

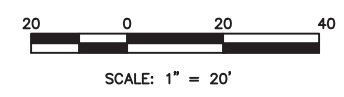
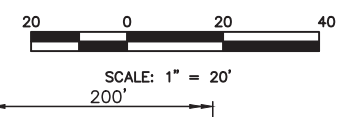
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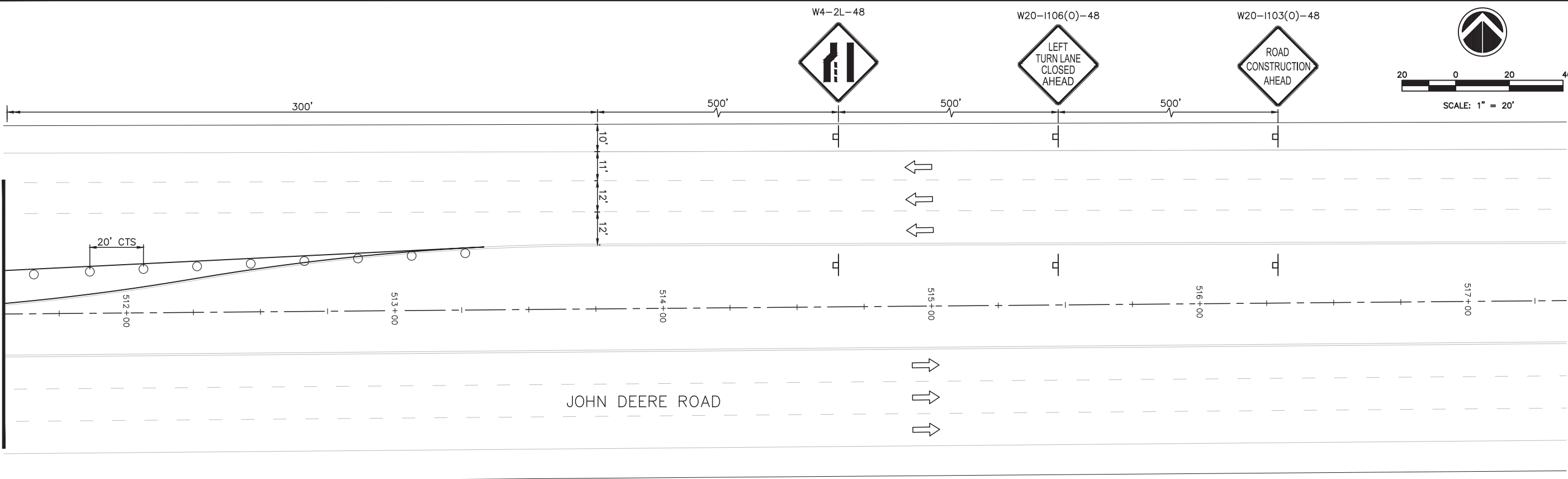
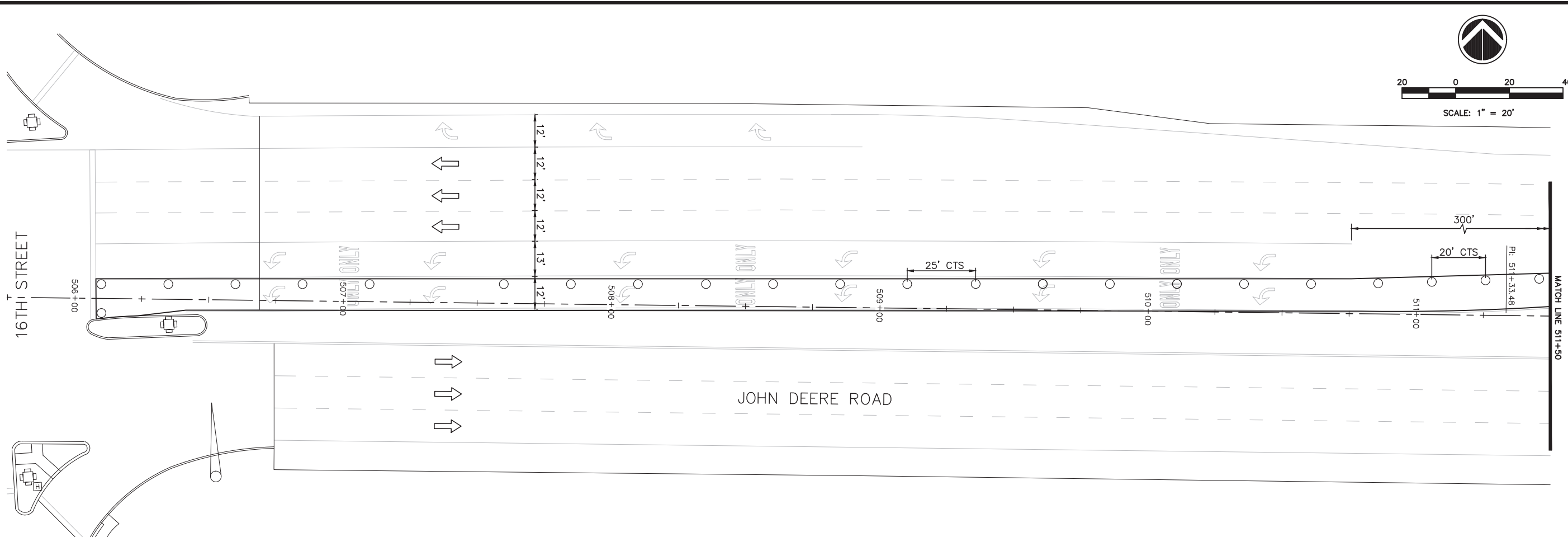
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




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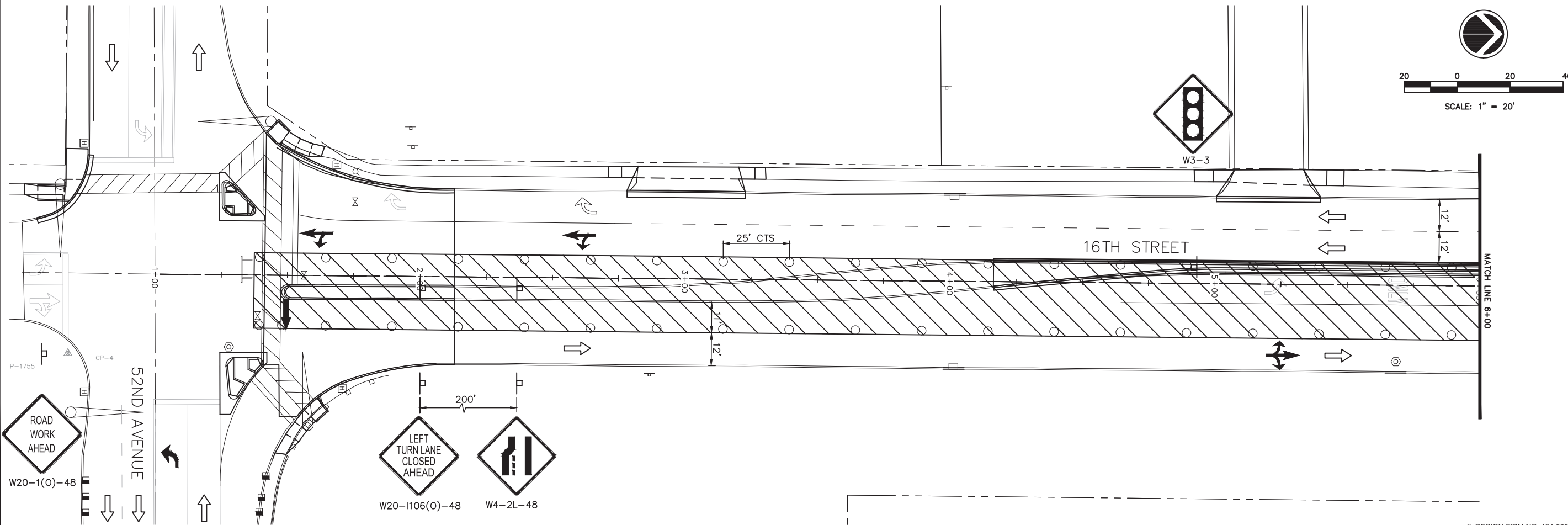
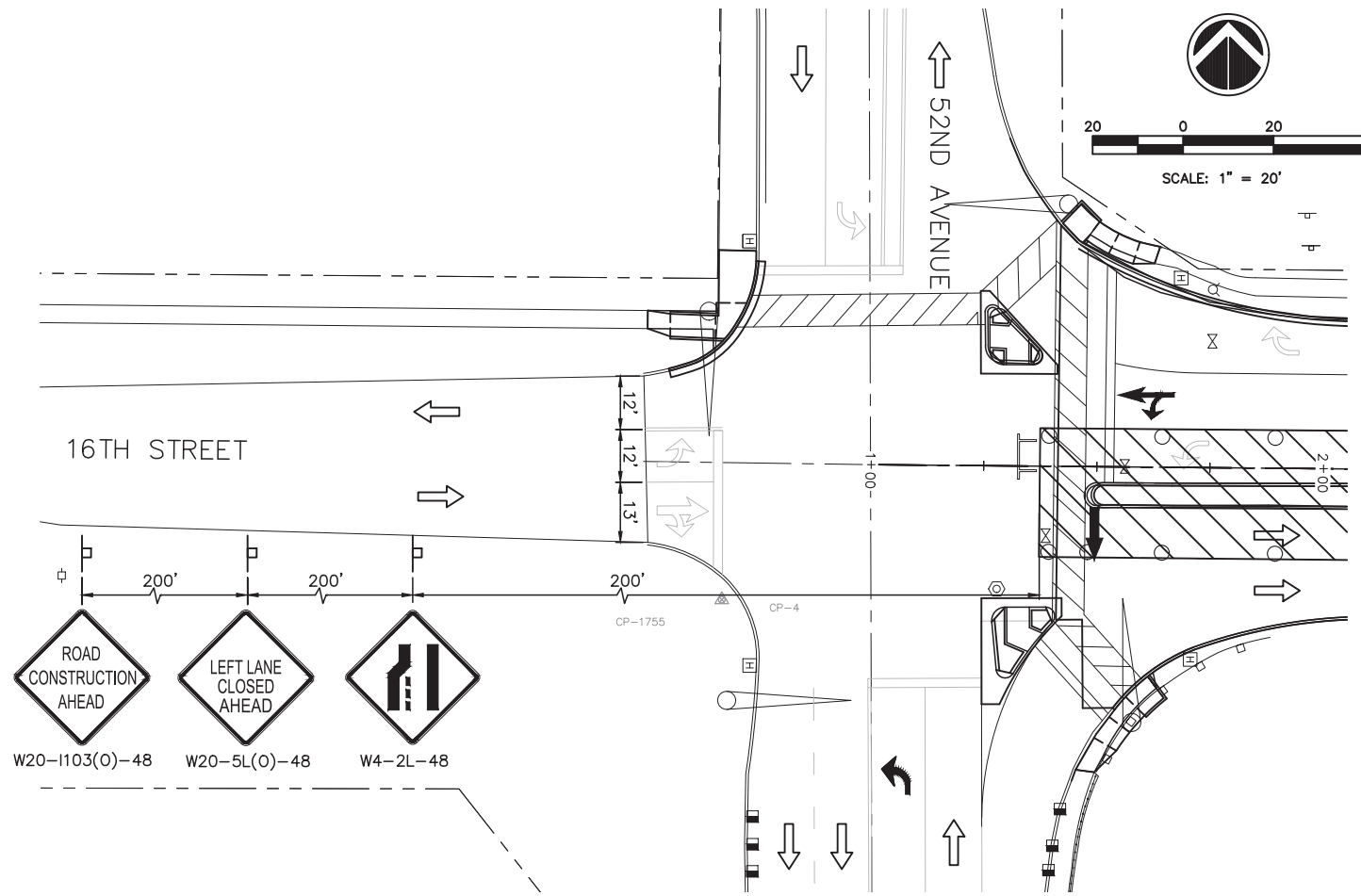
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16TH STREET - STAGE 2B (4)

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**LEGEND**

-  ARROW BOARD
-  CONE, DRUM OR BARRICADE
-  TYPE III BARRICADE  
W/ FLASHING LIGHTS
-  WORK AREA
-  SIGN ON PORTABLE OR  
PERMANENT SUPPORT
-  BARRICADE OR DRUM  
W/ FLASHING LIGHTS
-  INDICATES DIRECTION OF  
TRAFFIC FLOW ONLY
-  PAINTED ARROW



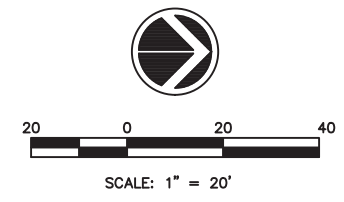
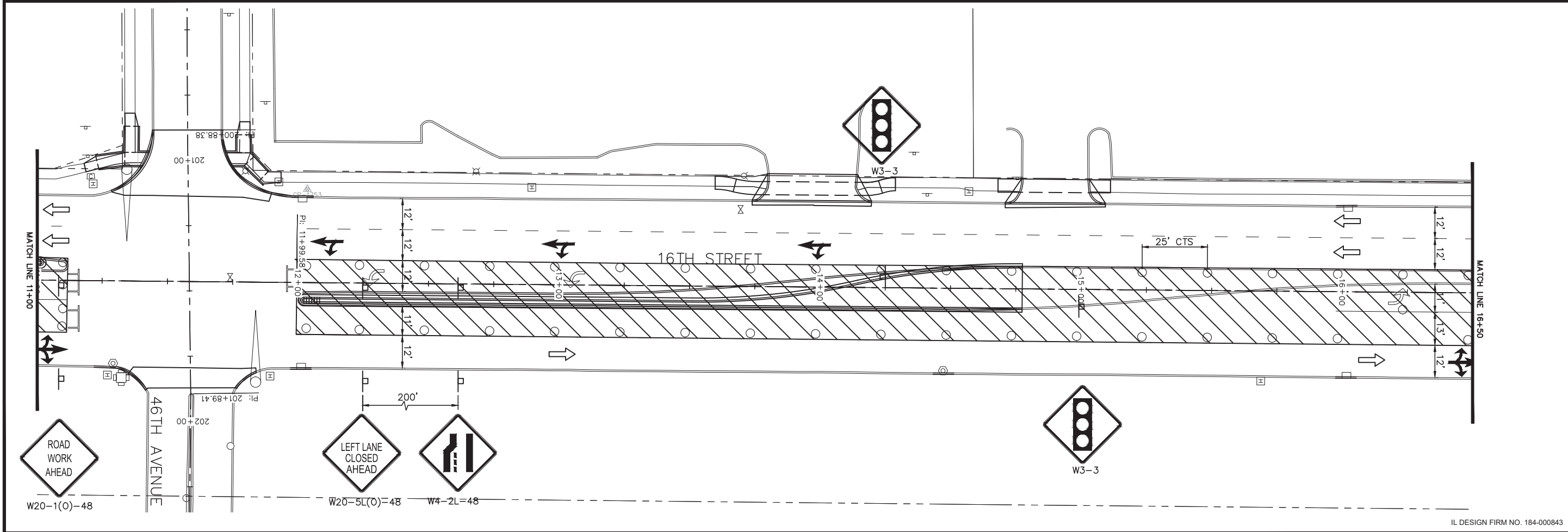
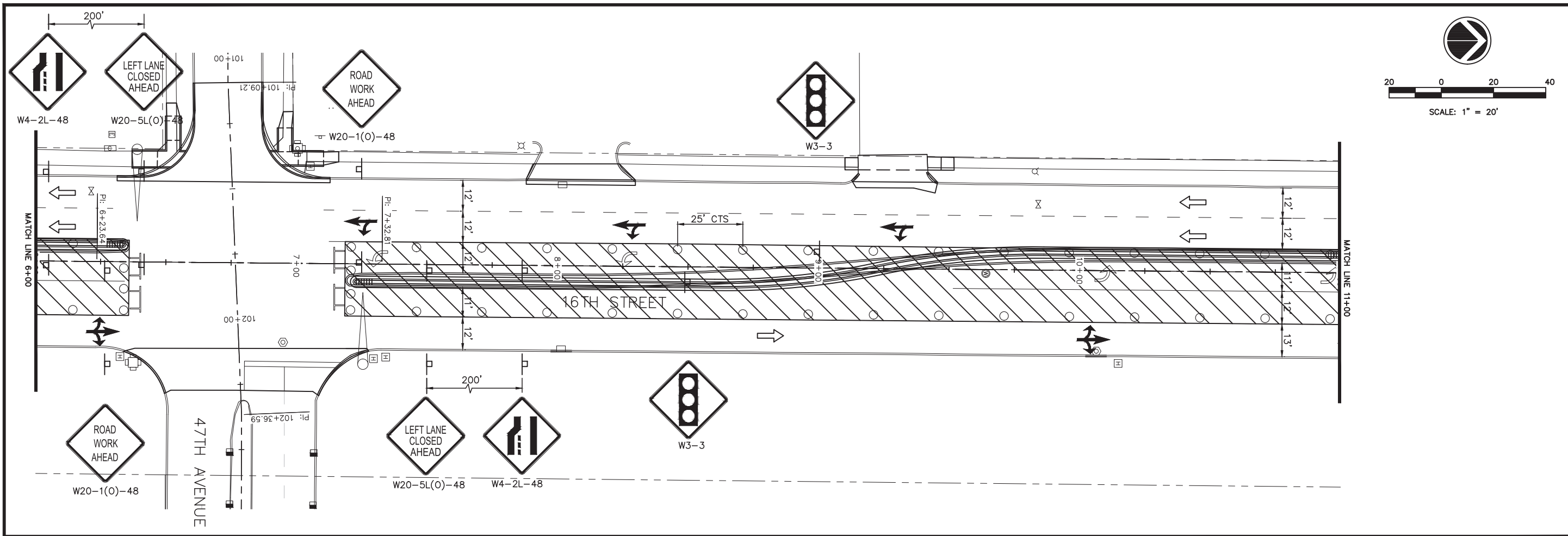
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**16TH STREET - STAGE 3**

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MAINTENANCE OF TRAFFIC  
16TH STREET - STAGE 3 (2)

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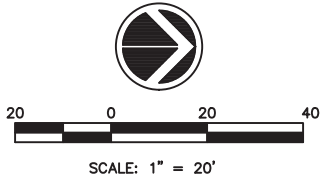
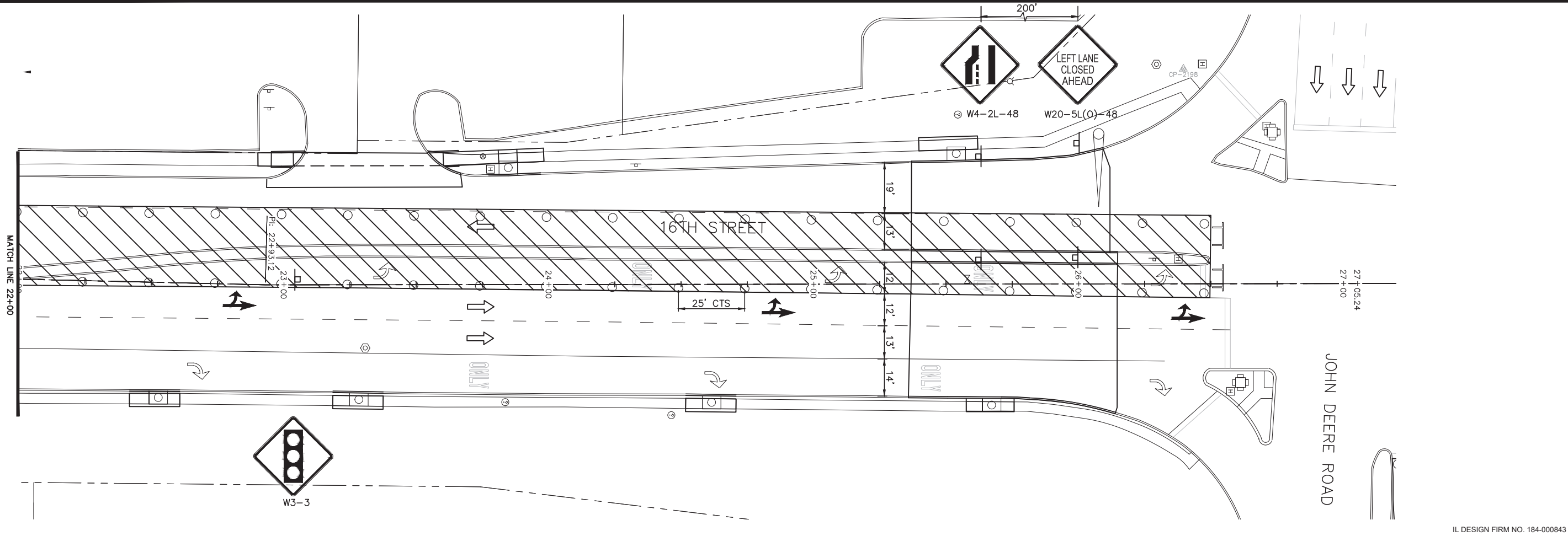
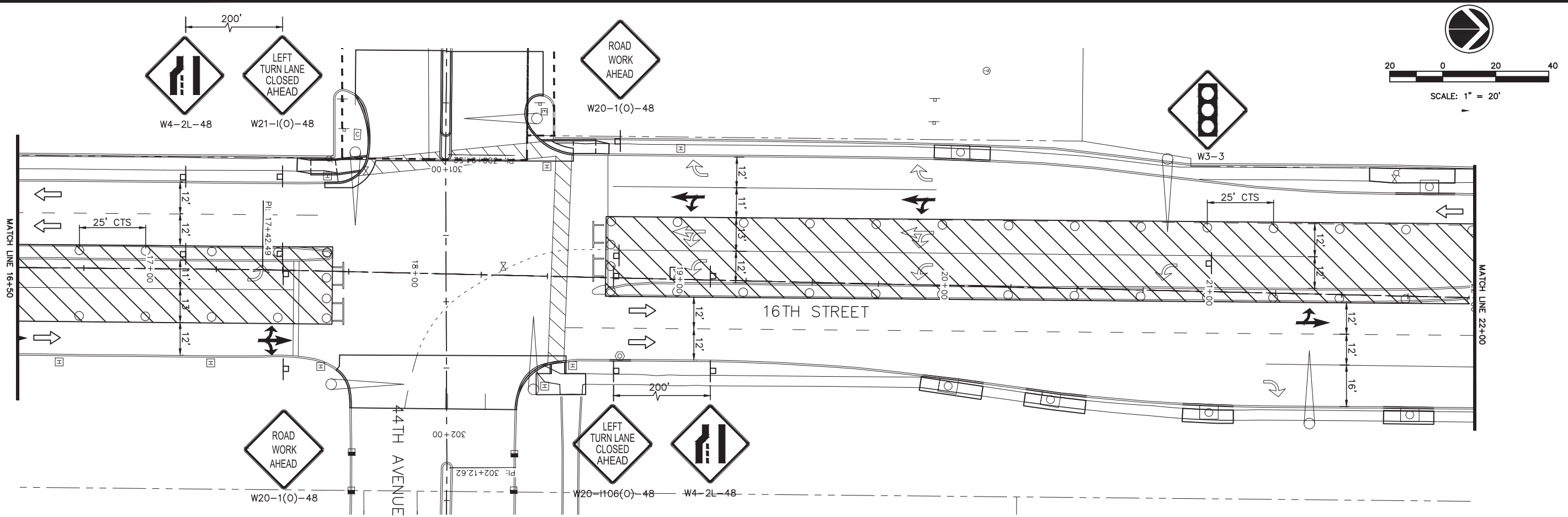
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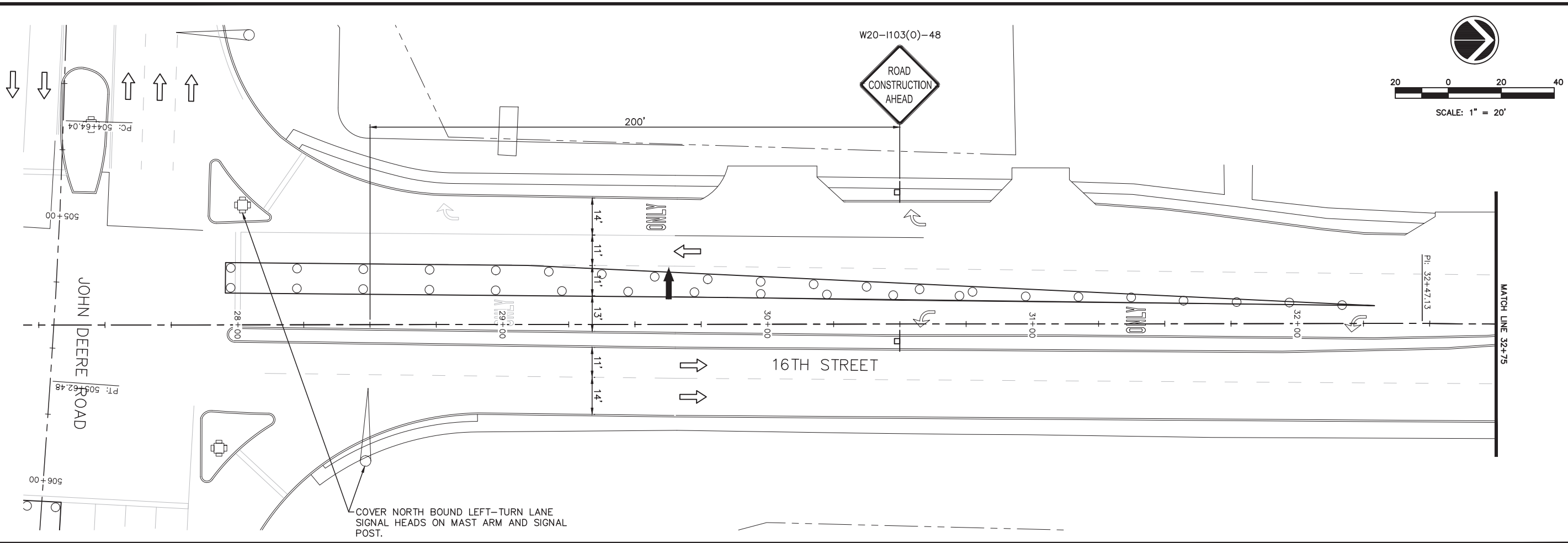
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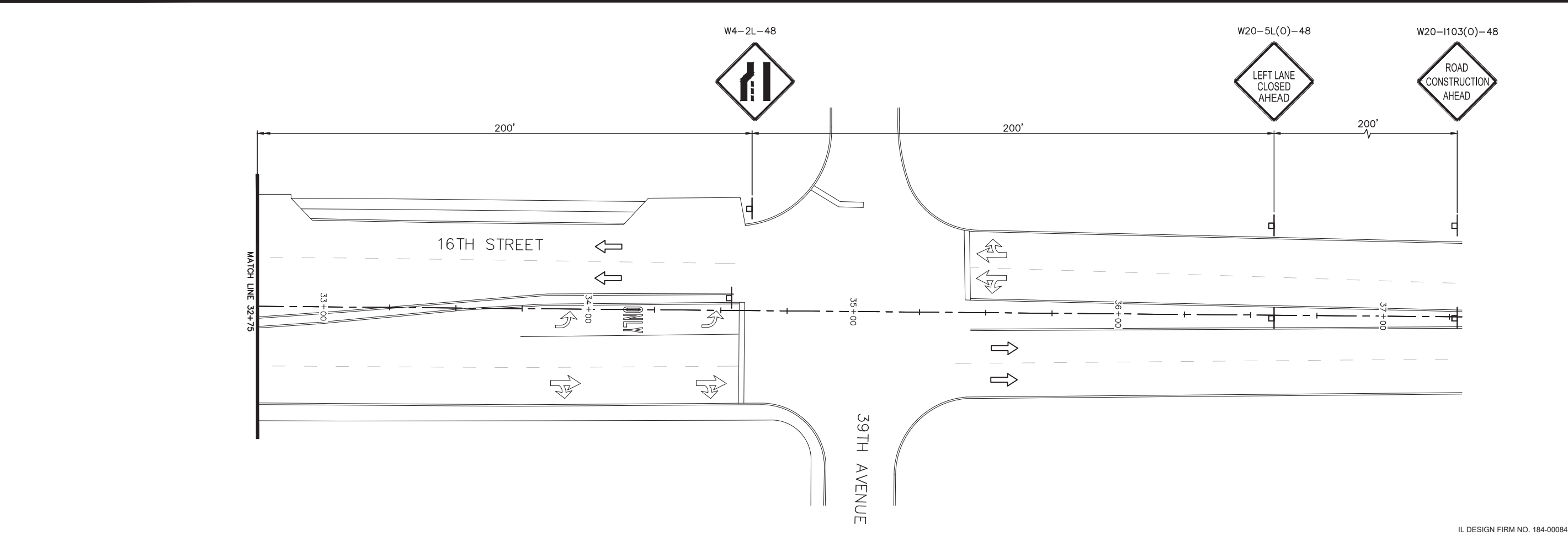
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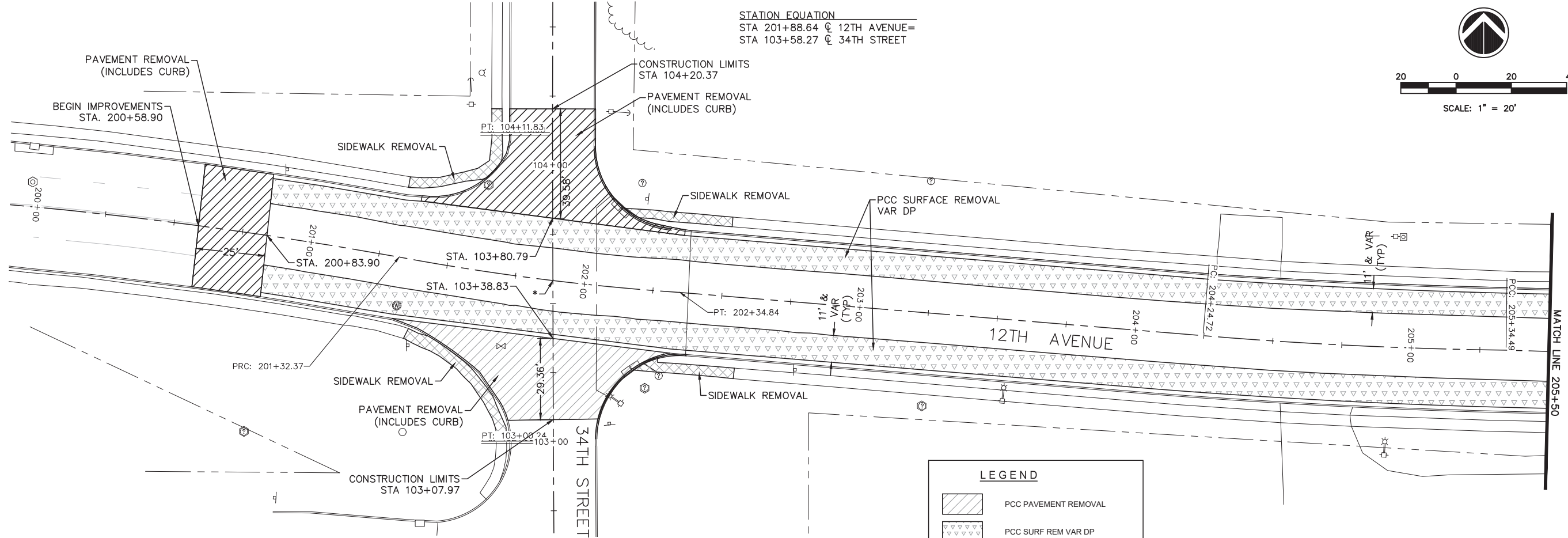
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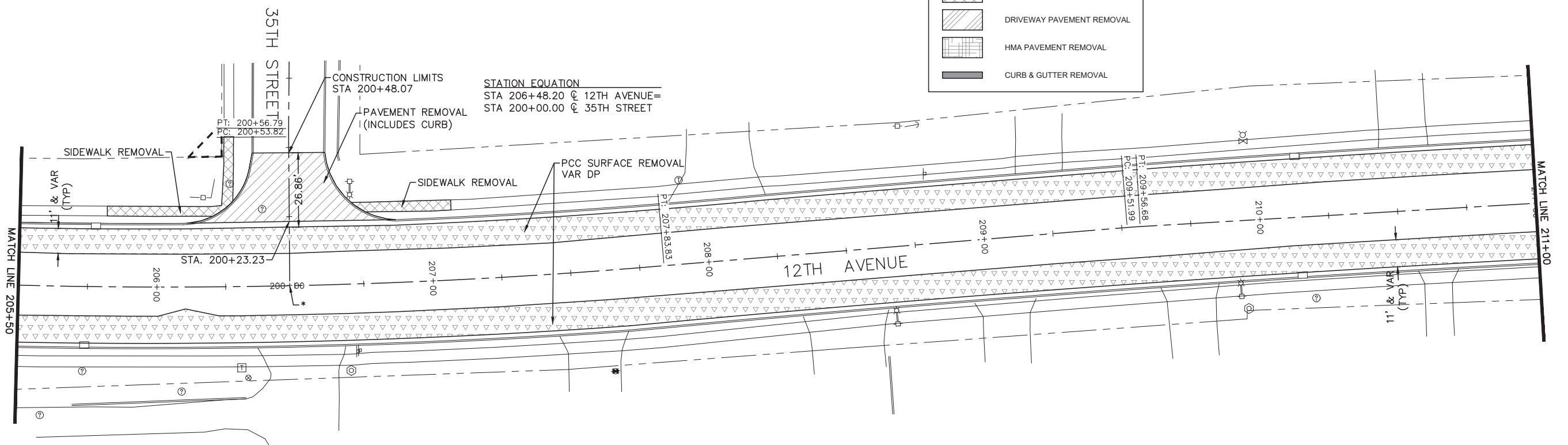
**106**

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**LEGEND**

	PCC PAVEMENT REMOVAL
	PCC SURF REM VAR DP
	CONC MEDIAN REMOVAL
	CORRUGATED MEDIAN REMOVAL
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	HMA PAVEMENT REMOVAL
	CURB & GUTTER REMOVAL



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MOLINE, ILLINOIS

12TH AVENUE REMOVAL PLAN

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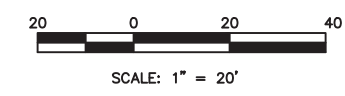
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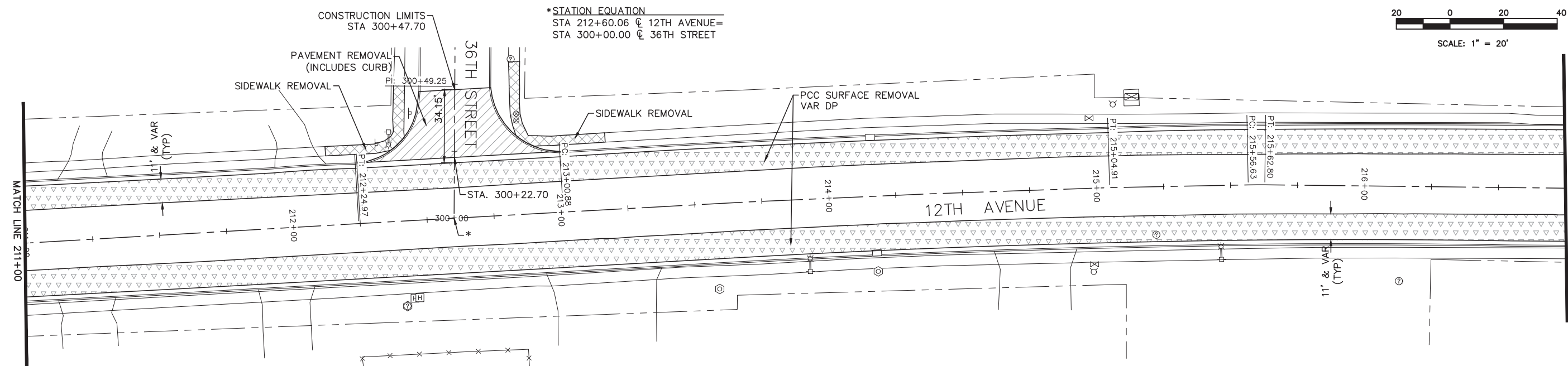
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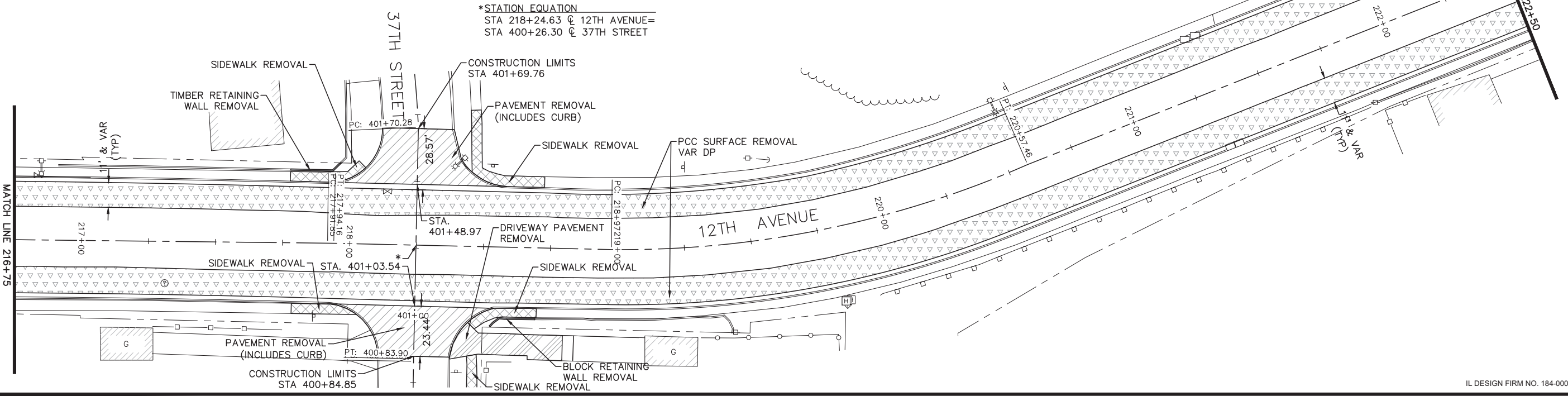
\*STATION EQUATION  
 STA 212+60.06 @ 12TH AVENUE=  
 STA 300+00.00 @ 36TH STREET



**LEGEND**

	PCC PAVEMENT REMOVAL
	PCC SURF REM VAR DP
	CONC MEDIAN REMOVAL
	CORRUGATED MEDIAN REMOVAL
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	HMA PAVEMENT REMOVAL
	CURB & GUTTER REMOVAL

\*STATION EQUATION  
 STA 218+24.63 @ 12TH AVENUE=  
 STA 400+26.30 @ 37TH STREET



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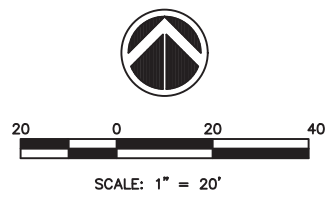
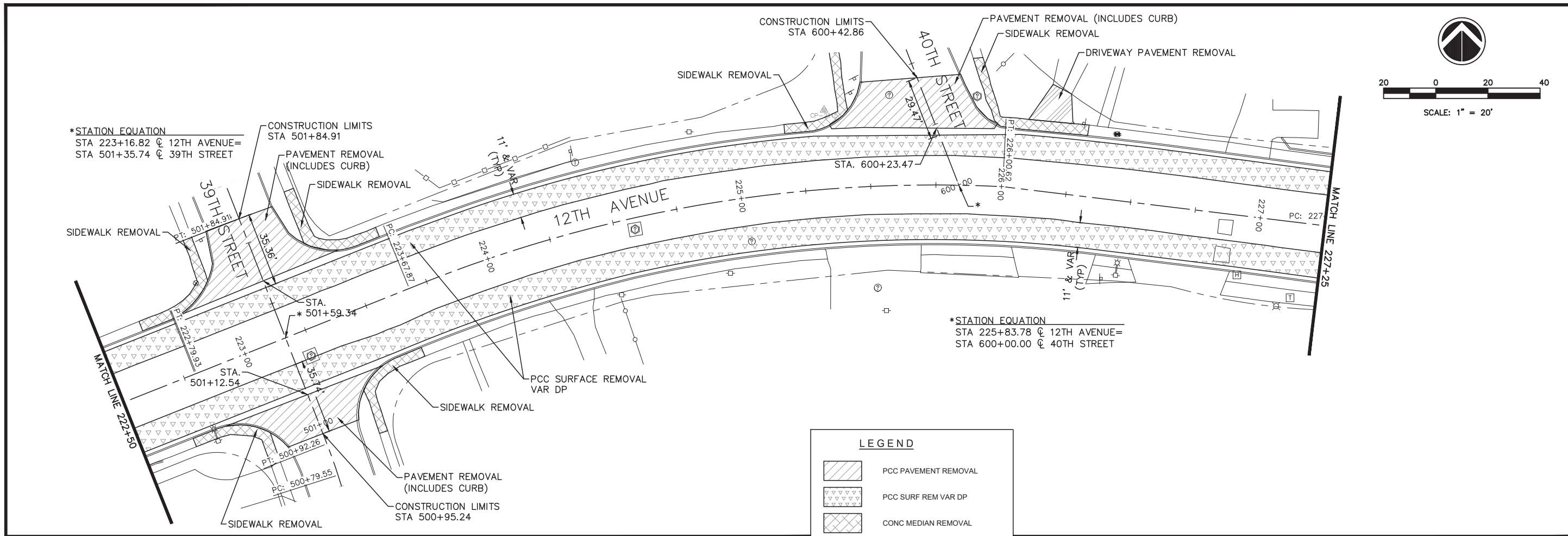
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 MOLINE, ILLINOIS  
 12TH AVENUE REMOVAL PLAN  
 (2)

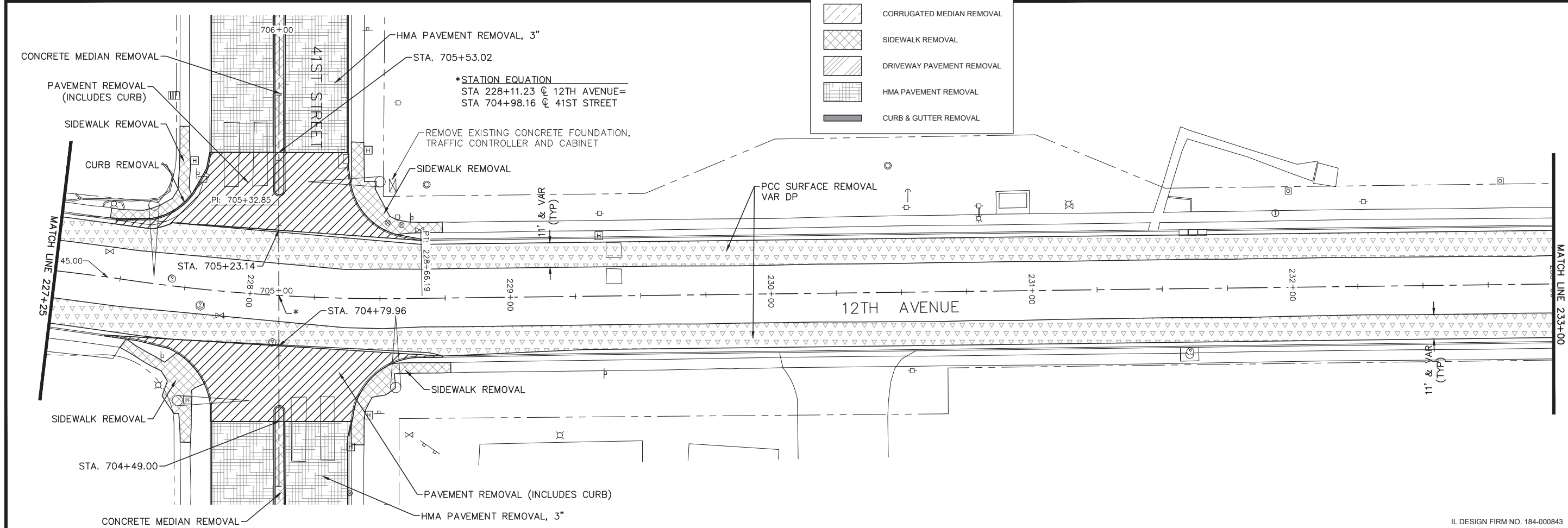
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**LEGEND**

	PCC PAVEMENT REMOVAL
	PCC SURF REM VAR DP
	CONC MEDIAN REMOVAL
	CORRUGATED MEDIAN REMOVAL
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	HMA PAVEMENT REMOVAL
	CURB & GUTTER REMOVAL



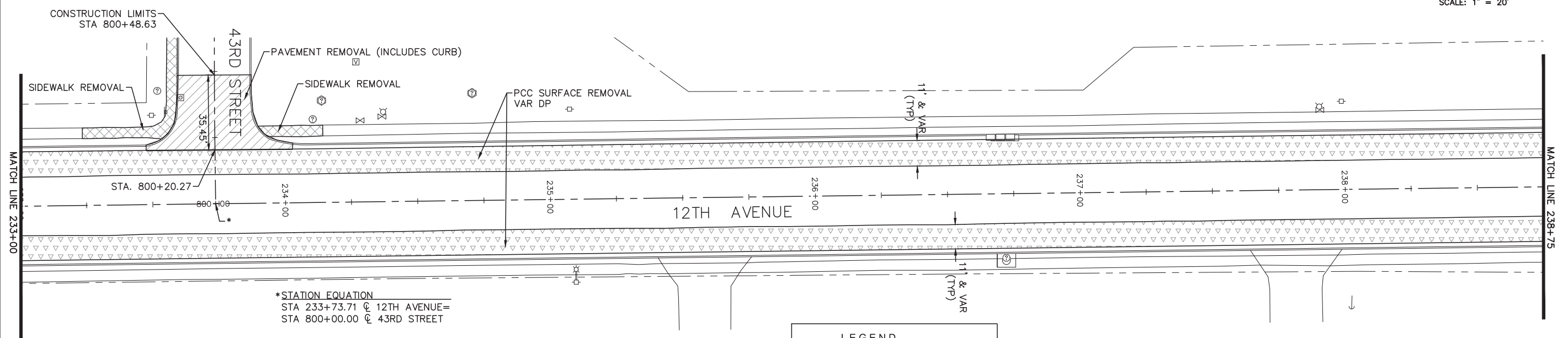
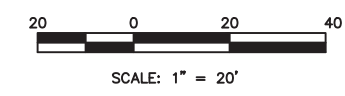
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 MOLINE, ILLINOIS  
**12TH AVENUE REMOVAL PLAN**  
 (3)

