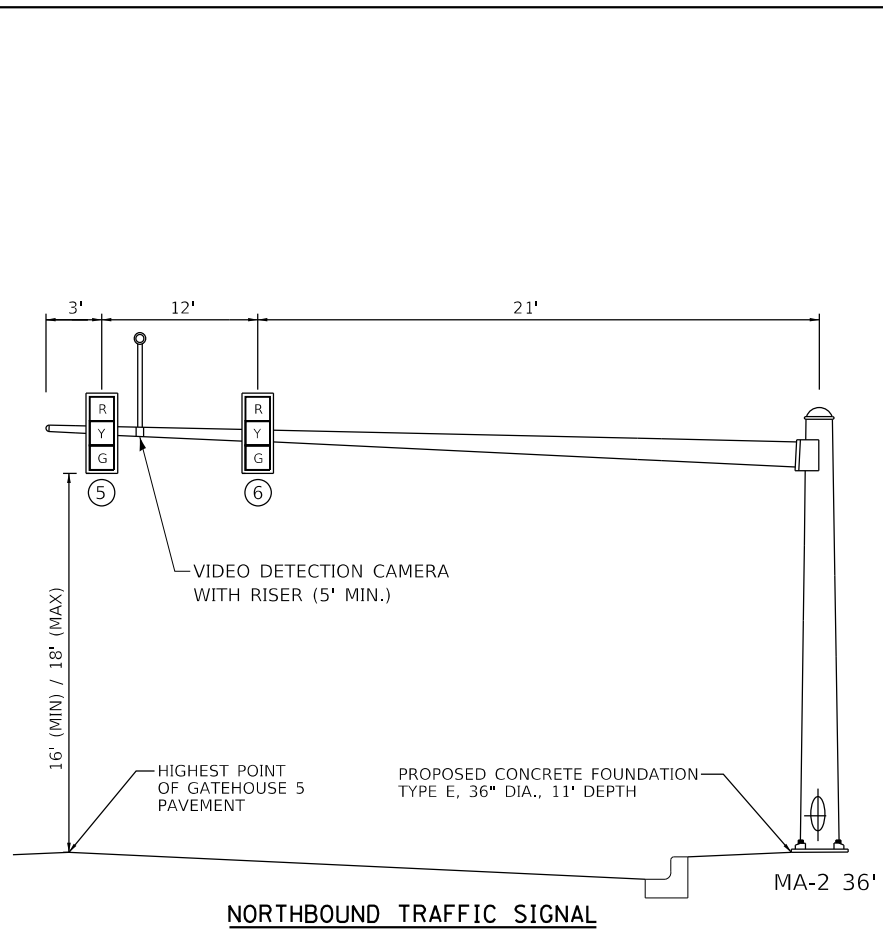
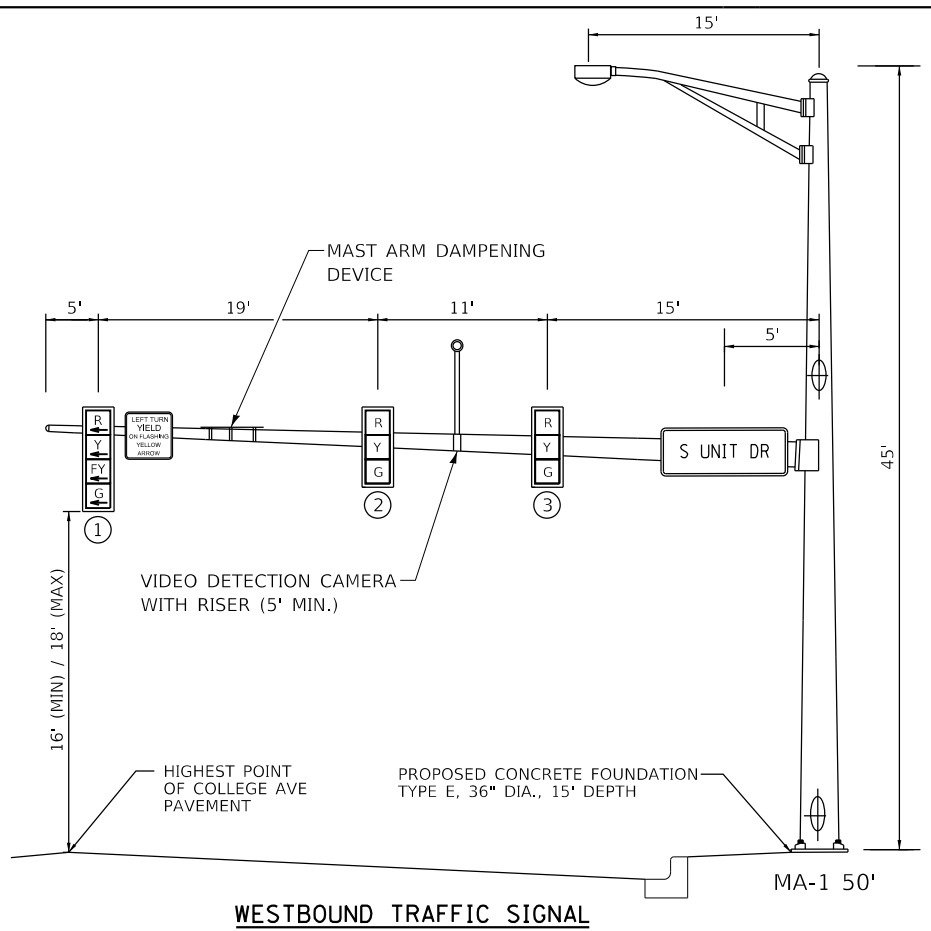
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CABLE PLAN AND PHASE DESIGNATION DIAGRAM  
 W COLLEGE AVE & GATEHOUSE 5/S UNIT DR**

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	178
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

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NOTE: MAST ARM DAMPENING DEVICE IS EQUIDISTANT BETWEEN LAST TWO SIGNAL HEADS ON THE MAST ARM UNLESS OTHERWISE SHOWN.



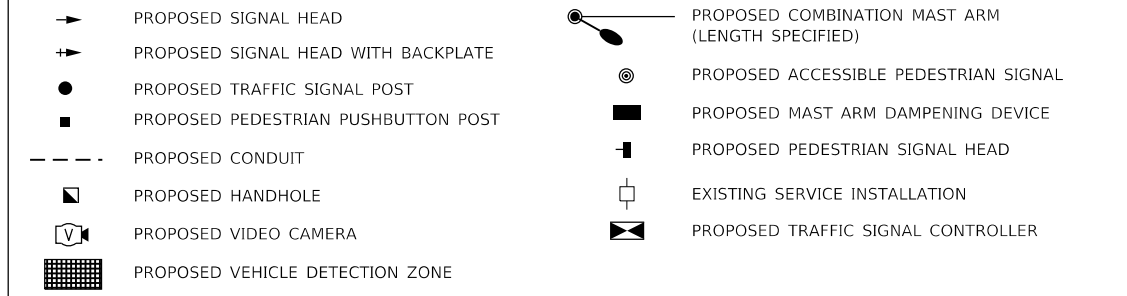
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

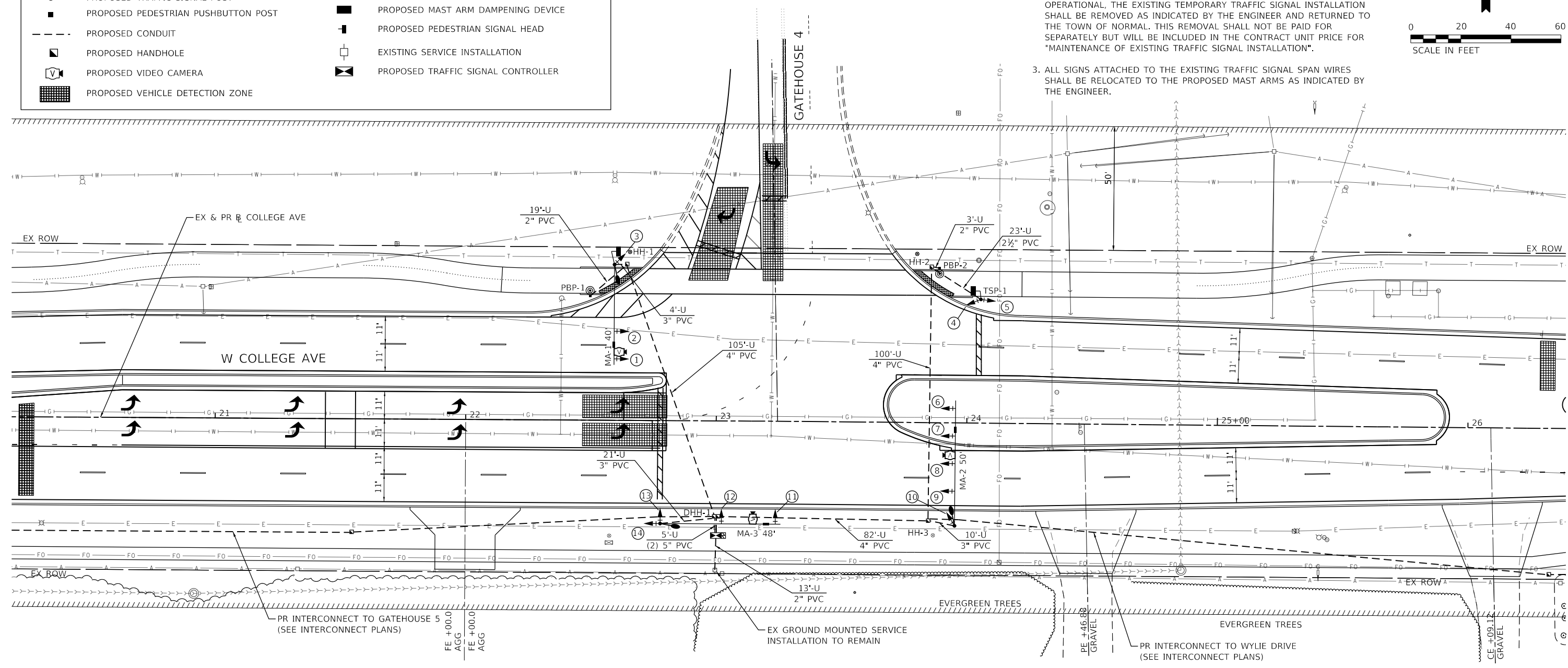
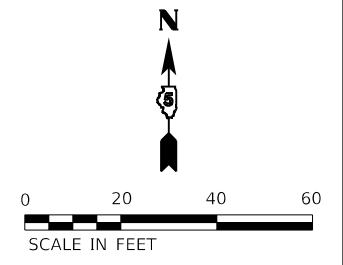
TRAFFIC SIGNAL LOADING DIAGRAMS	
W COLLEGE AVE & S UNIT DR/GATEHOUSE 5	
SCALE: N.T.S.	SHEET 1 OF 1 SHEETS
STA. TO STA.	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	179
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

TRAFFIC SIGNALS LEGEND



- NOTES:
1. FAR-OUT DETECTION ZONES SHALL BE 250' IN ADVANCE OF THE STOP BAR. UP-CLOSE DETECTION ZONES SHALL BEGIN 15' FROM THE CROSS-STREET EDGE OF PAVEMENT.
  2. THE EXISTING TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL BE MAINTAINED THROUGHOUT THE CONSTRUCTION OF THIS PROJECT. ONCE CONSTRUCTION IS COMPLETED AND THE PERMANENT TRAFFIC SIGNALS ARE OPERATIONAL, THE EXISTING TEMPORARY TRAFFIC SIGNAL INSTALLATION SHALL BE REMOVED AS INDICATED BY THE ENGINEER AND RETURNED TO THE TOWN OF NORMAL. THIS REMOVAL SHALL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION".
  3. ALL SIGNS ATTACHED TO THE EXISTING TRAFFIC SIGNAL SPAN WIRES SHALL BE RELOCATED TO THE PROPOSED MAST ARMS AS INDICATED BY THE ENGINEER.



MAST ARM POLE DATA

NO.	STATION	OFFSET	DESCRIPTION
MA-1	22+59.1	62.1' LT	STEEL COMBINATION MAST ARM & POLE, 40 FT
MA-2	23+95.3	41.1' RT	STEEL COMBINATION MAST ARM & POLE, 50 FT
MA-3	22+77.8	41.1' RT	STEEL COMBINATION MAST ARM & POLE, 48 FT

TRAFFIC SIGNAL POST DATA

NO.	STATION	OFFSET	DESCRIPTION
TSP-1	24+05.4	49.3' LT	TRAFFIC SIGNAL POST, ALUMINUM, 14 FT

HANDHOLE DATA

NO.	STATION	OFFSET	DESCRIPTION
HH-1	22+64.0	62.3' LT	HANDHOLE, PORTLAND CEMENT CONCRETE
HH-2	23+85.4	62.1' LT	HANDHOLE, PORTLAND CEMENT CONCRETE
HH-3	23+84.9	39.2' RT	HANDHOLE, PORTLAND CEMENT CONCRETE
DHH-1	23+00.0	38.2' RT	DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE

PEDESTRIAN PUSHBUTTON POST DATA

NO.	STATION	OFFSET	DESCRIPTION
PBP-1	22+49.4	49.5' LT	PEDESTRIAN PUSHBUTTON POST, TYPE II
PBP-2	23+88.9	61.7' LT	PEDESTRIAN PUSHBUTTON POST, TYPE II

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USER NAME = dmeyer	DESIGNED - DPE	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - DRR	REVISED -
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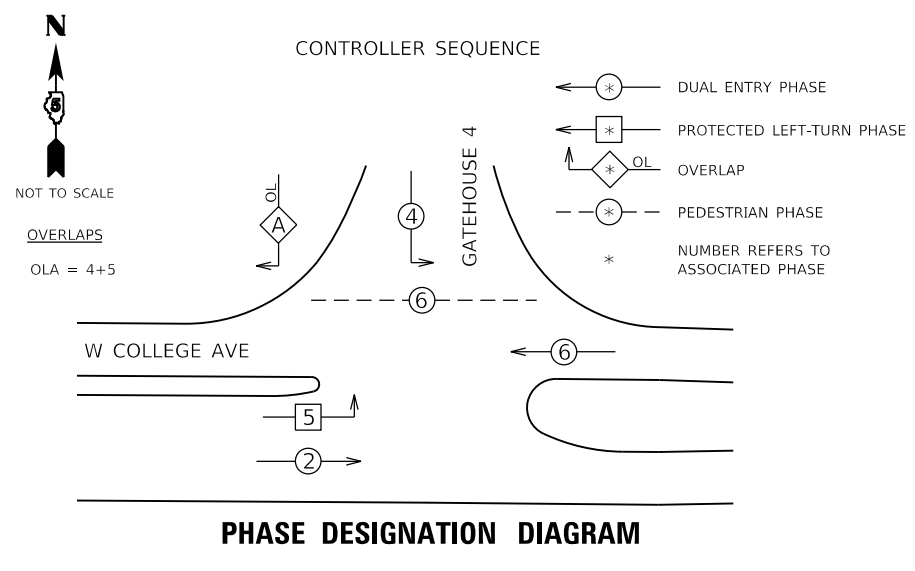
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN  
W COLLEGE AVE & GATEHOUSE 4

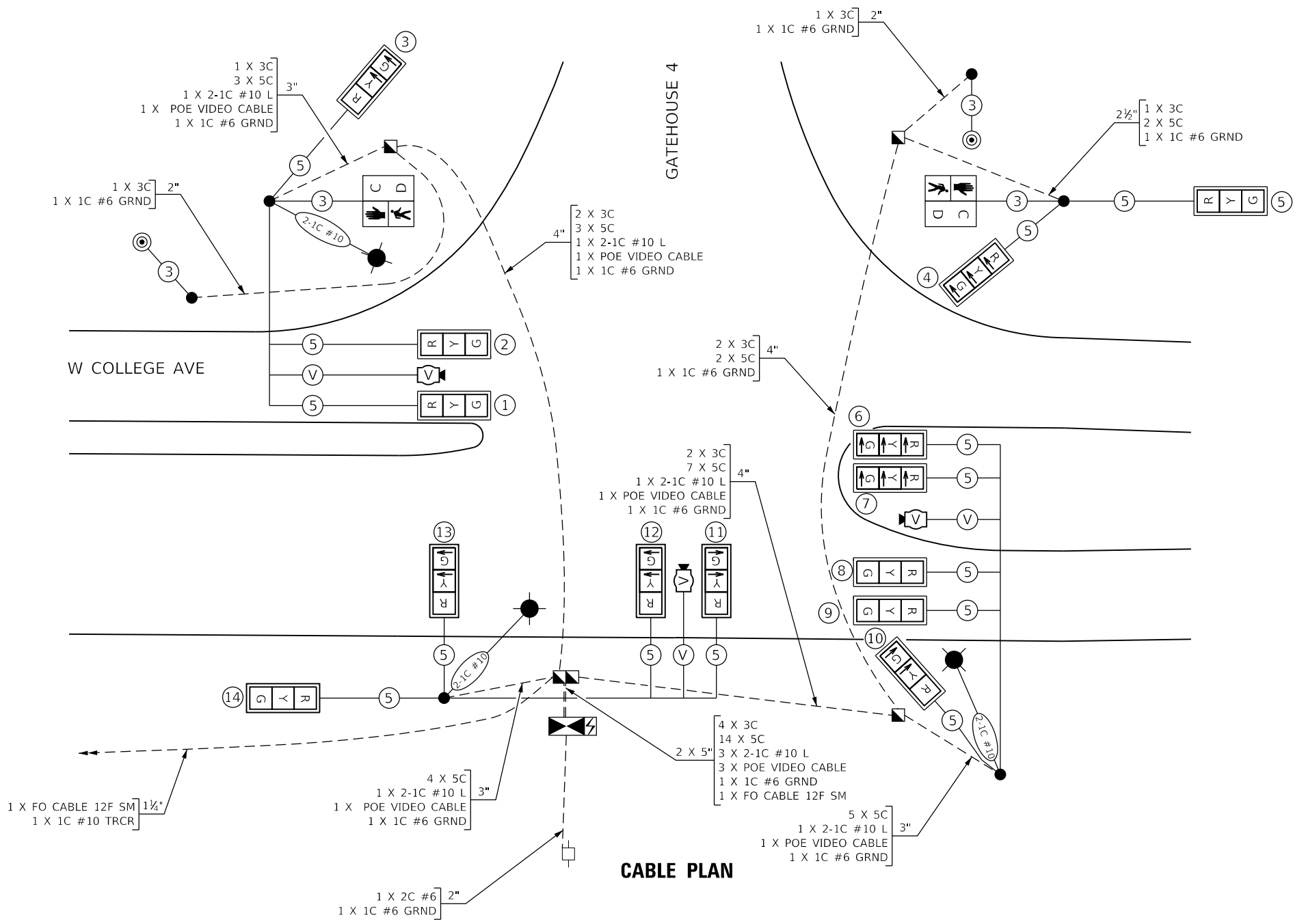
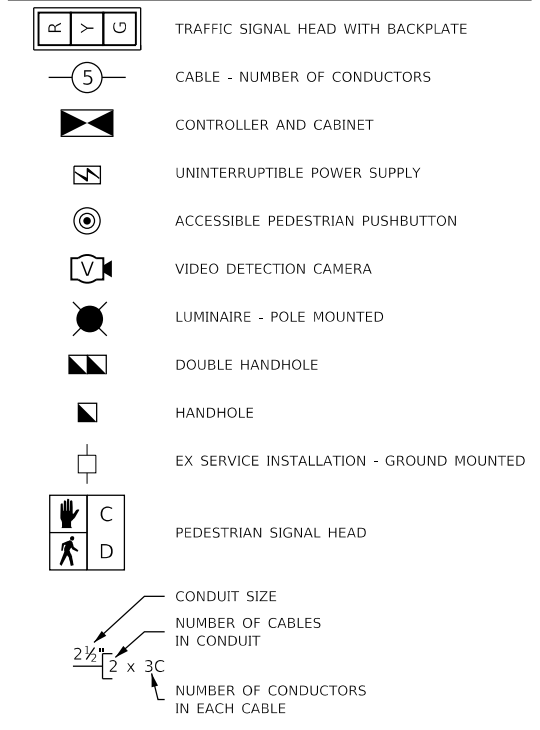
SCALE: 1"=20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 180
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				





