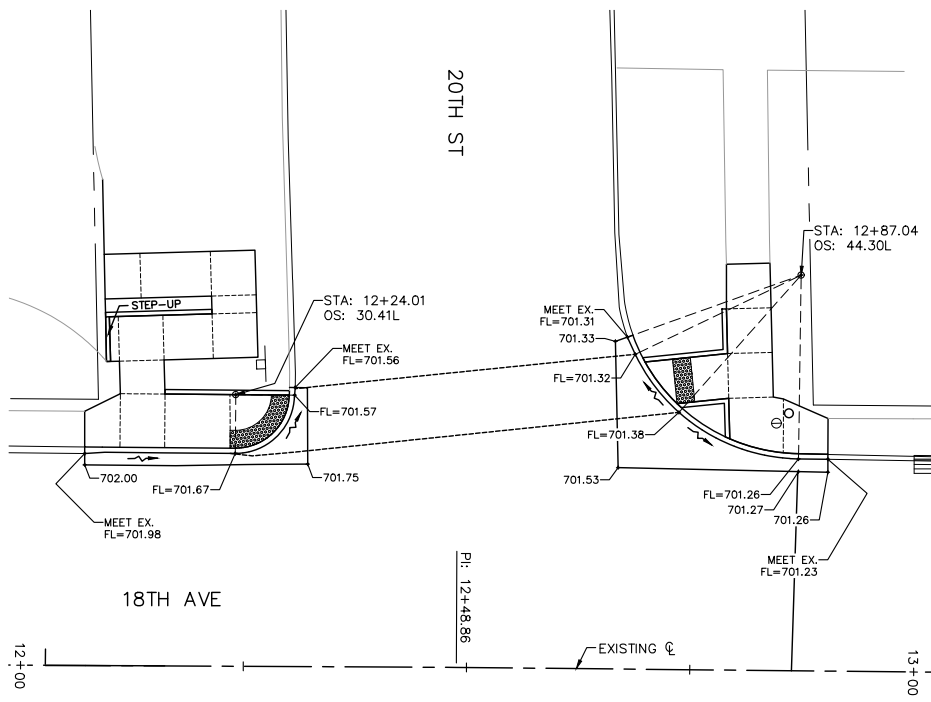
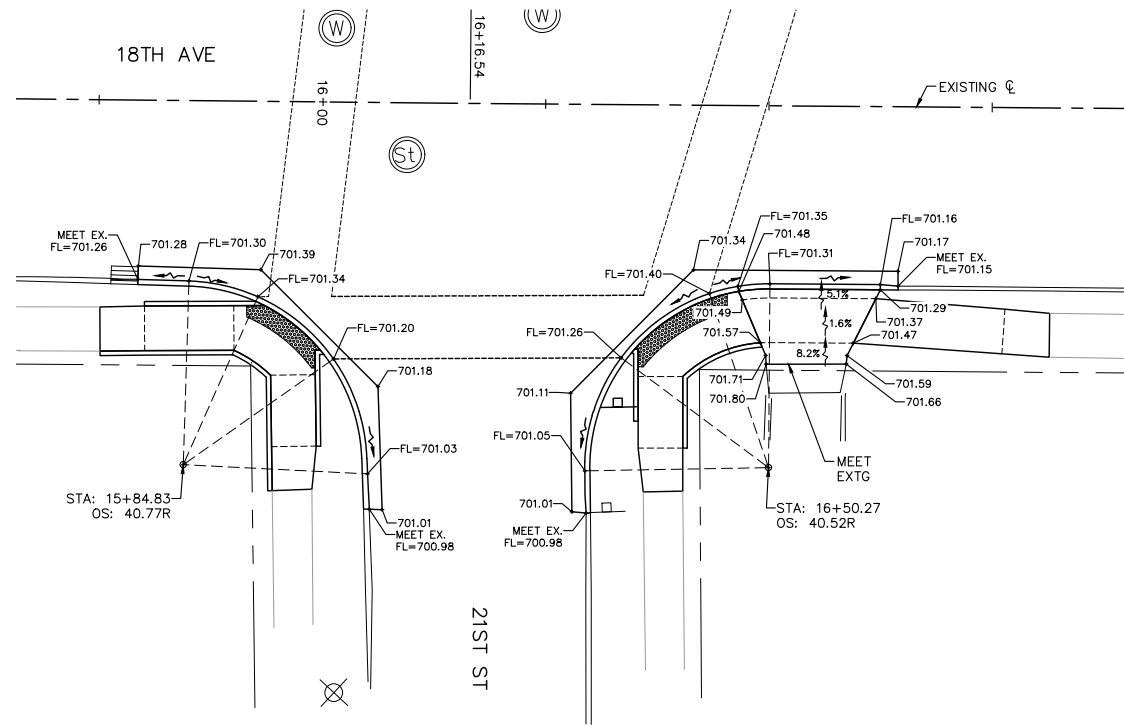


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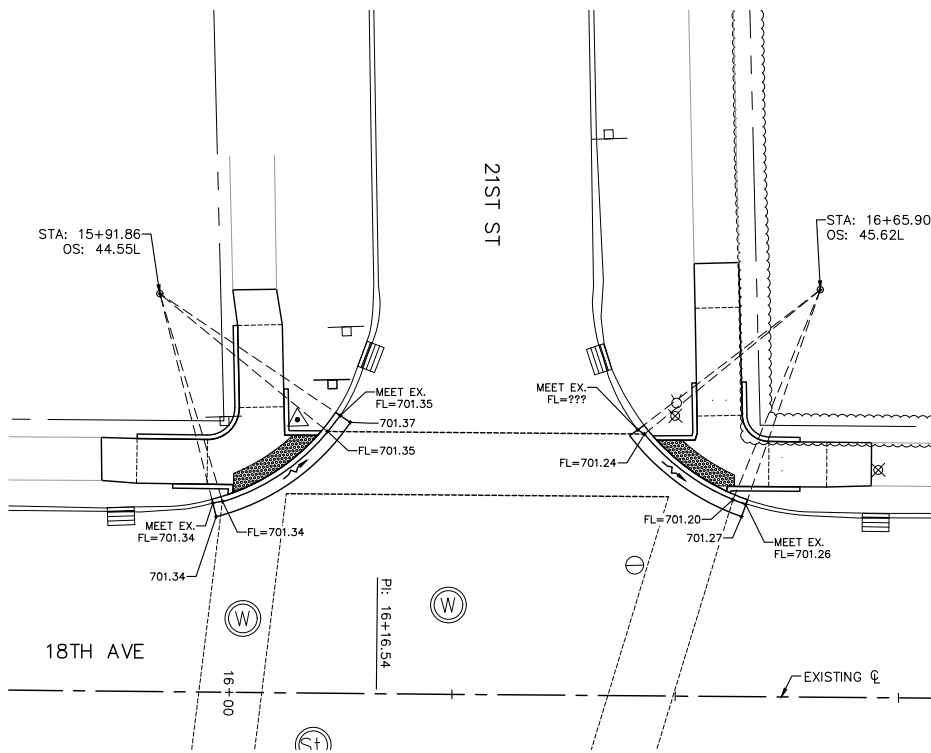
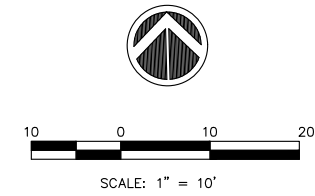
**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 12+50 LEFT, 20TH ST INTERSECTION**



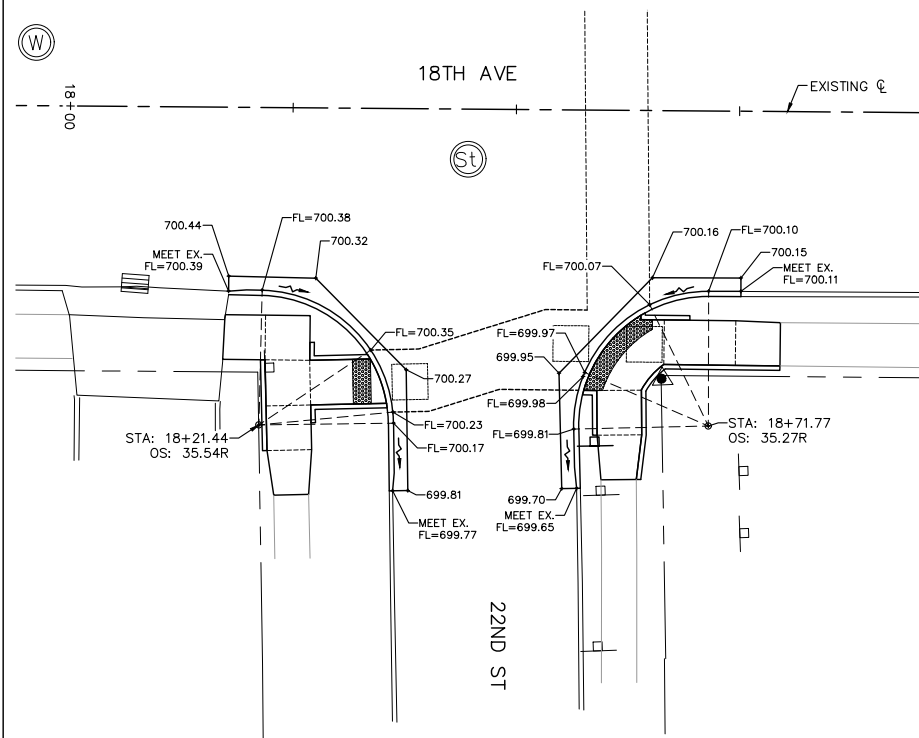
**SIDE STREETS GUTTER FLOWLINE & DRIVEWAY ELEVATIONS
STA. 16+16 RIGHT, 21ST ST INTERSECTION**

GENERAL NOTE:

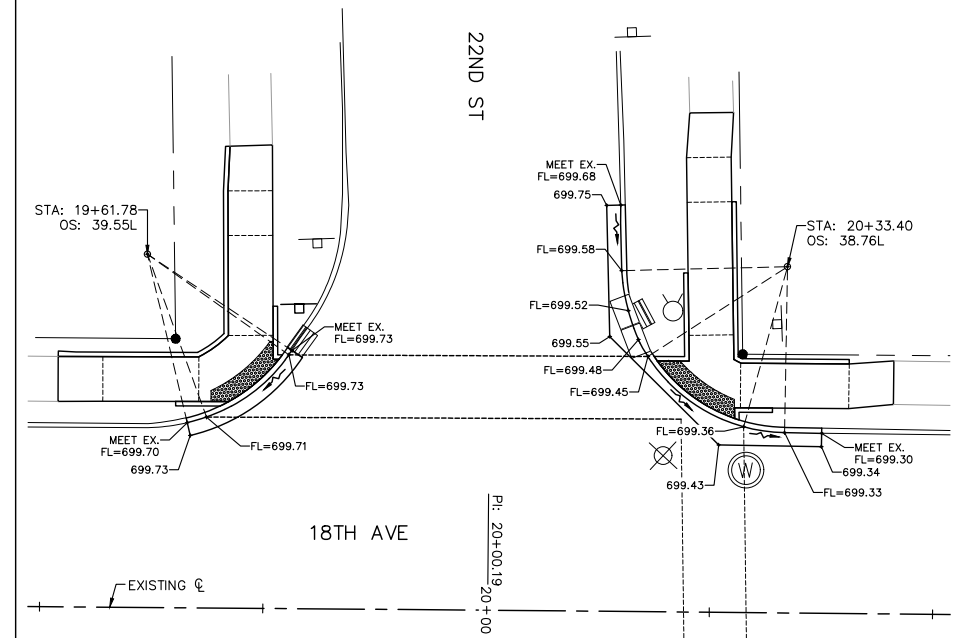
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**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 16+27 LEFT, 21ST ST INTERSECTION**



**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 16+45 RIGHT, 22ND ST INTERSECTION**



**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 20+00 LEFT, 22ND ST INTERSECTION**

REVISIONS	DESCRIPTION	DATE
No. 1	REVISED PER 2.8.18 IDOT REVIEW	3.1.18

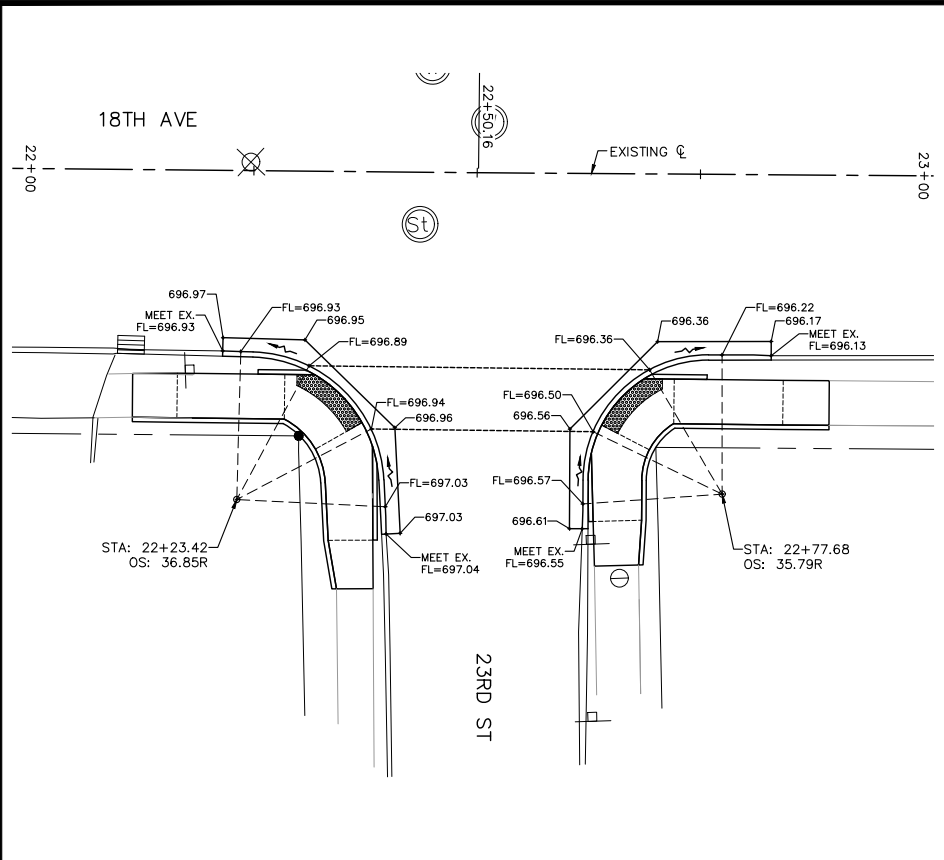
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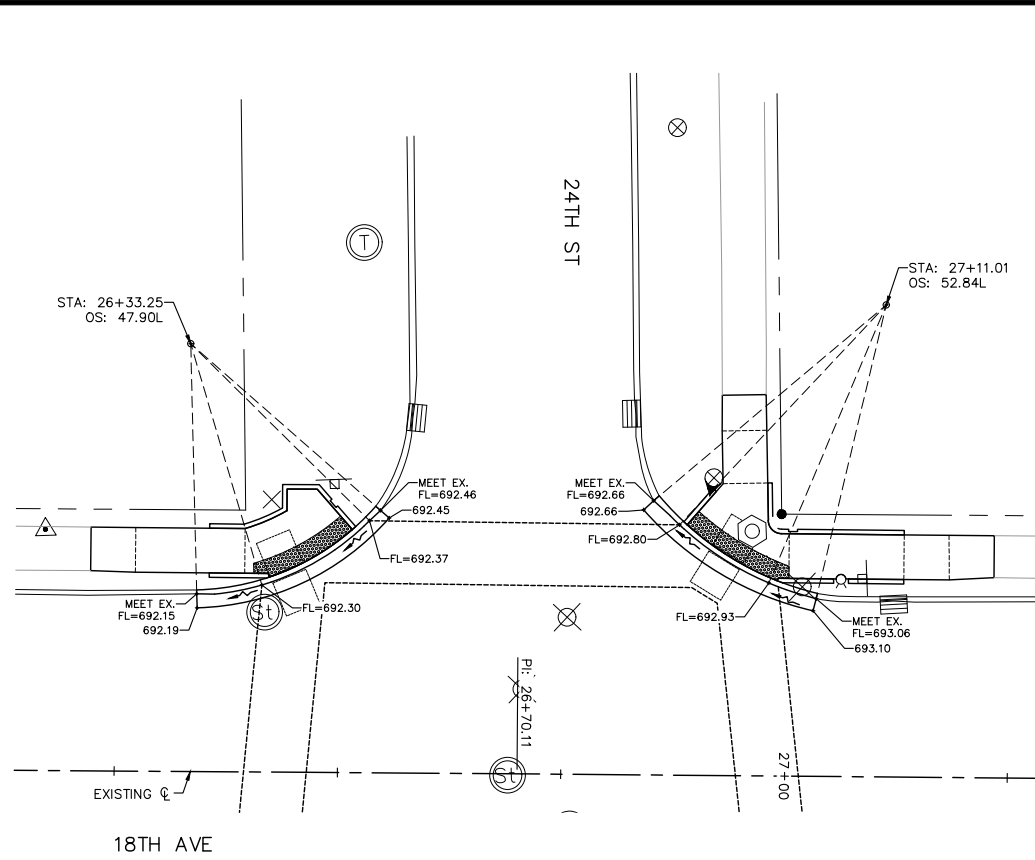
**18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
GUTTER FLOWLINE ELEVATIONS
SIDE STREETS**

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File Name:	A15M006A-GUTTER FL ELEVATIONS.dwg
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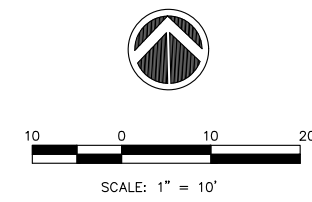
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**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 22+50 RIGHT, 23RD ST INTERSECTION**

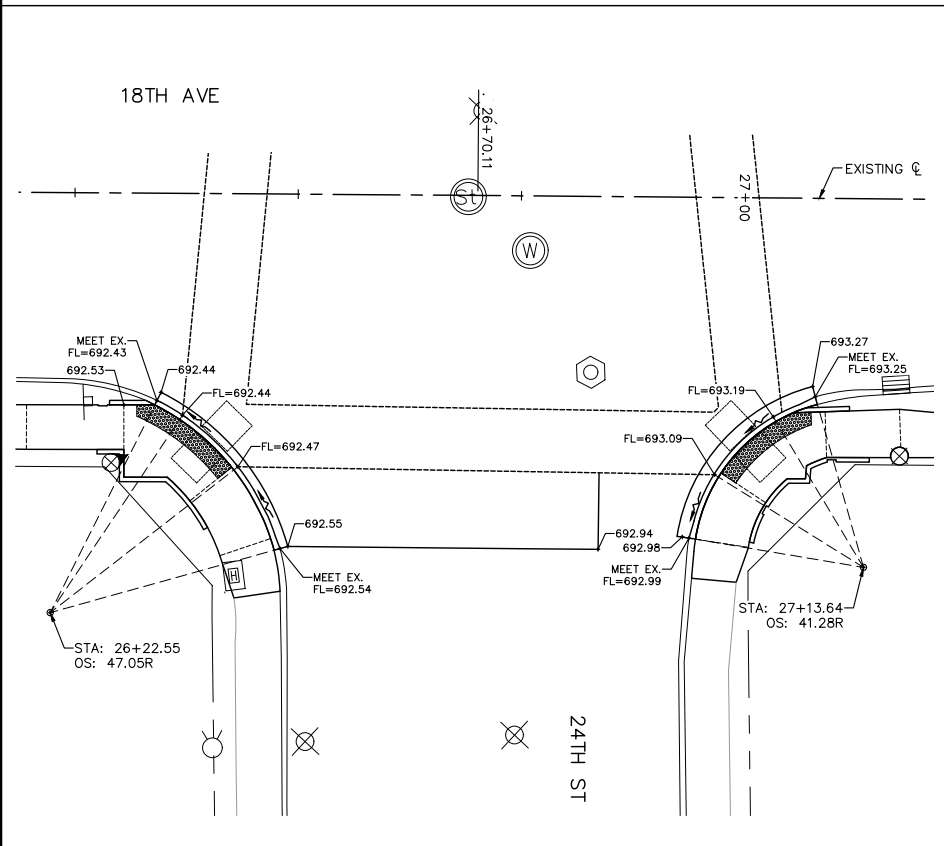


**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 26+70 LEFT, 24TH ST INTERSECTION**

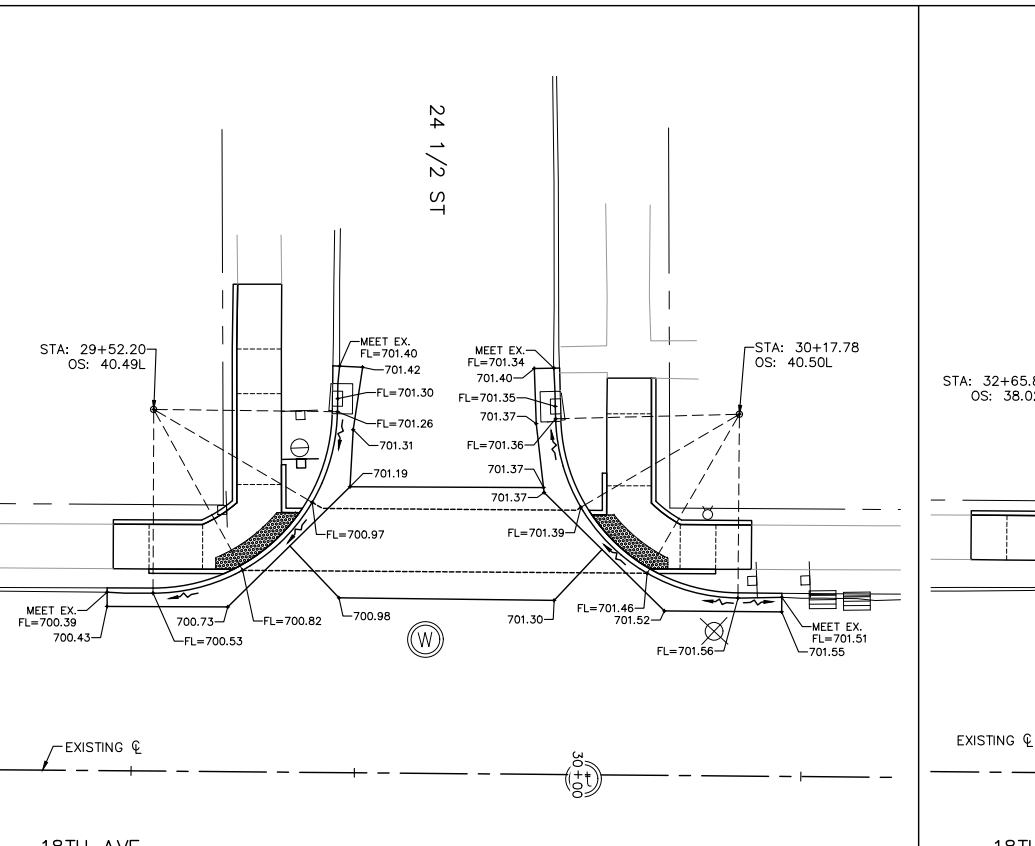


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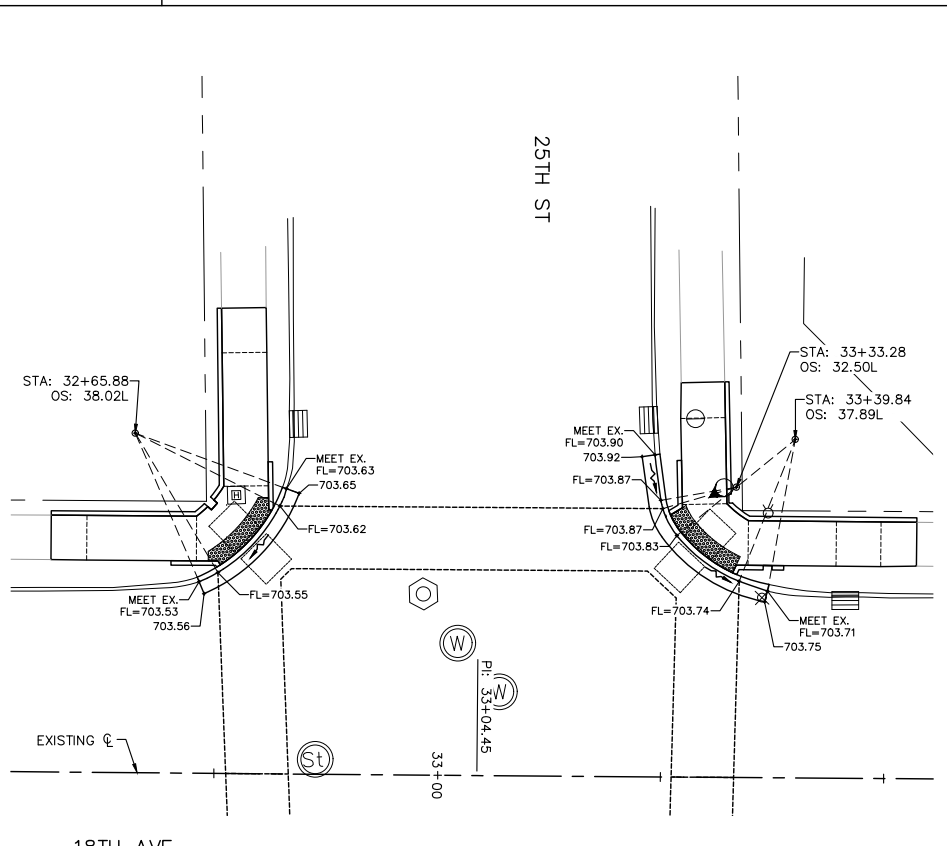
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**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 26+70 RIGHT, 24TH ST INTERSECTION**



**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 29+85 LEFT, 24 1/2 ST INTERSECTION**



**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 33+04 LEFT, 25TH ST INTERSECTION**

REVISIONS	
No.	DESCRIPTION
1	REVISED PER 2.8.18 IDOT REVIEW
	DATE 3.1.18

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SIDE STREETS**

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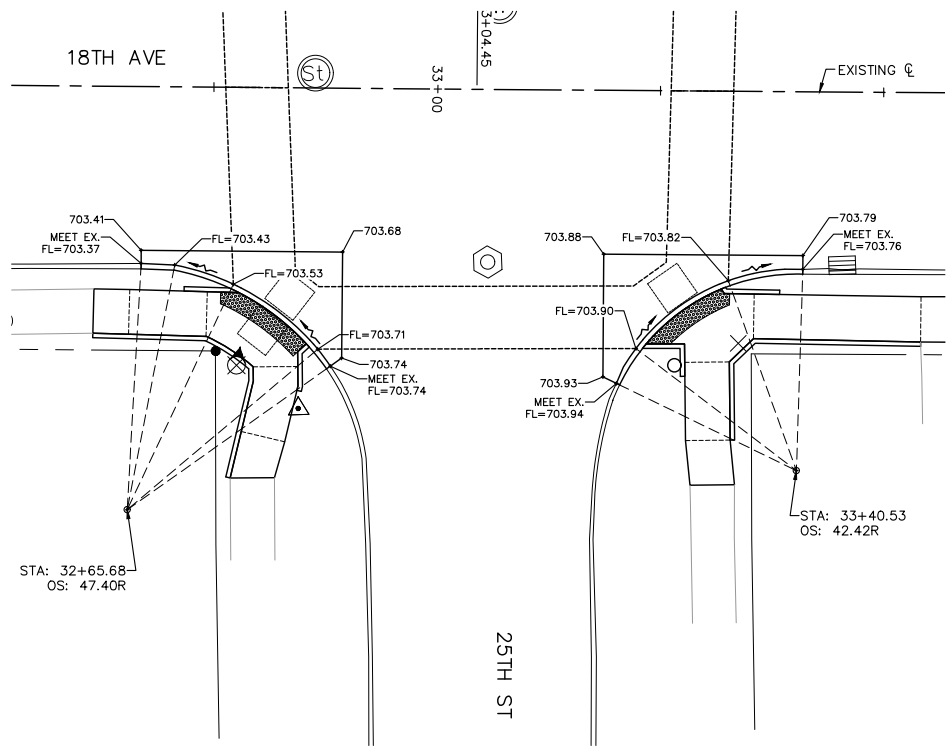
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Date: 2/5/2018

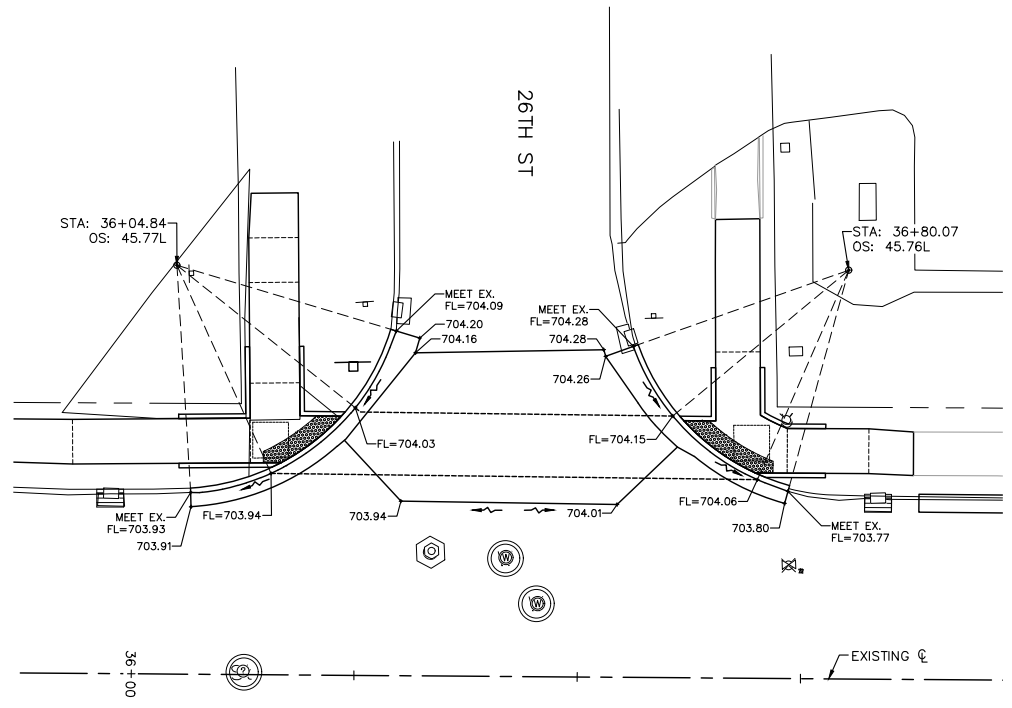
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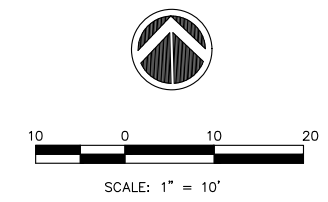
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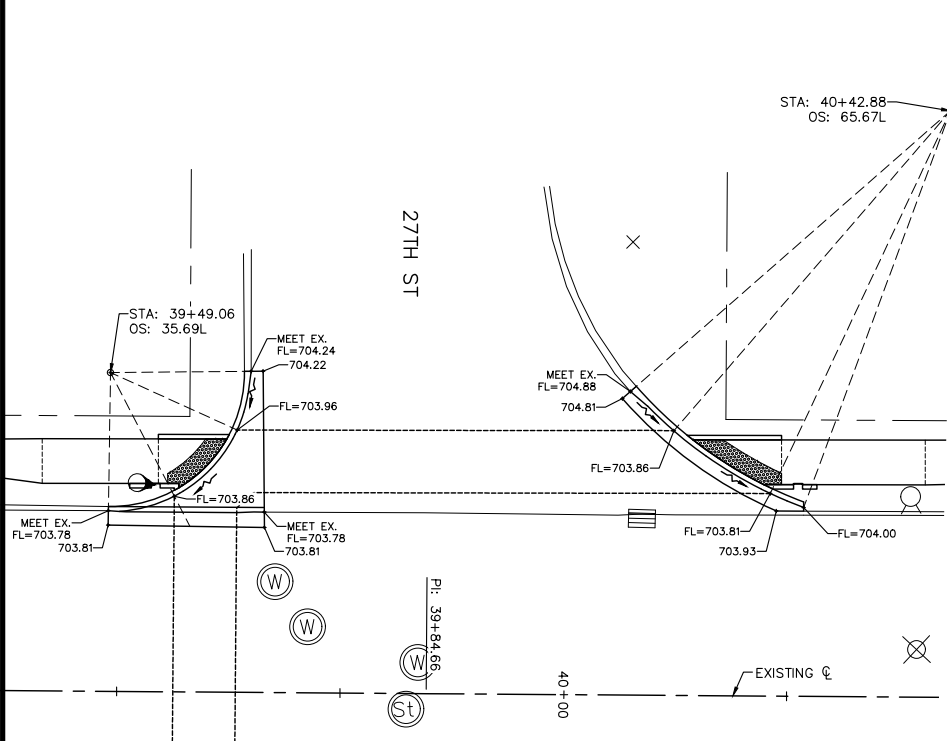
**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 33+04 RIGHT, 25TH ST INTERSECTION**



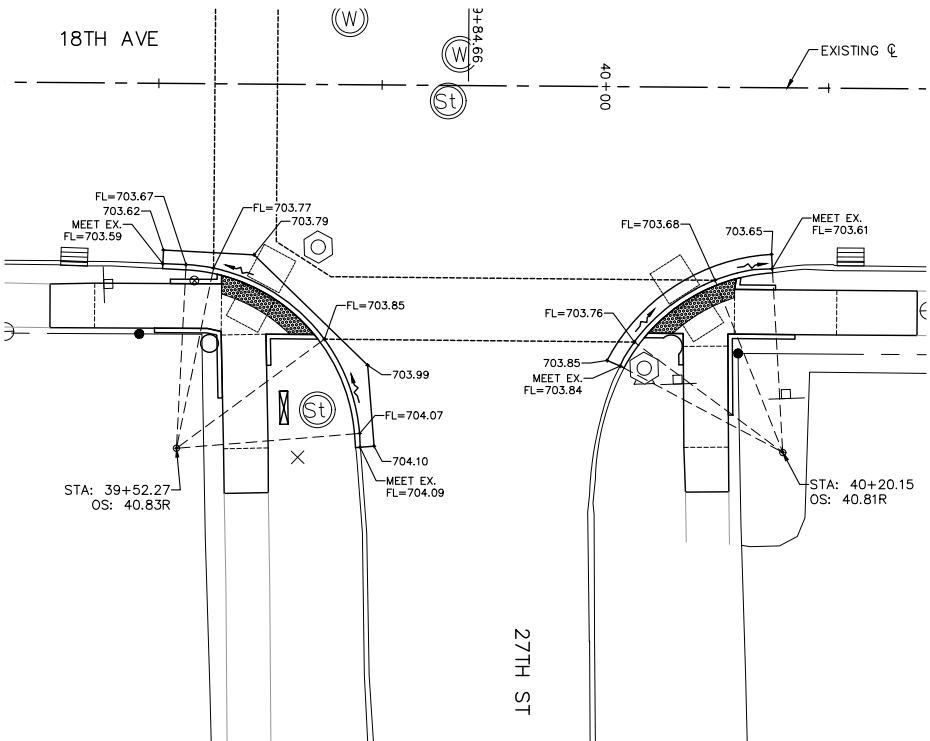
**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 36+40 LEFT, 26TH ST INTERSECTION**



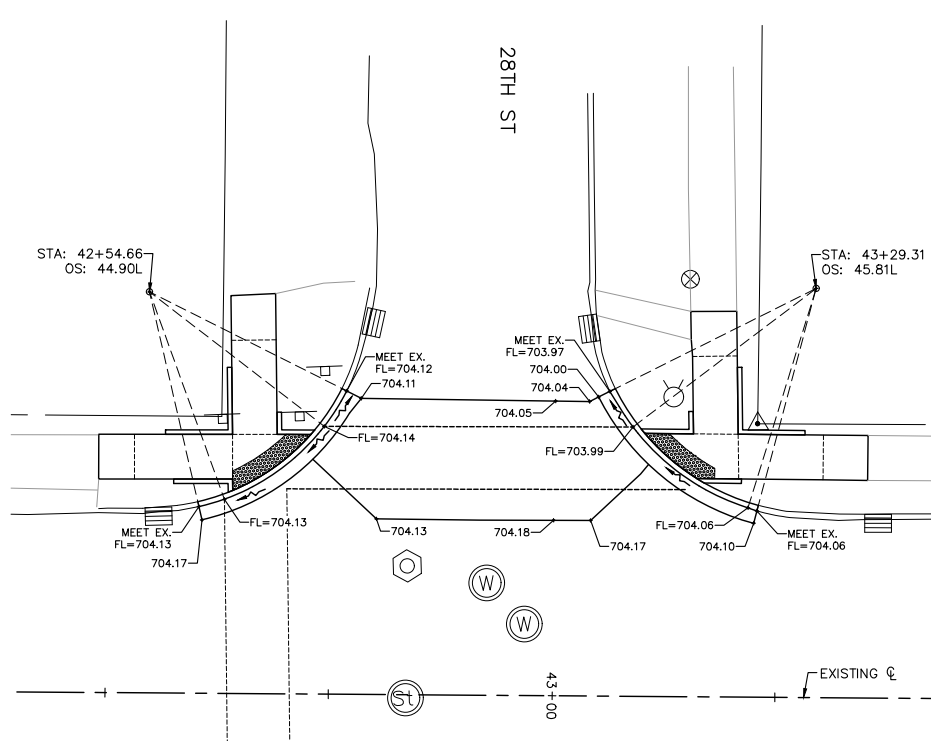
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**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 39+85 LEFT, 27TH ST INTERSECTION**



**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 39+85 RIGHT, 27TH ST INTERSECTION**



**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 42+91 LEFT, 28TH ST INTERSECTION**

REVISIONS	
No.	DESCRIPTION
1	REVISED PER 2.8.18 IDOT REVIEW
	DATE 3.1.18

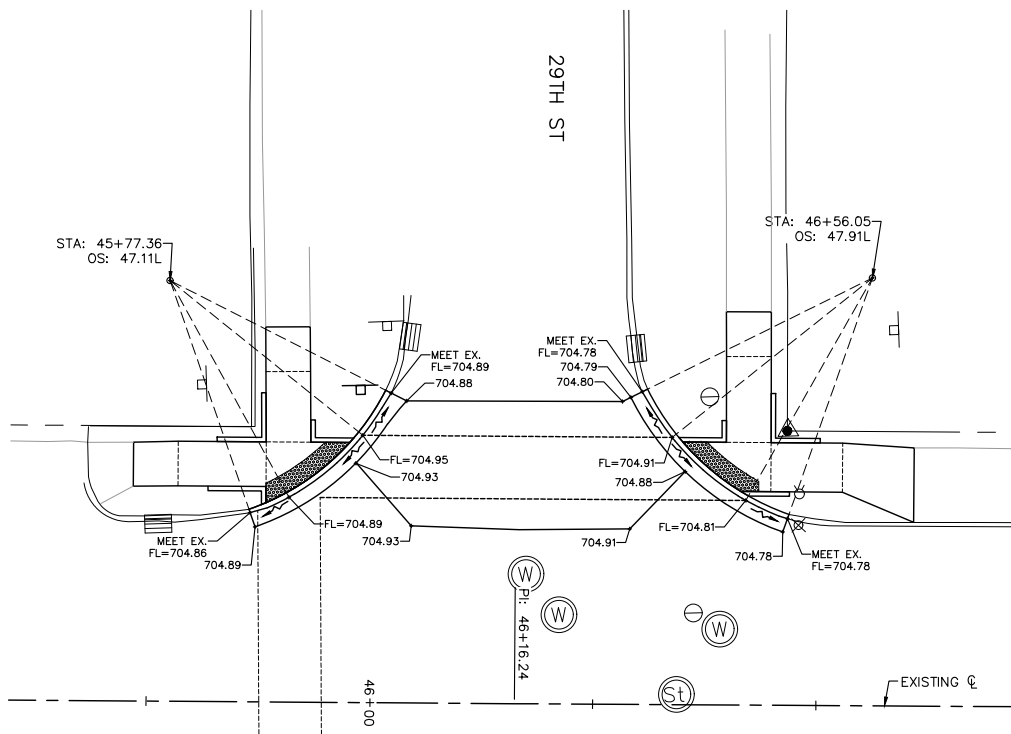
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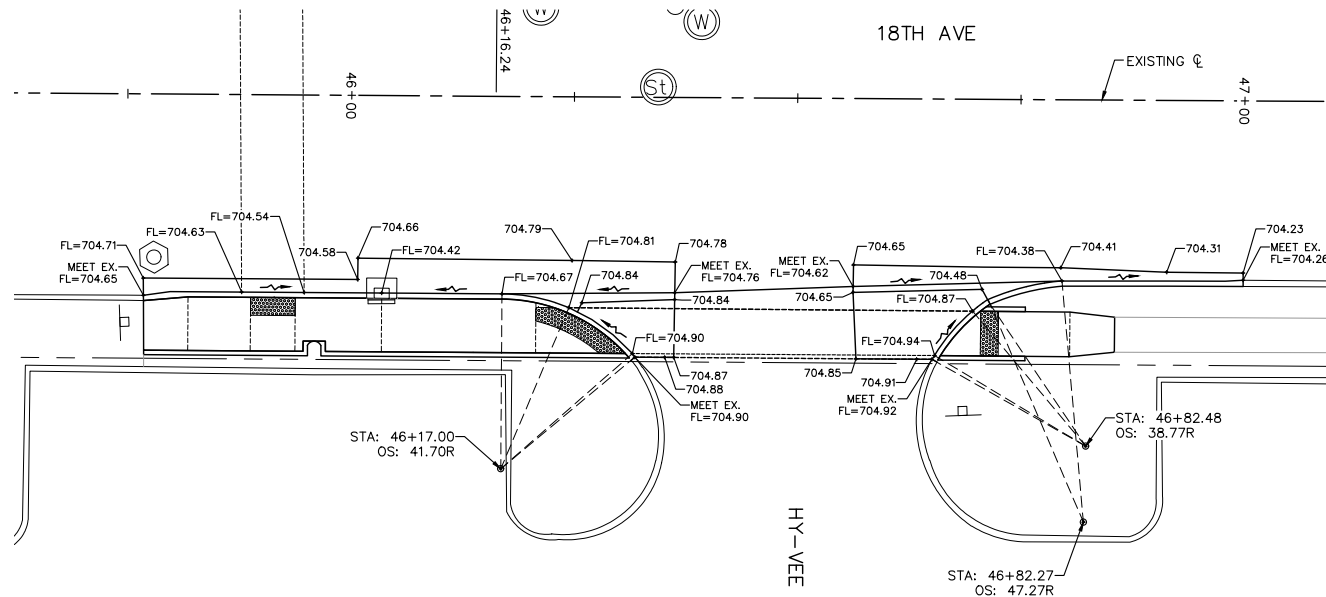
**18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
GUTTER FLOWLINE ELEVATIONS
SIDE STREETS**