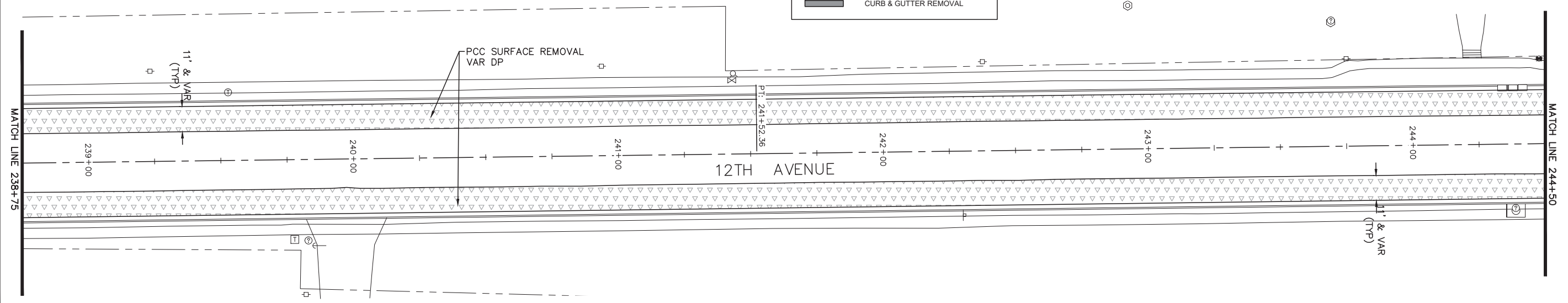
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\*STATION EQUATION  
 STA 233+73.71 @ 12TH AVENUE=  
 STA 800+00.00 @ 43RD STREET

**LEGEND**

- PCC PAVEMENT REMOVAL
- PCC SURF REM VAR DP
- CONC MEDIAN REMOVAL
- CORRUGATED MEDIAN REMOVAL
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HMA PAVEMENT REMOVAL
- CURB & GUTTER REMOVAL



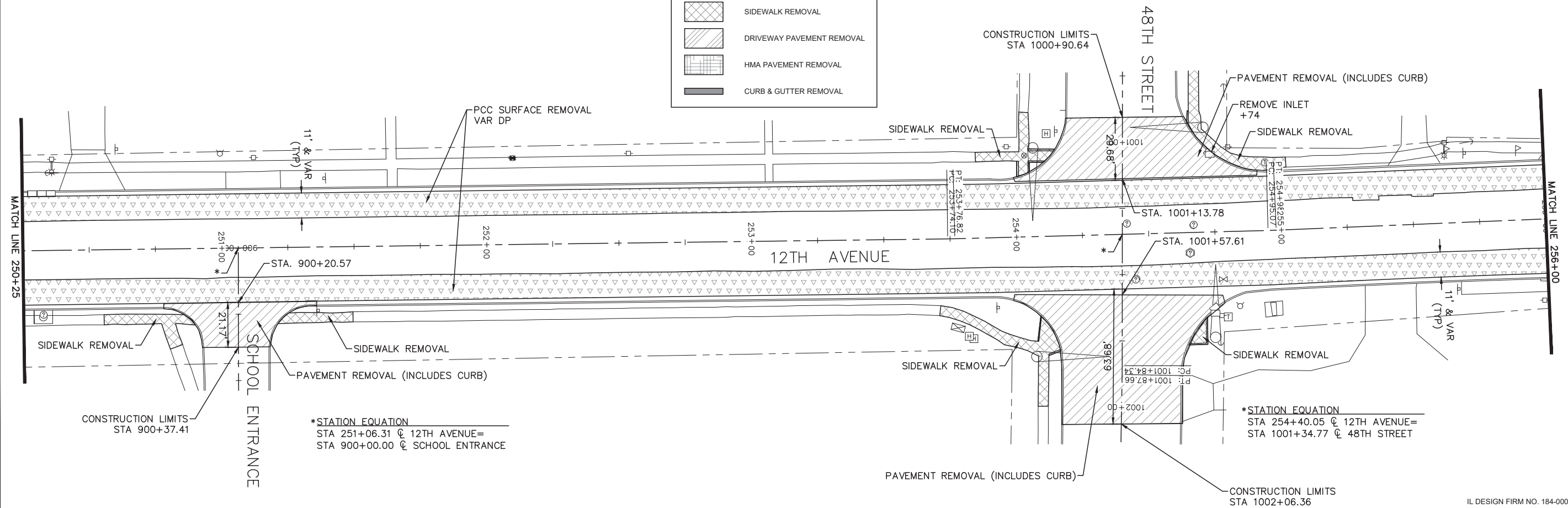
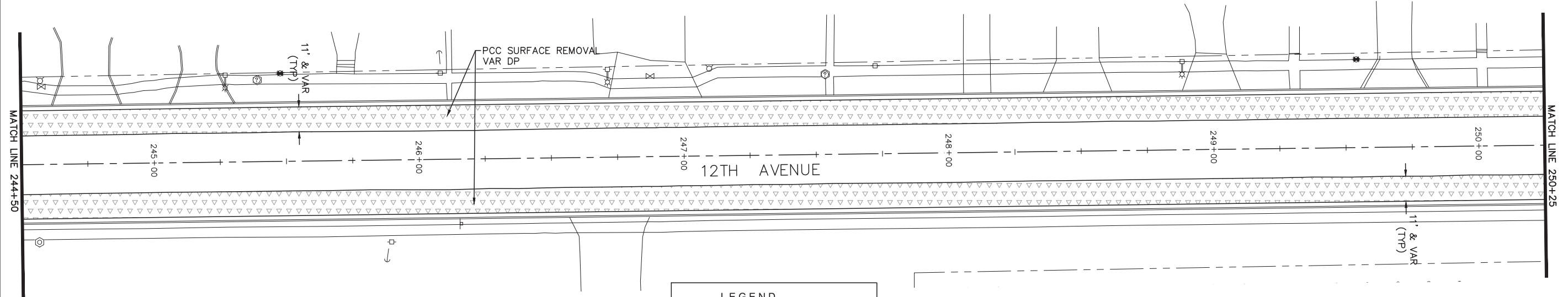
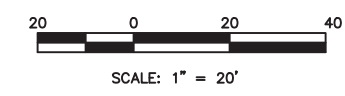
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2018 MOLINE RESURFACING  
 MOLINE, ILLINOIS  
 12TH AVENUE REMOVAL PLAN  
 (4)

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**LEGEND**

	PCC PAVEMENT REMOVAL
	PCC SURF REM VAR DP
	CONC MEDIAN REMOVAL
	CORRUGATED MEDIAN REMOVAL
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	HMA PAVEMENT REMOVAL
	CURB & GUTTER REMOVAL

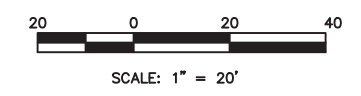
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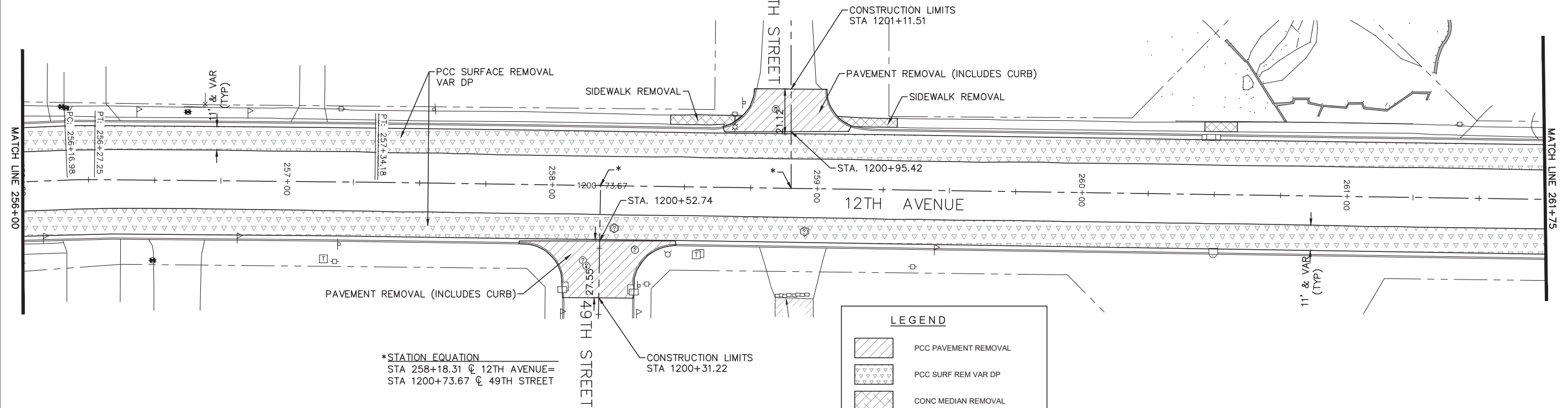
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\*STATION EQUATION  
STA 258+90.26 @ 12TH AVENUE=  
STA 1200+74.00 @ 49TH STREET

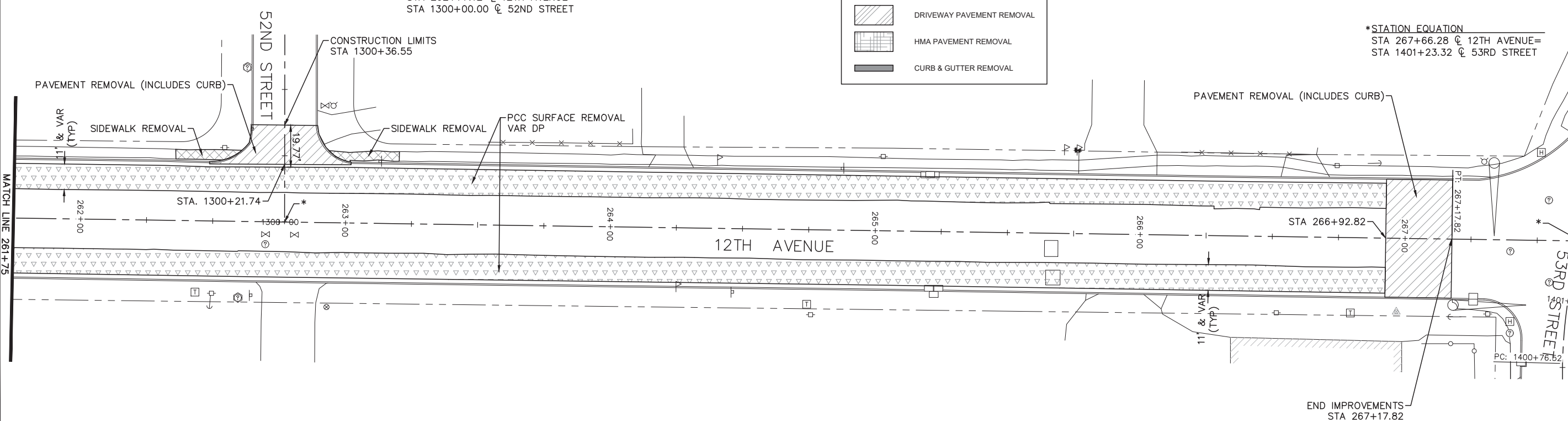


\*STATION EQUATION  
STA 258+18.31 @ 12TH AVENUE=  
STA 1200+73.67 @ 49TH STREET

**LEGEND**

- PCC PAVEMENT REMOVAL
- PCC SURF REM VAR DP
- CONC MEDIAN REMOVAL
- CORRUGATED MEDIAN REMOVAL
- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- HMA PAVEMENT REMOVAL
- CURB & GUTTER REMOVAL

\*STATION EQUATION  
STA 262+77.12 @ 12TH AVENUE=  
STA 1300+00.00 @ 52ND STREET



\*STATION EQUATION  
STA 267+66.28 @ 12TH AVENUE=  
STA 1401+23.32 @ 53RD STREET

END IMPROVEMENTS  
STA 267+17.82

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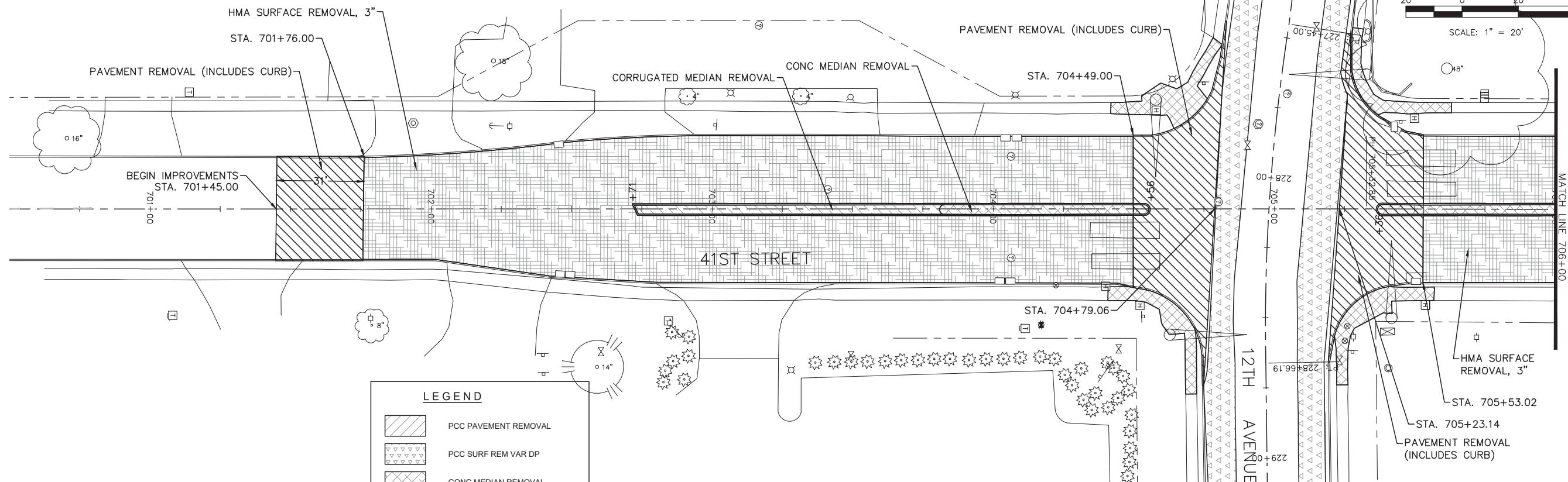
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MOLINE, ILLINOIS

**12TH AVENUE REMOVAL PLAN**  
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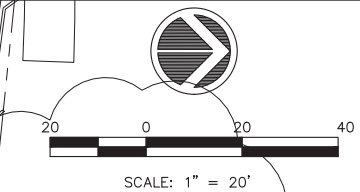
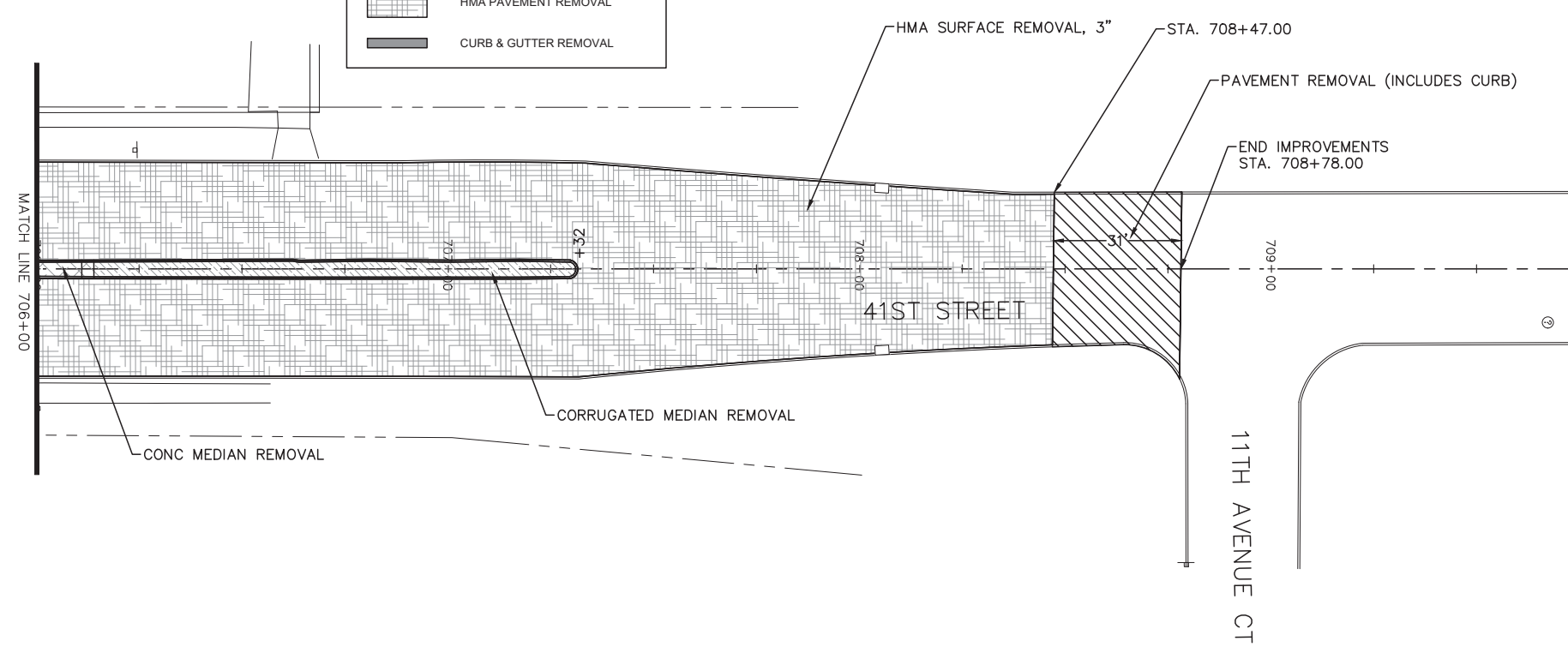
**112**  
Sheet 112 of 152

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**LEGEND**

	PCC PAVEMENT REMOVAL
	PCC SURF REM VAR DP
	CONC MEDIAN REMOVAL
	CORRUGATED MEDIAN REMOVAL
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	HMA PAVEMENT REMOVAL
	CURB & GUTTER REMOVAL



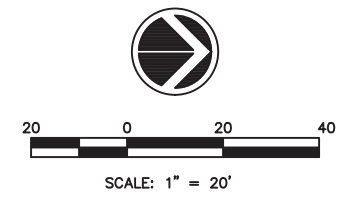
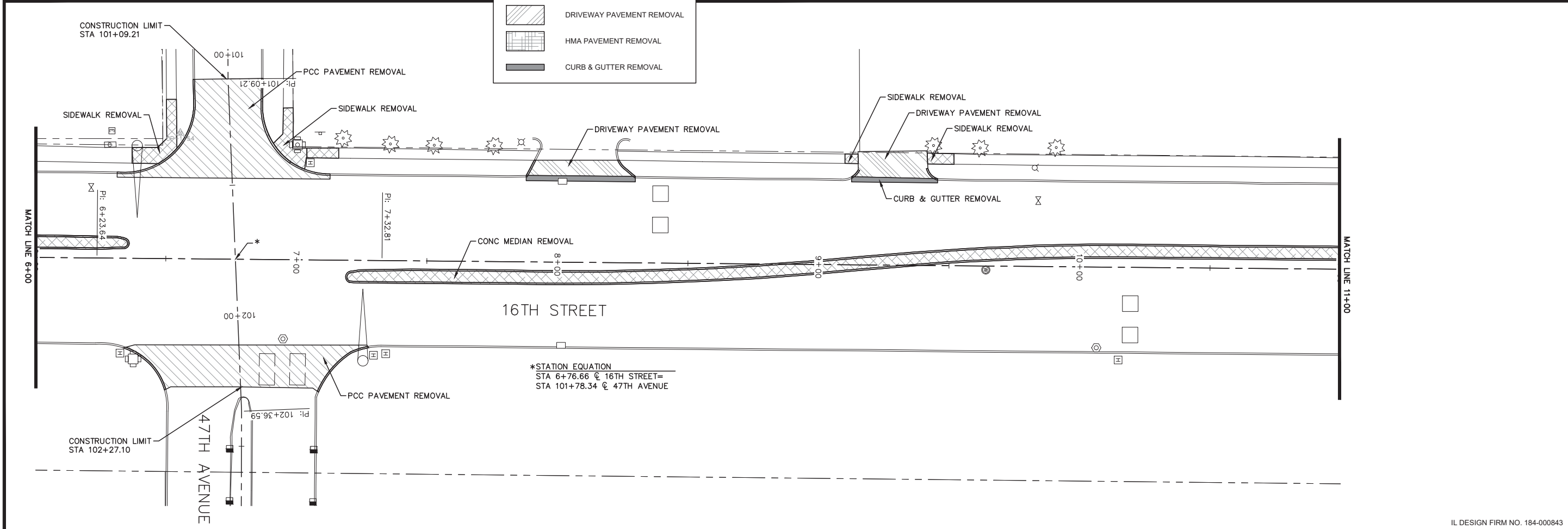
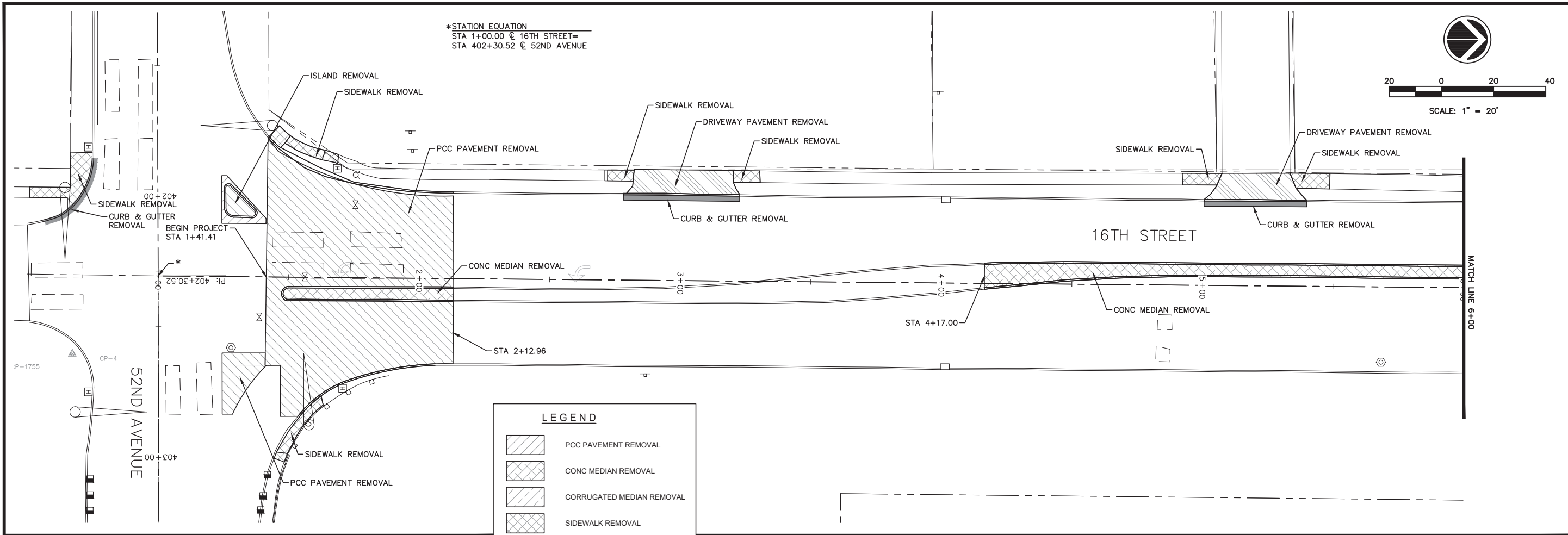
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41 STREET REMOVAL PLAN

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**16TH STREET**

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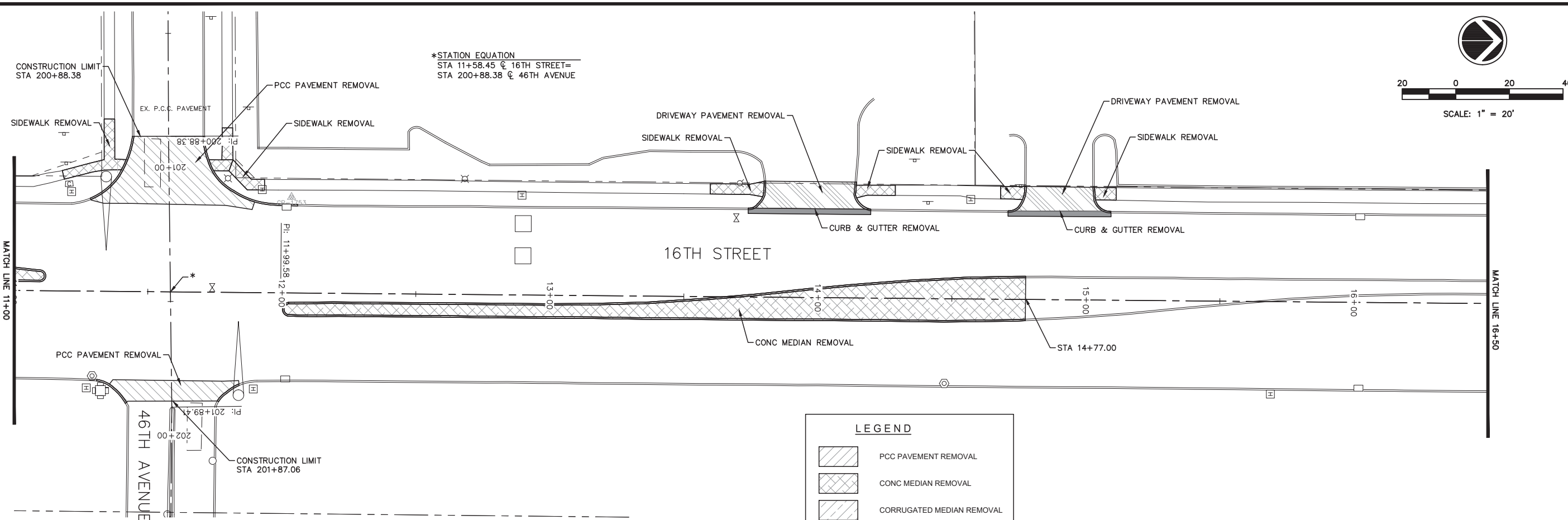
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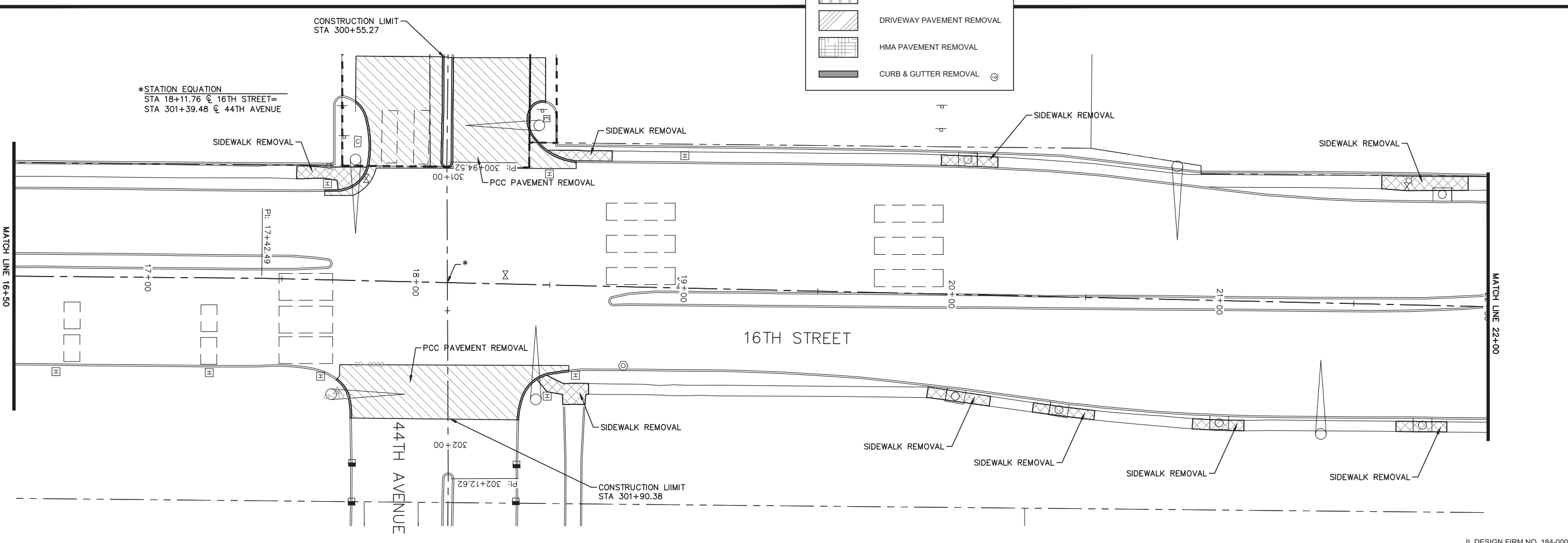
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**LEGEND**

	PCC PAVEMENT REMOVAL
	CONC MEDIAN REMOVAL
	CORRUGATED MEDIAN REMOVAL
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	HMA PAVEMENT REMOVAL
	CURB & GUTTER REMOVAL



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**REMOVAL PLAN  
16TH STREET**

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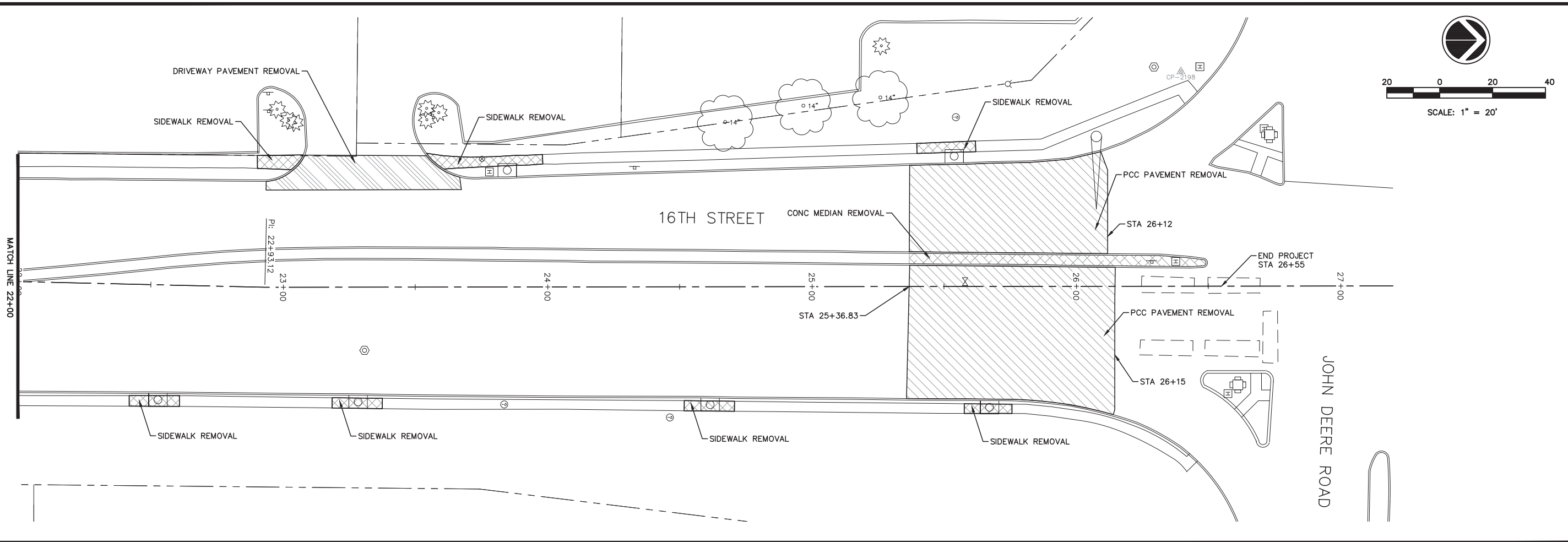
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**LEGEND**

	PCC PAVEMENT REMOVAL
	CONC MEDIAN REMOVAL
	CORRUGATED MEDIAN REMOVAL
	SIDEWALK REMOVAL
	DRIVEWAY PAVEMENT REMOVAL
	HMA PAVEMENT REMOVAL
	CURB & GUTTER REMOVAL

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MOLINE, ILLINOIS  
REMOVAL PLAN  
16TH STREET

Missman Project No:  
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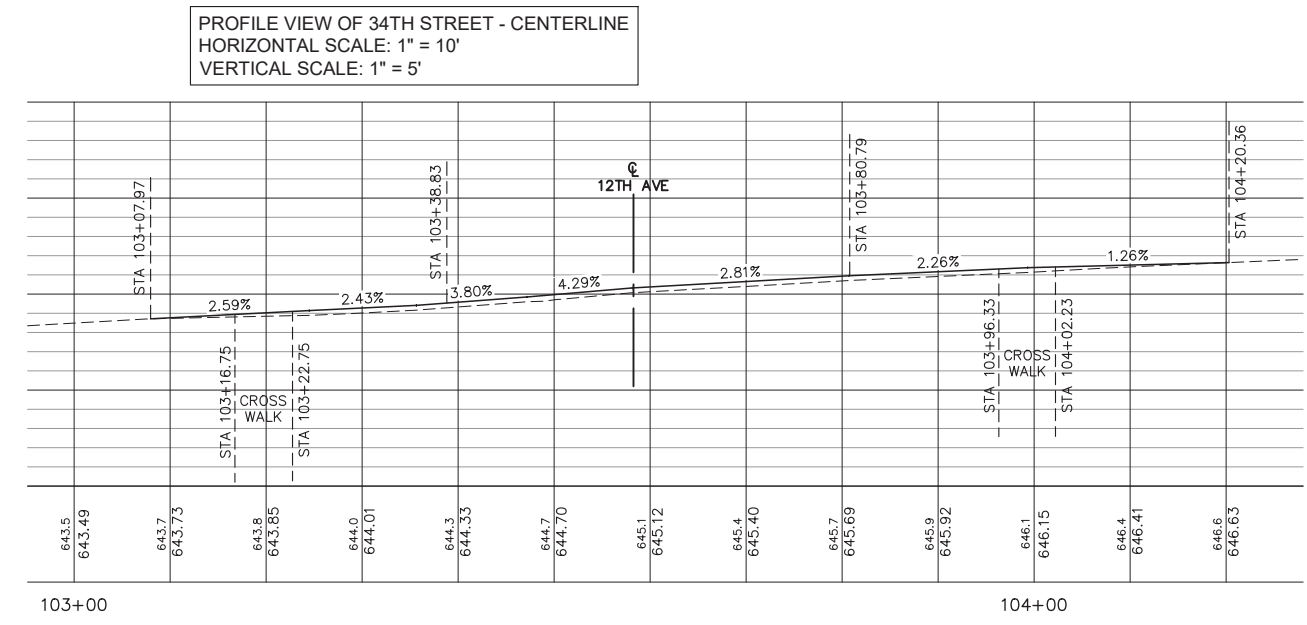
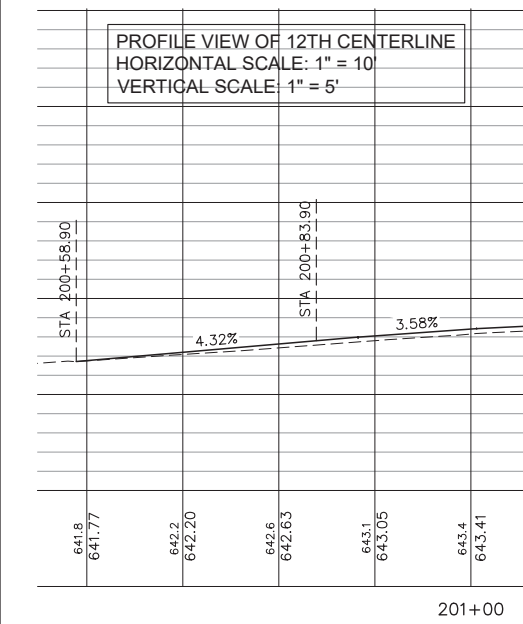
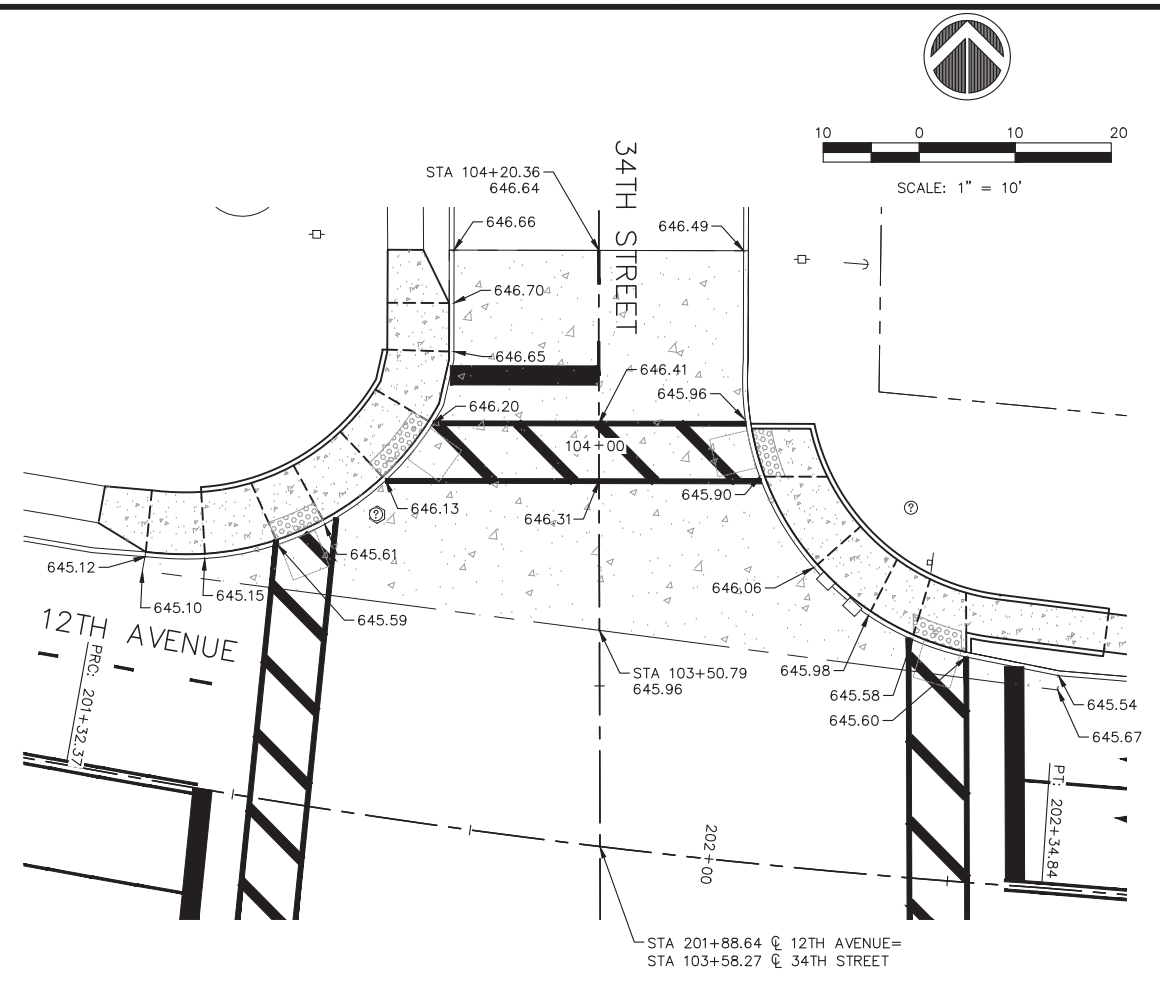
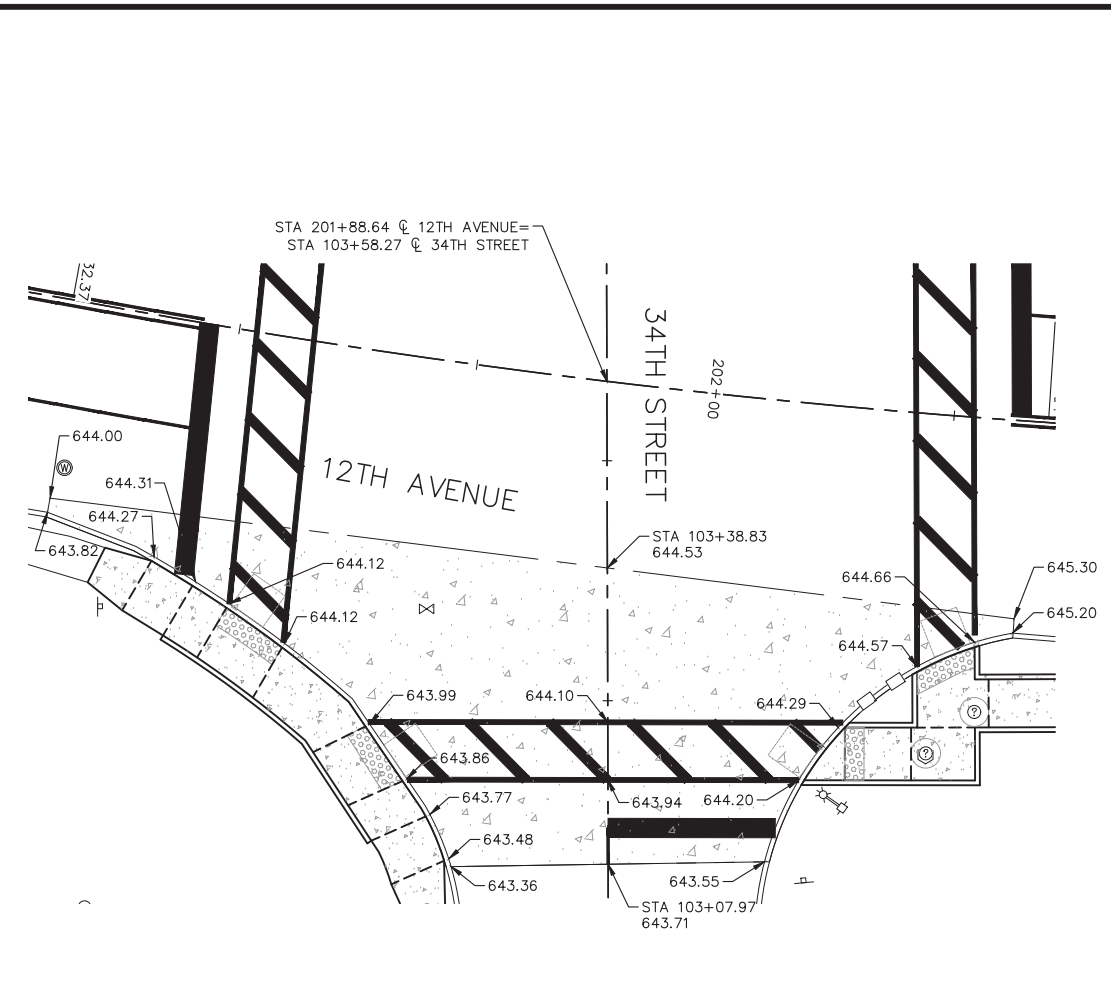
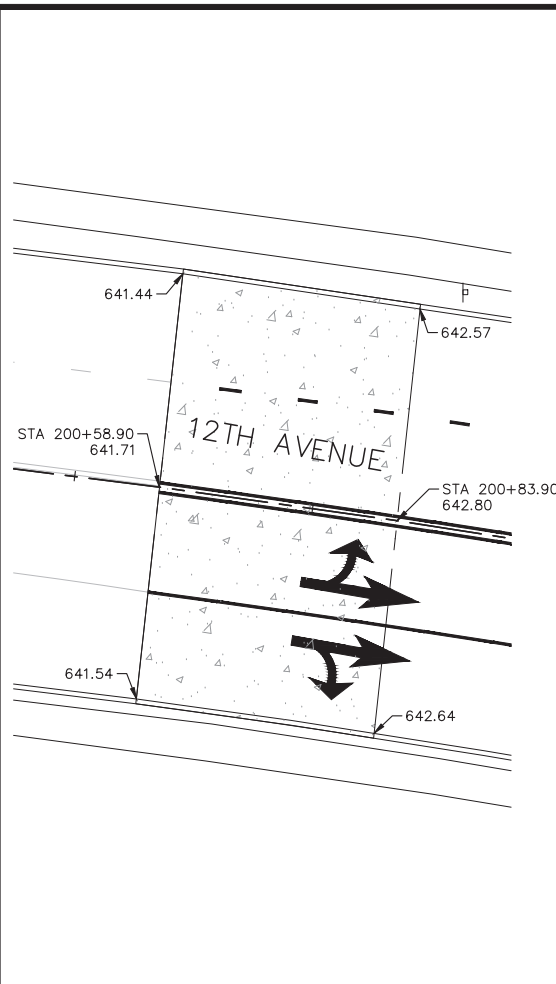
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Sheet 116 of 152