**PROPOSED CABLE DIAGRAM LEGEND**



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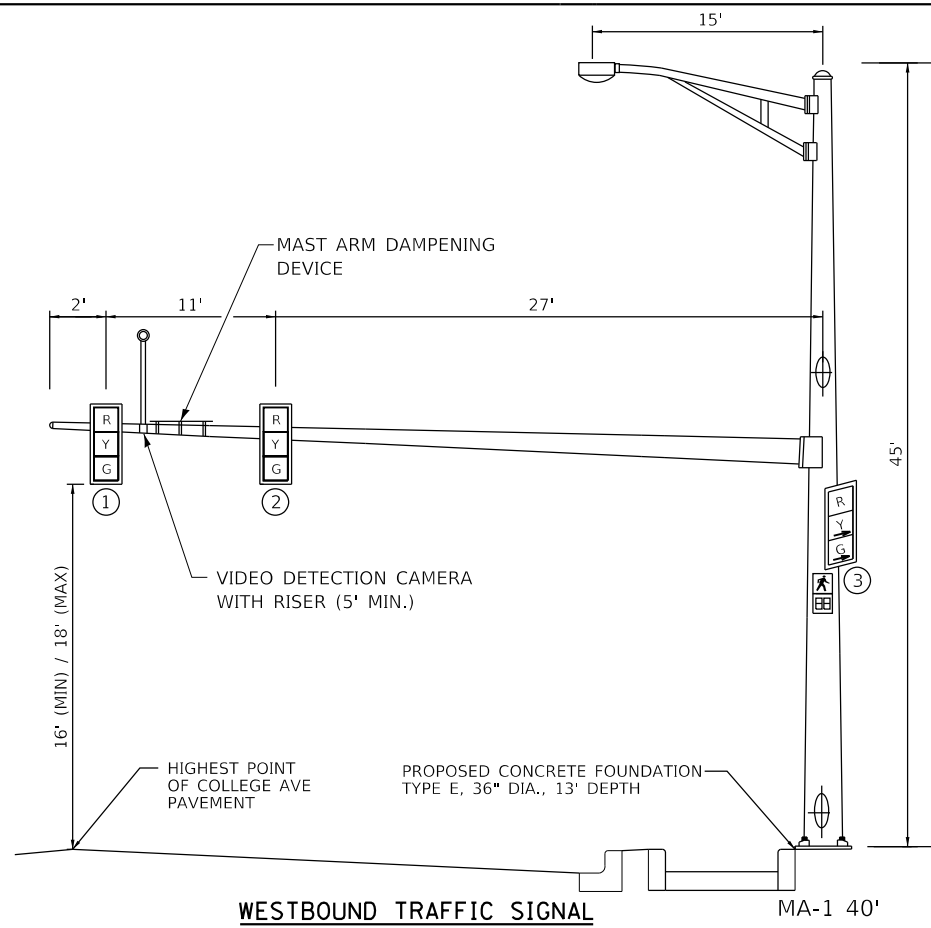
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PLOT DATE = 11/9/2023	CHECKED - RMM	REVISED -
	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**CABLE PLAN AND PHASE DESIGNATION DIAGRAM  
 W COLLEGE AVE & GATEHOUSE 4**

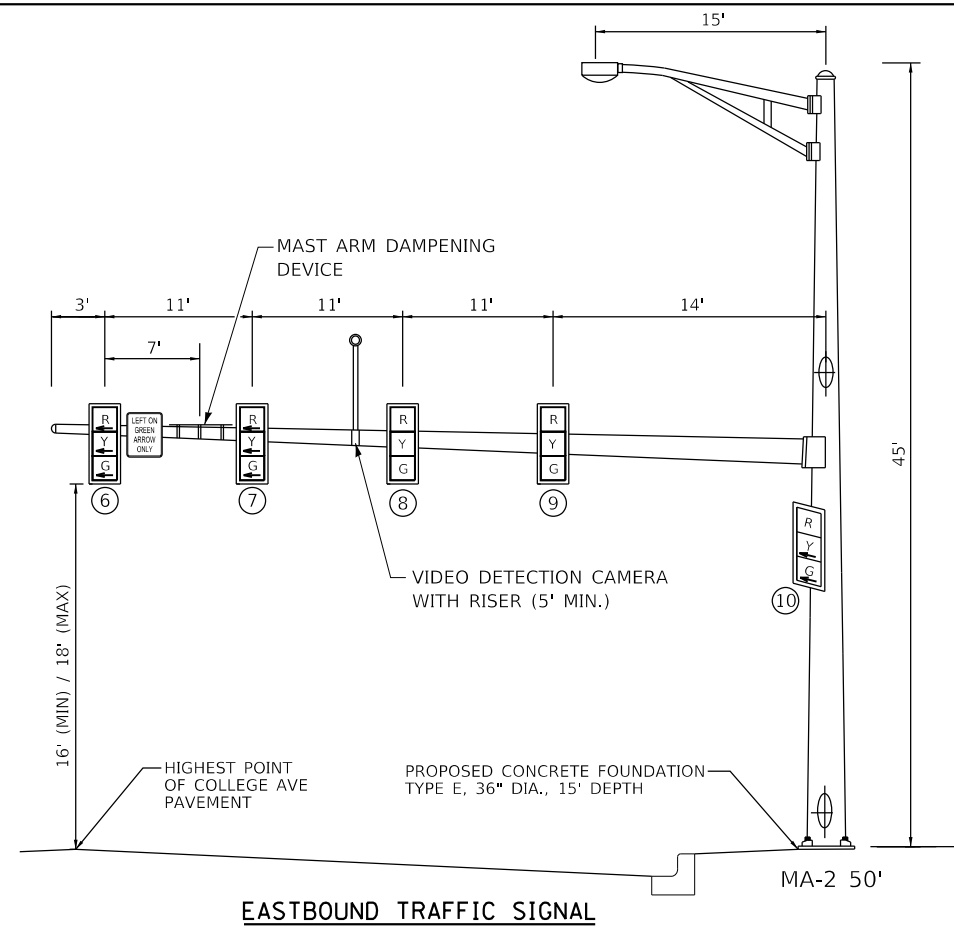
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	181
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



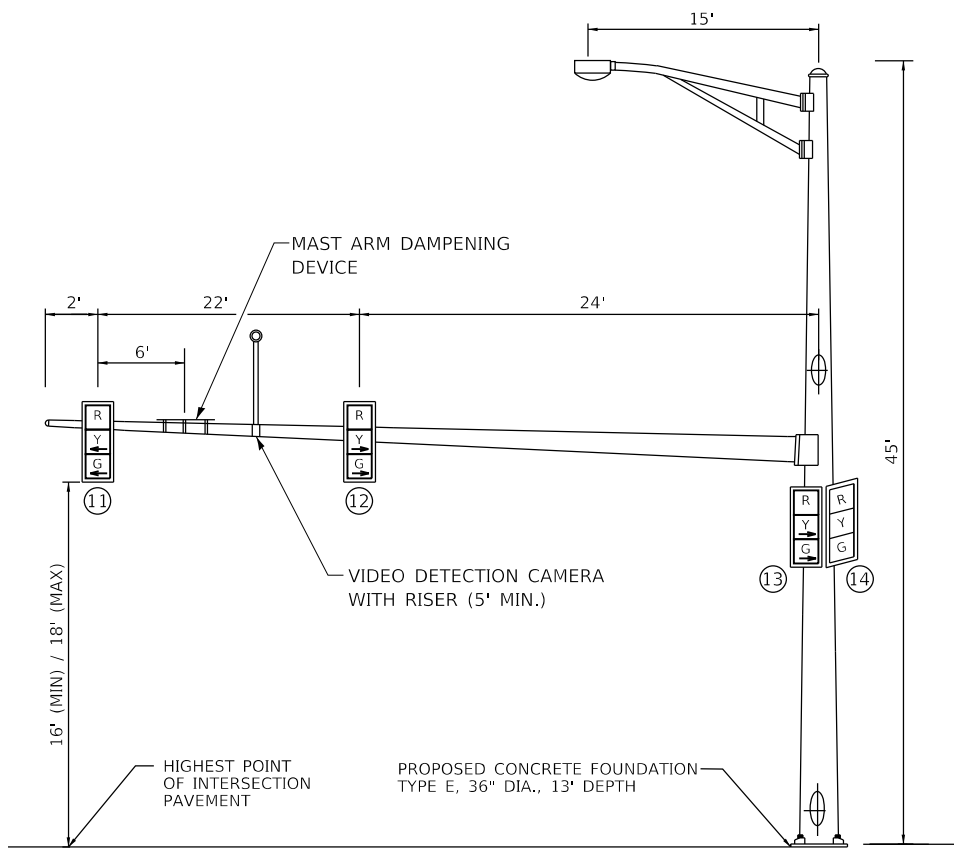
WESTBOUND TRAFFIC SIGNAL

MA-1 40'



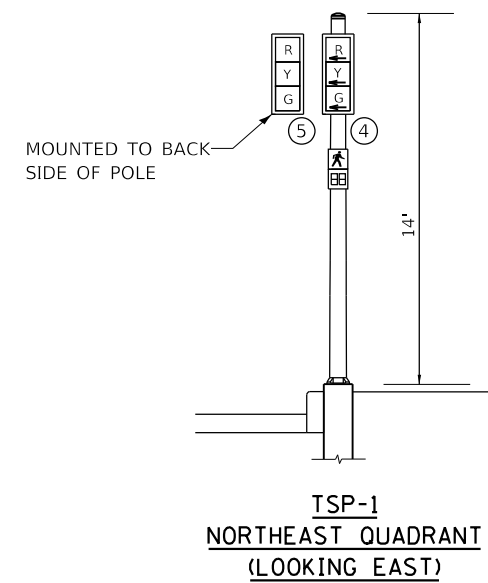
EASTBOUND TRAFFIC SIGNAL

MA-2 50'



SOUTHBOUND TRAFFIC SIGNAL

MA-3 48'



TSP-1  
NORTHEAST QUADRANT  
(LOOKING EAST)

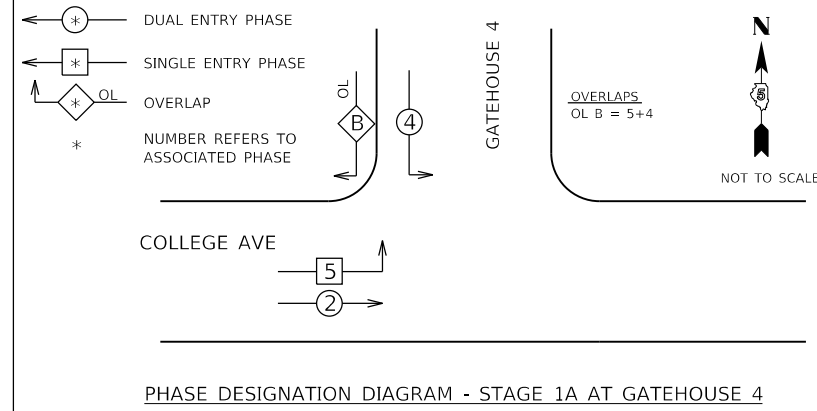
NOTE: MAST ARM DAMPENING DEVICE IS EQUIDISTANT BETWEEN LAST TWO SIGNAL HEADS ON THE MAST ARM UNLESS OTHERWISE SHOWN.

MODEL: Default  
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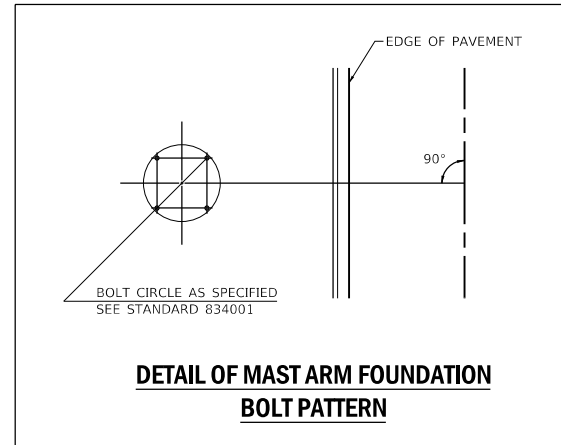
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	DATE - 11/09/2023	REVISED -