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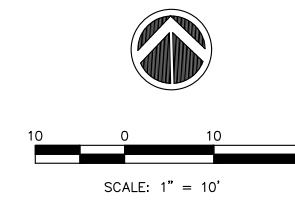
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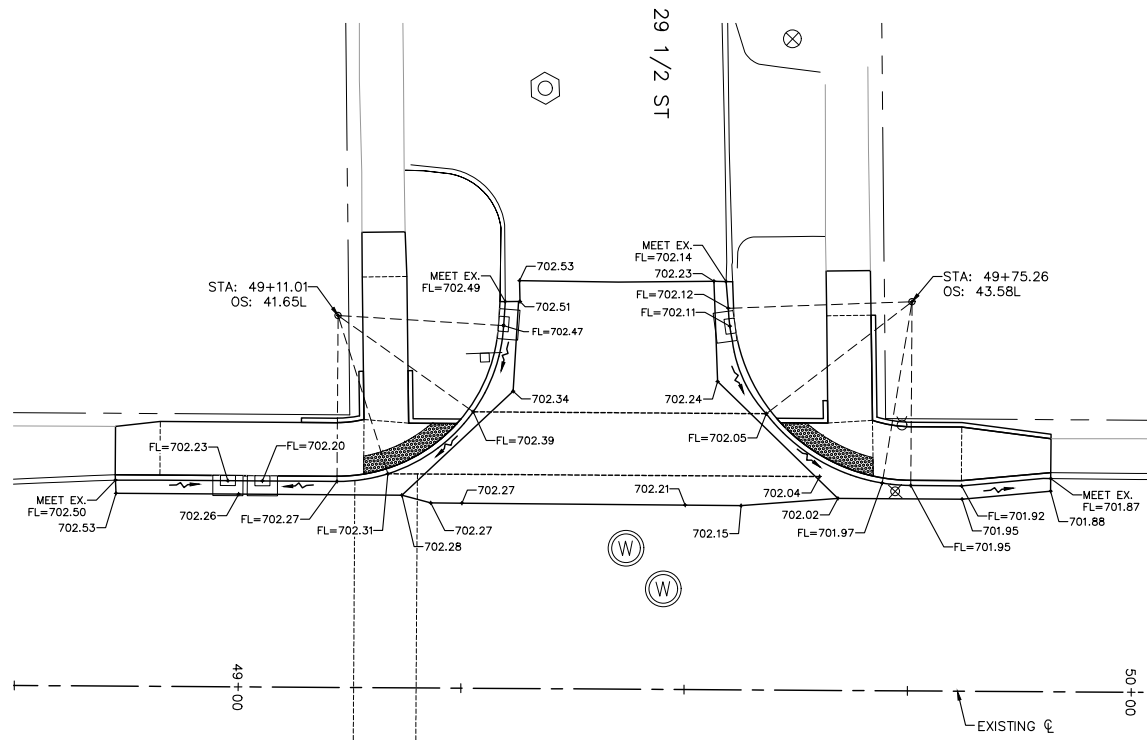
18TH AVE
**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
 STA. 46+16 LEFT, 29TH ST INTERSECTION**



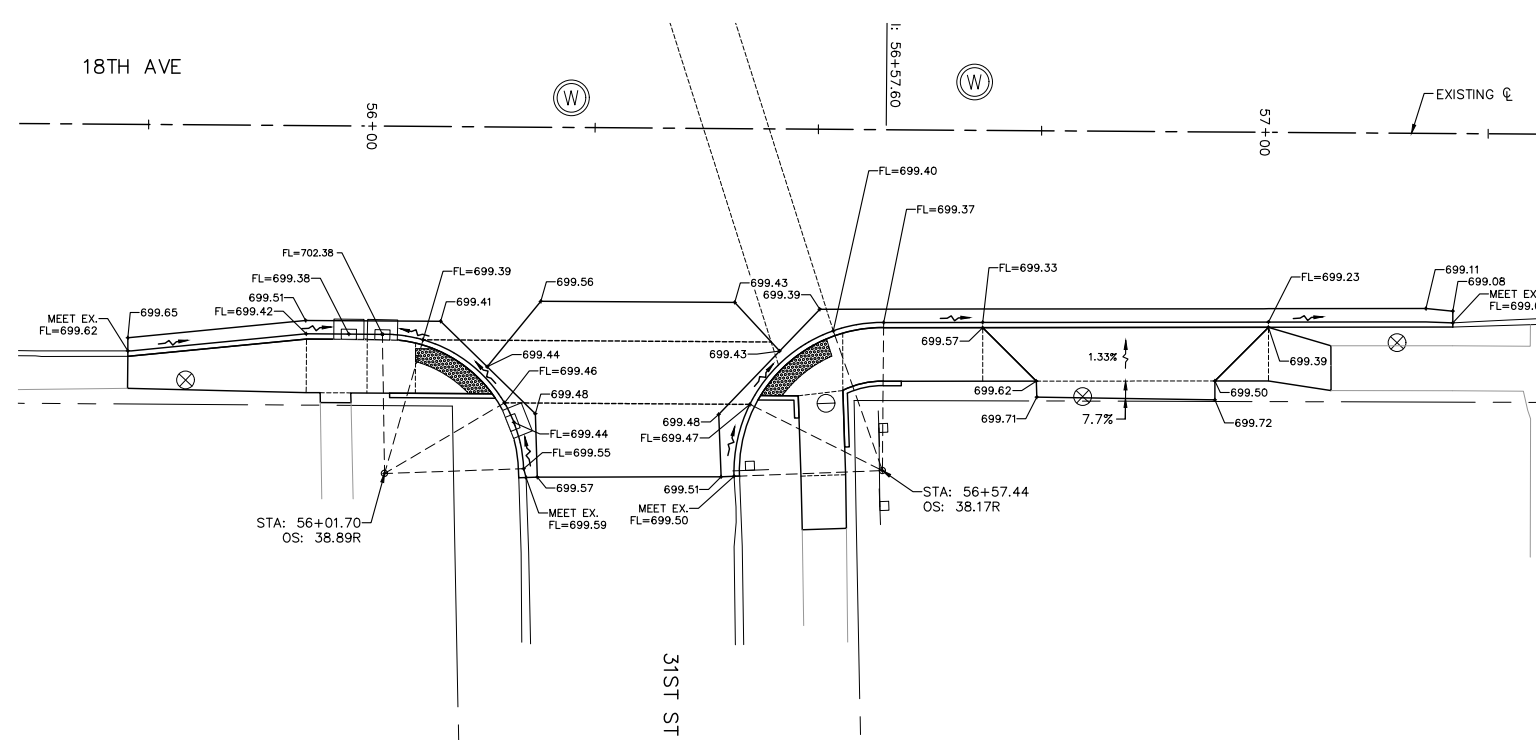
18TH AVE
**SIDE STREETS GUTTER FLOWLINE & DRIVEWAY ELEVATIONS
 STA. 46+50 RIGHT, HY-VEE ENTRANCE INTERSECTION**



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18TH AVE
**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
 STA. 49+42 LEFT, 29 1/2 ST INTERSECTION**



18TH AVE
**SIDE STREETS GUTTER FLOWLINE & DRIVEWAY ELEVATIONS
 STA. 56+29 RIGHT, 31ST ST INTERSECTION**

NO.	REVISIONS	DESCRIPTION	DATE
1	REVISED PER 2.8.18	IDOT REVIEW	3.1.18

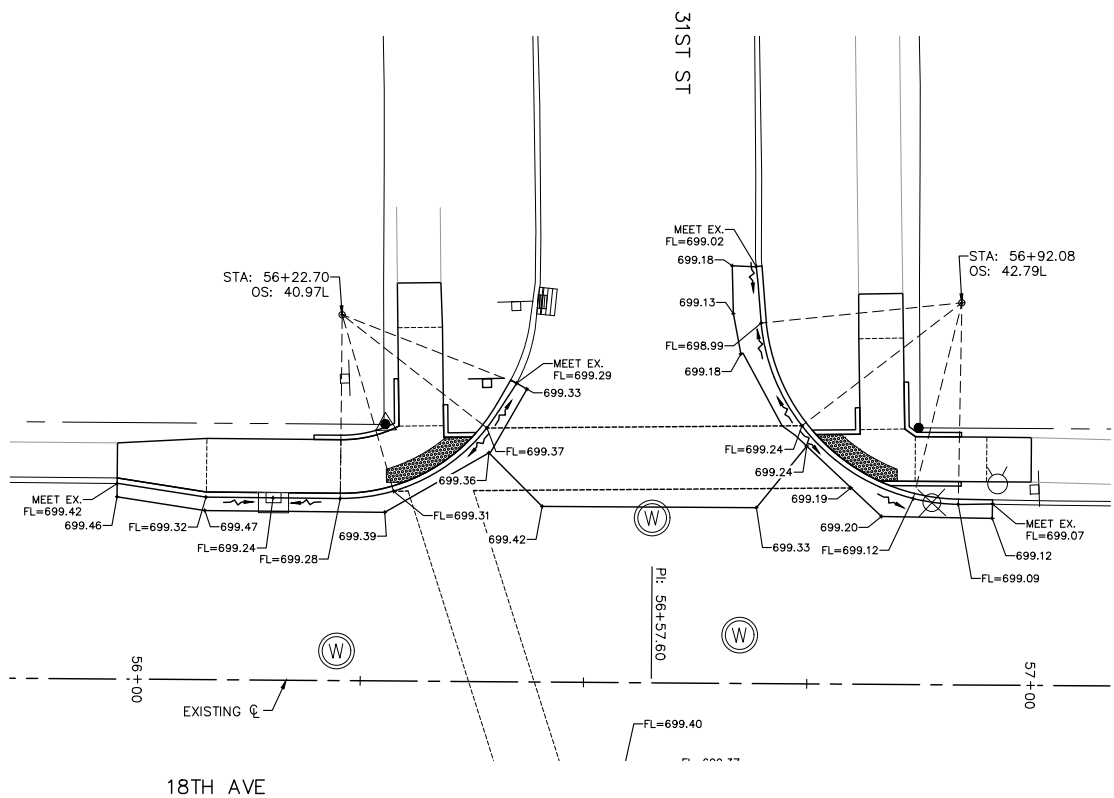
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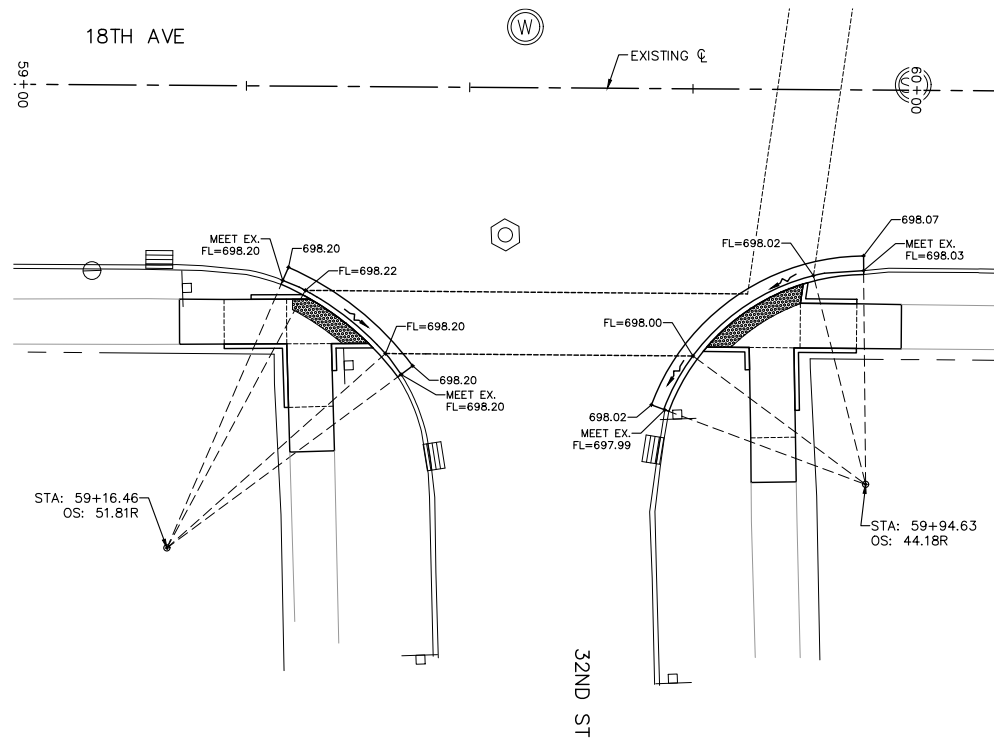
**18TH AVE FUNCTIONAL MILL & OVERLAY
 ROCK ISLAND, ILLINOIS
 GUTTER FLOWLINE ELEVATIONS
 SIDE STREETS**

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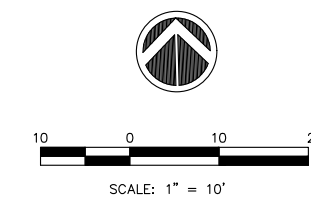
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**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 56+58 LEFT, 31ST ST INTERSECTION**



**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 59+58 RIGHT, 32ND ST INTERSECTION**

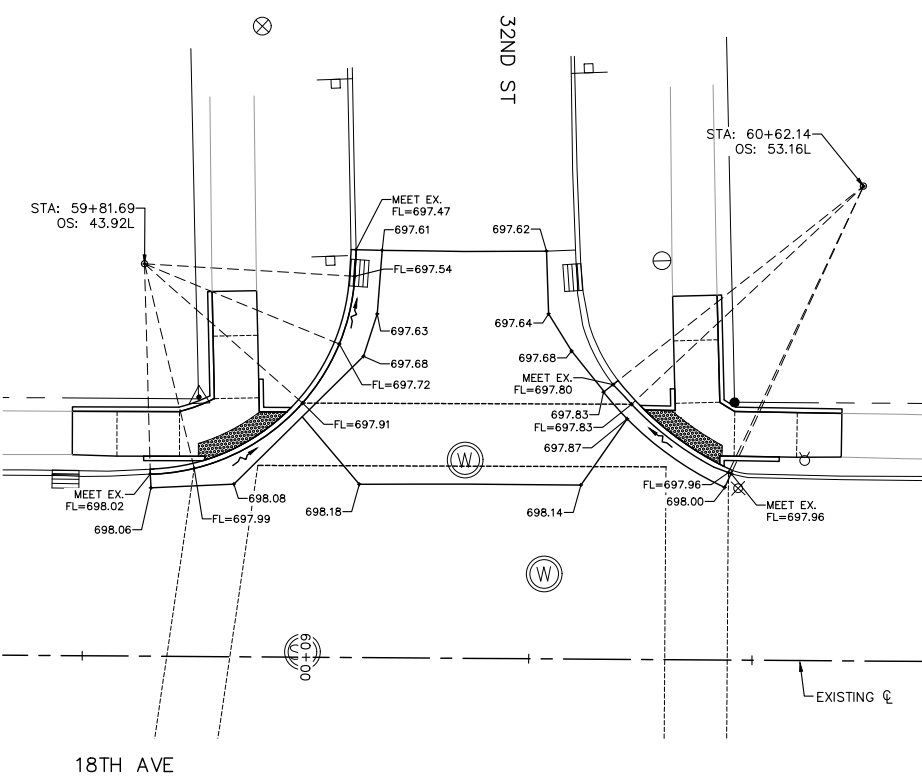


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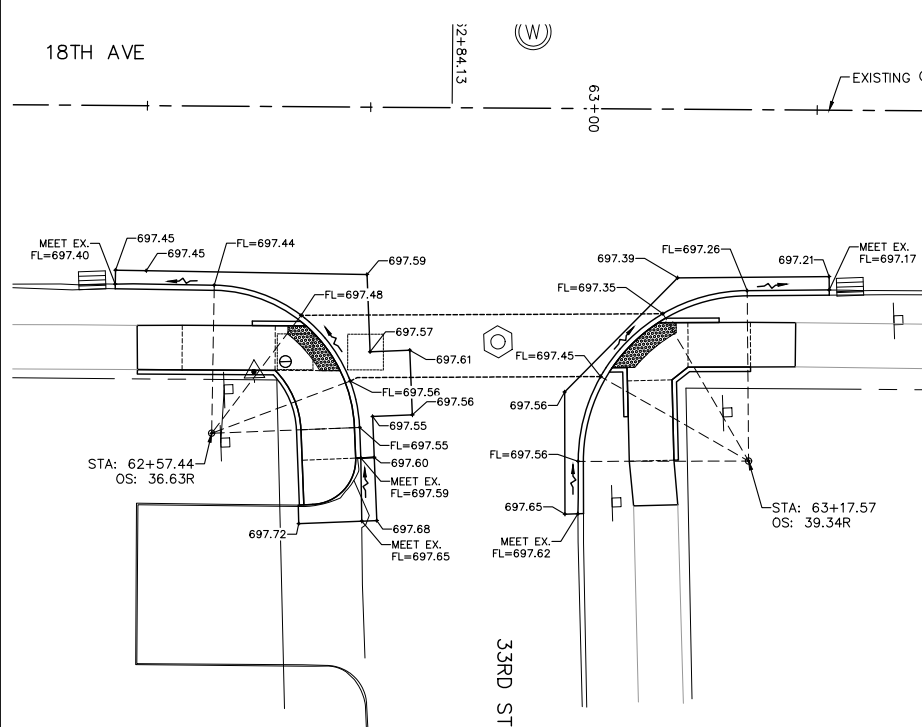
REVISIONS	
No.	DESCRIPTION
1	REVISED PER 2.8.18 IDOT REVIEW
	DATE 3.1.18

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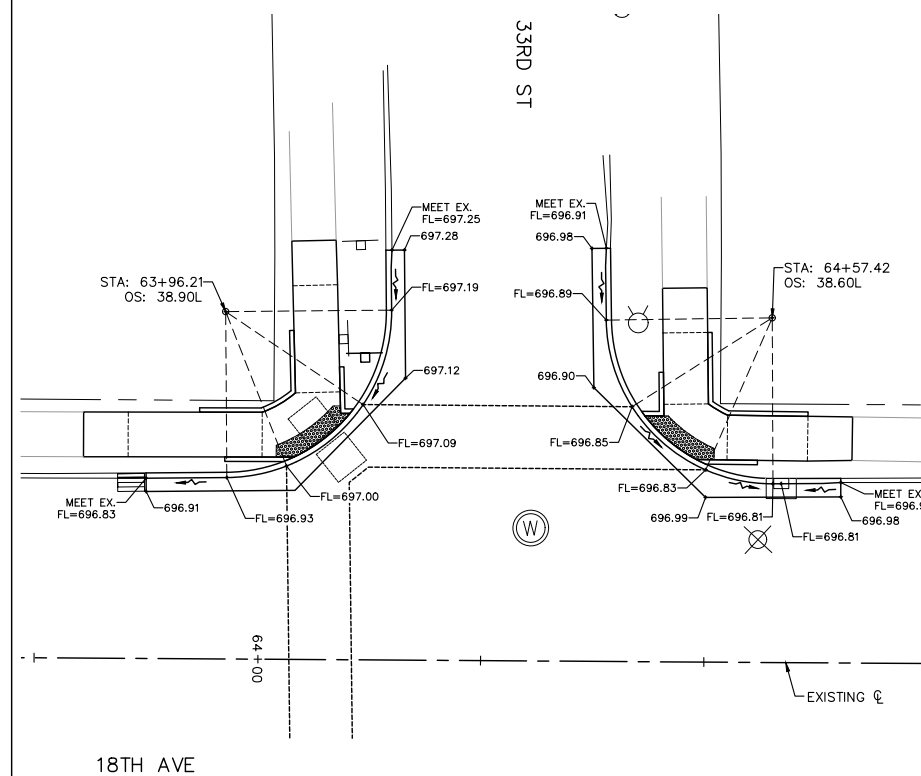
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**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 60+18 LEFT, 32ND ST INTERSECTION**



**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 62+84 RIGHT, 33RD ST INTERSECTION**



**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 64+27 LEFT, 33RD ST INTERSECTION**

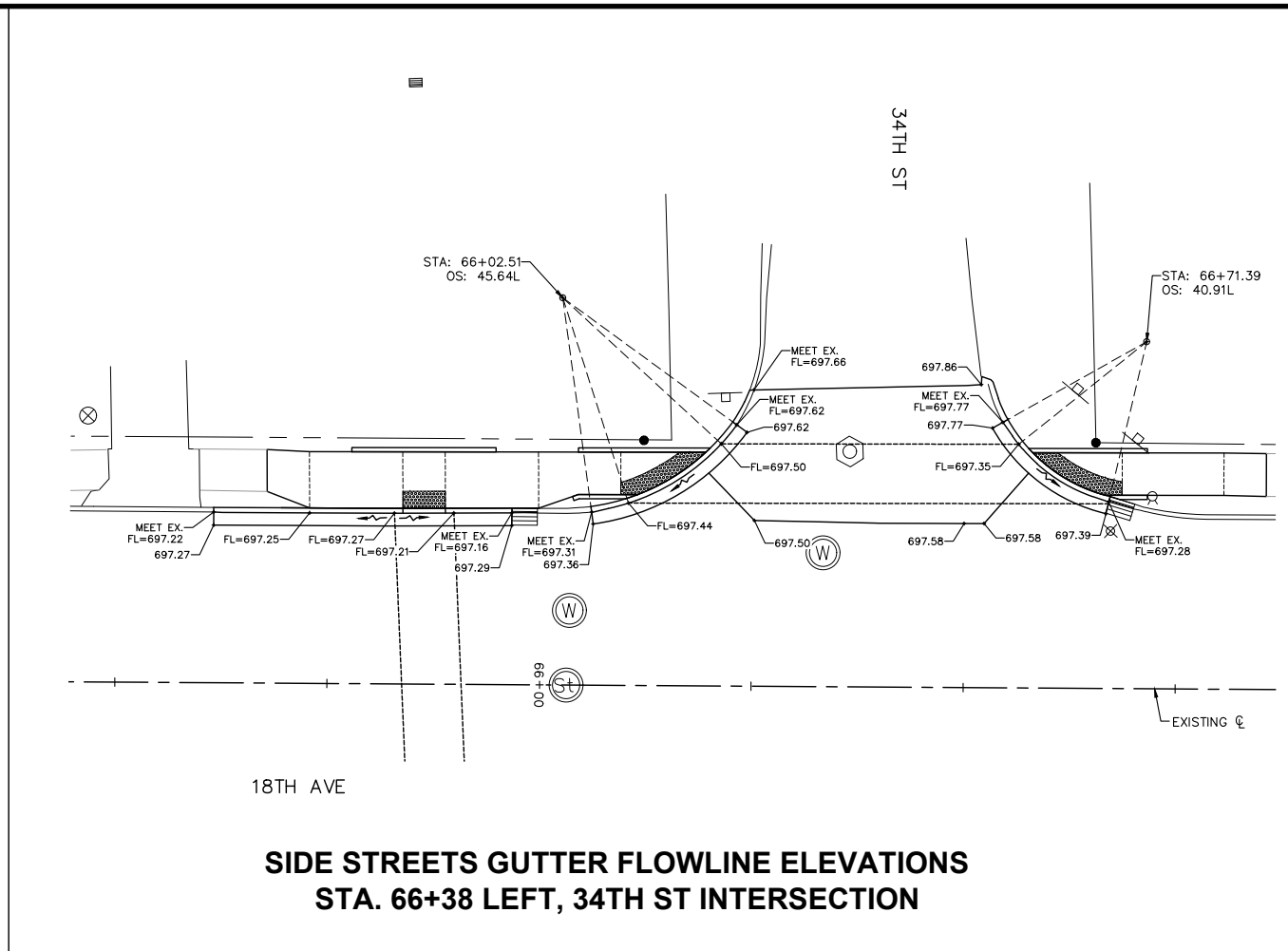
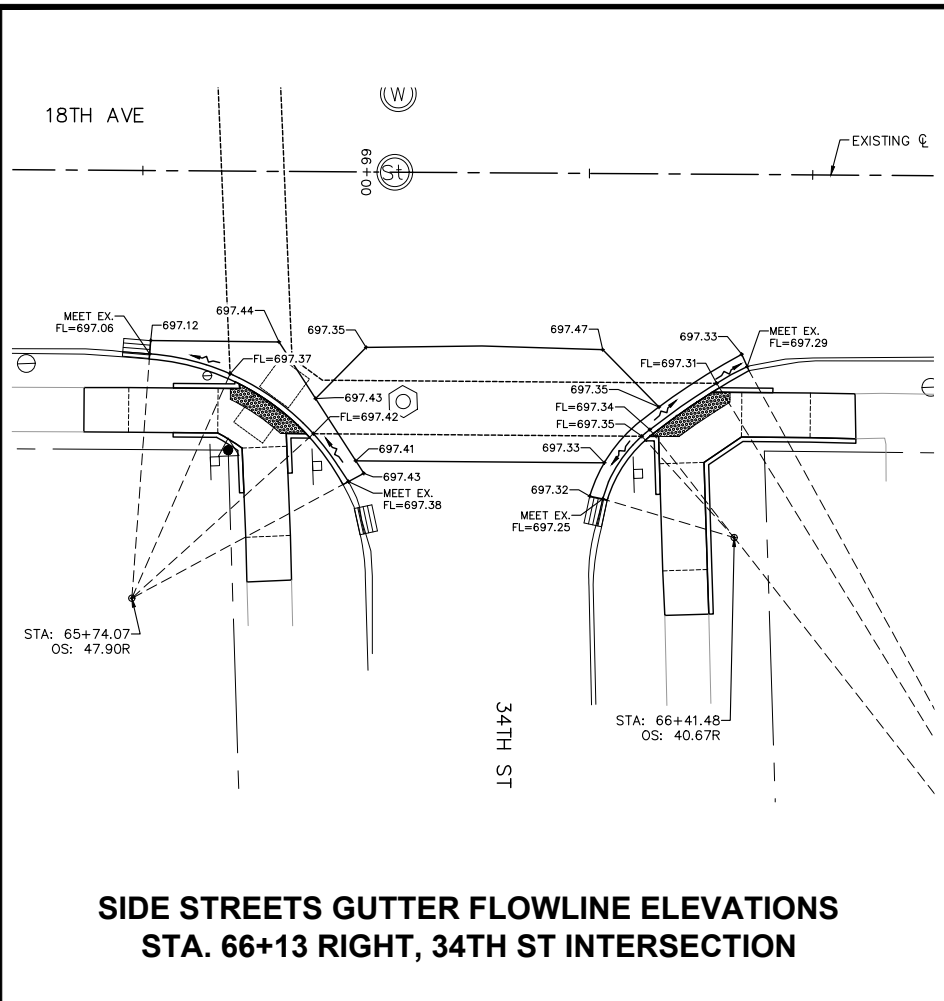
**18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
GUTTER FLOWLINE ELEVATIONS
SIDE STREETS**

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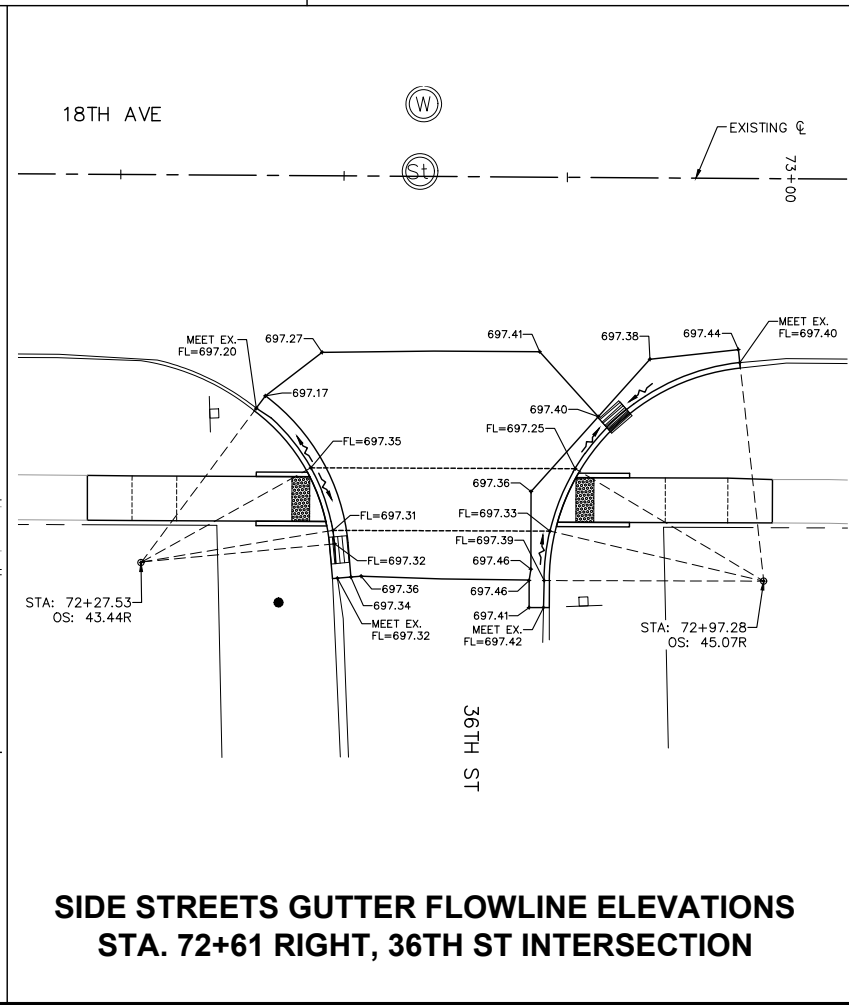
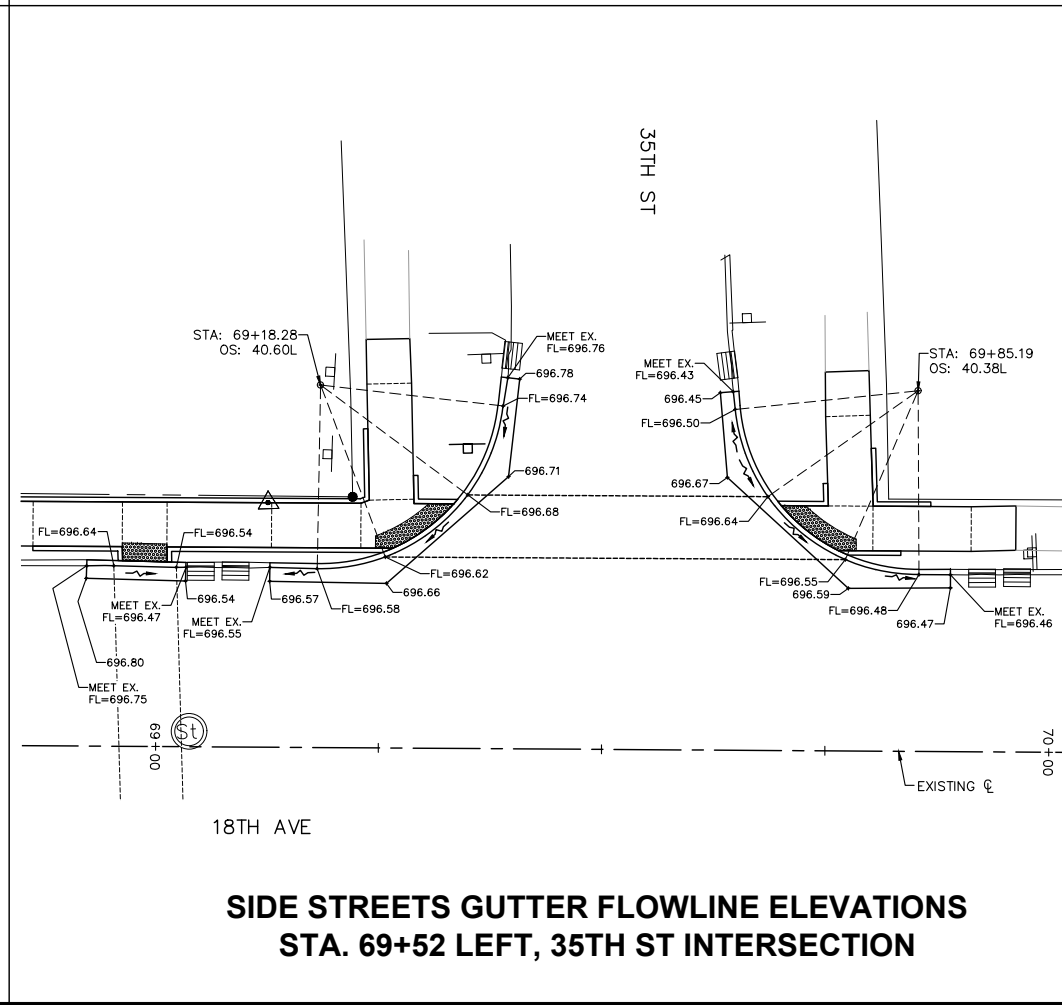
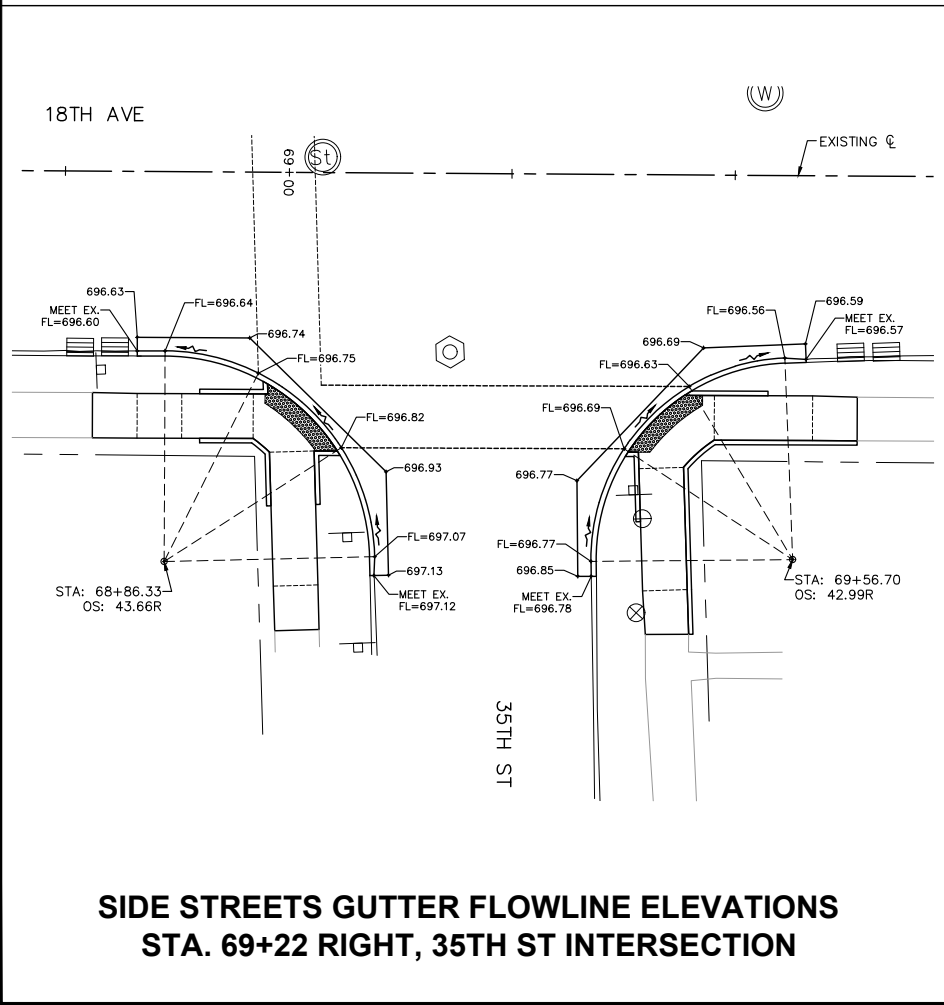
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REVISIONS	DESCRIPTION	DATE
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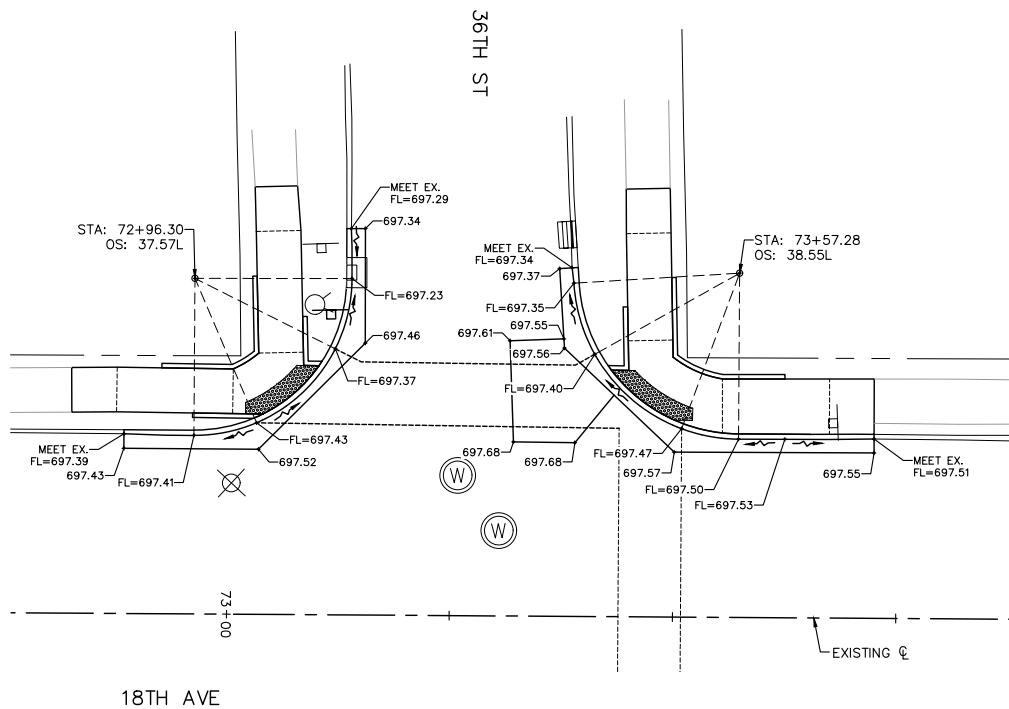
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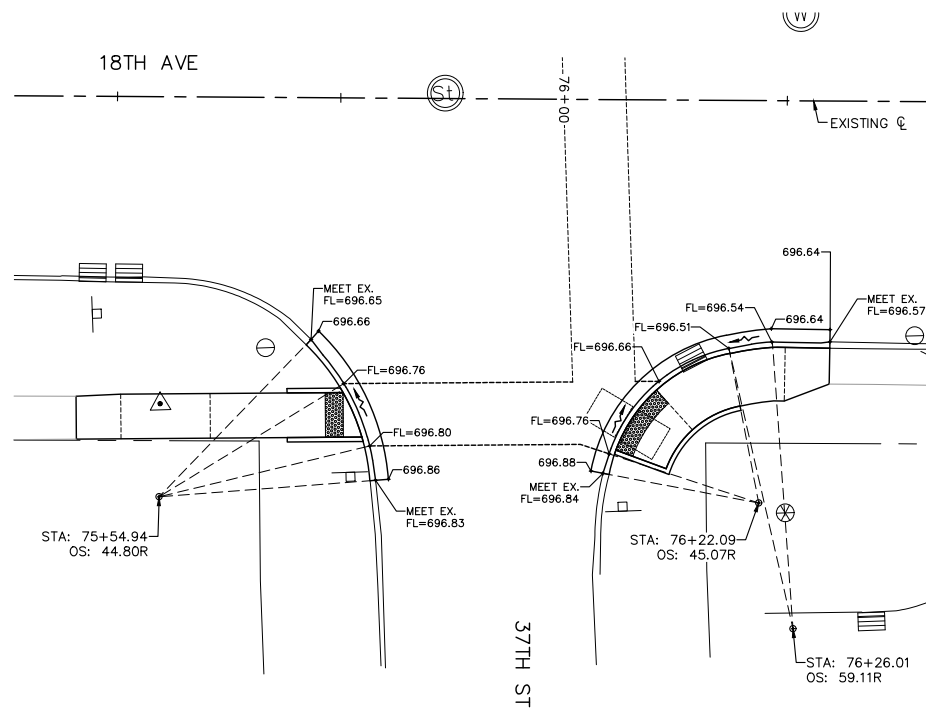
**18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
GUTTER FLOWLINE ELEVATIONS
SIDE STREETS**