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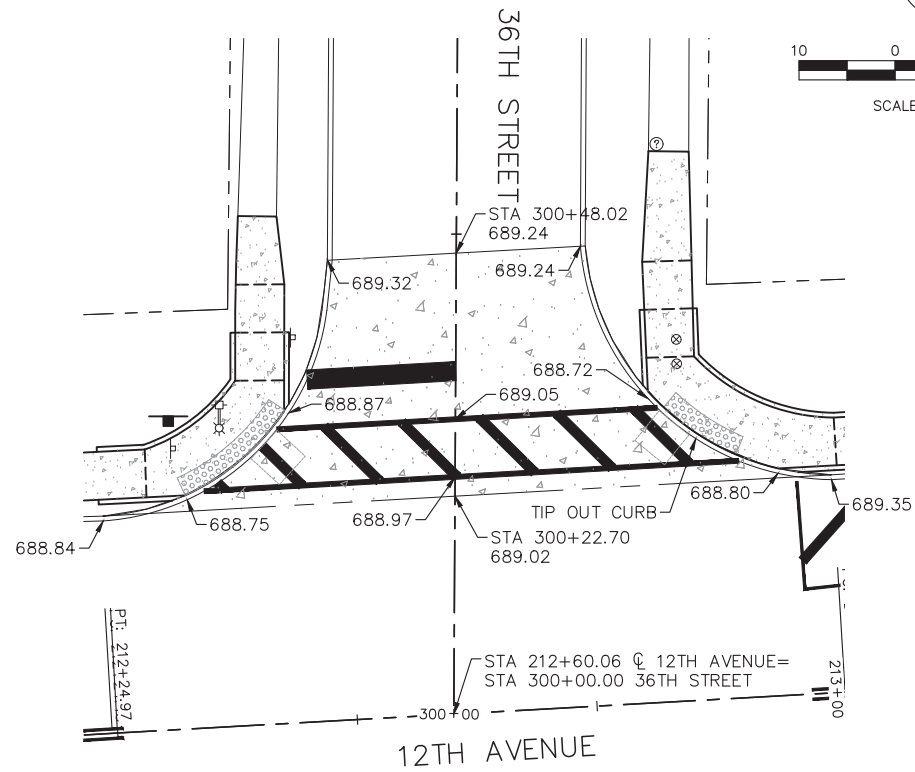
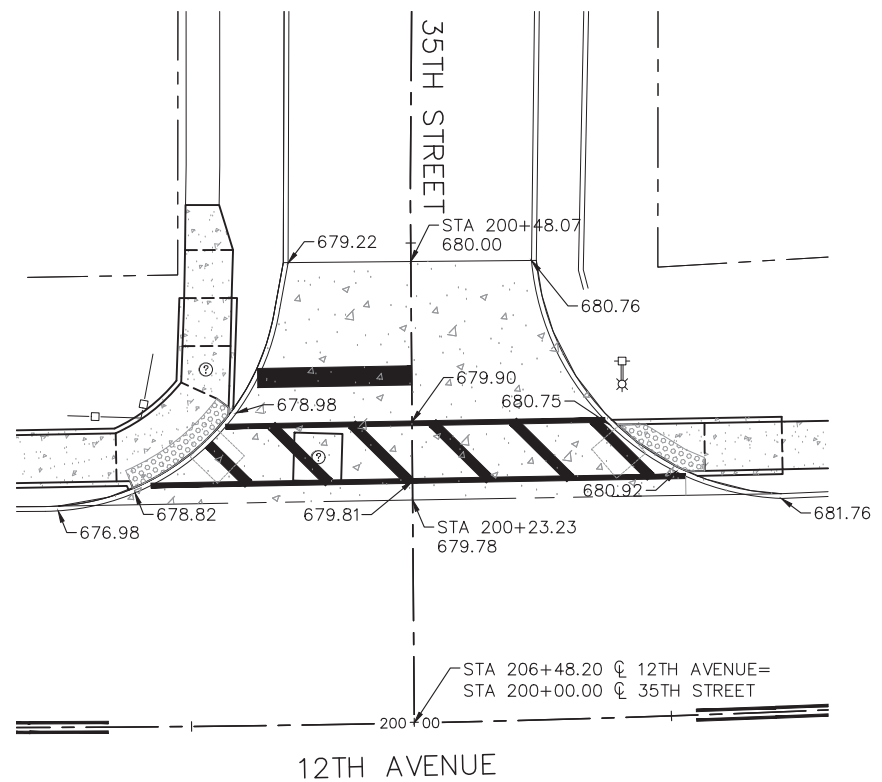
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PAVEMENT ELEVATIONS

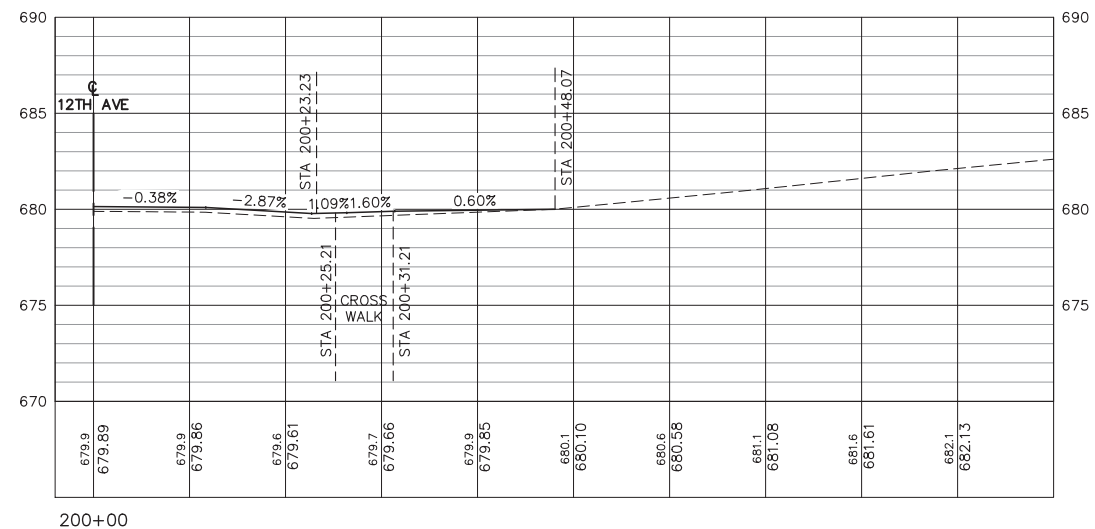
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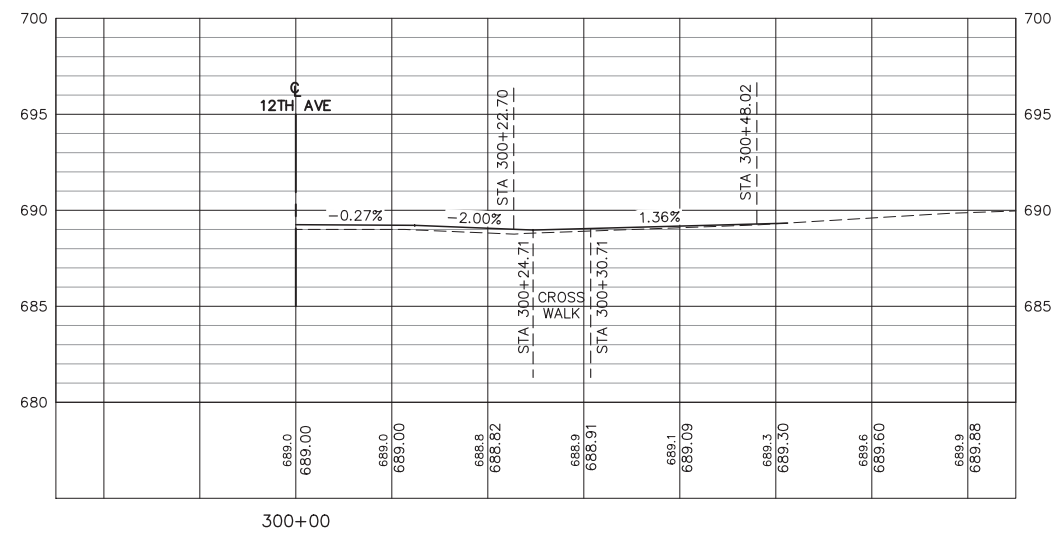
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PROFILE VIEW OF 35TH STREET - CENTERLINE  
 HORIZONTAL SCALE: 1" = 10'  
 VERTICAL SCALE: 1" = 5'



PROFILE VIEW OF 36TH STREET COURT-CENTERLINE  
 HORIZONTAL SCALE: 1" = 10'  
 VERTICAL SCALE: 1" = 5'



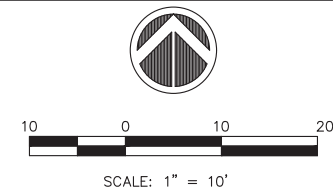
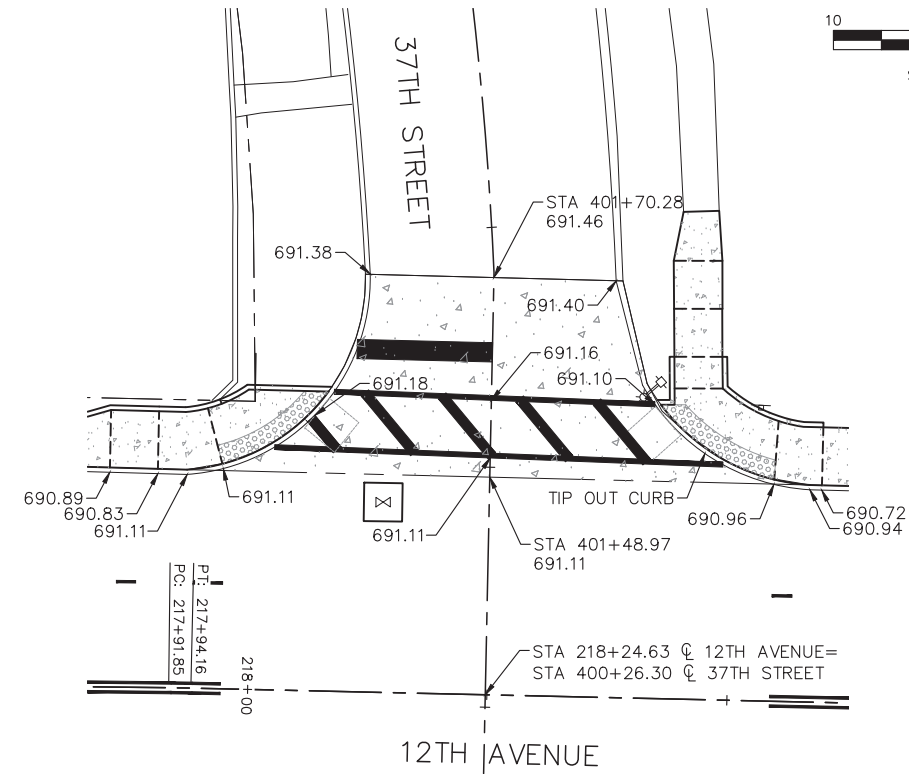
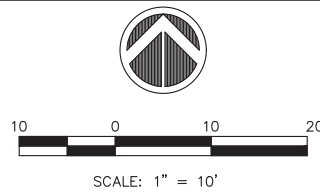
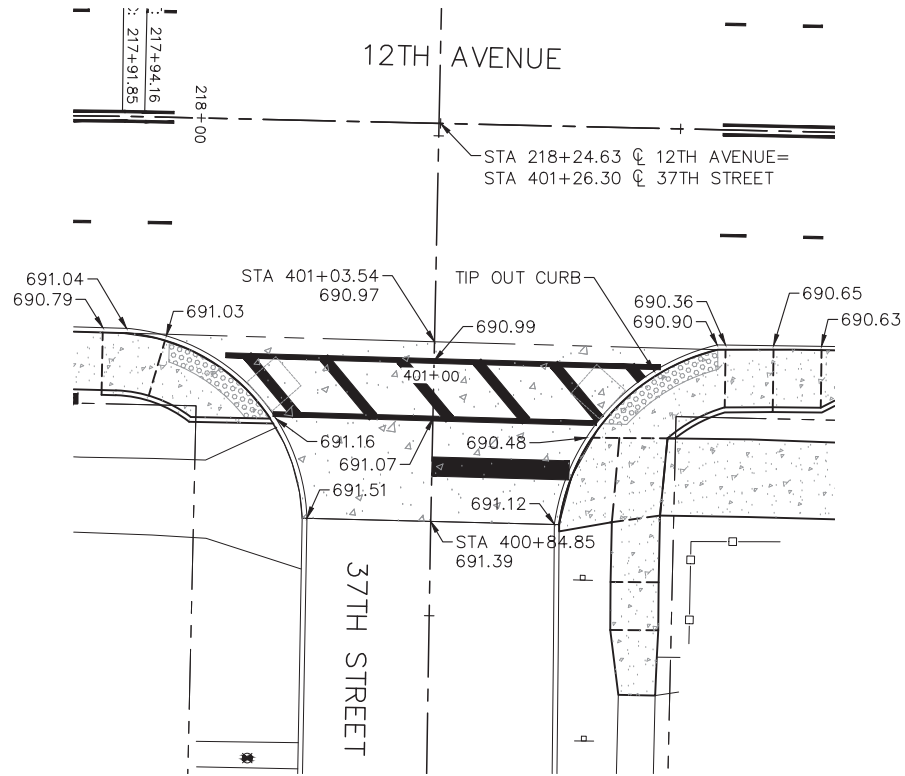
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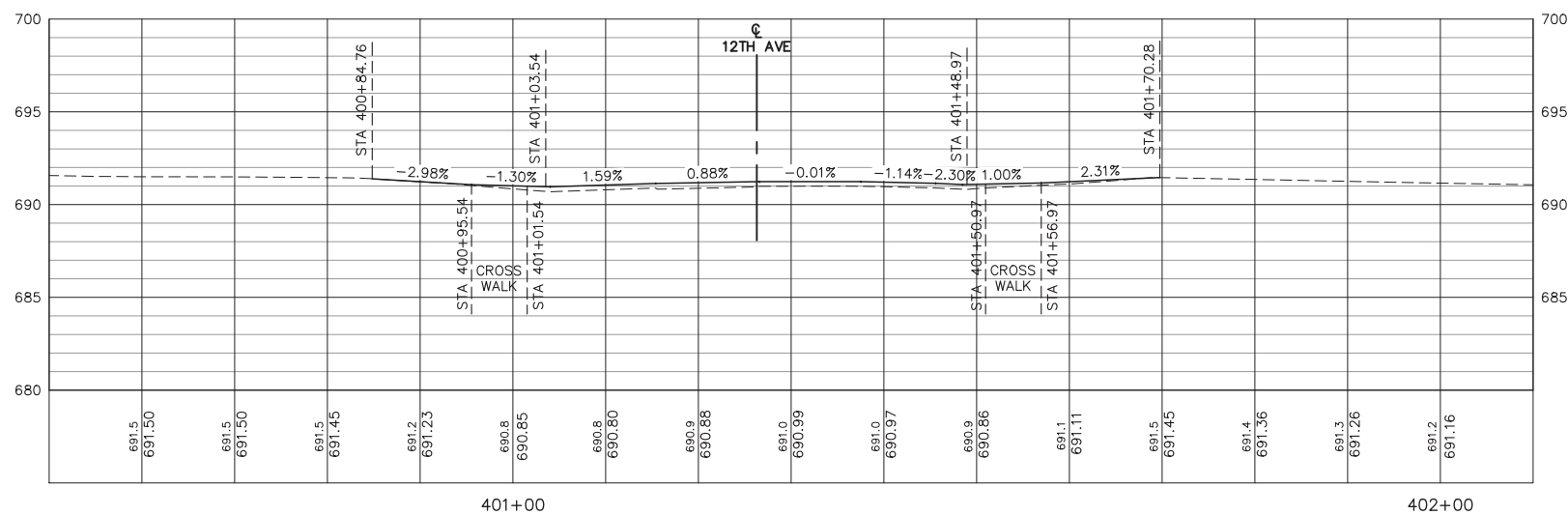
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PROFILE VIEW OF 37TH STREET COURT - CENTERLINE  
 HORIZONTAL SCALE: 1" = 10'  
 VERTICAL SCALE: 1" = 5'



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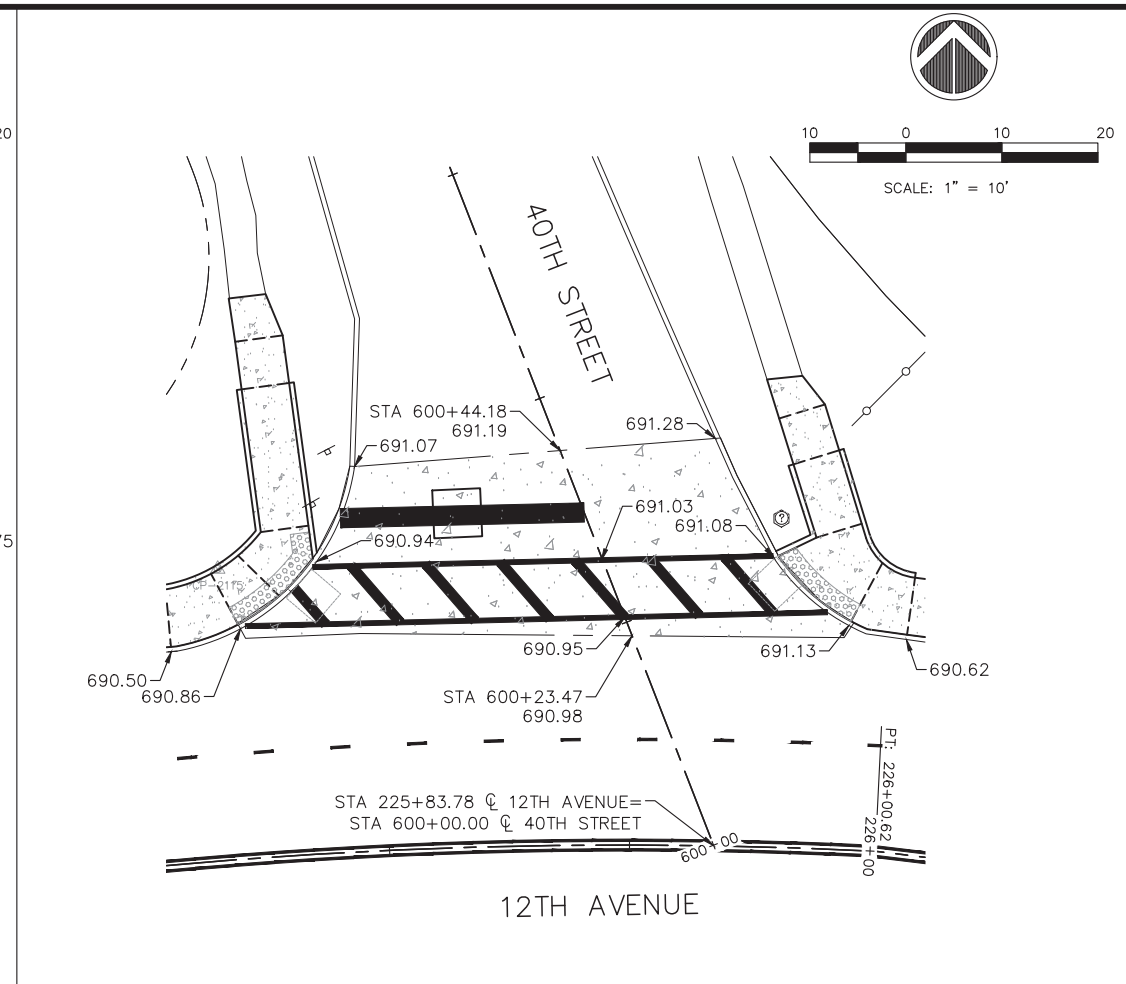
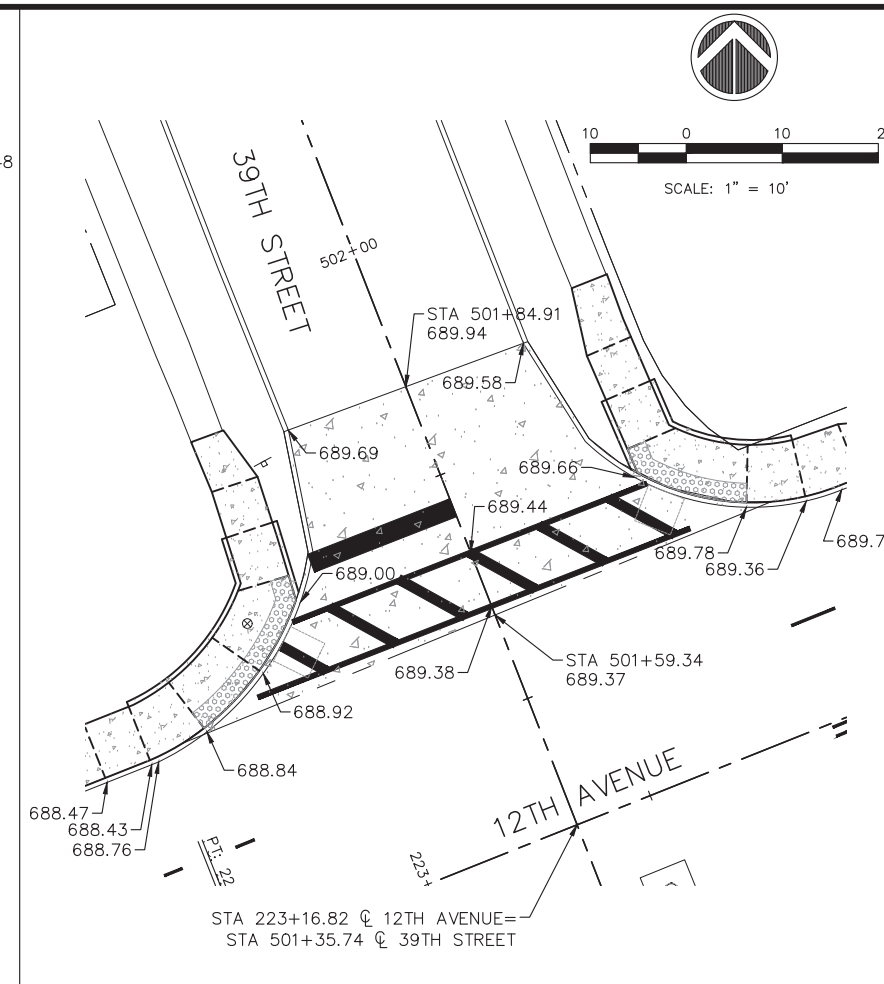
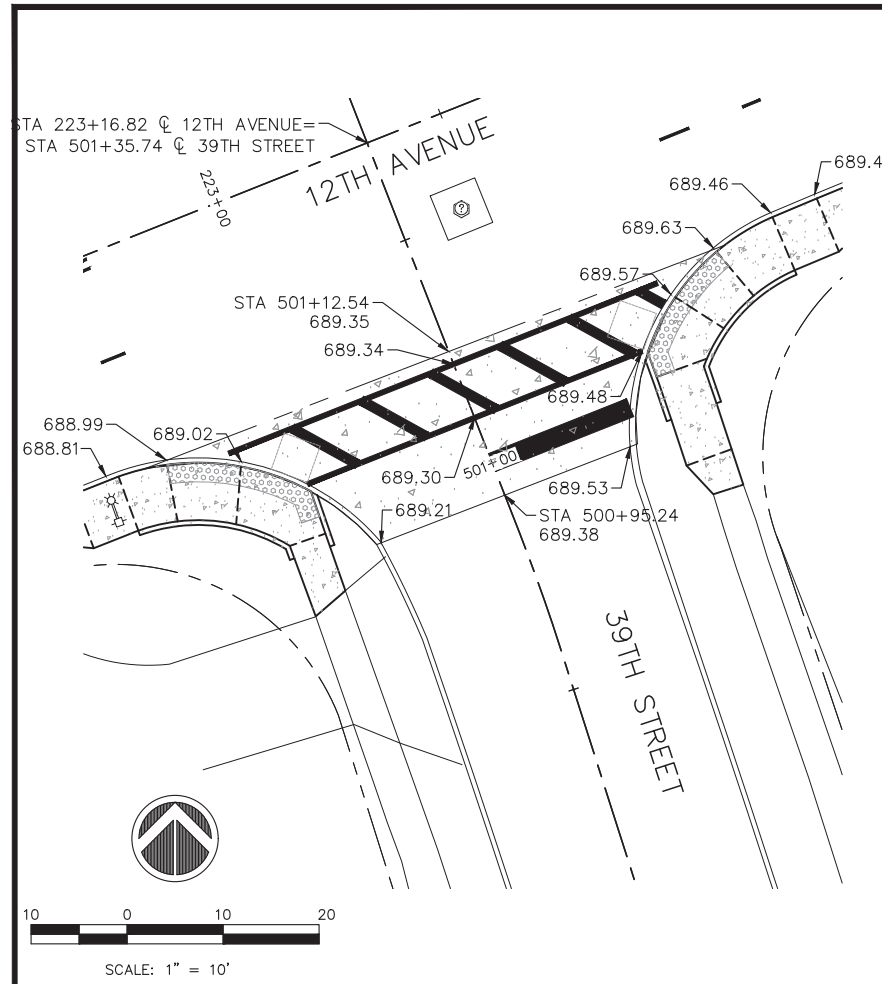
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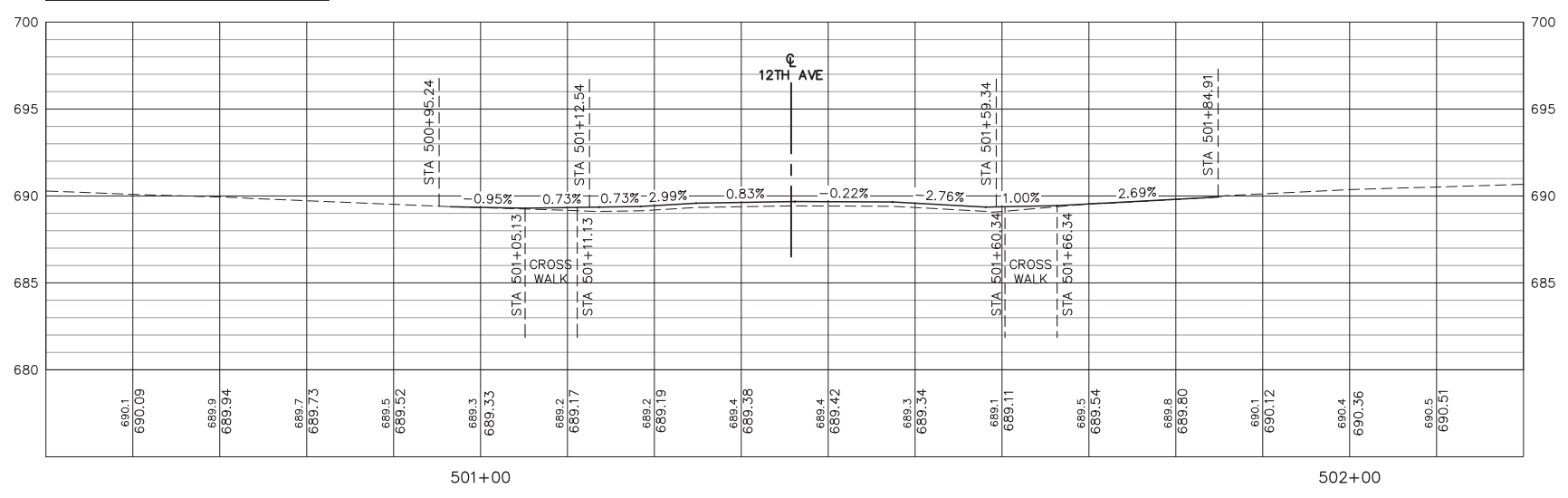
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 PAVEMENT ELEVATIONS (3)

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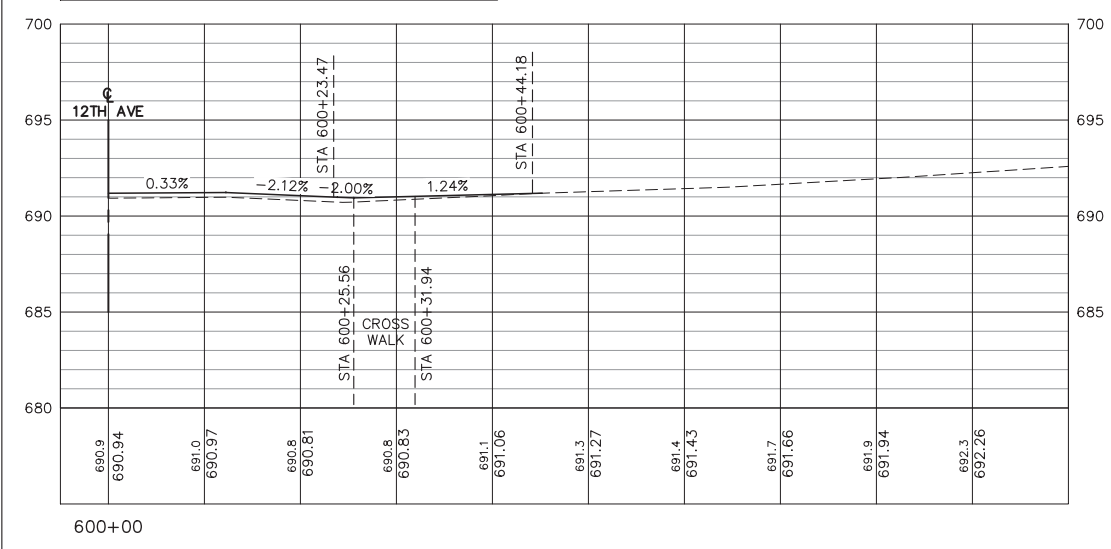
**119**  
 Sheet 119 of 152



PROFILE VIEW OF 39TH STREET  
HORIZONTAL SCALE: 1" = 10'  
VERTICAL SCALE: 1" = 5'



PROFILE VIEW OF 40TH STREET-CENTERLINE  
HORIZONTAL SCALE: 1" = 10'  
VERTICAL SCALE: 1" = 5'



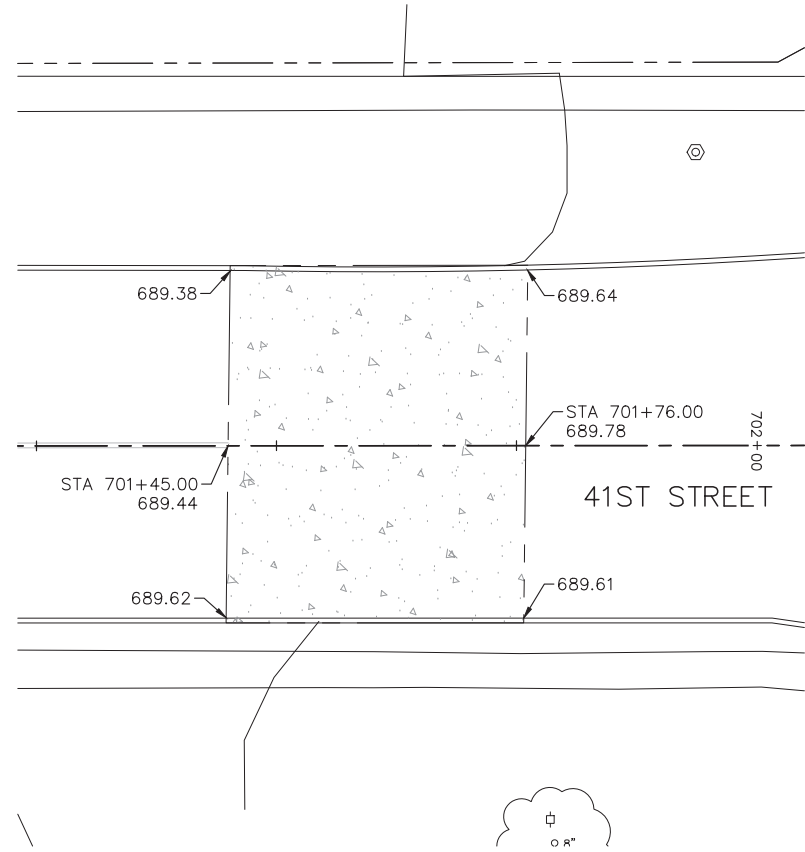
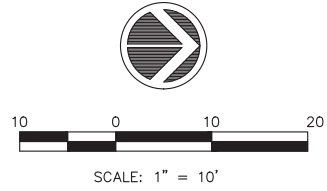
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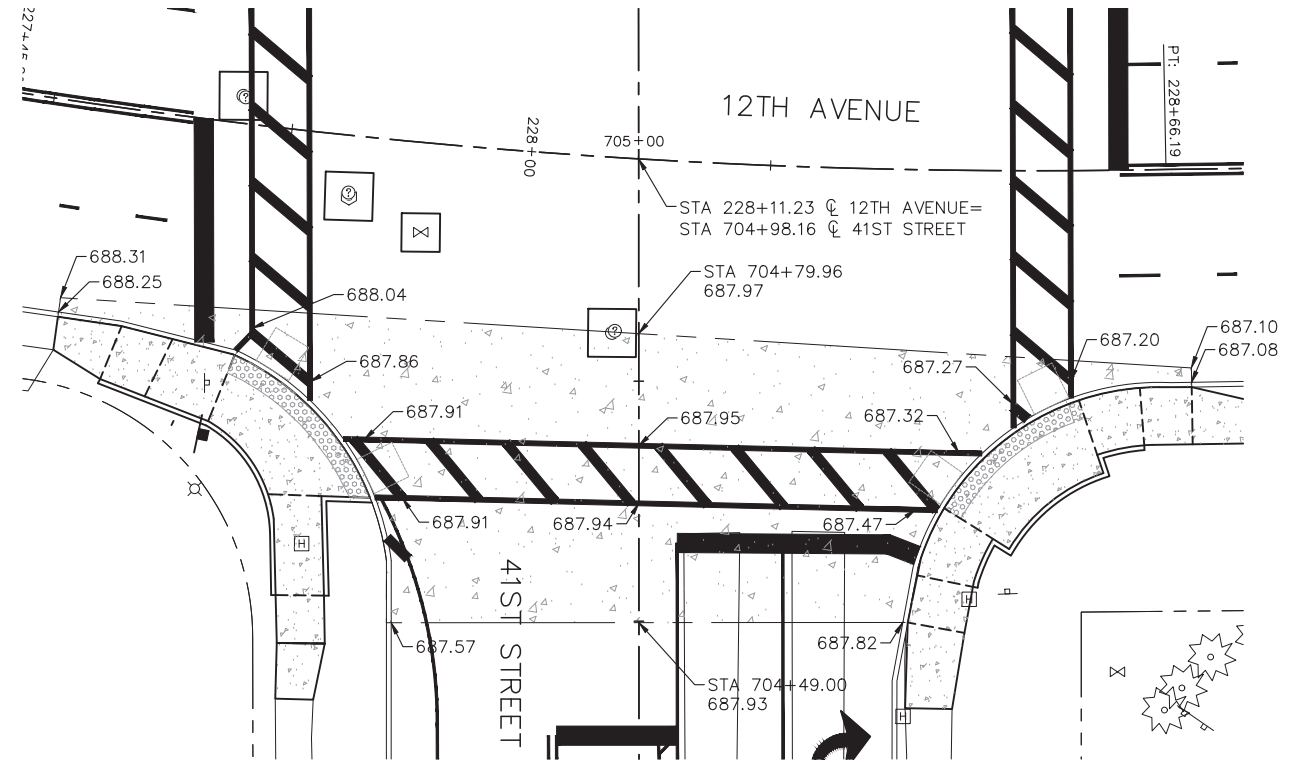
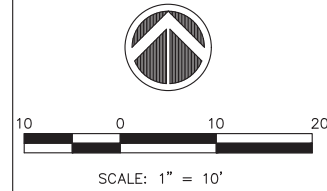
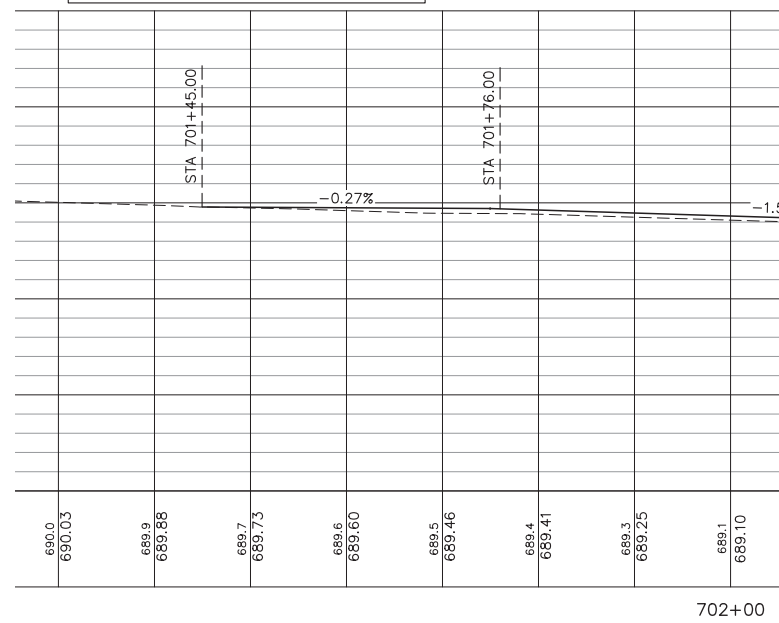
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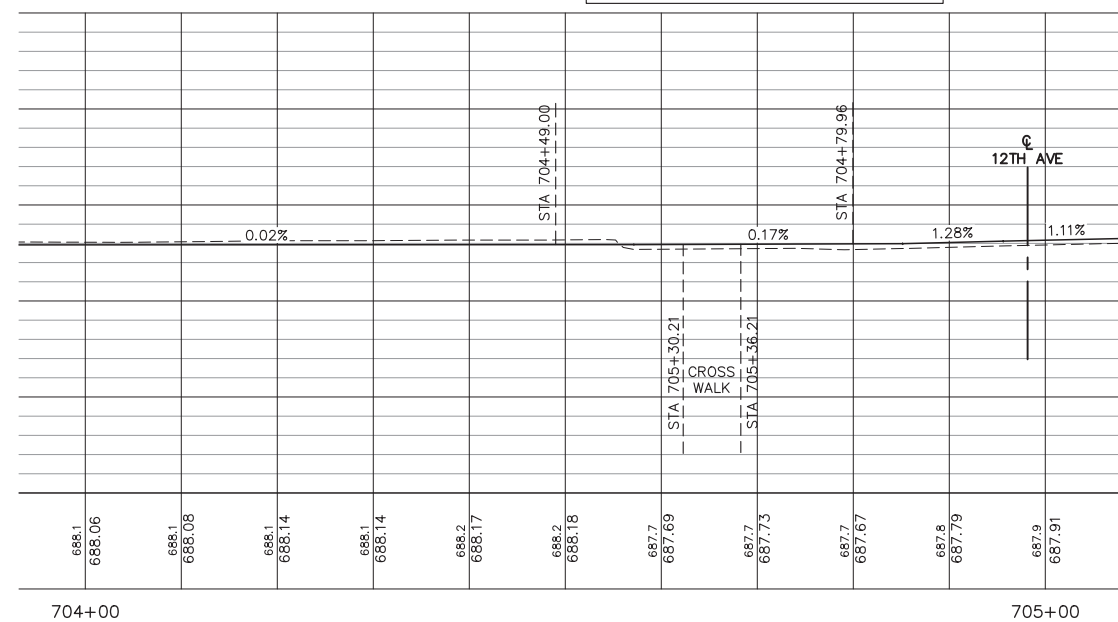
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PROFILE VIEW OF 12TH CENTERLINE  
 HORIZONTAL SCALE: 1" = 10'  
 VERTICAL SCALE: 1" = 5'



PROFILE VIEW OF 12TH CENTERLINE  
 HORIZONTAL SCALE: 1" = 10'  
 VERTICAL SCALE: 1" = 5'



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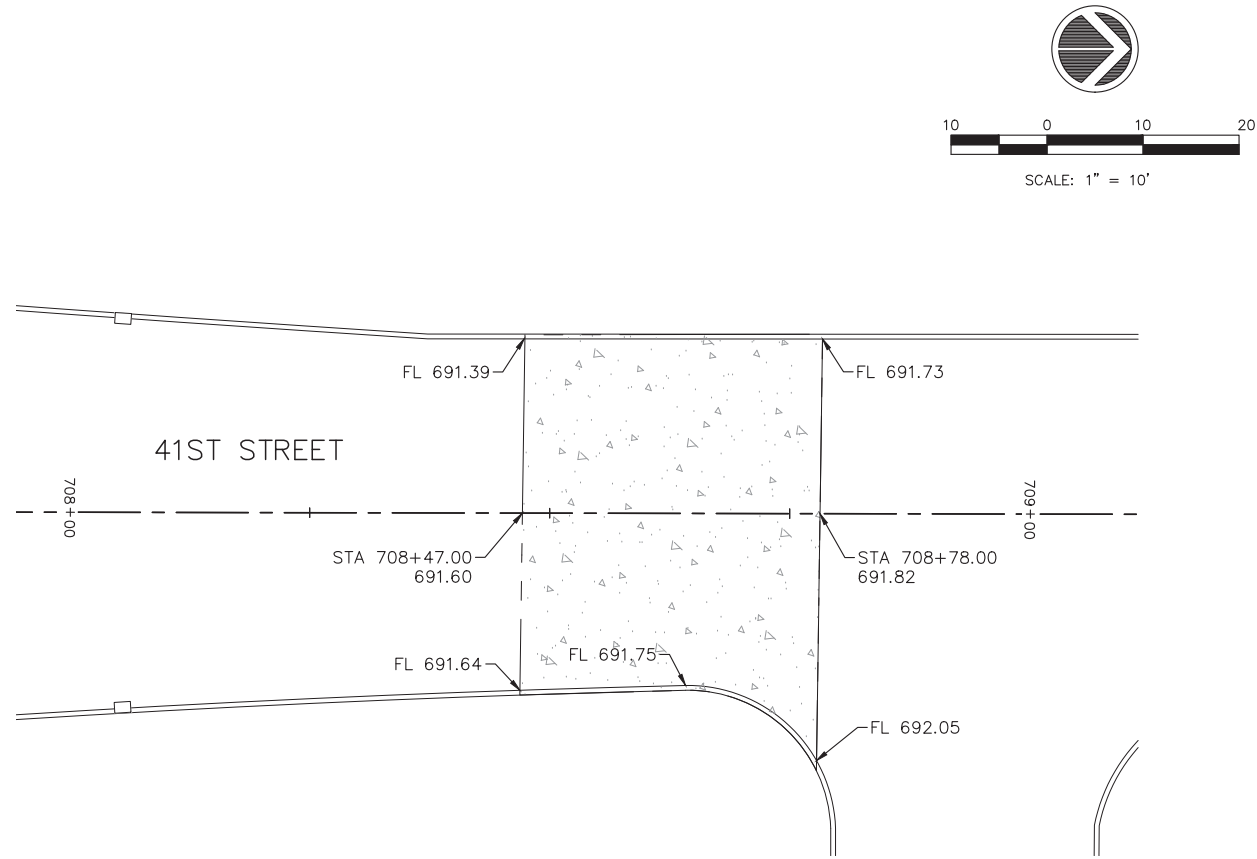
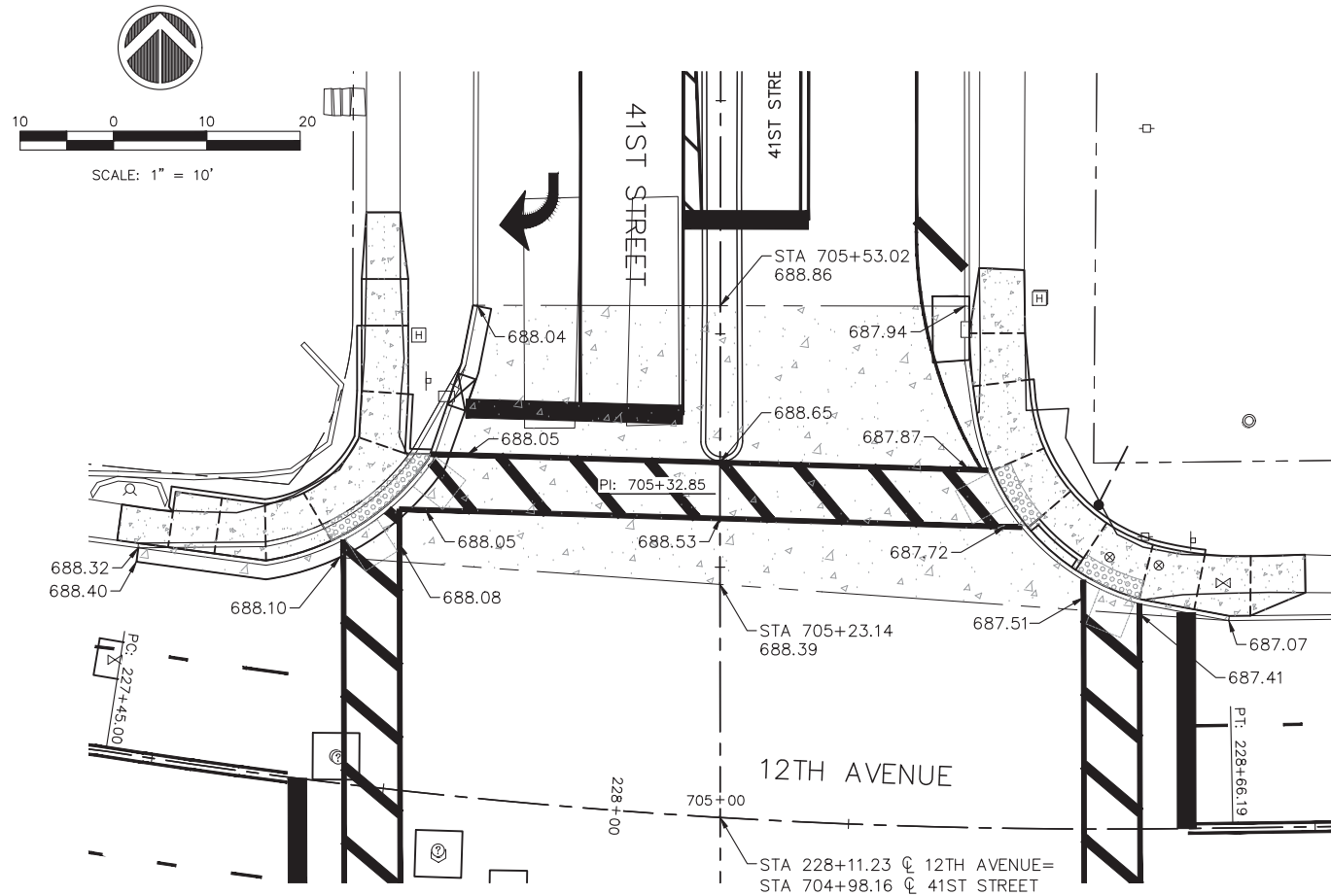
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 MOLINE, ILLINOIS  
 12TH AVENUE PCC  
 PAVEMENT ELEVATIONS (5)