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

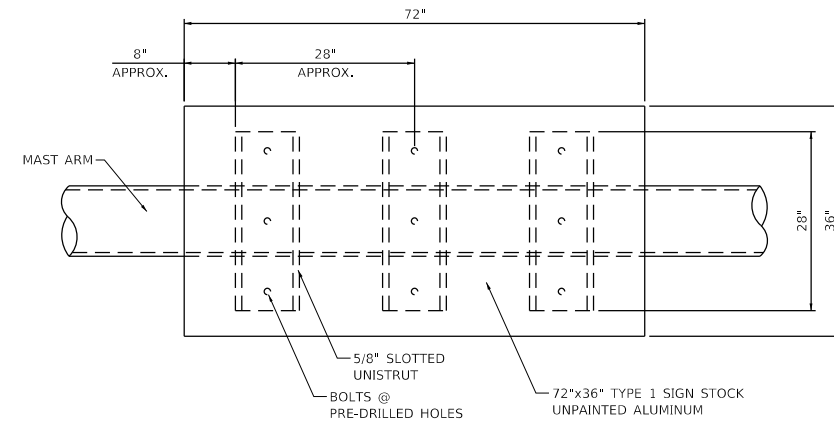
TEMPORARY CONTROLLER SEQUENCE



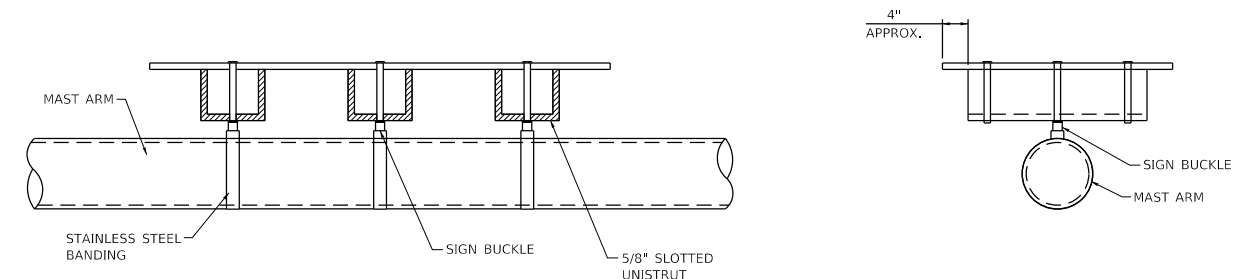
PHASE DESIGNATION DIAGRAM - STAGE 1A AT GATEHOUSE 4



DETAIL OF MAST ARM FOUNDATION  
BOLT PATTERN



PLAN VIEW

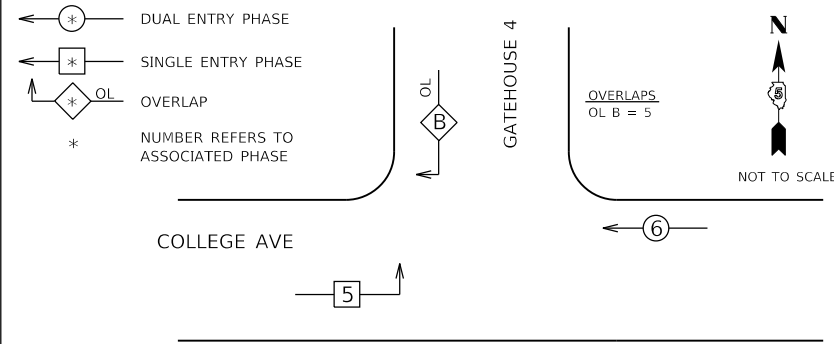


ELEVATION

CROSS SECTION

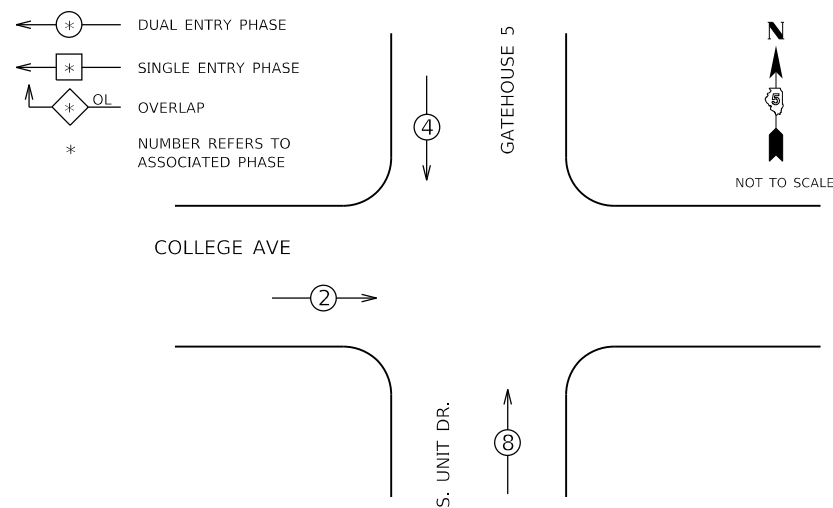
MAST ARM DAMPENING DEVICE MOUNTING DETAIL

TEMPORARY CONTROLLER SEQUENCE



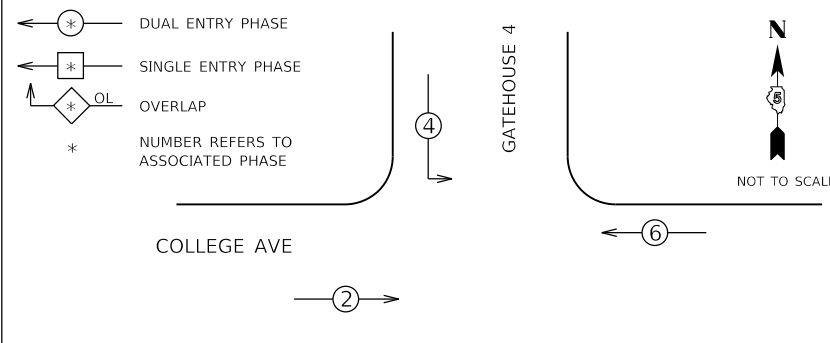
PHASE DESIGNATION DIAGRAM - STAGE 1B AT GATEHOUSE 4

TEMPORARY CONTROLLER SEQUENCE



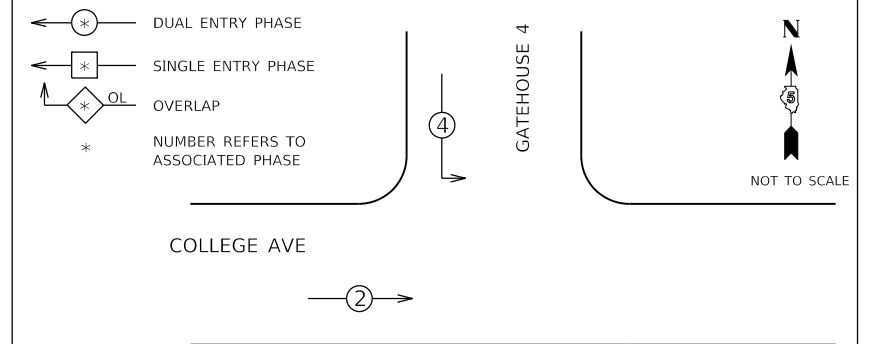
PHASE DESIGNATION DIAGRAM - STAGES 2A AND 2B AT S. UNIT DR./GATEHOUSE 5

TEMPORARY CONTROLLER SEQUENCE



PHASE DESIGNATION DIAGRAM - STAGE 2A AT GATEHOUSE 4

TEMPORARY CONTROLLER SEQUENCE

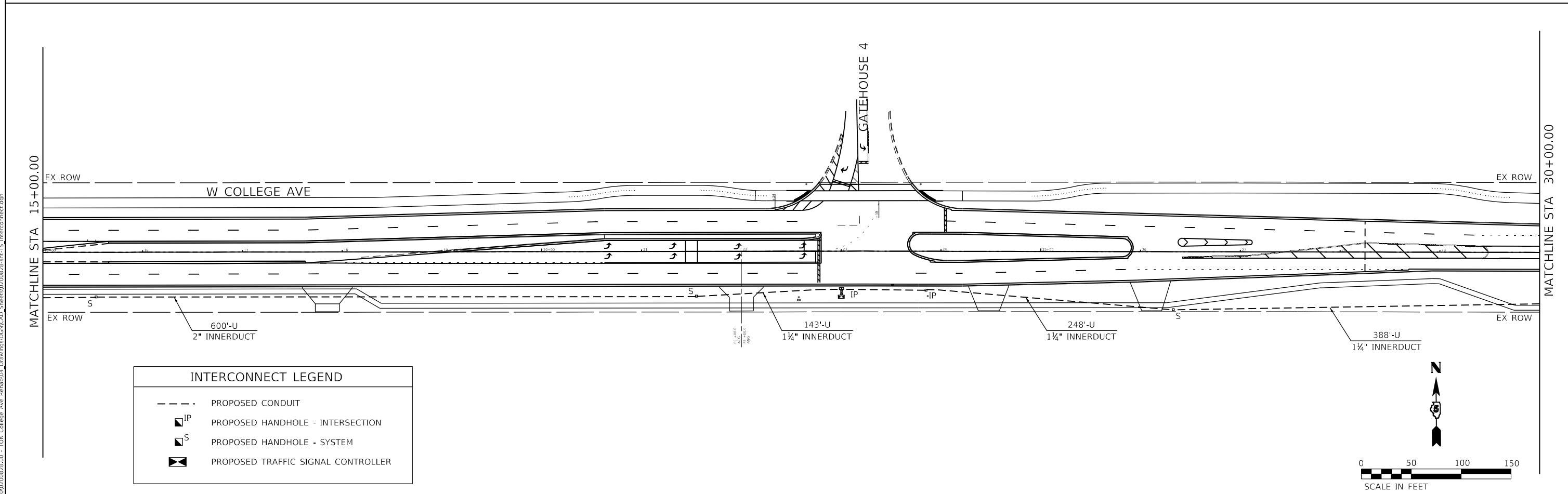
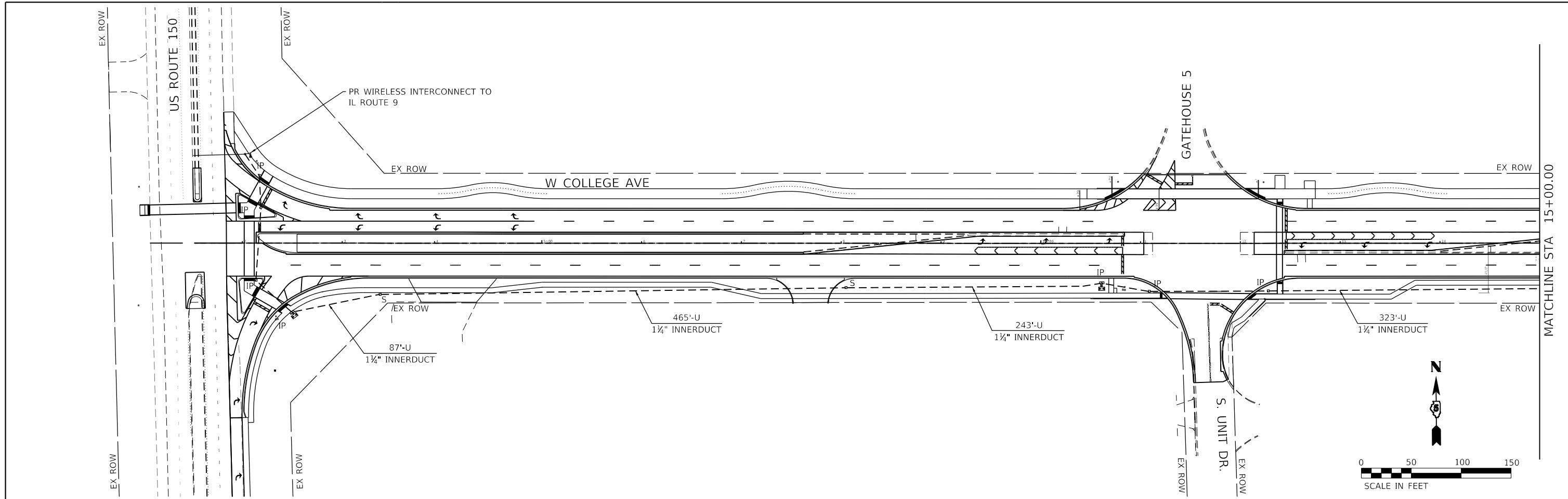


PHASE DESIGNATION DIAGRAM - STAGE 2B AT GATEHOUSE 4

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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	183
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



INTERCONNECT LEGEND	
	PROPOSED CONDUIT
	PROPOSED HANDHOLE - INTERSECTION
	PROPOSED HANDHOLE - SYSTEM
	PROPOSED TRAFFIC SIGNAL CONTROLLER

MODEL: Default  
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 2708 MCGRAW DRIVE  
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 (309) 663-8435 / info@f-w.com

USER NAME = dmeyer	DESIGNED - DPE	REVISED -
PLOT SCALE = 100.0000' / in.	DRAWN - DRR	REVISED -
PLOT DATE = 11/9/2023	CHECKED - RMM	REVISED -
	DATE - 11/09/2023	REVISED -

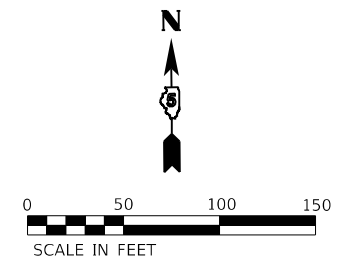
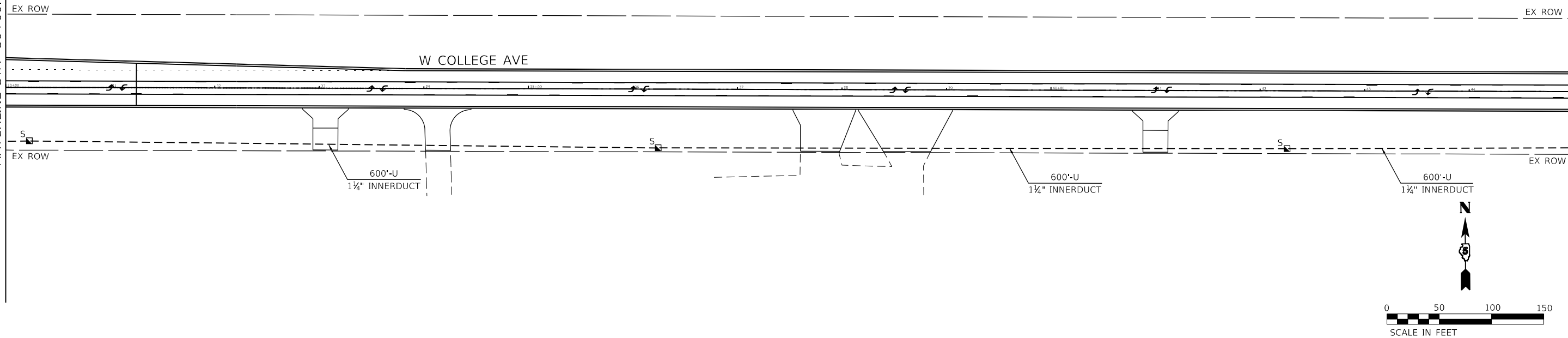
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>INTERCONNECT PLAN          WEST COLLEGE AVENUE</b>		
SCALE: 1" = 50'	SHEET 1 OF 3 SHEETS	STA. 1+83.90 TO STA. 30+00.00

F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 184
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

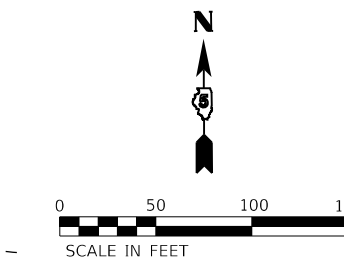
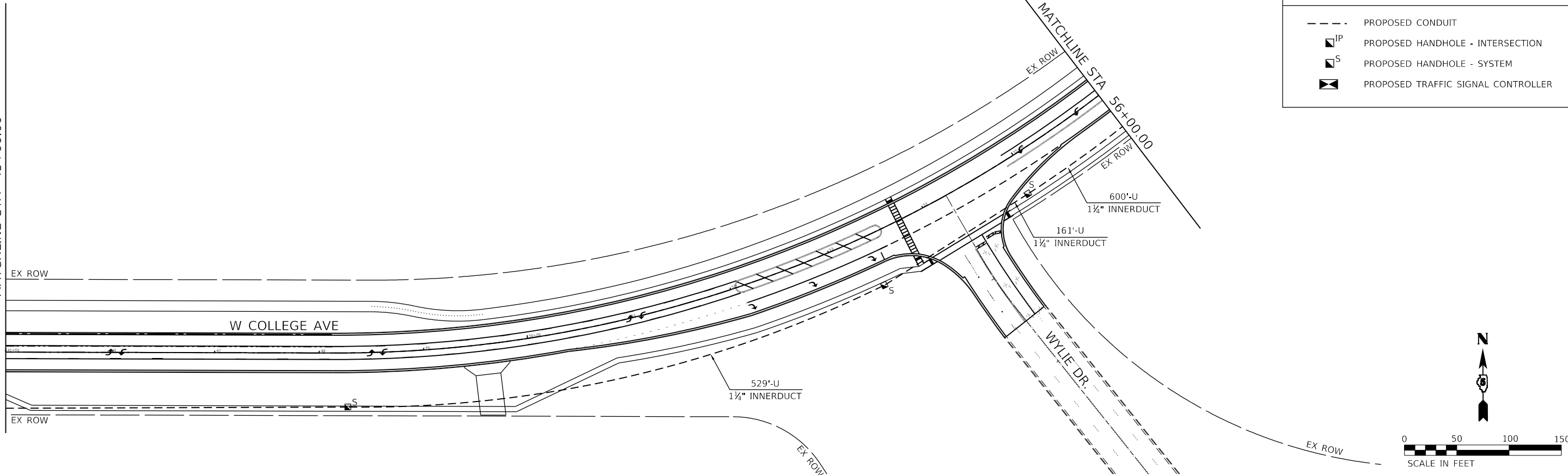
MATCHLINE STA 30+00.00

MATCHLINE STA 45+00.00



MATCHLINE STA 45+00.00

MATCHLINE STA 56+00.00



INTERCONNECT LEGEND	
---	PROPOSED CONDUIT
IP	PROPOSED HANDHOLE - INTERSECTION
S	PROPOSED HANDHOLE - SYSTEM
◀▶	PROPOSED TRAFFIC SIGNAL CONTROLLER

MODEL: Default  
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 BLOOMINGTON, ILLINOIS 61704  
 (309) 663-8435 / info@f-w.com

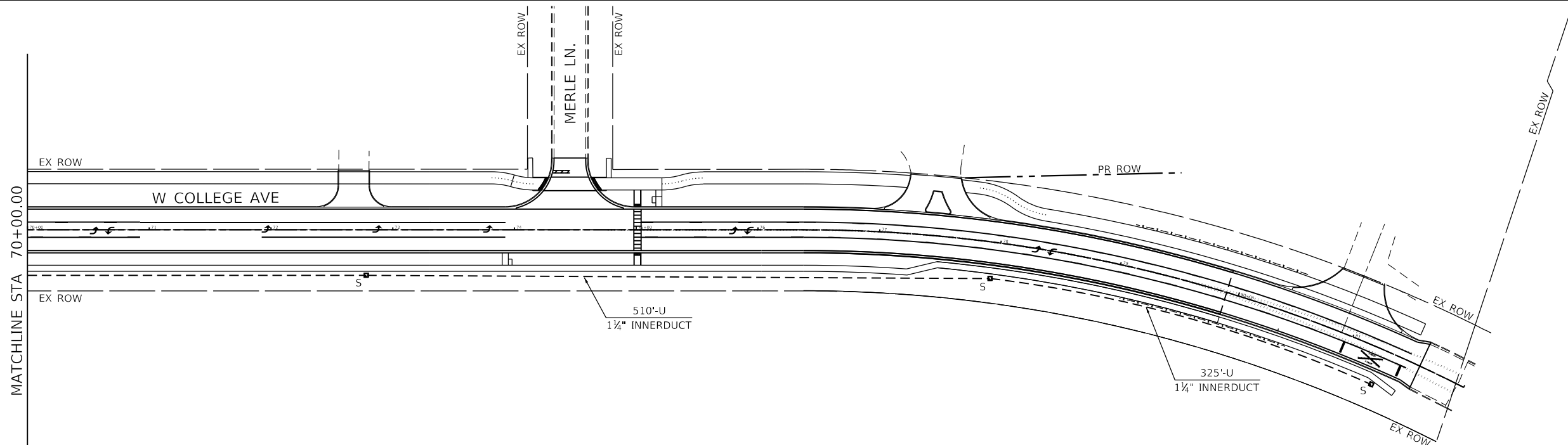
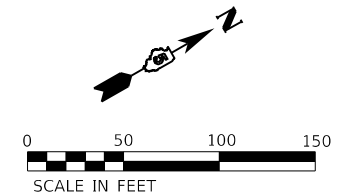
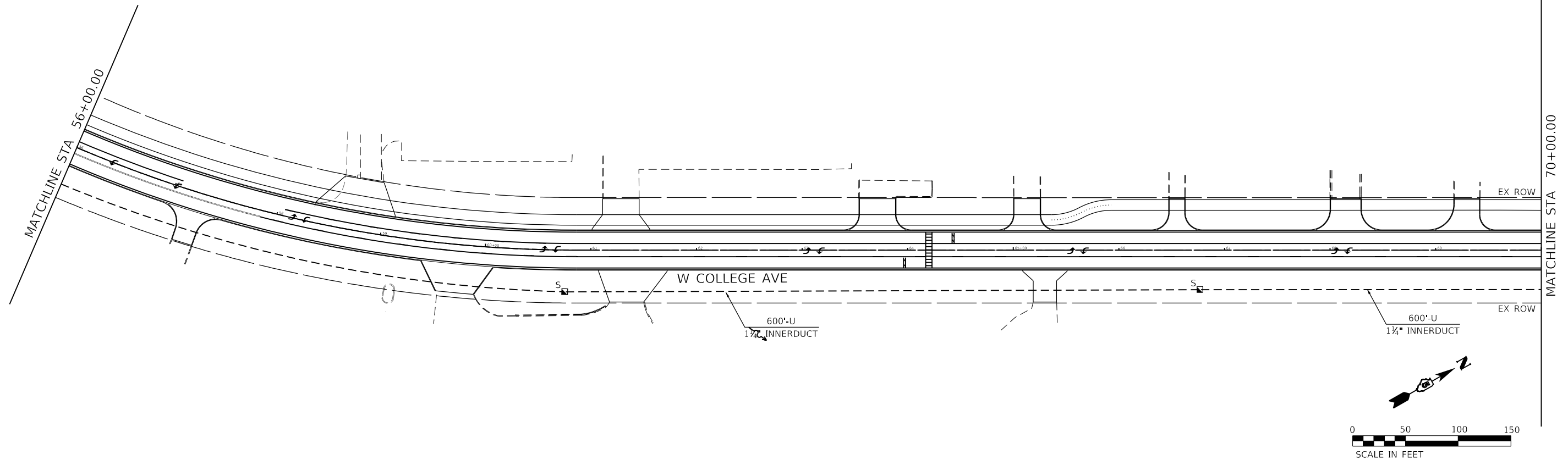
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	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

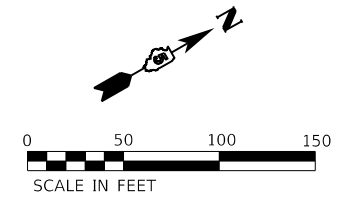
**INTERCONNECT PLAN  
 WEST COLLEGE AVENUE**

SCALE: 1" = 50'    SHEET 2 OF 3 SHEETS    STA. 30+00.00 TO STA. 56+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	185
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



INTERCONNECT LEGEND	
	PROPOSED CONDUIT
	PROPOSED HANDHOLE - INTERSECTION
	PROPOSED HANDHOLE - SYSTEM
	PROPOSED TRAFFIC SIGNAL CONTROLLER



MODEL: Default  
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**Farnsworth GROUP**  
 2709 MCGRAW DRIVE  
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 (309) 663-8435 / info@f-w.com

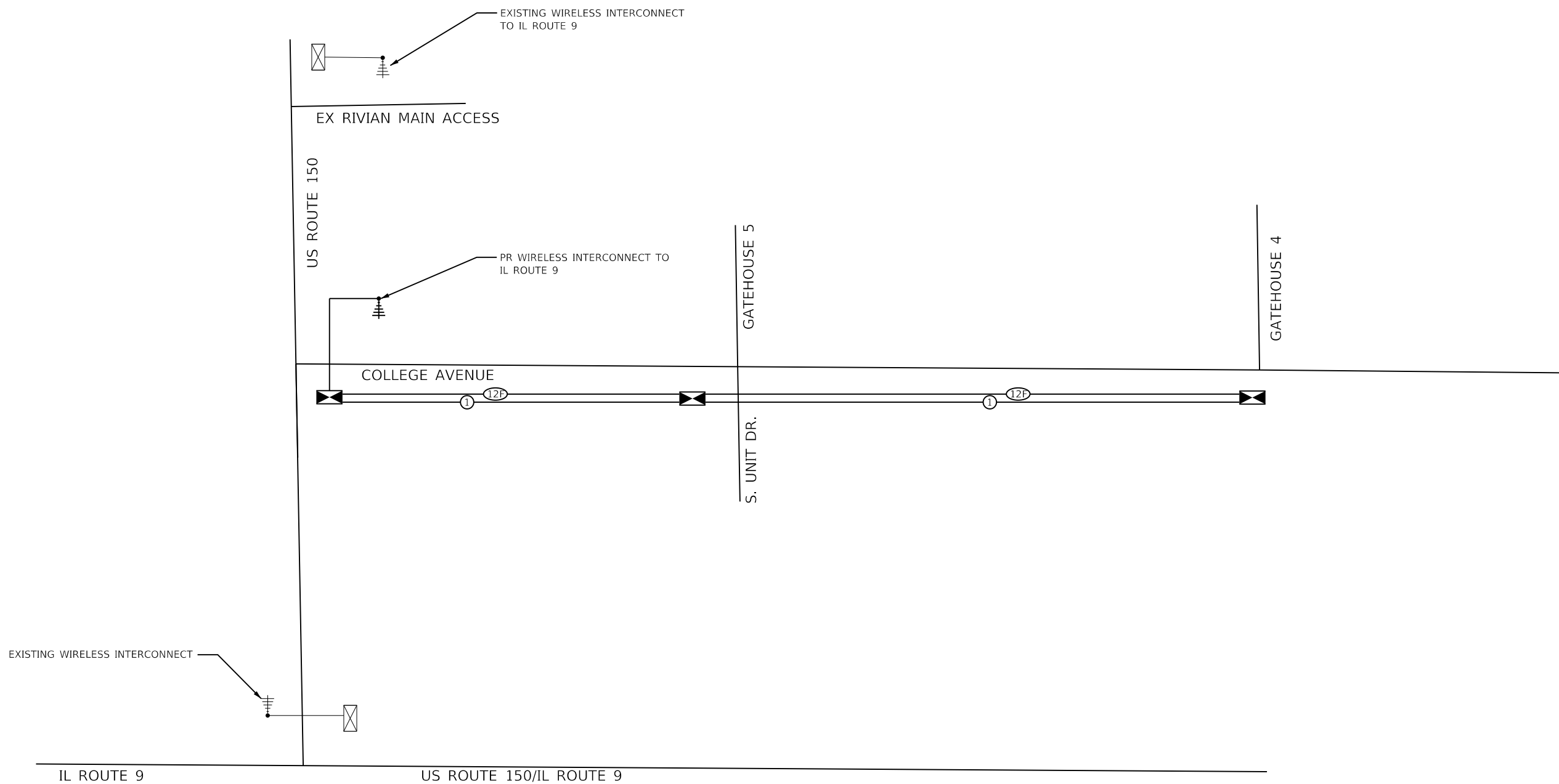
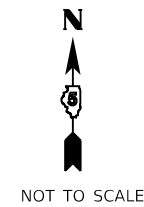
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	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**INTERCONNECT PLAN**  
**WEST COLLEGE AVENUE**