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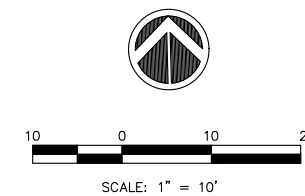
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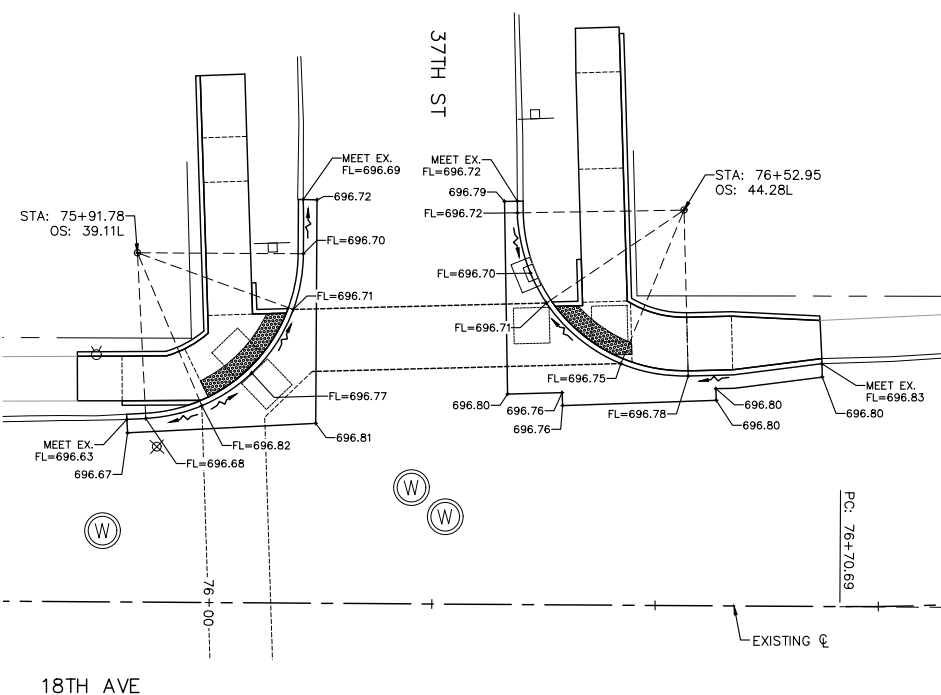
**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 73+27 LEFT, 36TH ST INTERSECTION**



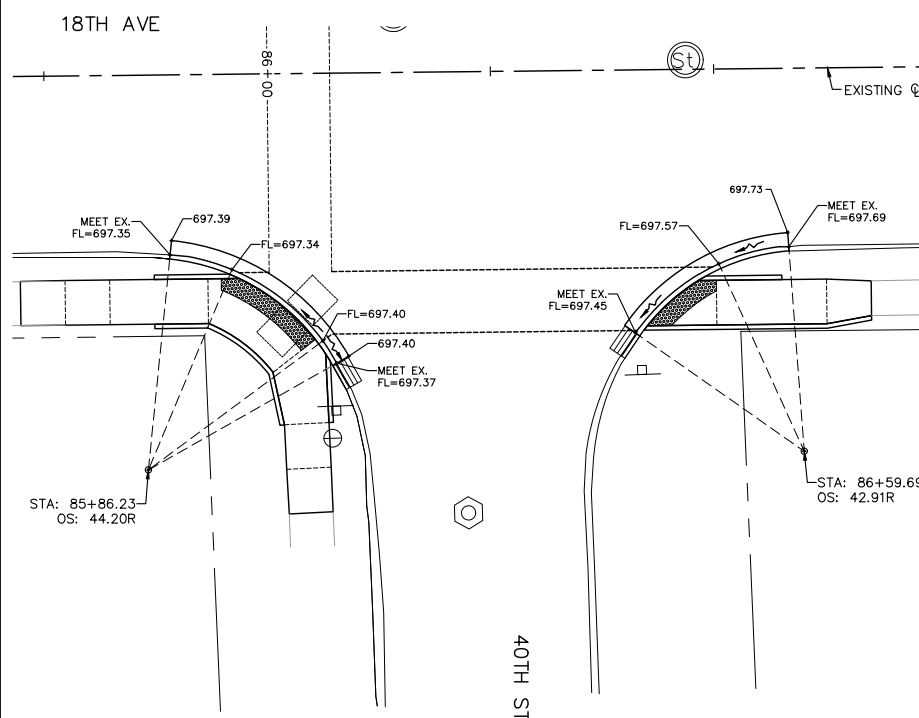
**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 75+91 RIGHT, 37TH ST INTERSECTION**



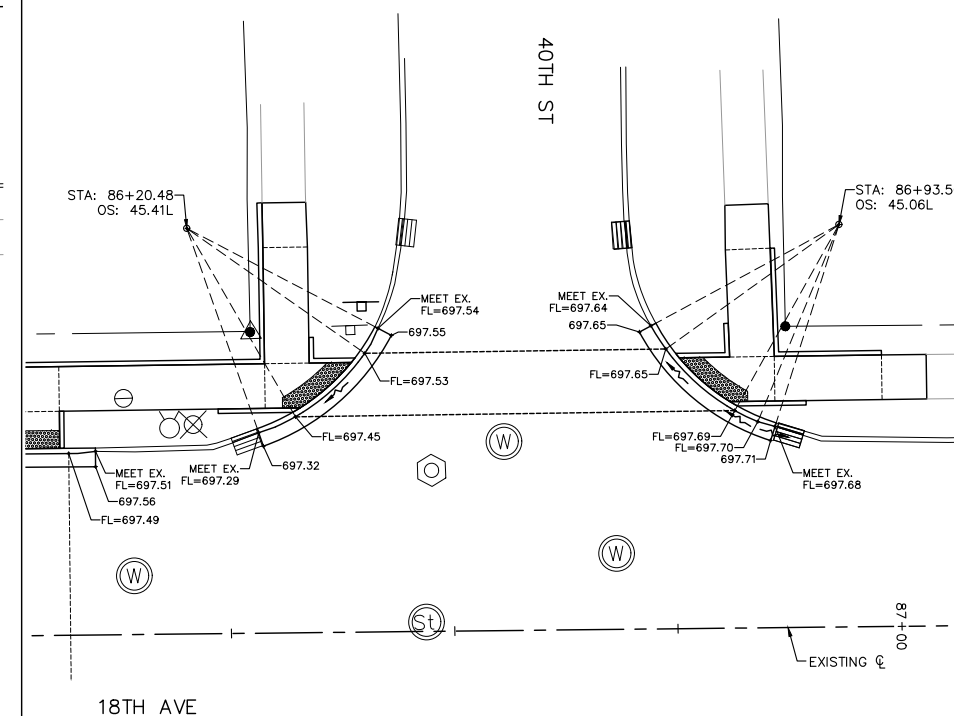
GENERAL NOTE:
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**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 76+22 LEFT, 37TH ST INTERSECTION**



**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 86+23 RIGHT, 40TH ST INTERSECTION**



**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 86+57 LEFT, 40TH ST INTERSECTION**

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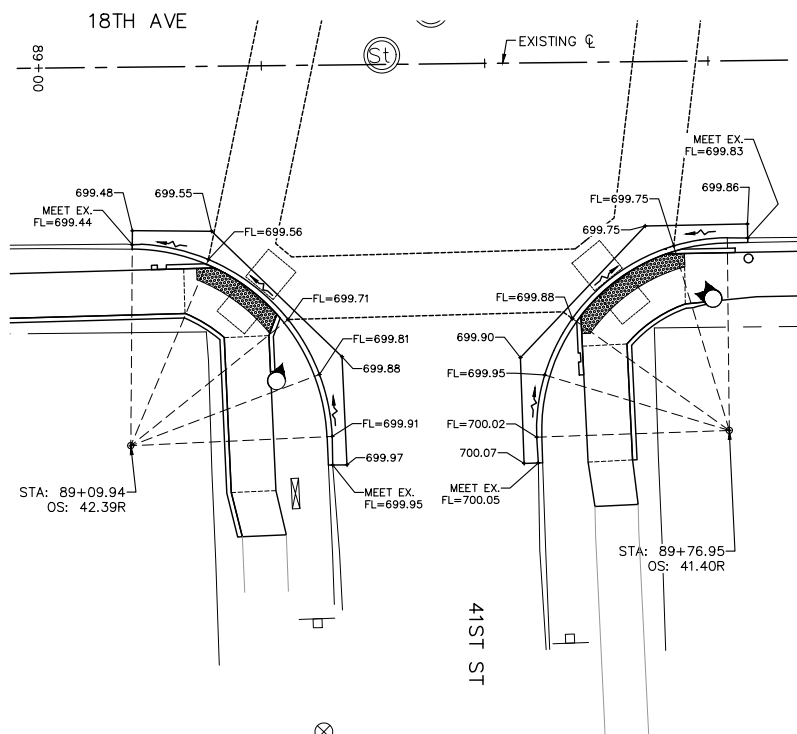
**18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
GUTTER FLOWLINE ELEVATIONS
SIDE STREETS**

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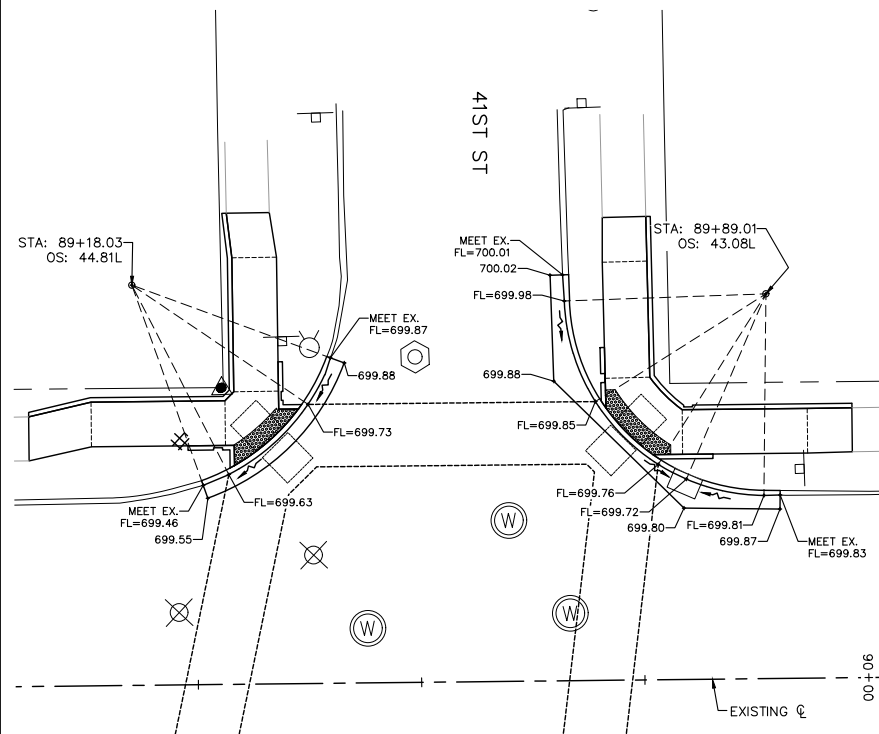
C-GE7

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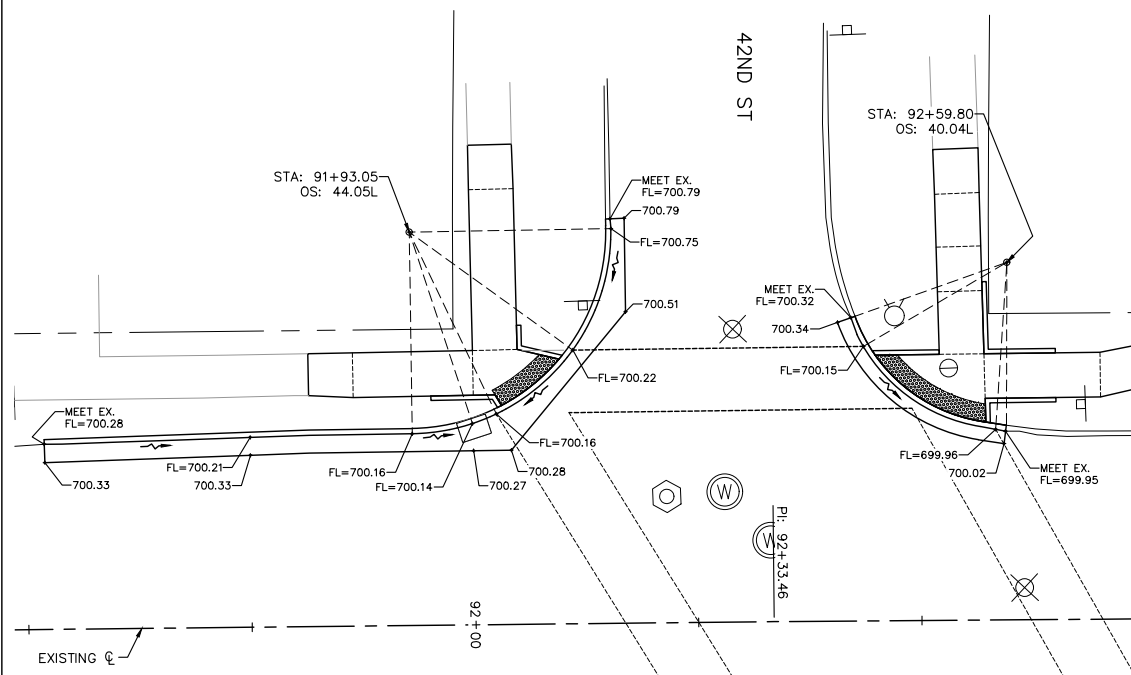
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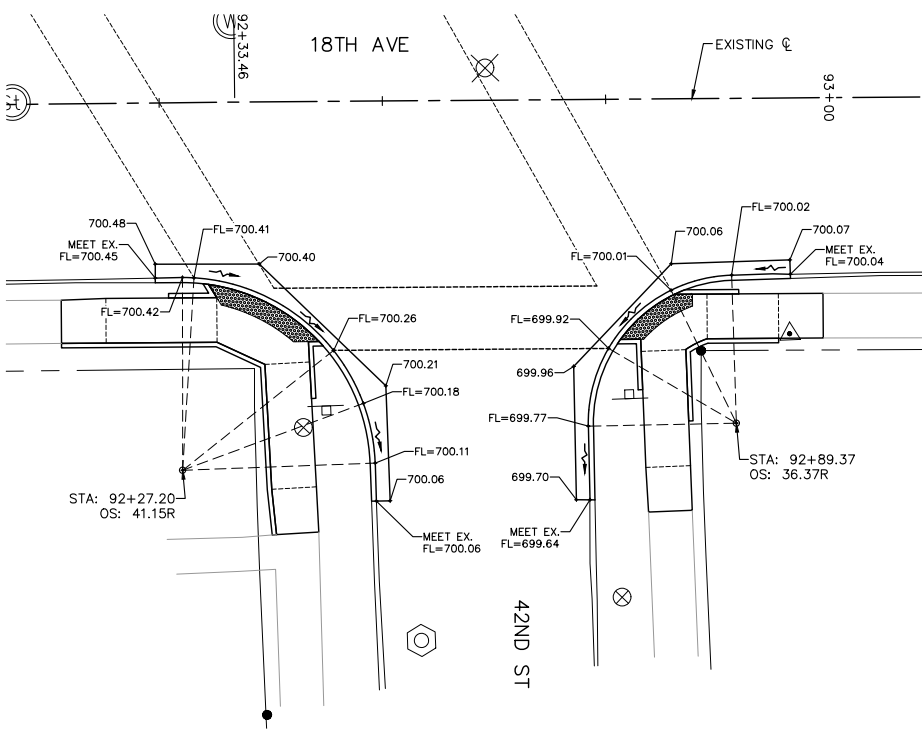
**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 89+43 RIGHT, 41ST ST INTERSECTION**



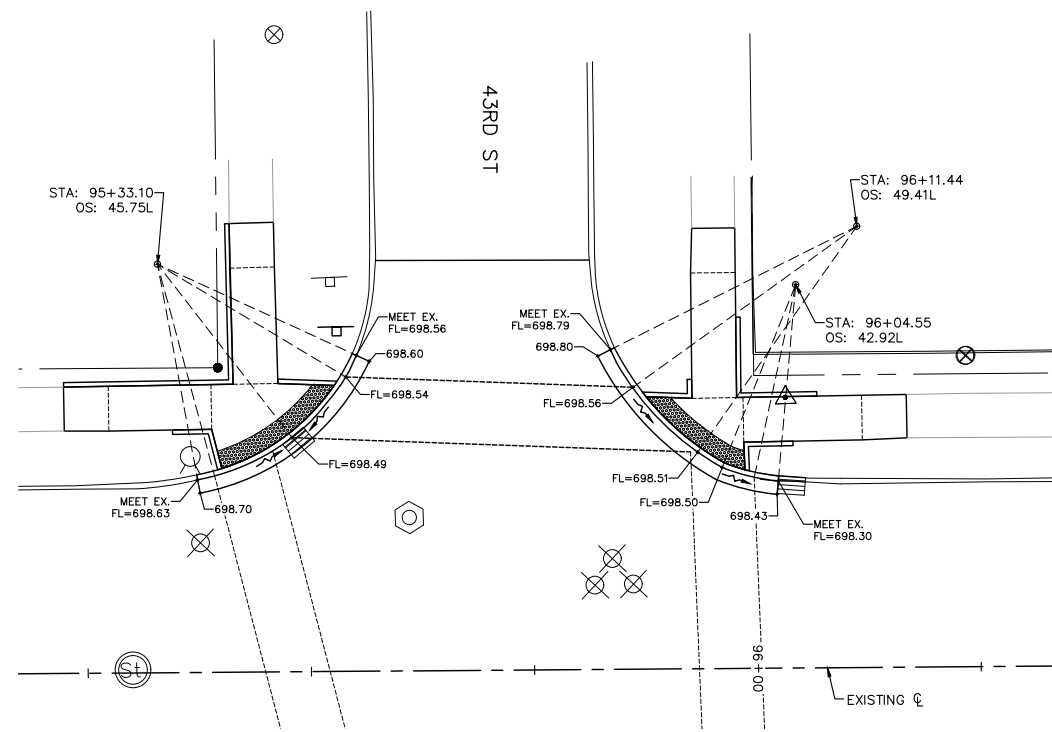
**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 89+54 LEFT, 41ST ST INTERSECTION**



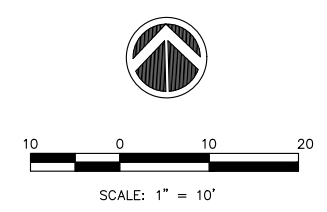
**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 92+28 LEFT, 42ND ST INTERSECTION**



**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 92+61 RIGHT, 42ND ST INTERSECTION**



**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 95+70 LEFT, 43RD ST INTERSECTION**



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REVISIONS	DESCRIPTION	DATE
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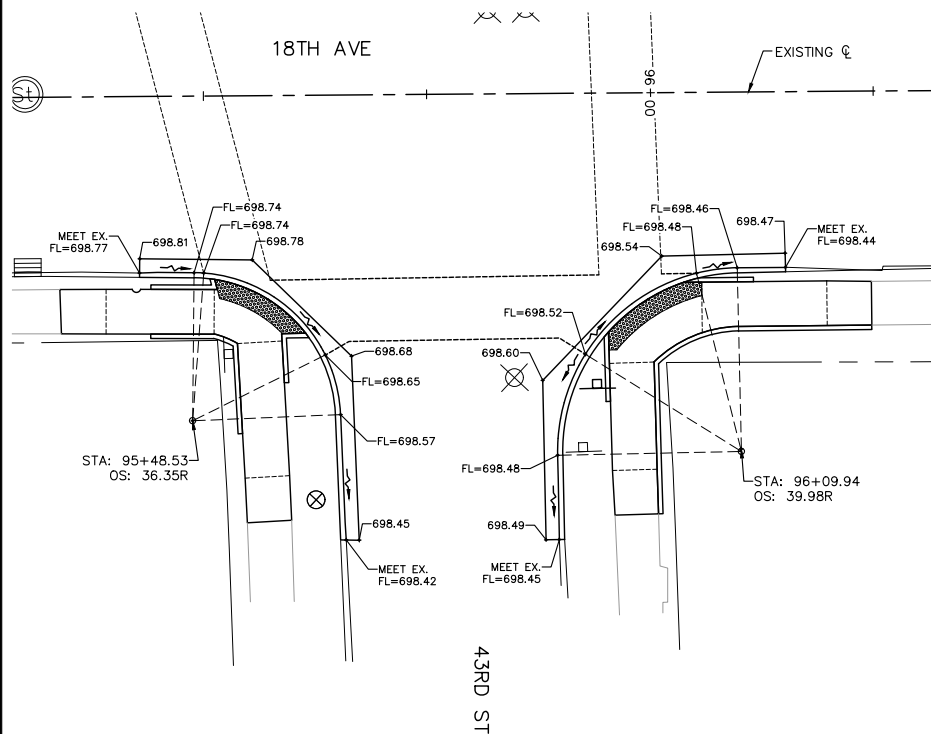
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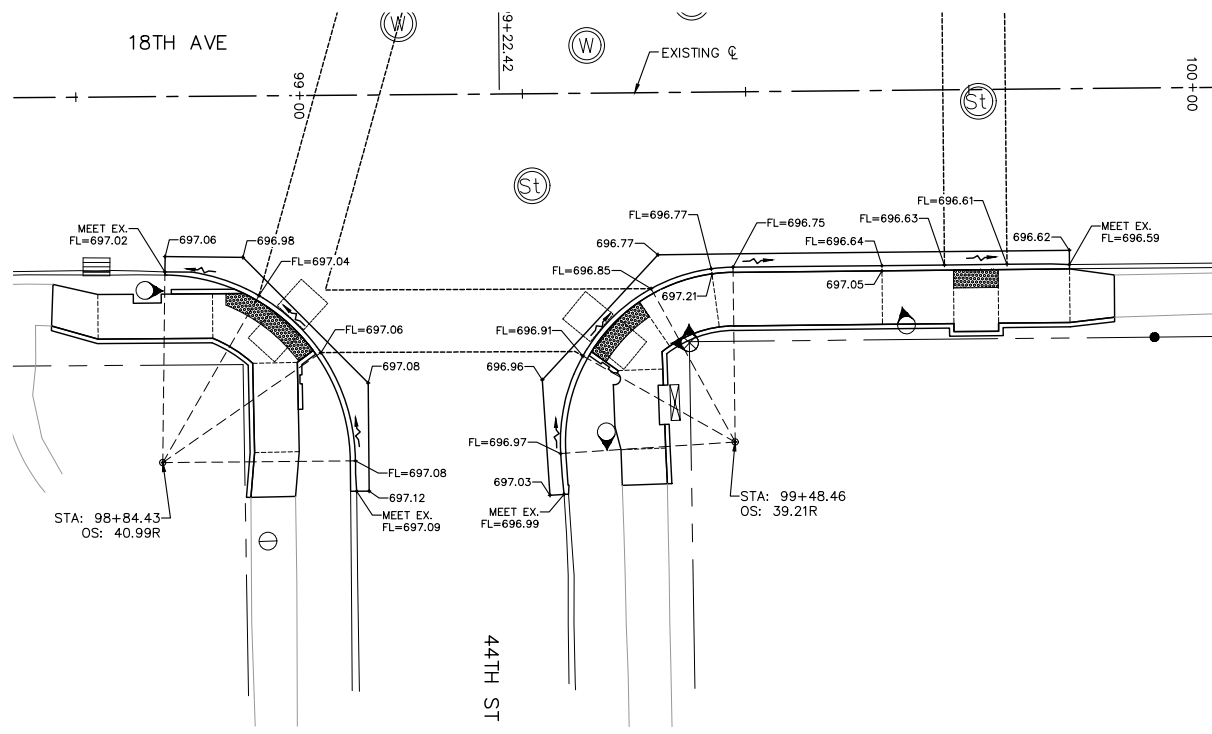
**18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
GUTTER FLOWLINE ELEVATIONS
SIDE STREETS**

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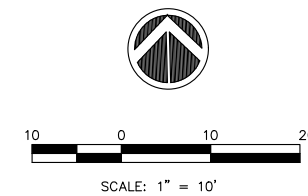
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**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 95+76 RIGHT, 43RD ST INTERSECTION**

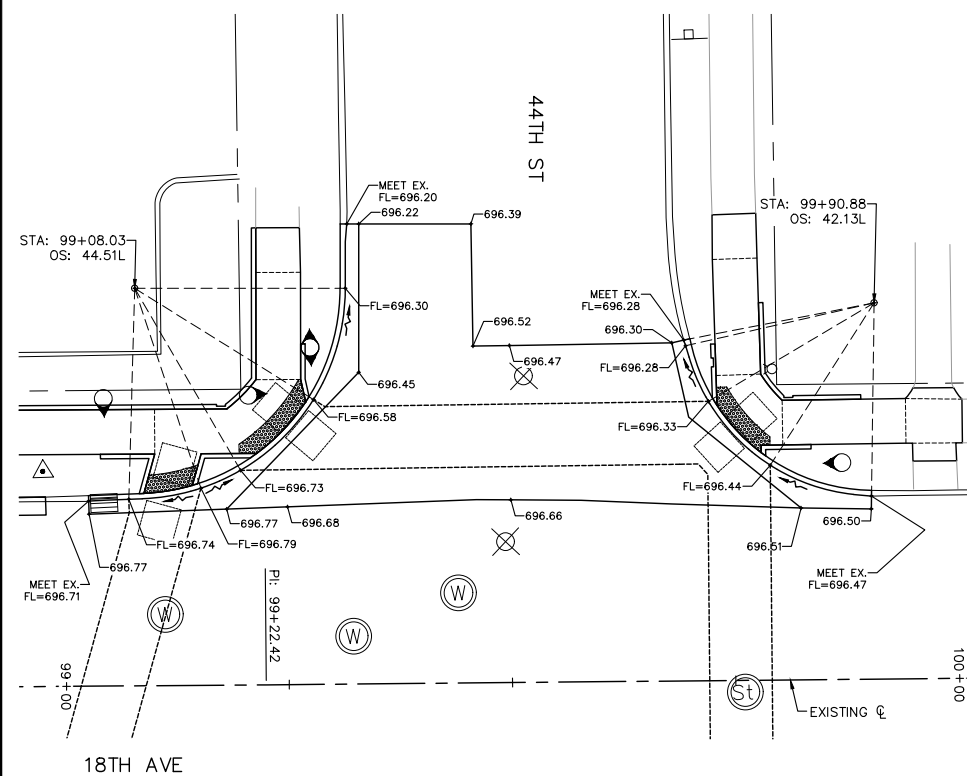


**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 99+18 RIGHT, 44TH ST INTERSECTION**

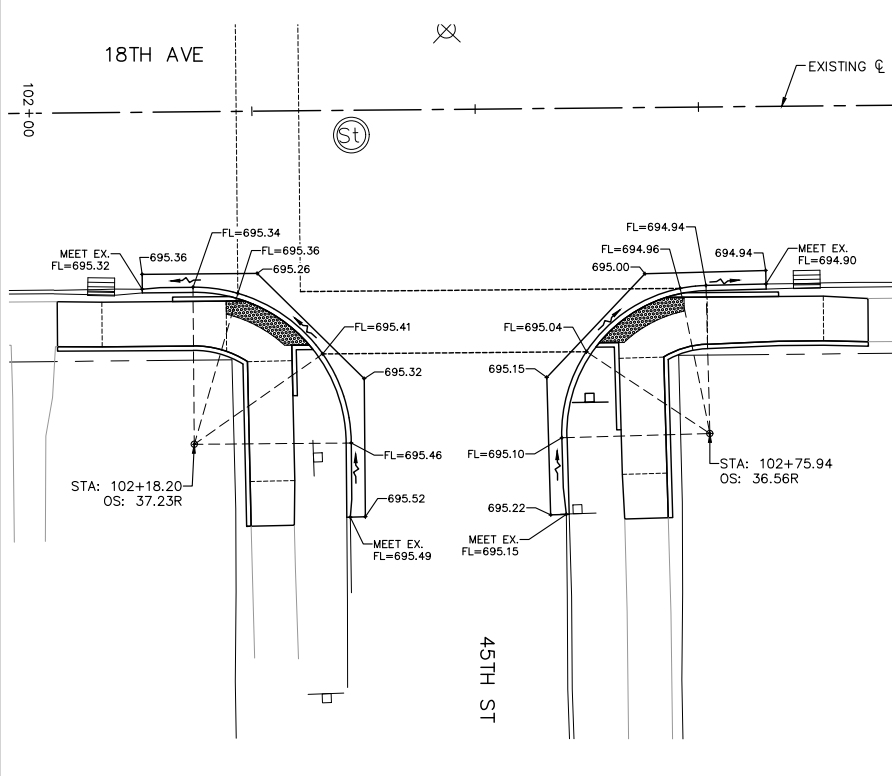


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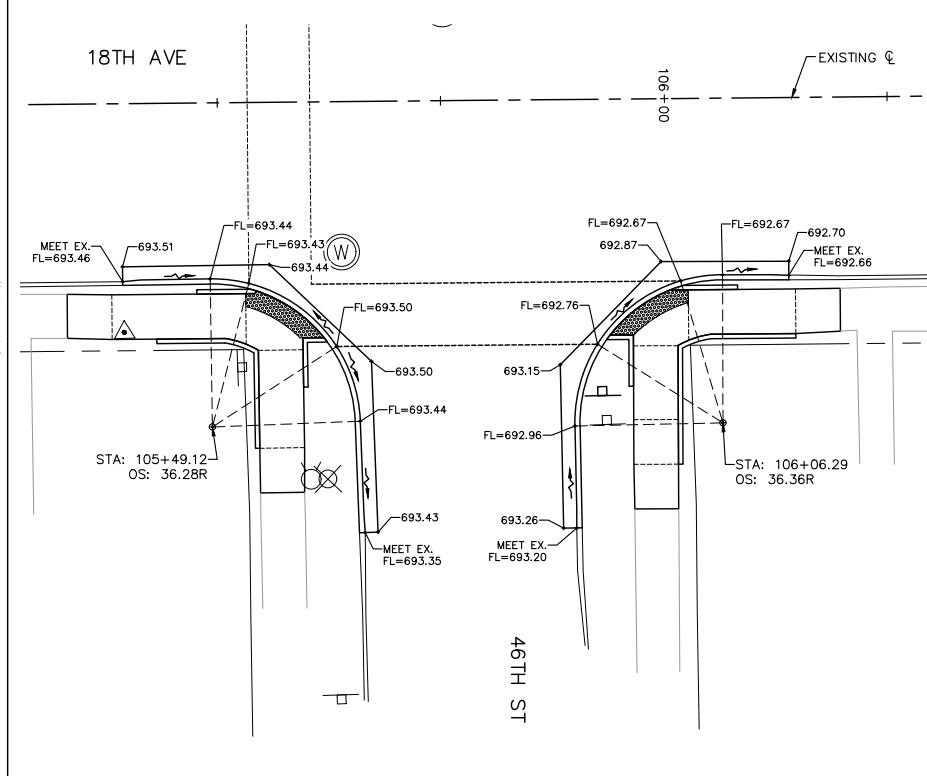
ALL SPOT GRADES ARE TOP / EDGE OF PAVEMENT UNLESS NOTED OTHERWISE.



**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 99+49 LEFT, 44TH ST INTERSECTION**



**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 102+47 RIGHT, 45TH ST INTERSECTION**



**SIDE STREETS GUTTER FLOWLINE ELEVATIONS
STA. 105+78 RIGHT, 46TH ST INTERSECTION**

REVISIONS	DESCRIPTION	DATE
No. 1	REVISED PER 2.8.18 IDOT REVIEW	3.1.18

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ROCK ISLAND, ILLINOIS
GUTTER FLOWLINE ELEVATIONS
SIDE STREETS**

Missman Project No: A15M006A

File Name: A15M006A-GUTTER FL ELEVATIONS.dwg

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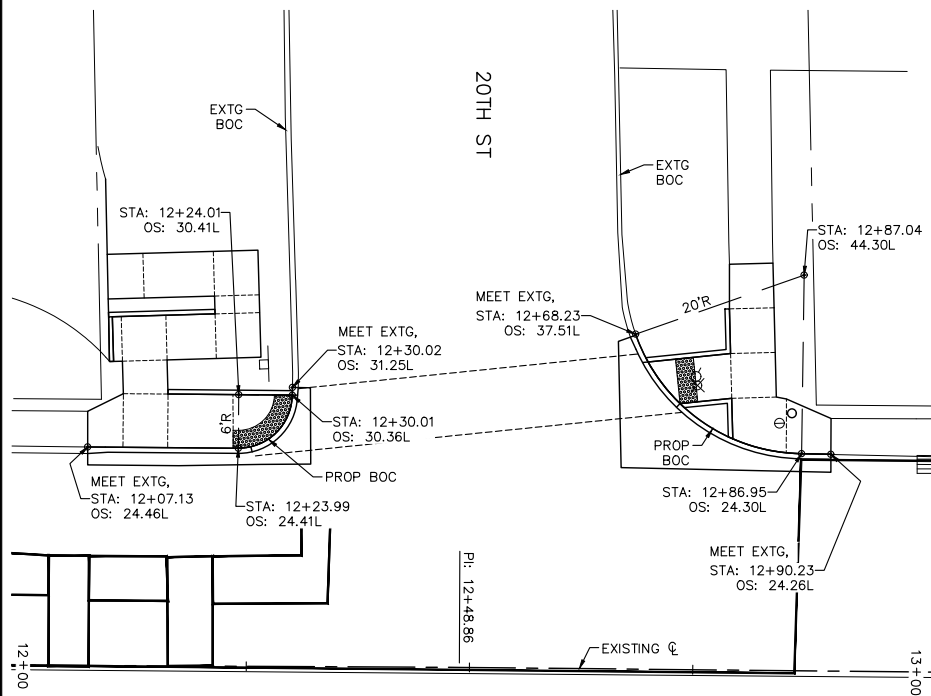
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Date: 2/5/2018

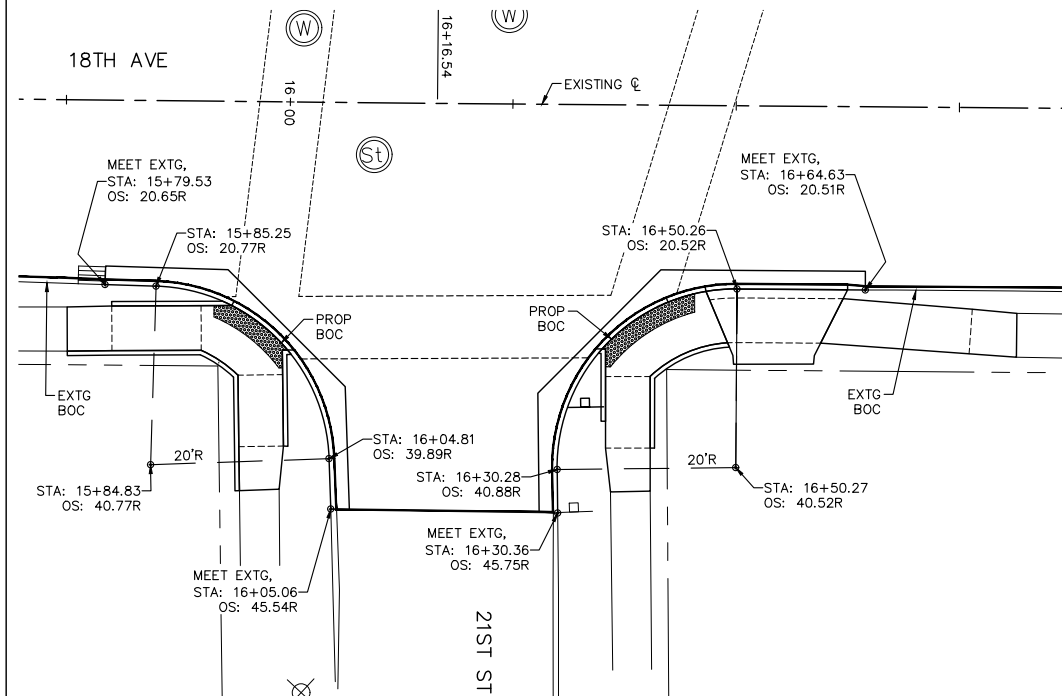
C-GE9

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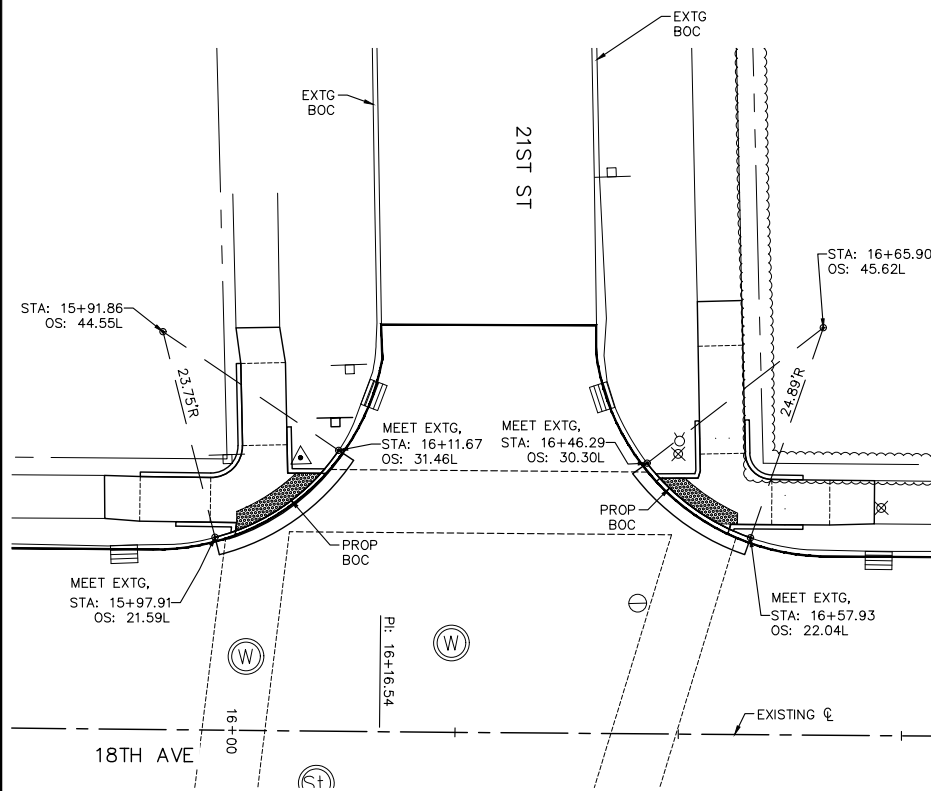
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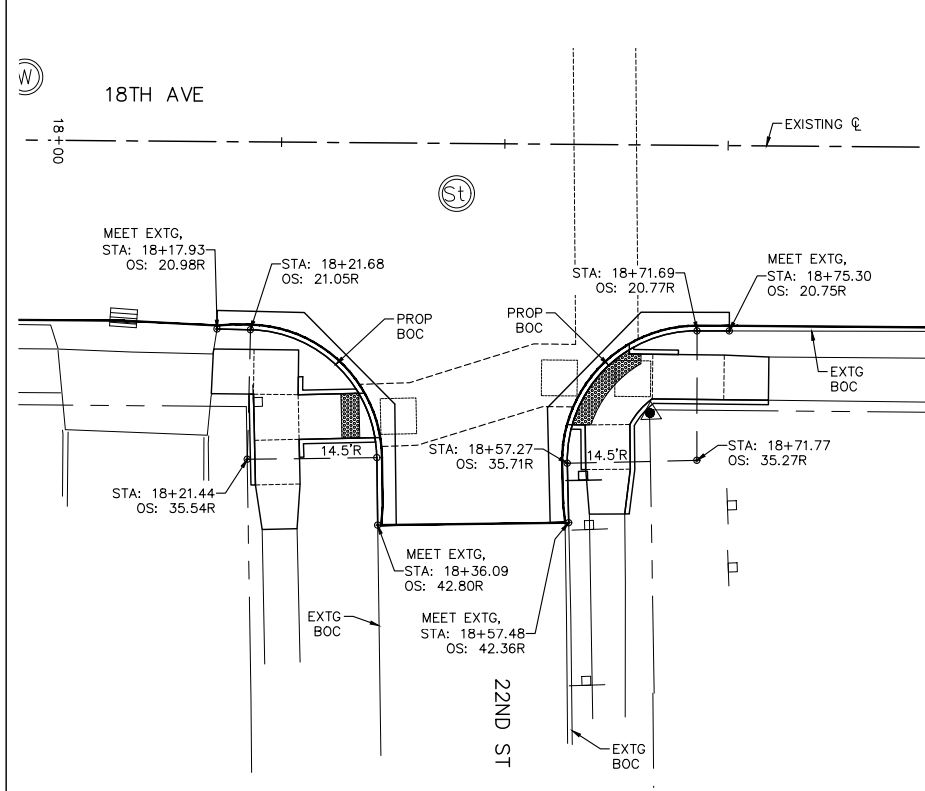
**SIDE STREETS PAVEMENT LAYOUT
STA. 12+50 LEFT, 20TH ST INTERSECTION**