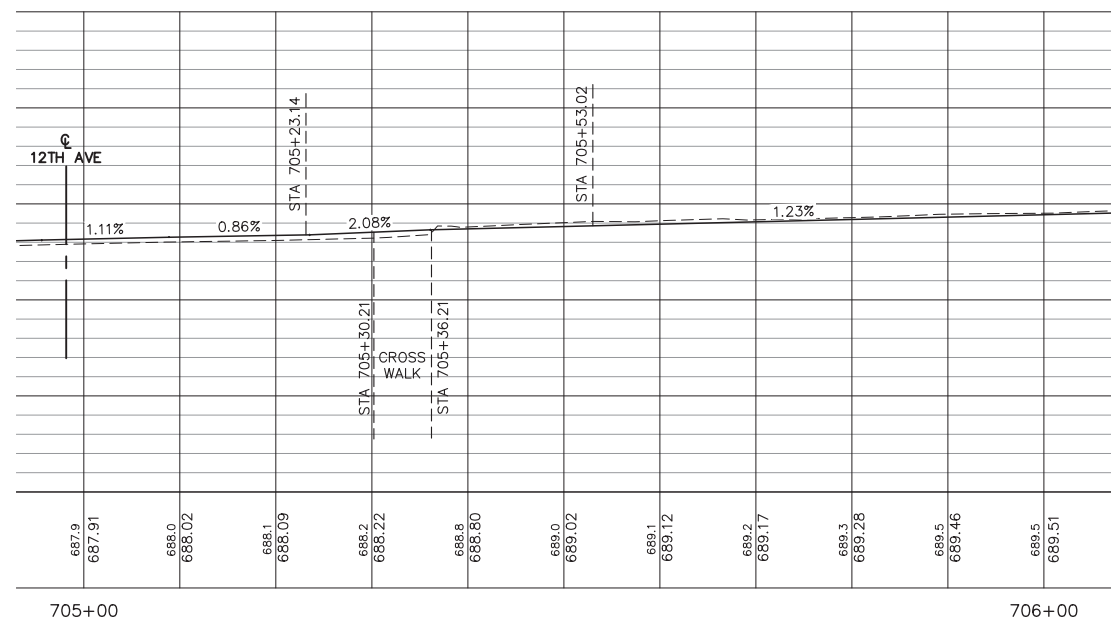
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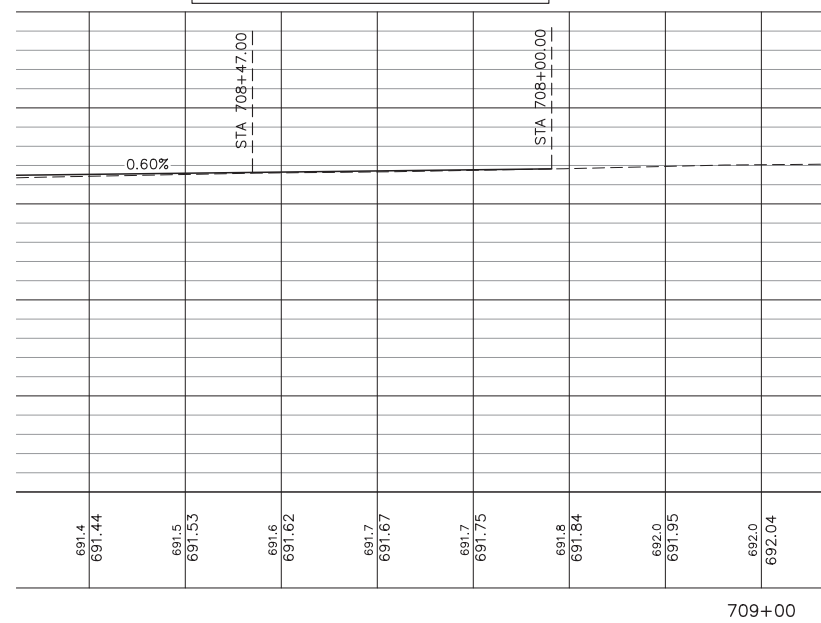
Field Book No:  
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PROFILE VIEW OF 12TH CENTERLINE  
 HORIZONTAL SCALE: 1" = 10'  
 VERTICAL SCALE: 1" = 5'



PROFILE VIEW OF 12TH CENTERLINE  
 HORIZONTAL SCALE: 1" = 10'  
 VERTICAL SCALE: 1" = 5'



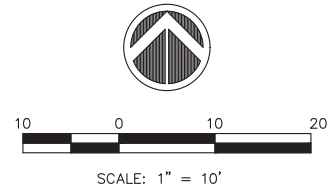
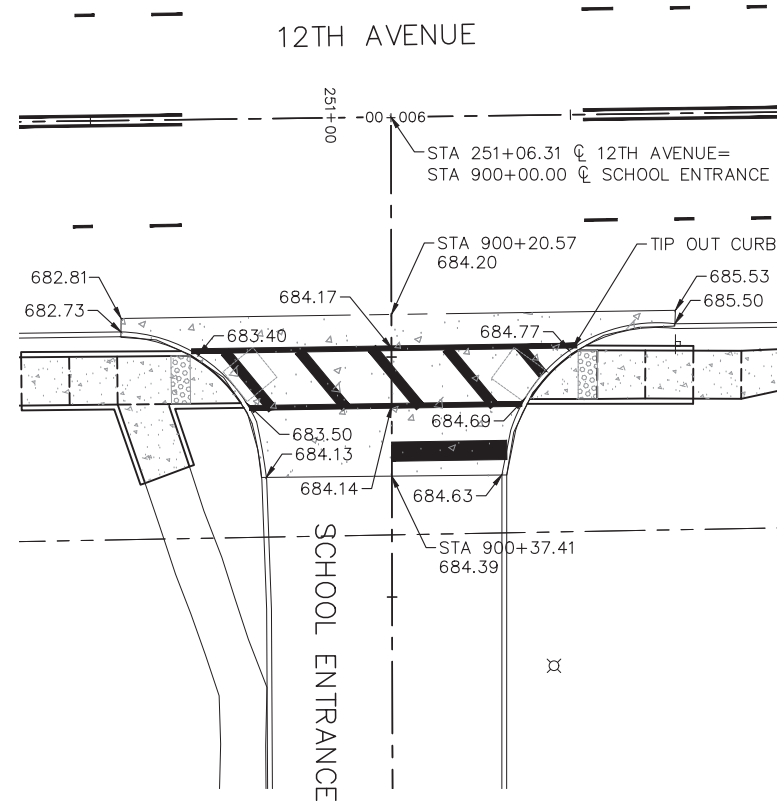
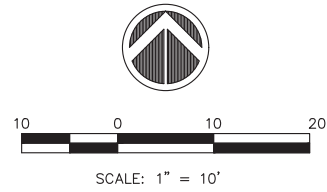
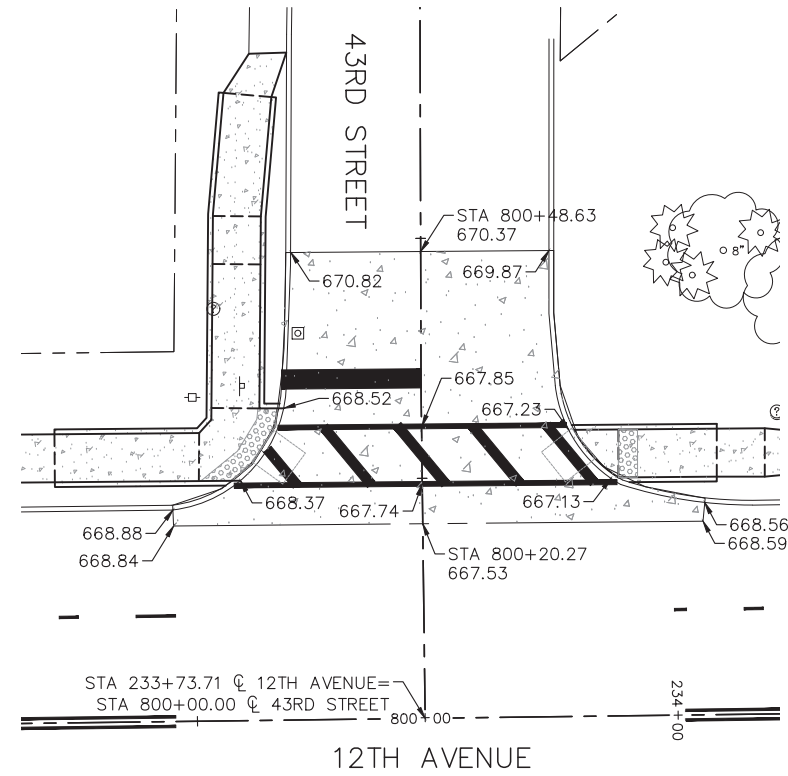
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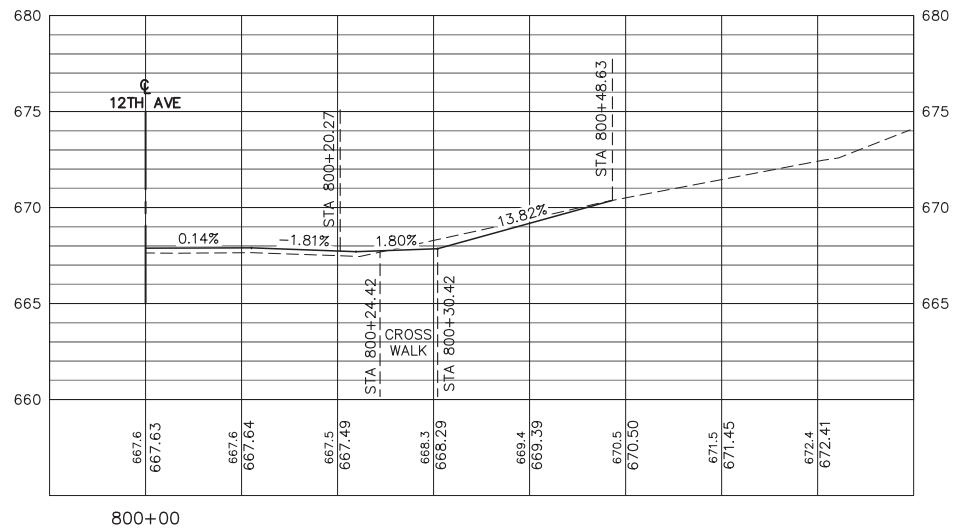
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 PAVEMENT ELEVATIONS (6)

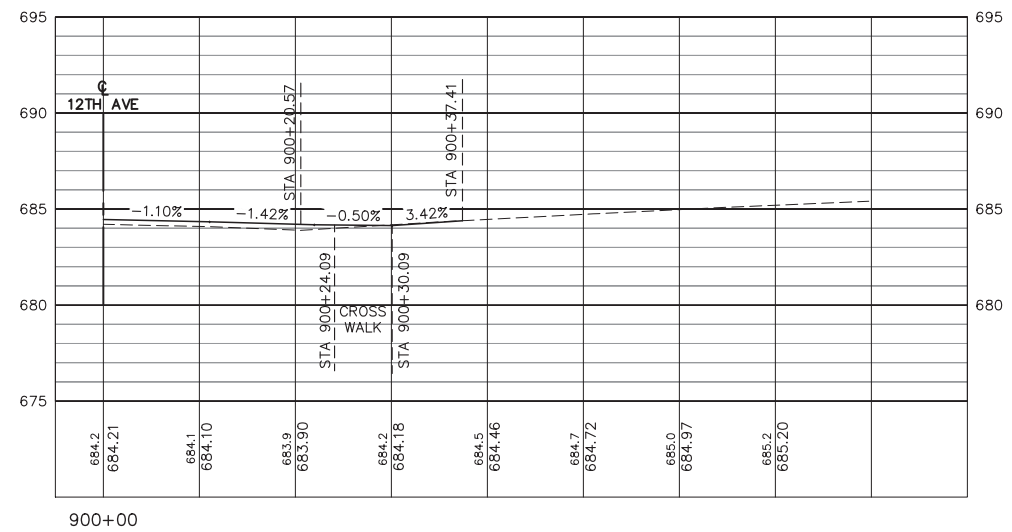
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PROFILE VIEW OF 43RD STREET COURT - CENTERLINE  
 HORIZONTAL SCALE: 1" = 10'  
 VERTICAL SCALE: 1" = 5'



PROFILE VIEW OF SCHOOL ENTRANCE - CENTERLINE  
 HORIZONTAL SCALE: 1" = 10'  
 VERTICAL SCALE: 1" = 5'



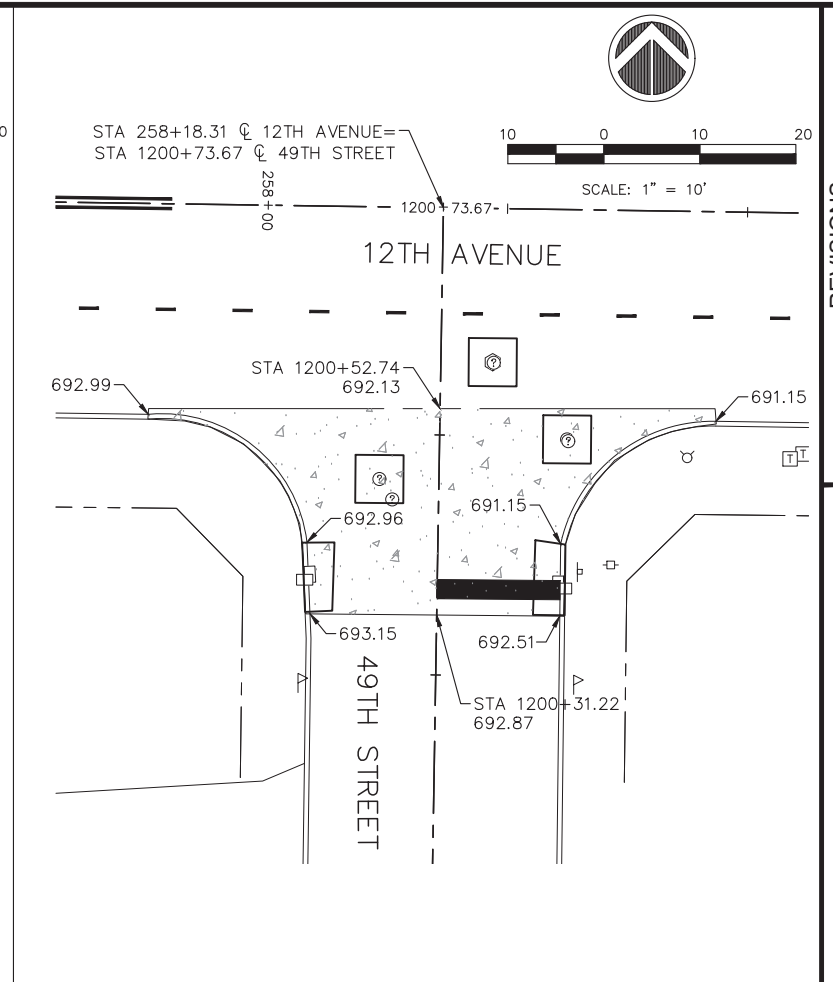
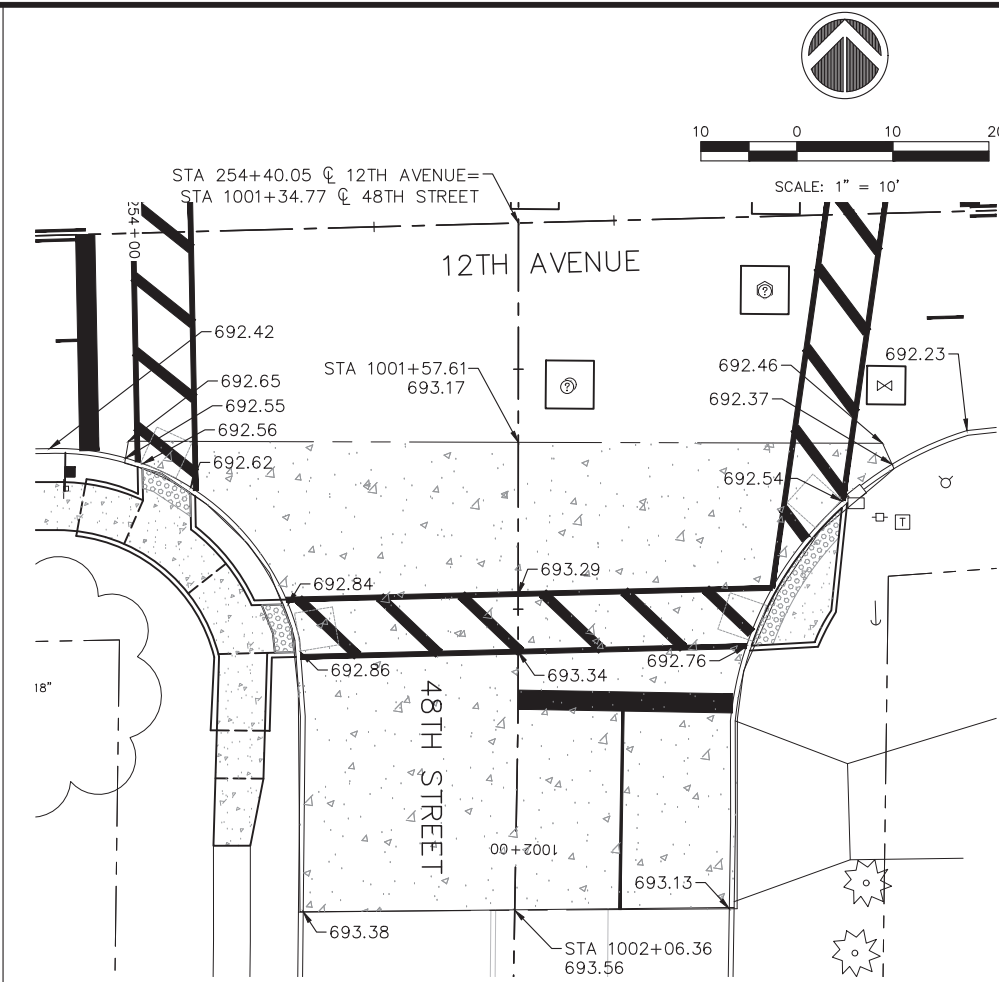
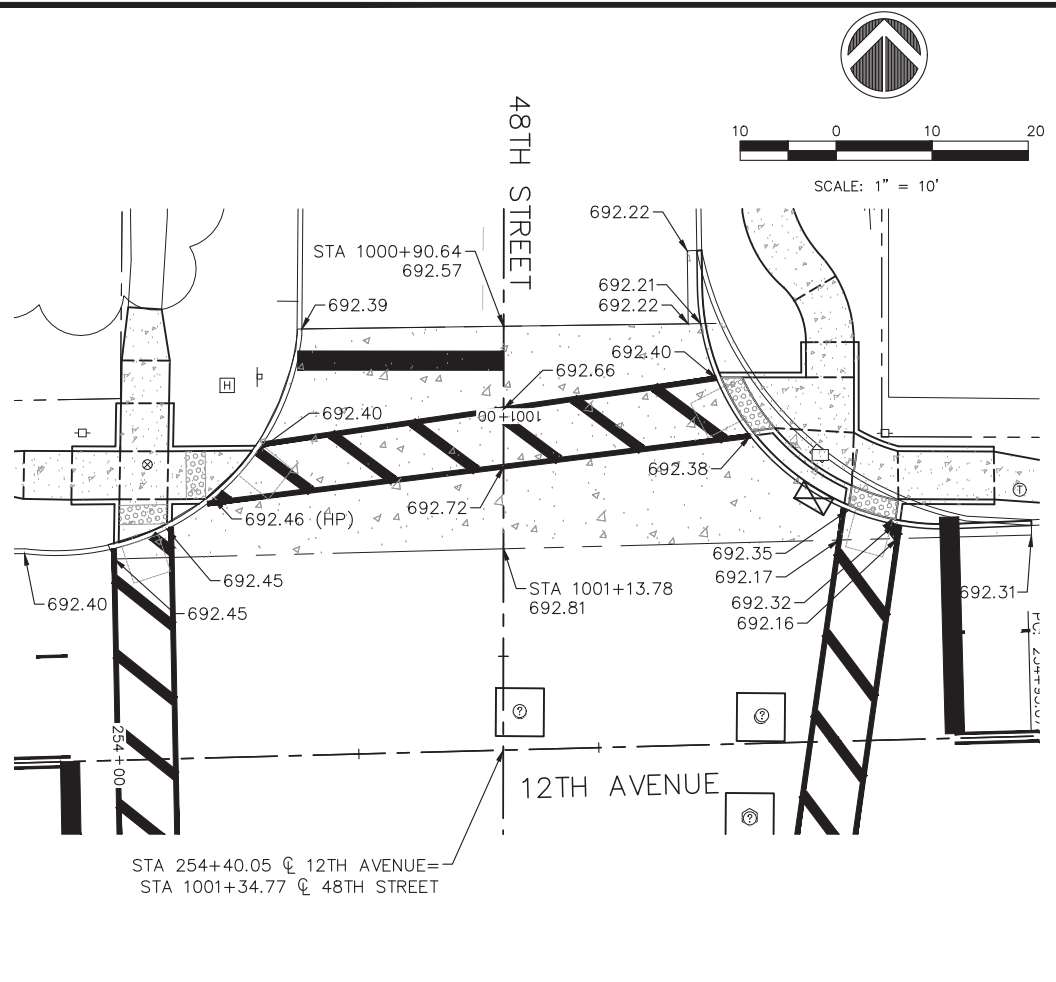
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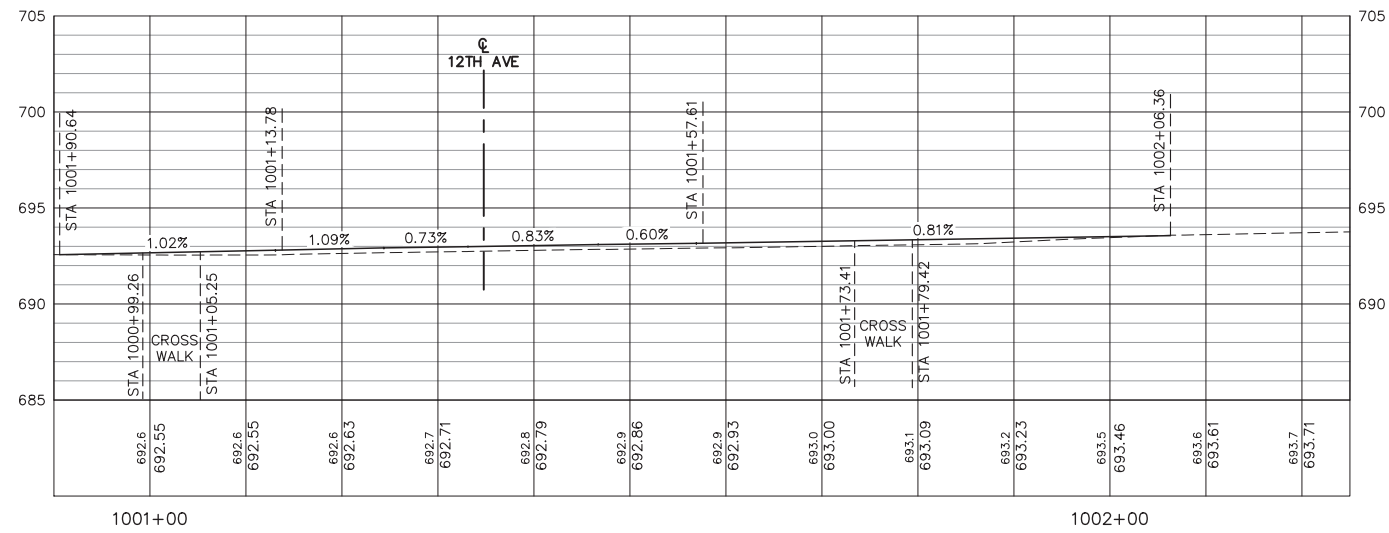
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 12TH AVENUE PCC  
 PAVEMENT ELEVATIONS (7)

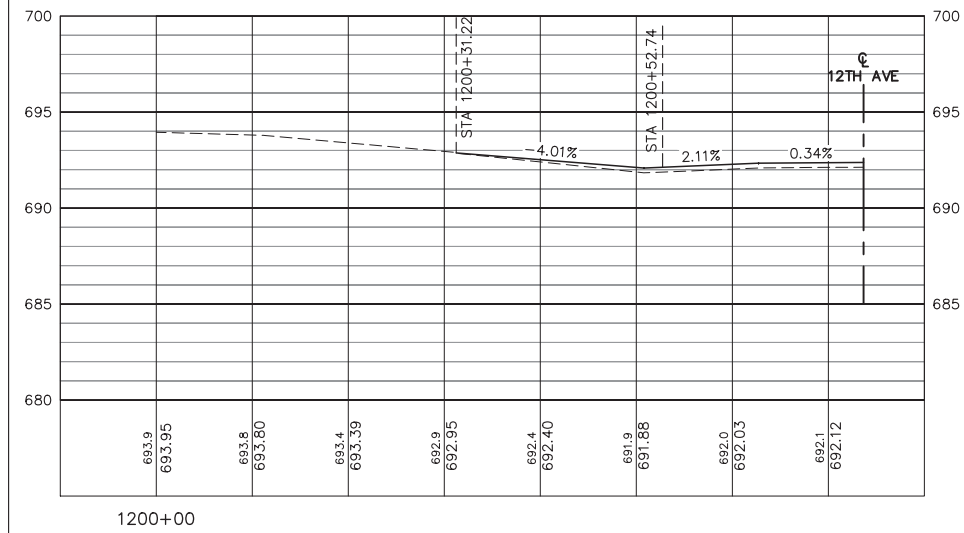
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PROFILE VIEW OF 48TH STREET - CENTERLINE  
 HORIZONTAL SCALE: 1" = 10'  
 VERTICAL SCALE: 1" = 5'



PROFILE VIEW OF 49TH STREET - CENTERLINE  
 HORIZONTAL SCALE: 1" = 10'  
 VERTICAL SCALE: 1" = 5'



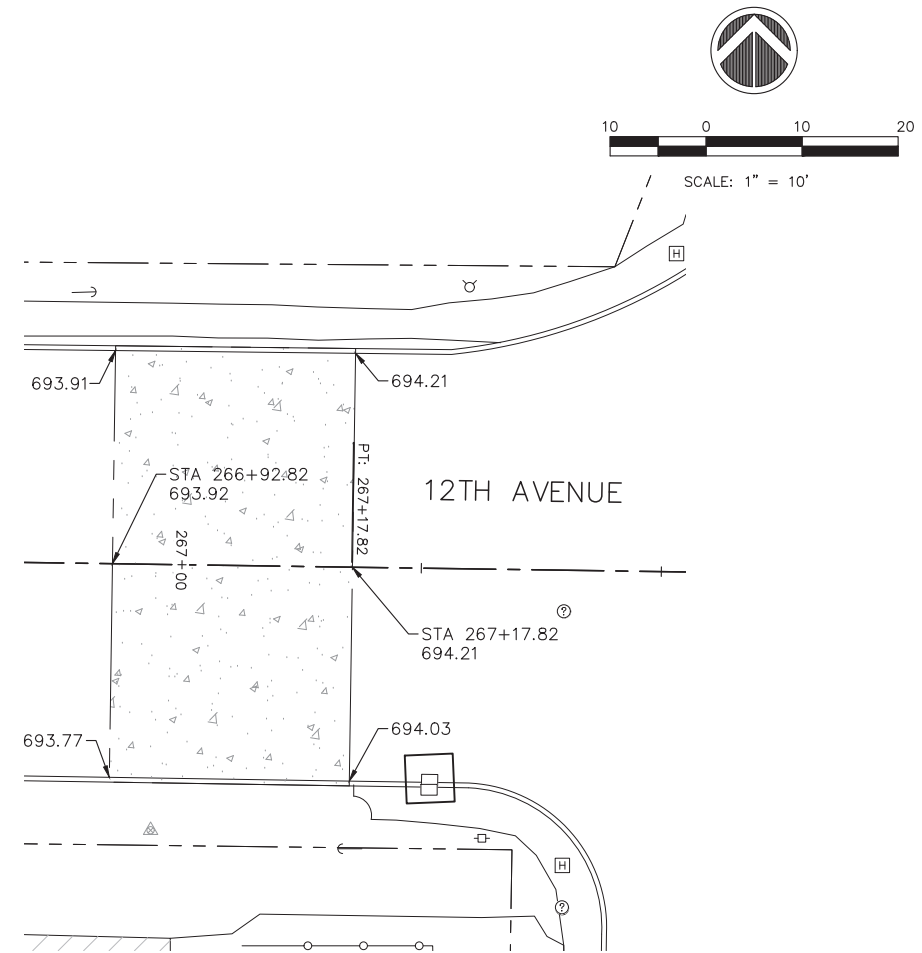
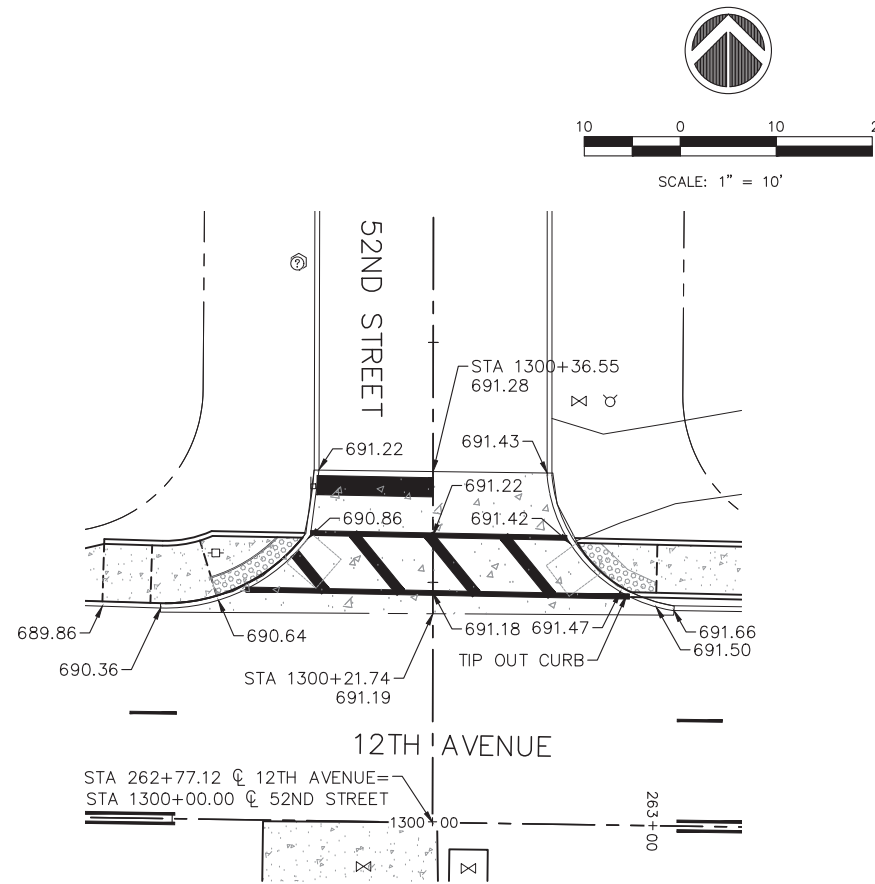
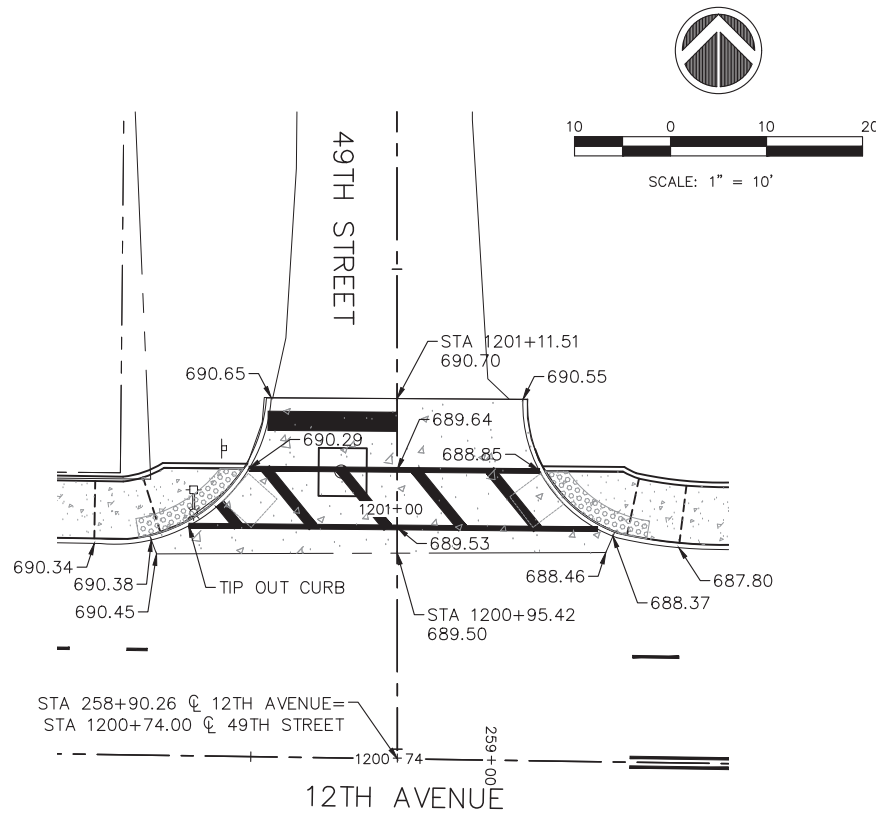
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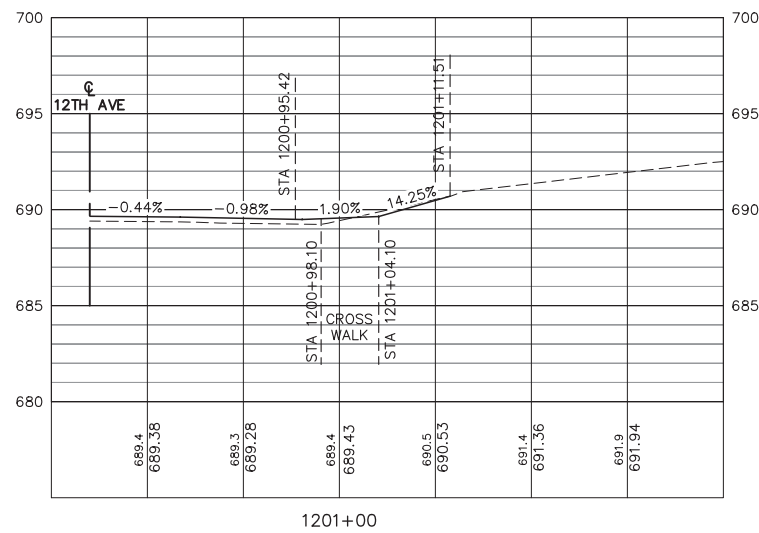
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 PAVEMENT ELEVATIONS (8)

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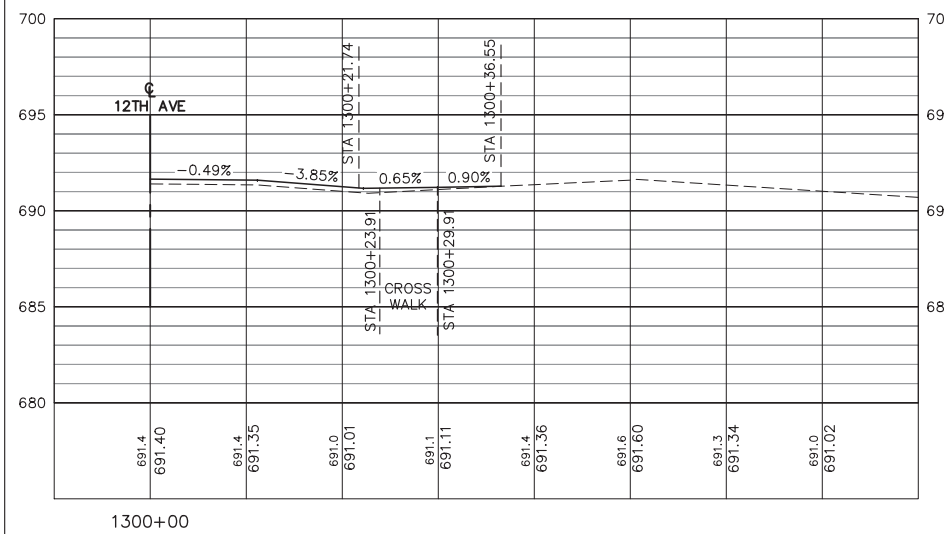




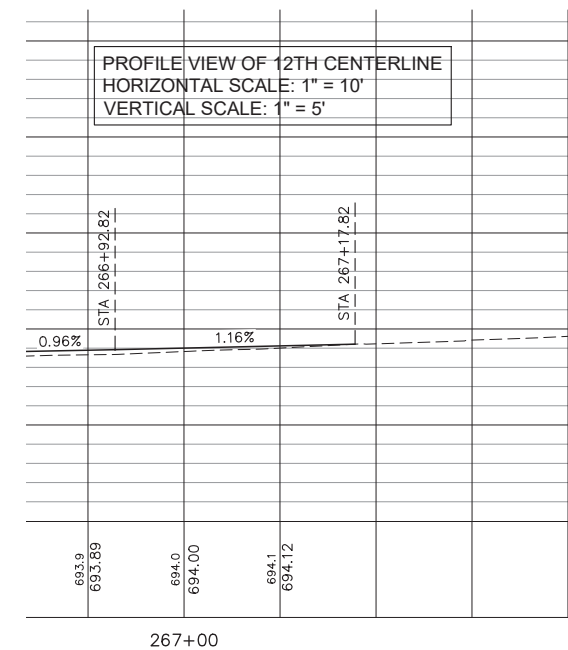
PROFILE VIEW OF 49TH STREET 2 - CENTERLINE  
HORIZONTAL SCALE: 1" = 10'  
VERTICAL SCALE: 1" = 5'



PROFILE VIEW OF 52ND STREET COURT - CENTERLINE  
HORIZONTAL SCALE: 1" = 10'  
VERTICAL SCALE: 1" = 5'



PROFILE VIEW OF 12TH CENTERLINE  
HORIZONTAL SCALE: 1" = 10'  
VERTICAL SCALE: 1" = 5'



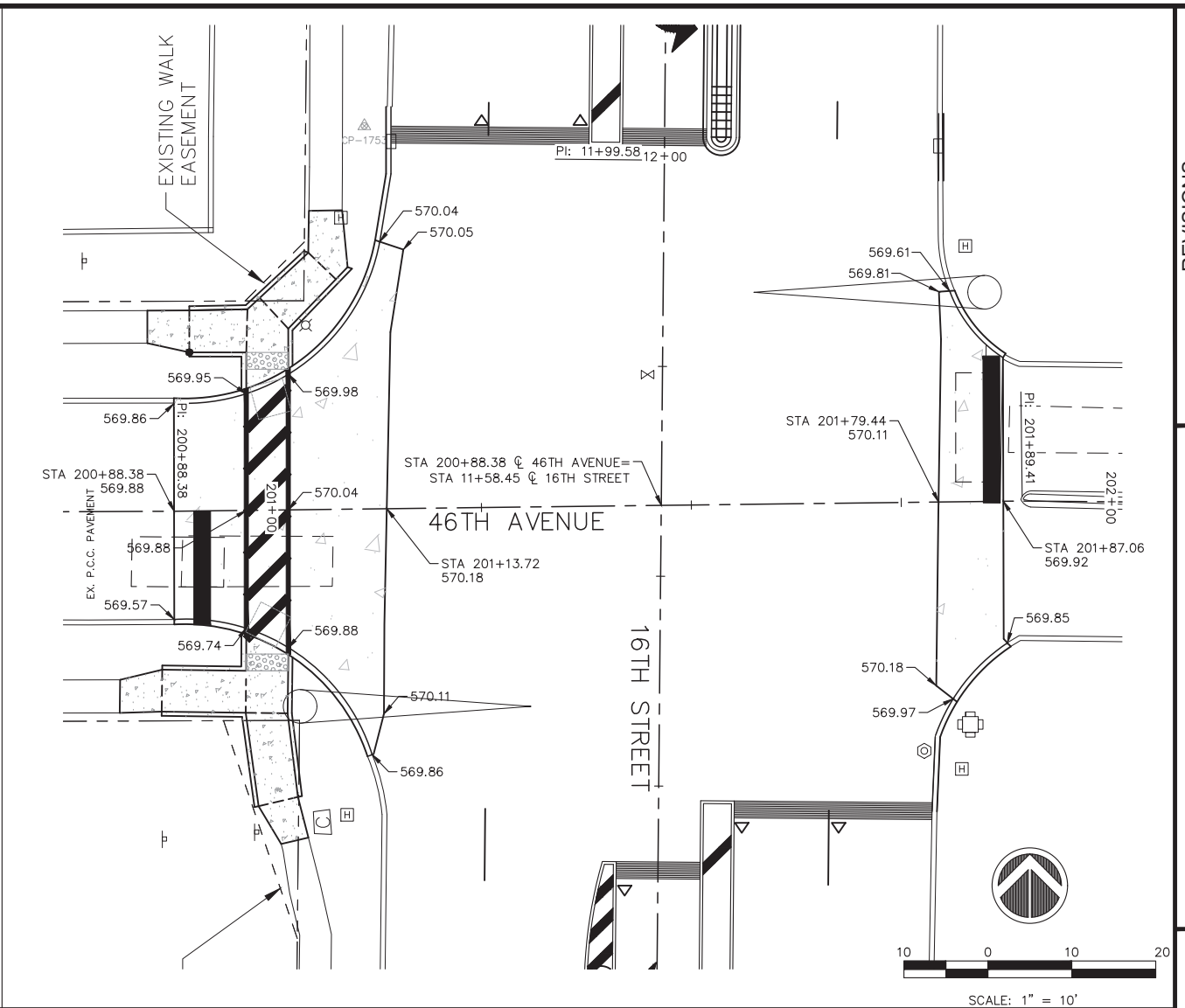
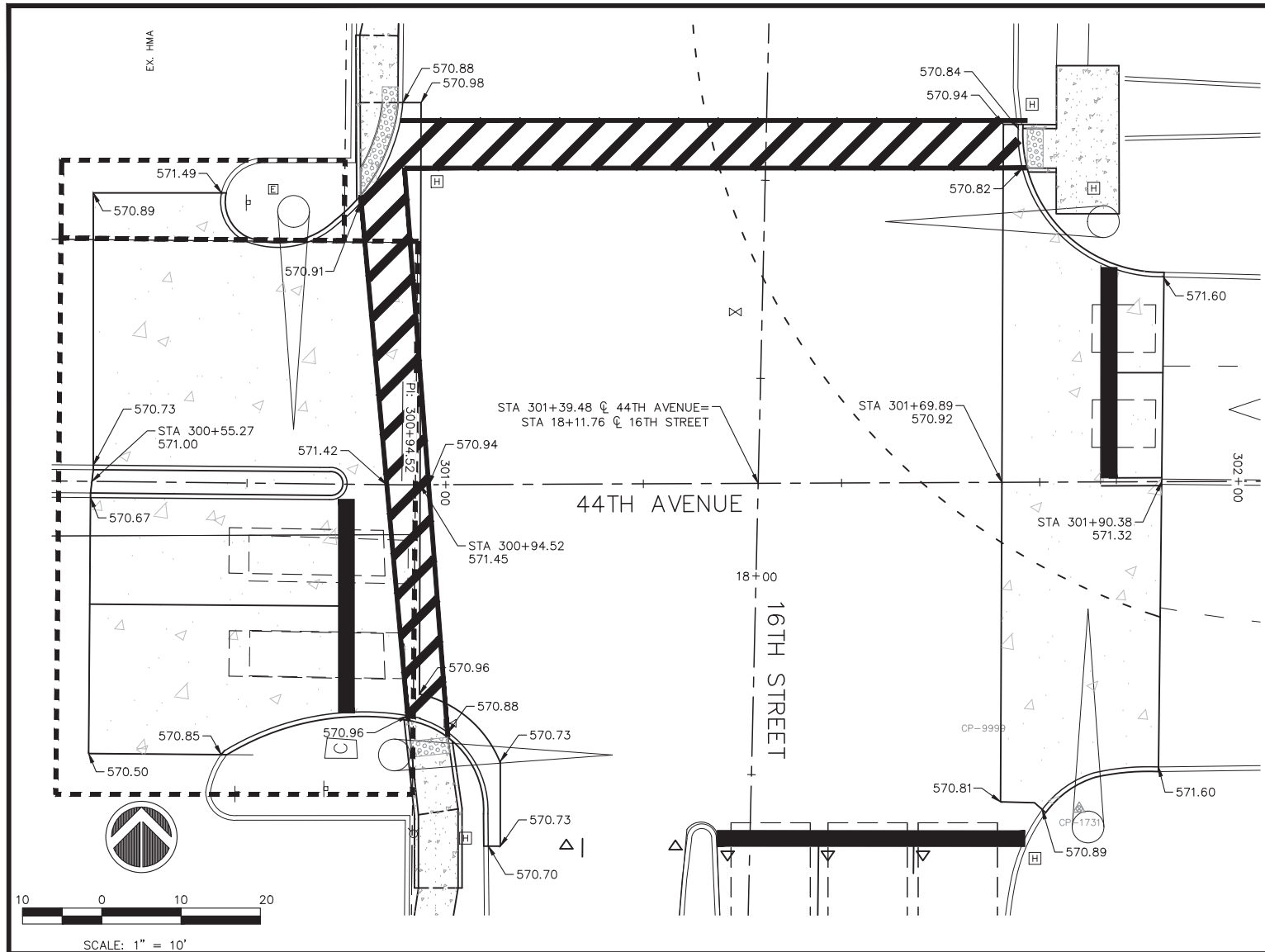
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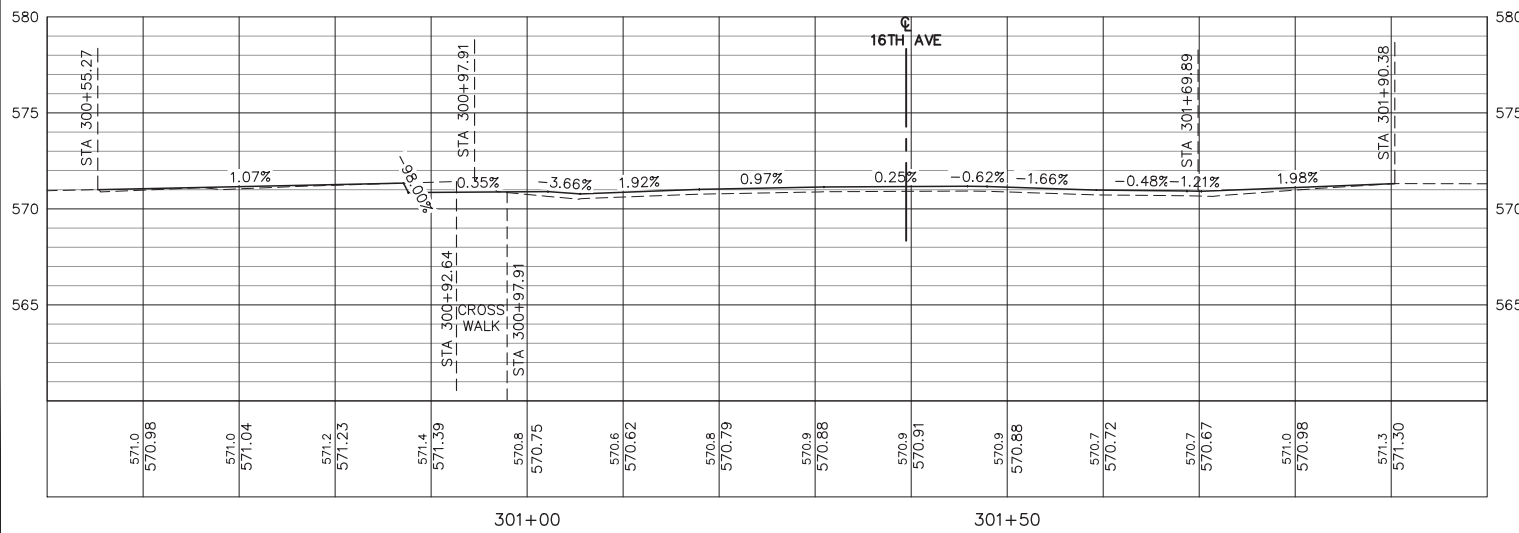
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12TH AVENUE PCC  
PAVEMENT ELEVATIONS (9)