SCALE: 1" = 50'    SHEET 3 OF 3 SHEETS    STA. 56+00.00 TO STA. 82+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	186
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



MODEL: Default  
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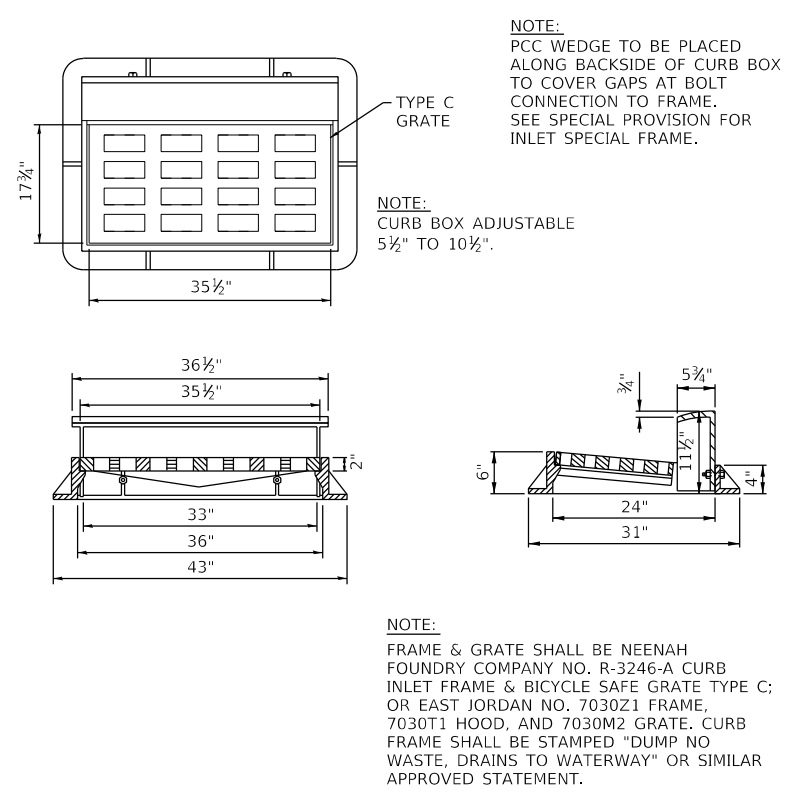
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**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

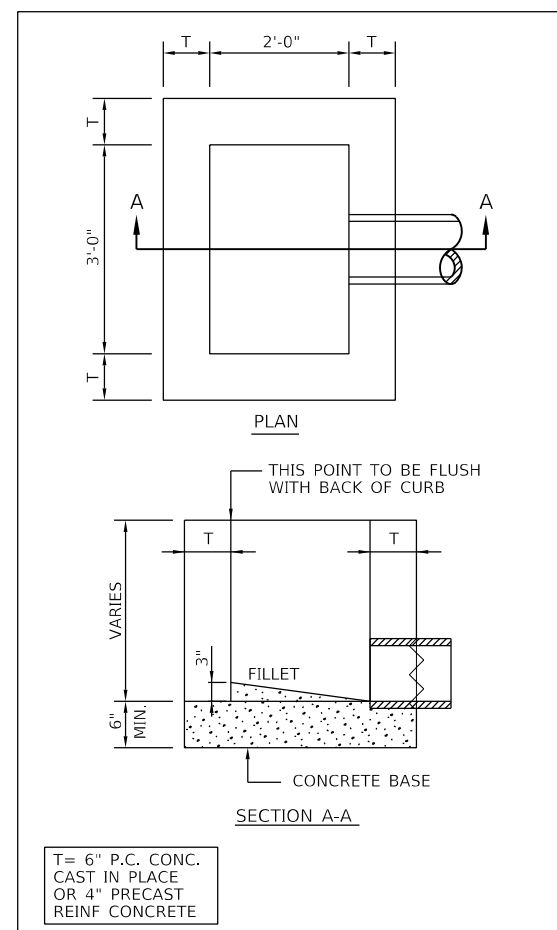
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**WEST COLLEGE AVENUE**

SCALE: N.T.S.    SHEET 1 OF 1 SHEETS    STA.    TO STA.

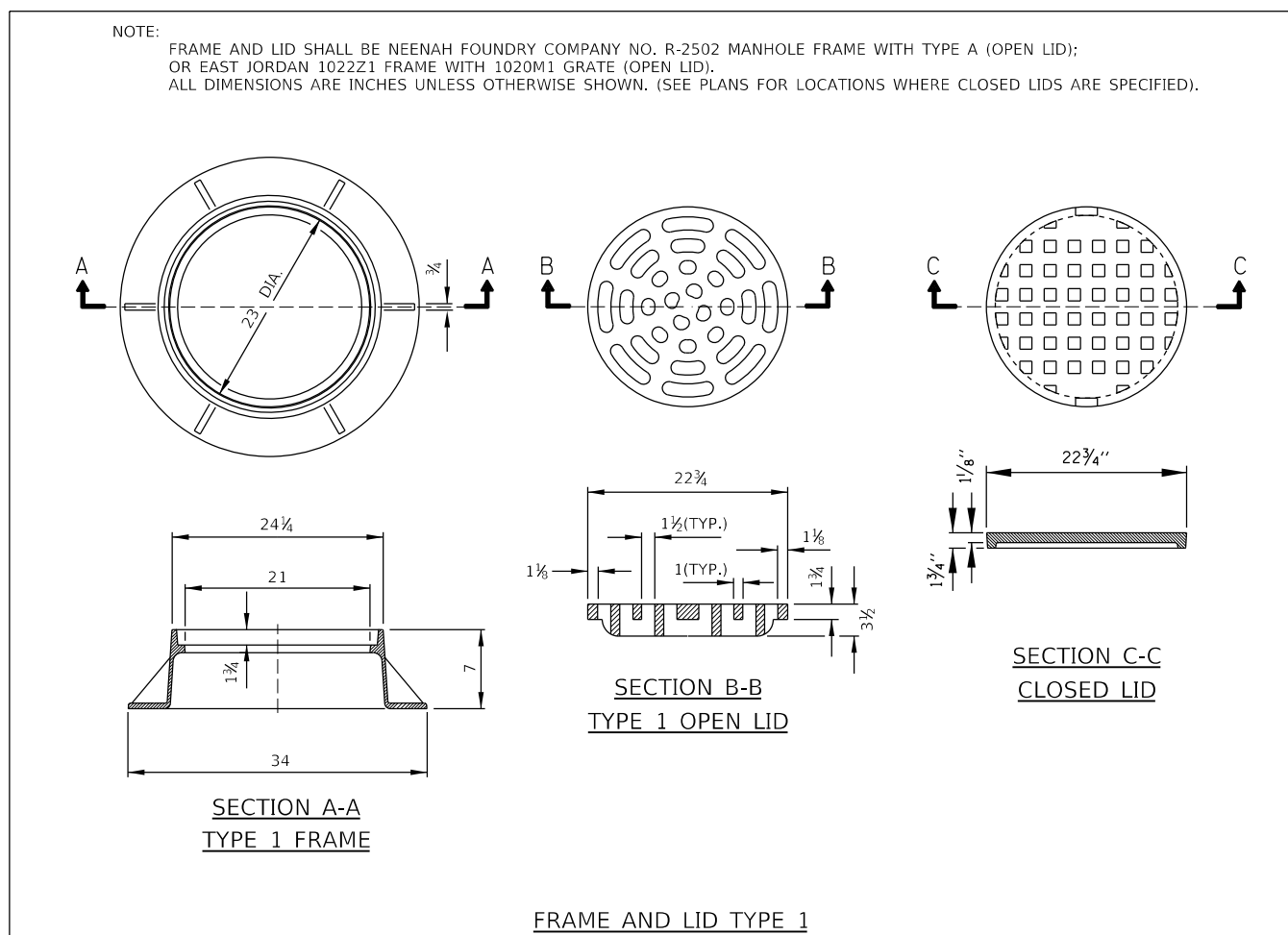
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	187
CONTRACT NO. 91619				
		ILLINOIS	FED. AID PROJECT	



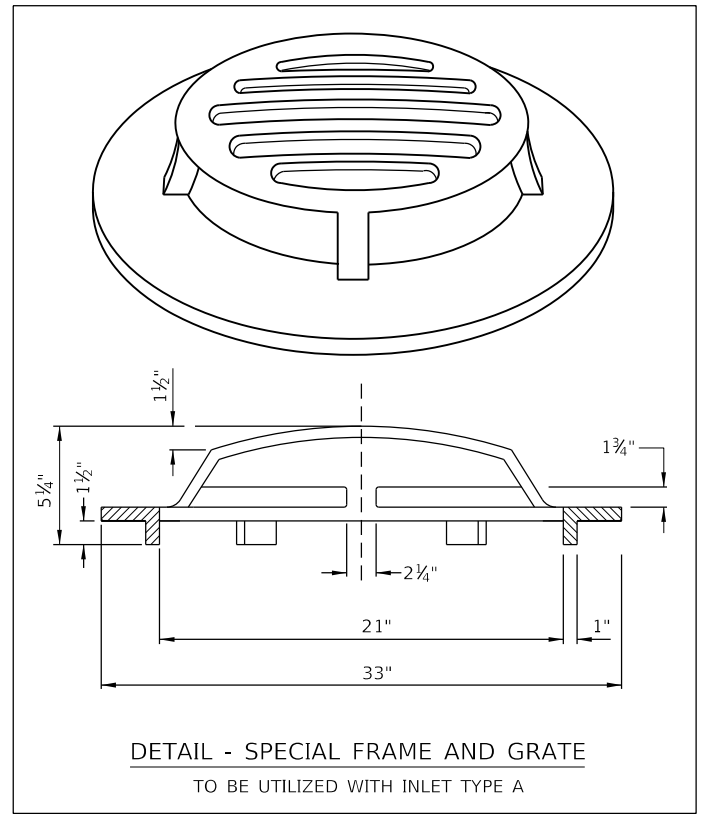
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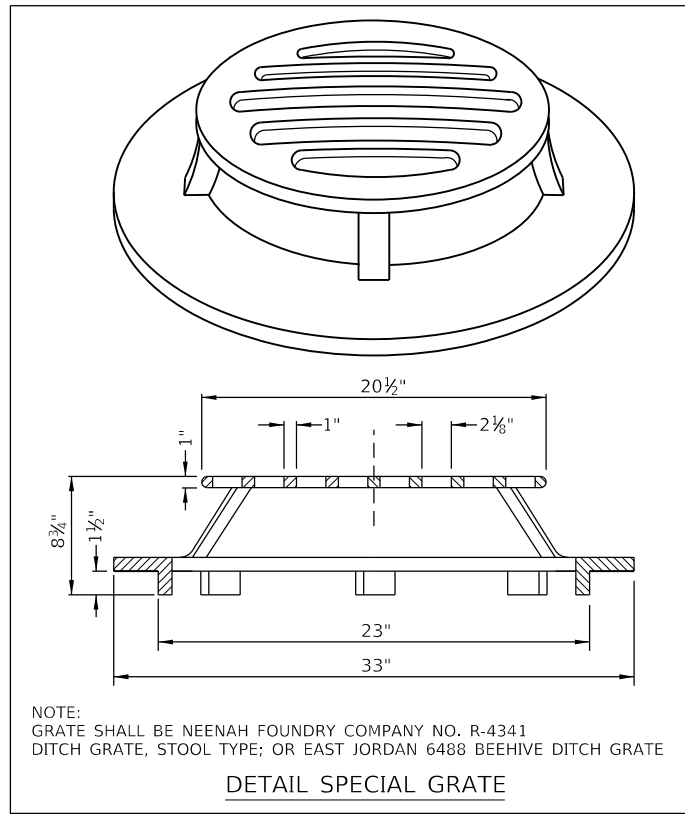
INLET TYPE SPECIAL



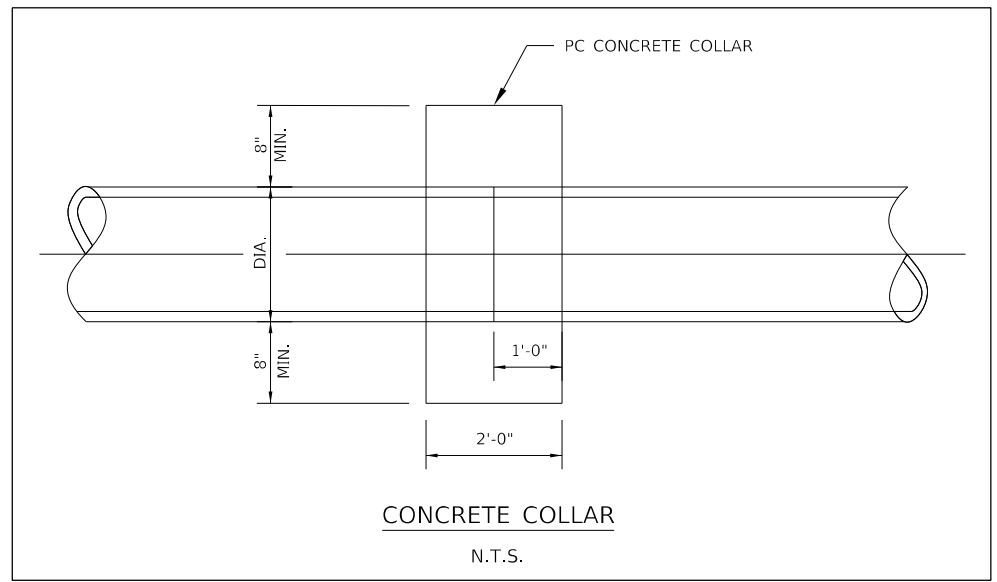
FRAME AND LID TYPE 1



DETAIL - SPECIAL FRAME AND GRATE TO BE UTILIZED WITH INLET TYPE A



DETAIL SPECIAL GRATE



CONCRETE COLLAR N.T.S.

MODEL: Default; FILE NAME: J:\2023\2023000238.00 - TDM College Ave Rehabilitation Drawing\DWG\CAD Sheets\2023000238.00-rt-misc\_details.dgn

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BLOOMINGTON, ILLINOIS 61704  
(309) 663-8435 / info@f-w.com

USER NAME = dembley	DESIGNED - KLM	REVISED -
PLOT SCALE = 2.0000' / in.	DRAWN - DRR	REVISED -
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	DATE - 11/09/2023	REVISED -