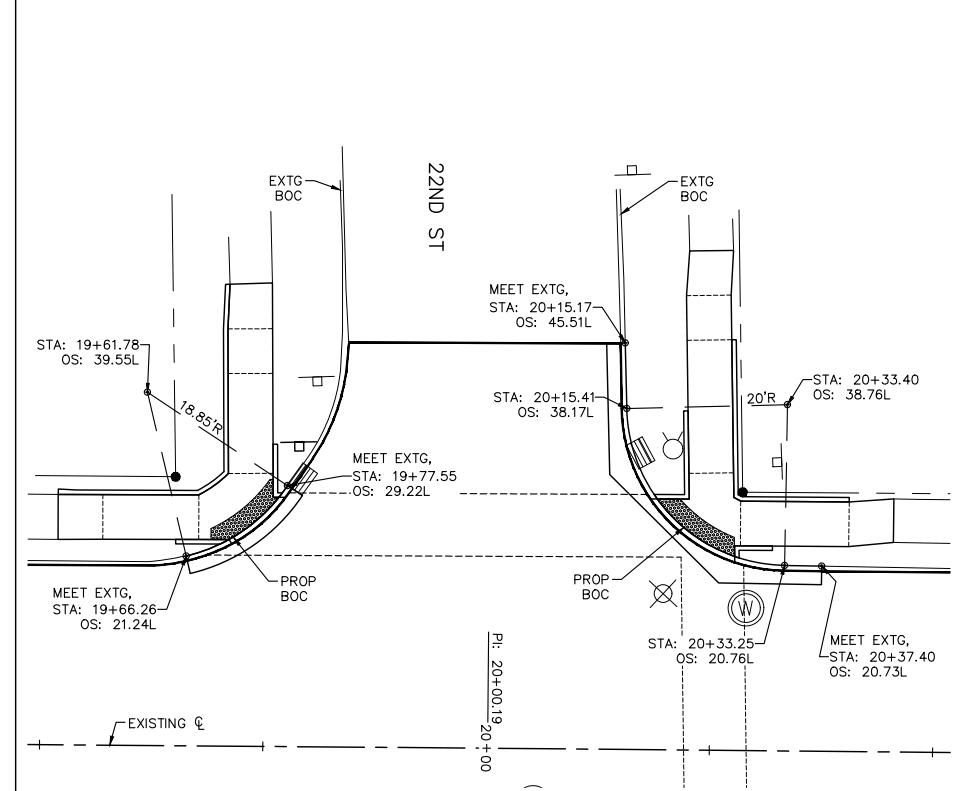
**SIDE STREETS PAVEMENT LAYOUT
STA. 16+16 RIGHT, 21ST ST INTERSECTION**



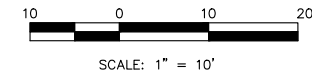
**SIDE STREETS PAVEMENT LAYOUT
STA. 16+27 LEFT, 21ST ST INTERSECTION**



**SIDE STREETS PAVEMENT LAYOUT
STA. 16+45 RIGHT, 22ND ST INTERSECTION**



**SIDE STREETS PAVEMENT LAYOUT
STA. 20+00 LEFT, 22ND ST INTERSECTION**



NOTES:

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REVISIONS	DESCRIPTION	DATE
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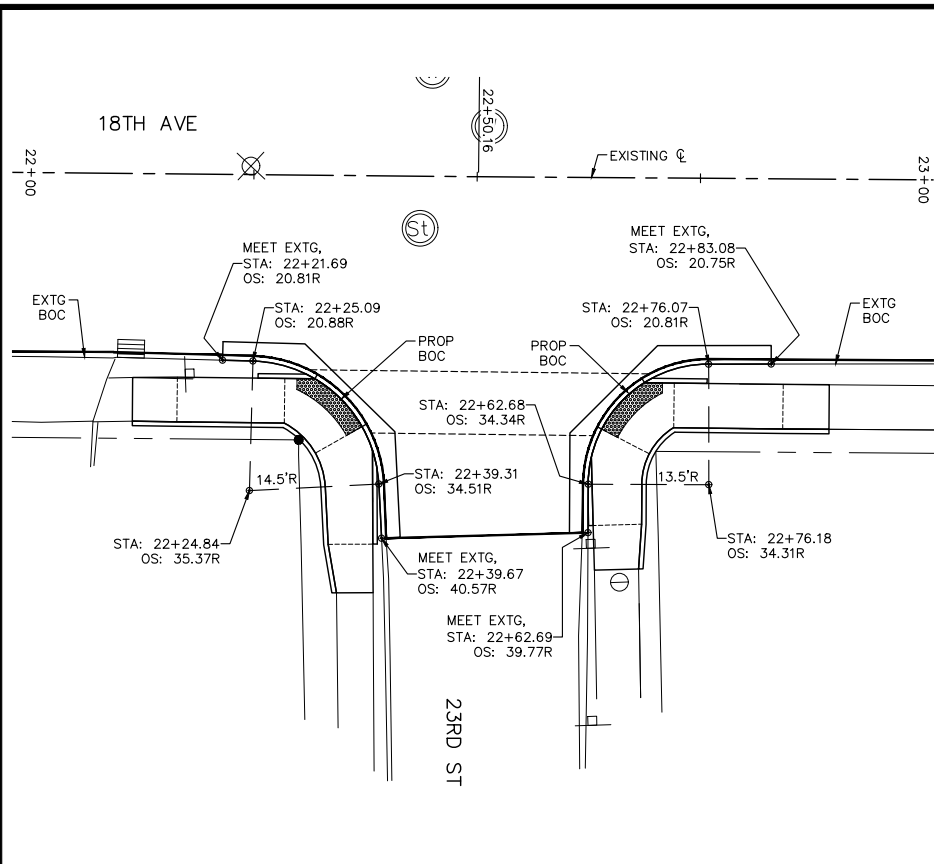
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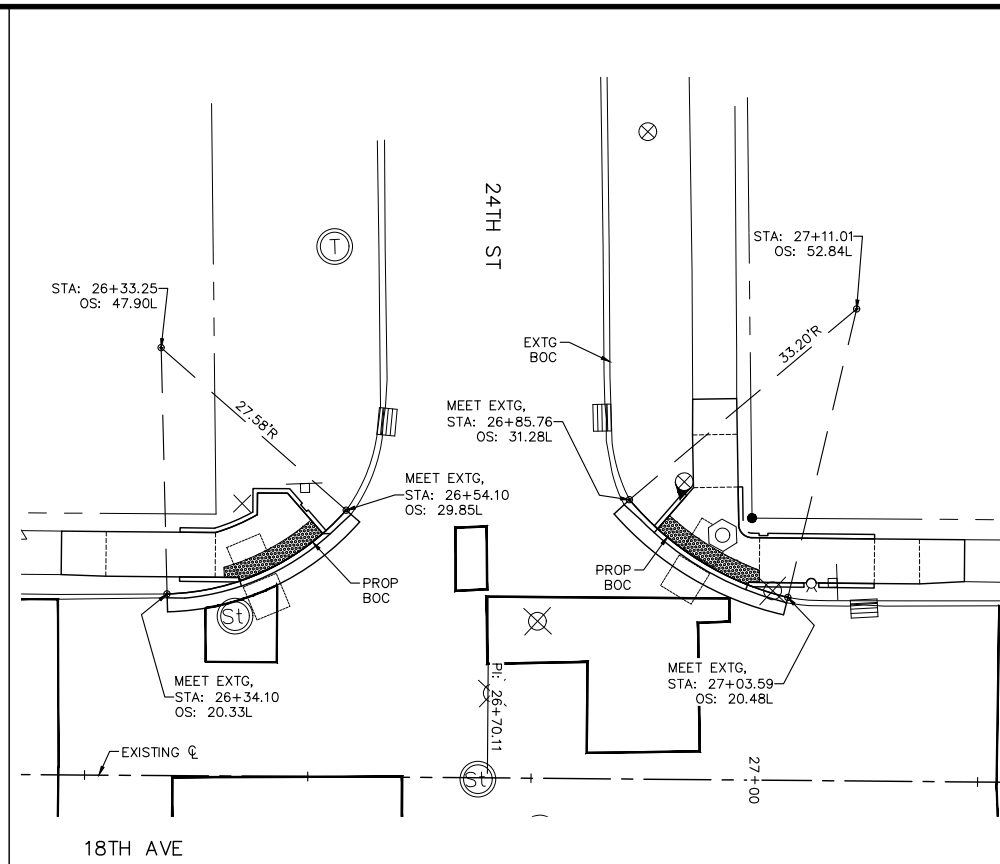
**18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
PAVEMENT LAYOUT
SIDE STREETS**

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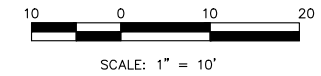
**SIDE STREETS PAVEMENT LAYOUT
STA. 22+50 RIGHT, 23RD ST INTERSECTION**



**SIDE STREETS PAVEMENT LAYOUT
STA. 26+70 LEFT, 24TH ST INTERSECTION**

NOTES:

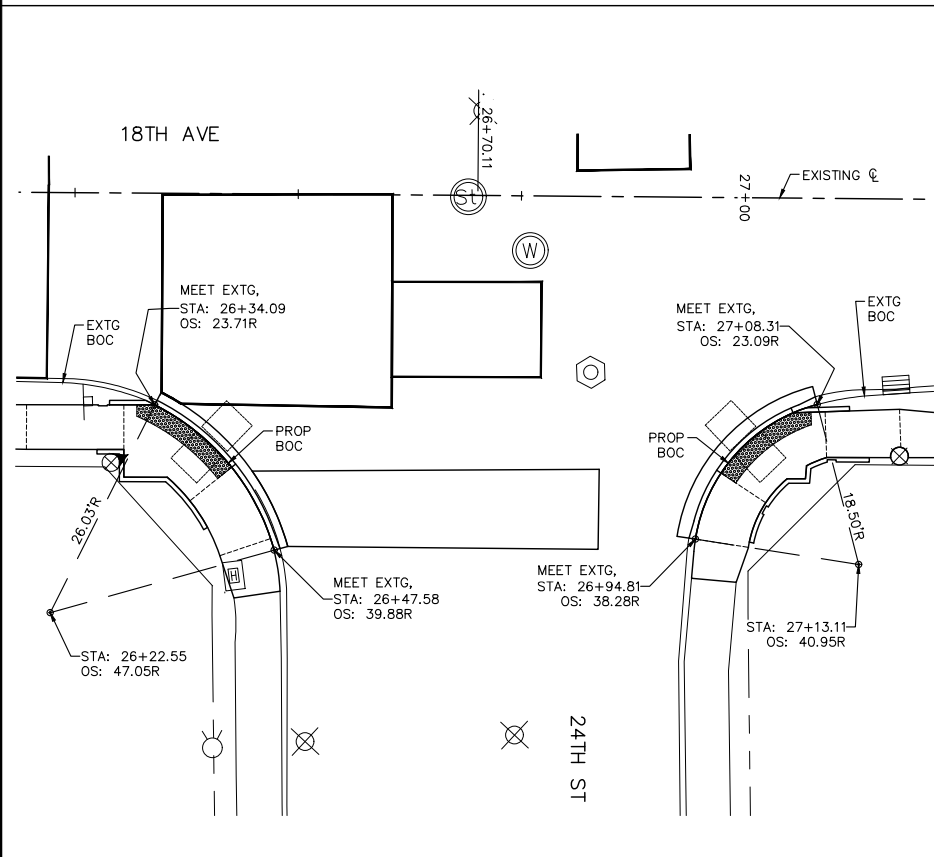
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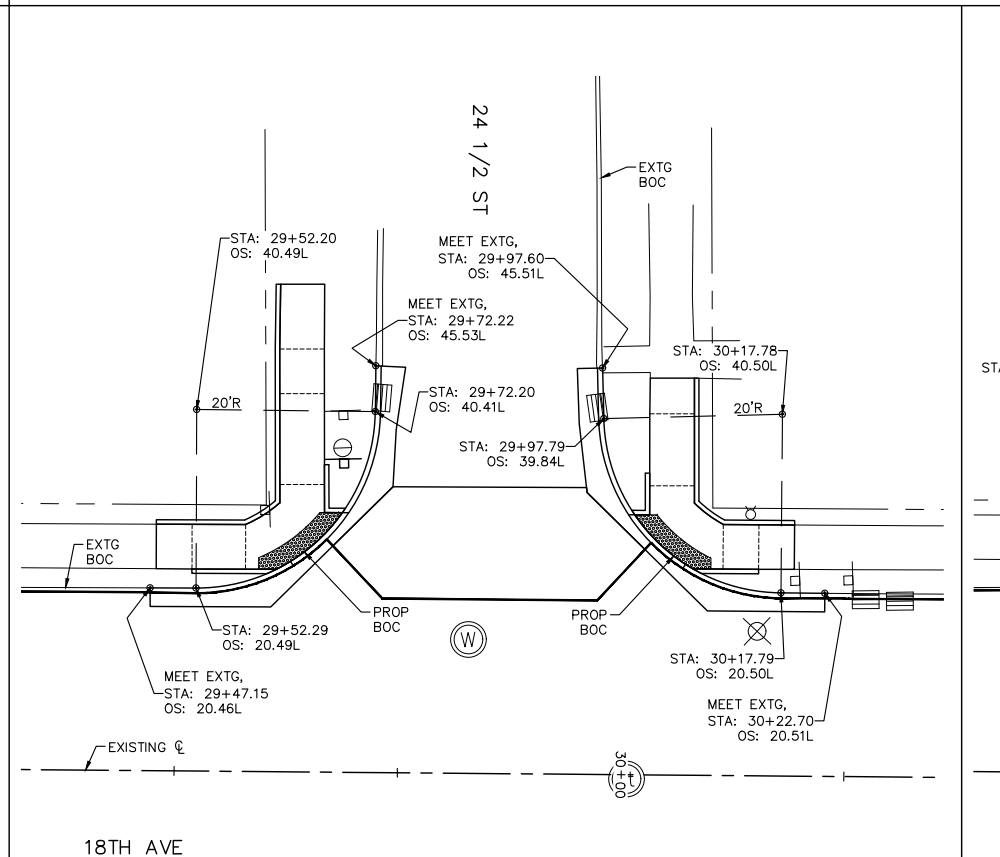
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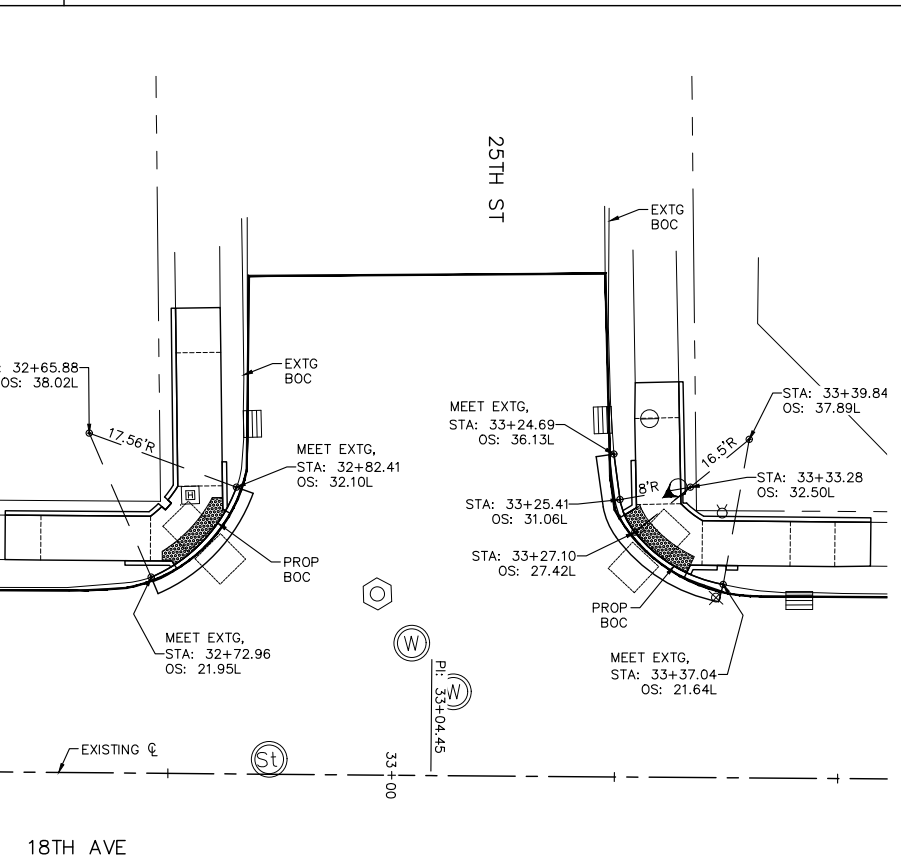
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**SIDE STREETS PAVEMENT LAYOUT
STA. 26+70 RIGHT, 24TH ST INTERSECTION**



**SIDE STREETS PAVEMENT LAYOUT
STA. 29+85 LEFT, 24 1/2 ST INTERSECTION**

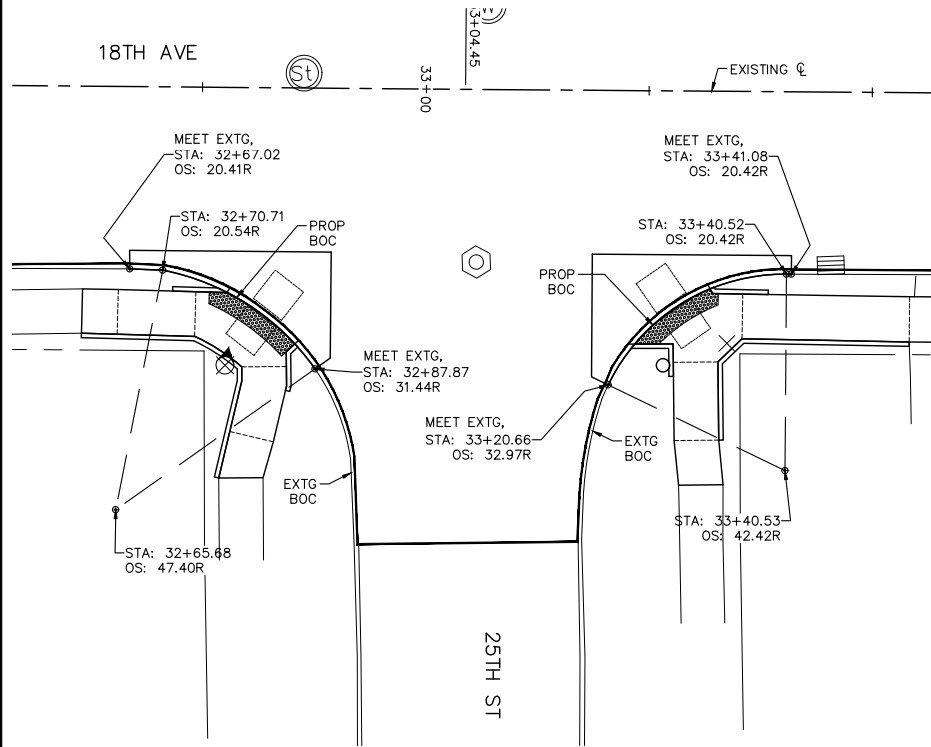


**SIDE STREETS PAVEMENT LAYOUT
STA. 33+04 LEFT, 25TH ST INTERSECTION**

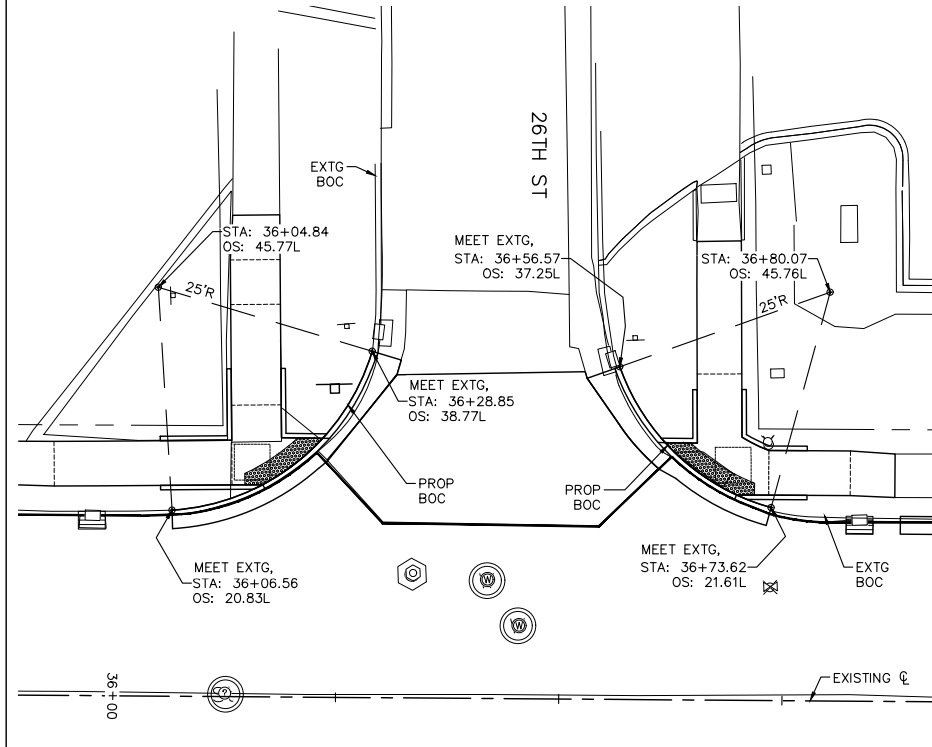
**18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
PAVEMENT LAYOUT
SIDE STREETS**

Missman Project No: A15M006A
File Name: A15M006A-PVMT LAYOUT.dwg
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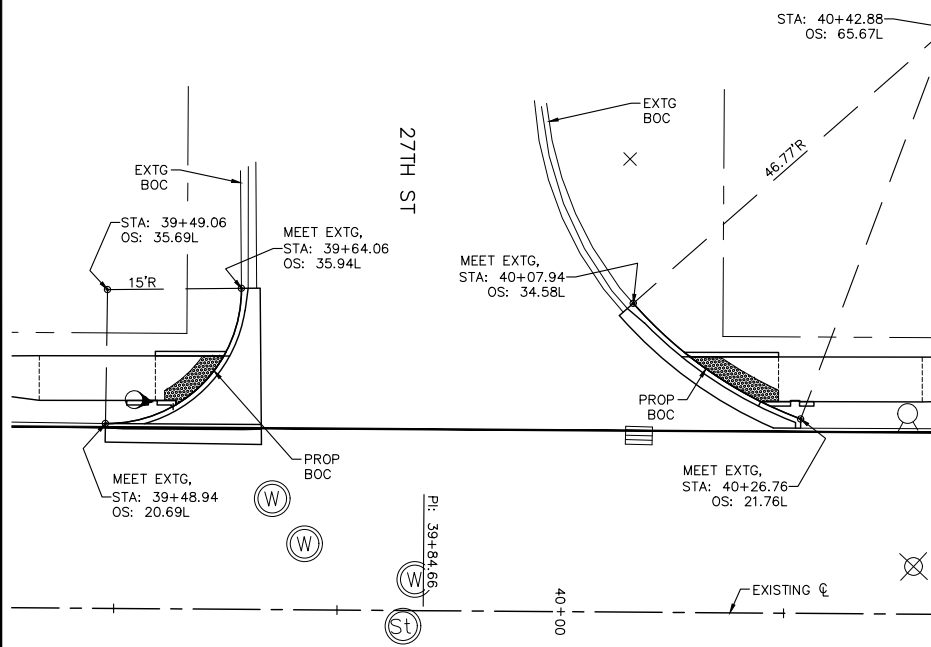
**SIDE STREETS PAVEMENT LAYOUT
STA. 33+04 RIGHT, 25TH ST INTERSECTION**



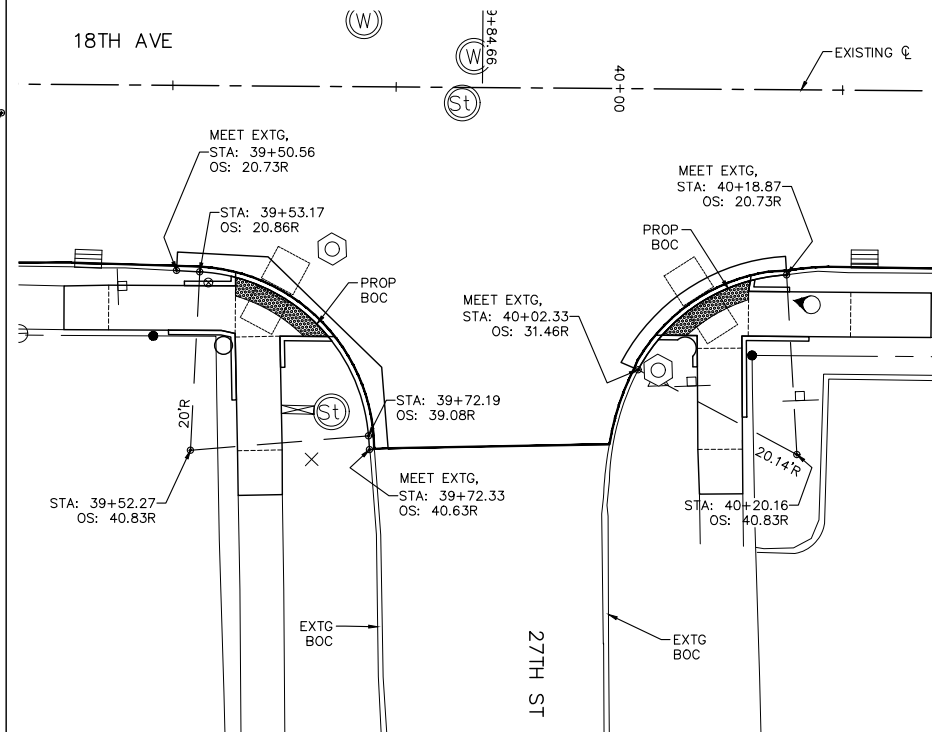
**SIDE STREETS PAVEMENT LAYOUT
STA. 36+40 LEFT, 26TH ST INTERSECTION**

NOTES:

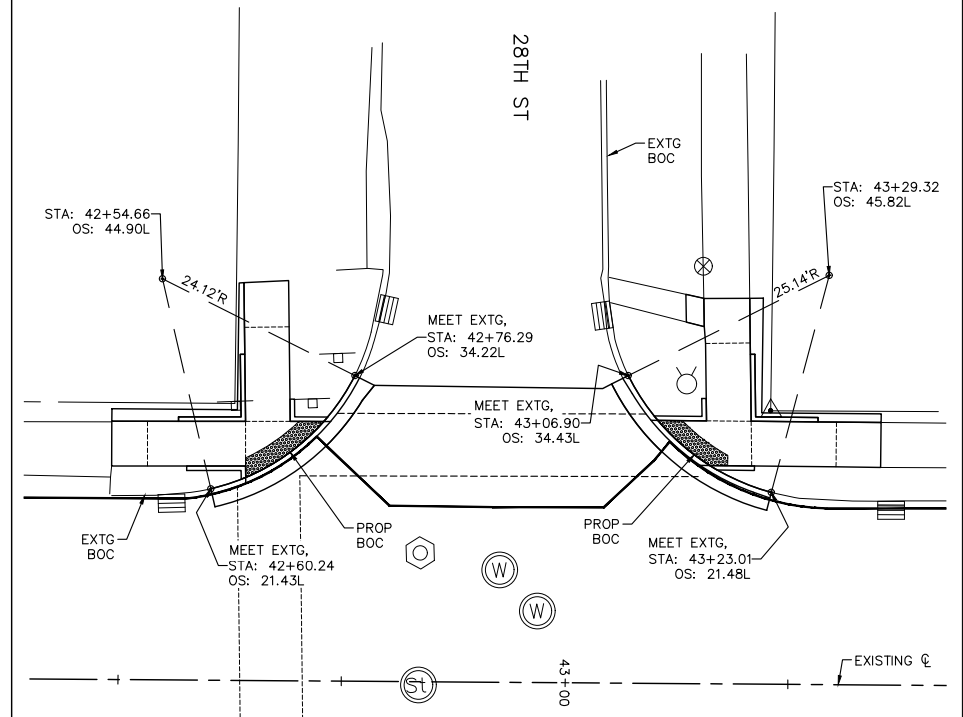
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**SIDE STREETS PAVEMENT LAYOUT
STA. 39+85 LEFT, 27TH ST INTERSECTION**



**SIDE STREETS PAVEMENT LAYOUT
STA. 39+85 RIGHT, 27TH ST INTERSECTION**



**SIDE STREETS PAVEMENT LAYOUT
STA. 42+91 LEFT, 28TH ST INTERSECTION**

NO.	REVISIONS	DESCRIPTION	DATE
1	REVISED PER 2.8.18	IDOT REVIEW	3.1.18

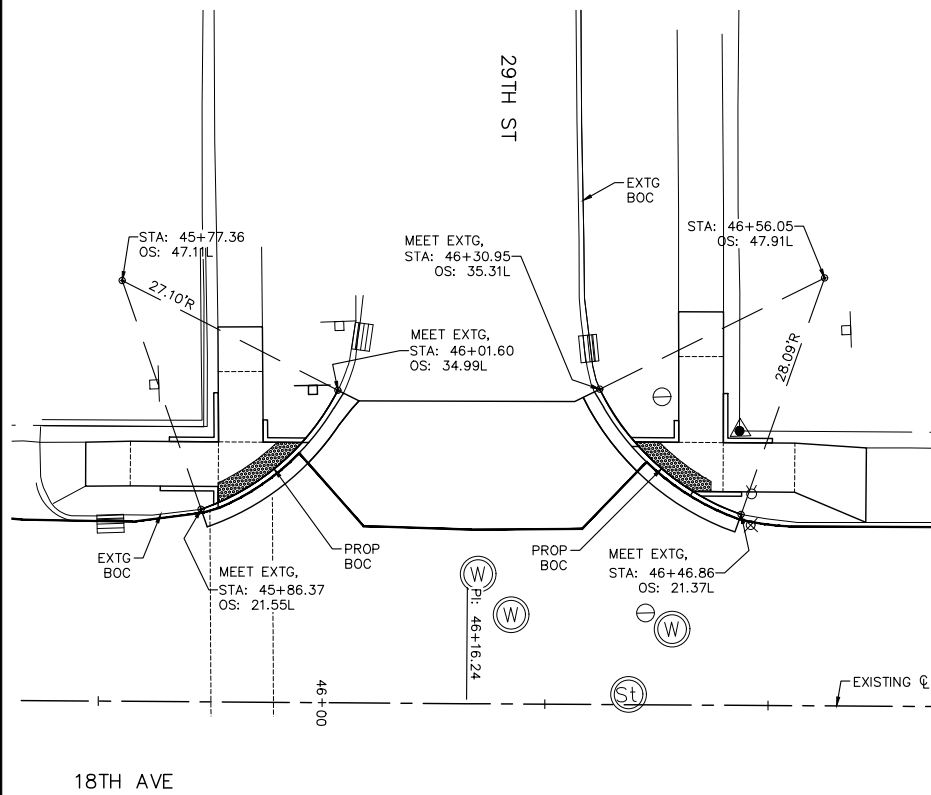
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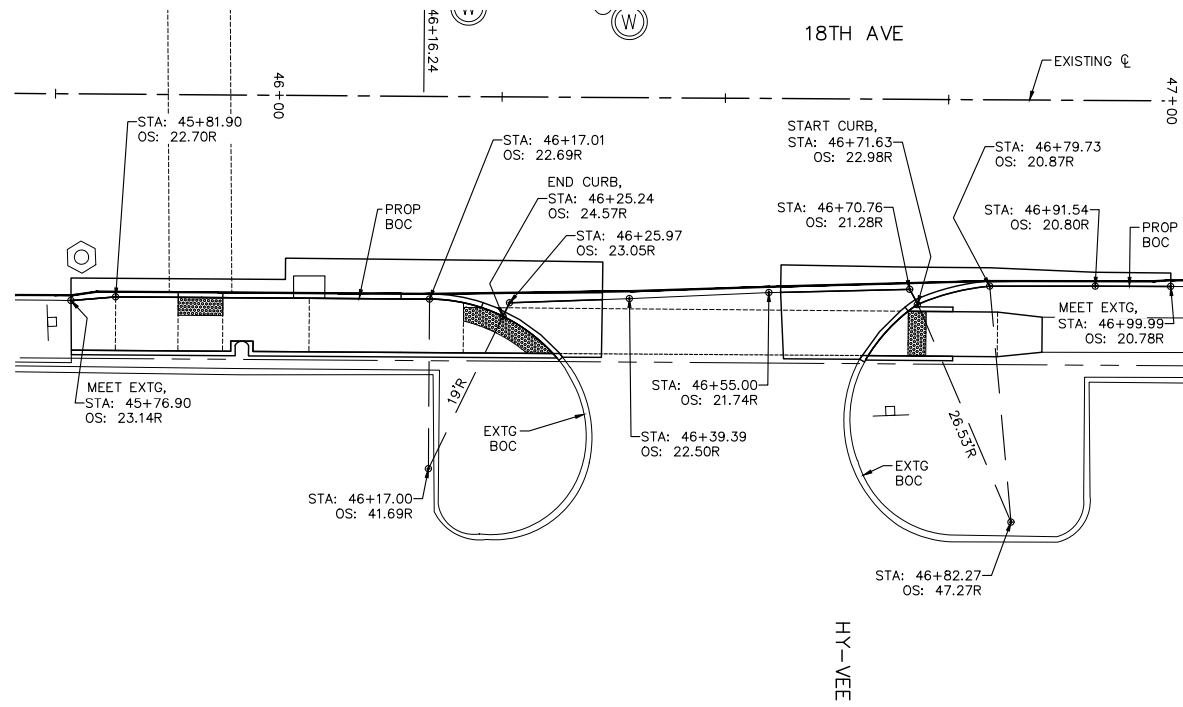
**18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
PAVEMENT LAYOUT
SIDE STREETS**

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File Name: A15M006A-PVMT LAYOUT.dwg
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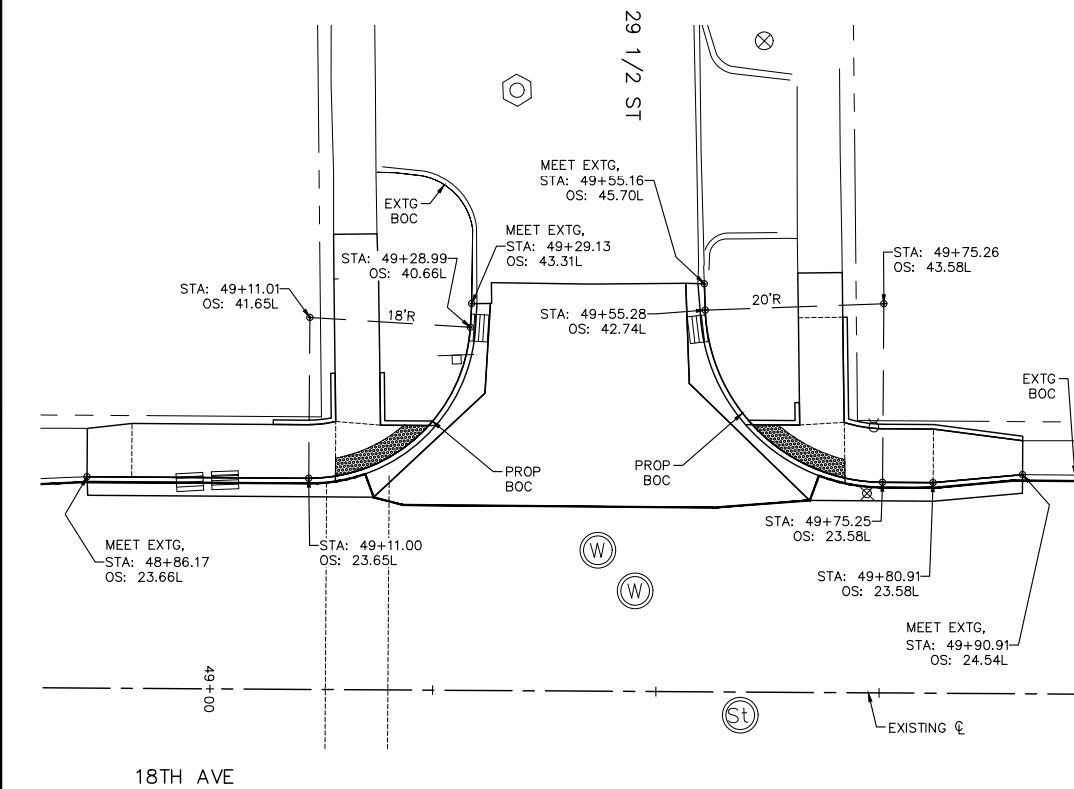
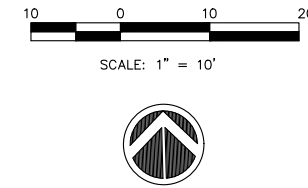
**SIDE STREETS PAVEMENT LAYOUT
STA. 46+16 LEFT, 29TH ST INTERSECTION**



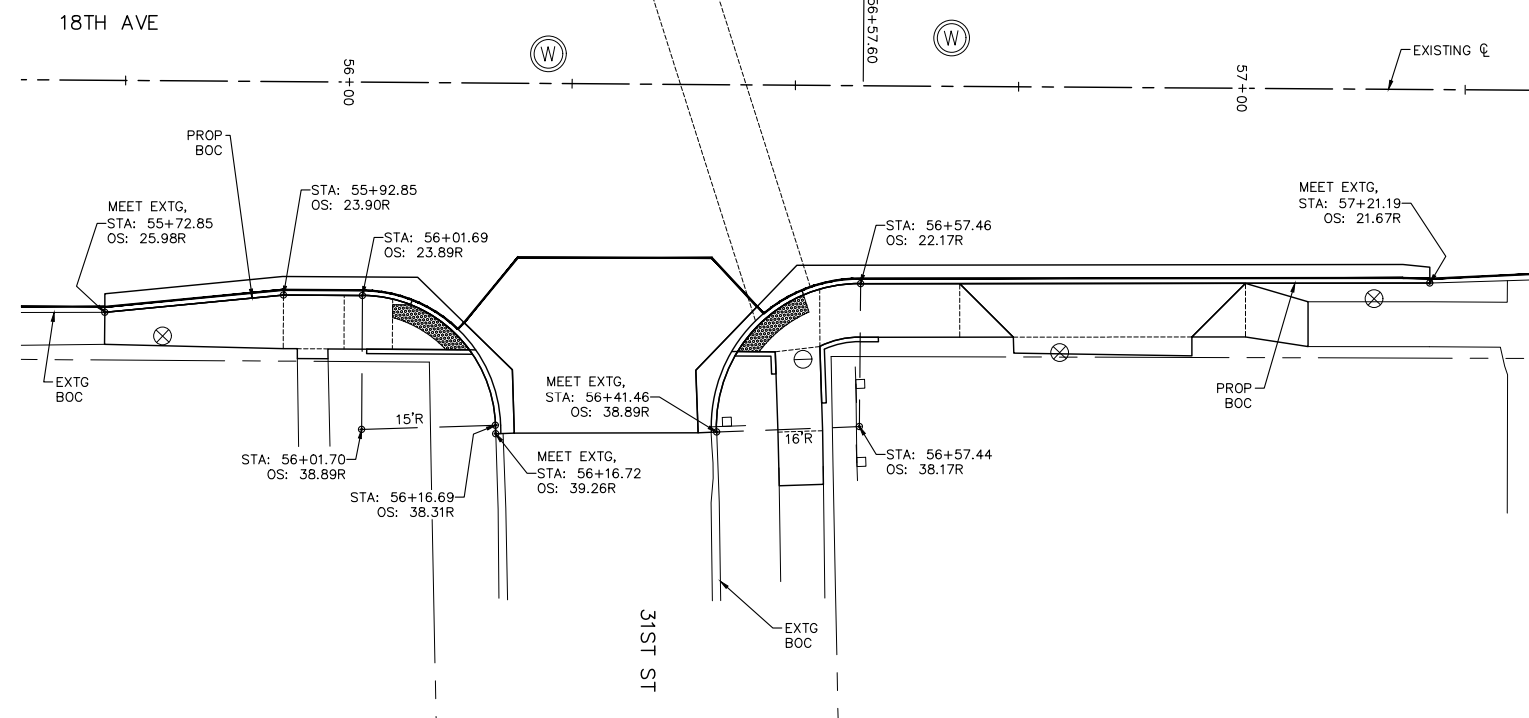
**SIDE STREETS PAVEMENT LAYOUT
STA. 46+50 RIGHT, HY-VEE ENTRANCE INTERSECTION**

NOTES:

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**SIDE STREETS PAVEMENT LAYOUT
STA. 49+42 LEFT, 29 1/2 ST INTERSECTION**



**SIDE STREETS PAVEMENT LAYOUT
STA. 56+29 RIGHT, 31ST ST INTERSECTION**

REVISIONS	DESCRIPTION	DATE
No. 1	REVISED PER 2.8.18 IDOT REVIEW	3.1.18

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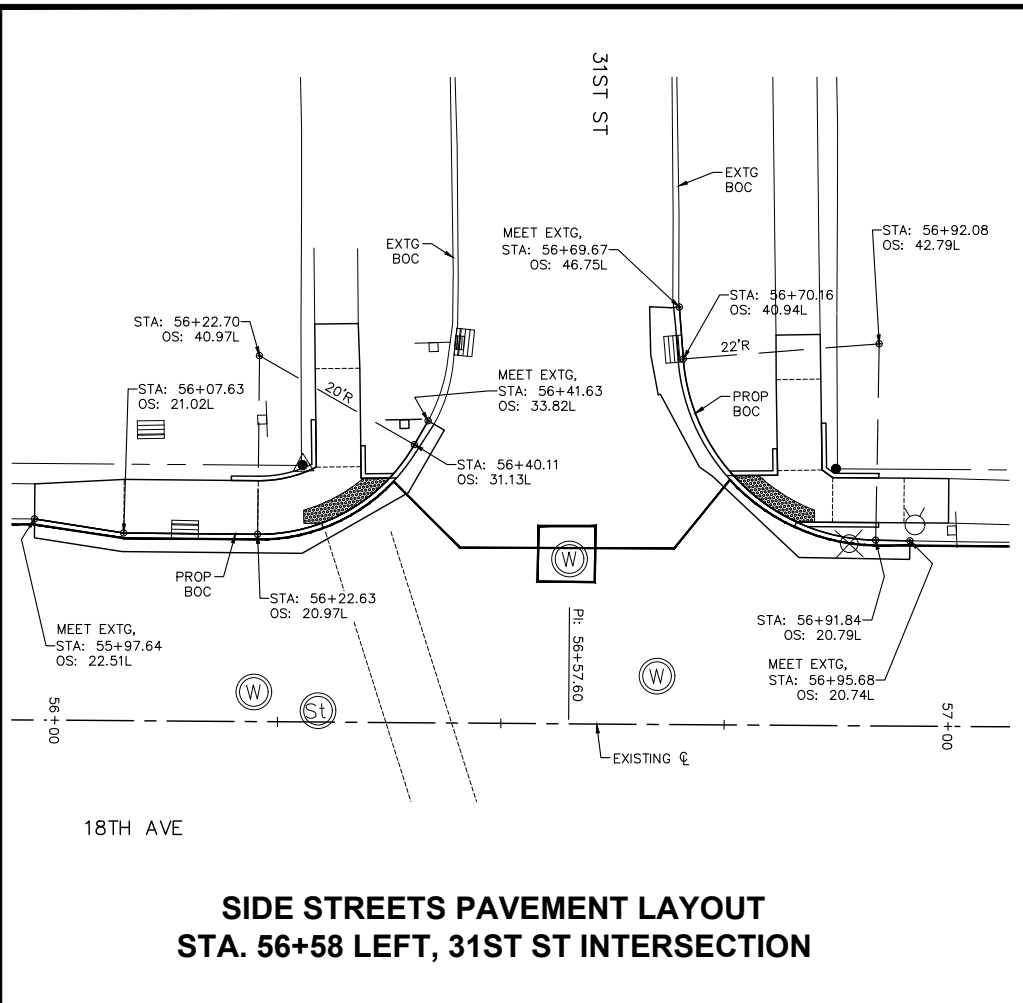
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**18TH AVE FUNCTIONAL MILL & OVERLAY
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PAVEMENT LAYOUT
SIDE STREETS**