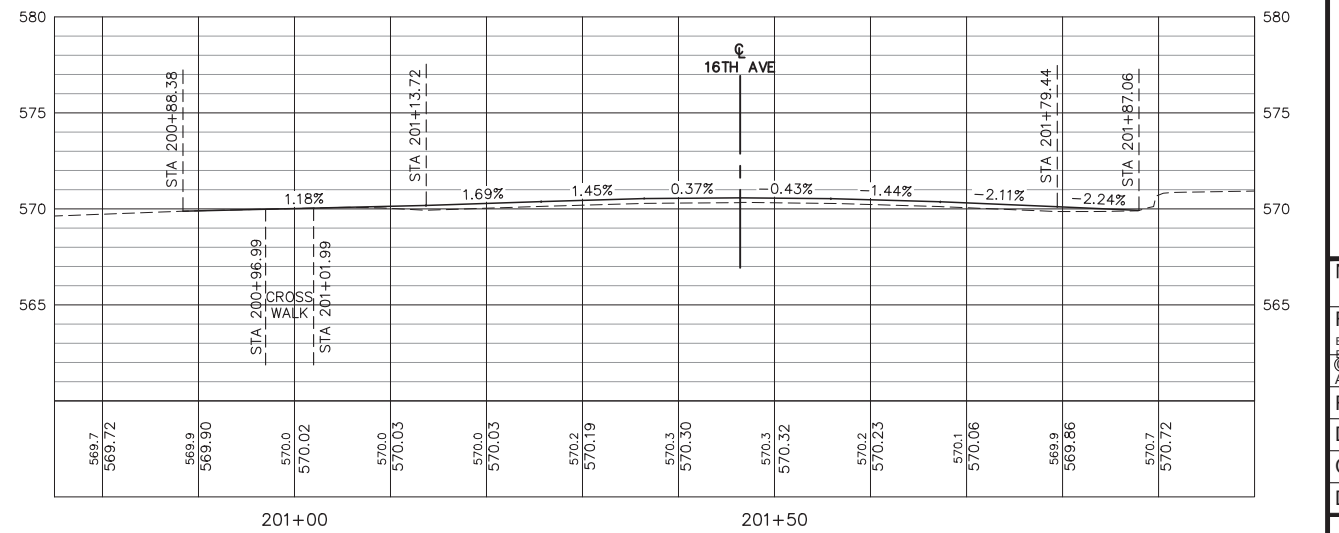
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PROFILE VIEW OF 44TH AVENUE CENTERLINE  
 HORIZONTAL SCALE: 1" = 10'  
 VERTICAL SCALE: 1" = 5'



PROFILE VIEW OF 46TH AVENUE CENTERLINE  
 HORIZONTAL SCALE: 1" = 10'  
 VERTICAL SCALE: 1" = 5'



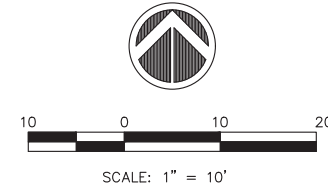
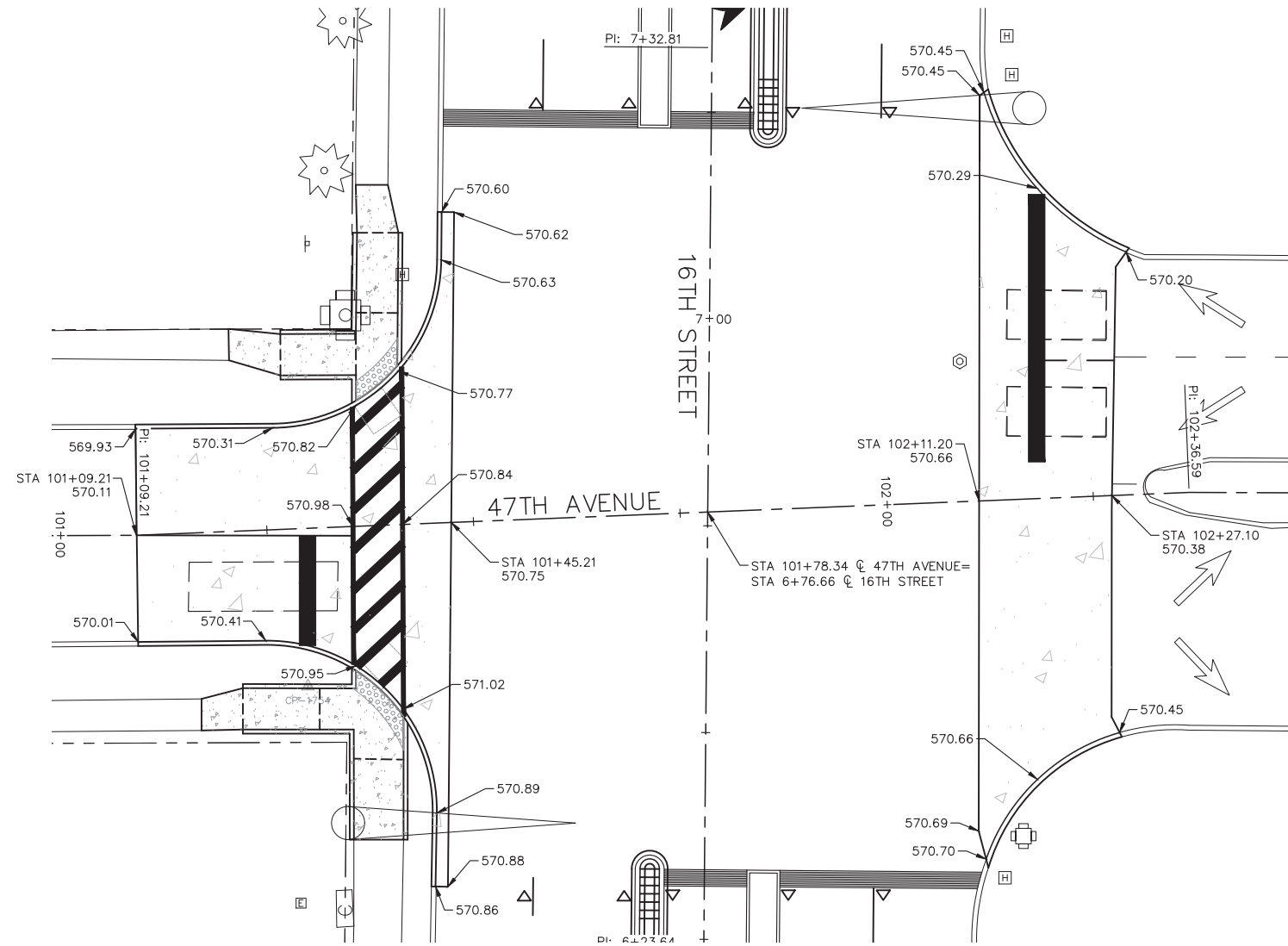
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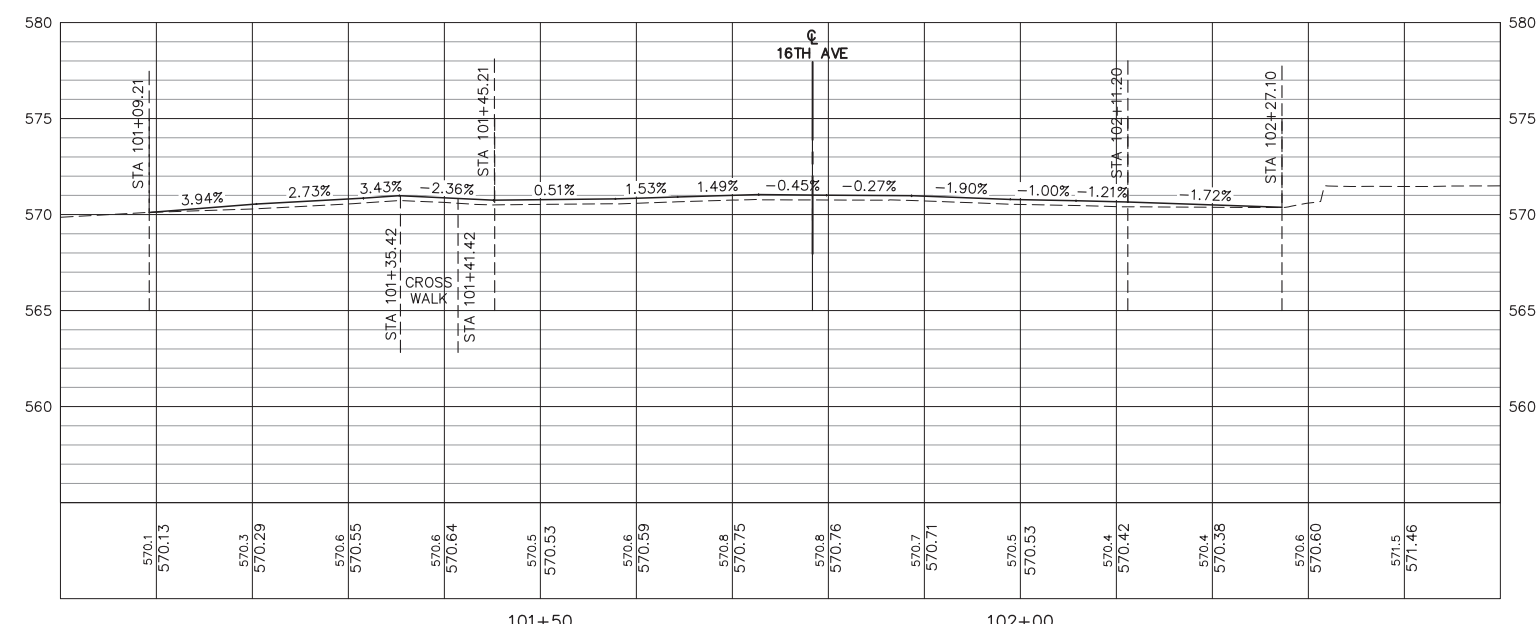
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PROFILE VIEW OF 47TH AVENUE CENTERLINE  
 HORIZONTAL SCALE: 1" = 10'  
 VERTICAL SCALE: 1" = 5'



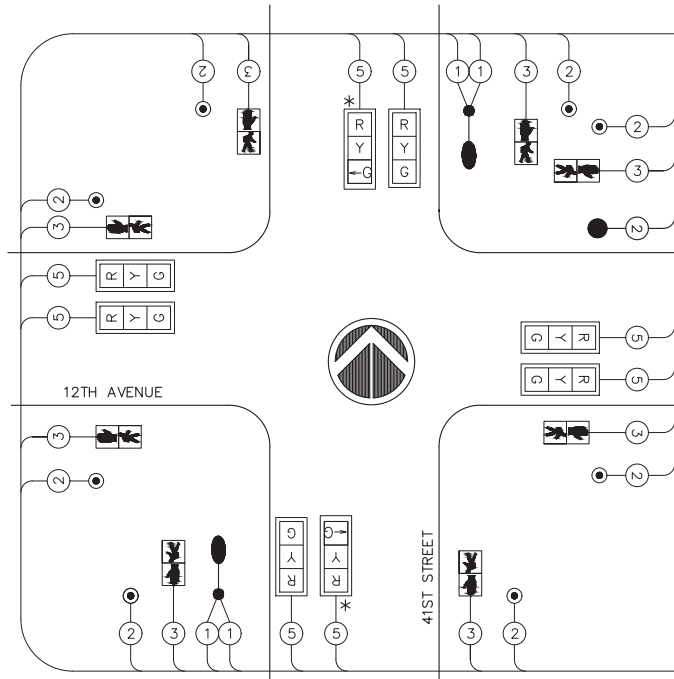
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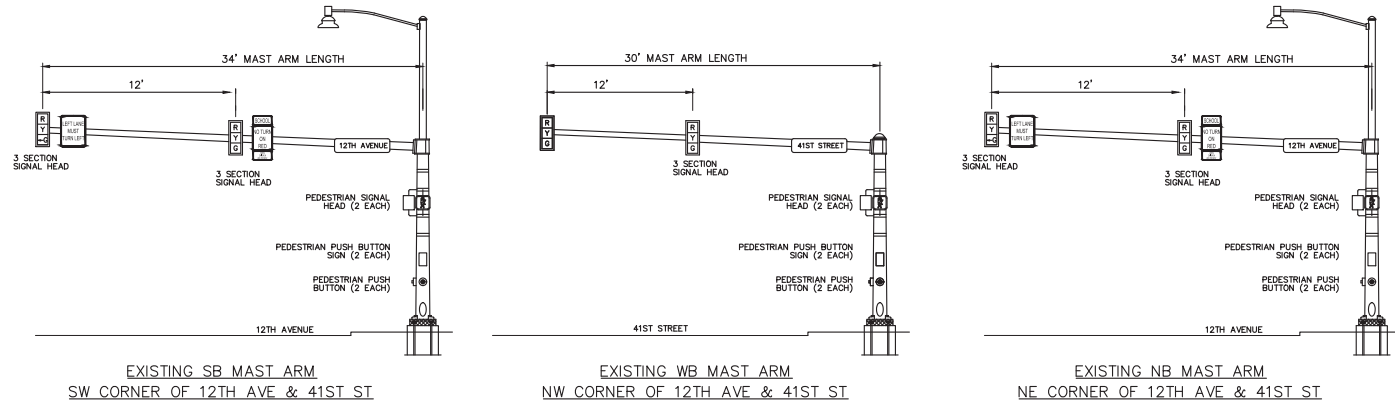
2018 MOLINE RESURFACING  
 MOLINE, ILLINOIS  
 16TH STREET PCC PAVEMENT  
 ELEVATIONS (2)

Missman Project No:  
 B16M001A  
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 B16M001-16TH-PCC HEADER  
 ELEVATIONS.dwg  
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**CABLE PLAN LEGEND**

- ② INDICATES NUMBER OF CONTROLLERS. ALL CABLE IS NO. 14 EXCEPT AS INDICATED
- EX SIGNAL HEAD WITH OR WITHOUT BACKPLATE.
- EX LUMINAIRES
- EX PEDESTRIAN SIGNAL HEAD
- EX PEDESTRIAN PUSH BUTTON
- CONTROLLER CABINET
- EX SERVICE INSTALLATION
- PEDESTRIAN PUSH BUTTON POST
- \* MODIFICATIONS TO EXISTING VEHICLE SIGNAL HEADS TO BE DONE BY OTHERS

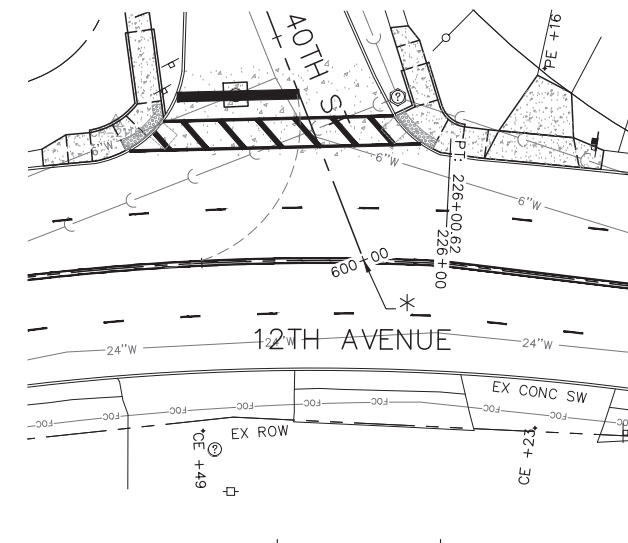


**EXISTING MAST ARM DETAILS**

NO SCALE

**CABLE PLAN**

NO SCALE

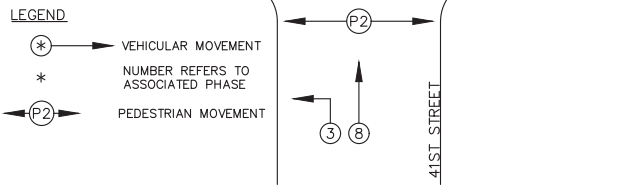


**GENERAL NOTES**

1. ALL SIGNING, STRIPING, TRAFFIC SIGNALS AND TRAFFIC CONTROL DEVICES DURING CONSTRUCTION SHALL CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (M.U.T.C.D.) CURRENT EDITION.
2. ALL NEW CONSTRUCTION SHALL CONFORM TO THE SPECIFICATIONS OF THE CITY OF MOLINE AND THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION", ADOPTED APRIL 1, 2016.
3. THE LOCATIONS FOR THE CABINET AND PEDESTRIAN PUSH BUTTON POST ARE PROVIDED FOR REFERENCE ONLY. THE LOCATION SHALL BE VERIFIED WITH IDOT'S TRAFFIC OPERATIONS MANAGER AND THE CITY OF MOLINE PRIOR TO INSTALLATION.
4. 12TH AVENUE STATIONING UTILIZED FOR CALLOUTS.
5. ALL PUSH BUTTONS SHOULD BE DIRECTLY ADJACENT TO THE SIDEWALK.
6. THE CITY OF MOLINE WILL MAINTAIN THEIR EXISTING SIGNALS DURING CONSTRUCTION. THE EXISTING TRAFFIC SIGNAL SYSTEM MUST REMAIN IN OPERATION DURING THE INSTALLATION OF THE PROPOSED WIRELESS VEHICLE DETECTION SYSTEM.

**PHASE DESIGNATION DIAGRAM**

NO SCALE



REFER TO IDOT STANDARD 857001

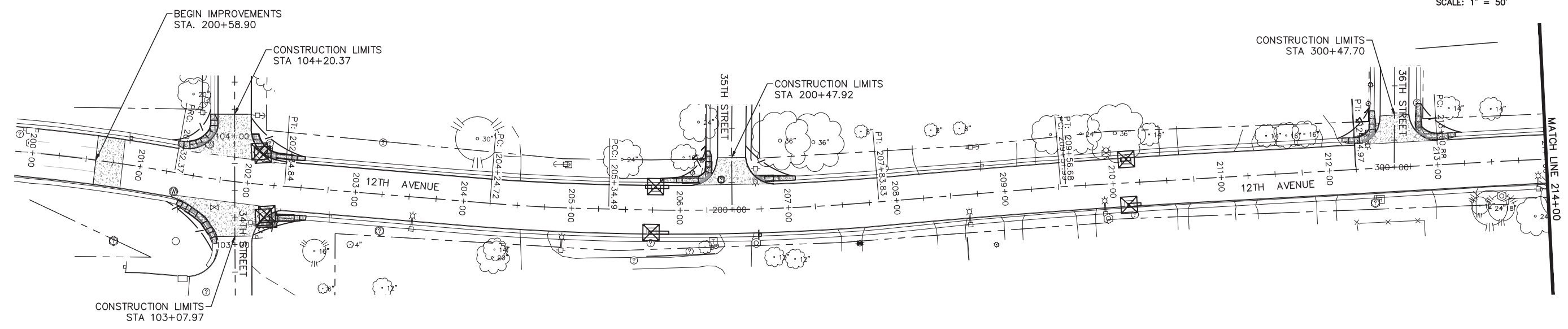
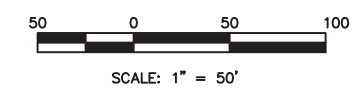
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MOLINE, ILLINOIS  
**12TH AVENUE & 41ST STREET**  
**TRAFFIC SIGNAL DETAILS**

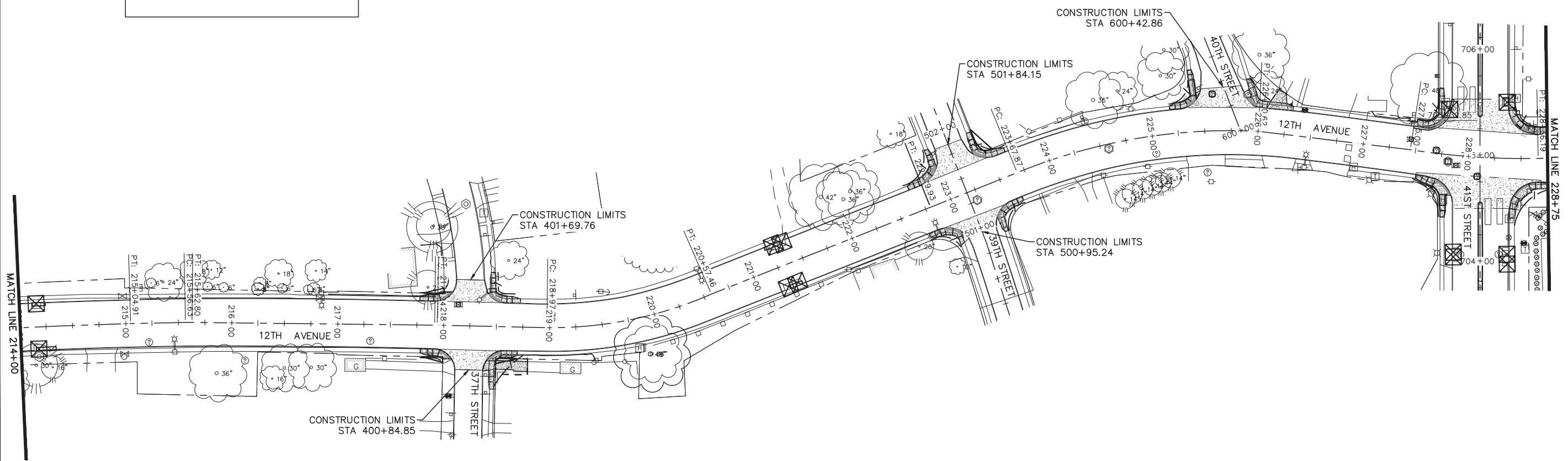
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**LEGEND**

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER



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MOLINE, ILLINOIS

**12TH AVENUE EROSION CONTROL**

Missman Project No: B16M001A

File Name: B16M001-12TH-EROSION.dwg

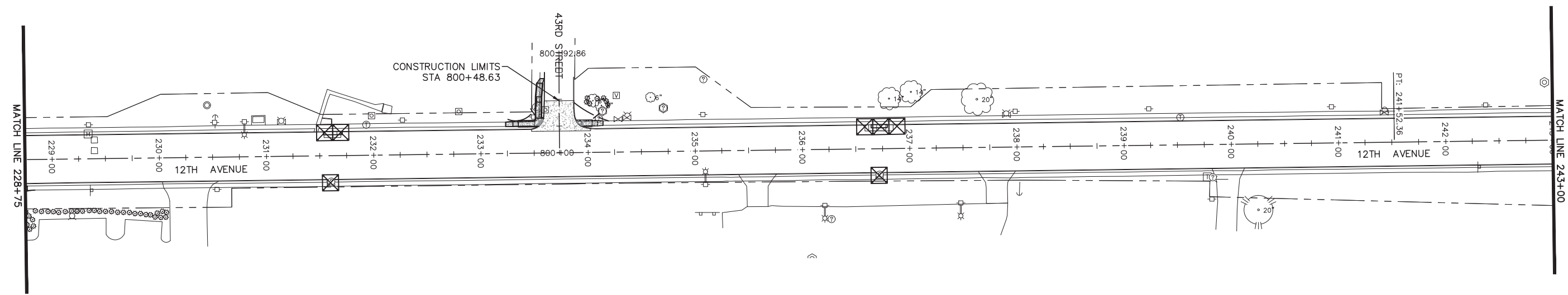
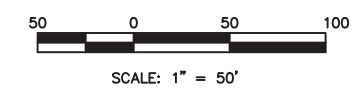
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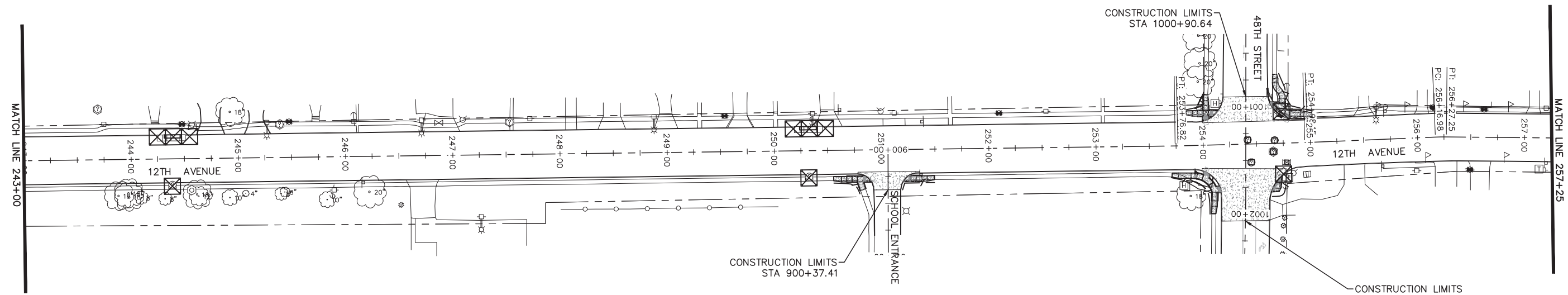
Date: 01/17/2018



**LEGEND**

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER



NO.	REVISIONS DESCRIPTION	DATE

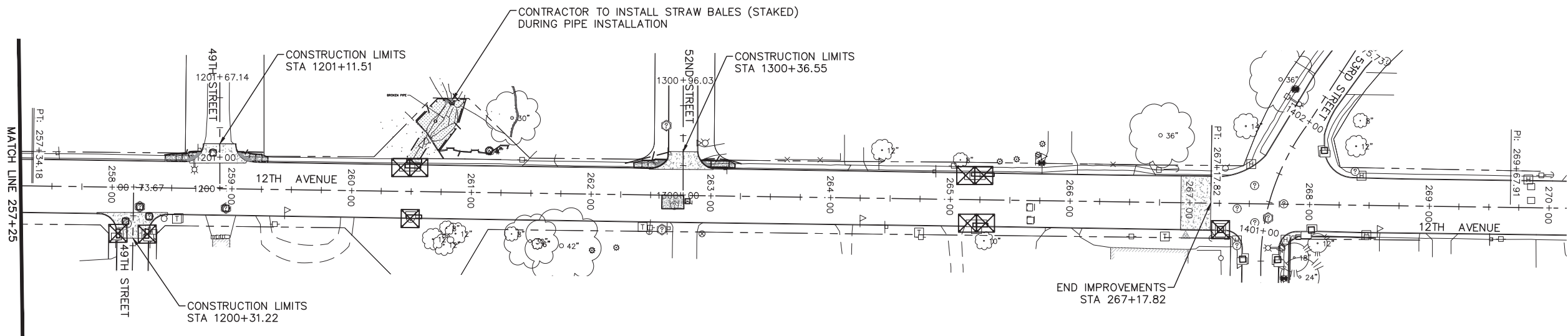
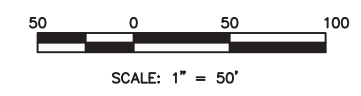
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MOLINE 'ENLINE  
**12TH AVENUE EROSION CONTROL**  
(2)

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 File Name: B16M001-12TH-EROSION.dwg  
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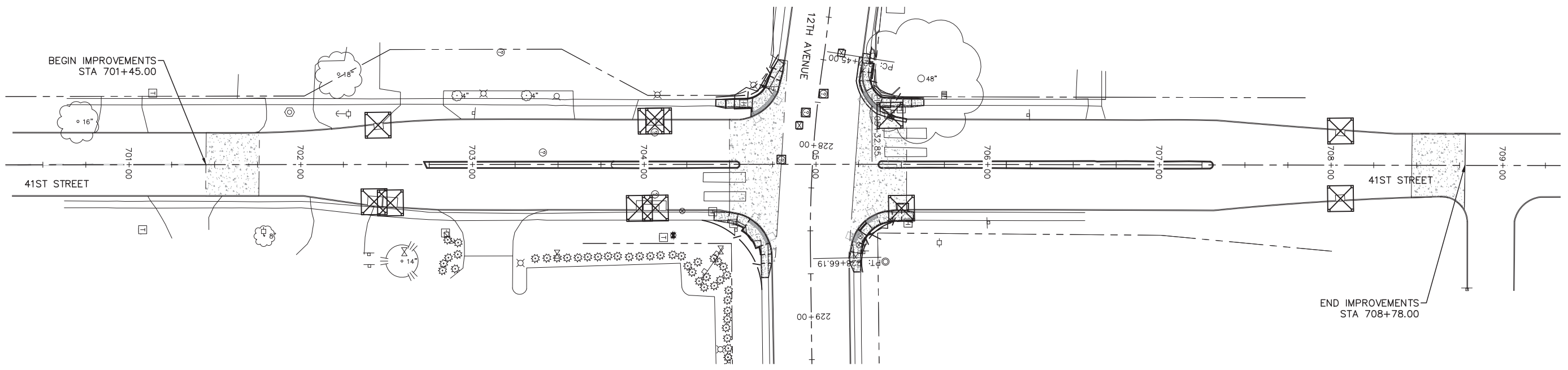
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**LEGEND**

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER



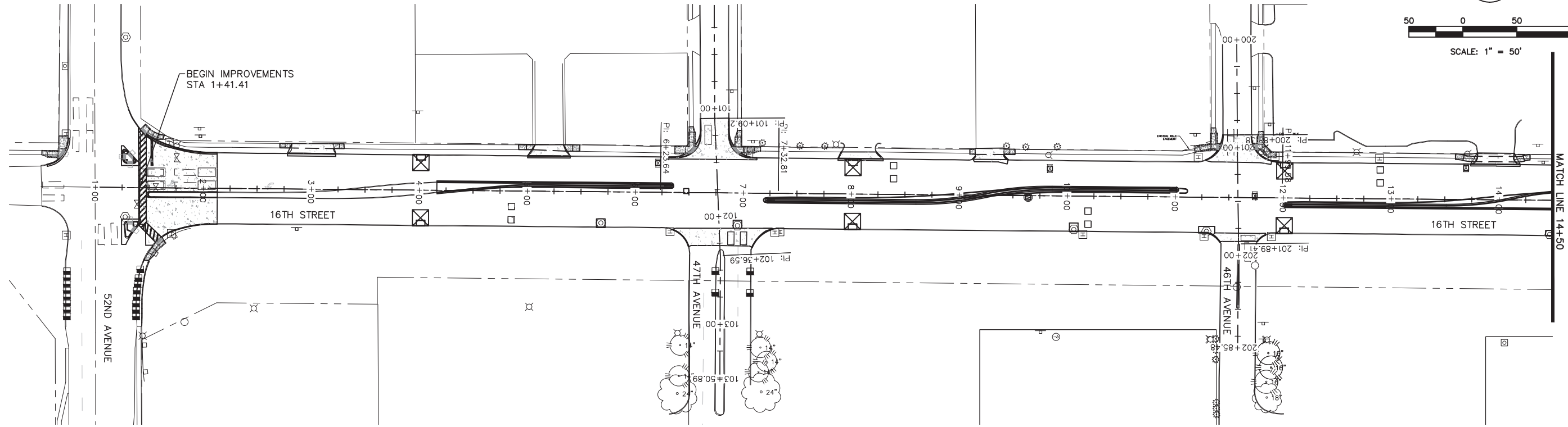
REVISIONS	DATE
No.	DESCRIPTION

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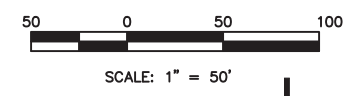
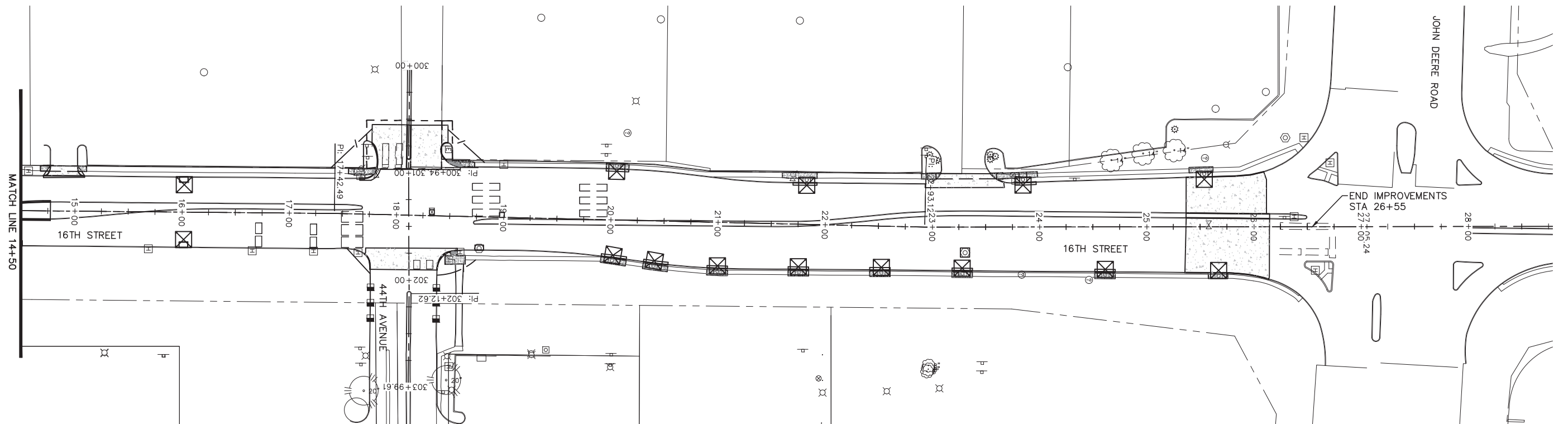
2018 MOLINE RESURFACING  
MOLINE, ILLINOIS  
12TH AVENUE EROSION CONTROL (3)

Missman Project No: B16M001A  
File Name: B16M001-12TH-EROSION.dwg  
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**LEGEND**

- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER



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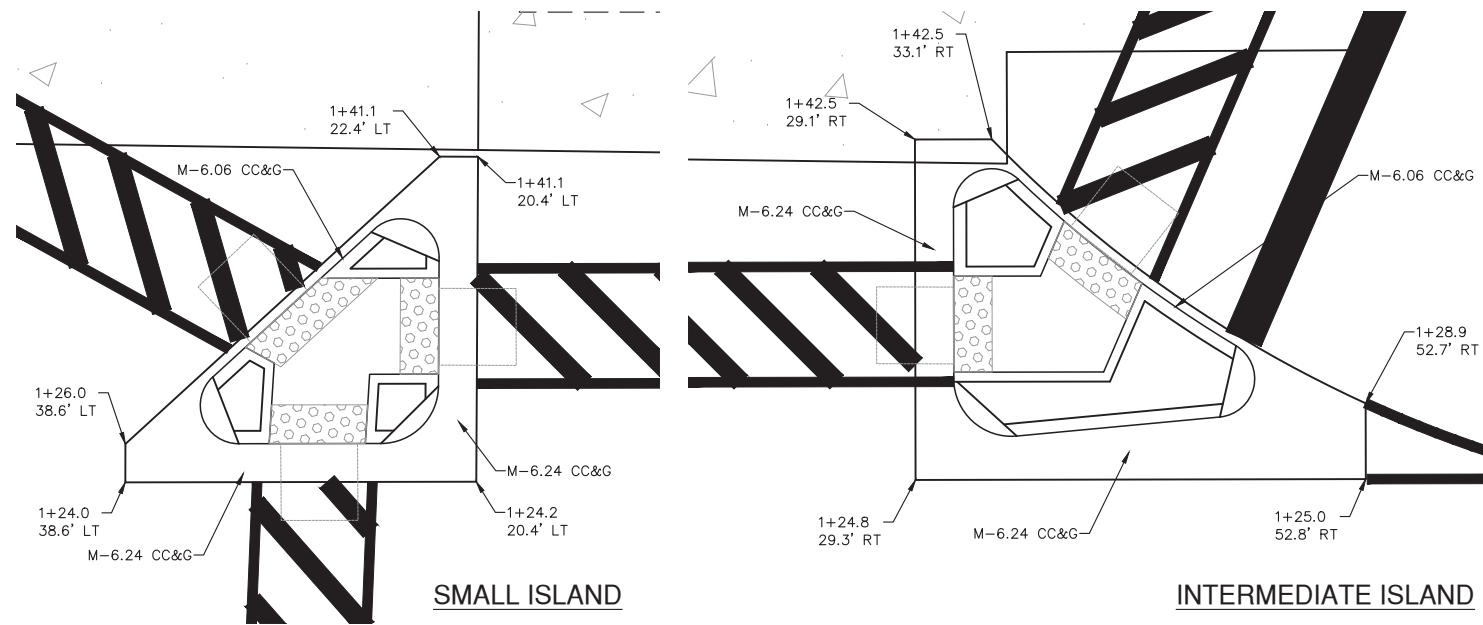
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MOLINE, ILLINOIS

**16TH STREET EROSION CONTROL**

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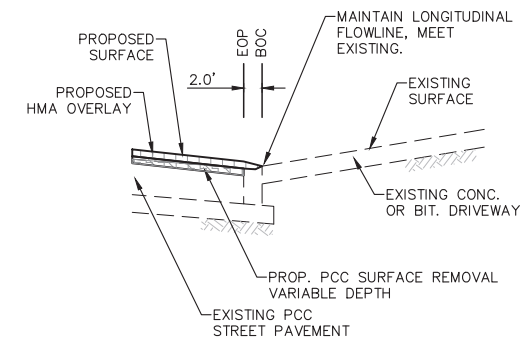


**CONCRETE MEDIAN, (SPECIAL)**

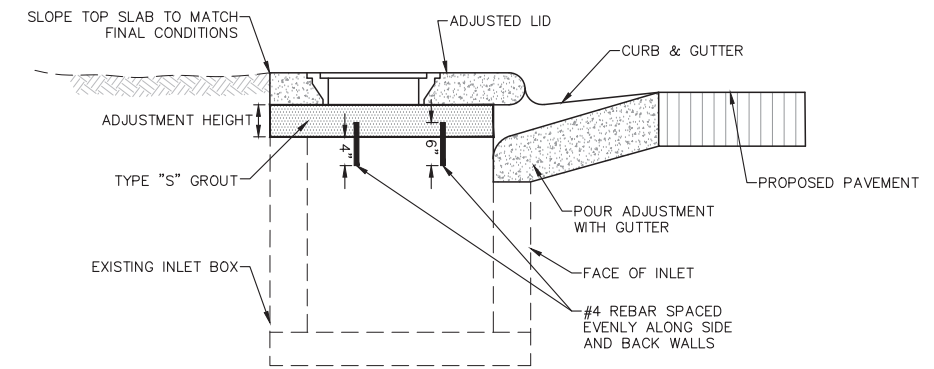


**NW Corner of 16th & 52nd Avenue**  
Scale 1" = 5'

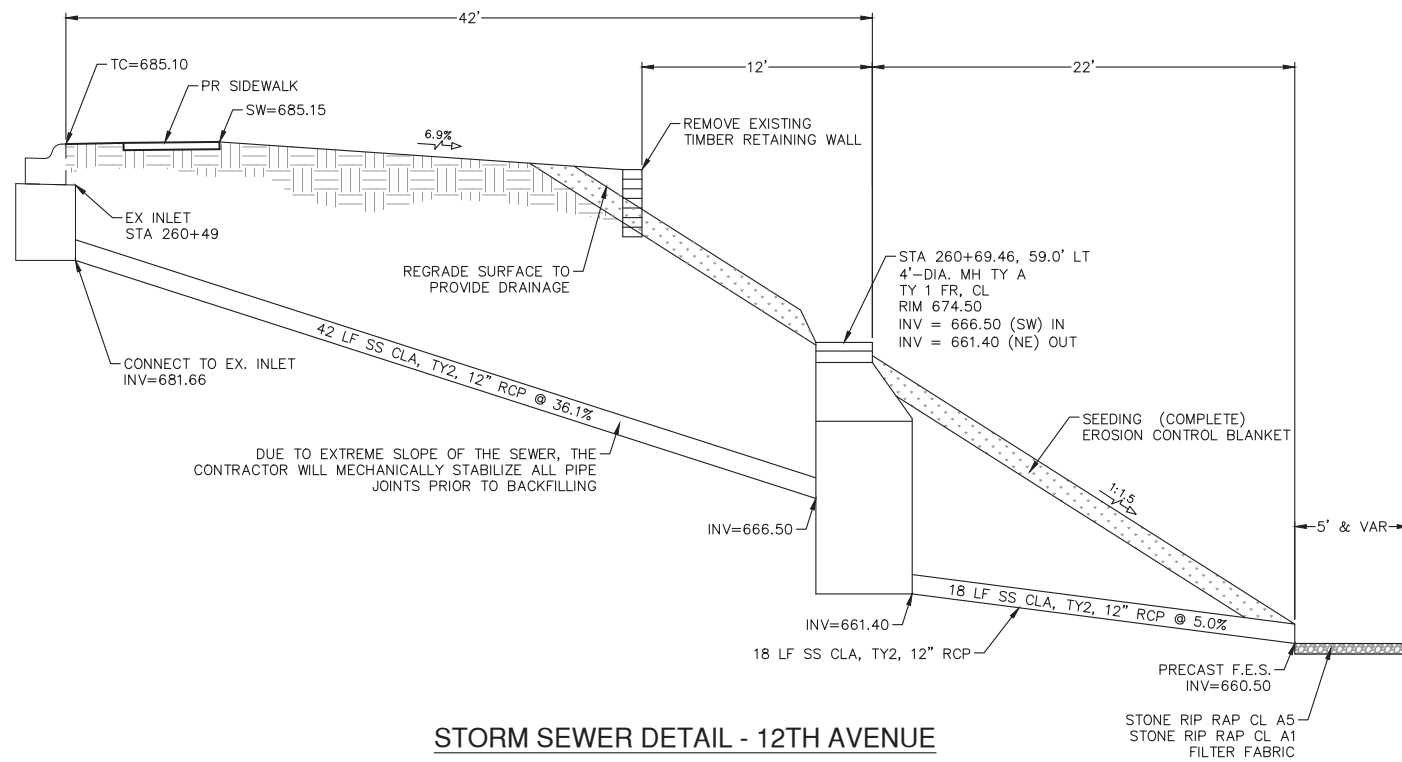
**NE Corner of 16th & 52nd Avenue**  
Scale 1" = 5'



**DRIVEWAY TIE-IN TYPICAL DETAIL**



**INLET TO BE ADJUSTED (SPECIAL) - POURED OPTION DETAIL**



**STORM SEWER DETAIL - 12TH AVENUE**  
STA 260+49

SCALE 1"=5'

REVISIONS	DATE
No.	
DESCRIPTION	

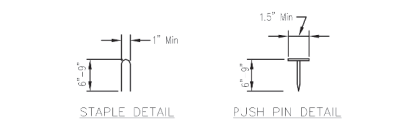
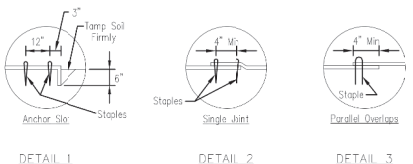
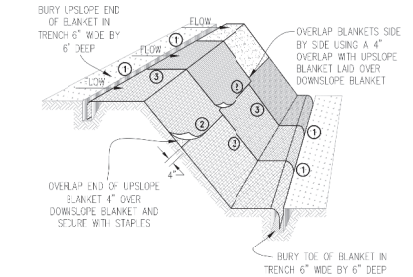
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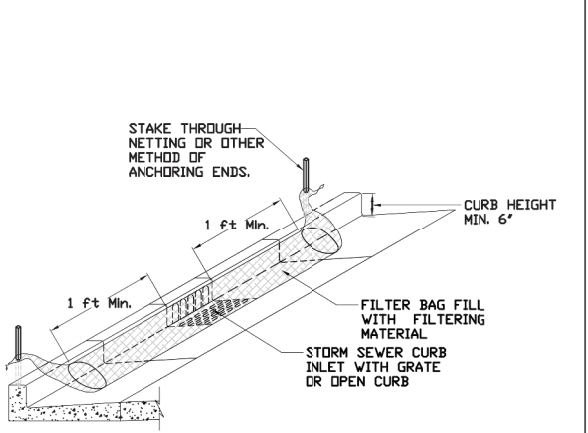
AUTOCAD2006



- NOTES:
1. Staples shall be placed in a diamond pattern at 2' per s.y. for stitched blankets. Non-stitched shall use 4 staples per s.y. of material. This equates to 200 staples with stitched blanket and 400 staples with non-stitched blanket per 100 s.y. of material.
  2. Staple or push pin lengths shall be selected based on soil type and conditions. (minimum staple length is 6")
  3. Erosion control material shall be placed in contact with the soil over a prepared seedbed.
  4. All anchor slots shall be stapled at approximately 2' intervals.