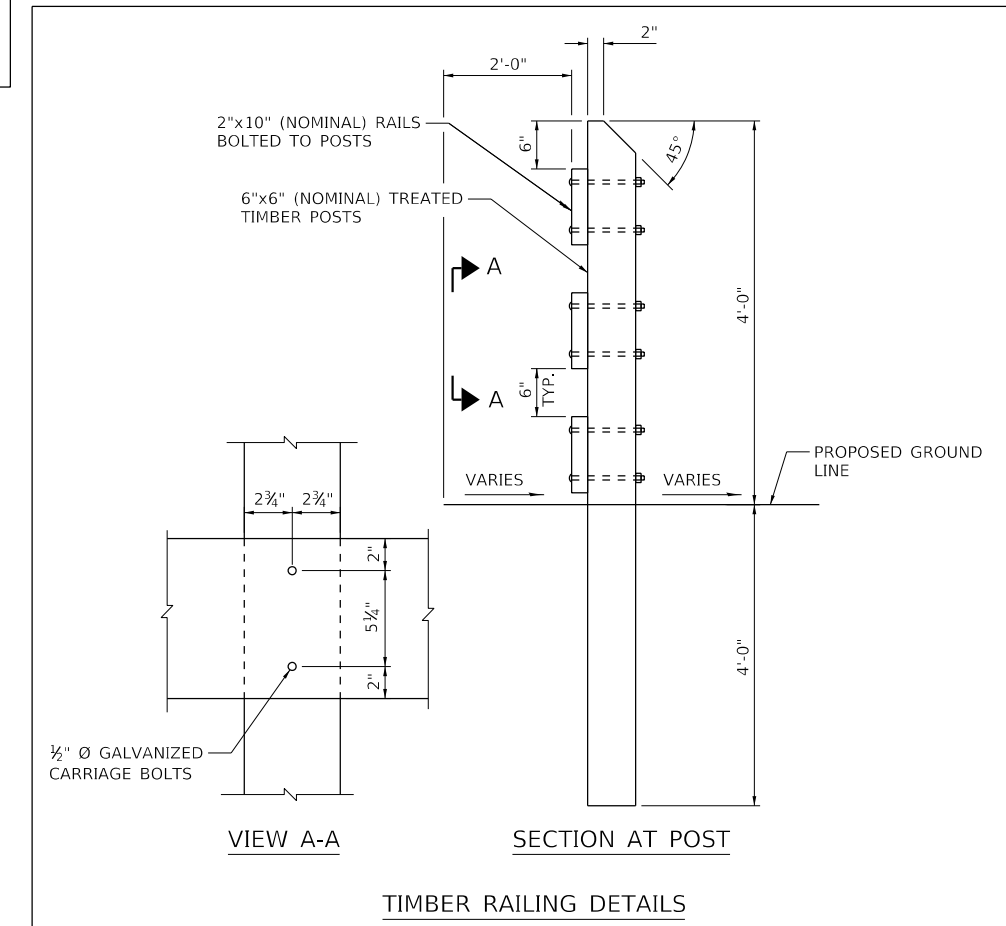
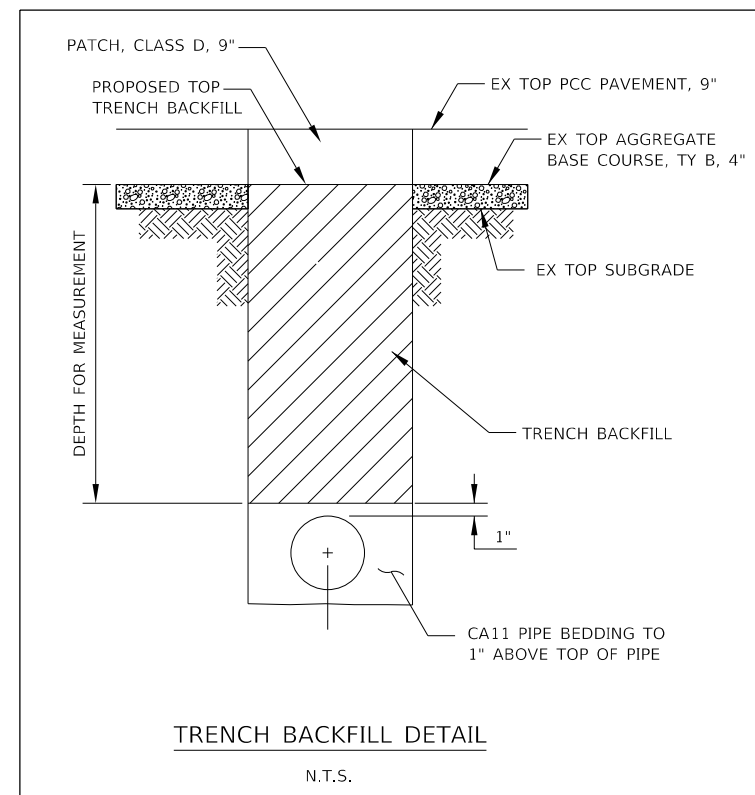
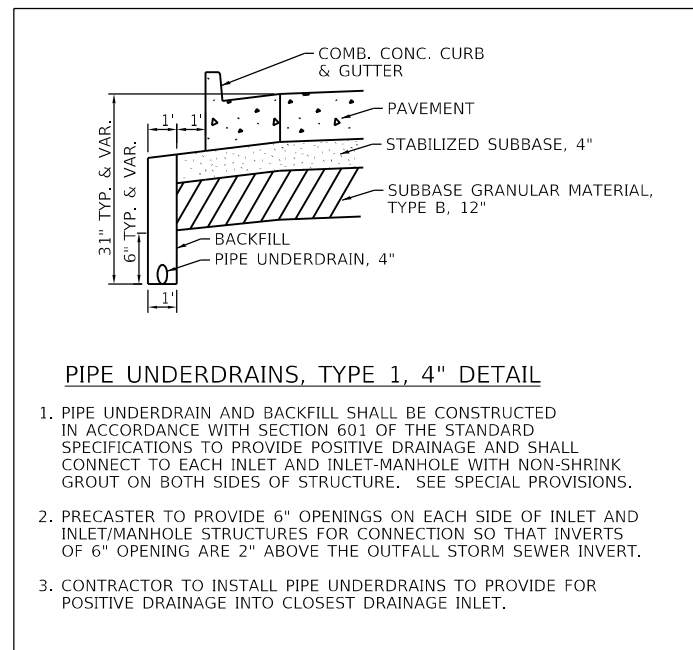
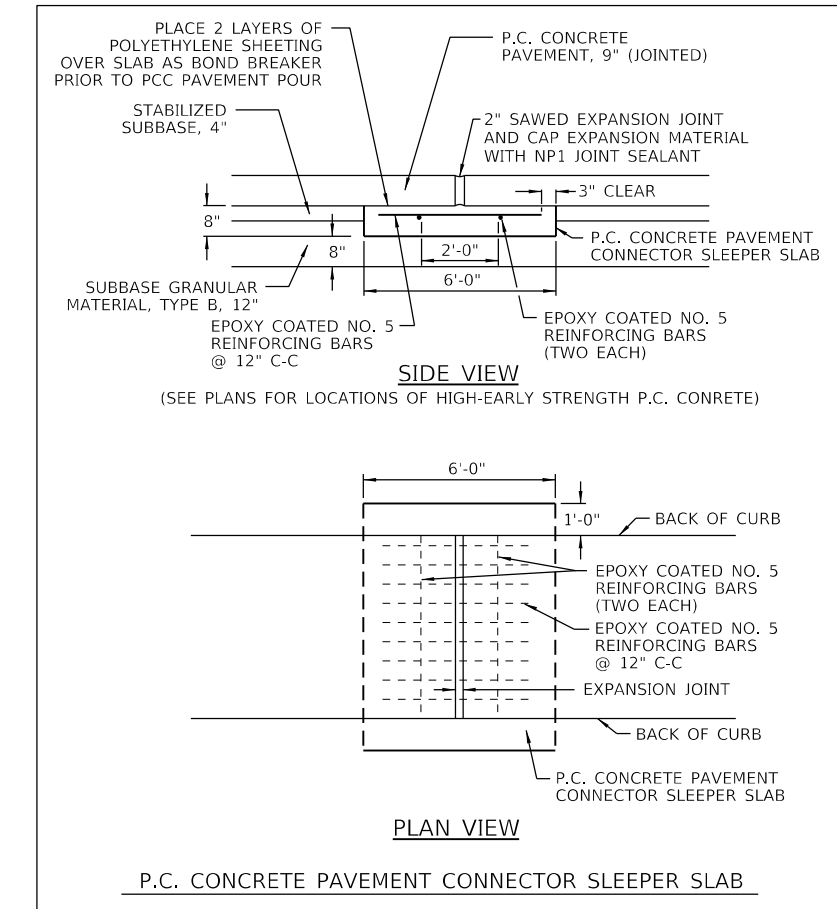
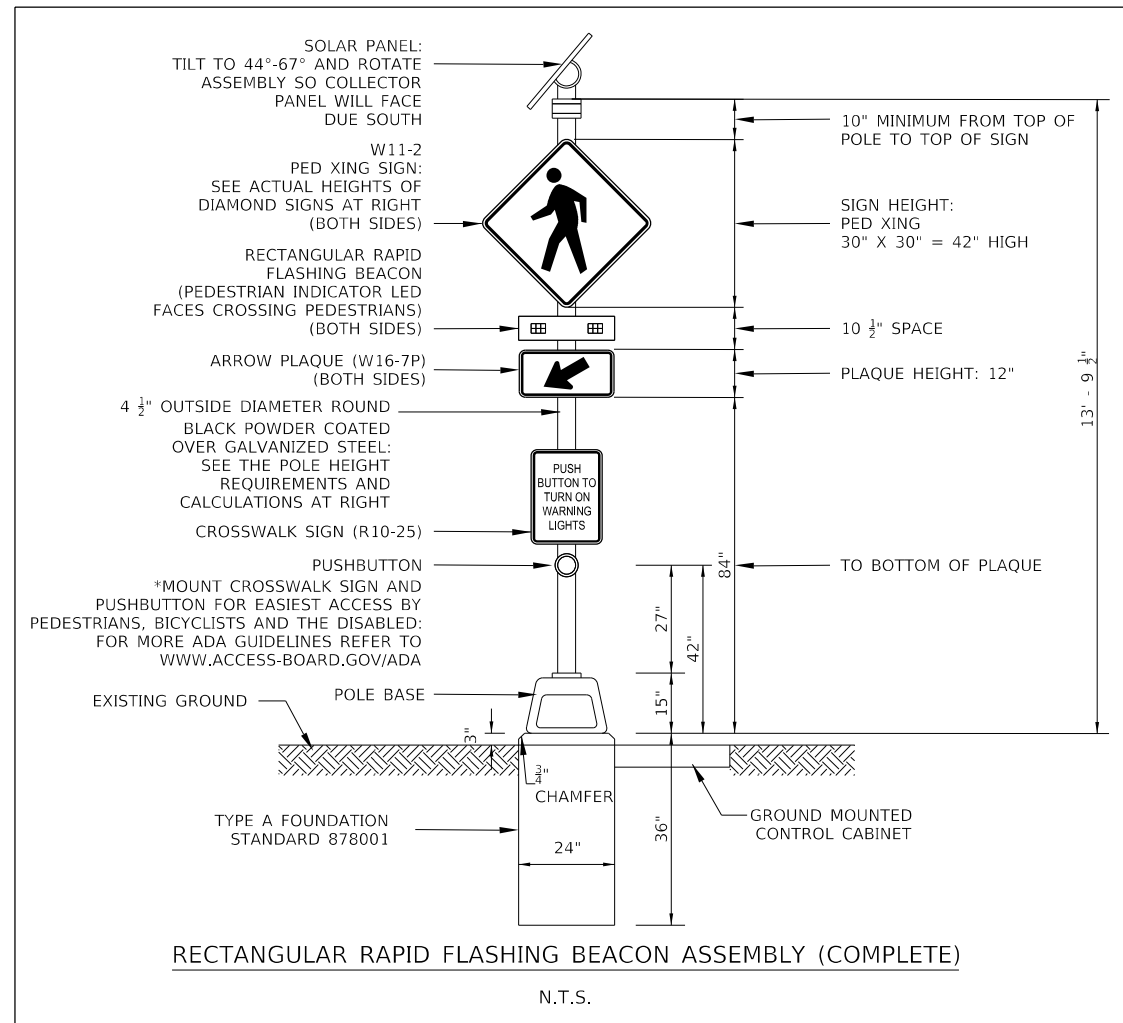
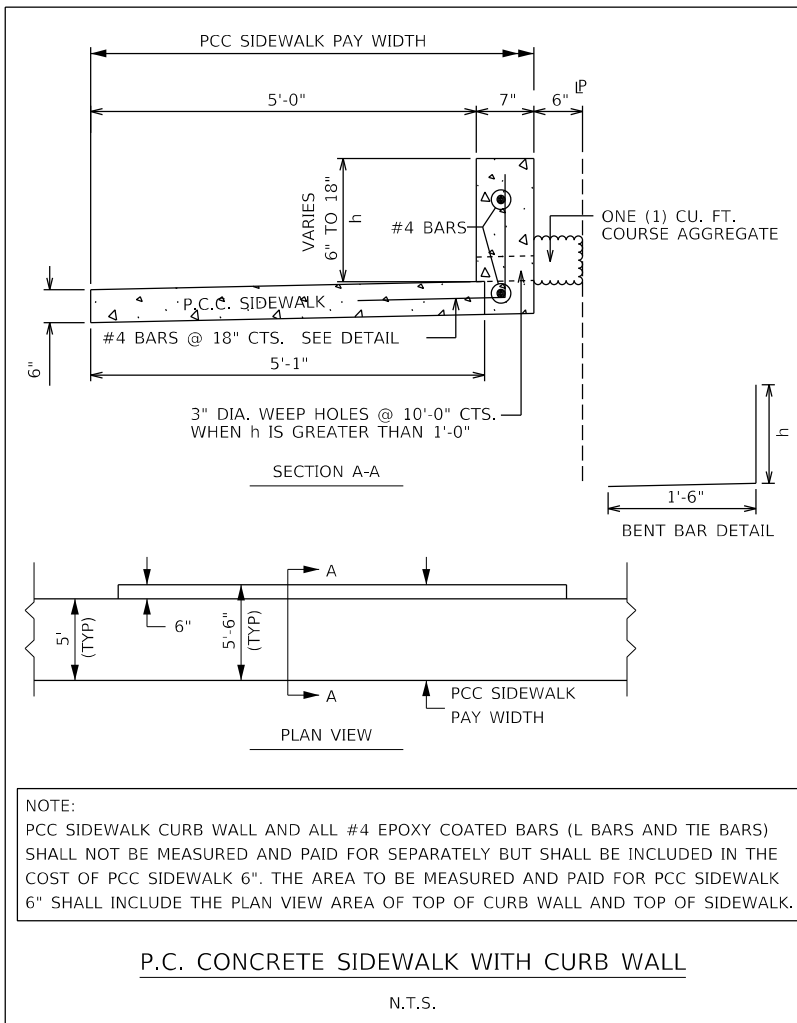
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
MISCELLANEOUS DETAILS**

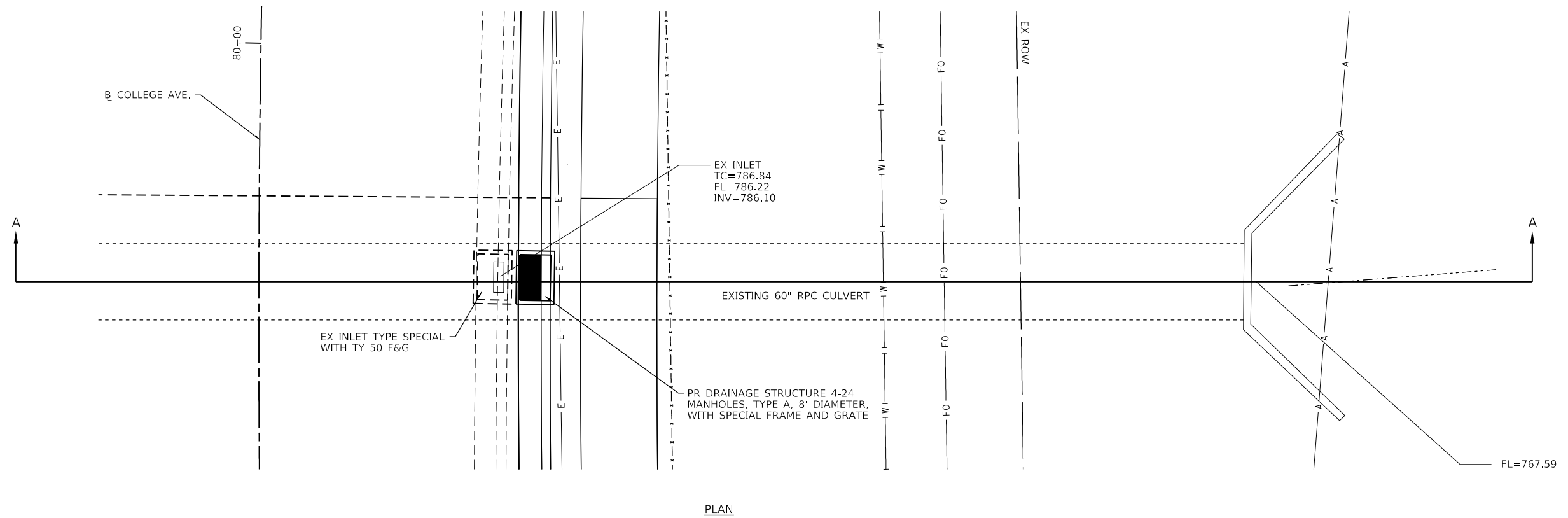
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F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 188
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

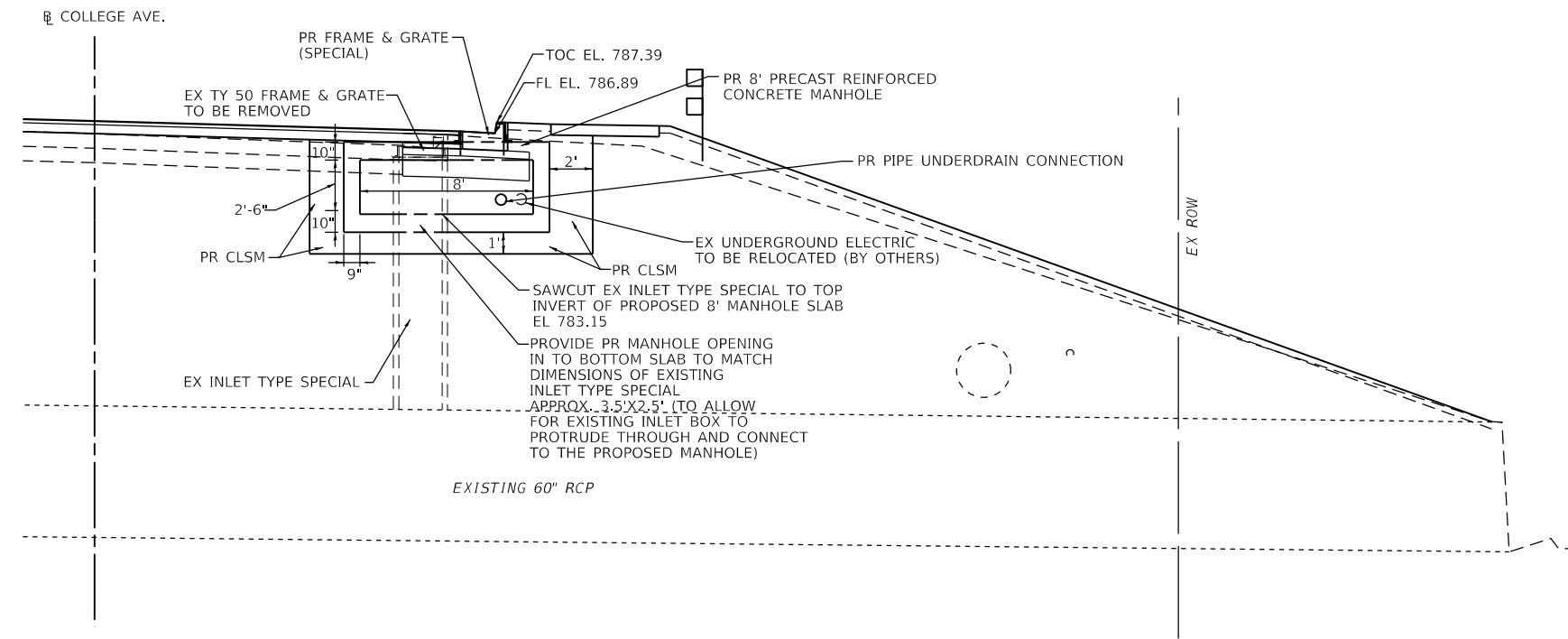




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PLAN



SECTION A-A

MANHOLES, TYPE A, 8'-DIAMETER, WITH SPECIAL FRAME AND GRATE  
 (PROPOSED DRAINAGE STRUCTURE 4-24)  
 STA. 79+84.37  
 SEE SPECIAL PROVISION

MODEL: Default  
 FILE NAME: I:\2020\20200828.00 - TCM College Ave Rehab\04\_Drawing\DWG\CAD\_Sheets\02\0828.00-sht-cmhc\_detail.dwg



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	DATE - 11/09/2023	REVISED -

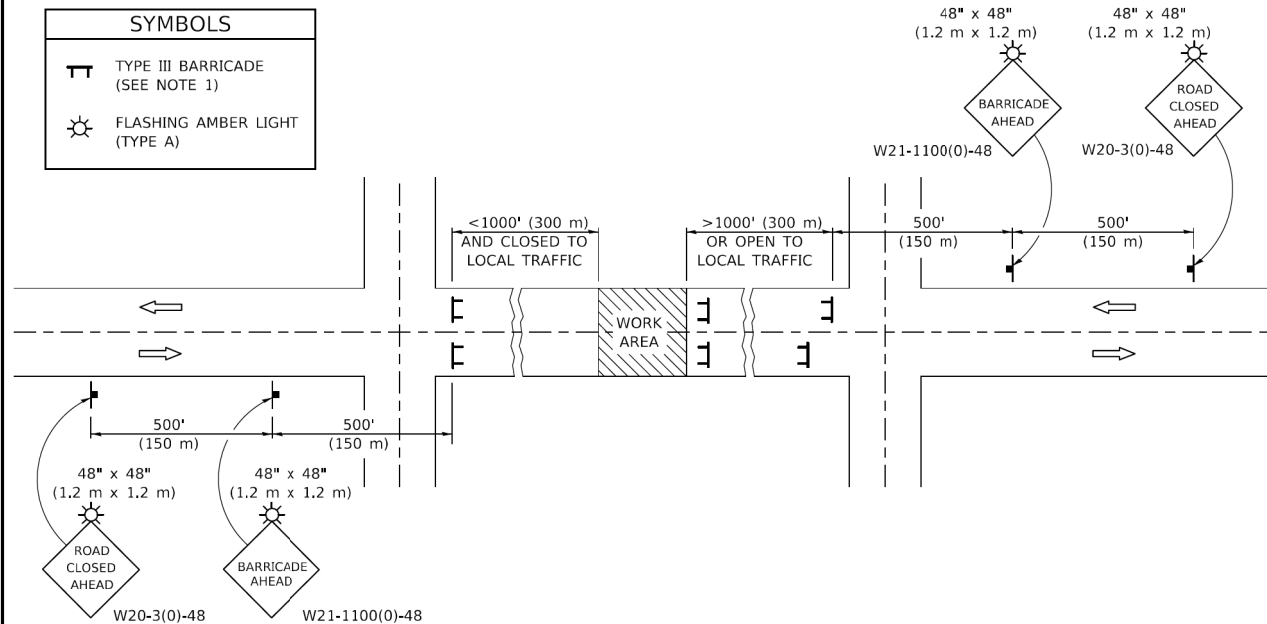
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