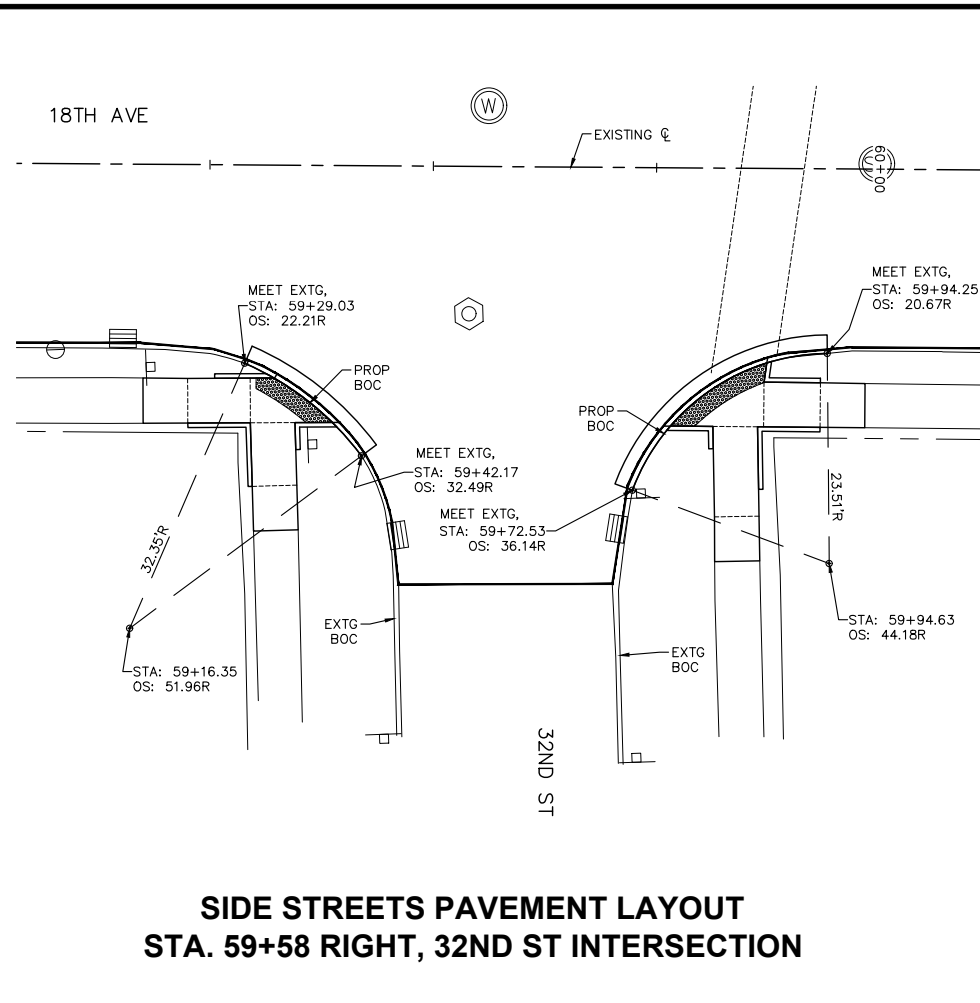
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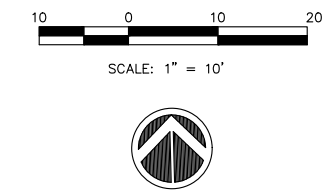
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**SIDE STREETS PAVEMENT LAYOUT
STA. 56+58 LEFT, 31ST ST INTERSECTION**

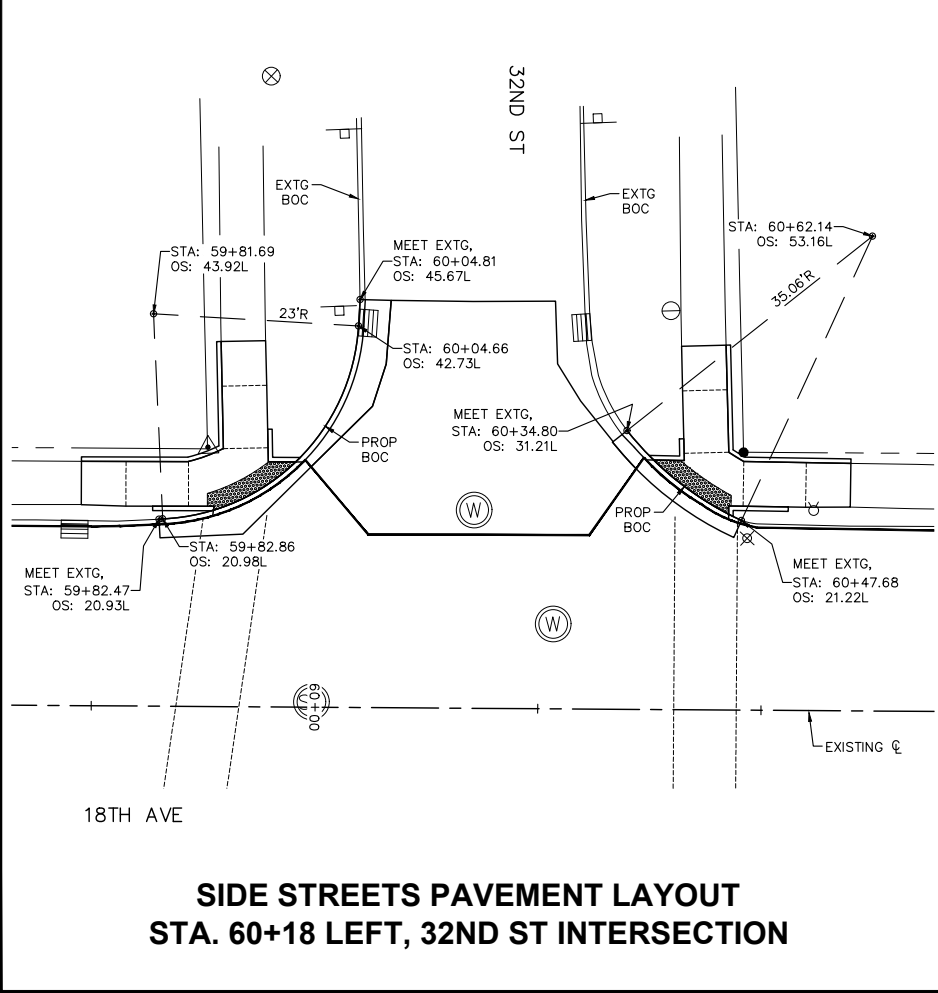


**SIDE STREETS PAVEMENT LAYOUT
STA. 59+58 RIGHT, 32ND ST INTERSECTION**

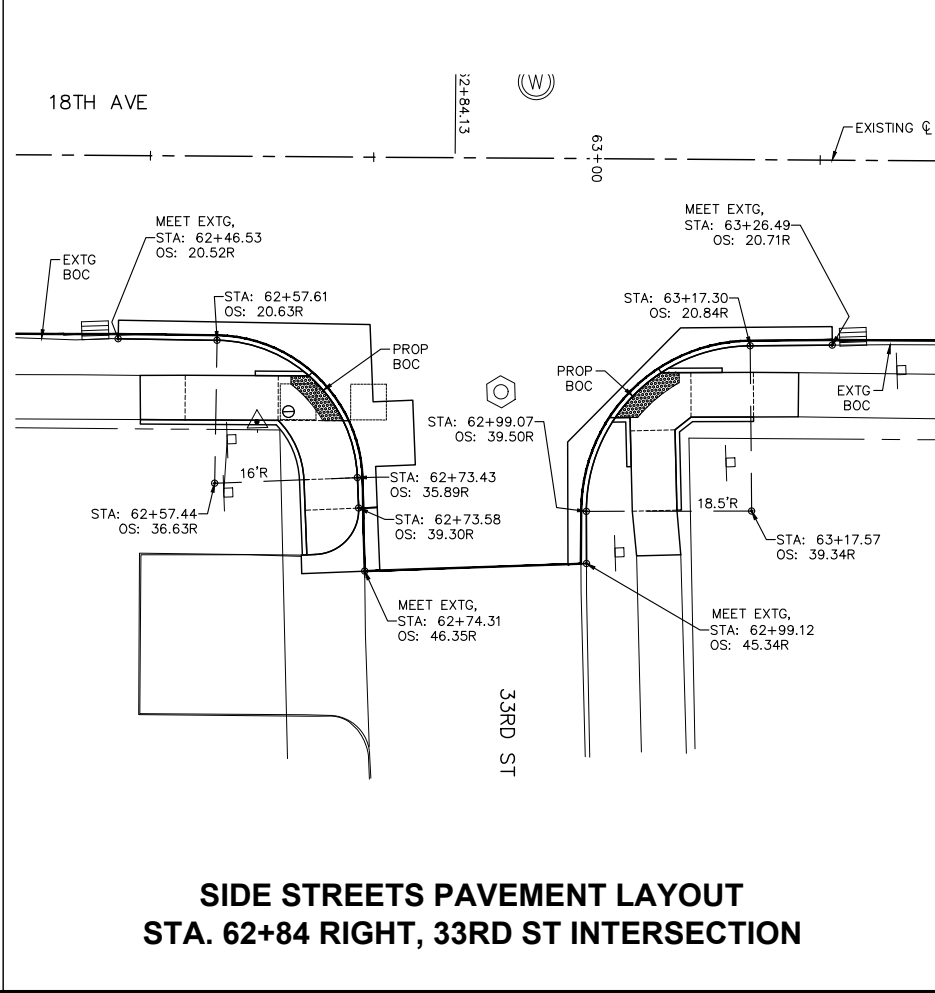


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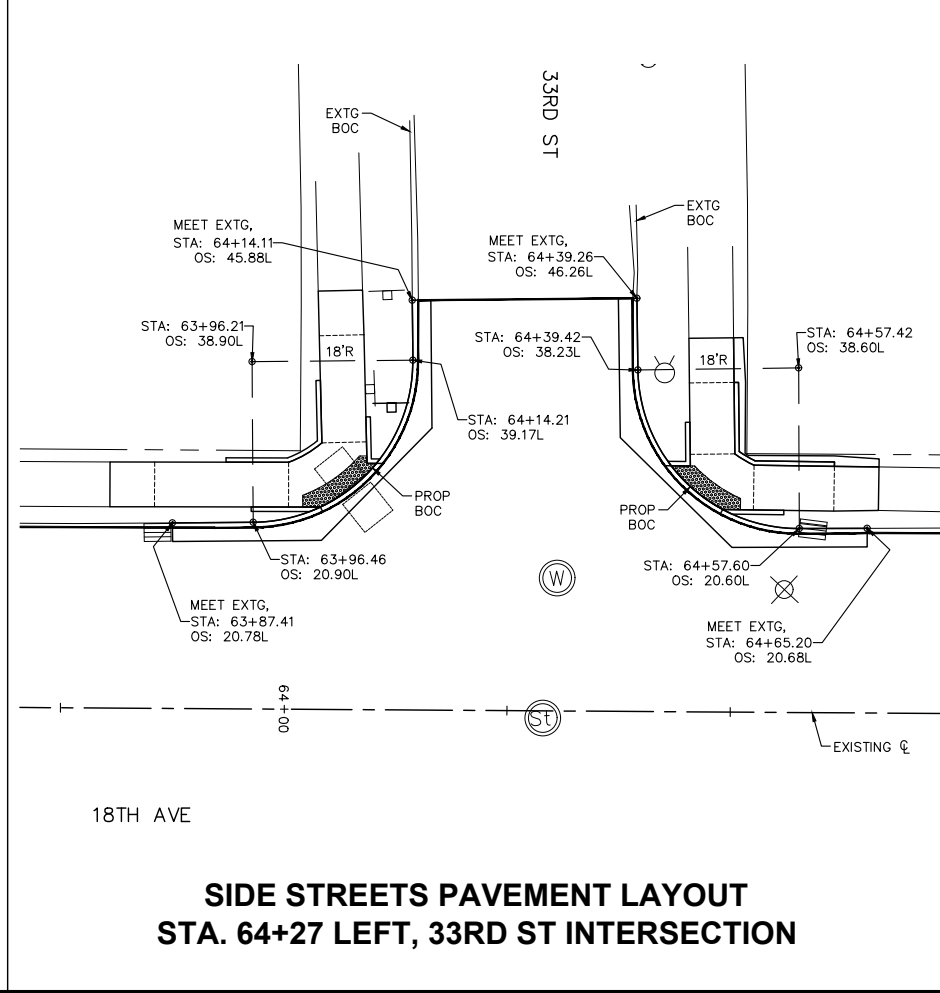
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**SIDE STREETS PAVEMENT LAYOUT
STA. 60+18 LEFT, 32ND ST INTERSECTION**



**SIDE STREETS PAVEMENT LAYOUT
STA. 62+84 RIGHT, 33RD ST INTERSECTION**



**SIDE STREETS PAVEMENT LAYOUT
STA. 64+27 LEFT, 33RD ST INTERSECTION**

REVISIONS	DESCRIPTION	DATE
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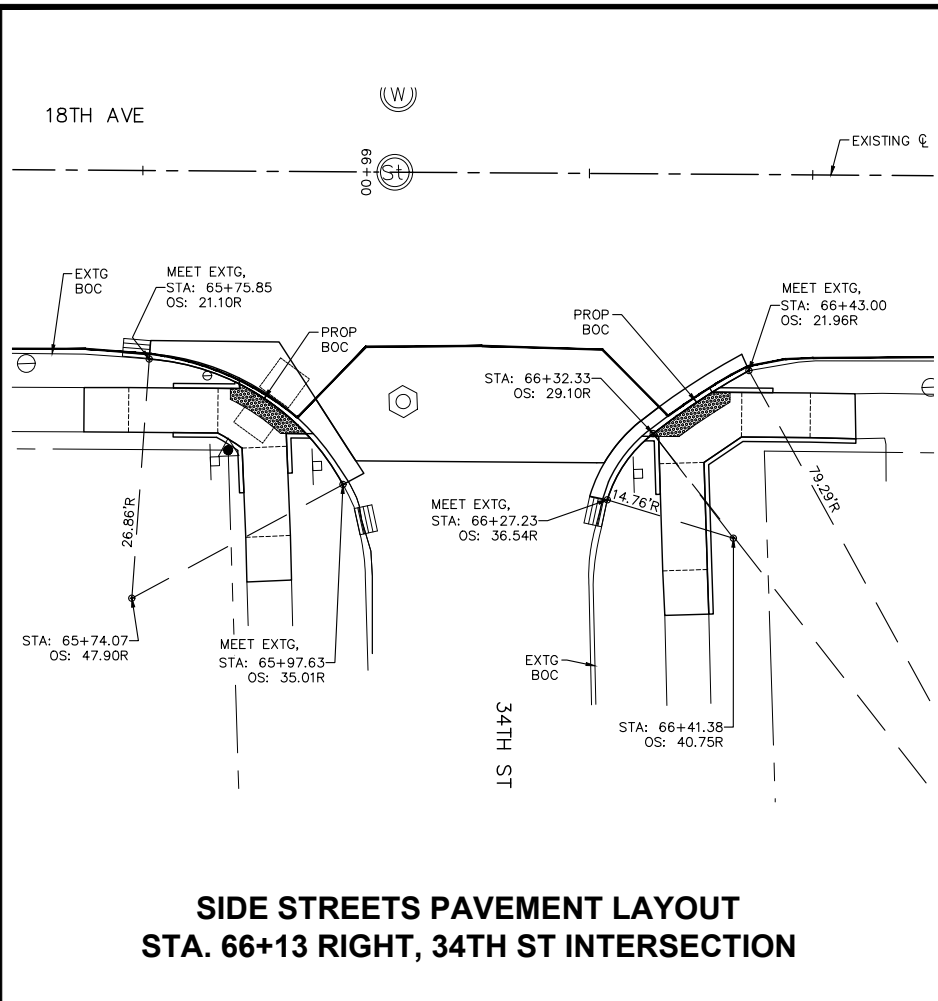
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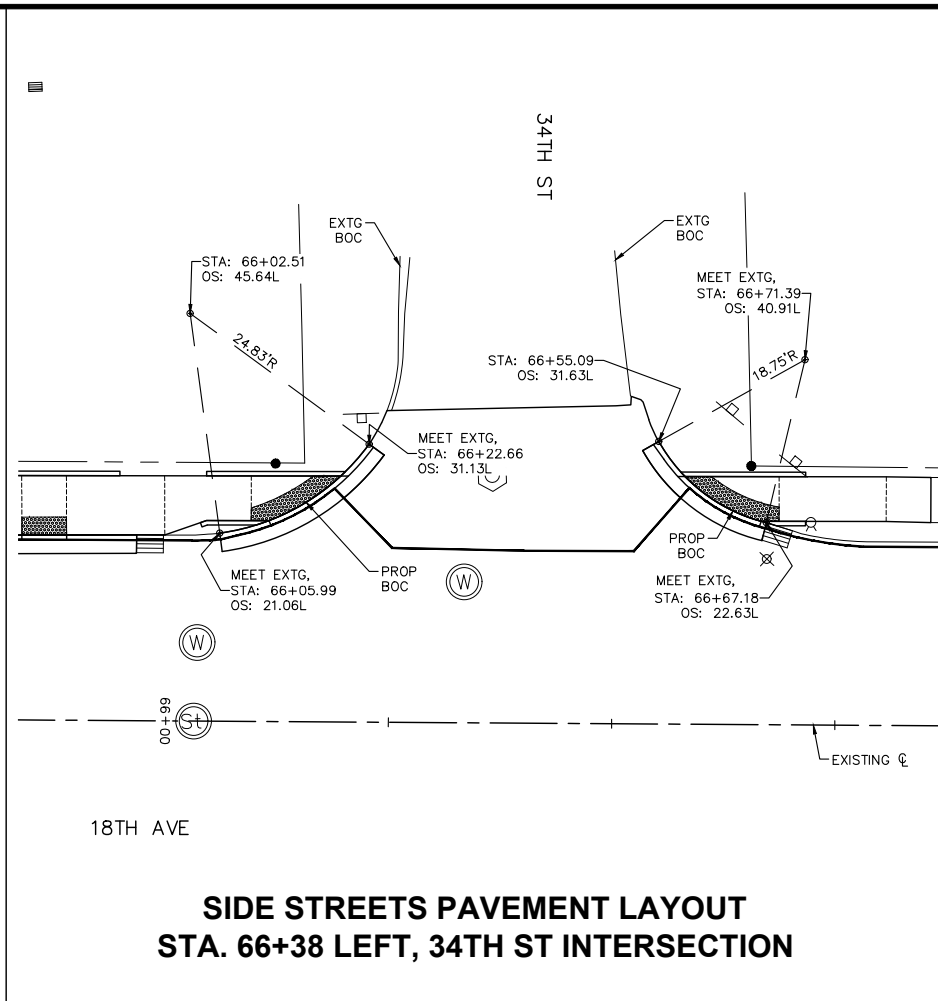
**18TH AVE FUNCTIONAL MILL & OVERLAY
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SIDE STREETS**

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C-PL5
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O:\Missman\Rock Island\Projects\2015\15MUNIA15M006A-C.RI-18thAveLAFODesign\DWG\15M006A-PVMT LAYOUT.dwg, 3/30/2018 2:55:06 PM, mckayjn



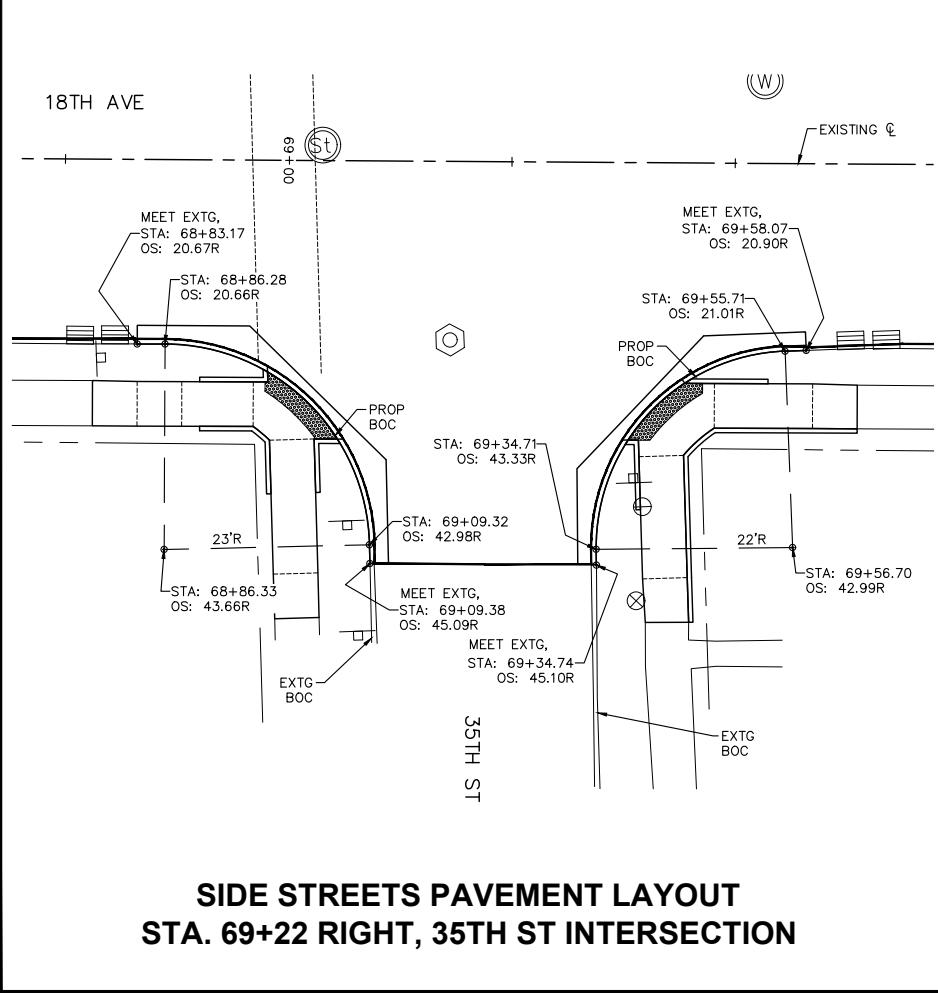
**SIDE STREETS PAVEMENT LAYOUT
STA. 66+13 RIGHT, 34TH ST INTERSECTION**



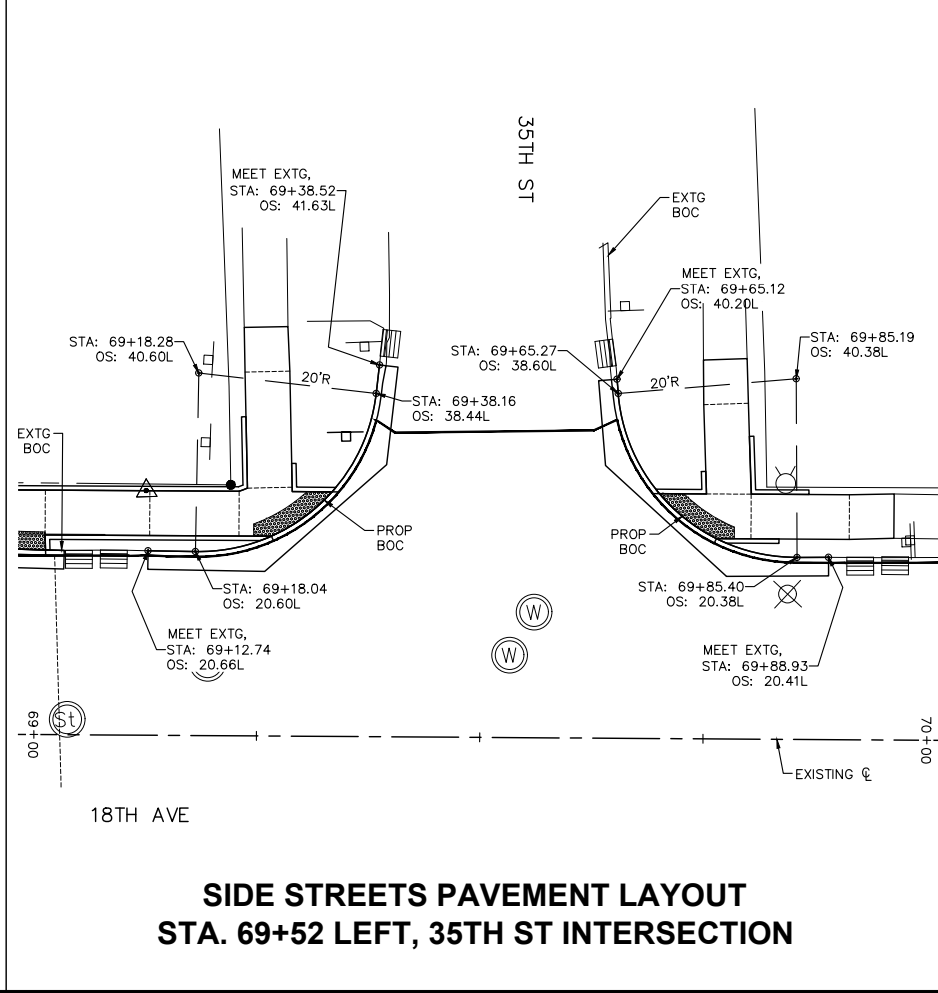
**SIDE STREETS PAVEMENT LAYOUT
STA. 66+38 LEFT, 34TH ST INTERSECTION**

NOTES:

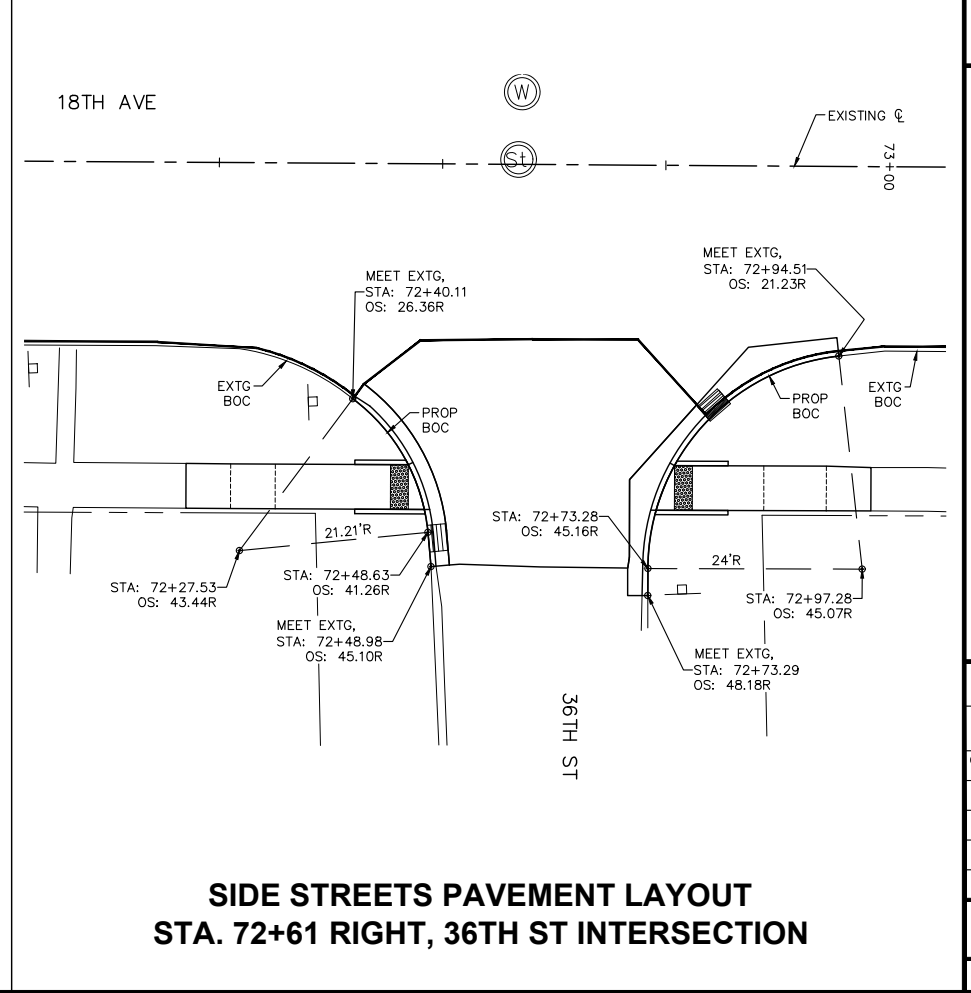
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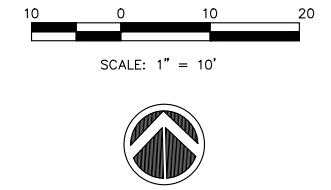
**SIDE STREETS PAVEMENT LAYOUT
STA. 69+22 RIGHT, 35TH ST INTERSECTION**



**SIDE STREETS PAVEMENT LAYOUT
STA. 69+52 LEFT, 35TH ST INTERSECTION**



**SIDE STREETS PAVEMENT LAYOUT
STA. 72+61 RIGHT, 36TH ST INTERSECTION**



REVISIONS	DESCRIPTION	DATE
No. 1	REVISED PER 2.8.18 IDOT REVIEW	3.1.18

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**18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
PAVEMENT LAYOUT
SIDE STREETS**

Missman Project No:
A15M006A

File Name:
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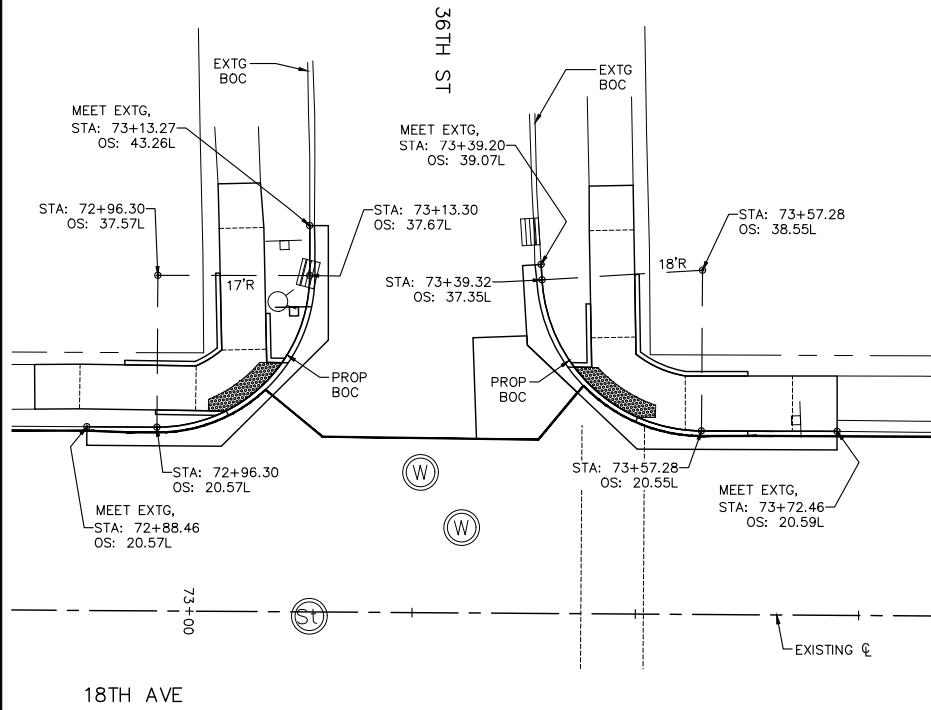
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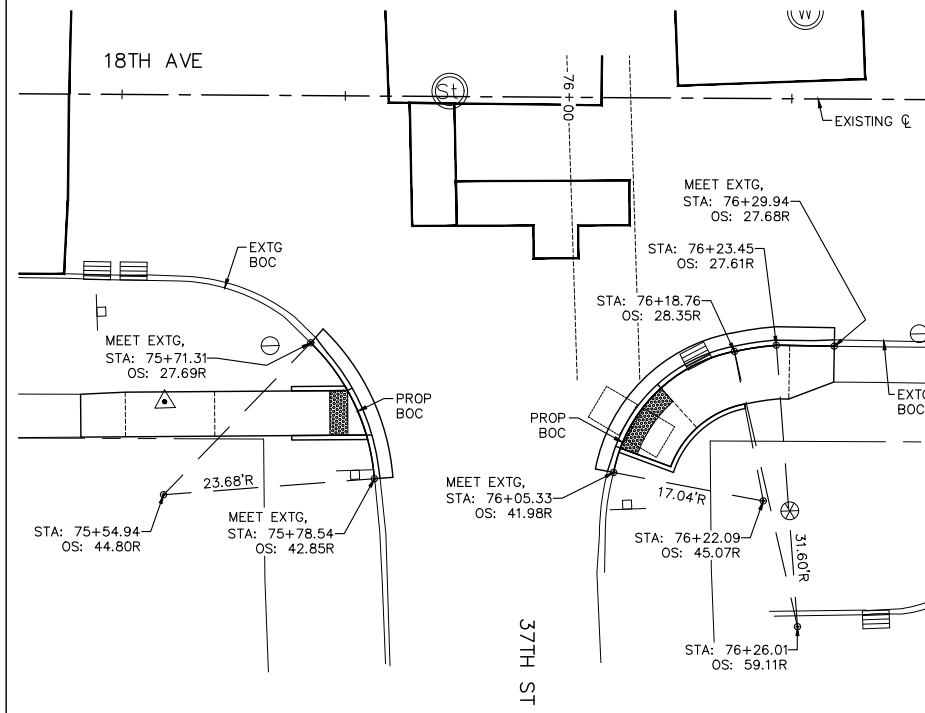
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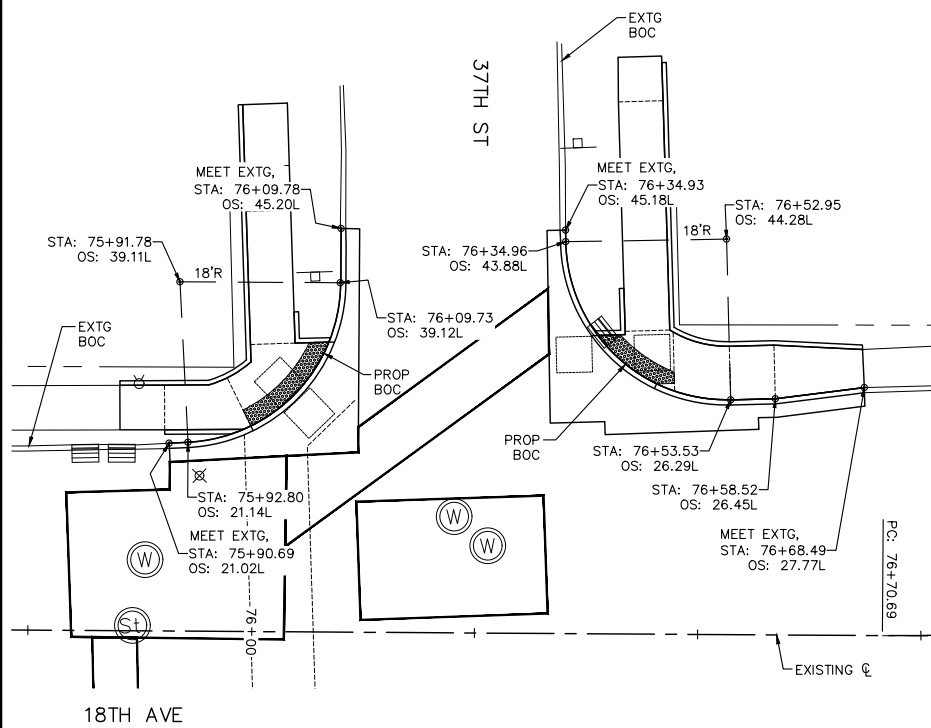
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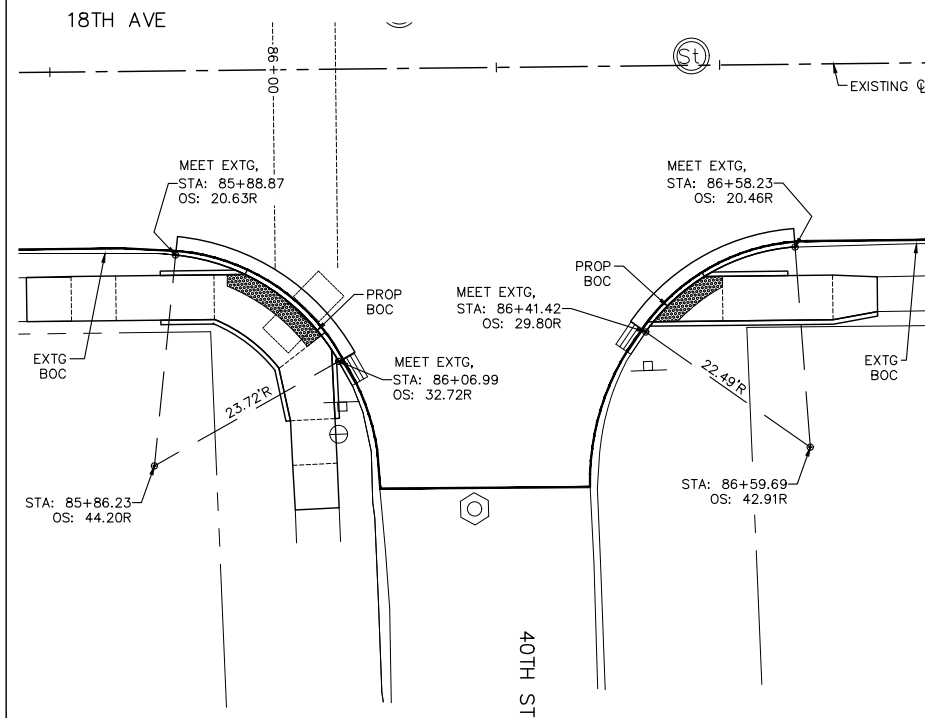
**SIDE STREETS PAVEMENT LAYOUT
STA. 73+27 LEFT, 36TH ST INTERSECTION**



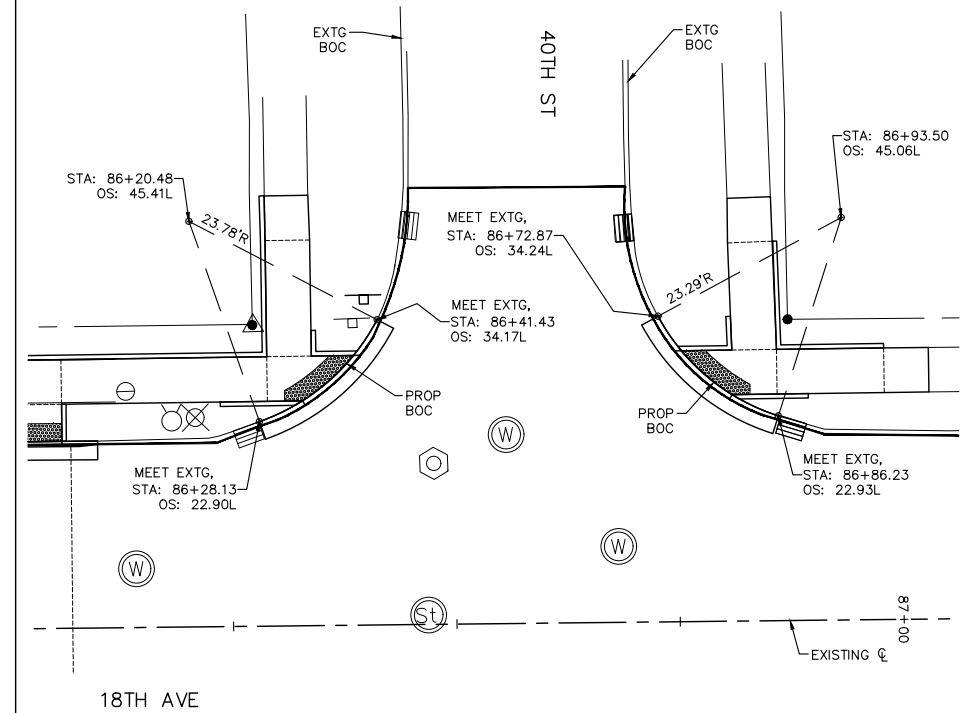
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STA. 75+91 RIGHT, 37TH ST INTERSECTION**