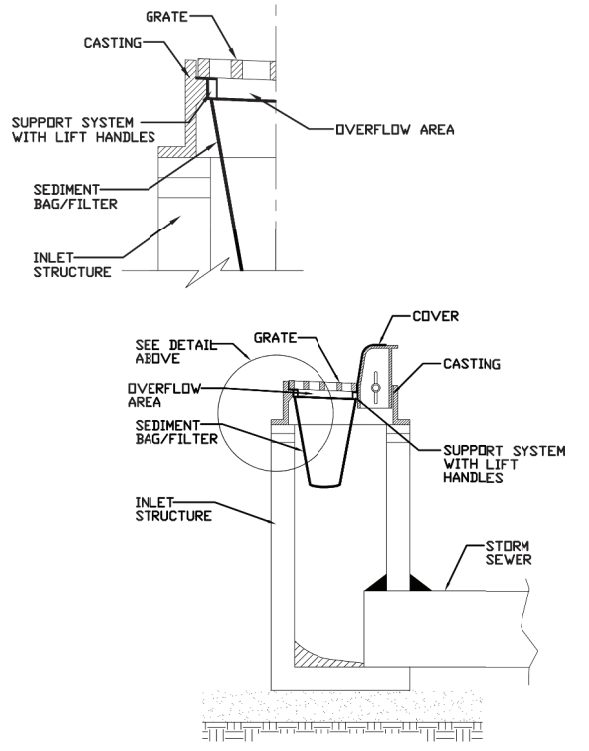
EROSION CONTROL  
BLANKET INSTALLATION DETAILS

INLET PROTECTION - PAVED AREAS  
CURB PROTECTION



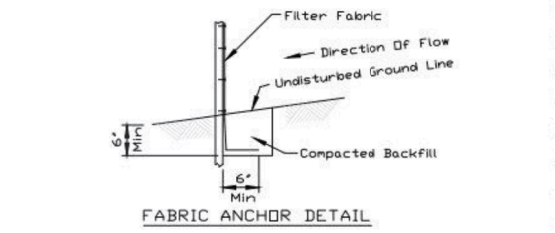
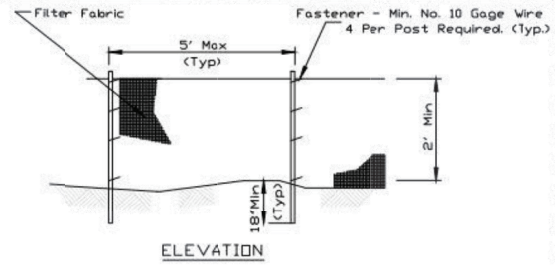
STANDARD DWG. NO.  
**IUM-561C**  
SHEET 1 OF 1  
DATE 01-11-11

INLET PROTECTION - PAVED AREAS  
DROP-IN PROTECTION



STANDARD DWG. NO.  
**IUM-561D**  
SHEET 1 OF 1  
DATE 01-11-11

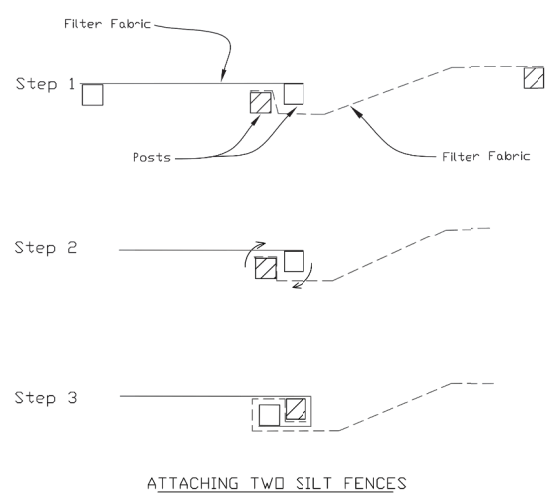
SILT FENCE PLAN



- NOTES:
1. Temporary sediment fence shall be installed prior to any grading work in the area to be protected. They shall be maintained throughout the construction period and removed in conjunction with the final grading and site stabilization.
  2. Filter fabric shall meet the requirements of material specification 592 Geotextile based upon performance needed.
  3. Fence posts shall be either standard steel post or wood post with a minimum cross-sectional area of 2" x 2" nominal size.

STANDARD DWG. NO.  
**IUM-620**  
SHEET 1 OF 2  
DATE 3-16-12

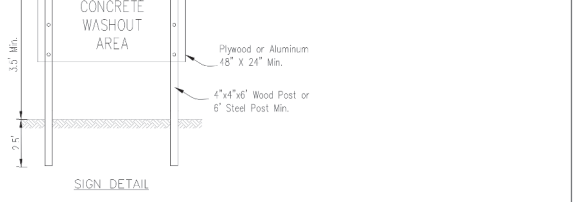
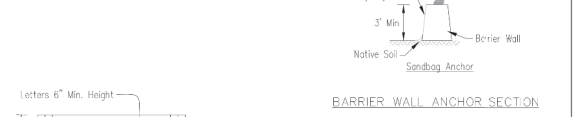
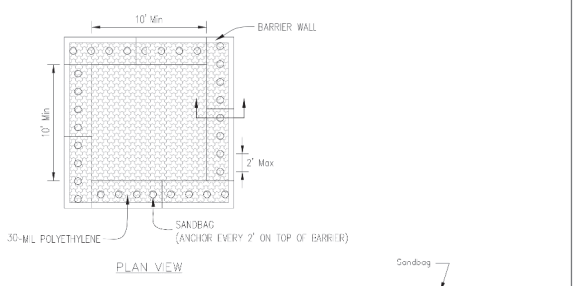
SILT FENCE - SPLICING TWO FENCES



1. Place the end post of the second fence inside the end post of the first fence.
2. Rotate both posts at least 180 degrees in a clockwise direction to create a tight seal with the fabric material.
3. Cut the fabric near the bottom of the stakes to accommodate the 6" flap.
4. Drive both posts a minimum of 18 inches into the ground and bury the flap.
5. Compact backfill (particularly at splices) completely to prevent stormwater piping.

STANDARD DWG. NO.  
**IUM-620B(W)**  
SHEET 1 OF 1  
DATE 3-16-2012

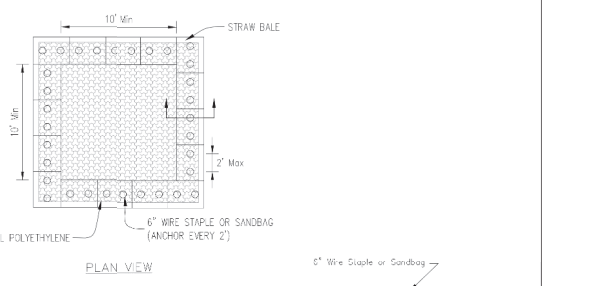
AUTOCAD2006



- NOTES:
1. Wash-out temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
  2. Facility shall be cleared or reconstructed in a new area once washout becomes two-thirds full.

TEMPORARY CONCRETE  
WASHOUT FACILITY - BARRIER WALL

AUTOCAD2006



- NOTES:
1. Wash-out temporary concrete washout facilities shall include removing and disposing of hardened concrete and/or slurry and returning the facilities to a functional condition.
  2. Facility shall be cleared or reconstructed in a new area once washout becomes two-thirds full.
  3. Each straw bale is to be staked in place using (2) 2"x2"x4" wooden stakes.

TEMPORARY CONCRETE  
WASHOUT FACILITY - STRAW BALE

REVISIONS	DESCRIPTION	DATE
No.		

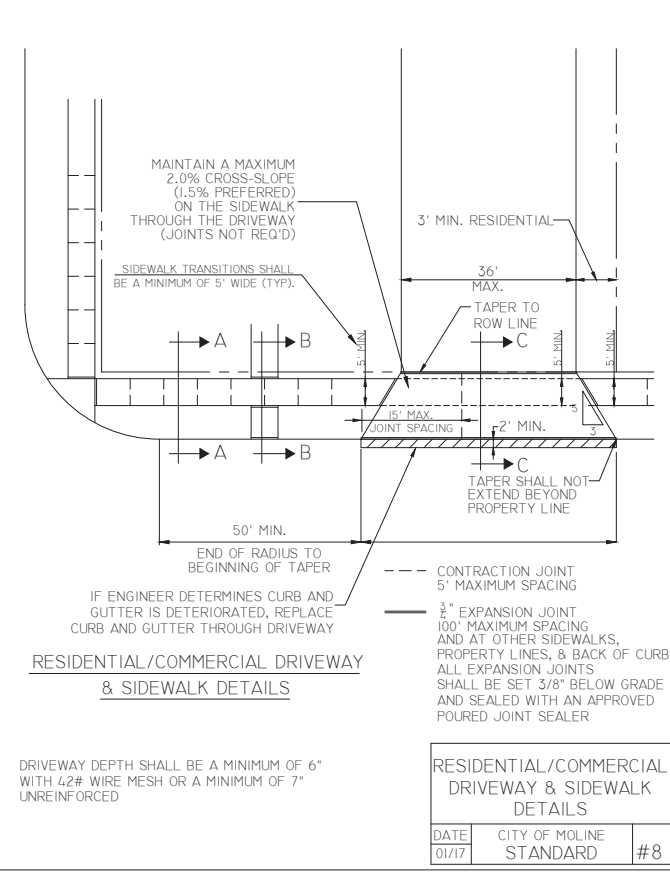
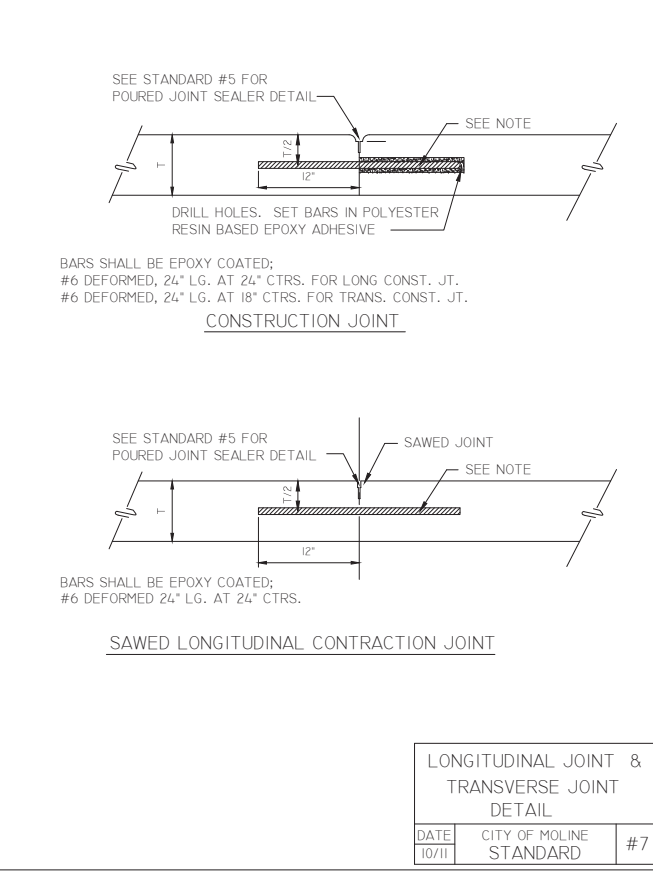
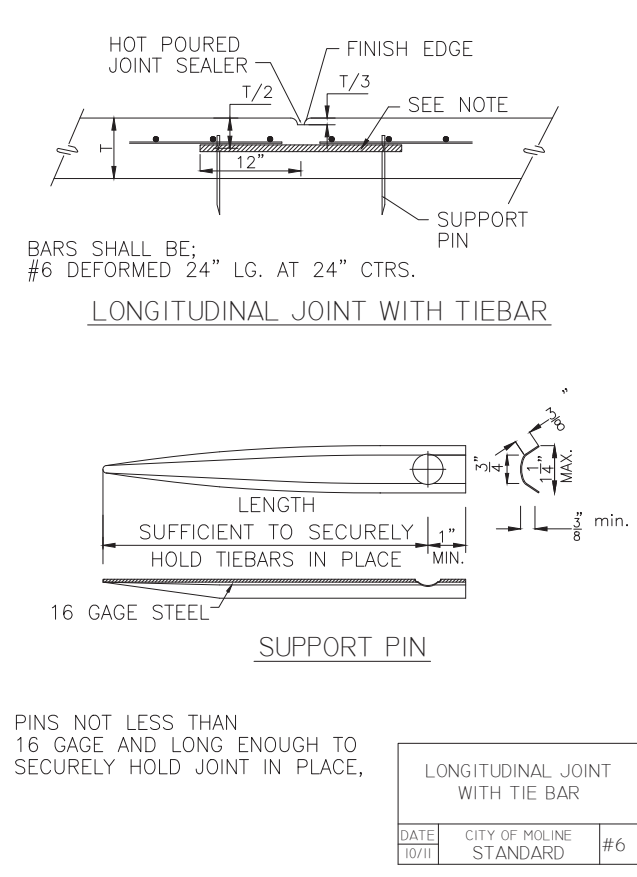
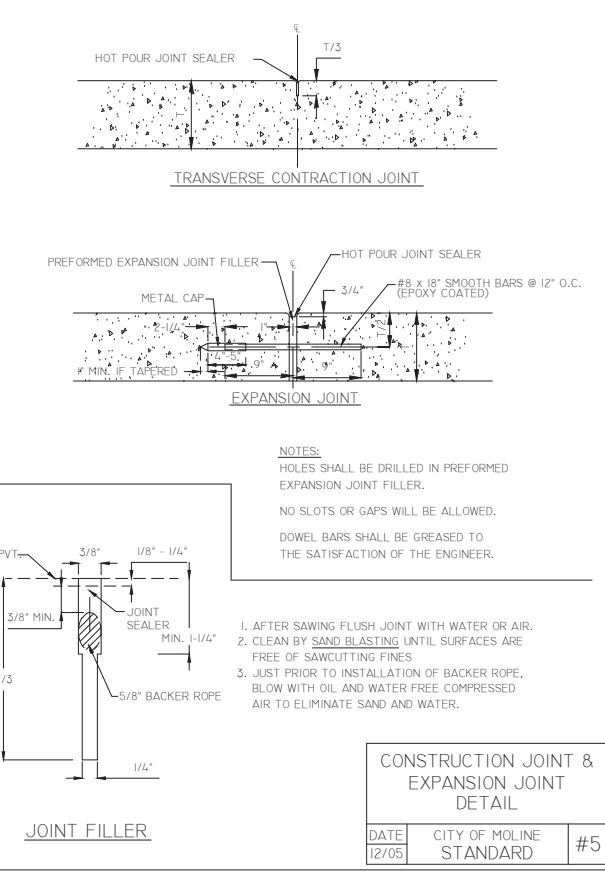
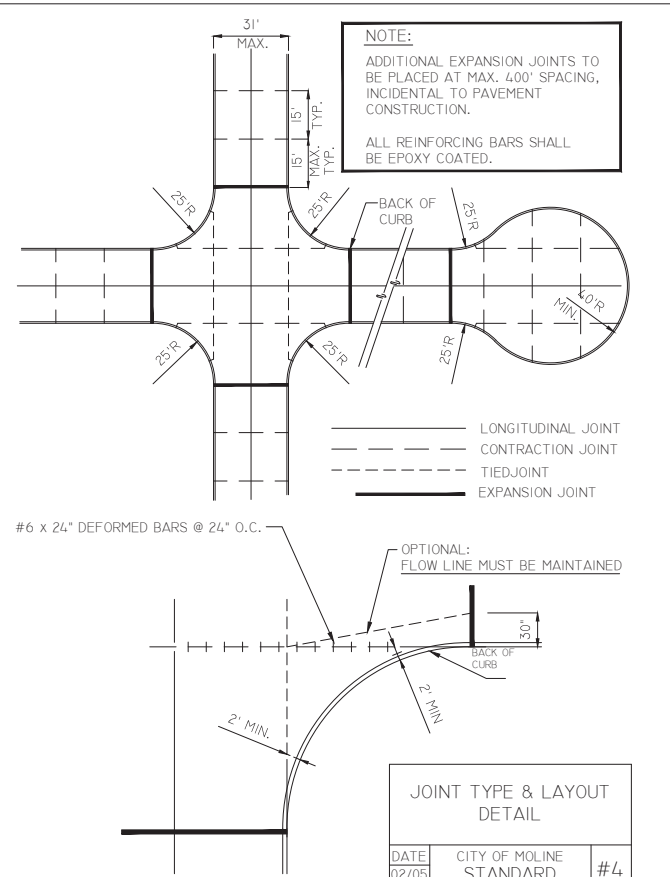
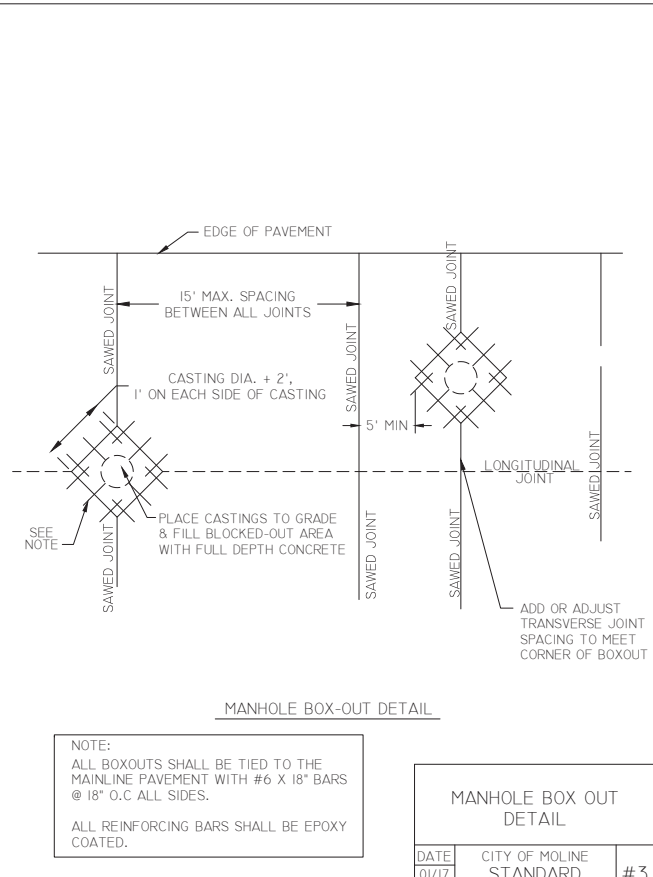
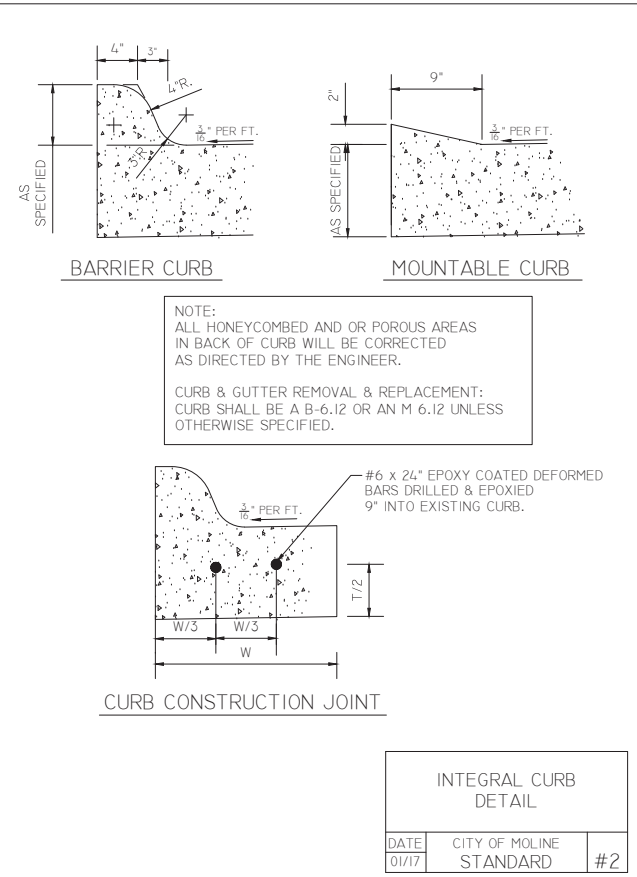
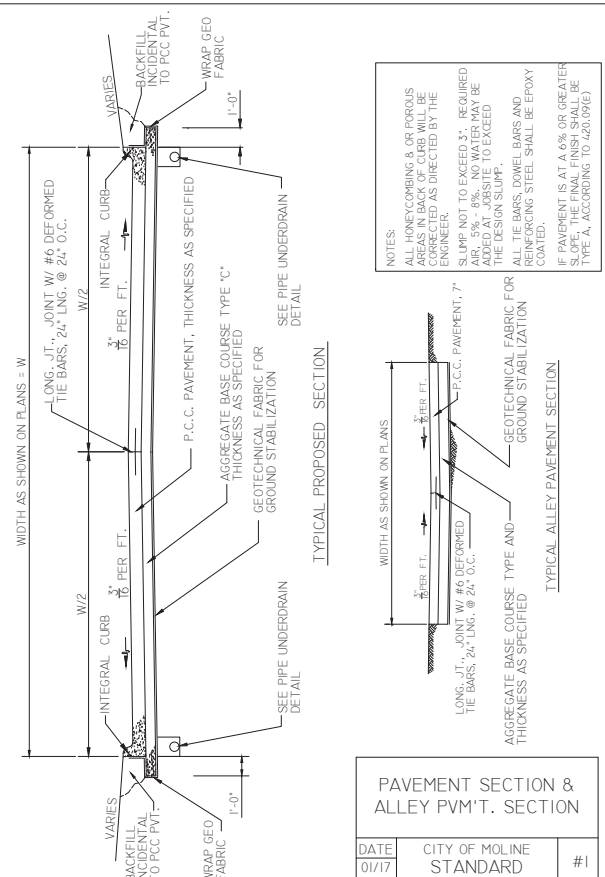
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2018 MOLINE RESURFACING  
MOLINE, ILLINOIS  
DETAILS

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Sheet 134 of 152



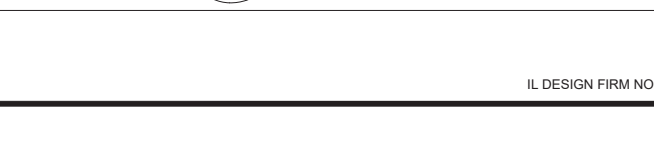
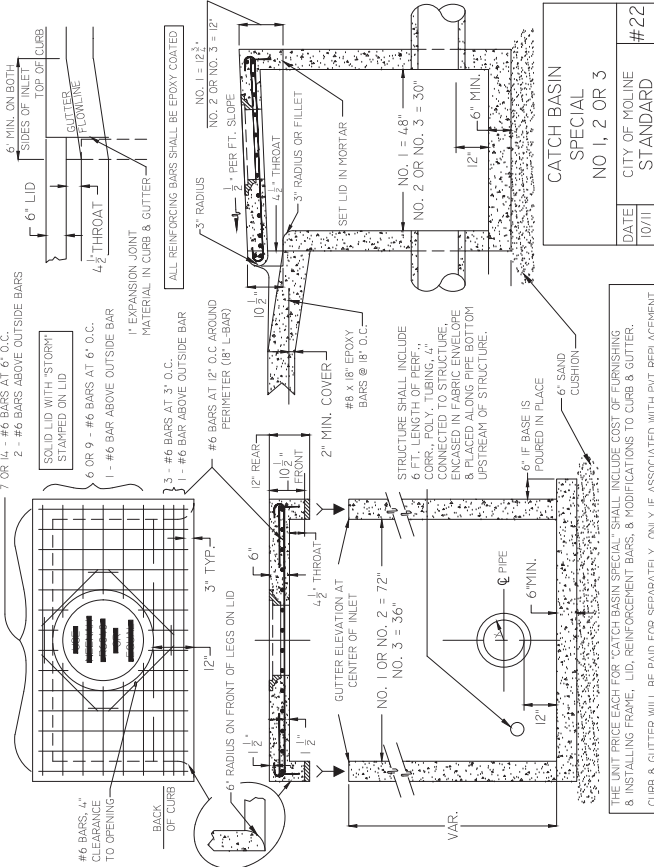
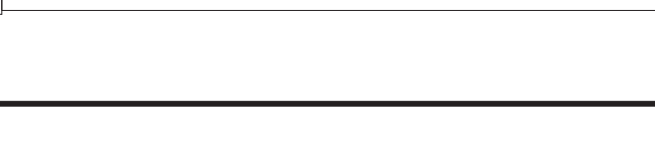
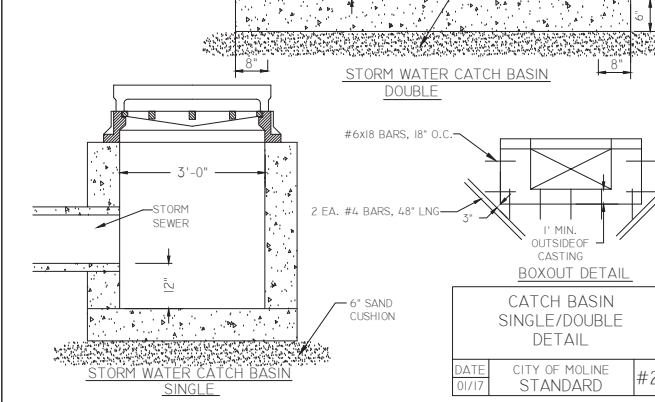
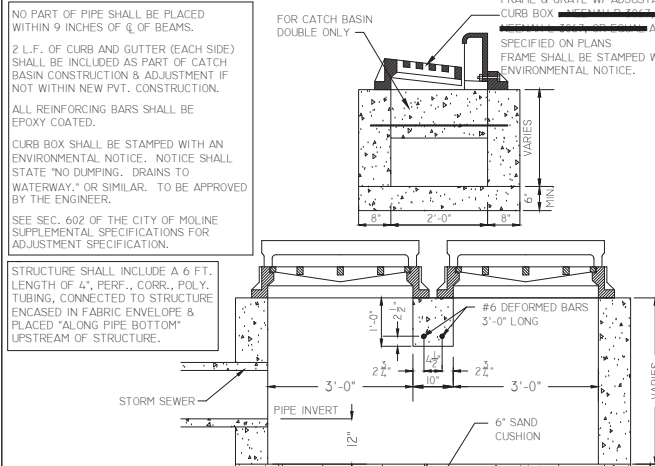
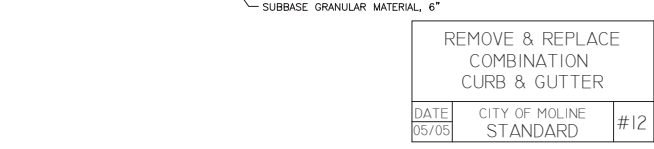
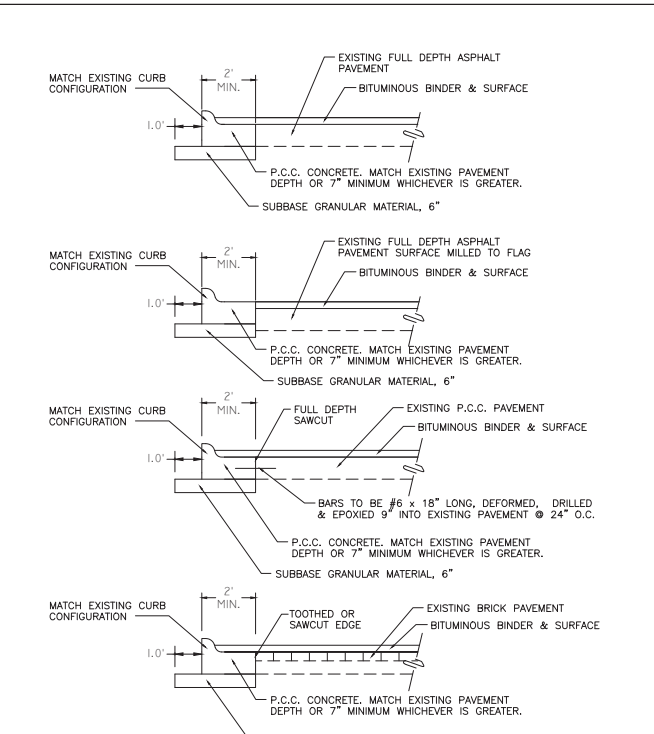
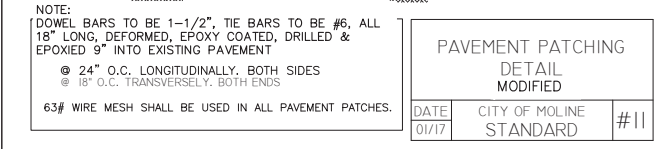
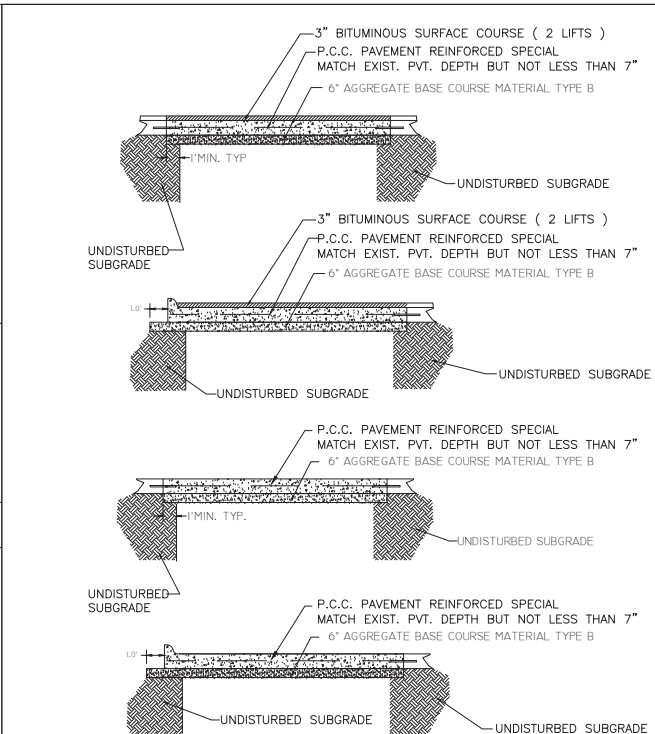
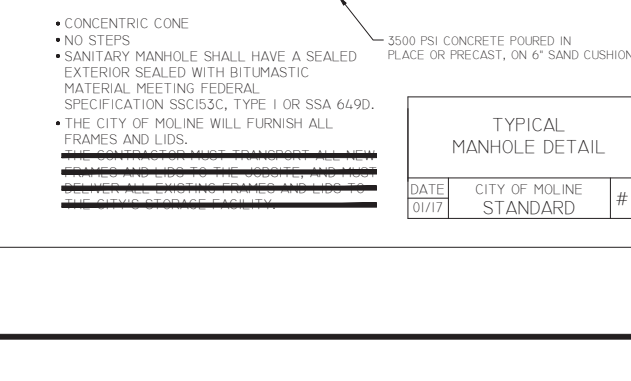
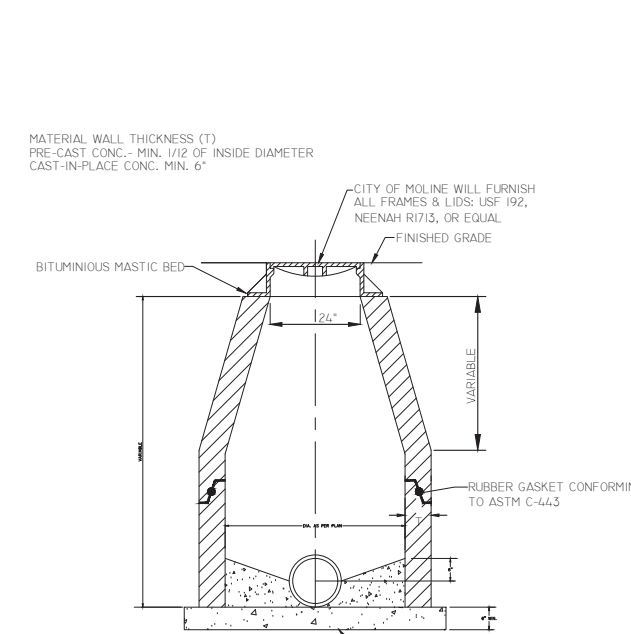
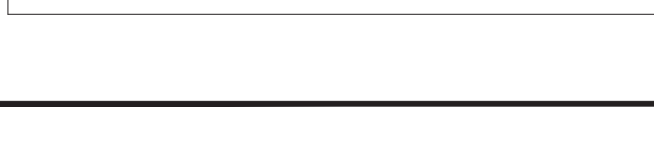
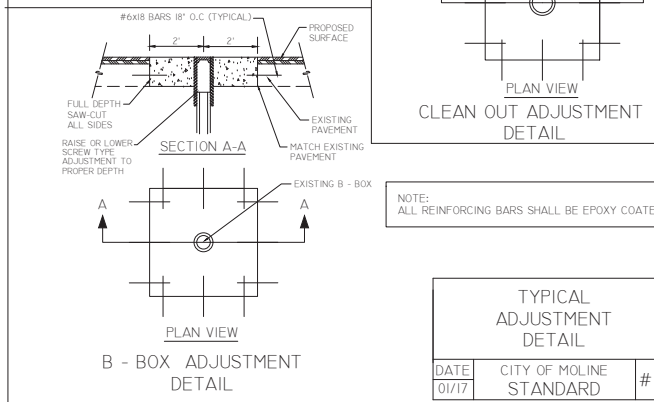
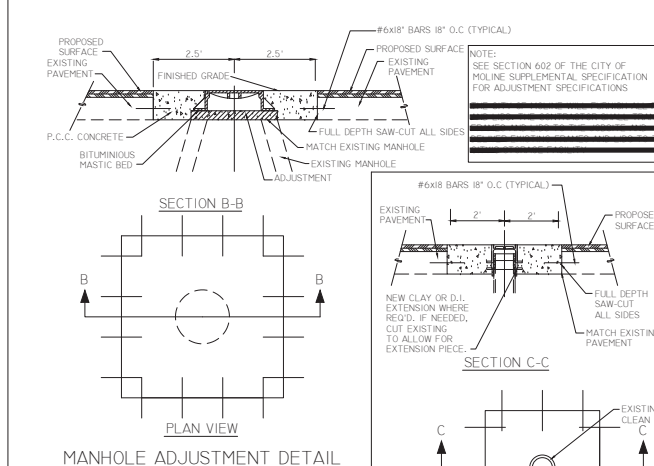
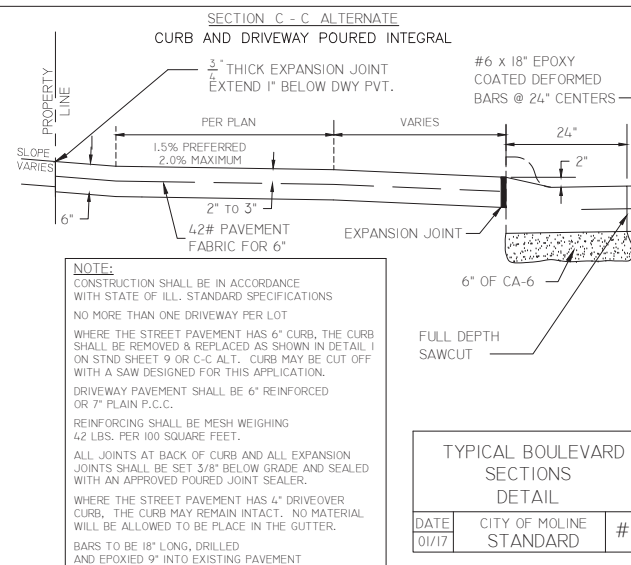
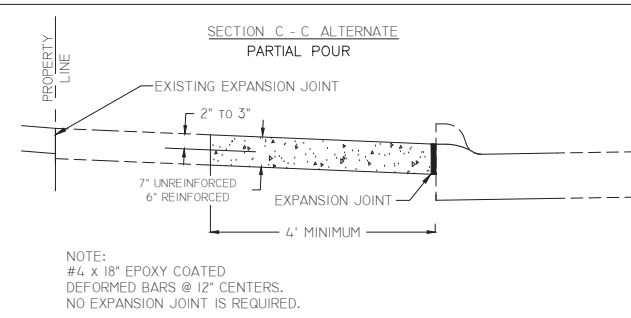
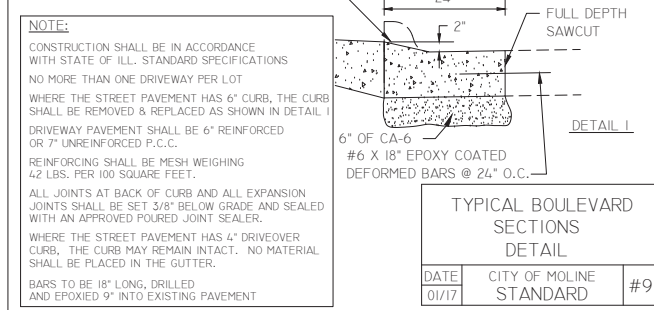
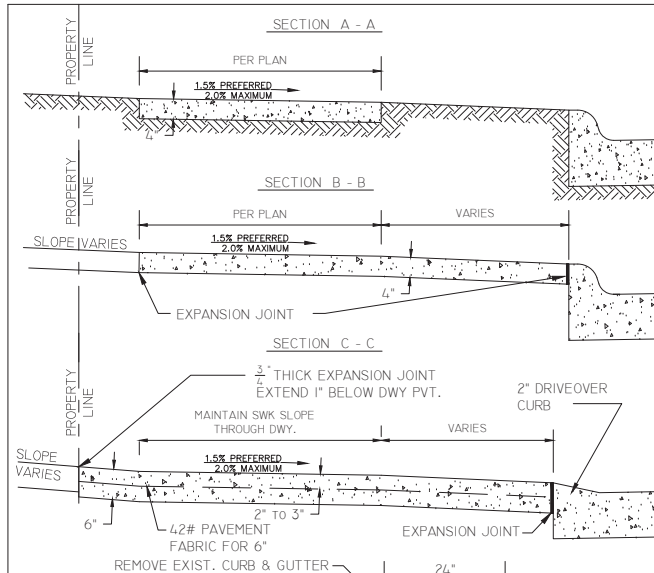
REVISIONS	DESCRIPTION	DATE
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2018 MOLINE RESURFACING  
MOLINE, ILLINOIS  
CITY OF MOLINE DETAILS

Missman Project No:  
B16M001A  
File Name:  
B16M001-MOLINE DETAILS.dwg  
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Date: 01/17/2018



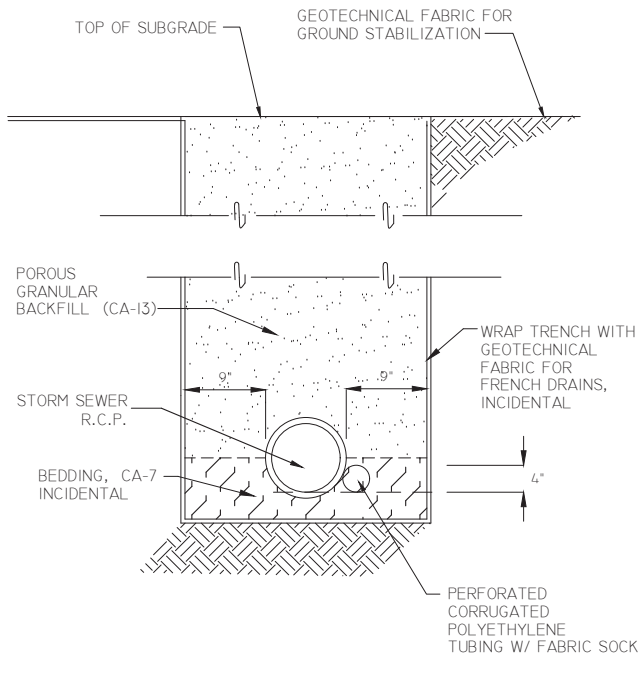
REVISIONS	DESCRIPTION	DATE
No.		

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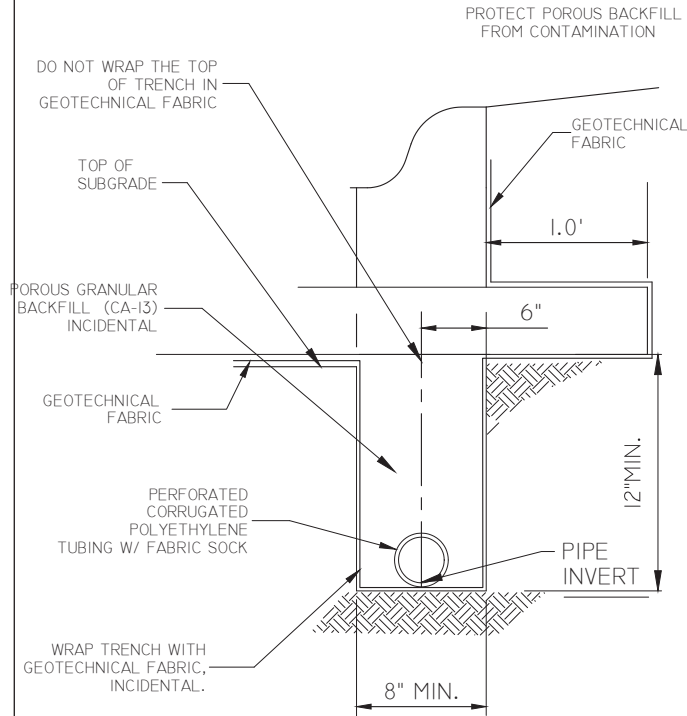
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2018 MOLINE RESURFACING  
MOLINE, ILLINOIS  
CITY OF MOLINE DETAILS (2)

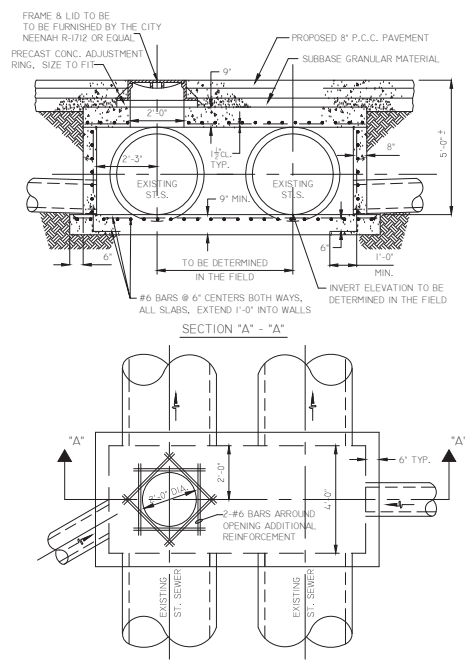
Missman Project No: B16M001A  
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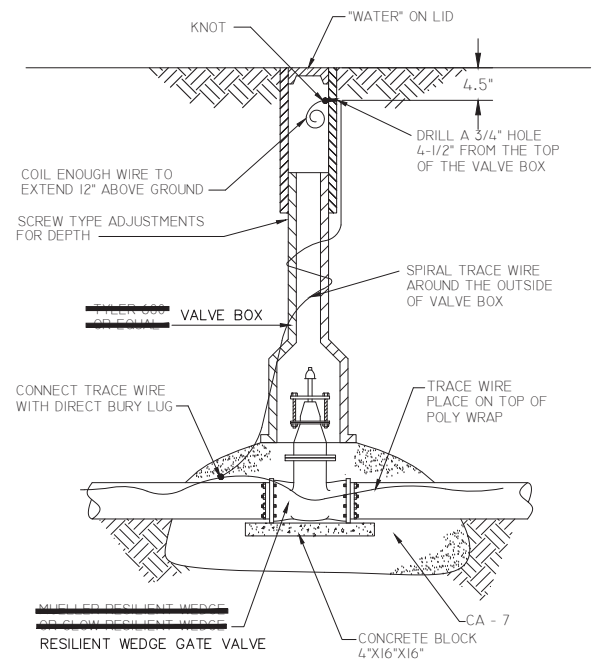
PIPE UNDERDRAIN DETAIL  
 DATE 12/05 CITY OF MOLINE STANDARD #26



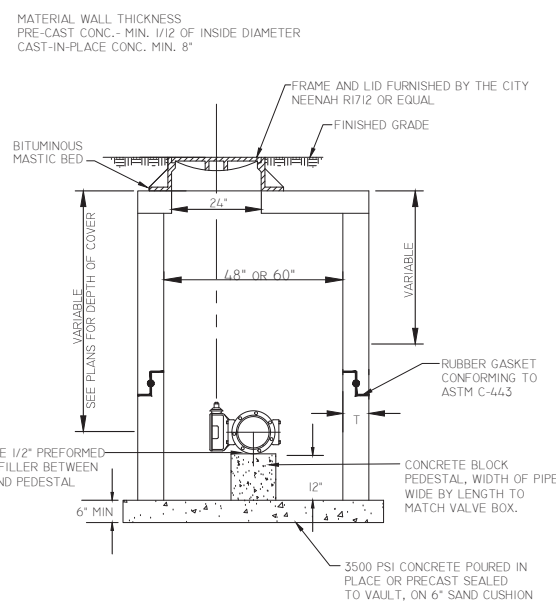
PIPE UNDERDRAIN DETAIL  
 DATE 01/17 CITY OF MOLINE STANDARD #27



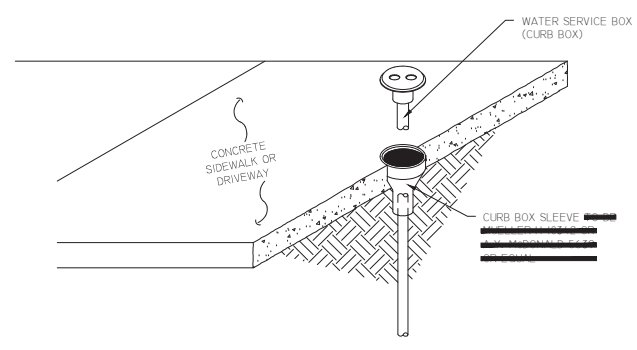
NOTE: ALL REINFORCING BARS SHALL BE EPOXY COATED. FRAME AND LID TO BE FURNISHED BY THE CITY.  
 STORM VAULT STRUCTURE  
 DATE 01/17 CITY OF MOLINE STANDARD #29



GATE VALVE BOX INSTALLATION  
 DATE 1/10 CITY OF MOLINE STANDARD #30



NOTE: VALVE VAULT DIA. SHALL BE 48" FOR 8" OR LESS VALVES AND 60" FOR LARGER VALVES. FRAMES AND LIDS FURNISHED BY THE CITY. FRAMES AND LIDS SHALL BE LOCATED OVER CENTER OF OPERATING NUT.  
 TYPICAL VALVE VAULT DETAIL  
 DATE 01/17 CITY OF MOLINE STANDARD #31



CURB BOX AND SLEEVE  
 DATE 10/95 CITY OF MOLINE STANDARD #36

REVISIONS	DESCRIPTION	DATE
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2018 MOLINE RESURFACING  
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 CITY OF MOLINE DETAILS (3)

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 File Name: B16M001-MOLINE DETAILS.dwg  
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# CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED

## (DETAILS FOR CURB & GUTTER REPLACEMENT)

CONCRETE CURB AND GUTTER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 606 OF THE STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS, STANDARD 606001 AND THIS DRAWING.