WEST COLLEGE AVENUE  
 MISCELLANEOUS DETAILS

SCALE: SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 190
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

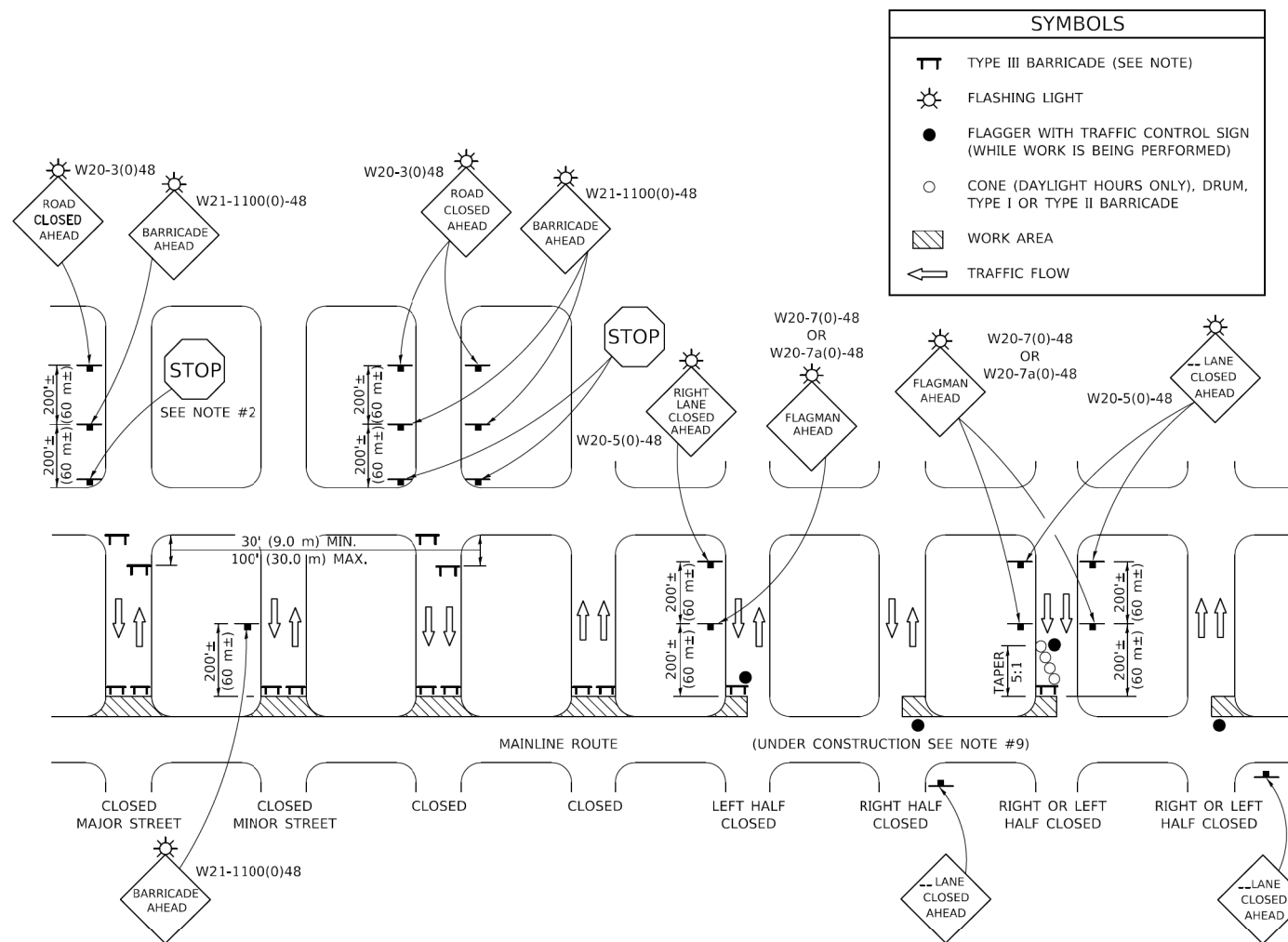
## ROAD CLOSURE



### GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON STANDARD 701901 "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- IF THE ROAD IS OPEN TO LOCAL TRAFFIC OR EXCEEDS 1000' (300 m), ANOTHER SET OF TYPE III BARRICADES, EQUIPPED AS IN NOTE 1 ABOVE, SHALL BE PLACED AT EACH END OF THE WORK AREA.
- WHEN A STOP CONDITION EXISTS, NO SIGNS ARE REQUIRED IN ADVANCE OF THE "STOP" SIGN WHEN THE ROAD IS CLOSED WITHIN 100' (30 m) OF THE INTERSECTION.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & DESIGN OF TYPE III BARRICADES.
- IF A TYPE III BARRICADE WITH AN ATTACHED SIGN PANEL WHICH MEETS NCHRP 350 IS NOT AVAILABLE, THE SIGNS MAY BE MOUNTED ON AN NCHRP 350 TEMPORARY SIGN SUPPORT DIRECTLY IN FRONT OF THE BARRICADE.
- REFLECTORIZED STRIPING SHALL APPEAR ON BOTH SIDES OF THE TYPE III BARRICADES IF ROAD IS OPEN TO LOCAL TRAFFIC.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- A MINIMUM OF TWO FLASHING LIGHTS SHALL BE USED AT NIGHT ON EACH APPROACH IN ADVANCE OF THE WORK AREA. FLASHING LIGHTS SHALL BE INSTALLED ABOVE THE FIRST TWO SIGNS IN THE SERIES.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT. 725 AND BT. 726 ARE REQUIRED.
- WHEN A SIDEROAD INTERSECTS THE HIGHWAY ON WHICH WORK IS BEING PERFORMED, ADDITIONAL TRAFFIC DEVICES SHALL BE ERECTED AND PROVIDED AS DIRECTED BY THE ENGINEER.
- AN ADDITIONAL SIGN MAY BE REQUIRED AT A MAJOR INTERSECTING ROAD IN ADVANCE OF THE CLOSURE. THE ADDITIONAL SIGN SHALL GIVE THE DISTANCE TO THE BARRICADE IN MILES OR FRACTIONS OF A MILE.

## SIDEROAD / STREET CLOSURE



### GENERAL NOTES

- TYPE III BARRICADES SHALL BE AS SHOWN ON "TYPICAL APPLICATIONS OF TYPE III BARRICADES CLOSING A ROAD". EACH TYPE III BARRICADE SHALL HAVE TWO FLASHING AMBER LIGHTS MOUNTED ABOVE IT.
- WHERE A STOP CONDITION EXISTS, AS SHOWN ABOVE, WARNING SIGNS MAY BE OMITTED IN ADVANCE OF THE "STOP" SIGN.
- STANDARD 701901 SHALL APPLY FOR THE PLACEMENT & MANUFACTURE OF TYPE III BARRICADES.
- ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
- ONE FLASHING LIGHT IS REQUIRED ABOVE EACH ADVANCE WARNING SIGN DURING HOURS OF DARKNESS.
- LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.
- FORMS BT 725 AND BT 726 ARE REQUIRED.
- THE MAINLINE ROUTE TEMPORARY TRAFFIC CONTROL SHALL BE IN ACCORDANCE WITH THE PLANS, SPECIAL PROVISIONS AND STANDARD SPECIFICATIONS.
- ALL FLAGGERS REQUIRED AT SIDE ROADS AND ENTRANCES REMAINING OPEN TO TRAFFIC AND/OR ADDITIONAL BARRICADES REQUIRED BY THE ENGINEER TO CLOSE SIDE ROADS AND ENTRANCES WILL BE PAID FOR ACCORDING TO ARTICLE 109.04.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

### DISTRICT 5 DETAIL NO. 70200000

USER NAME = plersonbr	DESIGNED -	REVISED - 11/06
	DRAWN -	REVISED - 12/07
PLCT SCALE = 40,0000 ' / in.	CHECKED -	REVISED - 09/09 KJT
PLCT DATE = 3/12/2018	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

TRAFFIC CONTROL & PROTECTION DEVICES  
(ROAD & SIDEROAD / STREET CLOSURES)

SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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BLOOMINGTON, ILLINOIS 61704  
(309) 663-8435 / info@f-w.com

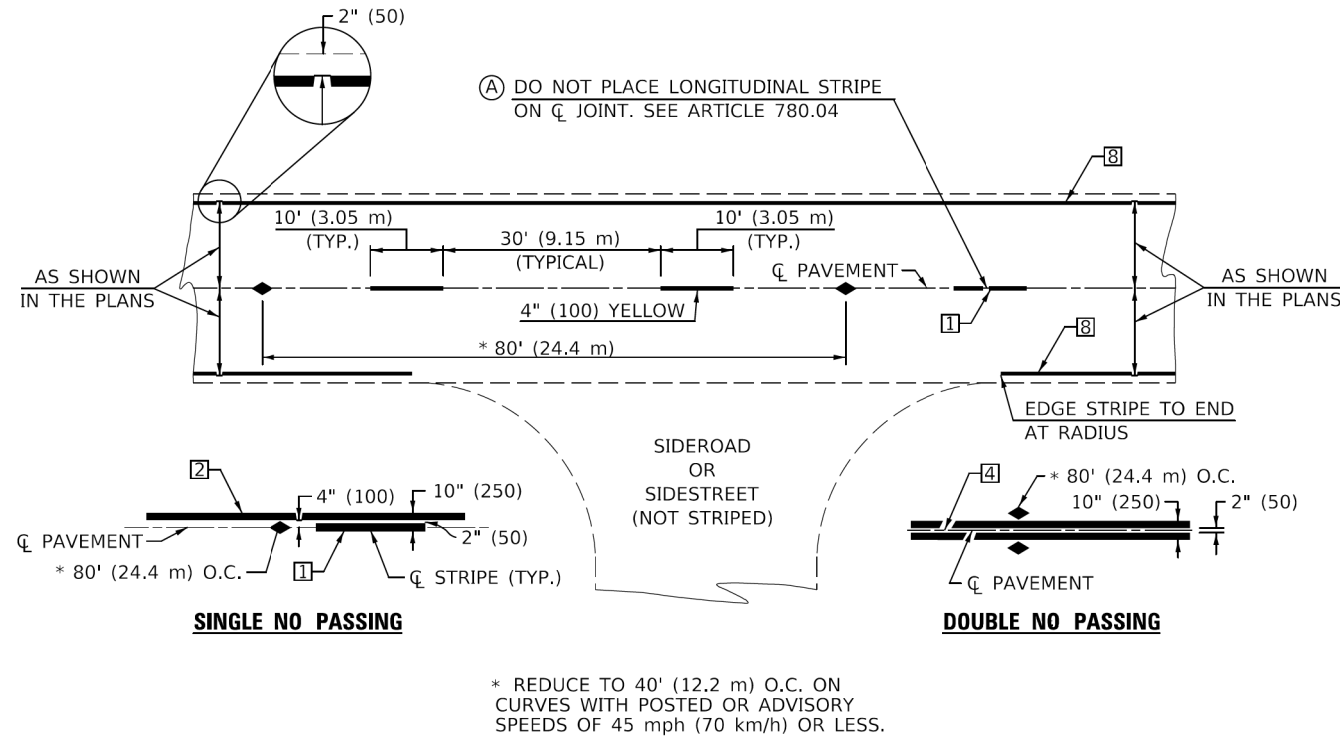
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	DRAWN - DRR	REVISED -
PLCT SCALE = 2,0000 ' / in.	CHECKED - ERB	REVISED -
PLCT DATE = 11/9/2023	DATE - 11/09/2023	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST COLLEGE AVENUE  
DISTRICT DETAILS

SCALE: N.T.S. SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	191
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				



**TYPICAL PAVEMENT MARKING LEGEND**

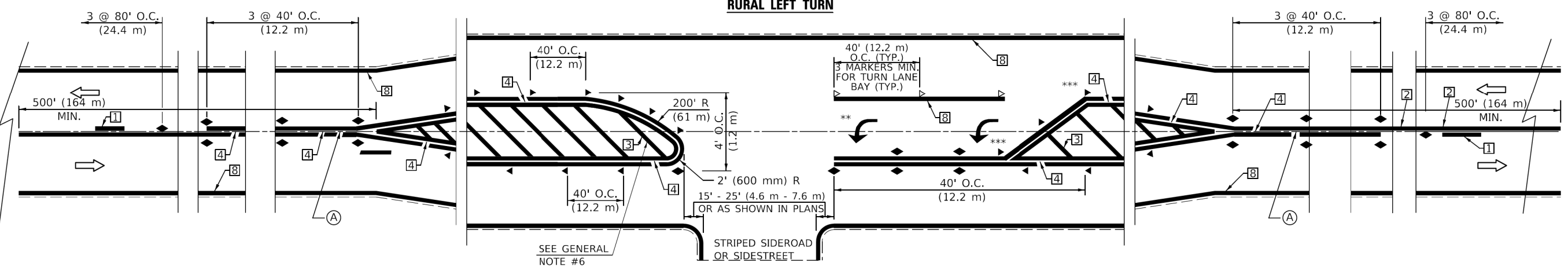
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 RESERVED
- 6 RESERVED
- 7 4" (100) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) LANE LINE EXTENSIONS (WHITE)
- 14 4" (100) PARKING WHITE

**TYPICAL PAVEMENT MARKERS LEGEND**

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

**TWO LANE/TWO WAY**

**RURAL LEFT TURN**



Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 5 DETAIL NO. 7800AAAA				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

USER NAME = Bridgette.Pierson	DESIGNED -	REVISED - 9/2009 KJT
PLCT SCALE = 40,0000' / in.	DRAWN -	REVISED - 4/2014 JLA
PLCT DATE = 8/23/2022	CHECKED -	REVISED - 3/2019 SWN
	DATE -	REVISED - 8/2022 JLA

<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>PAVEMENT MARKING AND MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>	
SCALE:	SHEET 1 OF 4 SHEETS	STA.	TO STA.

USER NAME = dmeyer	DESIGNED - KLM	REVISED -
PLCT SCALE = 2,0000' / in.	DRAWN - DRR	REVISED -
PLCT DATE = 11/9/2023	CHECKED - ERB	REVISED -
	DATE - 11/09/2023	REVISED -

<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>		<b>WEST COLLEGE AVENUE DISTRICT DETAILS</b>	
SCALE:	SHEET 2 OF 5 SHEETS	STA.	TO STA.

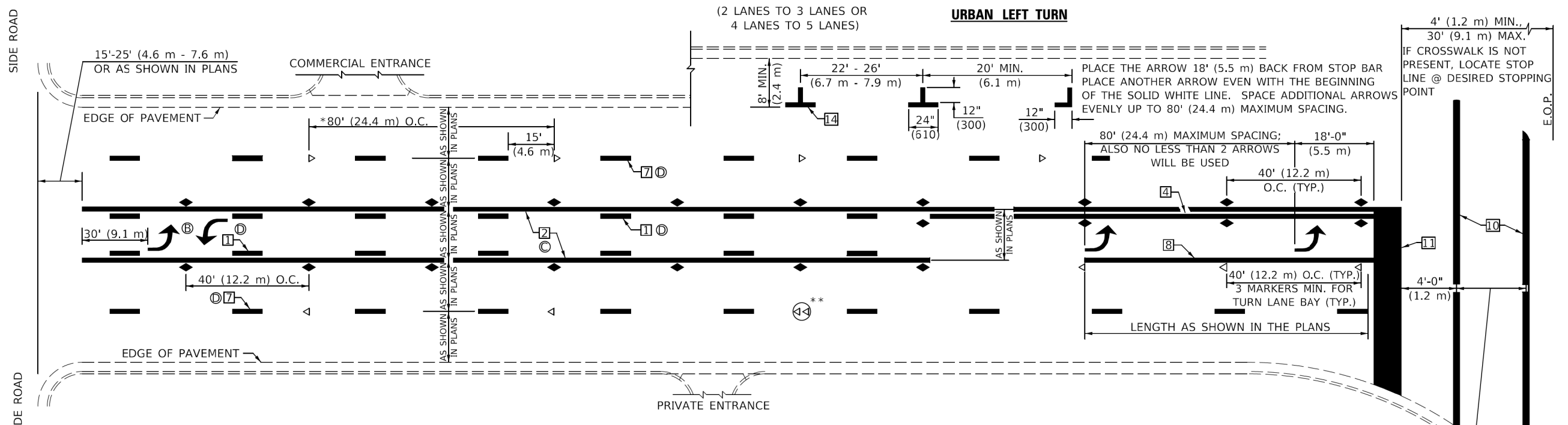
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	192
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	192
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

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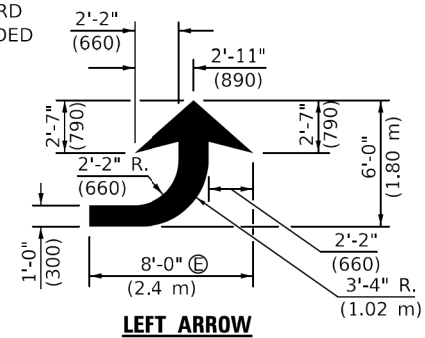
2709 McGRAW DRIVE  
BLOOMINGTON, ILLINOIS 61704  
(309) 663-8435 / info@f-w.com



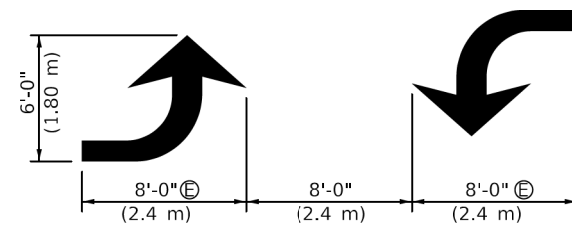
- \* REDUCE TO 40 FEET (12.2 METERS) ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER THAN POSTED SPEEDS.
- \*\* DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED AND SPACED AS SHOWN IN HIGHWAY STANDARD 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED HIGHWAYS.