**SIDE STREETS PAVEMENT LAYOUT
STA. 76+22 LEFT, 37TH ST INTERSECTION**



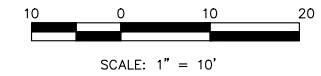
**SIDE STREETS PAVEMENT LAYOUT
STA. 86+23 RIGHT, 40TH ST INTERSECTION**



**SIDE STREETS PAVEMENT LAYOUT
STA. 86+57 LEFT, 40TH ST INTERSECTION**

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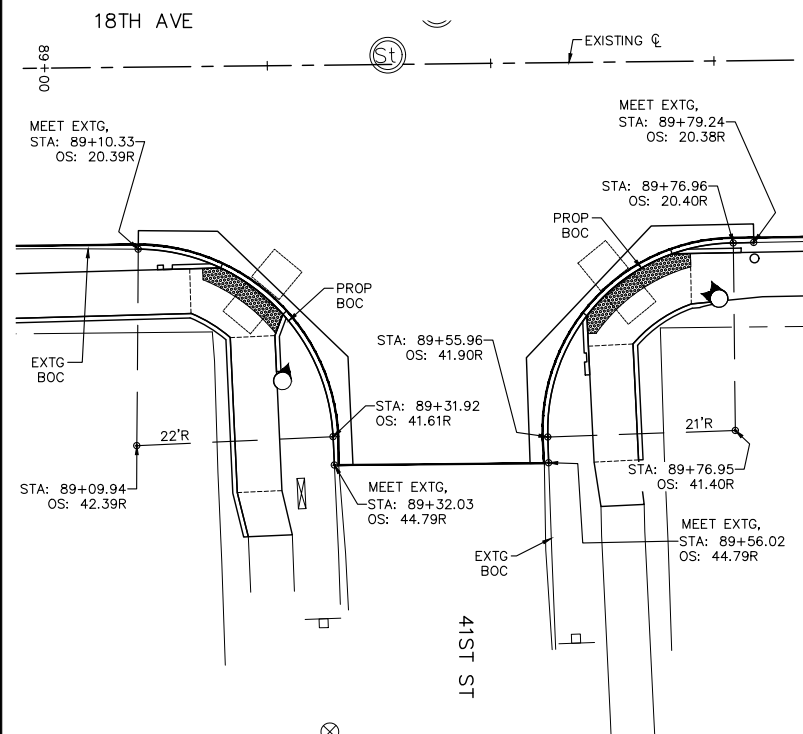
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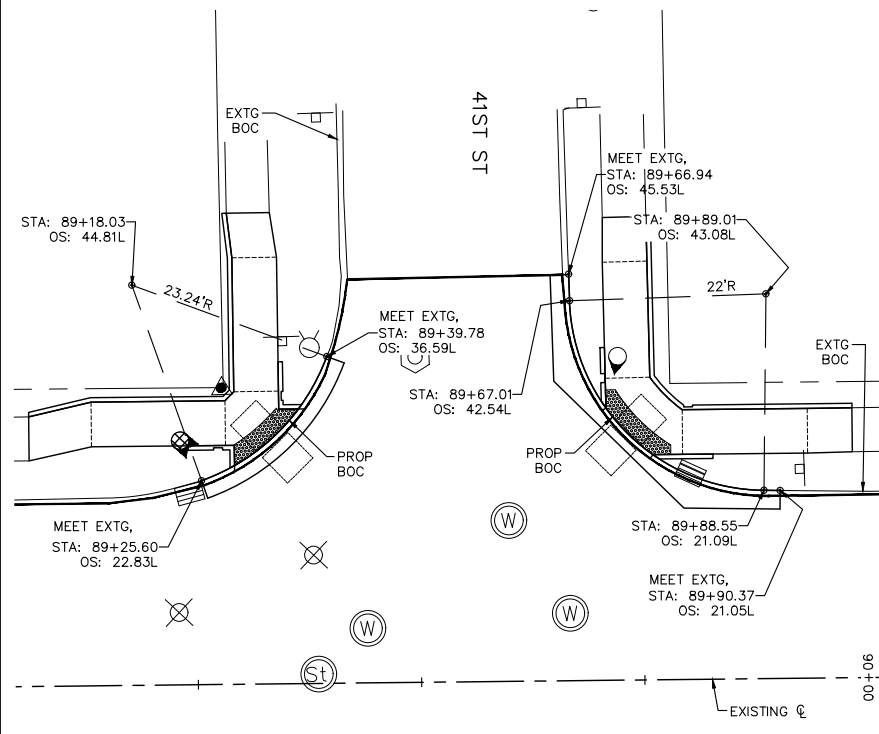
**18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
PAVEMENT LAYOUT
SIDE STREETS**

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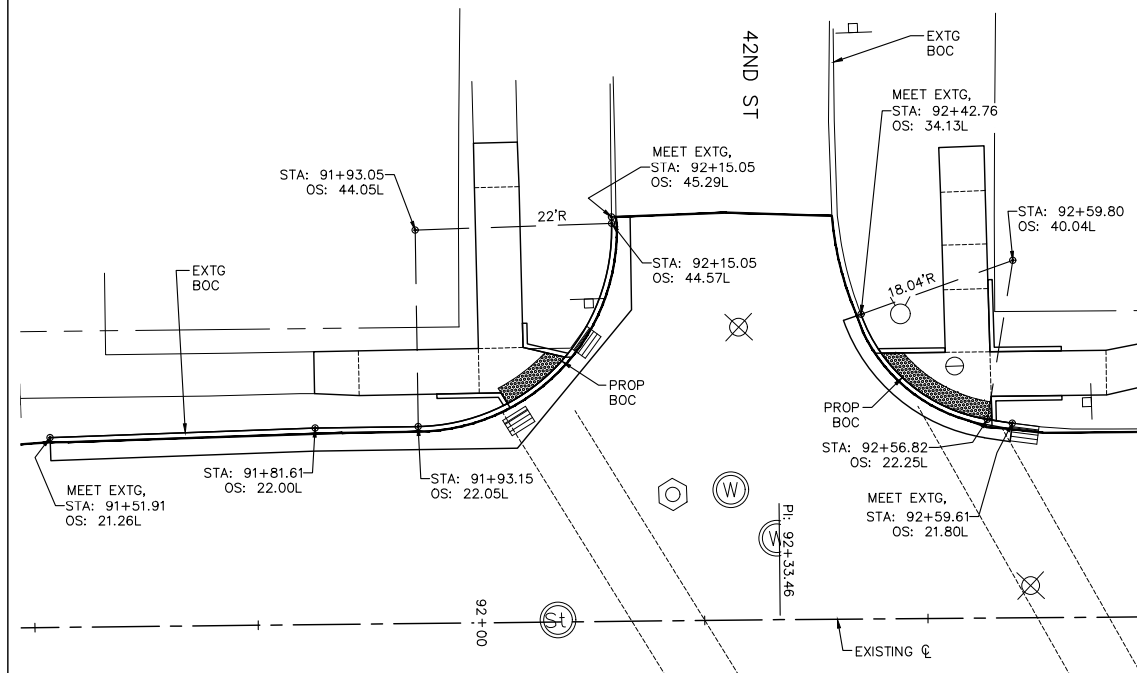
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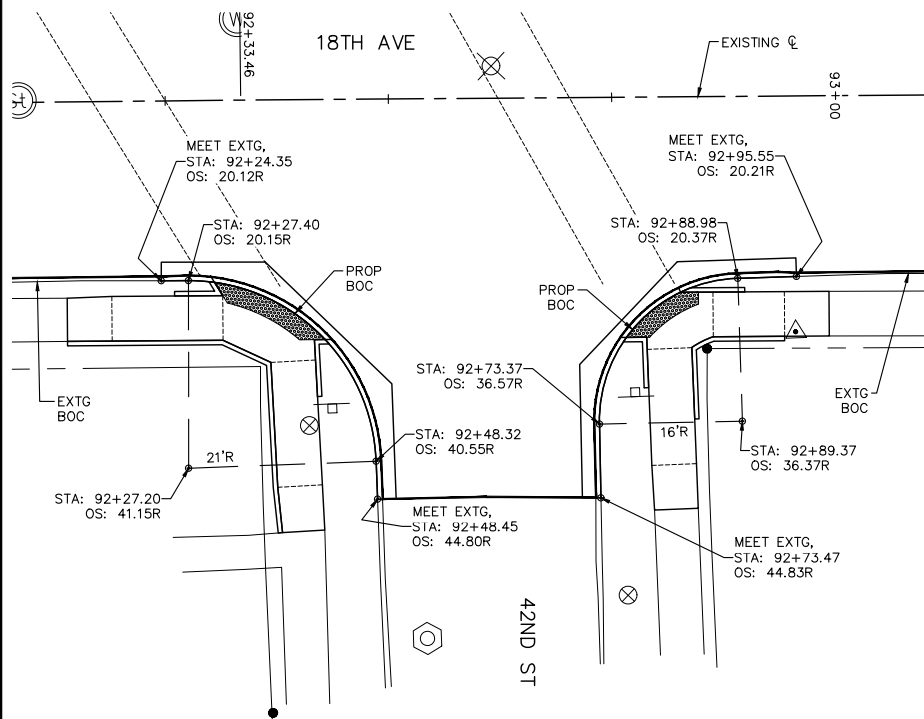
**SIDE STREETS PAVEMENT LAYOUT
STA. 89+43 RIGHT, 41ST ST INTERSECTION**



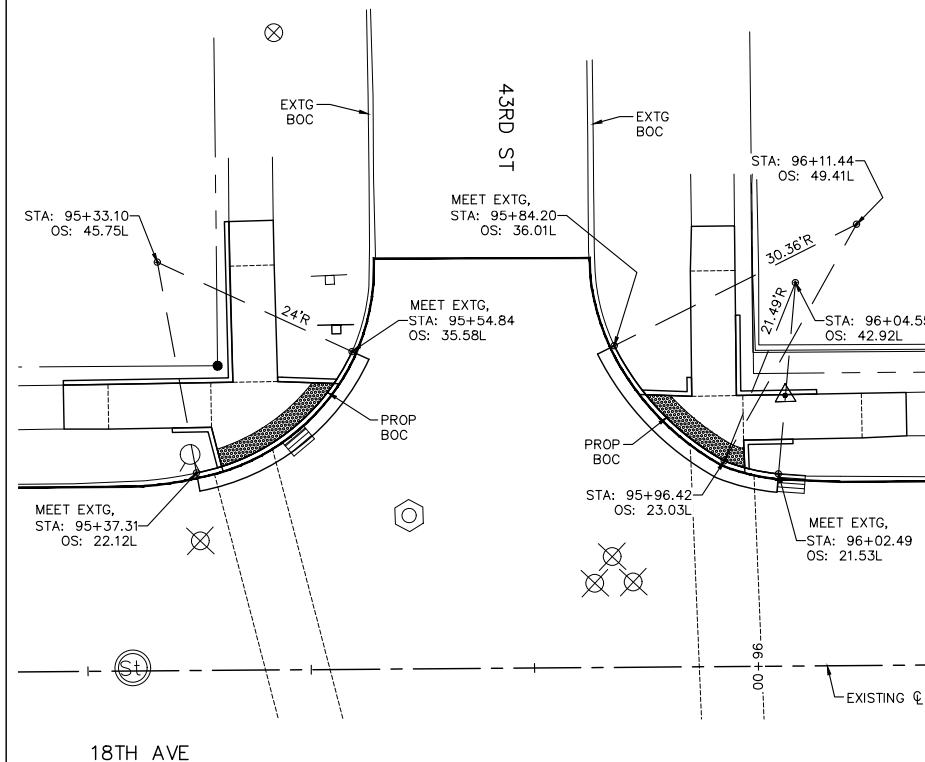
**SIDE STREETS PAVEMENT LAYOUT
STA. 89+54 LEFT, 41ST ST INTERSECTION**



**SIDE STREETS PAVEMENT LAYOUT
STA. 92+28 LEFT, 42ND ST INTERSECTION**



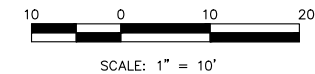
**SIDE STREETS PAVEMENT LAYOUT
STA. 92+61 RIGHT, 42ND ST INTERSECTION**



**SIDE STREETS PAVEMENT LAYOUT
STA. 95+70 LEFT, 43RD ST INTERSECTION**

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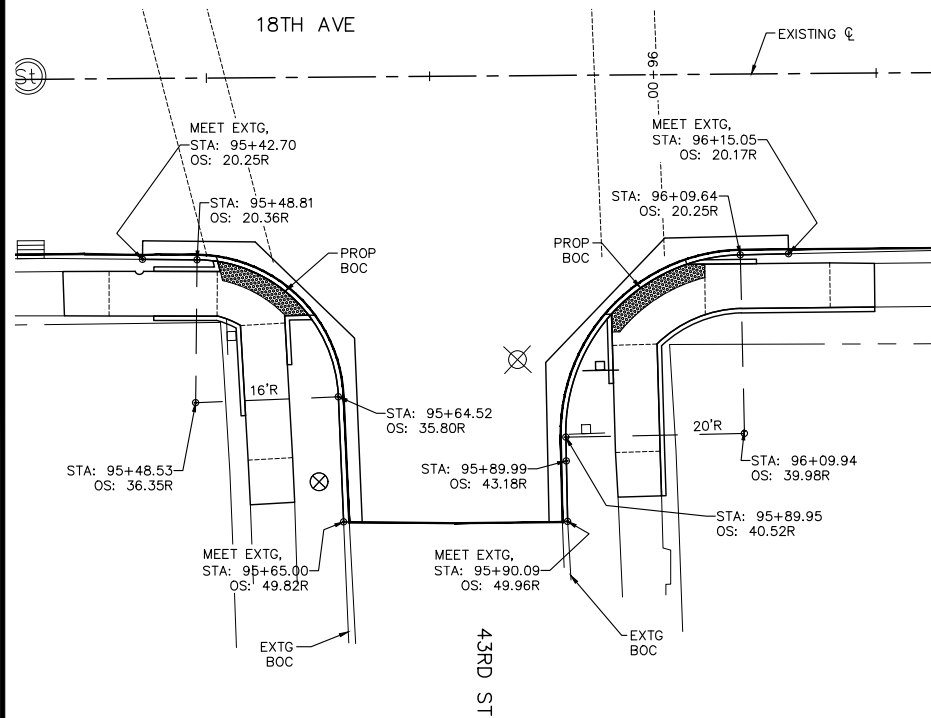
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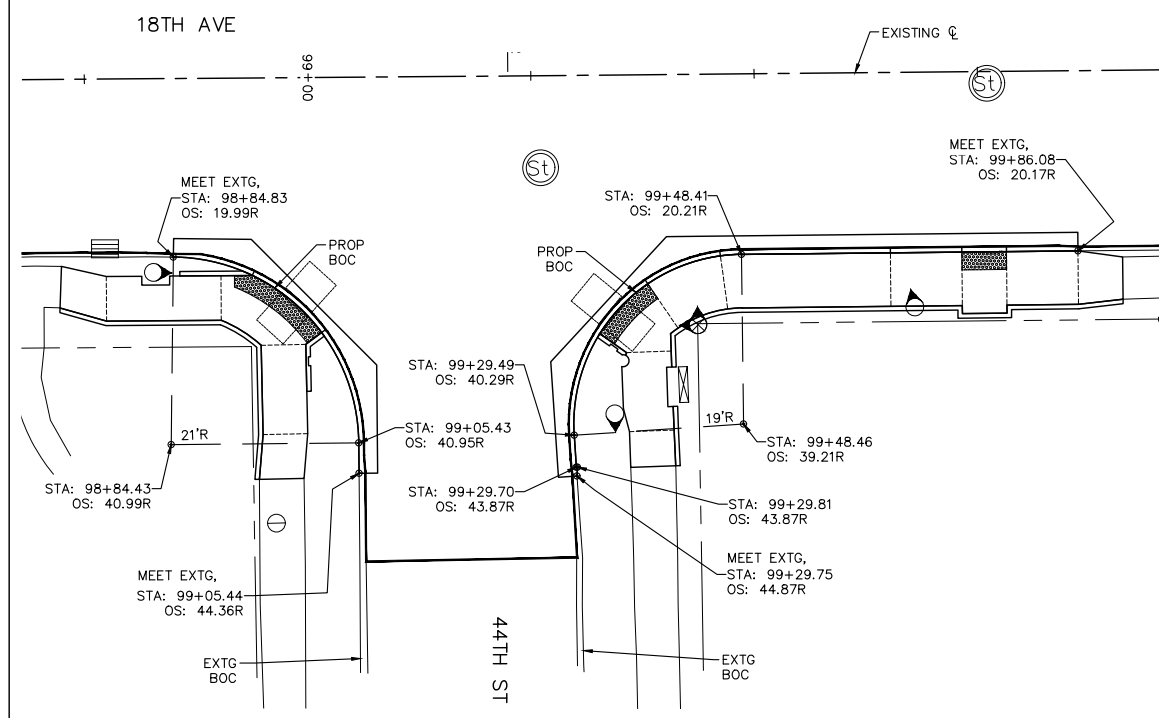
**18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
PAVEMENT LAYOUT
SIDE STREETS**

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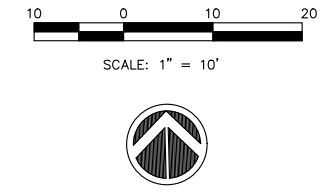
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**SIDE STREETS PAVEMENT LAYOUT
STA. 95+76 RIGHT, 43RD ST INTERSECTION**

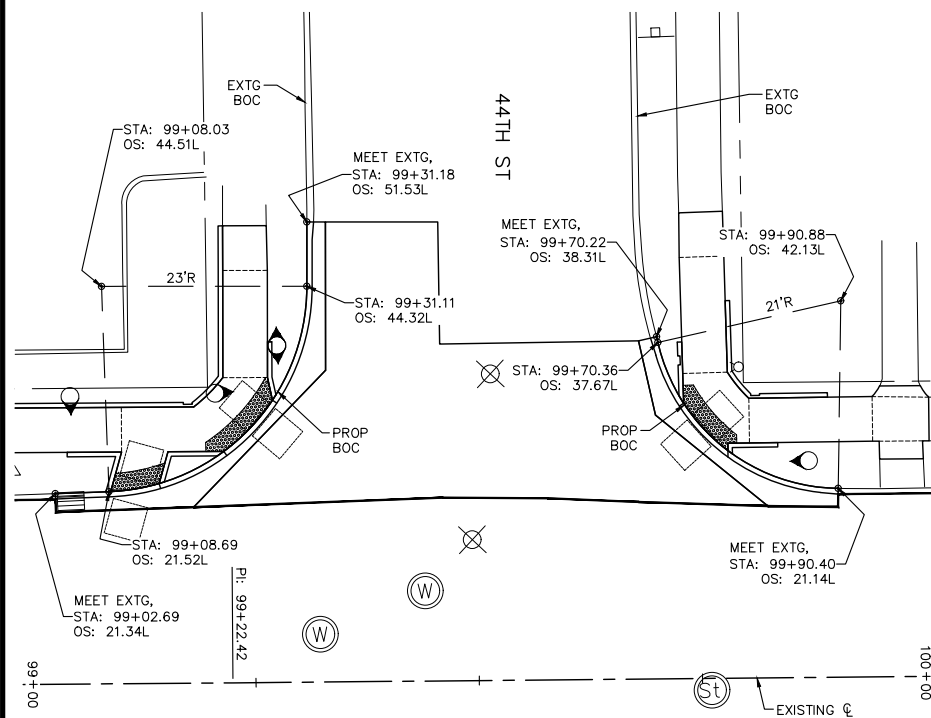


**SIDE STREETS PAVEMENT LAYOUT
STA. 99+18 RIGHT, 44TH ST INTERSECTION**

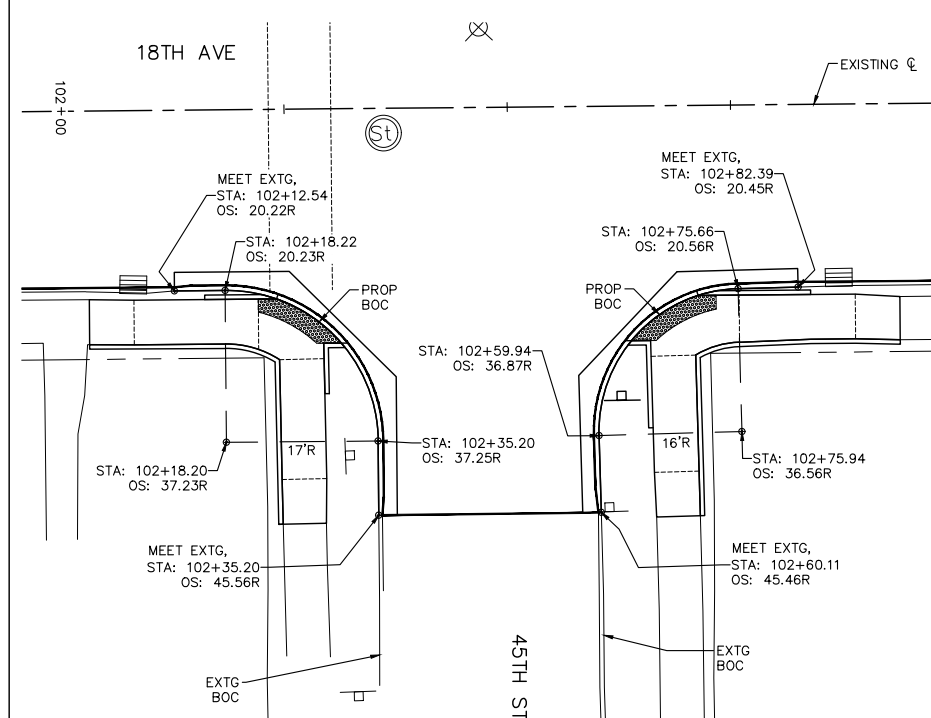


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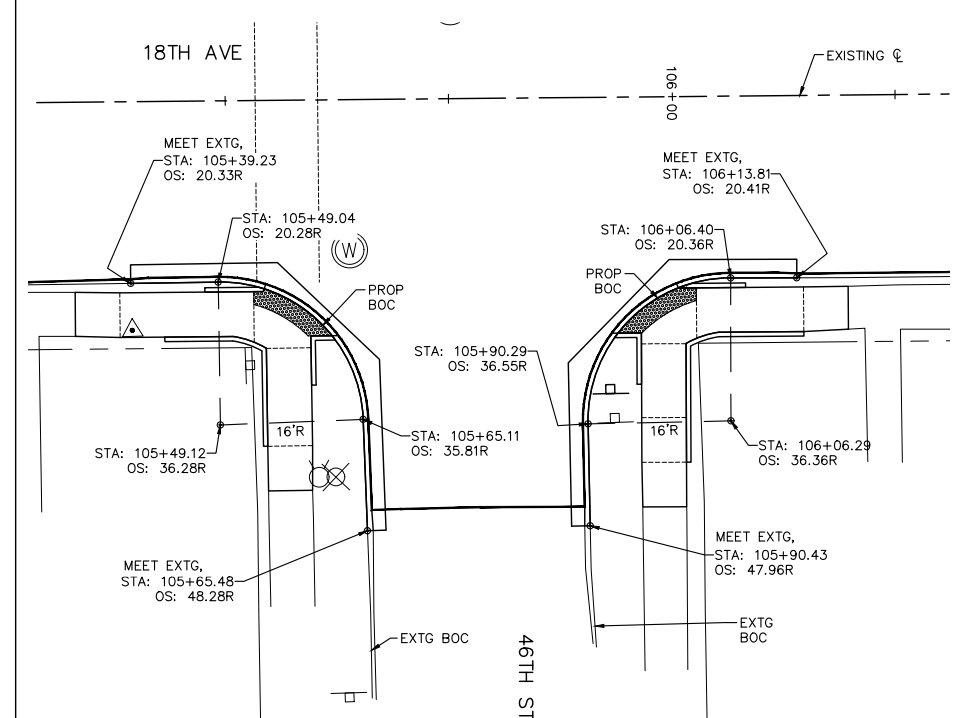
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**SIDE STREETS PAVEMENT LAYOUT
STA. 99+49 LEFT, 44TH ST INTERSECTION**



**SIDE STREETS PAVEMENT LAYOUT
STA. 102+47 RIGHT, 45TH ST INTERSECTION**



**SIDE STREETS PAVEMENT LAYOUT
STA. 105+78 RIGHT, 46TH ST INTERSECTION**

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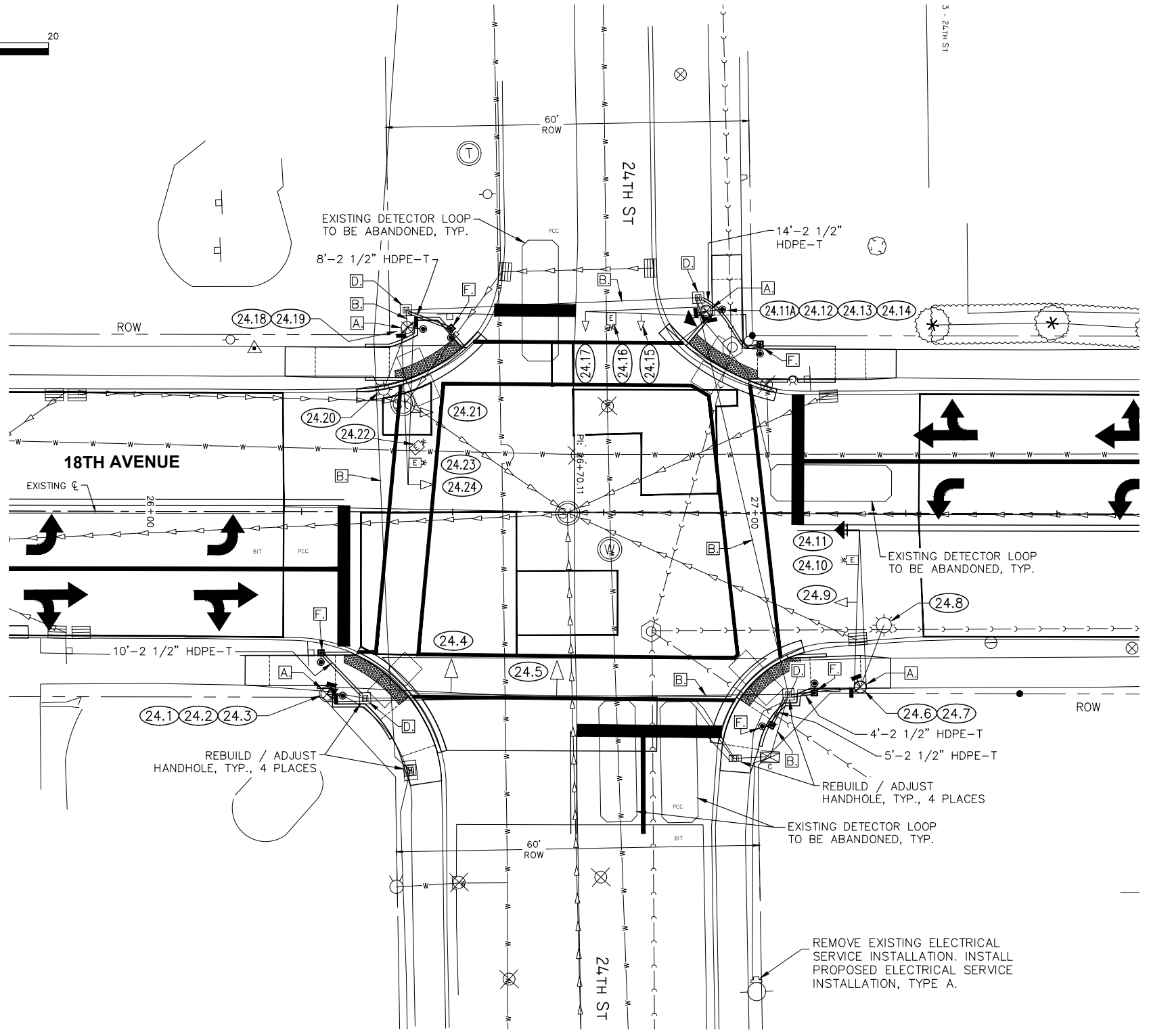
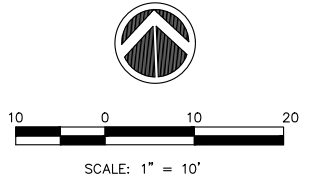
**18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
PAVEMENT LAYOUT
SIDE STREETS**

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LEGEND:

- EXISTING CONTROLLER
- EXISTING TRAFFIC SIGNAL POST
- EXISTING MAST ARM ASSEMBLY AND POLE
- EXISTING COMBINATION MAST ARM ASSEMBLY AND POLE
- EXISTING MAST ARM MOUNTED SIGNAL HEAD
- EXISTING VEHICLE DETECTION CAMERA
- EXISTING UG CABLES
- EXISTING UG CABLES IN CONDUIT
- EXISTING SINGLE HANDHOLE
- EXISTING DOUBLE HANDHOLE
- EXISTING JUNCTION BOX
- PROPOSED CONTROLLER
- PROPOSED ACCESSIBLE PEDESTRIAN SIGNAL (INCLUDING ADA PUSH BUTTON)
- PROPOSED ADA PEDESTRIAN SIGNAL HEAD
- PROPOSED TRAFFIC SIGNAL POST
- PROPOSED STEEL MAST ARM ASSEMBLY AND POLE (OR COMBINATION MA ASSEMBLY & POLE)
- PROPOSED SIGNAL HEAD WITH BACKPLATE
- PROPOSED SIGNAL HEAD (NO BACKPLATE)
- PROPOSED LIGHT ARM & 250W LUMINAIRE
- PROPOSED VEHICLE DETECTION CAMERA
- PROPOSED CABLE IN CONDUIT : "T" TRENCH, "P" PUSH
- PROPOSED PCC SINGLE HANDHOLE
- PROPOSED PCC DOUBLE HANDHOLE
- PROPOSED PEDESTRIAN PUSH BUTTON POST
- PROPOSED JUNCTION BOX
- PROPOSED DETECTOR LOOP
- PROPOSED LOCATION IDENTIFICATION NUMBER (24.1 = 24TH STREET, LOCATION 1)

LETTERED NOTES :

- A** REMOVE EXTG PEDESTRIAN PUSH BUTTON AND PEDESTRIAN SIGNAL HEAD. FURNISH AND INSTALL PROPOSED NEW ACCESSIBLE PEDESTRIAN SIGNAL (INCLUDING ADA PUSH BUTTON) AND ADA PEDESTRIAN SIGNAL HEAD (TYP. 8 PLACES). INSTALL COVERS OVER ANY UNUSED OPENINGS IN THE EXTG TRAFFIC SIGNAL POSTS.
- B** EXTG CABLES IN CONDUIT, REUSE. PULL OUT EXTG CABLES AS REQUIRED TO INSTALL PROPOSED CABLES. REINSTALL EXTG / PROPOSED CABLES INTO EXTG CONDUITS AS REQUIRED, TYPICAL. UNLESS SCHEDULED OTHERWISE, INCLUDE ALL COST FOR THIS CABLE REMOVAL & REINSTALLATION WORK IN THE "ELECTRIC CABLE IN CONDUIT" CONTRACT UNIT PRICES.
- D** REMOVE EXTG CONDUITS AND DRILL ENTRANCES INTO EXTG HANDHOLES FOR NEW CONDUITS AS REQUIRED. INCLUDE COSTS FOR THIS WORK IN THE CONTRACT UNIT PRICES FOR UNDERGROUND CONDUIT.
- F** FURNISH AND INSTALL PROPOSED PEDESTRIAN PUSH BUTTON POST (5 EACH - ONE PUSH BUTTON) PER IDOT STANDARD 876001, TYPICAL 5 PLACES.

NOTES:

1. SEE THE TRAFFIC CONTROL PLAN FOR STAGING REQUIREMENTS.
2. SEE SHEET C-TS6 FOR TRAFFIC SIGNAL GENERAL NOTES.

MAST ARM ASSEMBLY AND POLE DETAIL TABLE						
LOCATION	ARM LENGTH	FDN DEPTH	FDN DIAMETER	FDN TYPE	POLE HEIGHT	REMARK
NW CORNER	26'	---	24"	ROUND	---	EXISTING, TO REMAIN IN-PLACE.
NE CORNER	20'	---	18"	SQUARE	---	EXISTING, TO REMAIN IN-PLACE.
SW CORNER	38'	---	30"	ROUND	---	EXISTING, TO REMAIN IN-PLACE.
SE CORNER	24'	---	24"	ROUND	---	EXISTING, TO REMAIN IN-PLACE.

PROPOSED TRAFFIC SIGNAL POST EQUIPMENT			
LOCATION	DESCRIPTION	FOUNDATION	REMARK
NW CORNER	PROPOSED PEDESTRIAN PUSH BUTTON POST (ONE PUSH BUTTON)	STANDARD 876001	NEW, 87601100
NE CORNER	PROPOSED PEDESTRIAN PUSH BUTTON POST (ONE PUSH BUTTON)	STANDARD 876001	NEW, 87601100
SW CORNER	PROPOSED PEDESTRIAN PUSH BUTTON POST (ONE PUSH BUTTON)	STANDARD 876001	NEW, 87601100
SE CORNER	PROPOSED PEDESTRIAN PUSH BUTTON POSTS, 2 EA. (ONE PUSH BUTTON)	STANDARD 876001	NEW, 2 EA., 87601100

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18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS

TRAFFIC SIGNAL PLANS
24TH STREET AT 18TH AVENUE

Missman Project No:
A15M006A

File Name:
A15M006A-TRAFFIC SIGNAL.dwg

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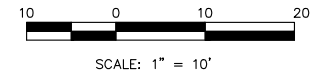
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C-TS1

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NOTES:

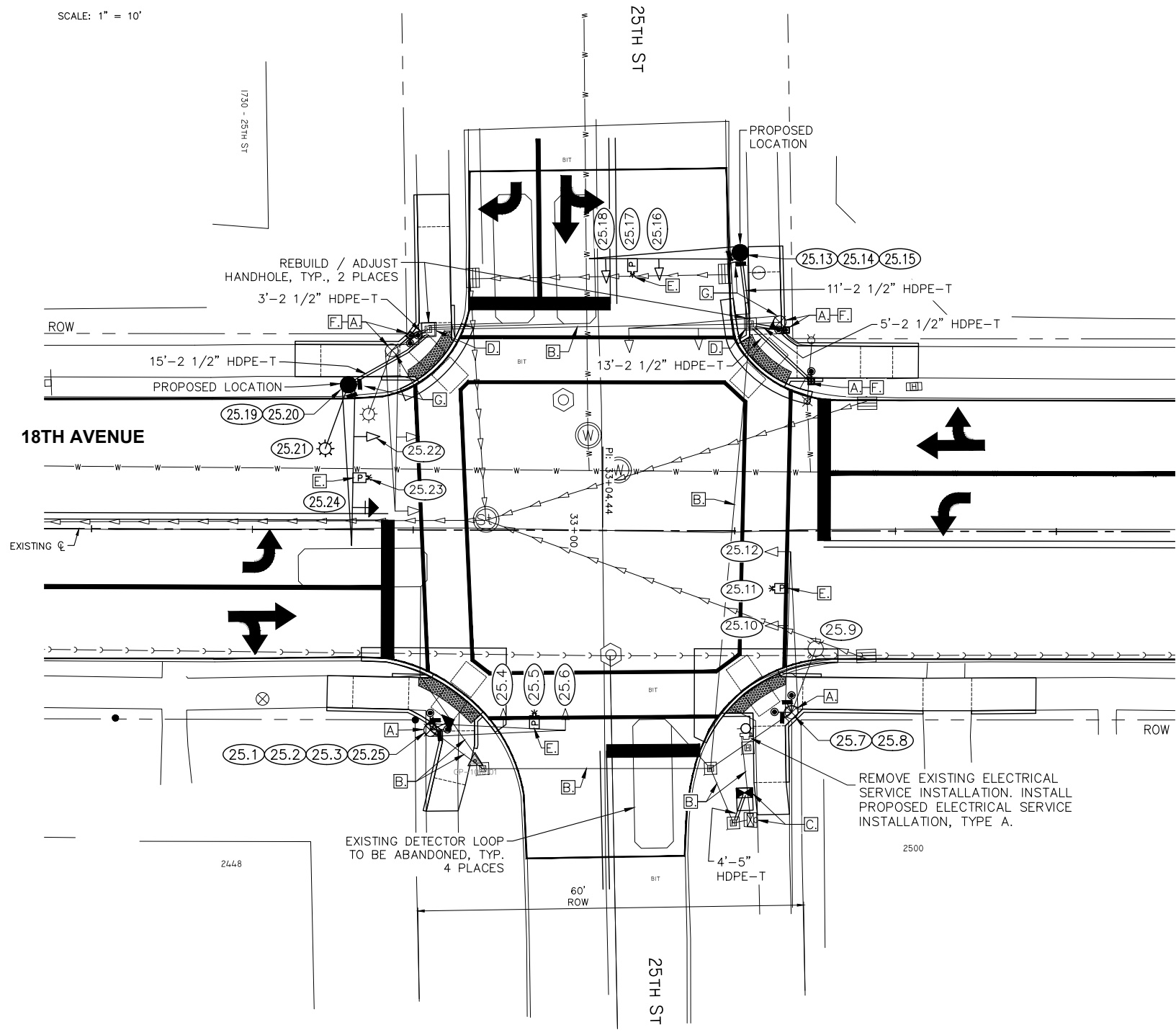
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- EXISTING TRAFFIC SIGNAL POST
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- EXISTING COMBINATION MAST ARM ASSEMBLY AND POLE
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- EXISTING VEHICLE DETECTION CAMERA
- EXISTING UG CABLES
- EXISTING UG CABLES IN CONDUIT
- EXISTING SINGLE HANDHOLE
- EXISTING DOUBLE HANDHOLE
- EXISTING JUNCTION BOX
- PROPOSED CONTROLLER
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- PROPOSED TRAFFIC SIGNAL POST
- PROPOSED STEEL MAST ARM ASSEMBLY AND POLE (OR COMBINATION MA ASSEMBLY & POLE)
- PROPOSED SIGNAL HEAD WITH BACKPLATE
- PROPOSED SIGNAL HEAD (NO BACKPLATE)
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LETTERED NOTES :

- A** REMOVE EXTG PEDESTRIAN PUSH BUTTON AND PEDESTRIAN SIGNAL HEAD. FURNISH AND INSTALL PROPOSED NEW ACCESSIBLE PEDESTRIAN SIGNAL (INCLUDING ADA PUSH BUTTON) AND ADA PEDESTRIAN SIGNAL HEAD (TYP. 8 PLACES). INSTALL COVERS OVER ANY UNUSED OPENINGS IN THE EXTG TRAFFIC SIGNAL POSTS.
- B** EXTG CABLES IN CONDUIT, REUSE. PULL OUT EXTG CABLES AS REQUIRED TO INSTALL PROPOSED CABLES. REINSTALL EXTG / PROPOSED CABLES INTO EXTG CONDUITS AS REQUIRED, TYPICAL. UNLESS SCHEDULED OTHERWISE, INCLUDE ALL COST FOR THIS CABLE REMOVAL & REINSTALLATION WORK IN THE "ELECTRIC CABLE IN CONDUIT" CONTRACT UNIT PRICES.
- C** REMOVE EXTG CONTROLLER, CABINET, AND FOUNDATION. FURNISH AND INSTALL NEW TYPE D CONCRETE FOUNDATION, CABINET AND CONTROLLER. RE-WIRE EQUIPMENT AS REQUIRED. FINAL LOCATION & FOUNDATION SIZE TO BE DETERMINED IN THE FIELD BY CRI AT THE TIME OF CONSTRUCTION. THE COST OF ALL MODIFICATIONS REQUIRED TO INSTALL AND CONNECT THE PROPOSED EQUIPMENT SHALL BE INCLUDED IN THE CONTACT UNIT PRICE FOR 85704804 FULL-ACTUATED CONTROLLER IN CABINET.
- D** REMOVE EXTG CONDUITS AND DRILL ENTRANCES INTO EXTG HANDHOLES FOR NEW CONDUITS AS REQUIRED. INCLUDE COSTS FOR THIS WORK IN THE CONTRACT UNIT PRICES FOR UNDERGROUND CONDUIT.
- E** FURNISH AND INSTALL PROPOSED VIDEO DETECTION CAMERA, TYPICAL 4 PLACES. SEE DETAIL ON SHEET C-TS10.
- F** FURNISH AND INSTALL PROPOSED PEDESTRIAN PUSH BUTTON POST (1 EACH - TWO PUSH BUTTON & 2 EACH - ONE PUSH BOTTON) PER IDOT STANDARD 876001, TYPICAL 3 PLACES.
- G** RELOCATE EXISTING TRAFFIC SIGNAL MAST ARM / POLE ASSEMBLY (TRAFFIC SIGNAL POLE, MAST ARM, SIGNALS, SIGNAL HEADS, PUSH BUTTONS, LIGHT ARM, LUMINAIRE, ETC.) ONTO NEW FOUNDATION. REMOVE AND DISPOSE OF EXISTING FOUNDATION. REWIRE TRAFFIC EQUIPMENT. INCLUDE ALL COSTS IN THE "RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE" CONTRACT UNIT PRICE, TYPICAL 2 PLACES (NW & NE CORNERS ONLY). THE RELOCATION PAY ITEM SHALL INCLUDE BOTH REMOVING AND REINSTALLING THE EQUIPMENT.



LOCATION	ARM LENGTH	FDN DEPTH	FDN DIAMETER	FDN TYPE	POLE HEIGHT	REMARK
NW CORNER	25'	10'	30"	E	---	EXISTING, TO BE RELOCATED.
NE CORNER	23.5'	10'	30"	E	---	EXISTING, TO BE RELOCATED.
SW CORNER	21'	---	24"	---	---	EXISTING, TO REMAIN IN-PLACE.
SE CORNER	25'	---	24"	---	---	EXISTING, TO REMAIN IN-PLACE.