CLASS SI CONCRETE SHALL BE USED THROUGHOUT. A HOLE 1-1/2 IN DIAMETER AND 9 DEEP SHALL BE DRILLED IN THE EXISTING CONCRETE CURB AS SHOWN. A 1-1/4 X 18 SMOOTH DOWEL BAR SHALL BE GROUTED IN THE HOLE LONGITUDINALLY.

JOINTS OF A TYPE SIMILAR TO THAT IN THE UNDERLYING PAVEMENT (EXPANSION OR CONTRACTION) SHALL BE INSTALLED IN THE CONCRETE CURB IN ALIGNMENT WITH THE JOINTS IN THE PAVEMENT.

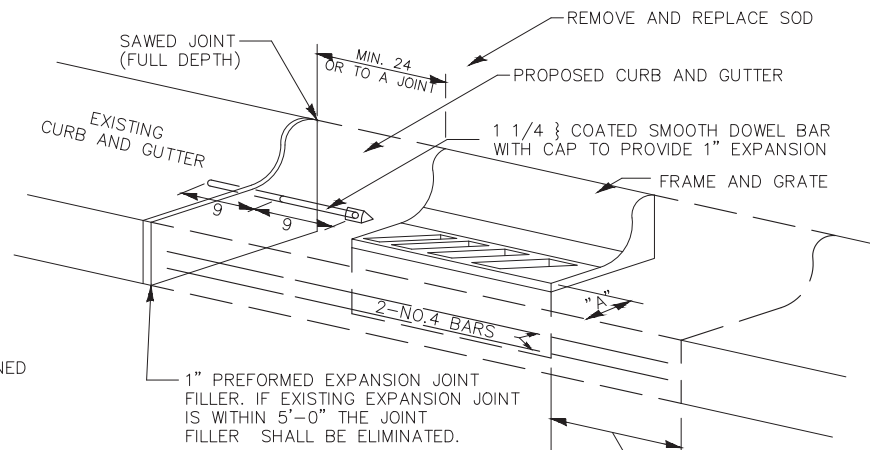
THE PROPOSED CONFIGURATION OF THE CURB AND GUTTER SHALL MATCH THAT REMOVED.

THE LOCATION OF THE DOWEL BAR SHALL BE DETERMINED BY THE ENGINEER.

ALL EXISTING TIE BARS IN EDGE OF PAVEMENT SLAB THRU REPLACEMENT AREA SHALL BE CUT OFF.

THE WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS AND INCLUDES THE REMOVAL AND REPLACEMENT OF SOD, CONCRETE PAVEMENT AND/OR CURB AND GUTTER ADJACENT TO CATCH BASINS OR INLETS TO BE ADJUSTED OR RECONSTRUCTED AND SHALL BE INCLUDED IN THE PAY ITEM OF CATCH BASINS OR INLETS TO BE ADJUSTED OR RECONSTRUCTED AS SPECIFIED.

REVISED - 9-30-11



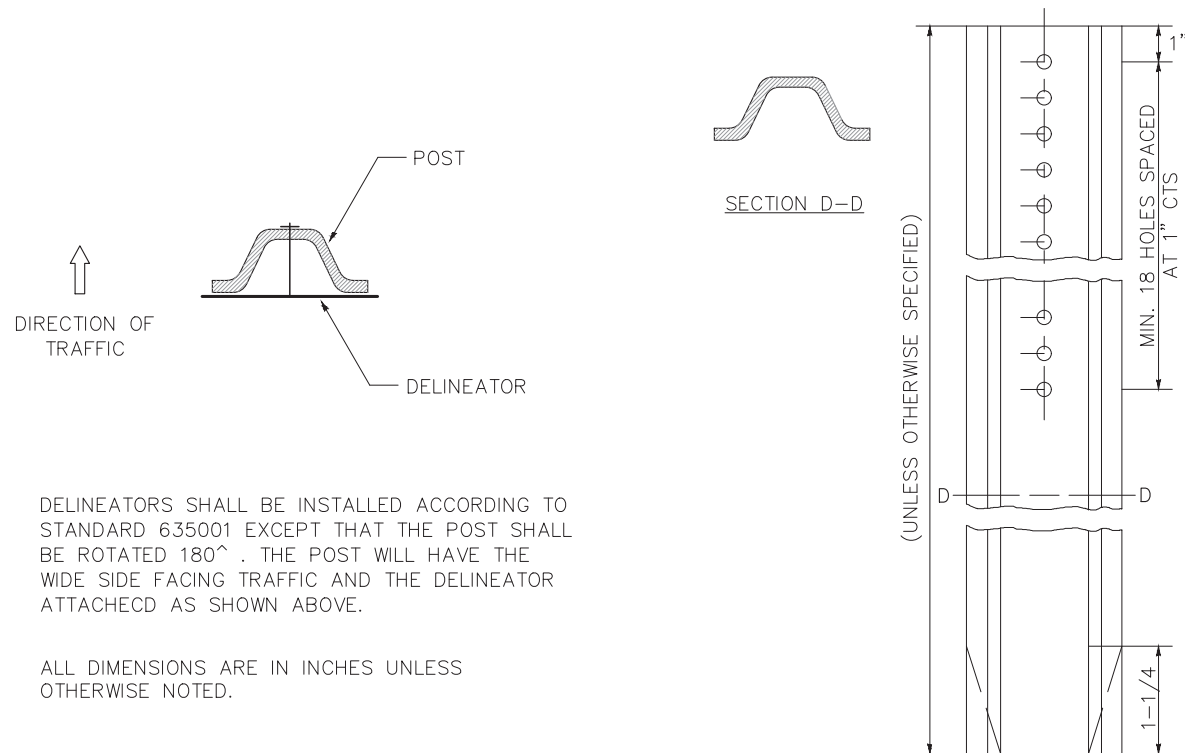
WHEN "A" IS GREATER THAN 2', 2-NO. 4 BARS SHALL BE PLACED AS SHOWN.

SAME REPAIR AS INDICATED ON OTHER SIDE OF FRAME AND GRATE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

CATCH BASIN OR INLETS TO BE ADJUSTED OR RECONSTRUCTED 17.4

# DELINEATOR AND POST ORIENTATION



DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

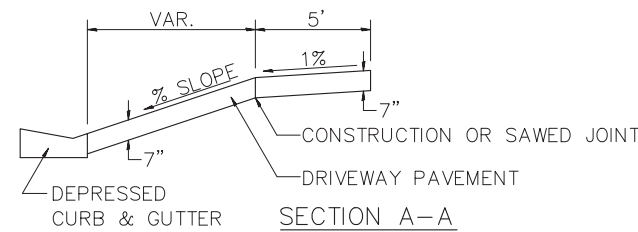
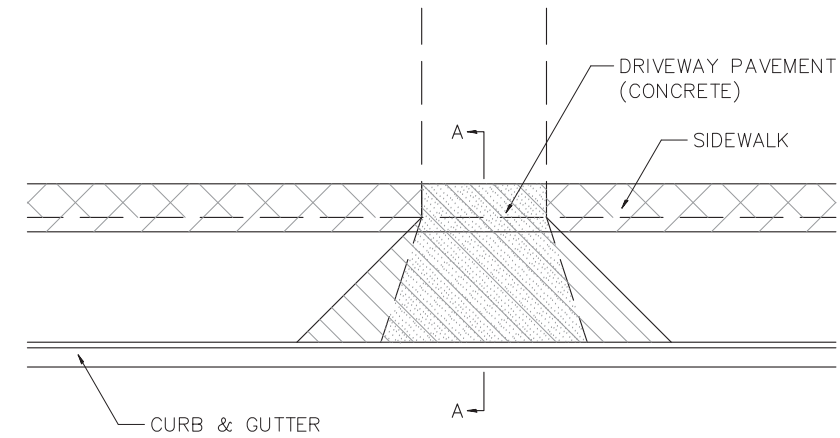
REVISED - 10-03-11

DELINEATOR AND POST ORIENTATION 37.4

# SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS

PAY FOR AS

- SIDEWALK REMOVAL
- DRIVEWAY PAVEMENT REMOVAL
- PCC SIDEWALK 5
- PCC DRIVEWAY PAVEMENT 7



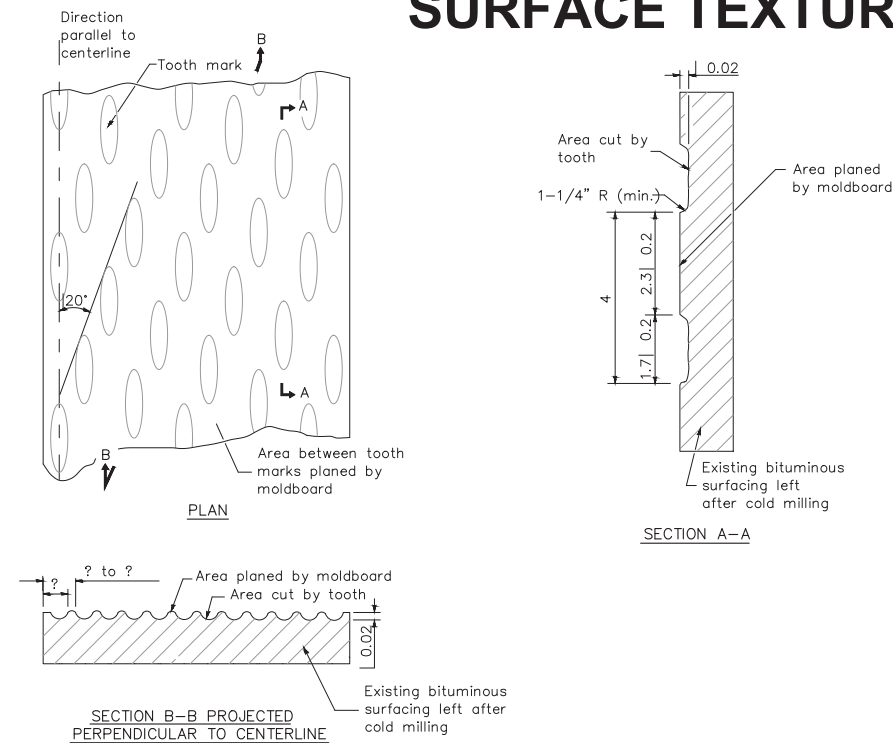
FOR DETAILS ON DIMENSIONS AND GRADES, SEE DISTRICT STANDARD 25.1 OR PLANS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 6-27-14  
REVISED - 10-03-11

SIDEWALK AND DRIVEWAY PAVEMENT PAY AREAS 35.4

# REQUIRED COLD MILLED SURFACE TEXTURE



- NOTES
- Cold Milling shall consist of two processes: Cutting with carbide teeth mounted on a rotating drum, and planing with a moldboard mounted immediately behind the cutting drum.
  - Other similar patterns will be acceptable if they consist of a smooth, flat, planed surface interspersed with a pattern of discontinuous longitudinal striations.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

REQUIRED COLD MILLED SURFACE TEXTURE 43.4

REVISIONS	DATE
No.	
DESCRIPTION	

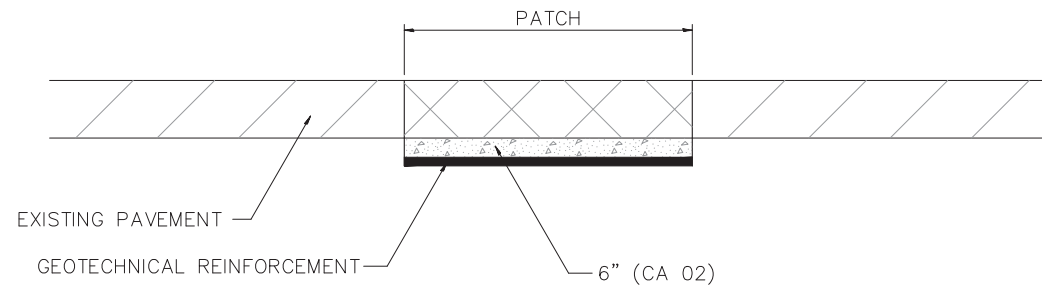
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2018 MOLINE RESURFACING  
MOLINE, ILLINOIS  
DISTRICT 2 DETAILS

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# SUBGRADE REPLACEMENT



**NOTES:**

THE CA 02 SHALL BE COMPACTED IN A MANNER APPROVED BY THE ENGINEER. IF THE MOISTURE CONTENT OF THE MATERIAL IS SUCH THAT COMPACTION SATISFACTORY TO THE ENGINEER CANNOT BE OBTAINED, SUFFICIENT WATER SHALL BE ADDED SO THAT SATISFACTORY COMPACTION CAN BE OBTAINED.

THE CA 02 SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CU YD FOR AGGREGATE SUBGRADE IMPROVEMENT WHICH SHALL ALSO INCLUDE ALL EARTH EXCAVATION.

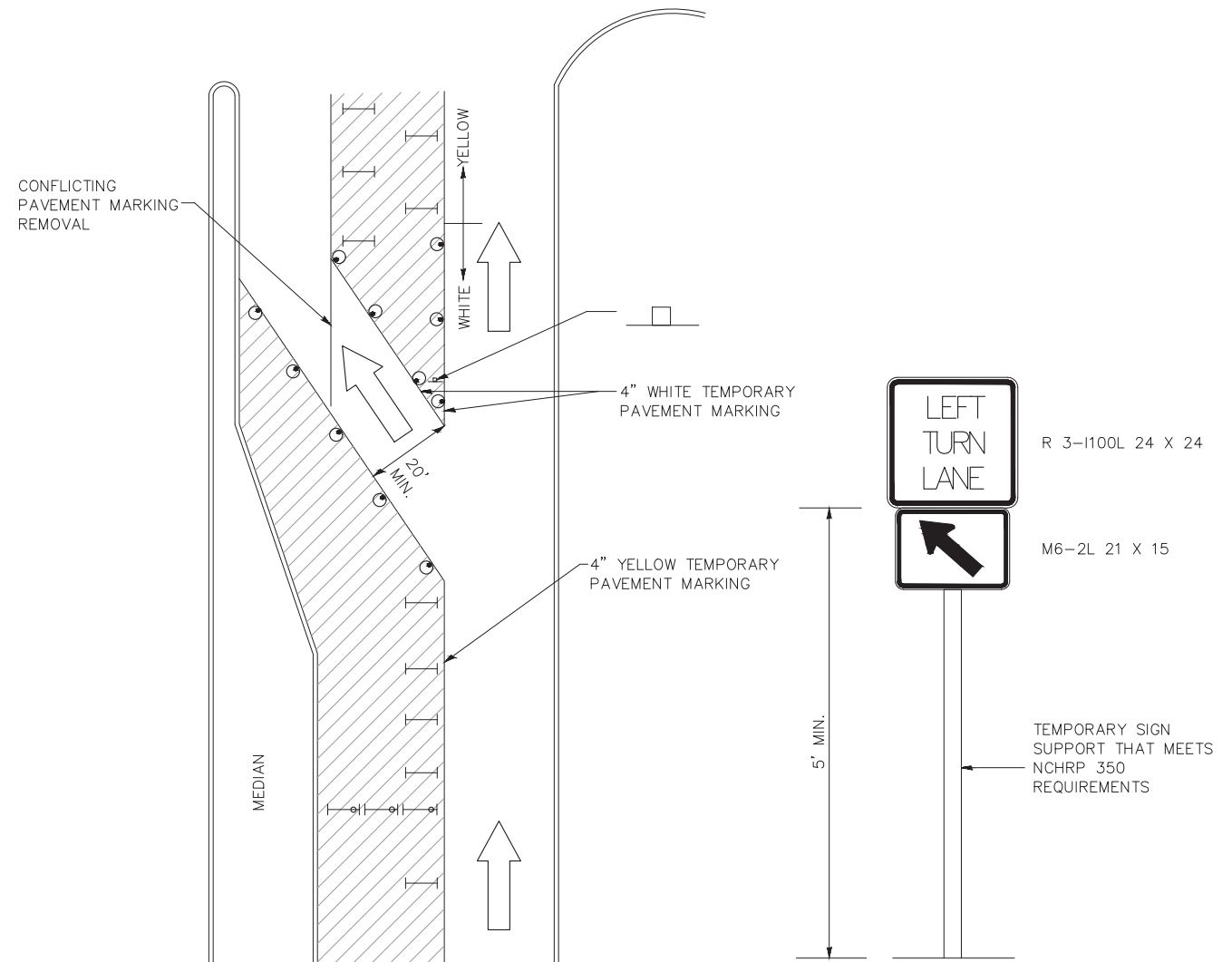
THE GEOTECHNICAL REINFORCEMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQ YD FOR GEOTECHNICAL REINFORCEMENT.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED — 3-13-13

**SUBGRADE REPLACEMENT 97.4**

# TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC)



**LEGEND**

- WORK AREA
- LANE OPEN TO TRAFFIC
- TYPE I OR II BARRICADE OR DRUM WITH FLASHING BURNING LIGHT
- DRUM OR BARRICADE WITH STEADY BURN LIGHT
- SIGN (SEE DETAIL)
- TYPE I OR II CHECK BARRICADE WITH STEADY LIGHT BURN

REVISED — 10-14-11

**GENERAL NOTES**

CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 IN HEIGHT.

STEADY BURNING LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS WILL BE MONODIRECTIONAL.

TEMPORARY PAVEMENT MARKING SHALL BE PLACED THROUGHOUT THE BARRICADED AREA OF EACH BAY WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS.

THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-100 24 X 24 AND M6-2R 21 X 15 SHALL BE USED.

THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES. LONGITUDINAL DIMENSIONS MAY BE ADJUSTED TO FIT FIELD CONDITIONS.

TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

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2018 MOLINE RESURFACING  
MOLINE, ILLINOIS

DISTRICT 2 DETAILS (2)

Missman Project No:  
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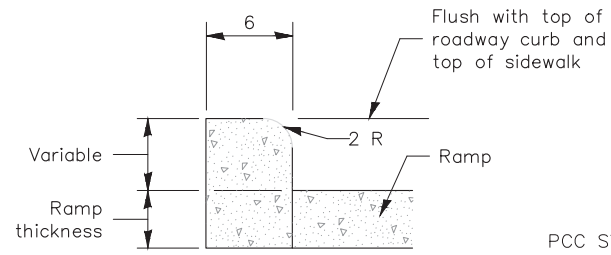
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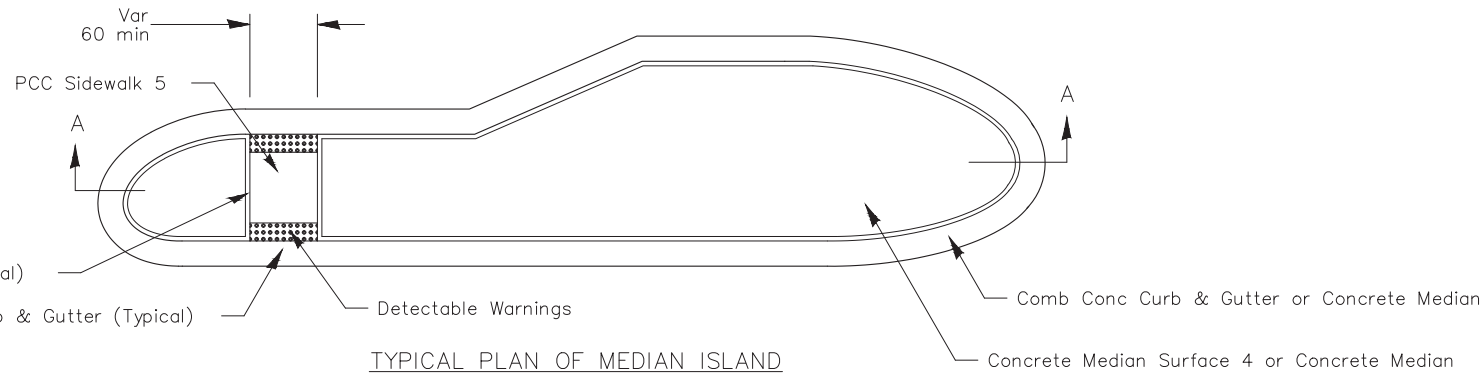
**139**

Sheet 139 of 152

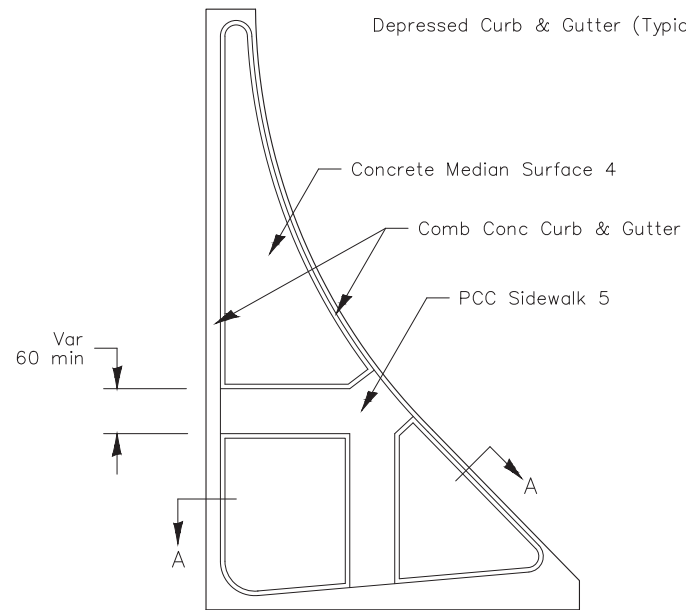
# PC CONCRETE ISLANDS AND MEDIANS ACCESSIBLE TO THE DISABLED



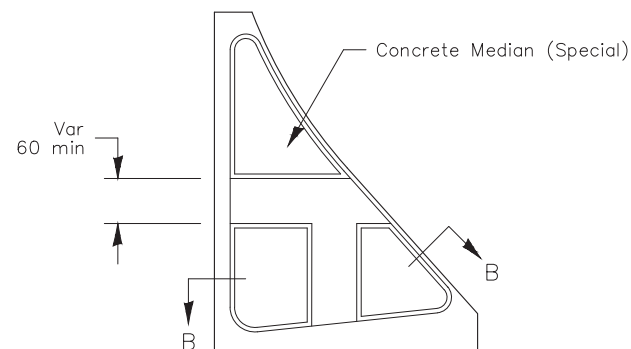
SIDE CURB DETAIL



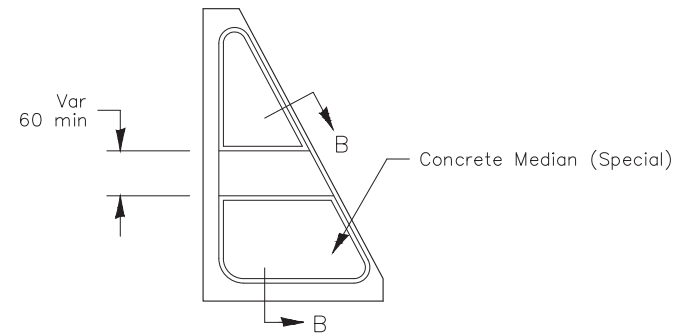
TYPICAL PLAN OF MEDIAN ISLAND



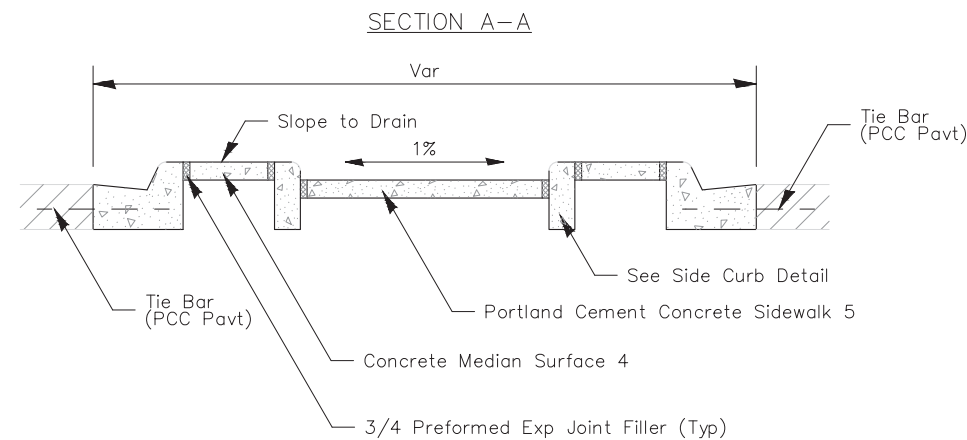
LARGE ISLAND  
(Free Flow Design)



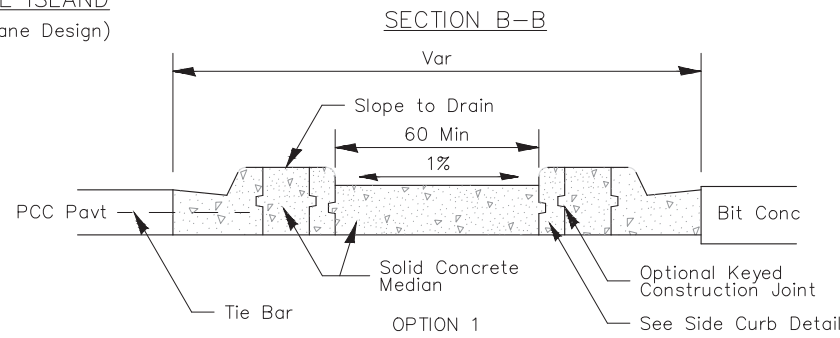
INTERMEDIATE ISLAND  
(For Right Turn Lane Design)



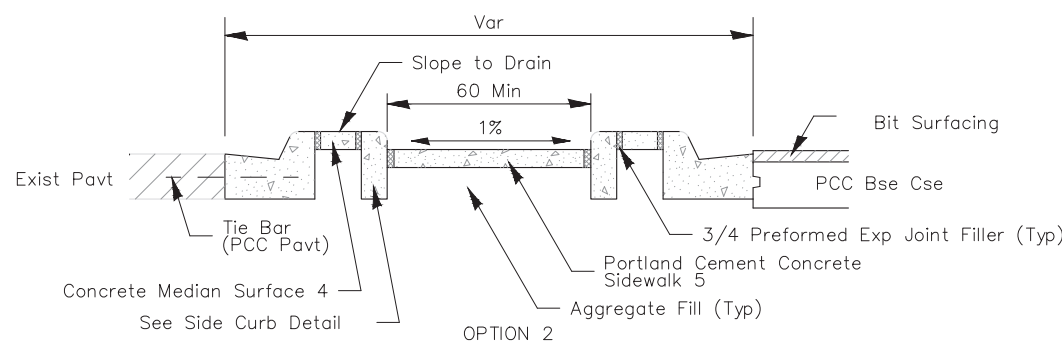
SMALL ISLAND  
(For Typical Design)



SECTION A-A



SECTION B-B



SECTION B-B  
OPTION 2

General Notes:  
See Standard 606301 and plan sheets for station & offsets, radii, dimensions, and details not shown.

See Standard 424031 for sidewalk details not shown.

The sidewalk should drain to the low side of the island. If necessary the sidewalk shall be sloped to drain at 1%.

See the plan general notes for the type of curb & gutter to be used on islands.

The sidewalk should not be closer than 36 from the corner of the island.

Keyed longitudinal construction joints shall be constructed without tie bars.

Medians and large islands shall consist of PCC Sidewalk 5, Concrete Median Surface 4, and Combination Concrete Curb & Gutter, Type M or B of the size specified. Median island can also be solid concrete medians.

Locations, layouts, and widths of the flush sidewalk area, shall be determined by the designer and shown on the plans.

The intermediate and small islands will be measured for payment from E.O.P. to E.O.P. using either option 1 or option 2, as specified in the plans, and will be paid for at the contract unit price per SQ FT for CONCRETE MEDIAN (SPECIAL) which shall include the combination curb & gutter, sidewalk, aggregate fill, concrete median surface, and solid concrete median.

Omit detectable warnings when distance between back of curbs is less than 6'.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISIONS	DESCRIPTION	DATE
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2018 MOLINE RESURFACING  
MOLINE, ILLINOIS  
DISTRICT 2 DETAILS (3)

Missman Project No: B16M001A  
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140  
Sheet 140 of 152

FILE NAME = \$FILEL\$	USER NAME = \$USER\$	DESIGNED - ---	REVISED - 1-05-16
		DRAWN - ---	REVISED - 6-27-14
	PLOT SCALE = \$SCALE\$	CHECKED - ---	REVISED - 8-27-13
	PLOT DATE = \$DATE\$	DATE - ---	REVISED - 10-09-12

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

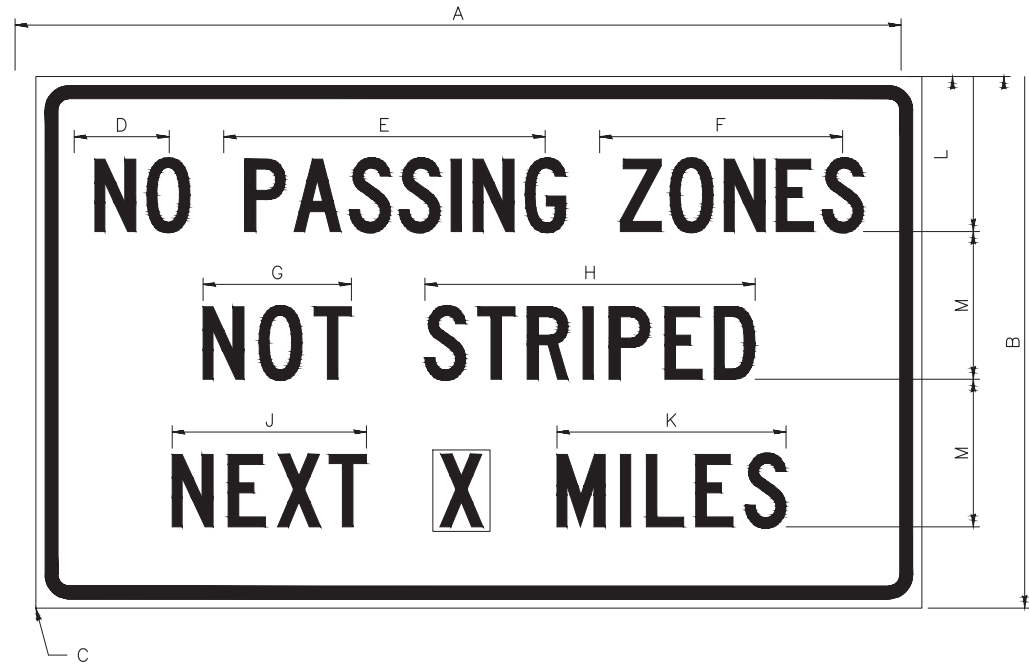
REGION 2 / DISTRICT 2 STANDARD

SCALE: \_\_\_\_\_ SHEET NO. \_\_\_ OF \_\_\_ SHEETS STA. \_\_\_\_\_ TO STA. \_\_\_\_\_



# WORK ZONE SIGN DETAILS

## ILLINOIS STANDARD G20-I100



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
60 x 36	60.00	36.00	2.25	6.4	21.80	16.40	10.00	22.40	13.20	15.50	10.50	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
60 x 36	5C	5C	5C	0.625	0.875

Sign not to scale

### GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

## ILLINOIS STANDARD W8-I107



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS									
	A	B	C	D	E	F	G	H	J	
48 x 48	48.00	3.00	25.00	34.80	34.20	24.94	9.00	1.00	10.00	

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
48 x 48	7C	7C	7C	1.250	0.750

Sign not to scale

FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 3-02-16
		DRAWN -	REVISED -
	PLOT SCALE = 3.0909' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/18/2017	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO. - ILLINOIS FED. AID PROJECT				

WORK ZONE SIGN DETAILS SHEET 1 OF 4 34.1

REVISIONS	DESCRIPTION	DATE
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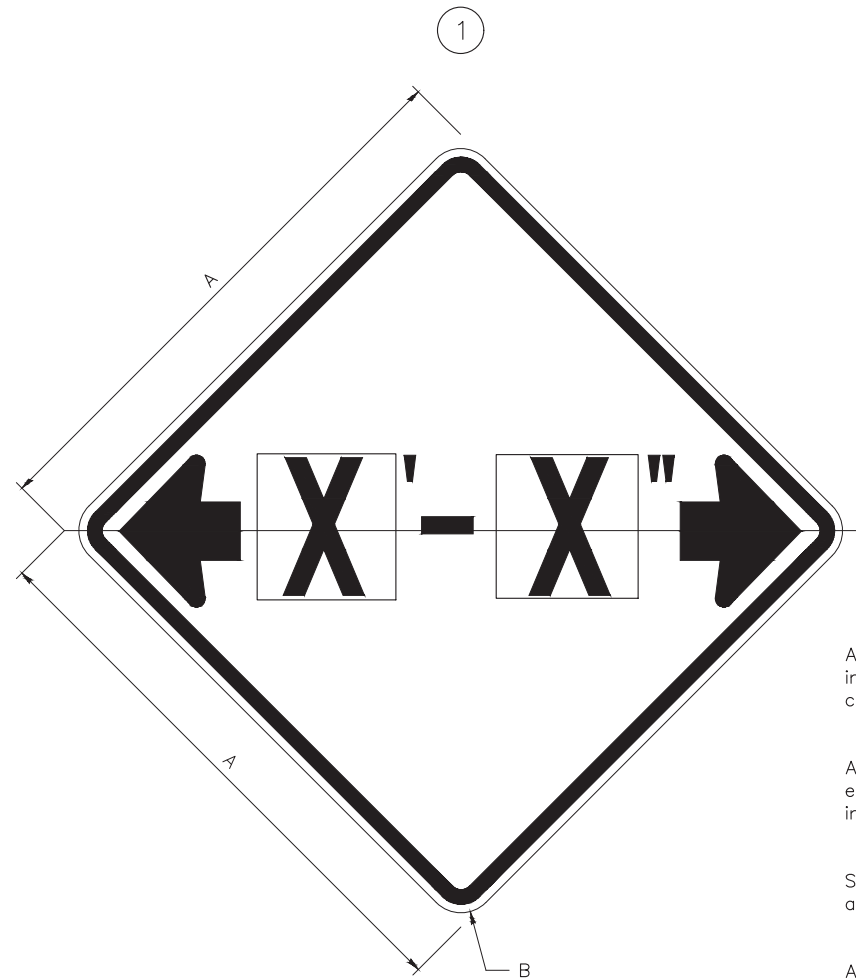
2018 MOLINE RESURFACING  
MOLINE, ILLINOIS  
DISTRICT 2 DETAILS (4)

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Date: 01/17/2018

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Sheet 141 of 152

# WORK ZONE SIGN DETAILS

## ILLINOIS STANDARD W12-I102



### GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

COLOR LEGEND AND BORDER BACKGROUND BLACK FL ORANGE NON-REFLECTORIZED REFLECTORIZED

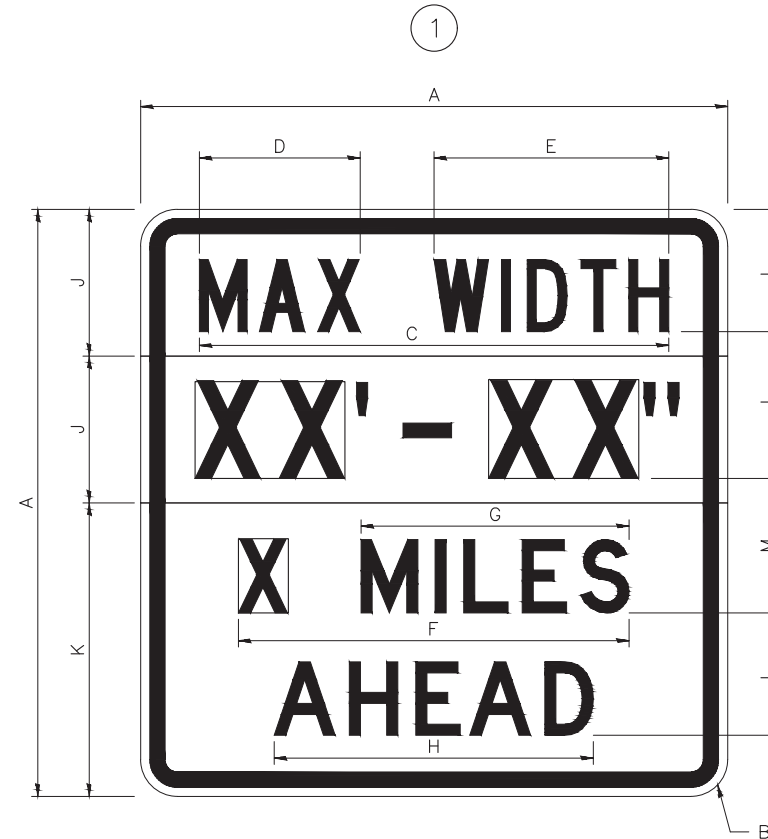
SIGN SIZE	DIMENSIONS	
	A	B
48 x 48	48.00	3.00

① Illinois Standard signs W12-I102 and W12-I103 shall be used as described in the special provisions.

SIGN SIZE	SERIES BY LINE	MARGIN	BORDER
	1		
48 x 48	12C	0.750	1.250

Sign not to scale

## ILLINOIS STANDARD W12-I103



COLOR LEGEND AND BORDER BACKGROUND BLACK FL ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
48 x 48	48.00	3.00	38.40	13.20	19.20	32.00	22.00	26.20	12.00	24.00	10.00	11.00

SIGN SIZE	SERIES BY LINE				MARGIN	BORDER
	1	2	3	4		
48 x 48	6C	8D	6D	6D	0.750	1.250

Sign not to scale

XX'-XX" WIDTH AND X MILES ARE VARIABLE TOP AND BOTTOM OF BACKGROUND WHITE

FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 3-02-16
		DRAWN -	REVISED -
	PLOT SCALE = 3.0909' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/18/2017	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

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

REVISIONS	DESCRIPTION	DATE
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# WORK ZONE SIGN DETAILS

## ROAD CLOSED TO OVERSIZED LOADS



COLOR	LEGEND AND BORDER BACKGROUND	BLACK ORANGE	NON-REFLECTORIZED REFLECTORIZED
-------	------------------------------	--------------	---------------------------------

Permit Loads – Loads Over 13 Feet; 3.0" Radius, 1.3" Border; [NO OVERSIZE -] D; [OVERWEIGHT LOADS] D 85% spacing; [XX MILES AHEAD] D; Table of letter and object lefts.

N	O	O	V	E	R	S	I	Z	E	-
11.7	18.1	30.0	36.2	42.8	48.4	54.4	60.7	63.5	69.5	80.8

O	V	E	R	W	E	I	G	H	T	L	O	A	D	S
2.6	8.6	15.0	20.4	26.2	33.4	38.8	41.3	47.4	53.2	64.5	69.9	75.9	82.9	88.7

X	X	M	I	L	E	S	A	H	E	A	D
7.6	13.6	25.3	32.3	35.1	40.6	46.2	57.9	65.1	71.4	76.6	83.7

Sign not to scale

## STOP LINE SIGN FOR TEMPORARY SIGNALS



COLOR	LEGEND AND BORDER BACKGROUND	BLACK WHITE	NON-REFLECTORIZED REFLECTORIZED
-------	------------------------------	-------------	---------------------------------

SIGN SIZE	SERIES BY LINE		
	1	2	3
24 x 24	4C	4C	4C

Sign not to scale

### GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 3-02-16
	PLOT SCALE = 3.0909' / in.	DRAWN -	REVISED -
	PLOT DATE = 1/18/2017	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

REVISIONS		DATE
No.	DESCRIPTION	

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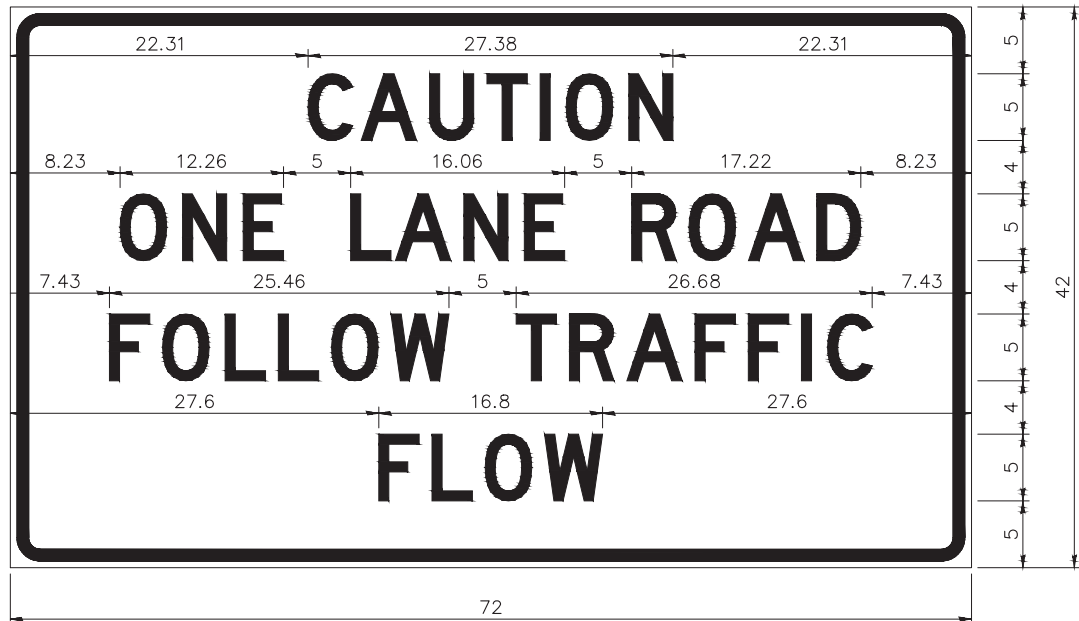
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2018 MOLINE RESURFACING  
MOLINE, ILLINOIS  
DISTRICT 2 DETAILS (6)

Missman Project No:  
B16M001A  
File Name:  
B16M001-DISTRICT DETAILS.dwg  
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Field Book No:  
Drawn By: MAP  
Checked By: BSL  
Date: 01/17/2018

# ENTRANCE SIGN FOR USE WITH TEMPORARY SIGNALS WORK ZONE SIGN DETAILS

②



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

2.25" Radius, 0.88" Border, 0.50" Indent;  
[CAUTION] D; [ONE LANE ROAD] D;  
[FOLLOW TRAFFIC] D; [FLOW] D

② This sign shall be installed at entrances located between the temporary signals as shown in the staging plans.