**GENERAL NOTES:**

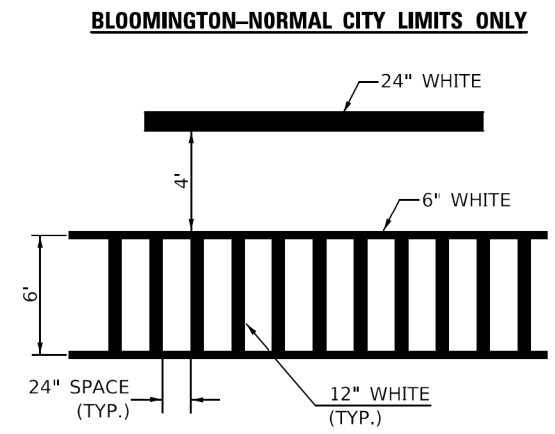
- ⓑ TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE.
- ⓒ THE SOLID YELLOW PAVEMENT MARKINGS [ ] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
- ⓓ THE SKIP-DASH PAVEMENT MARKINGS [ ] OR [ ] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER. SEE EXAMPLE ON SHEET 2 OF 3.
- ⓔ USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)



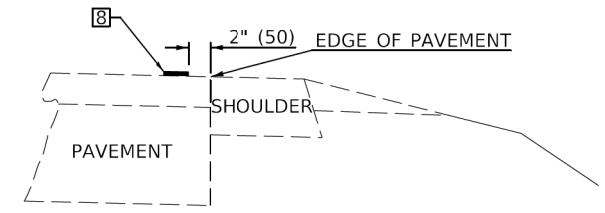
**LEFT ARROW**  
REVERSE FOR RIGHT ARROW  
AREA = 15.6 SQ. FT. (1.47 m<sup>2</sup>)  
(WHITE)



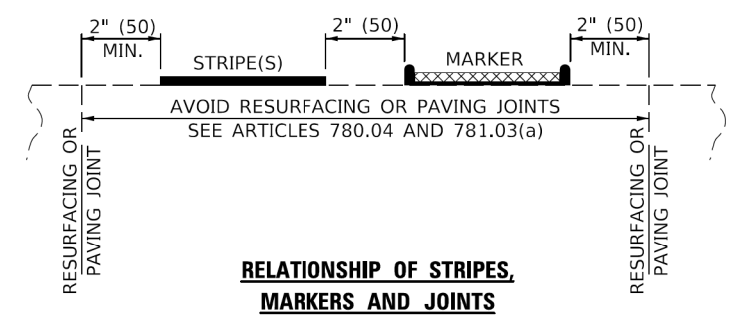
**TYPICAL DOUBLE TURN ARROWS (WHITE)**



**TYPICAL SPACING FOR CROSSWALKS & STOP BARS**



**RELATIONSHIP OF EDGE LINE TO EDGE OF PAVEMENT**  
(SAFETY SHOULDER OR PAVED SURFACE)  
SEE ARTICLE 780.04



**RELATIONSHIP OF STRIPES, MARKERS AND JOINTS**

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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	DATE -	REVISED - 8/2022 JLA

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS  
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET 2 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAAA				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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(309) 663-8435 / info@f-w.com

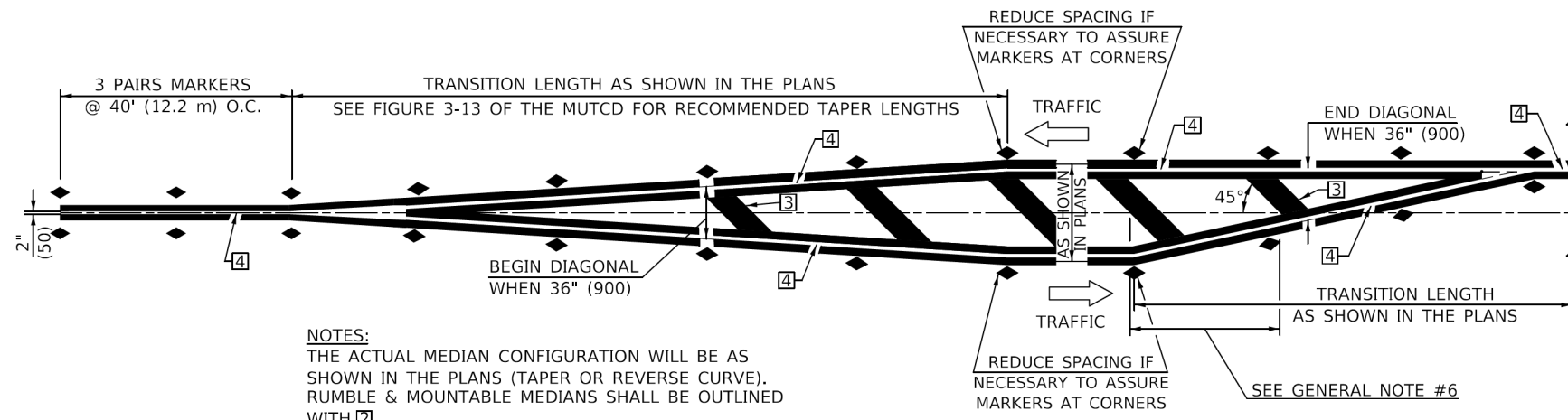
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	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
DISTRICT DETAILS**

SCALE: SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	193
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

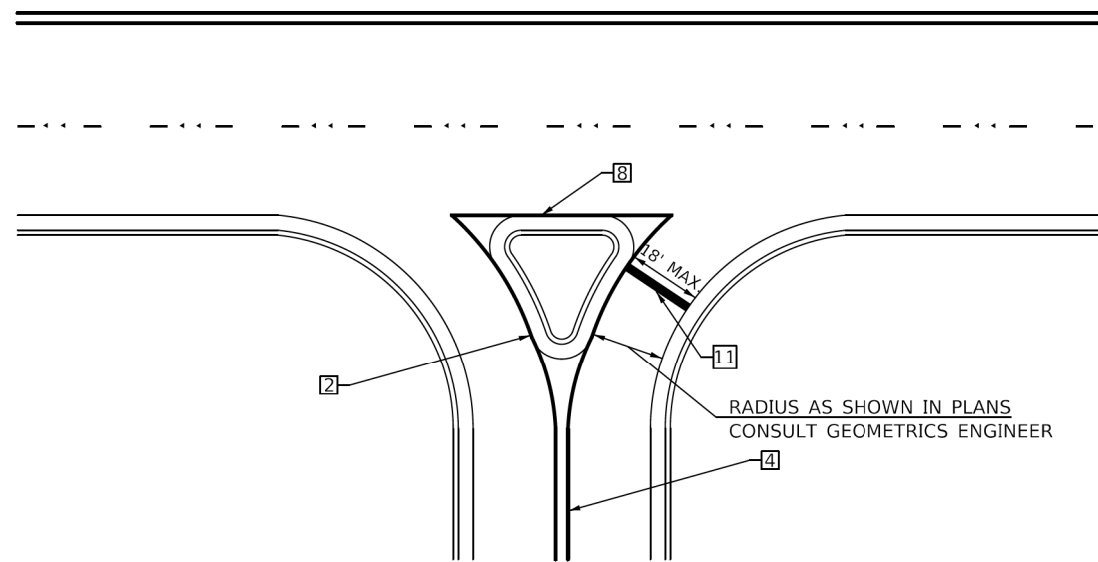


**NOTES:**  
THE ACTUAL MEDIAN CONFIGURATION WILL BE AS SHOWN IN THE PLANS (TAPER OR REVERSE CURVE). RUMBLE & MOUNTABLE MEDIANS SHALL BE OUTLINED WITH [2].

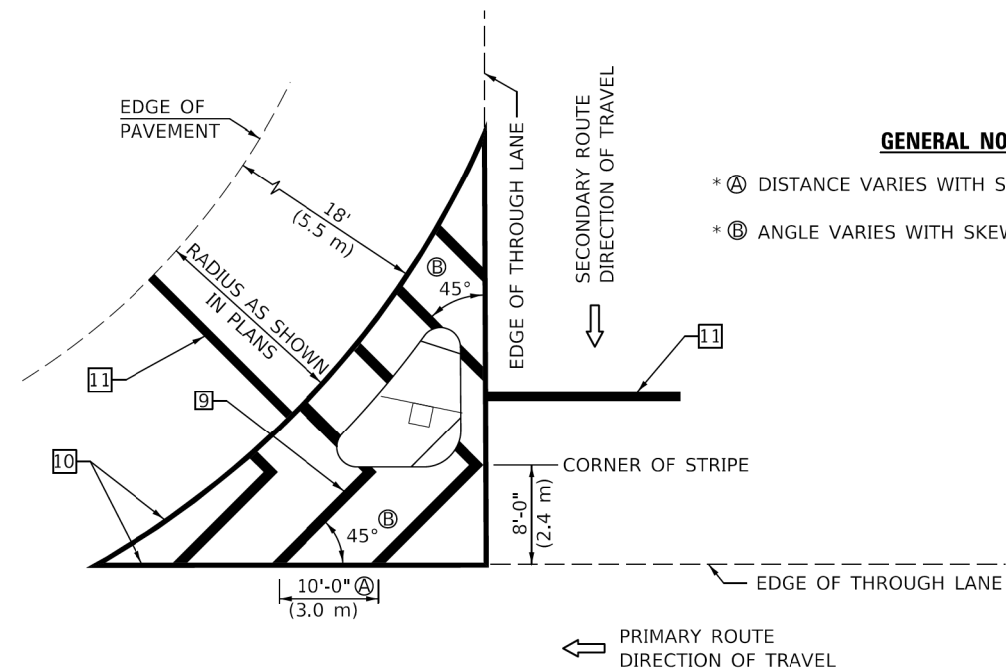
**TYPICAL MEDIAN TRANSITIONS**

**GENERAL NOTES**

1. WHEN MEDIANS ARE PRESENT, PAVEMENT MARKINGS ARE TO BE PLACED ADJACENT TO MEDIANS.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. A STRIPING KEY IS AVAILABLE ELSEWHERE AND SHALL BE SHOWN WHERE THE QUANTITIES ARE LISTED.
5. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
6. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING,  
<30 MPH USE 15' (<50 km/h USE 4.5 m)  
30-45 MPH USE 20' (50-75 km/h USE 6.0 m)  
>45 MPH USE 30' (>75 km/h USE 9.0 m)



**RIGHT IN - RIGHT OUT ACCESS**



**ISLAND**

\* FOR RIGHT TURN LANE AND ISLAND STRIPING CONSULT GEOMETRICS ENGINEER.

**GENERAL NOTES**

- \* (A) DISTANCE VARIES WITH SKEW OF INTERSECTION.
- \* (B) ANGLE VARIES WITH SKEW OF INTERSECTION.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

**DISTRICT 5 DETAIL NO. 7800AAAA**

USER NAME = Bridgette.Pierson	DESIGNED -	REVISED - 9/2009 KJT
PLCT SCALE = 40,0000' / in.	DRAWN -	REVISED - 4/2014 JLA
PLCT DATE = 8/23/2022	CHECKED -	REVISED - 3/2019 SWN
	DATE -	REVISED - 8/2022 JLA

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND MARKERS  
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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PLCT DATE = 11/9/2023	CHECKED - ERB	REVISED -
	DATE - 11/09/2023	REVISED -

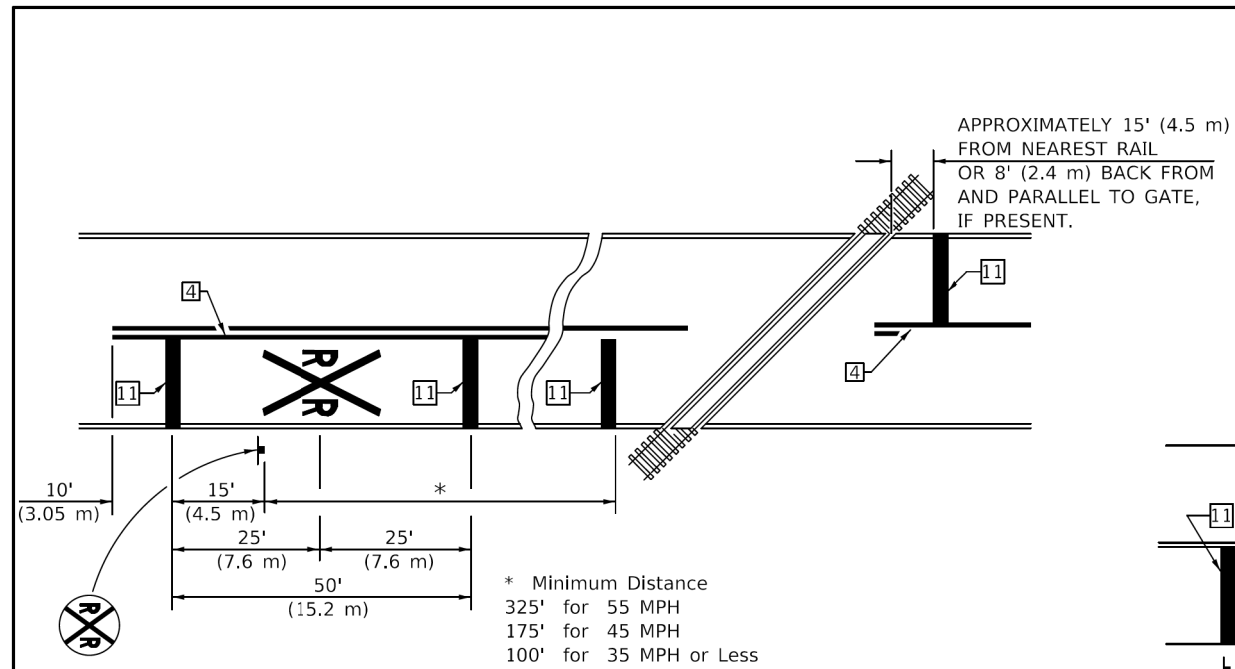
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
DISTRICT DETAILS**

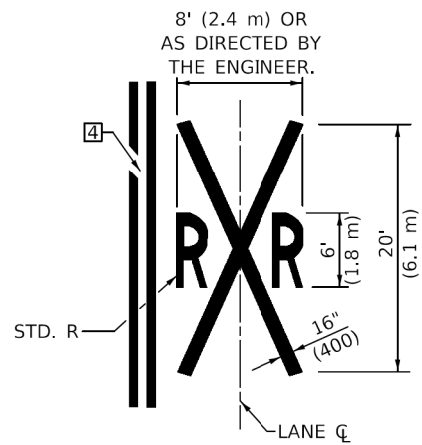
SCALE: SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	194
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

DESIGNER NOTE: SEE TABLE 2C-4 OF THE MUTCD FOR ADDITIONAL INFORMATION



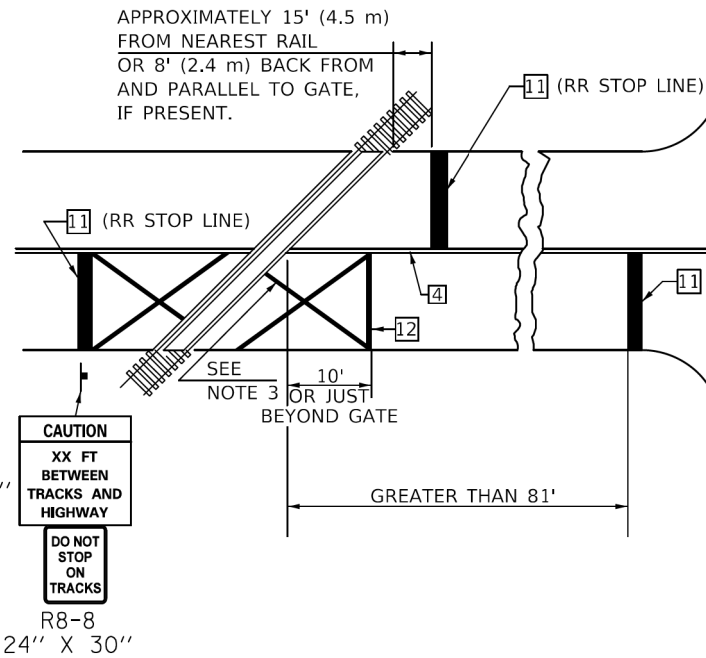
**PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING**



**GENERAL NOTES**

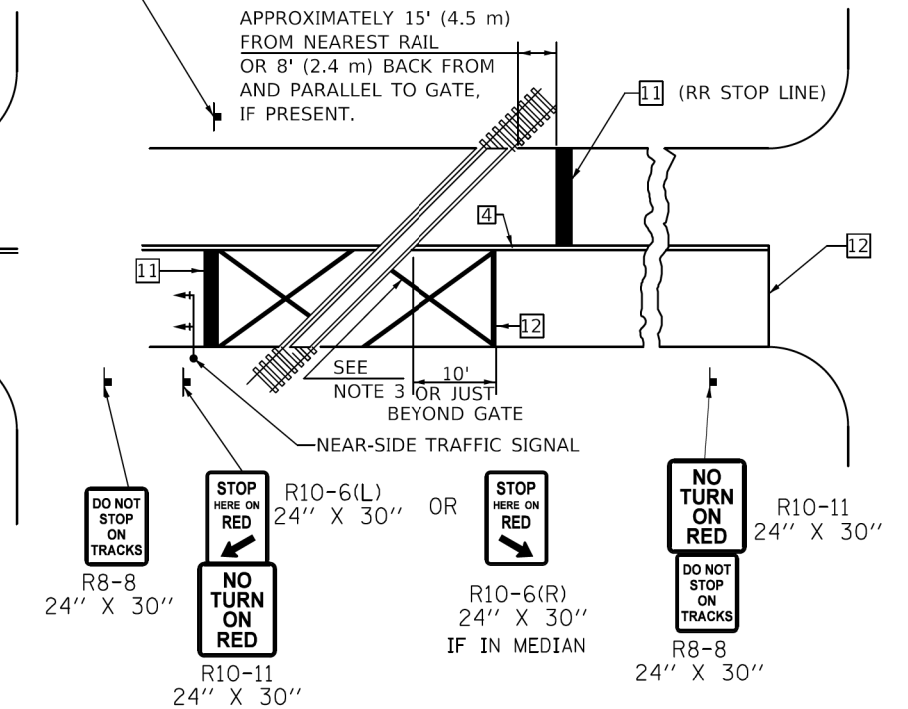
1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
3. 6" WHITE PAVEMENT MARKINGS AT 45° TO PAVEMENT, 8' CENTER TO CENTER.
4. XX DISTANCE TO BE SHOWN ON SIGN MEASURED FROM A POINT 6 FEET FROM THE RAIL CLOSEST TO THE INTERSECTION OR FROM THE CLOSEST POINT ALONG THE EXIT GATE IF PRESENT OVER THE ROADWAY WHEN IN THE LOWERED POSITION TO THE STOP BAR OR CROSSWALK, WHICH EVER IS CLOSEST, ROUNDED DOWN TO NEAREST 5 FEET. WHERE THERE IS NO STOP LINE, MEASURE TO POINT WHERE DRIVER HAS A VIEW OF APPROACHING TRAFFIC.
5. THE CLEARANCE SIGN IS ALSO TO BE USED AS AN INTERIM MEASURE AT LOCATIONS WITH INTERCONNECTED INTERSECTION TRAFFIC SIGNALS WHERE IT IS PLANNED TO CHANGE THEM TO NEAR-SIDE SIGNALS AT A FUTURE TIME. IN THIS CASE, THE DISTANCE TO BE SHOWN ON THE SIGN IS MEASURED FROM THE EDGE OF THE STRIPED-OUT AREA INSTEAD OF 6 FEET FROM THE RAIL. THE SIGN IS TO BE REMOVED WHEN THE NEAR-SIDE SIGNALS ARE INSTALLED AND THE PAVEMENT MARKINGS EXTENDED TO THE INTERSECTION.