LOCATION	DESCRIPTION	FOUNDATION	REMARK
NW CORNER	PROPOSED PEDESTRIAN PUSH BUTTON POST (TWO PUSH BUTTON)	STANDARD 876001	NEW, 87601100
NE CORNER	PROPOSED PEDESTRIAN PUSH BUTTON POSTS, 2 EA. (ONE PUSH BUTTON)	STANDARD 876001	NEW, 2 EA., 87601100

REVISIONS	DESCRIPTION	DATE
No. 1	REVISED PER 2.8.18 IDOT REVIEW	3.1.18

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ROCK ISLAND, ILLINOIS

TRAFFIC SIGNAL PLANS
25TH STREET AT 18TH AVENUE

Missman Project No:
A15M006A

File Name:
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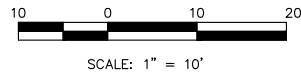
Date: 2/5/2018

C-TS2

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NOTES:

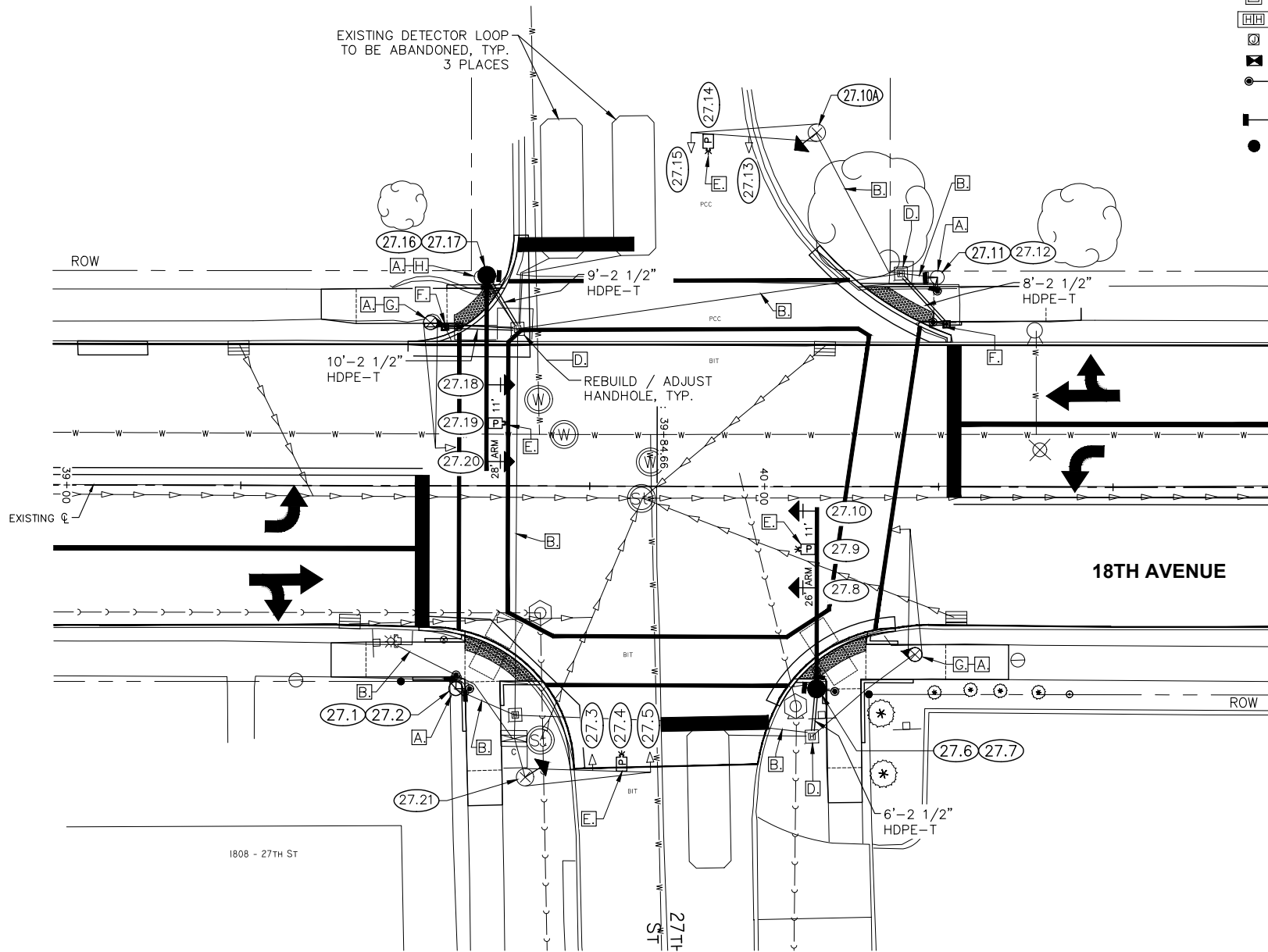
1. SEE THE TRAFFIC CONTROL PLAN FOR STAGING REQUIREMENTS.
2. SEE SHEET C-TS6 FOR TRAFFIC SIGNAL GENERAL NOTES.

LEGEND:

- EXISTING CONTROLLER
- EXISTING TRAFFIC SIGNAL POST
- EXISTING MAST ARM ASSEMBLY AND POLE
- EXISTING COMBINATION MAST ARM ASSEMBLY AND POLE
- EXISTING MAST ARM MOUNTED SIGNAL HEAD
- EXISTING VEHICLE DETECTION CAMERA
- EXISTING UG CABLES
- EXISTING UG CABLES IN CONDUIT
- EXISTING SINGLE HANDHOLE
- EXISTING DOUBLE HANDHOLE
- EXISTING JUNCTION BOX
- PROPOSED CONTROLLER
- PROPOSED ACCESSIBLE PEDESTRIAN SIGNAL (INCLUDING ADA PUSH BUTTON)
- PROPOSED ADA PEDESTRIAN SIGNAL HEAD
- PROPOSED TRAFFIC SIGNAL POST
- PROPOSED STEEL MAST ARM ASSEMBLY AND POLE (OR COMBINATION MA ASSEMBLY & POLE)
- PROPOSED SIGNAL HEAD WITH BACKPLATE
- PROPOSED SIGNAL HEAD (NO BACKPLATE)
- PROPOSED LIGHT ARM & 250W LUMINAIRE
- PROPOSED VEHICLE DETECTION CAMERA
- PROPOSED CABLE IN CONDUIT : "T" TRENCH, "P" PUSH
- PROPOSED PCC SINGLE HANDHOLE
- PROPOSED PCC DOUBLE HANDHOLE
- PROPOSED PEDESTRIAN PUSH BUTTON POST
- PROPOSED JUNCTION BOX
- PROPOSED DETECTOR LOOP
- PROPOSED LOCATION IDENTIFICATION NUMBER (24.1 = 24TH STREET, LOCATION 1)

LETTERED NOTES :

- A** REMOVE EXTG PEDESTRIAN PUSH BUTTON AND PEDESTRIAN SIGNAL HEAD. FURNISH AND INSTALL PROPOSED NEW ACCESSIBLE PEDESTRIAN SIGNAL (INCLUDING ADA PUSH BUTTON) AND ADA PEDESTRIAN SIGNAL HEAD (TYP. REMOVE 6 PLACES AND TYP. INSTALL NEW 8 PLACES). INSTALL COVERS OVER ANY UNUSED OPENINGS IN THE EXTG TRAFFIC SIGNAL POSTS.
- B** EXTG CABLES IN CONDUIT, REUSE. PULL OUT EXTG CABLES AS REQUIRED TO INSTALL PROPOSED CABLES. REINSTALL EXTG / PROPOSED CABLES INTO EXTG CONDUITS AS REQUIRED, TYPICAL. UNLESS SCHEDULED OTHERWISE, INCLUDE ALL COST FOR THIS CABLE REMOVAL & REINSTALLATION WORK IN THE "ELECTRIC CABLE IN CONDUIT" CONTRACT UNIT PRICES.
- D** REMOVE EXTG CONDUITS AND DRILL ENTRANCES INTO EXTG HANDHOLES FOR NEW CONDUITS AS REQUIRED. INCLUDE COSTS FOR THIS WORK IN THE CONTRACT UNIT PRICES FOR UNDERGROUND CONDUIT.
- E** FURNISH AND INSTALL PROPOSED VIDEO DETECTION CAMERA, TYPICAL 4 PLACES. ALL PROPOSED VIDEO DETECTION EQUIPMENT SHALL BE COMPATIBLE WITH THE EXISTING CONTROLLER EQUIPMENT. SEE DETAIL ON SHEET C-TS10.
- F** FURNISH AND INSTALL PROPOSED PEDESTRIAN PUSH BUTTON POST (2 EACH - ONE PUSH BUTTON) PER IDOT STANDARD 876001, TYPICAL 2 PLACES.
- G** REMOVE EXISTING TRAFFIC SIGNAL MAST ARM / POLE ASSEMBLY (TRAFFIC SIGNAL POLE, MAST ARM, SIGNALS, SIGNAL HEADS, PUSH BUTTONS, LIGHT ARM, LUMINAIRE, ETC.). REMOVE AND DISPOSE OF EXISTING FOUNDATION. INCLUDE ALL COSTS IN THE "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" CONTRACT UNIT PRICE, TYPICAL 2 PLACES.
- H** REMOVE EXISTING TRAFFIC SIGNAL POST ASSEMBLY (TRAFFIC SIGNAL POST, SIGNALS, SIGNAL HEADS, PUSH BUTTONS, ETC.). REMOVE AND DISPOSE OF EXISTING FOUNDATION. INCLUDE ALL COSTS IN THE "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" CONTRACT UNIT PRICE, TYPICAL 1 PLACE.



LOCATION	ARM LENGTH	FDN DEPTH	FDN DIAMETER	FDN TYPE	POLE HEIGHT	REMARK
NW CORNER (EXISTING)	18'	---	24"	---	---	EXISTING, TO BE REMOVED.
NW CORNER (PROPOSED)	28'	10'	30"	E	22'	NEW, 87700180
NE CORNER	28'	---	30"	---	---	EXISTING, TO REMAIN IN-PLACE.
SW CORNER	21'	---	30"	---	---	EXISTING, TO REMAIN IN-PLACE.
SE CORNER (EXISTING)	18'	---	24"	---	---	EXISTING, TO BE REMOVED.
SE CORNER (PROPOSED)	26'	10'	30"	E	22'	NEW, 87700170

LOCATION	DESCRIPTION	FOUNDATION	REMARK
NW CORNER (EXISTING)	EXISTING TRAFFIC SIGNAL POST	---	EXISTING, TO BE REMOVE.
NW CORNER (PROPOSED)	PROPOSED PEDESTRIAN PUSH BUTTON POST (ONE PUSH BUTTON)	STANDARD 876001	NEW, 87601100
NE CORNER (EXISTING)	EXISTING TRAFFIC SIGNAL POST	---	EXISTING, TO REMAIN IN-PLACE.
NE CORNER (PROPOSED)	PROPOSED PEDESTRIAN PUSH BUTTON POST (ONE PUSH BUTTON)	STANDARD 876001	NEW, 87601100
SW CORNER	EXISTING TRAFFIC SIGNAL POST	---	EXISTING, TO REMAIN IN-PLACE.

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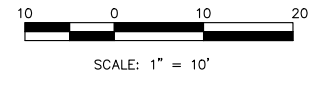
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TRAFFIC SIGNAL PLANS
27TH STREET AT 18TH AVENUE

Missman Project No:
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C-TS3

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LEGEND:

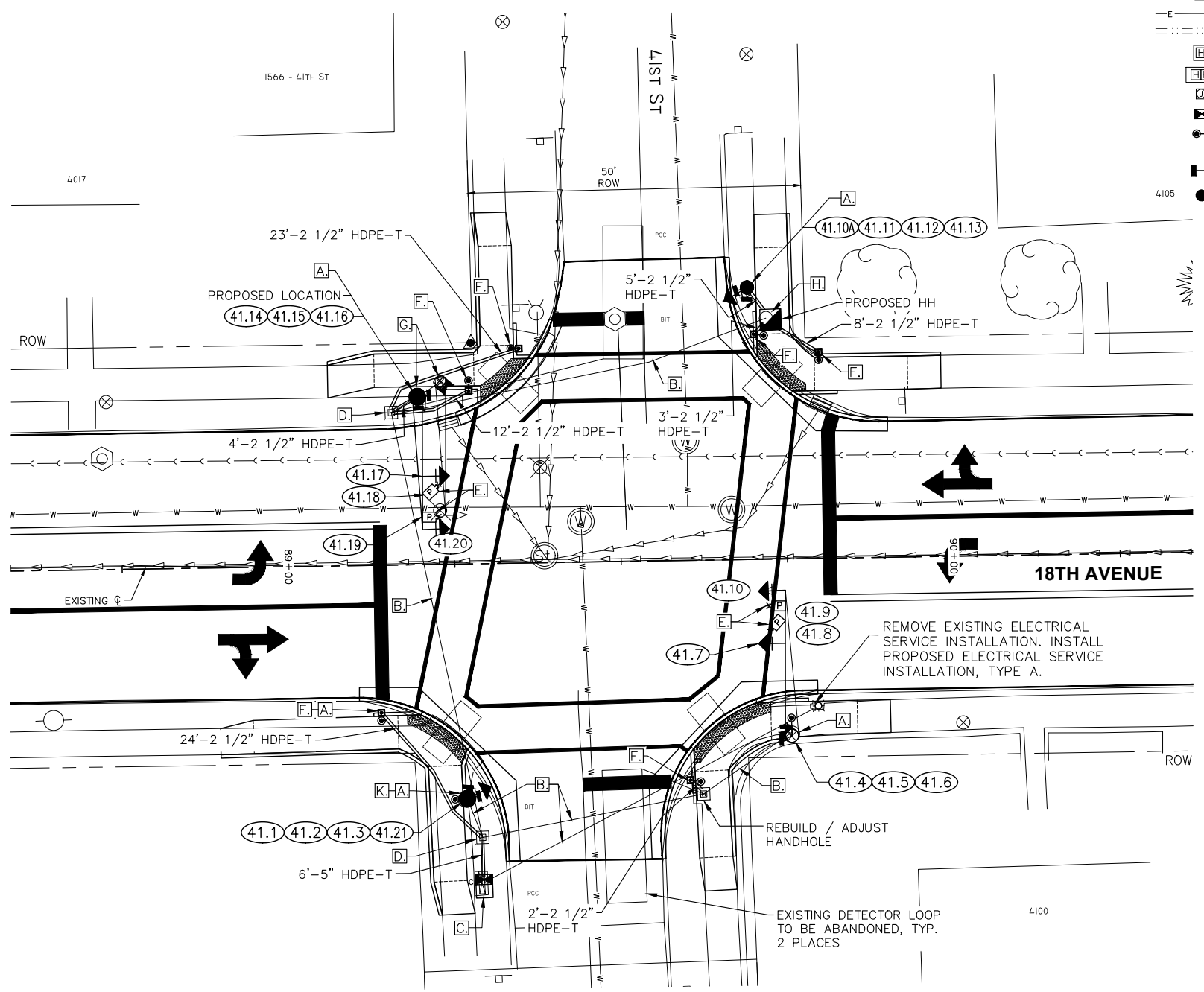
- EXISTING CONTROLLER
- EXISTING TRAFFIC SIGNAL POST
- EXISTING MAST ARM ASSEMBLY AND POLE
- EXISTING COMBINATION MAST ARM ASSEMBLY AND POLE
- EXISTING MAST ARM MOUNTED SIGNAL HEAD
- EXISTING VEHICLE DETECTION CAMERA
- EXISTING UG CABLES
- EXISTING UG CABLES IN CONDUIT
- EXISTING SINGLE HANDHOLE
- EXISTING DOUBLE HANDHOLE
- EXISTING JUNCTION BOX
- PROPOSED CONTROLLER
- PROPOSED ACCESSIBLE PEDESTRIAN SIGNAL (INCLUDING ADA PUSH BUTTON)
- PROPOSED ADA PEDESTRIAN SIGNAL HEAD
- PROPOSED TRAFFIC SIGNAL POST
- PROPOSED STEEL MAST ARM ASSEMBLY AND POLE (OR COMBINATION MA ASSEMBLY & POLE)
- PROPOSED SIGNAL HEAD WITH BACKPLATE
- PROPOSED SIGNAL HEAD (NO BACKPLATE)
- PROPOSED LIGHT ARM & 250W LUMINAIRE
- PROPOSED VEHICLE DETECTION CAMERA
- PROPOSED CABLE IN CONDUIT : "T" TRENCH, "P" PUSH
- PROPOSED PCC SINGLE HANDHOLE
- PROPOSED PCC DOUBLE HANDHOLE
- PROPOSED PEDESTRIAN PUSH BUTTON POST
- PROPOSED JUNCTION BOX
- PROPOSED DETECTOR LOOP
- PROPOSED LOCATION IDENTIFICATION NUMBER (24.1 = 24TH STREET, LOCATION 1)

LETTERED NOTES :

- [A]** REMOVE EXTG PEDESTRIAN PUSH BUTTON AND PEDESTRIAN SIGNAL HEAD. FURNISH AND INSTALL PROPOSED NEW ACCESSIBLE PEDESTRIAN SIGNAL (INCLUDING ADA PUSH BUTTON) AND ADA PEDESTRIAN SIGNAL HEAD (TYP. 8 PLACES). INSTALL COVERS OVER ANY UNUSED OPENINGS IN THE EXTG TRAFFIC SIGNAL POSTS.
- [B]** EXTG CABLES IN CONDUIT, REUSE. PULL OUT EXTG CABLES AS REQUIRED TO INSTALL PROPOSED CABLES. REINSTALL EXTG / PROPOSED CABLES INTO EXTG CONDUITS AS REQUIRED, TYPICAL. UNLESS SCHEDULED OTHERWISE, INCLUDE ALL COST FOR THIS CABLE REMOVAL & REINSTALLATION WORK IN THE "ELECTRIC CABLE IN CONDUIT" CONTRACT UNIT PRICES.
- [C]** REMOVE EXTG CONTROLLER, CABINET, AND FOUNDATION. FURNISH AND INSTALL NEW TYPE D CONCRETE FOUNDATION, CABINET AND CONTROLLER. RE-WIRE EQUIPMENT AS REQUIRED. FINAL LOCATION & FOUNDATION SIZE TO BE DETERMINED IN THE FIELD BY CRI AT THE TIME OF CONSTRUCTION. THE COST OF ALL MODIFICATIONS REQUIRED TO INSTALL AND CONNECT THE PROPOSED EQUIPMENT SHALL BE INCLUDED IN THE CONTACT UNIT PRICE FOR 85704804 FULL-ACTUATED CONTROLLER IN CABINET.
- [D]** REMOVE EXTG CONDUITS AND DRILL ENTRANCES INTO EXTG HANDHOLES FOR NEW CONDUITS AS REQUIRED. INCLUDE COSTS FOR THIS WORK IN THE CONTRACT UNIT PRICES FOR UNDERGROUND CONDUIT.
- [E]** FURNISH AND INSTALL PROPOSED VIDEO DETECTION CAMERA, TYPICAL 4 PLACES. SEE DETAIL ON SHEET C-TS10.
- [F]** FURNISH AND INSTALL PROPOSED PEDESTRIAN PUSH BUTTON POST (ONE PUSH BUTTON) PER IDOT STANDARD 876001, TYPICAL 6 PLACES.
- [G]** RELOCATE EXISTING TRAFFIC SIGNAL MAST ARM / POLE ASSEMBLY (TRAFFIC SIGNAL POLE, MAST ARM, SIGNALS, SIGNAL HEADS, PUSH BUTTONS, LIGHT ARM, LUMINAIRE, ETC.) ONTO NEW FOUNDATION. REMOVE AND DISPOSE OF EXISTING FOUNDATION. REWIRE TRAFFIC EQUIPMENT. INCLUDE ALL COSTS IN THE "RELOCATE EXISTING MAST ARM ASSEMBLY AND POLE" CONTRACT UNIT PRICE, TYPICAL 1 PLACE (NW CORNER ONLY). THE RELOCATION PAY ITEM SHALL INCLUDE BOTH REMOVING AND REINSTALLING THE EQUIPMENT.
- [H]** REMOVE EXISTING TRAFFIC SIGNAL POST ASSEMBLY (TRAFFIC SIGNAL POST, SIGNALS, SIGNAL HEADS, PUSH BUTTONS, ETC.). REMOVE AND DISPOSE OF EXISTING FOUNDATION. INCLUDE ALL COSTS IN THE "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" CONTRACT UNIT PRICE. INSTALL PROPOSED NEW HANDHOLE AT DIFFERENT LOCATION AND ELEVATION. EXTEND EXISTING CONDUITS INTO NEW HANDHOLE AS REQUIRED, TYPICAL 1 PLACE (NE CORNER). SEE SIDEWALK TIE-IN DETAIL ON SHT. C-TS10.
- [K]** REMOVE EXISTING 10' TALL TRAFFIC SIGNAL POST. FURNISH AND INSTALL PROPOSED NEW 14' TALL TRAFFIC SIGNAL POST ON EXISTING FOUNDATION.

NOTES:

1. SEE THE TRAFFIC CONTROL PLAN FOR STAGING REQUIREMENTS.
2. SEE SHEET C-TS6 FOR TRAFFIC SIGNAL GENERAL NOTES.



MAST ARM ASSEMBLY AND POLE DETAIL TABLE

LOCATION	ARM LENGTH	FDN DEPTH	FDN DIAMETER	FDN TYPE	POLE HEIGHT	REMARK
NW CORNER	20'	10'	30"	E	----	EXISTING, TO BE RELOCATED.
NE CORNER	----	----	----	----	----	
SW CORNER	----	----	----	----	----	
SE CORNER	22'	----	24"	----	----	EXISTING, TO REMAIN IN-PLACE.

TRAFFIC SIGNAL POST EQUIPMENT

LOCATION	DESCRIPTION	FOUNDATION	REMARK
NW CORNER	PROPOSED PEDESTRIAN PUSH BUTTON POSTS, 2 EA. (ONE PUSH BUTTON)	STANDARD 876001	NEW, 2 EA., 87601100
NE CORNER (NORTH)	PROPOSED TRAFFIC SIGNAL POST, 14'	TYPE A, 3'	NEW, 87502480
NE CORNER (MIDDLE)	EXISTING TRAFFIC SIGNAL POST, 10'	----	EXISTING, TO BE REMOVED.
NE CORNER (SOUTH)	PROPOSED PEDESTRIAN PUSH BUTTON POSTS, 2 EA. (ONE PUSH BUTTON)	STANDARD 876001	NEW, 2 EA., 87601100
SW CORNER (NORTH)	PROPOSED PEDESTRIAN PUSH BUTTON POST (ONE PUSH BUTTON)	STANDARD 876001	NEW, 87601100
SW CORNER (SOUTH)	REPLACE EXTG 10' TRAFFIC SIGNAL POST WITH PROPOSED 14' TRAFFIC SIGNAL POST	EXISTING, TO BE REUSED.	EXTG, TO BE REPLACED. 89502375/87502480
SE CORNER	PROPOSED PEDESTRIAN PUSH BUTTON POST (ONE PUSH BUTTON)	STANDARD 876001	NEW, 87601100

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NO.	REVISIONS DESCRIPTION	DATE
1	REVISED PER 2.8.18 IDOT REVIEW	3.1.18

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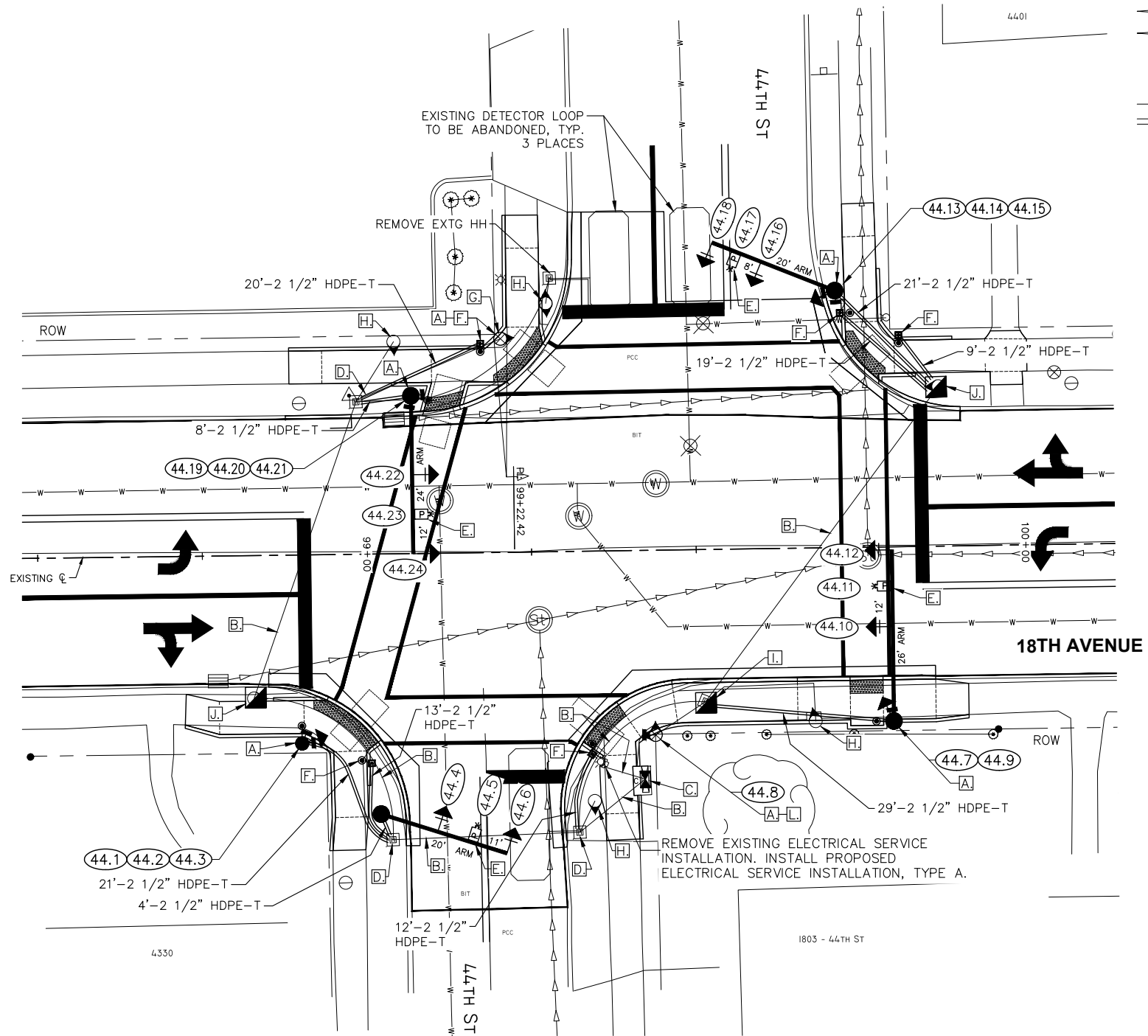
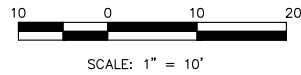
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Sheet 123 of 158



LEGEND:

- EXISTING CONTROLLER
- EXISTING TRAFFIC SIGNAL POST
- EXISTING MAST ARM ASSEMBLY AND POLE
- EXISTING COMBINATION MAST ARM ASSEMBLY AND POLE
- EXISTING MAST ARM MOUNTED SIGNAL HEAD
- EXISTING VEHICLE DETECTION CAMERA
- EXISTING UG CABLES
- EXISTING UG CABLES IN CONDUIT
- EXISTING SINGLE HANDHOLE
- EXISTING DOUBLE HANDHOLE
- EXISTING JUNCTION BOX
- PROPOSED CONTROLLER
- PROPOSED ACCESSIBLE PEDESTRIAN SIGNAL (INCLUDING ADA PUSH BUTTON)
- PROPOSED ADA PEDESTRIAN SIGNAL HEAD
- PROPOSED TRAFFIC SIGNAL POST
- PROPOSED STEEL MAST ARM ASSEMBLY AND POLE (OR COMBINATION MA ASSEMBLY & POLE)
- PROPOSED SIGNAL HEAD WITH BACKPLATE
- PROPOSED SIGNAL HEAD (NO BACKPLATE)
- PROPOSED LIGHT ARM & 250W LUMINAIRE
- PROPOSED VEHICLE DETECTION CAMERA
- PROPOSED CABLE IN CONDUIT : "T" TRENCH, "P" PUSH
- PROPOSED PCC SINGLE HANDHOLE
- PROPOSED PCC DOUBLE HANDHOLE
- PROPOSED PEDESTRIAN PUSH BUTTON POST
- PROPOSED JUNCTION BOX
- PROPOSED DETECTOR LOOP
- PROPOSED LOCATION IDENTIFICATION NUMBER (24.1 = 24TH STREET, LOCATION 1)

LETTERED NOTES :

- A.** REMOVE EXTG PEDESTRIAN PUSH BUTTON AND PEDESTRIAN SIGNAL HEAD. FURNISH AND INSTALL PROPOSED NEW ACCESSIBLE PEDESTRIAN SIGNAL (INCLUDING ADA PUSH BUTTON) AND ADA PEDESTRIAN SIGNAL HEAD (TYP. 8 PLACES). INSTALL COVERS OVER ANY UNUSED OPENINGS IN THE EXTG TRAFFIC SIGNAL POSTS.
- B.** EXTG CABLES IN CONDUIT, REUSE. PULL OUT EXTG CABLES AS REQUIRED TO INSTALL PROPOSED CABLES. REINSTALL EXTG / PROPOSED CABLES INTO EXTG CONDUITS AS REQUIRED, TYPICAL. UNLESS SCHEDULED OTHERWISE, INCLUDE ALL COST FOR THIS CABLE REMOVAL & REINSTALLATION WORK IN THE "ELECTRIC CABLE IN CONDUIT" CONTRACT UNIT PRICES.
- C.** REMOVE EXTG CONTROLLER AND CABINET. FURNISH AND INSTALL NEW CABINET AND CONTROLLER. RE-WIRE EQUIPMENT AS REQUIRED. THE COST OF ALL MODIFICATIONS REQUIRED TO INSTALL AND CONNECT THE PROPOSED EQUIPMENT SHALL BE INCLUDED IN THE CONTACT UNIT PRICE FOR 85704804 FULL-ACTUATED CONTROLLER IN CABINET.
- D.** REMOVE EXTG CONDUITS AND DRILL ENTRANCES INTO EXTG HANDHOLES FOR NEW CONDUITS AS REQUIRED. INCLUDE COSTS FOR THIS WORK IN THE CONTRACT UNIT PRICES FOR UNDERGROUND CONDUIT.
- E.** FURNISH AND INSTALL PROPOSED VIDEO DETECTION CAMERA, TYPICAL 4 PLACES. SEE DETAIL ON SHEET C-TS10.
- F.** FURNISH AND INSTALL PROPOSED PEDESTRIAN PUSH BUTTON POST (5 EACH - ONE PUSH BOTTON) PER IDOT STANDARD 876001, TYPICAL 5 PLACES.
- G.** REMOVE EXISTING TRAFFIC SIGNAL MAST ARM / POLE ASSEMBLY (TRAFFIC SIGNAL POLE, MAST ARM, SIGNALS, SIGNAL HEADS, PUSH BUTTONS, LIGHT ARM, LUMINAIRE, ETC.). REMOVE AND DISPOSE OF EXISTING FOUNDATION. INCLUDE ALL COSTS IN THE "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" CONTRACT UNIT PRICE, TYPICAL 1 PLACE.
- H.** REMOVE EXISTING TRAFFIC SIGNAL POST ASSEMBLY (TRAFFIC SIGNAL POST, SIGNALS, SIGNAL HEADS, PUSH BUTTONS, ETC.). REMOVE AND DISPOSE OF EXISTING FOUNDATION. INCLUDE ALL COSTS IN THE "REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT" CONTRACT UNIT PRICE, TYPICAL 4 PLACES.
- I.** REMOVE EXISTING HANDHOLE. INSTALL PROPOSED NEW HANDHOLE AT DIFFERENT LOCATION AND ELEVATION. EXTEND EXISTING CONDUITS INTO NEW HANDHOLE AS REQUIRED. SEE SIDEWALK TIE-IN DETAIL ON SHT. C-TS10.
- J.** REMOVE EXISTING TRAFFIC SIGNAL POST. INSTALL PROPOSED NEW HANDHOLE AT DIFFERENT LOCATION AND ELEVATION. EXTEND EXISTING CONDUITS INTO NEW HANDHOLE AS REQUIRED, TYPICAL 2 PLACES. SEE SIDEWALK TIE-IN DETAIL ON SHT. C-TS10.
- L.** EXISTING TRAFFIC SIGNAL POST TO REMAIN IN-PLACE AND BE REUSED, TYPICAL 1 PLACE.

NOTES:

1. SEE THE TRAFFIC CONTROL PLAN FOR STAGING REQUIREMENTS.
2. SEE SHEET C-TS6 FOR TRAFFIC SIGNAL GENERAL NOTES.

MAST ARM ASSEMBLY AND POLE DETAIL TABLE						
LOCATION	ARM LENGTH	FDN DEPTH	FDN DIAMETER	FDN TYPE	POLE HEIGHT	REMARK
NW CORNER (EXISTING)	21'	---	24"	---	---	EXISTING, TO BE REMOVED.
NW CORNER (PROPOSED)	24'	10'	30"	E	22'	NEW, 87700160
NE CORNER	20'	10'	30"	E	22'	NEW, 87700140
SW CORNER	20'	10'	30"	E	22'	NEW, 87700140
SE CORNER	26'	10'	30"	E	22'	NEW, 87700170

PROPOSED TRAFFIC SIGNAL POST EQUIPMENT (NEW ONLY)			
LOCATION	DESCRIPTION	FOUNDATION	REMARK
NW CORNER	PROPOSED PEDESTRIAN PUSH BUTTON POST (ONE PUSH BUTTON)	STANDARD 876001	NEW, 87601100
NE CORNER	PROPOSED PEDESTRIAN PUSH BUTTON POSTS, 2 EA. (ONE PUSH BUTTON)	STANDARD 876001	NEW, 2 EA., 87601100
SW CORNER (NORTH)	PROPOSED PEDESTRIAN PUSH BUTTON POST (ONE PUSH BUTTON)	STANDARD 876001	NEW, 87601100
SW CORNER (SOUTH)	PROPOSED TRAFFIC SIGNAL POST, 14'	TYPE A, 3'	NEW, 87502480
SE CORNER	PROPOSED PEDESTRIAN PUSH BUTTON POST (ONE PUSH BUTTON)	STANDARD 876001	NEW, 87601100

REVISIONS	
No.	DESCRIPTION
1	REVISED PER 2.8.18 IDOT REVIEW
	DATE 3.1.18

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44TH STREET AT 18TH AVENUE

Missman Project No:
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File Name:
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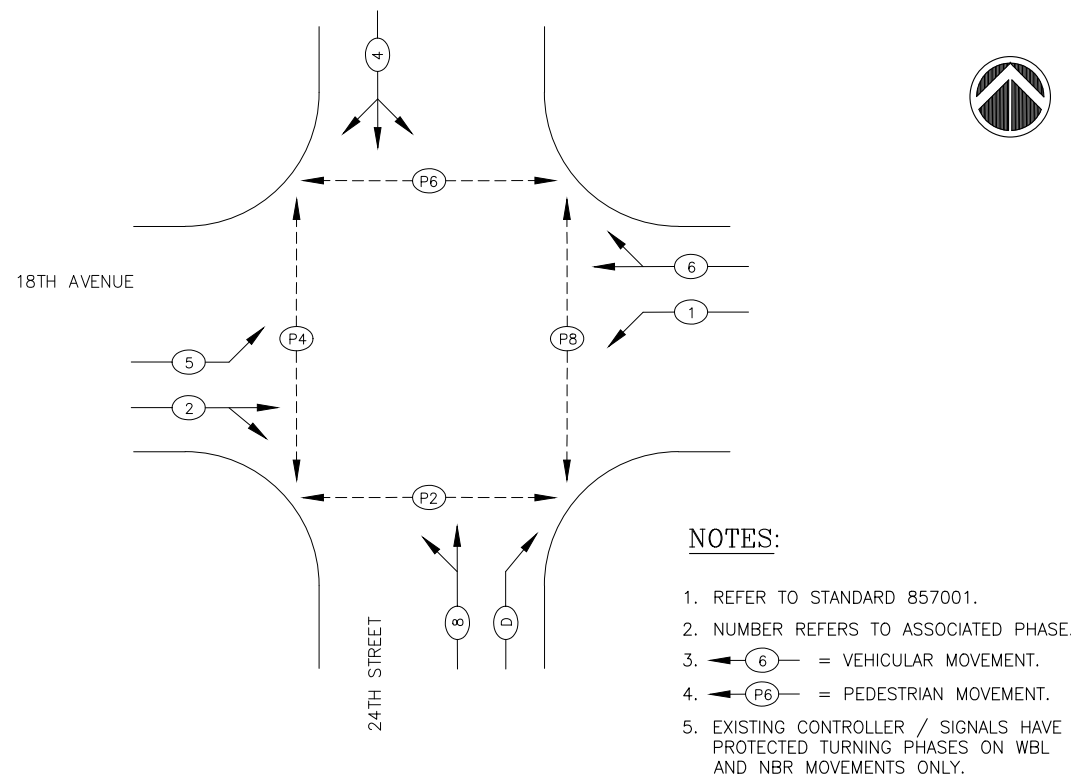
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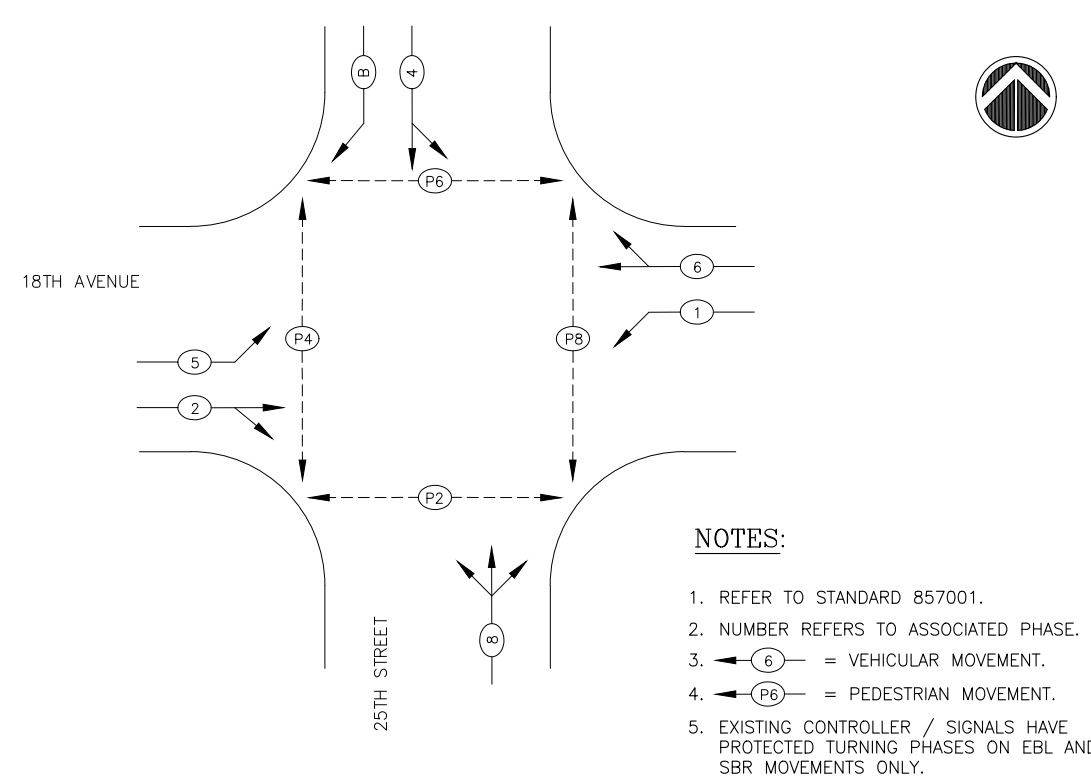
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**EXISTING / PROPOSED PHASE DESIGNATION DIAGRAM
18TH AVENUE @ 24TH STREET**

NOTES:

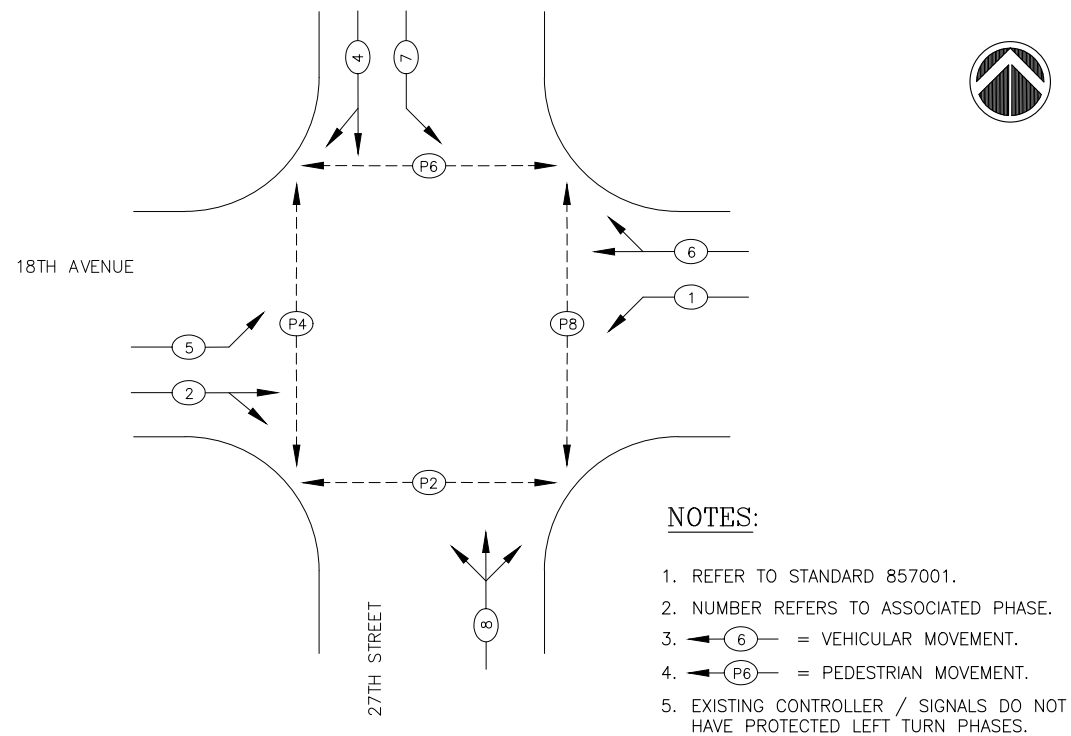
1. REFER TO STANDARD 857001.
2. NUMBER REFERS TO ASSOCIATED PHASE.
3. ← 6 → = VEHICULAR MOVEMENT.
4. ← P6 → = PEDESTRIAN MOVEMENT.
5. EXISTING CONTROLLER / SIGNALS HAVE PROTECTED TURNING PHASES ON WBL AND NBR MOVEMENTS ONLY.