Table Of Widths And Spaces

22.31	C	3.36	0.62	A	4.18	0.94	U	3.36	0.94	T	3.04	0.94	I	0.78	1.17	O	3.52	1.17	N	3.36	22.31
-------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	-------

8.23	O	3.51	1.17	N	3.36	1.18	E	3.04
------	---	------	------	---	------	------	---	------

5.00	L	3.05	0.31	A	4.18	0.94	N	3.36	1.17	E	3.05
------	---	------	------	---	------	------	---	------	------	---	------

5.00	R	3.36	0.93	O	3.52	0.94	A	4.18	0.93	D	3.36	8.23
------	---	------	------	---	------	------	---	------	------	---	------	------

7.43	F	3.04	0.94	O	3.52	1.17	L	3.04	0.94	L	3.05	0.94	O	3.51	0.94	W	4.37
------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------

5.00	T	3.05	0.94	R	3.36	0.94	A	4.18	0.93	F	3.05	0.94	F	3.04	0.94	I	0.78	1.18	C	3.35	7.43
------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------

27.60	F	3.05	0.94	L	3.04	0.94	O	3.52	0.93	W	4.38	27.60
-------	---	------	------	---	------	------	---	------	------	---	------	-------

Sign not to scale

## GENERAL NOTES

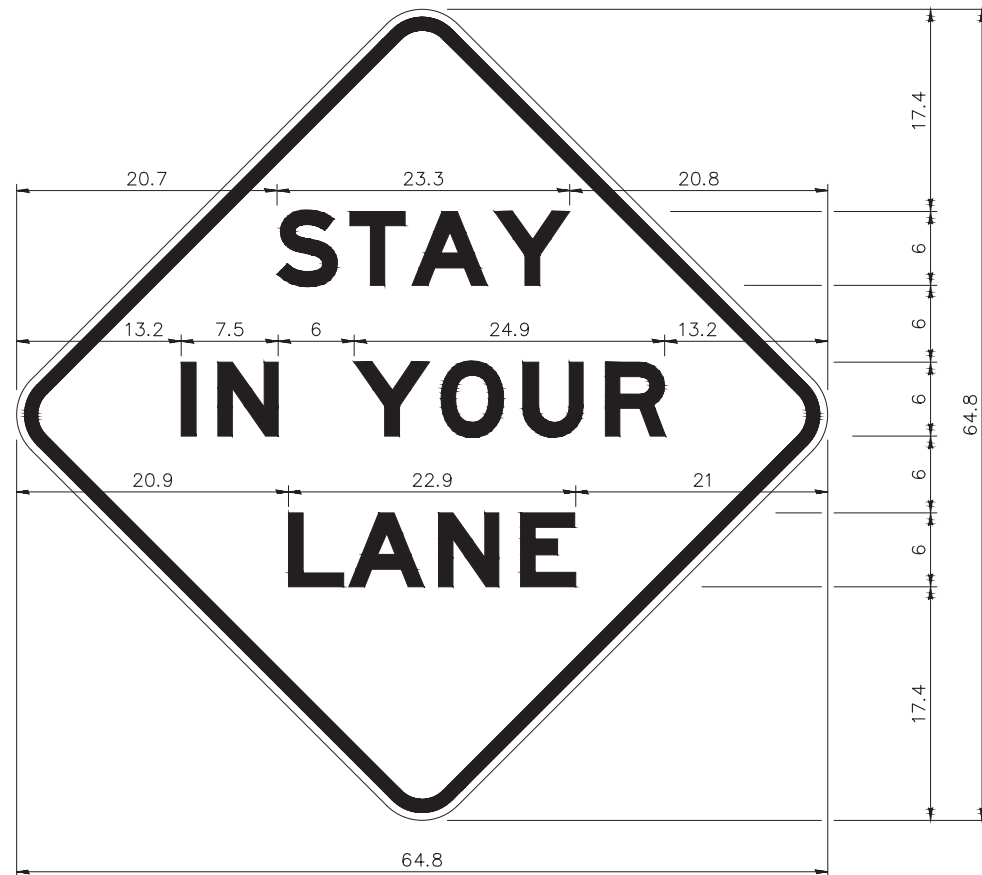
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

## STAY IN YOUR LANE



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

48.0" across sides 3.8" Radius, 1.0" Border, 0.6" Indent;  
"STAY" E Mod; "IN YOUR" E Mod; "LANE" E Mod;

Table of Letter and Object Lefts

S	T	A	Y
20.7	26.8	31.6	38.0

I	N	Y	O	U	R
13.2	15.9	26.7	33.9	40.5	46.8

L	A	N	E
20.9	25.8	33.1	39.4

Sign not to scale

FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 3-02-16
	PLOT SCALE = 3.0909" / in.	DRAWN -	REVISED -
	PLOT DATE = 1/18/2017	CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

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

REVISIONS	DESCRIPTION	DATE
No.		

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2018 MOLINE RESURFACING  
MOLINE, ILLINOIS  
DISTRICT 2 DETAILS (7)

Missman Project No:  
B16M001A

File Name:  
B16M001-DISTRICT DETAILS.dwg

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Drawn By: MAP

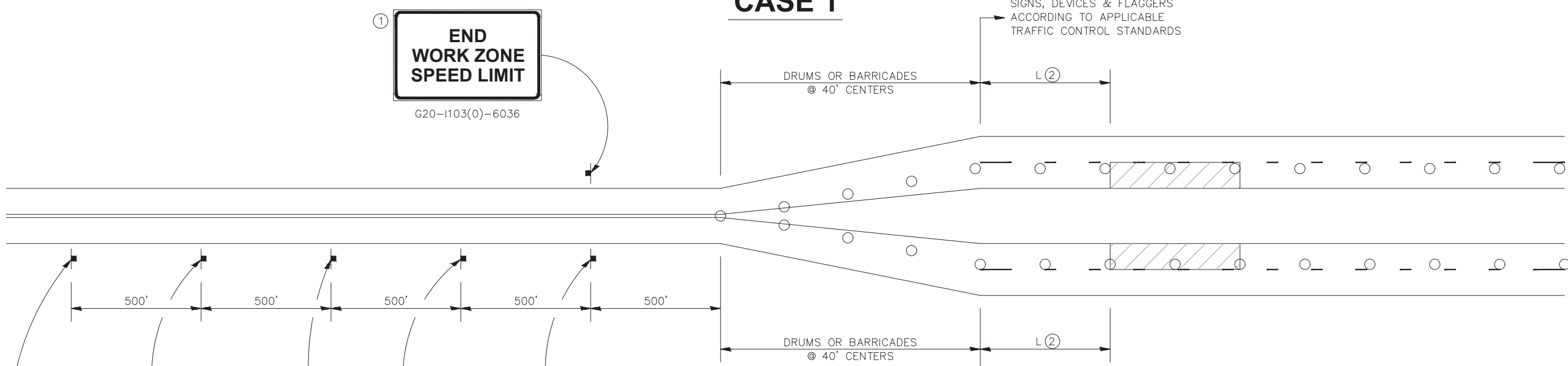
Checked By: BSL

Date: 01/17/2018

144

# TRAFFIC CONTROL FOR TRANSITION AREAS

## CASE 1



①  
**END WORK ZONE SPEED LIMIT**  
 G20-1103(0)-6036

①  
 ③  
**WORK ZONE**  
**SPEED LIMIT**  
**55**  
**PHOTO ENFORCED**  
**\$XXX FINE MINIMUM**

**ROAD CONSTRUCTION AHEAD**  
 W20-1(0)-48

①  
 WORK ZONE PUBLIC INFORMATION SIGN

①  
 PORTABLE CHANGEABLE MESSAGE SIGN

\* W1-4R(0)-48

○ DRUMS OR BARRICADES WITH LIGHTS

▨ WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

\* DEPENDS ON GEOMETRICS OF THE TRANSITION. MAY SWITCH THE "STAY IN YOUR LANE" AND "WEAVE SIGNS"

SIGNS, DEVICES & FLAGGERS ACCORDING TO APPLICABLE TRAFFIC CONTROL STANDARDS

SIGNS, DEVICES & FLAGGERS ACCORDING TO APPLICABLE TRAFFIC CONTROL STANDARDS

**GENERAL NOTES**  
 THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.  
 If applicable. Use if shown on  
 1. applicable multilane Traffic Control and Protection Standard being used.  
 2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.  
 3. WORK ZONE SPEED LIMIT 55 SIGN ASSEMBLY shall be replaced with WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLY where the workers are within 500 feet of the transition.  
 THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

REVISIONS	DESCRIPTION	DATE
No.		

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2018 MOLINE RESURFACING  
 MOLINE, ILLINOIS  
 DISTRICT 2 DETAILS (8)

Missman Project No: B16M001A  
 File Name: B16M001-DISTRICT DETAILS.dwg  
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 Drawn By: MAP  
 Checked By: BSL  
 Date: 01/17/2018

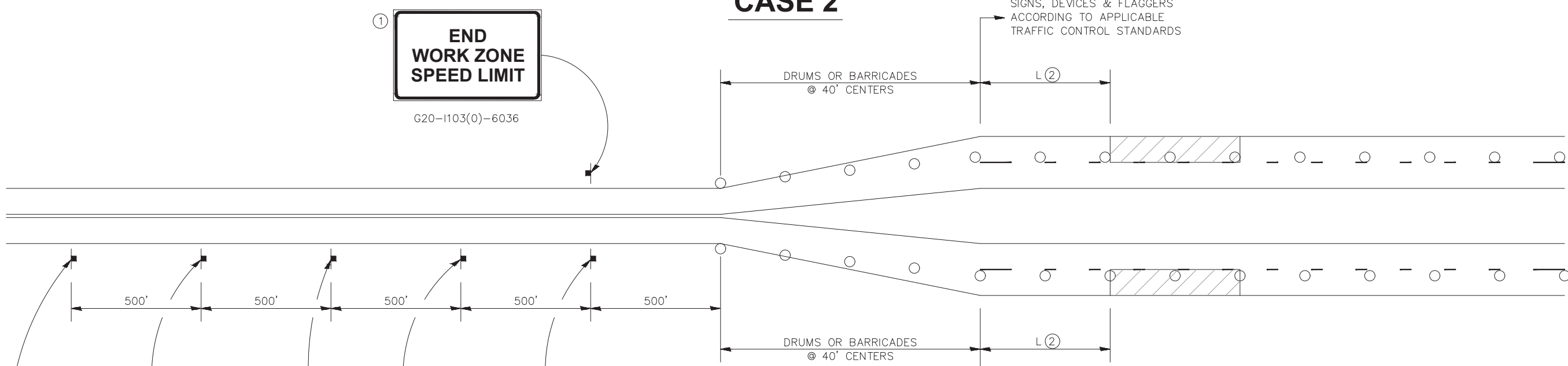
FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 1-05-16
	PLOT SCALE = 3.0909' / in.	DRAWN -	REVISED - 8-27-13
	PLOT DATE = 1/18/2017	CHECKED -	REVISED - 1-16-13
		DATE -	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	CONTRACT NO.		
		FED. ROAD DIST. NO.   ILLINOIS FED. AID PROJECT				

# TRAFFIC CONTROL FOR TRANSITION AREAS

## CASE 2



①  
**END WORK ZONE SPEED LIMIT**  
 G20-1103(0)-6036

**ROAD CONSTRUCTION AHEAD**  
 W20-1(0)-48

①  
 WORK ZONE PUBLIC INFORMATION SIGN

①  
 PORTABLE CHANGEABLE MESSAGE SIGN

**STAY IN YOUR LANE**

①  
 ③  
**WORK ZONE**  
**SPEED LIMIT 55**  
**PHOTO ENFORCED**  
**\$XXX FINE MINIMUM**  
 W2-1115(0)-3618  
 R2-1-3648  
 R10-1108p-3618 (only along roadways under the jurisdiction of the State.)  
 R2-1106-3618


SIGNS, DEVICES & FLAGGERS ACCORDING TO APPLICABLE TRAFFIC CONTROL STANDARDS

SIGNS, DEVICES & FLAGGERS ACCORDING TO APPLICABLE TRAFFIC CONTROL STANDARDS

**GENERAL NOTES**  
 THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD. If applicable, use if shown on

1. applicable multilane Traffic Control and Protection Standard being used.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 SIGN ASSEMBLY shall be replaced with WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLY where the workers are within 500 feet of the transition.

THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

○ DRUMS OR BARRICADES WITH LIGHTS  
 WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

REVISIONS	DESCRIPTION	DATE
No.		

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2018 MOLINE RESURFACING  
 MOLINE, ILLINOIS  
 DISTRICT 2 DETAILS (9)

Missman Project No: B16M001A  
 File Name: B16M001-DISTRICT DETAILS.dwg  
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 Drawn By: MAP  
 Checked By: BSL  
 Date: 01/17/2018

FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 1-05-16
	PLOT SCALE = 3.0909' / in.	DRAWN -	REVISED - 8-27-13
	PLOT DATE = 1/18/2017	CHECKED -	REVISED - 1-16-13
		DATE -	REVISED -

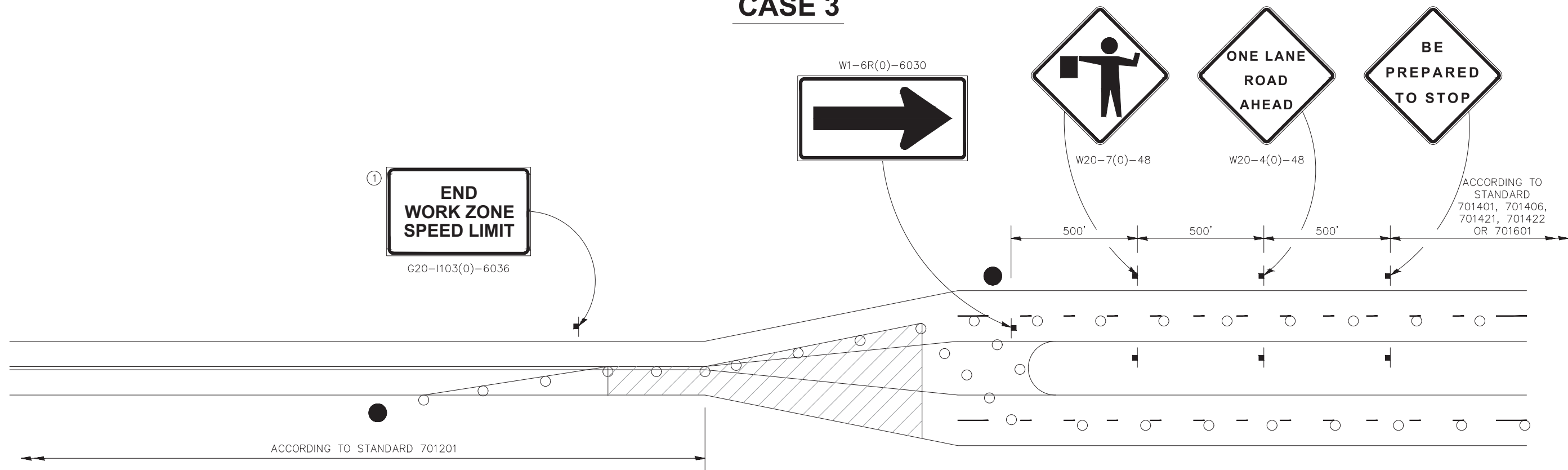
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD	
SCALE:	SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONTRACT NO.				

# TRAFFIC CONTROL FOR TRANSITION AREAS

## CASE 3



- FLAGGER WITH TRAFFIC CONTROL SIGN
- DRUMS OR BARRICADES WITH LIGHTS
- WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

GENERAL NOTES  
THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

If applicable. Use if shown on  
1. applicable multilane Traffic Control and Protection Standard being used.

2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.

3. WORK ZONE SPEED LIMIT 55 SIGN ASSEMBLY shall be replaced with WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLY where the workers are within 500 feet of the transition. THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

REVISIONS	DESCRIPTION	DATE
No.		

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MOLINE, ILLINOIS

DISTRICT 2 DETAILS (10)

Missman Project No:  
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File Name:  
B16M001-DISTRICT DETAILS.dwg

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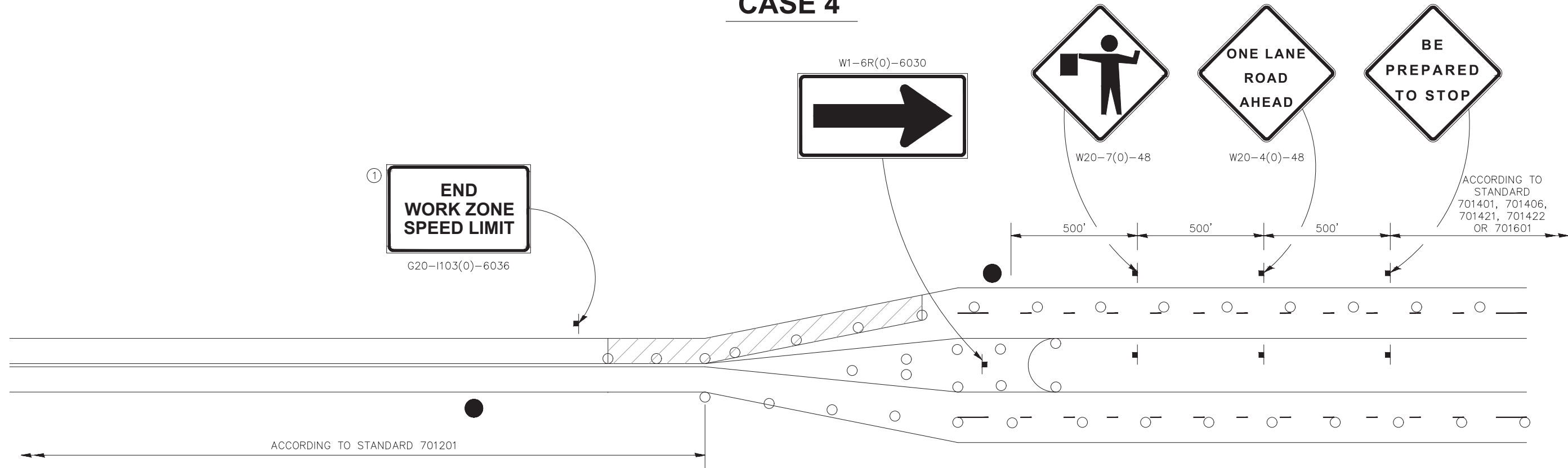
Checked By: BSL

Date: 01/17/2018

FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 1-05-16	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	REGION 2 / DISTRICT 2 STANDARD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 3.0909' / in.	DRAWN -	REVISED - 8-27-13		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO.				
	PLOT DATE = 1/18/2017	CHECKED -	REVISED - 3-05-12		FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT						
		DATE -	REVISED -									

# TRAFFIC CONTROL FOR TRANSITION AREAS

## CASE 4



- FLAGGER WITH TRAFFIC CONTROL SIGN
- DRUMS OR BARRICADES WITH LIGHTS
- WORK AREA

NOTE: STANDARDS 701301 AND 701306 SHALL NOT BE USED WITHIN 500 FEET OF THE TRANSITION.

**GENERAL NOTES**  
 THIS DETAIL IS TO BE USED IN CONJUNCTION WITH THE APPLICABLE MULTILANE TRAFFIC CONTROL AND PROTECTION STANDARD.

1. If applicable. Use if shown on applicable multilane Traffic Control and Protection Standard being used.
2. If the work is within 2500 feet of the transition when the speed is > 40 mph, or 1500 feet for all other speeds, the detail shall be used.
3. WORK ZONE SPEED LIMIT 55 SIGN ASSEMBLY shall be replaced with WORK ZONE SPEED LIMIT 45 SIGN ASSEMBLY where the workers are within 500 feet of the transition. THIS TRAFFIC CONTROL DETAIL SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

REVISIONS	DESCRIPTION	DATE
No.		

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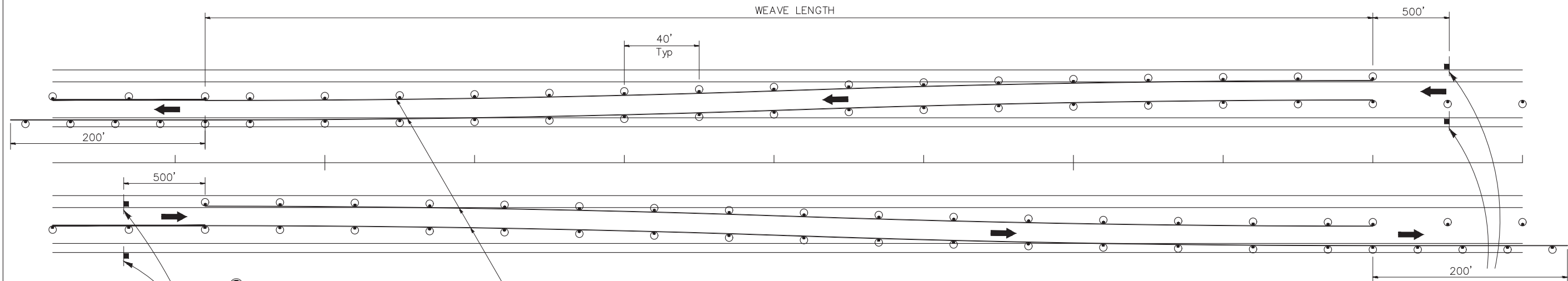
DISTRICT 2 DETAILS (11)

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FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 1-05-16	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	REGION 2 / DISTRICT 2 STANDARD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 3.0909' / in.	DRAWN -	REVISED - 8-27-13		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO.				
	PLOT DATE = 1/18/2017	CHECKED -	REVISED - 3-05-12		FED. ROAD DIST. NO.   ILLINOIS FED. AID PROJECT							
		DATE -	REVISED -									



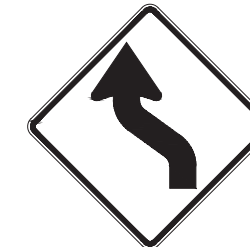
# TRAFFIC CONTROL TYPICAL WEAVE



Temporary Pavement Marking required if Typical Weave is used for 14 days or more.



W1-4R(O)-48



W1-4L(O)-48

### SYMBOLS

- ⊙ DRUM WITH STEADY BURN MONO-DIRECTIONAL LIGHT
- SIGN

### STANDARD WEAVE CONDITIONS FOR DIFFERENT SPEED LIMITS

POSTED SPEED LIMIT	WEAVE LENGTH
65 MPH OR HIGHER	780 FT.
55 MPH	660 FT.
45 MPH	540 FT.

### GENERAL NOTES:

USE ON LONG 4-LANE PROJECTS WHERE THE CONTRACTOR MAY CHANGE A PORTION OF THE WORK TO THE OPPOSITE LANE.

USE WHERE THE PROJECT IS ADJACENT TO ANOTHER AND THE CONTRACTOR COULD BE WORKING ON DIFFERENT LANES.

TEMPORARY PAVEMENT MARKING SHALL BE USED WHEN TYPICAL WEAVE IS USED FOR 14 DAYS OR MORE.

TRAFFIC CONTROL TYPICAL WEAVE SHALL BE INCLUDED IN THE COST OF THE SPECIFIC TRAFFIC CONTROL STANDARDS OF ITEMS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED —	REVISED — 1-05-16
	PLOT SCALE = 3.0909' / in.	DRAWN —	REVISED — 6-27-14
	PLOT DATE = 1/18/2017	CHECKED —	REVISED — 8-27-13
		DATE —	REVISED — 10-17-11

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

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

TRAFFIC CONTROL TYPICAL WEAVE 39.1

REVISIONS	DESCRIPTION	DATE
No.		

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2018 MOLINE RESURFACING  
MOLINE, ILLINOIS  
DISTRICT 2 DETAILS (12)

Missman Project No:  
B16M001A

File Name:  
B16M001-DISTRICT DETAILS.dwg

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Field Book No:

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Checked By: BSL

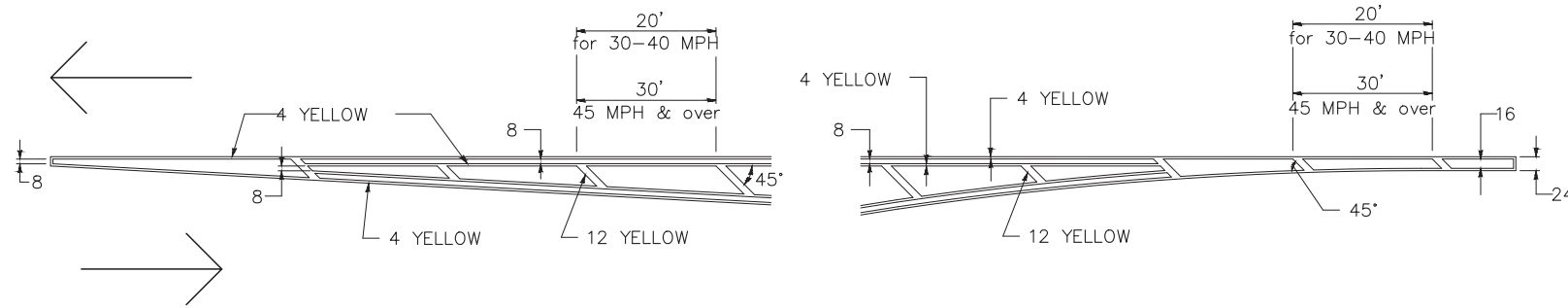
Date: 01/17/2018

149

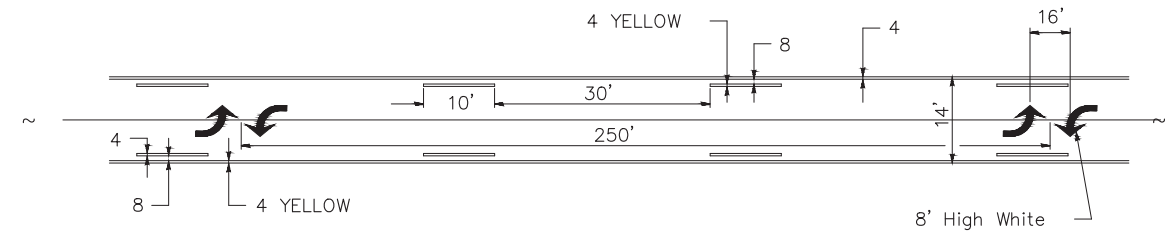
Sheet 149 of 152

# TYPICAL PAVEMENT MARKINGS

## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

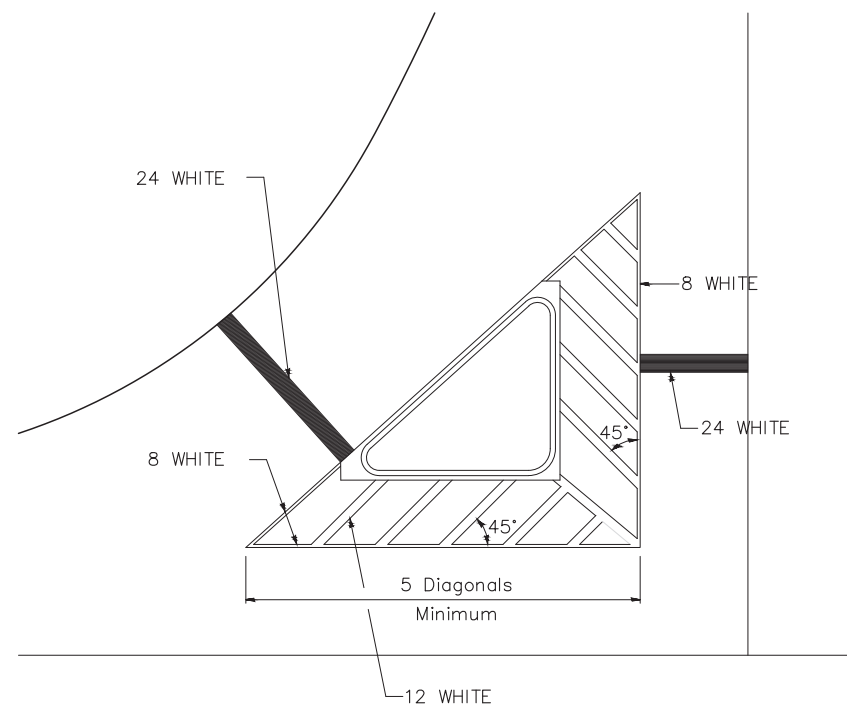


## MEDIAN PAVEMENT MARKING



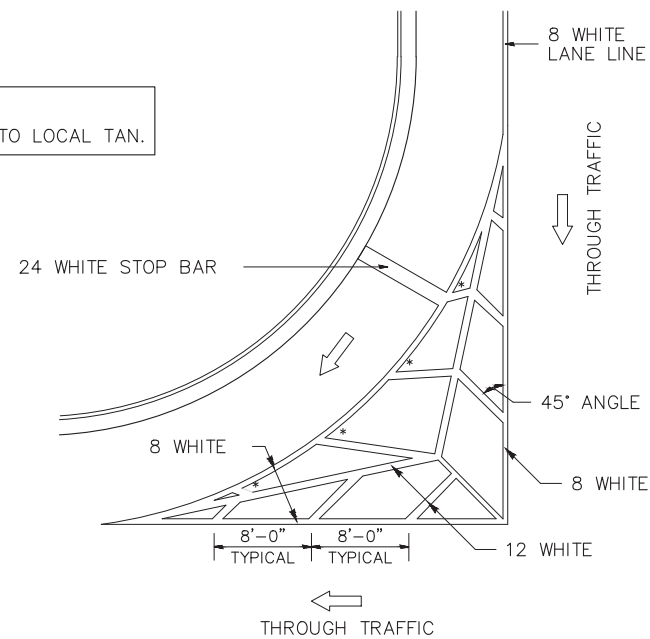
\*\* ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

## TYPICAL ISLAND OFFSET SHOULDER WIDTH



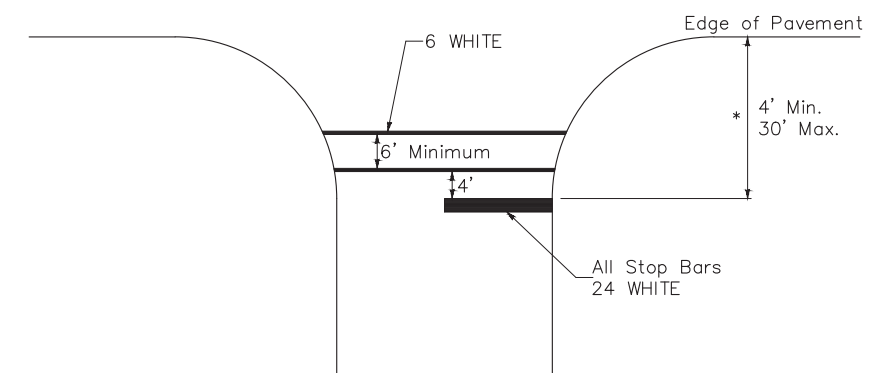
## TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:  
\* 45° TO LOCAL TAN.



## STANDARD CROSSWALK MARKING

See Schedules for Locations



\* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED —	REVISED — 6-27-14
		DRAWN —	REVISED — 3-05-12
	PLOT SCALE = 3.0909' / in.	CHECKED —	REVISED —
	PLOT DATE = 1/18/2017	DATE —	REVISED —

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

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

TYPICAL PAVEMENT MARKINGS SHEET 1 OF 3 41.1

REVISIONS	DESCRIPTION	DATE
No.		

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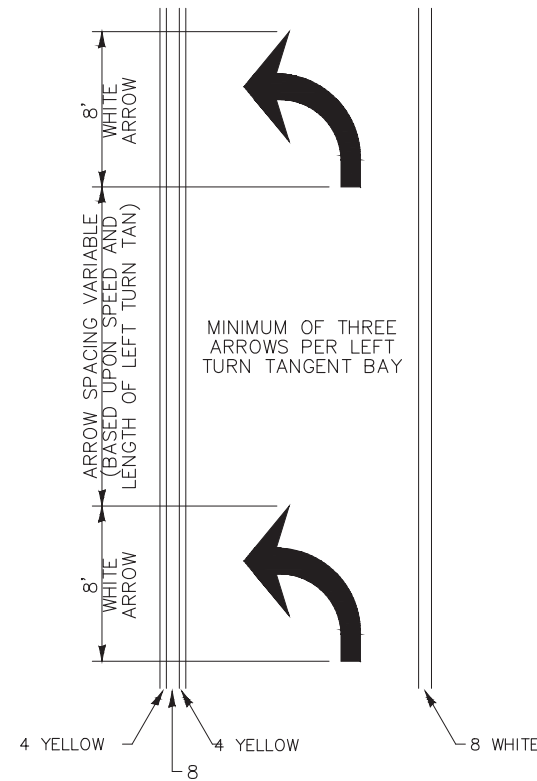
2018 MOLINE RESURFACING  
MOLINE, ILLINOIS  
DISTRICT 2 DETAILS (13)

Missman Project No:  
B16M001A  
File Name:  
B16M001-DISTRICT DETAILS.dwg  
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Drawn By: MAP  
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Date: 01/17/2018

150  
Sheet 150 of 152

# TYPICAL PAVEMENT MARKINGS

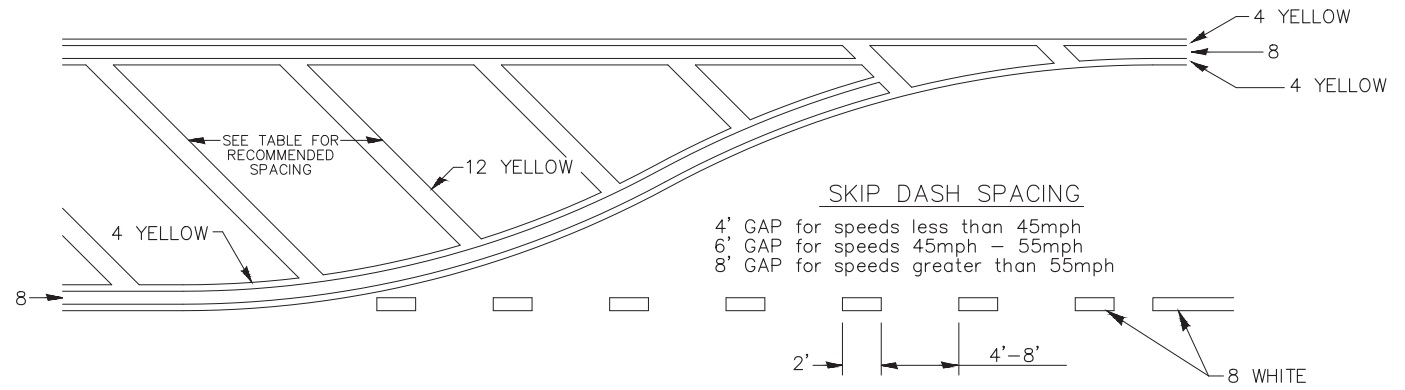
## ARROW LAYOUT



- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

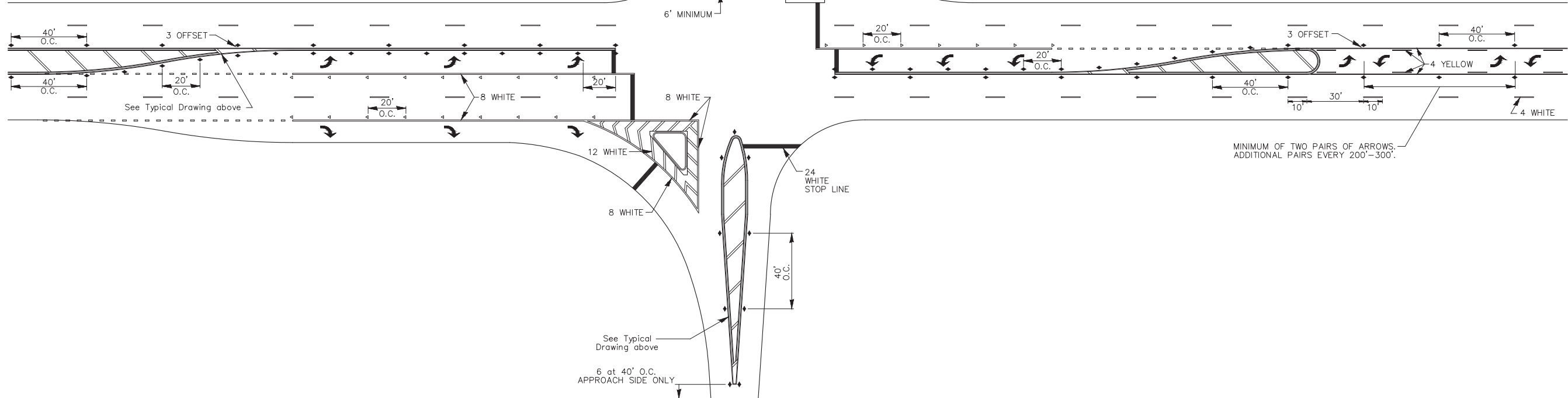
## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



### RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 6-27-14
		DRAWN -	REVISED - 3-05-12
	PLOT SCALE = 3.0909' / in.	CHECKED -	REVISED -
	PLOT DATE = 1/18/2017	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

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

TYPICAL PAVEMENT MARKINGS SHEET 2 OF 3 41.1

REVISIONS	DESCRIPTION	DATE
No.		

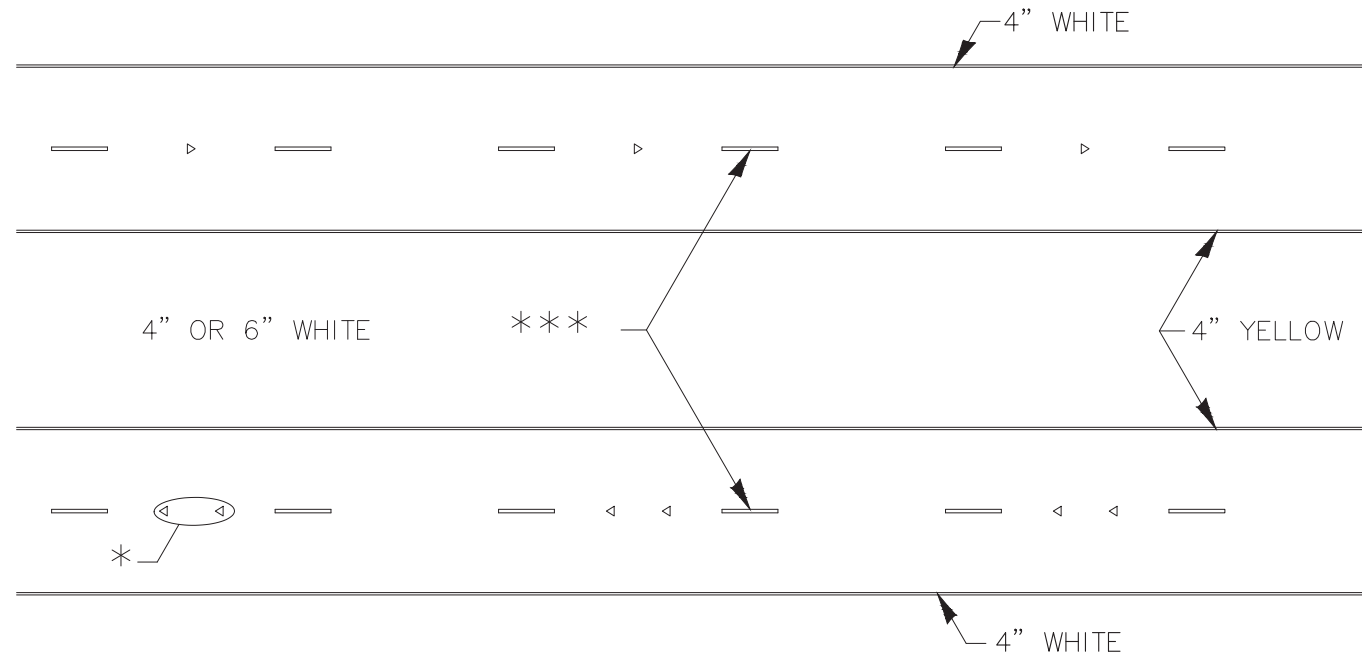
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2018 MOLINE RESURFACING  
MOLINE, ILLINOIS  
DISTRICT 2 DETAILS (14)

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File Name:  
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Drawn By: MAP  
Checked By: BSL  
Date: 01/17/2018

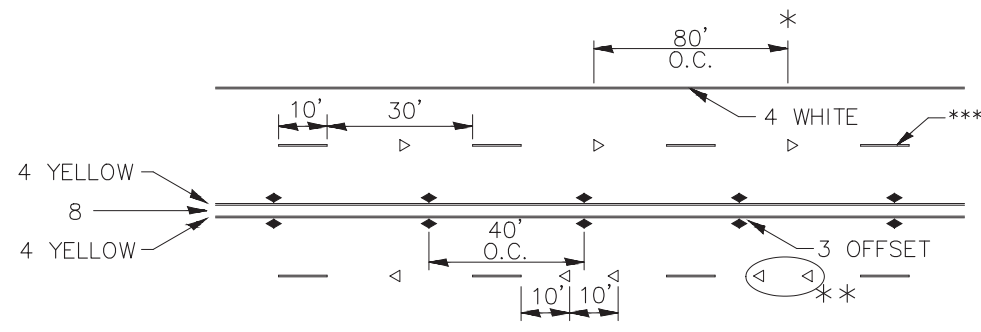
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# TYPICAL PAVEMENT MARKINGS



\* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS. USE DOUBLE MARKERS WHEN ADT > 20,000.

## MULTI-LANE / DIVIDED



\* REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

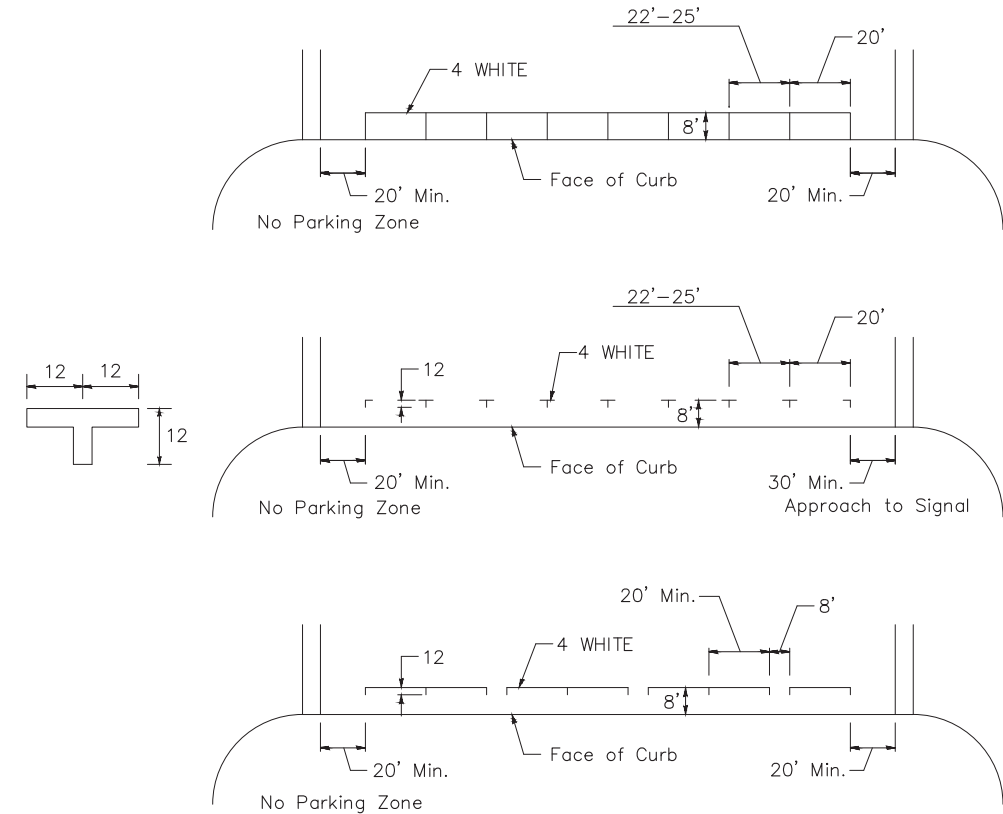
\*\* USE DOUBLE MARKERS WHEN ADT > 20,000

\*\*\* CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

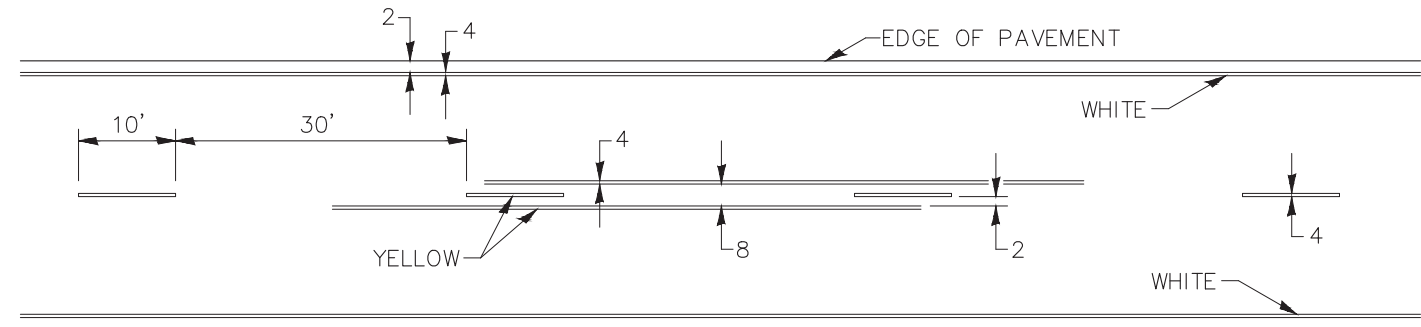
## MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS DETAIL NOT HIGHWAY STANDARD 781001)

## TYPICAL PARKING SPACING



## TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION - NO PASSING ZONES



## SYMBOLS

FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 6-27-14
	PLOT SCALE = 3.0909' / in.	DRAWN -	REVISED - 8-27-13
	PLOT DATE = 1/18/2017	CHECKED -	REVISED - 11-28-12
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET NO. OF SHEETS STA. TO STA.

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

TYPICAL PAVEMENT MARKINGS SHEET 3 OF 3 41.1

REVISIONS	DESCRIPTION	DATE
No.		

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2018 MOLINE RESURFACING  
MOLINE, ILLINOIS  
DISTRICT 2 DETAILS (15)

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