**RAILROAD CROSSING WITH INTERCONNECT ONLY**



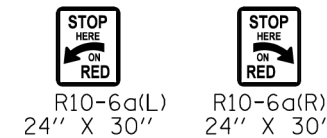
ONLY IF SIGNAL HEAD CANNOT BE LOCATED IN MEDIAN

**RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS**



**SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING**

**ALTERNATE SIGNS**



**NOTES**

- THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.
- ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.
- WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

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PLCT DATE = 8/23/2022	CHECKED -	REVISED - 3/2019 SWN
	DATE -	REVISED - 8/2022 JLA

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND MARKERS  
(RURAL & URBAN APPLICATIONS)

SCALE: SHEET 4 OF 4 SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 7800AAA				
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

WEST COLLEGE AVENUE  
DISTRICT DETAILS

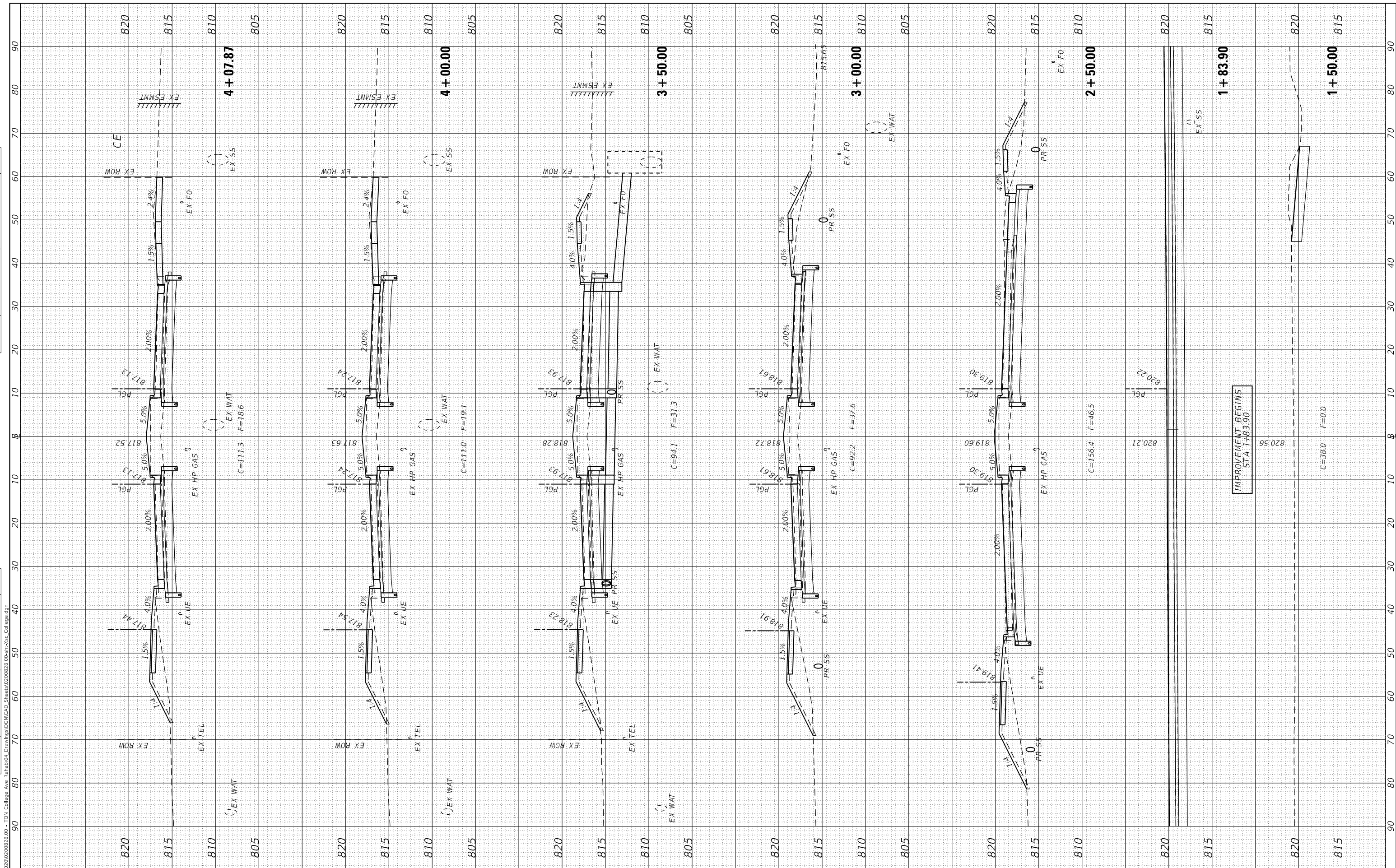
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	195
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

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NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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PLOT DATE = 11/9/2023	CHECKED - ERB	REVISED -
	DATE - 11/09/2023	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
 CROSS SECTIONS**

SCALE: 1" = 10' SHEET 1 OF 34 SHEETS STA. 1+50.00 TO STA. 4+07.87

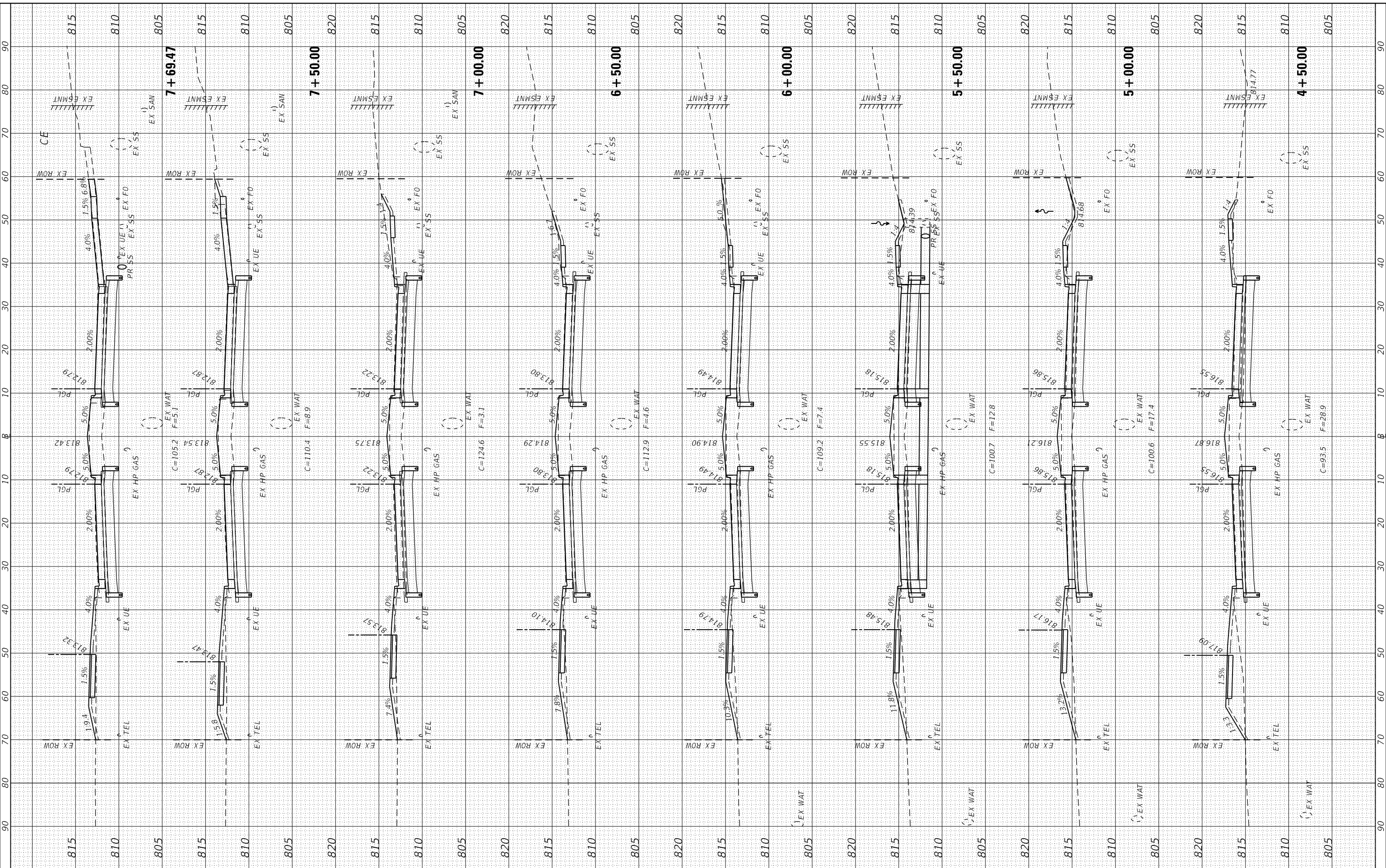
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CONTRACT NO. 91619			ILLINOIS FED. AID PROJECT	



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NO.	TEMPLATE
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
 CROSS SECTIONS**

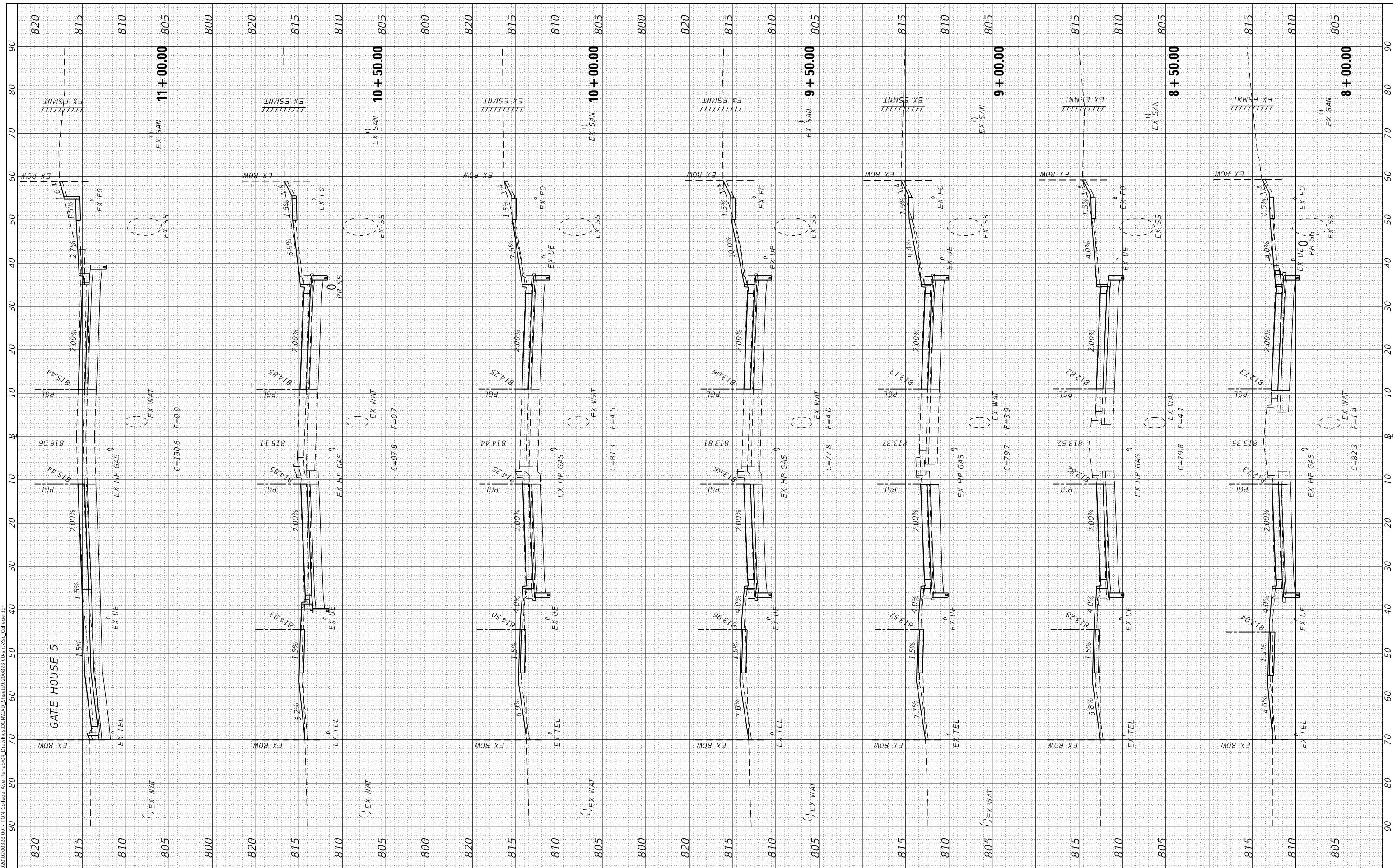
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F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 197
CONTRACT NO. 91619			ILLINOIS FED. AID PROJECT	

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DATE	- 11/09/2023
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REVISED	-
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
 CROSS SECTIONS**

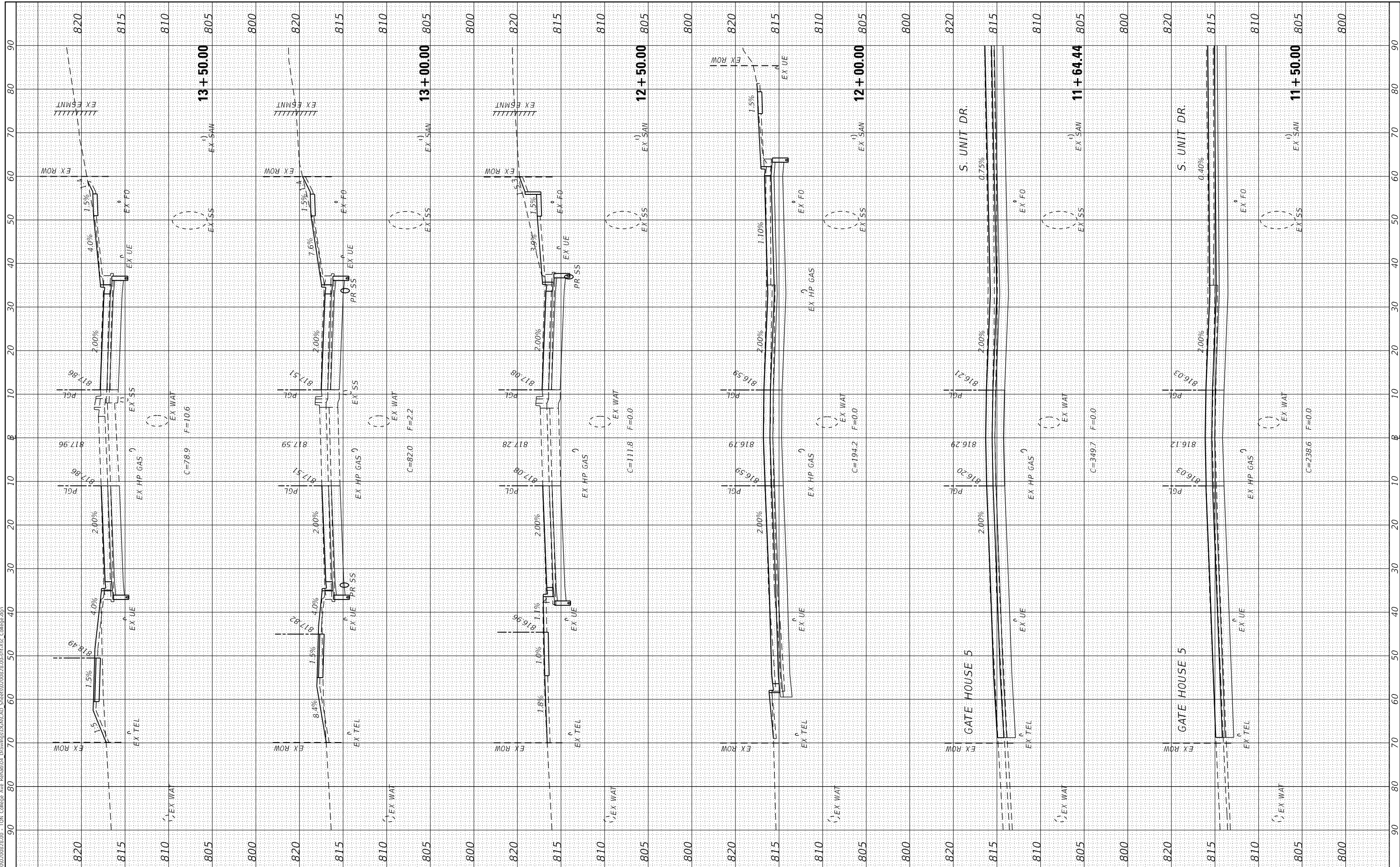
SCALE: 1" = 10' SHEET 3 OF 34 SHEETS STA. 8+00.00 TO STA. 11+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	198
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

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PLOT DATE =	11/9/2023

REVISED -	
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REVISED -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
 CROSS SECTIONS**

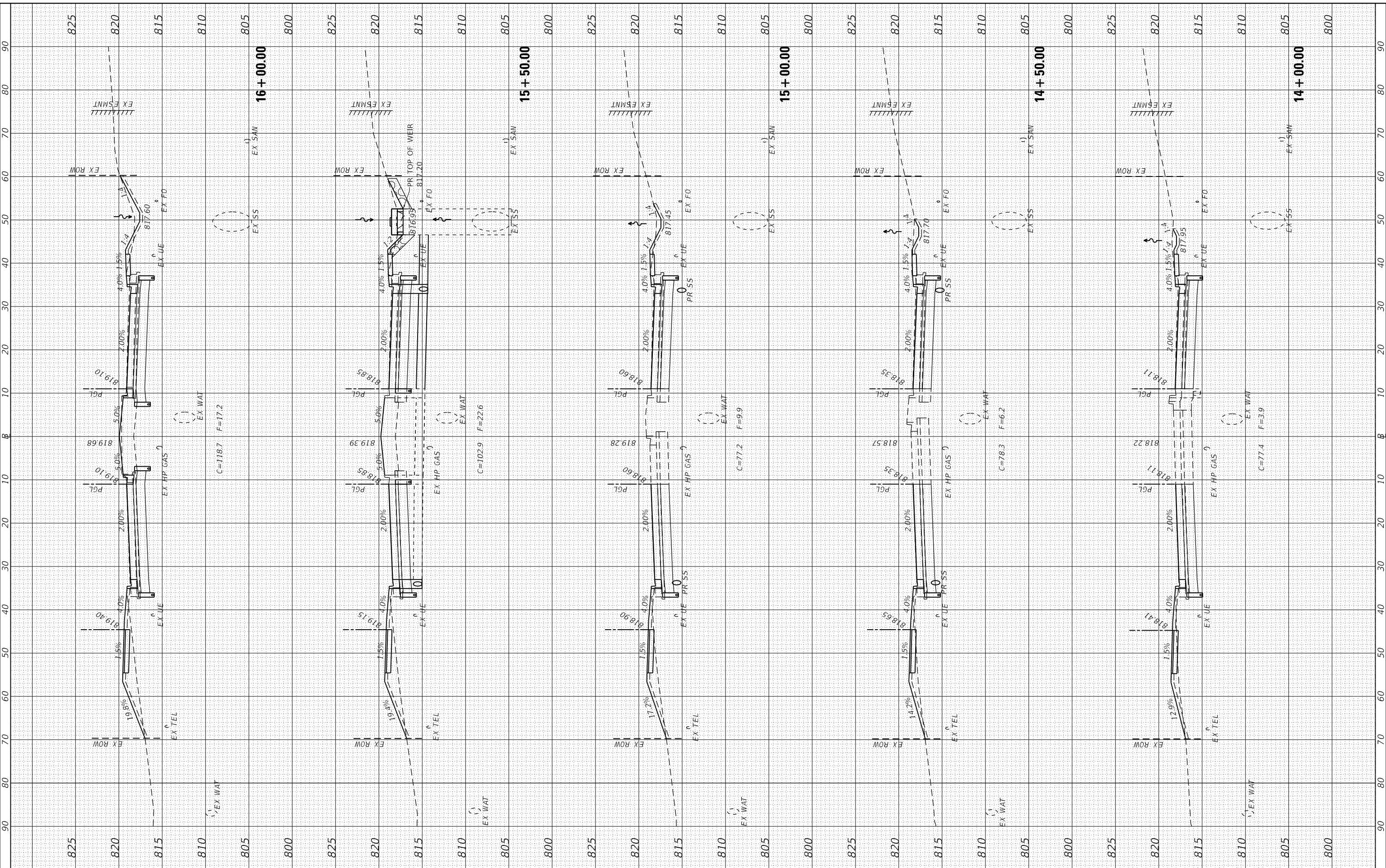
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6352	20-00271-00-PV	McLEAN	233	199
CONTRACT NO. 91619				
ILLINOIS FED. AID PROJECT				

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	DATE - 11/09/2023	REVISIONS

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**WEST COLLEGE AVENUE  
 CROSS SECTIONS**

SCALE: 1" = 10'    SHEET 5 OF 34 SHEETS    STA. 14+00.00 TO STA. 16+00.00

F.A.U. RTE. 6352	SECTION 20-00271-00-PV	COUNTY McLEAN	TOTAL SHEETS 233	SHEET NO. 200
CONTRACT NO. 91619			ILLINOIS FED. AID PROJECT	