**EXISTING / PROPOSED PHASE DESIGNATION DIAGRAM
18TH AVENUE @ 25TH STREET**

NOTES:

1. REFER TO STANDARD 857001.
2. NUMBER REFERS TO ASSOCIATED PHASE.
3. ← 6 → = VEHICULAR MOVEMENT.
4. ← P6 → = PEDESTRIAN MOVEMENT.
5. EXISTING CONTROLLER / SIGNALS HAVE PROTECTED TURNING PHASES ON EBL AND SBR MOVEMENTS ONLY.



**EXISTING / PROPOSED PHASE DESIGNATION DIAGRAM
18TH AVENUE @ 27TH STREET**

NOTES:

1. REFER TO STANDARD 857001.
2. NUMBER REFERS TO ASSOCIATED PHASE.
3. ← 6 → = VEHICULAR MOVEMENT.
4. ← P6 → = PEDESTRIAN MOVEMENT.
5. EXISTING CONTROLLER / SIGNALS DO NOT HAVE PROTECTED LEFT TURN PHASES.

TRAFFIC SIGNAL GENERAL NOTES:

1. AT LEAST 72 HOURS PRIOR TO BEGINNING ANY TRAFFIC SIGNAL WORK, THE TRAFFIC SIGNAL CONTRACTOR SHALL NOTIFY THE CITY OF ROCK ISLAND OF THEIR INTENT TO START WORK. ALL REMOVED TRAFFIC EQUIPMENT THAT IS NOT TO BE REUSED SHALL BE TURNED OVER TO THE CITY OF ROCK ISLAND.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING UTILITY PROPERTY DURING CONSTRUCTION OPERATIONS AS OUTLINED IN ARTICLE 107.39 OF THE STANDARD SPECIFICATIONS. A MINIMUM OF 48 HOURS ADVANCE NOTICE IS REQUIRED FOR NON-EMERGENCY WORK. THE JULIE NUMBER IS 800-892-0123.
3. ALL TRAFFIC CONTROL AND OTHER ADVISORY SIGNS NEEDED FOR CONSTRUCTION ARE TO BE FURNISHED BY THE CONTRACTOR IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS.
4. TRAFFIC SIGNAL HEADS SHALL BE PROPERLY COVERED PRIOR TO INTERSECTION TURN-ON OR AS DIRECTED BY THE ENGINEER. THIS COST SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED TRAFFIC SIGNAL PAY ITEMS.
5. A 1/4" DIAMETER CONTINUOUS RODENT RESISTANT NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THIS COST SHALL BE INCLUDED WITH THE COST OF CONDUIT PAY ITEMS.
6. ALL CONDUIT IN TRENCH SHALL BE H.D.P.E. ALL CONDUIT PUSHED MAY BE H.D.P.E. OR GALVANIZED STEEL. CONDUIT ATTACHED TO STRUCTURES SHALL BE GALVANIZED STEEL.
7. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR PLACING CONDUIT AT A GREATER THAN 2' MINIMUM DEPTH TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
8. ALL HARDWARE SHALL BE TIGHTENED AND WELL SECURED, CABLES SHALL BE NEATLY WOUND IN HANDHOLES. CABLES SHALL BE NEATLY INSTALLED IN THE CONTROLLER CABINET.
9. ALL GROUNDING INSTALLATIONS AND MATERIALS SHALL COMPLY WITH SECTIONS 806 AND 1087 OF THE STANDARD SPECIFICATIONS. INCLUDE ALL COSTS FOR GROUNDING ITEMS IN THE CONTRACT UNIT PRICES.
10. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND-DIGGING AROUND ALL UTILITIES AS NECESSARY. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONDUIT PAY ITEMS.
11. ALL EXISTING CABLES SHALL BE PULLED BACK TO THE NEAREST HANDHOLE PRIOR TO RELOCATING OR INSTALLING NEW TRAFFIC EQUIPMENT ITEMS. THE COST FOR THIS SHALL BE INCLUDED WITH THE COST OF THE ASSOCIATED TRAFFIC SIGNAL EQUIPMENT CONTRACT PAY ITEM.

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No.	DESCRIPTION
1	REVISED PER 2.8.18 IDOT REVIEW
	DATE 3.1.18

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**18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS**

**TRAFFIC SIGNAL PLANS
PHASING DIAGRAMS & TS GEN NOTES**

Missman Project No:
A15M006A

File Name:
A15M006A-TRAFFIC SIGNAL.dwg

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Field Book No:

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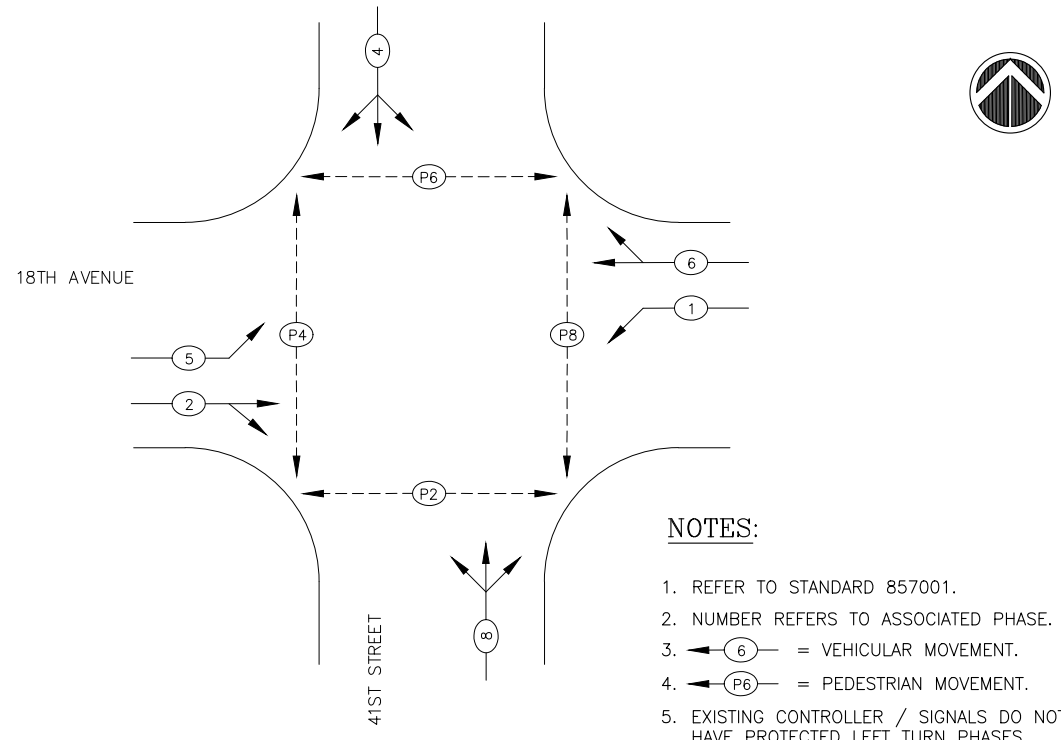
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Date: 2/5/2018

C-TS6

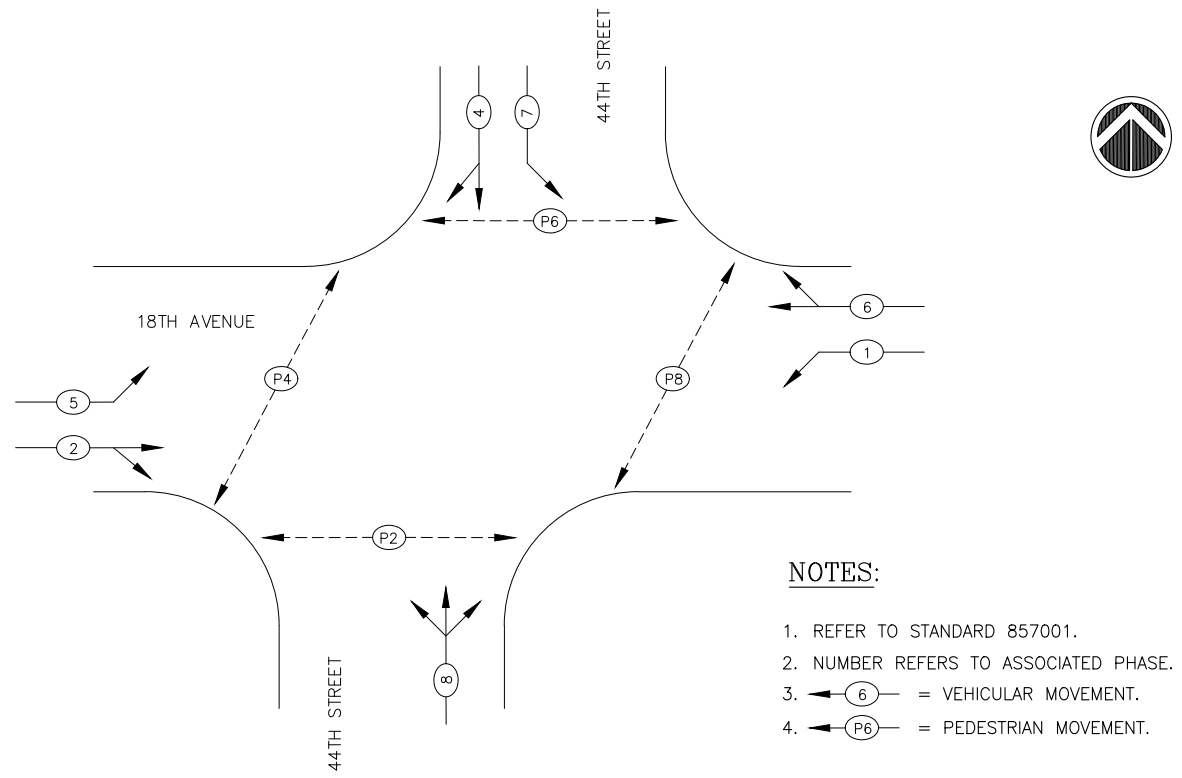
Sheet 125 of 158

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**EXISTING / PROPOSED PHASE DESIGNATION DIAGRAM
18TH AVENUE @ 41ST STREET**

- NOTES:**
1. REFER TO STANDARD 857001.
 2. NUMBER REFERS TO ASSOCIATED PHASE.
 3. ← 6 → = VEHICULAR MOVEMENT.
 4. ← P6 → = PEDESTRIAN MOVEMENT.
 5. EXISTING CONTROLLER / SIGNALS DO NOT HAVE PROTECTED LEFT TURN PHASES.

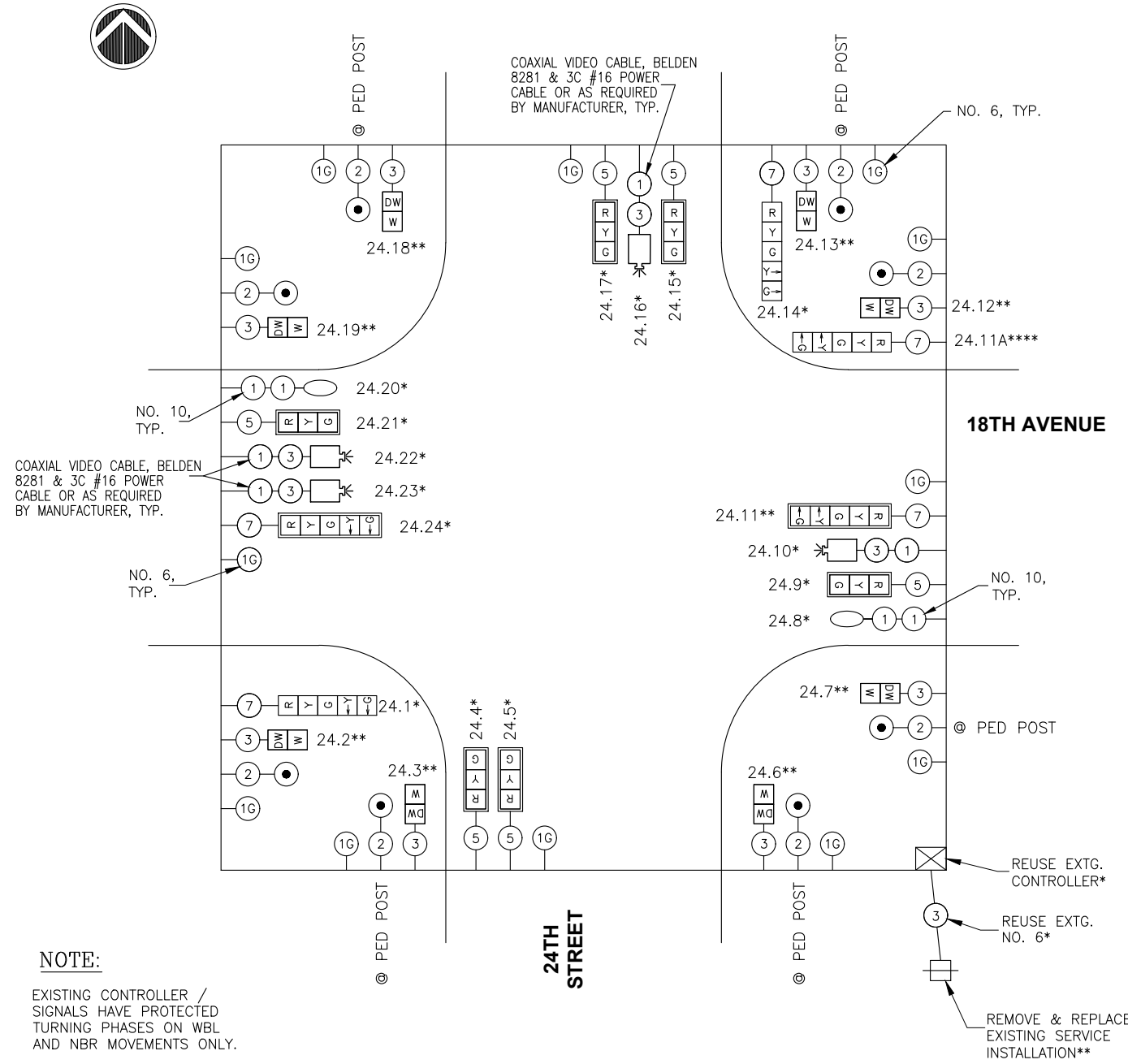


**EXISTING / PROPOSED PHASE DESIGNATION DIAGRAM
18TH AVENUE @ 44TH STREET**

- NOTES:**
1. REFER TO STANDARD 857001.
 2. NUMBER REFERS TO ASSOCIATED PHASE.
 3. ← 6 → = VEHICULAR MOVEMENT.
 4. ← P6 → = PEDESTRIAN MOVEMENT.

LEGEND:

- ① INDICATES NUMBER OF CONDUCTORS. ALL CABLES ARE #14 UNLESS NOTED OTHERWISE. "P" INDICATES PAIR CABLE.
- [R | Y | G] EXISTING OR PROPOSED 12" SIGNAL HEAD WITH BACKPLATE.
- [R | Y | G] EXISTING OR PROPOSED 12" SIGNAL HEAD (NO BACKPLATE).
- [M | W] ADA PEDESTRIAN SIGNAL HEAD WITH COUNT DOWN TIMER.
- ADA ACCESSIBLE PEDESTRIAN SIGNAL (APS) WITH ADA PUSH BUTTON.
- PROPOSED NEW DETECTOR LOOP.
- 📷 VIDEO DETECTION CAMERA.
- 250 WATT LUMINAIRE.
- 24.1 LOCATION IDENTIFICATION NUMBER (24.1 = 24TH STREET, LOCATION 1).
- * = EXISTING TO REMAIN IN-PLACE & BE REUSED.
- ** = EXISTING TO BE REMOVED & REPLACED.
- *** = EXISTING TO BE RELOCATED & REUSED.
- **** = FURNISH & INSTALL NEW EQUIPMENT.



NOTE:
EXISTING CONTROLLER / SIGNALS HAVE PROTECTED TURNING PHASES ON WBL AND NBR MOVEMENTS ONLY.

**EXISTING / PROPOSED WIRING DIAGRAM
18TH AVENUE @ 24TH STREET**

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1	REVISED PER 2.8.18 IDOT REVIEW
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**18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
TRAFFIC SIGNAL PLANS
WIRING AND PHASING DIAGRAMS**

Missman Project No:
A15M006A

File Name:
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





Date: 2/5/2018



C-TS7

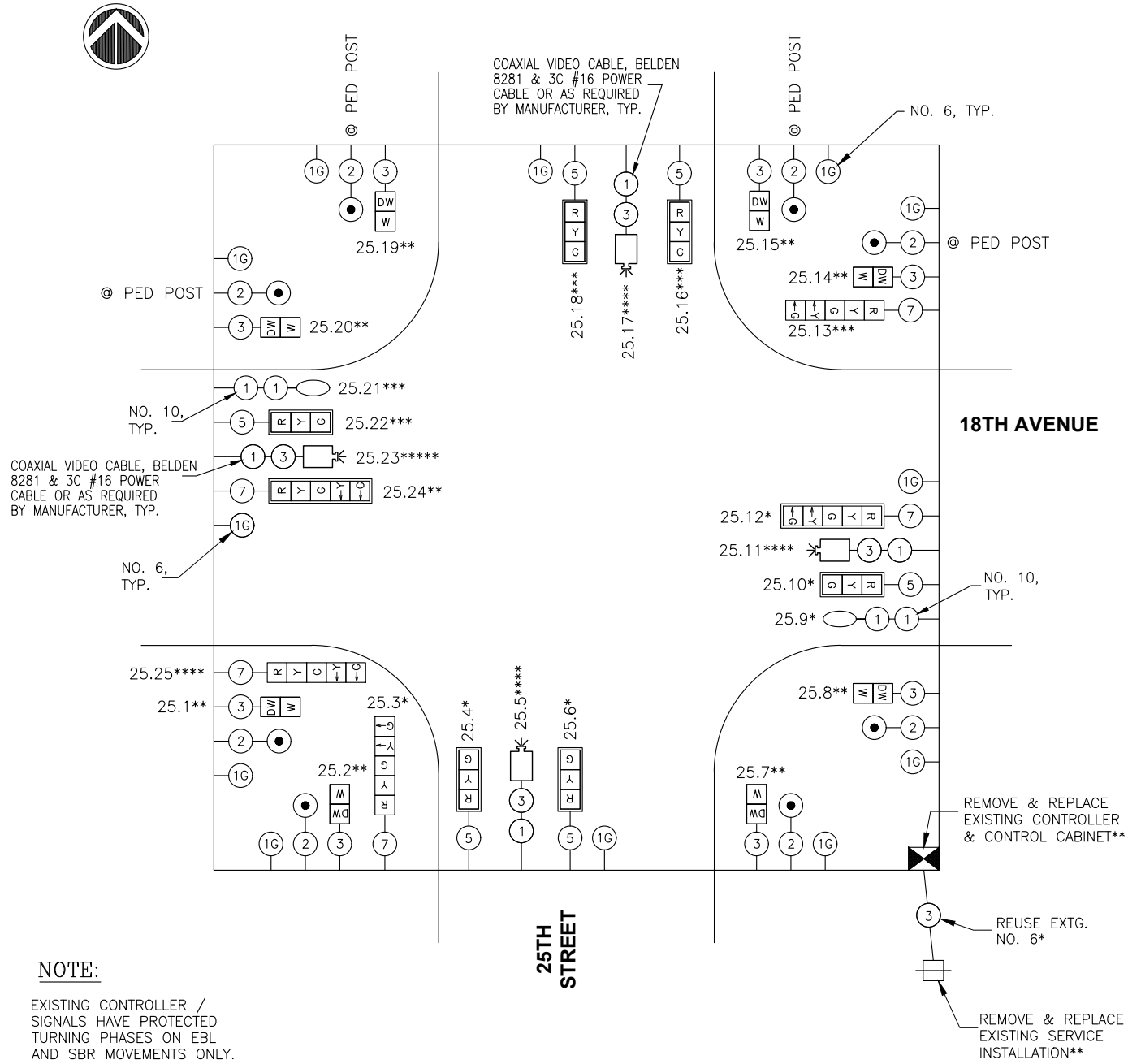
Sheet 126 of 158

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LEGEND:







-  INDICATES NUMBER OF CONDUCTORS. ALL CABLES ARE #14 UNLESS NOTED OTHERWISE. "P" INDICATES PAIR CABLE.
-  EXISTING OR PROPOSED 12" SIGNAL HEAD WITH BACKPLATE.
-  EXISTING OR PROPOSED 12" SIGNAL HEAD (NO BACKPLATE).
-  ADA PEDESTRIAN SIGNAL HEAD WITH COUNT DOWN TIMER.
-  ADA ACCESSIBLE PEDESTRIAN SIGNAL (APS) WITH ADA PUSH BUTTON.
-  PROPOSED NEW DETECTOR LOOP.



-  VIDEO DETECTION CAMERA.
-  250 WATT LUMINAIRE.
- 24.1 LOCATION IDENTIFICATION NUMBER (24.1 = 24TH STREET, LOCATION 1).
- * = EXISTING TO REMAIN IN-PLACE & BE REUSED.
- ** = EXISTING TO BE REMOVED & REPLACED.
- *** = EXISTING TO BE RELOCATED & REUSED.
- **** = FURNISH & INSTALL NEW EQUIPMENT.

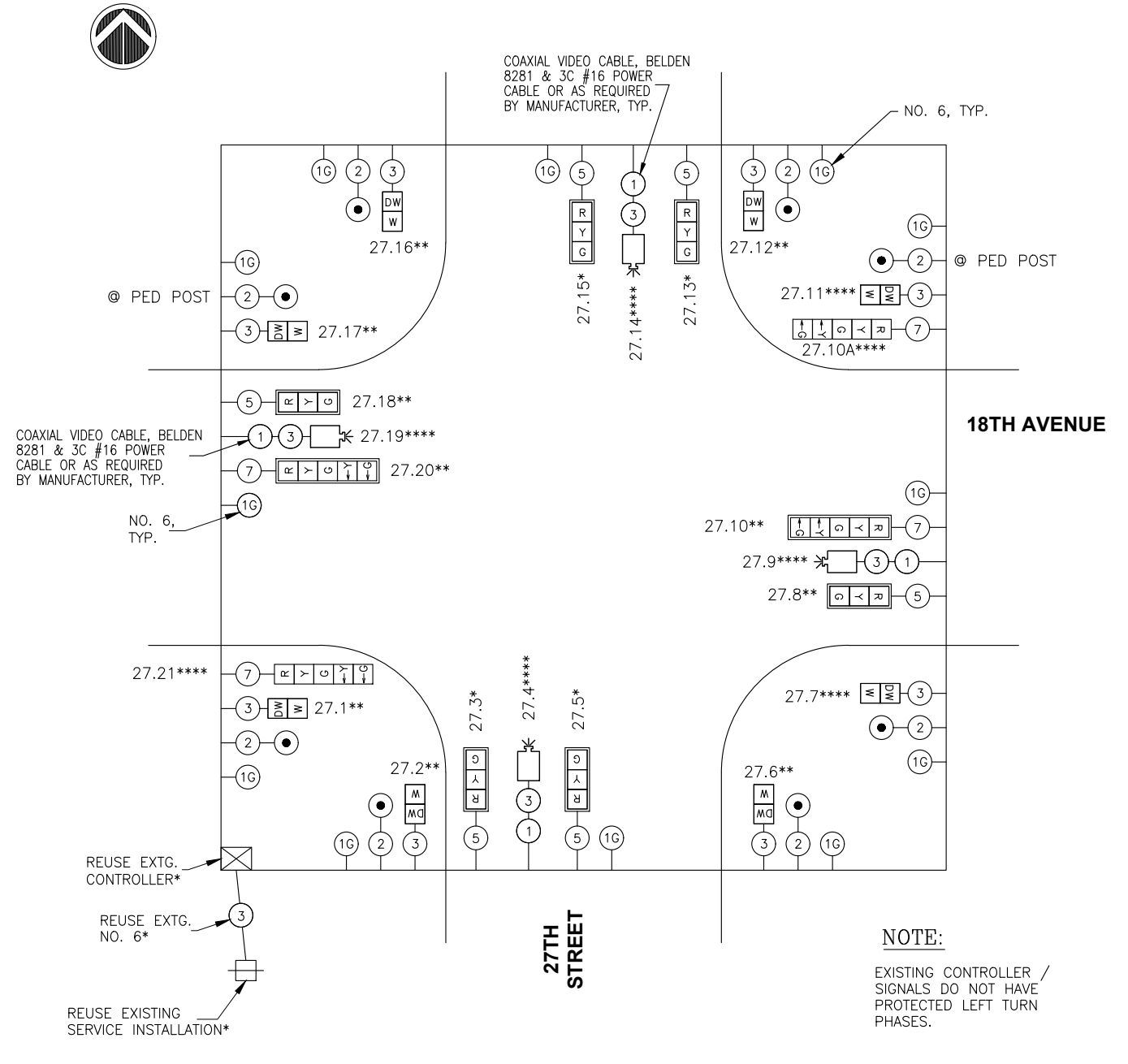


**EXISTING / PROPOSED WIRING DIAGRAM
18TH AVENUE @ 25TH STREET**

LEGEND:

-  INDICATES NUMBER OF CONDUCTORS. ALL CABLES ARE #14 UNLESS NOTED OTHERWISE. "P" INDICATES PAIR CABLE.
-  EXISTING OR PROPOSED 12" SIGNAL HEAD WITH BACKPLATE.
-  EXISTING OR PROPOSED 12" SIGNAL HEAD (NO BACKPLATE).
-  ADA PEDESTRIAN SIGNAL HEAD WITH COUNT DOWN TIMER.
-  ADA ACCESSIBLE PEDESTRIAN SIGNAL (APS) WITH ADA PUSH BUTTON.
-  PROPOSED NEW DETECTOR LOOP.

-  VIDEO DETECTION CAMERA.
-  250 WATT LUMINAIRE.
- 24.1 LOCATION IDENTIFICATION NUMBER (24.1 = 24TH STREET, LOCATION 1).
- * = EXISTING TO REMAIN IN-PLACE & BE REUSED.
- ** = EXISTING TO BE REMOVED & REPLACED.
- *** = EXISTING TO BE RELOCATED & REUSED.
- **** = FURNISH & INSTALL NEW EQUIPMENT.



**EXISTING / PROPOSED WIRING DIAGRAM
18TH AVENUE @ 27TH STREET**

NOTE:
EXISTING CONTROLLER / SIGNALS DO NOT HAVE PROTECTED LEFT TURN PHASES.

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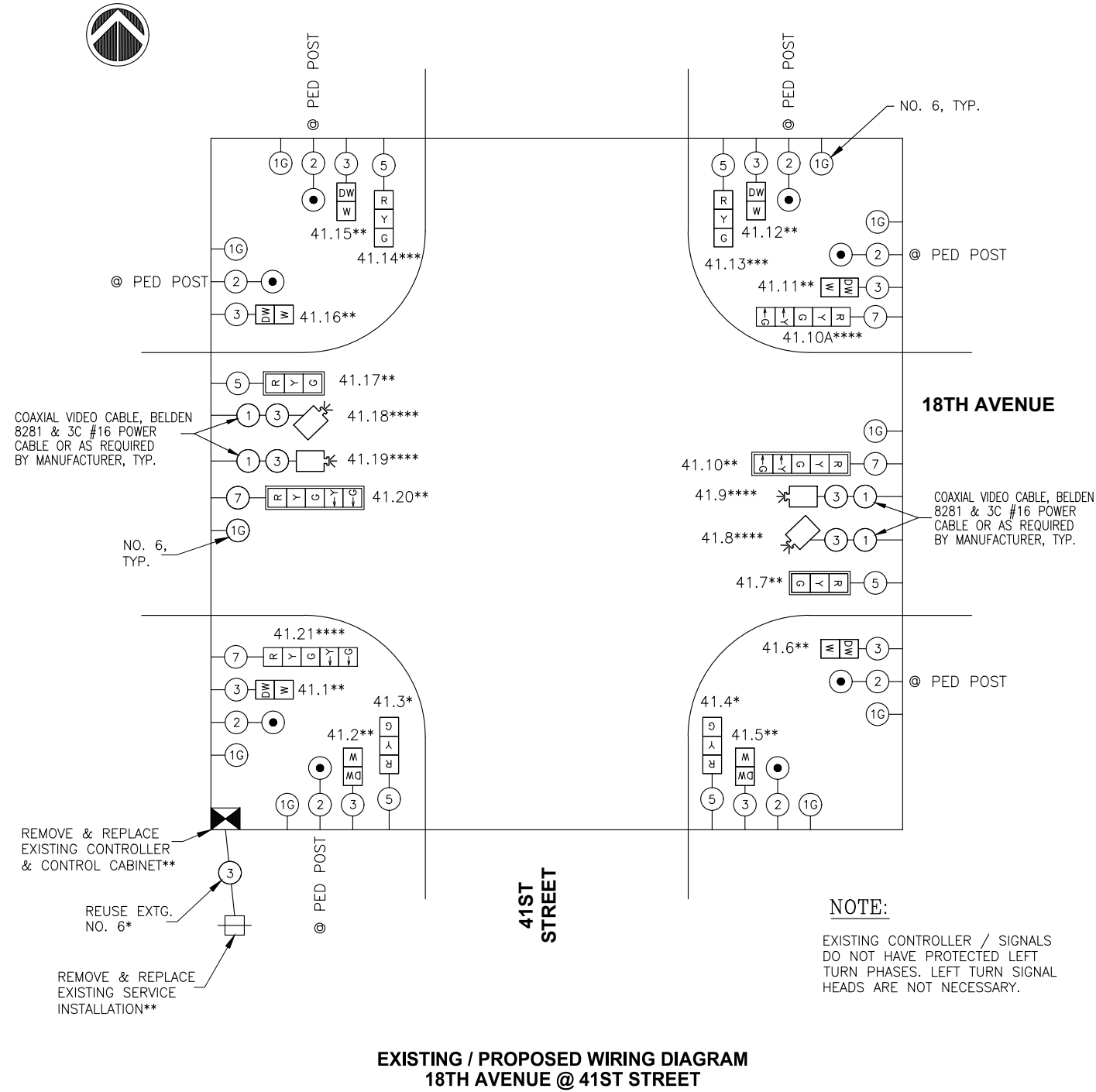
**18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
TRAFFIC SIGNAL PLANS
WIRING DIAGRAMS**

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C-TS8	
Sheet 127 of 158	

LEGEND:

- INDICATES NUMBER OF CONDUCTORS. ALL CABLES ARE #14 UNLESS NOTED OTHERWISE. "P" INDICATES PAIR CABLE.
- EXISTING OR PROPOSED 12" SIGNAL HEAD WITH BACKPLATE.
- EXISTING OR PROPOSED 12" SIGNAL HEAD (NO BACKPLATE).
- ADA PEDESTRIAN SIGNAL HEAD WITH COUNT DOWN TIMER.
- ADA ACCESSIBLE PEDESTRIAN SIGNAL (APS) WITH ADA PUSH BUTTON.
- PROPOSED NEW DETECTOR LOOP.

- VIDEO DETECTION CAMERA.
- 250 WATT LUMINAIRE.
- 24.1 LOCATION IDENTIFICATION NUMBER (24.1 = 24TH STREET, LOCATION 1).
- * = EXISTING TO REMAIN IN-PLACE & BE REUSED.
- ** = EXISTING TO BE REMOVED & REPLACED.
- *** = EXISTING TO BE RELOCATED & REUSED.
- **** = FURNISH & INSTALL NEW EQUIPMENT.

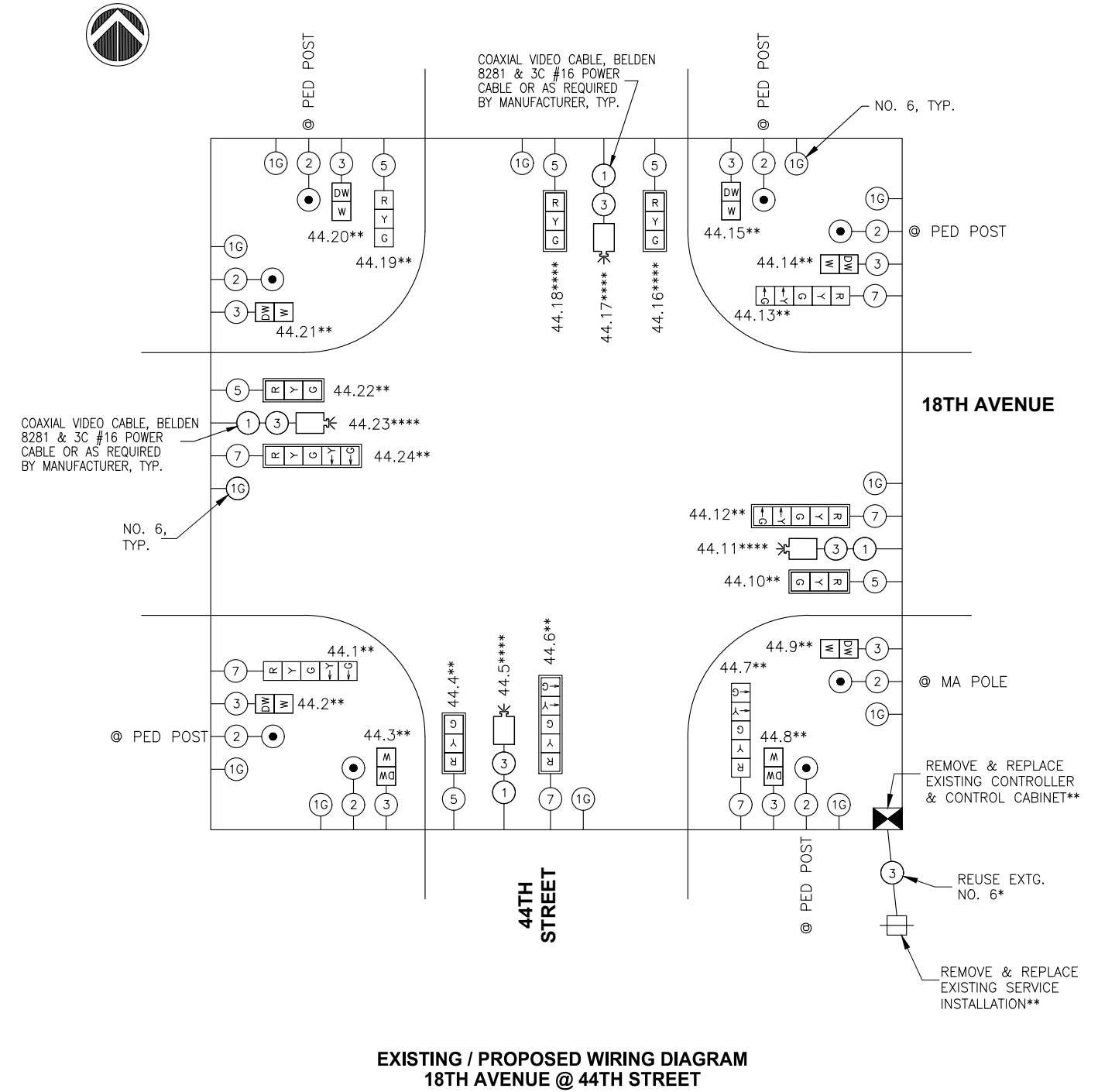


**EXISTING / PROPOSED WIRING DIAGRAM
18TH AVENUE @ 41ST STREET**

LEGEND:

- INDICATES NUMBER OF CONDUCTORS. ALL CABLES ARE #14 UNLESS NOTED OTHERWISE. "P" INDICATES PAIR CABLE.
- EXISTING OR PROPOSED 12" SIGNAL HEAD WITH BACKPLATE.
- EXISTING OR PROPOSED 12" SIGNAL HEAD (NO BACKPLATE).
- ADA PEDESTRIAN SIGNAL HEAD WITH COUNT DOWN TIMER.
- ADA ACCESSIBLE PEDESTRIAN SIGNAL (APS) WITH ADA PUSH BUTTON.
- PROPOSED NEW DETECTOR LOOP.

- VIDEO DETECTION CAMERA.
- 250 WATT LUMINAIRE.
- 24.1 LOCATION IDENTIFICATION NUMBER (24.1 = 24TH STREET, LOCATION 1).
- * = EXISTING TO REMAIN IN-PLACE & BE REUSED.
- ** = EXISTING TO BE REMOVED & REPLACED.
- *** = EXISTING TO BE RELOCATED & REUSED.
- **** = FURNISH & INSTALL NEW EQUIPMENT.



**EXISTING / PROPOSED WIRING DIAGRAM
18TH AVENUE @ 44TH STREET**

No.	REVISIONS	DESCRIPTION	DATE
1		REVISED PER 2.8.18 IDOT REVIEW	3.1.18

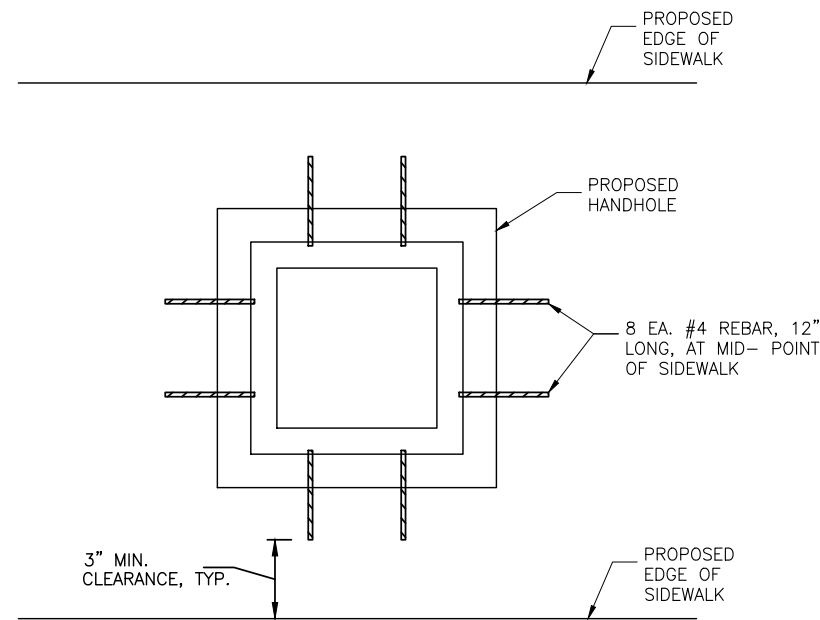
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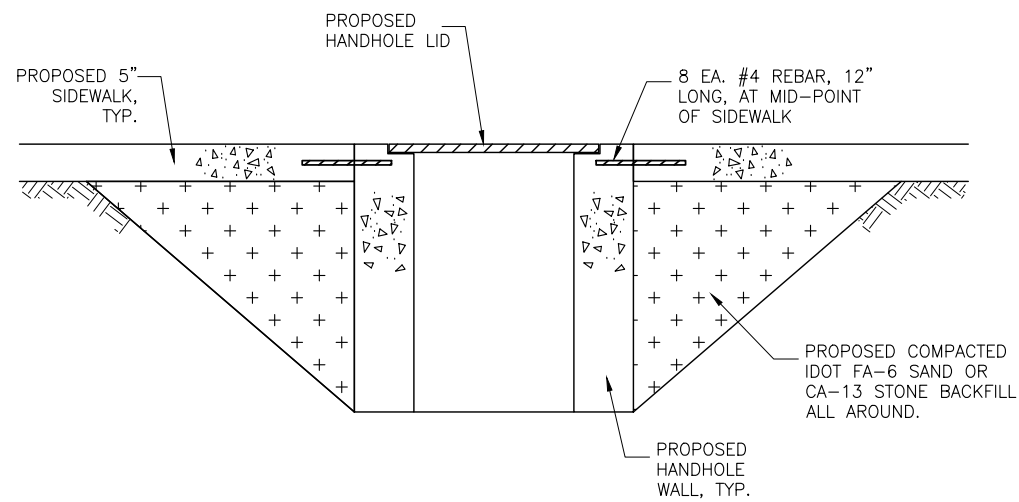
**18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
TRAFFIC SIGNAL PLANS
WIRING DIAGRAMS**

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PLAN VIEW

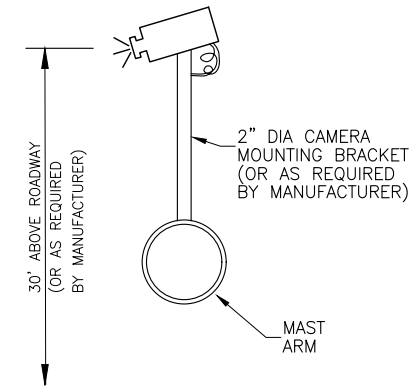


PROFILE VIEW

NOTE:

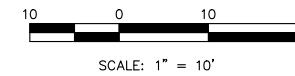
INCLUDE COST FOR REBARS AND COMPACTED BACKFILL IN HANDHOLE CONTRACT UNIT PRICE.

**TYPICAL SIDEWALK /
HANDHOLE TIE-IN DETAIL**
(ALL HANDHOLES)



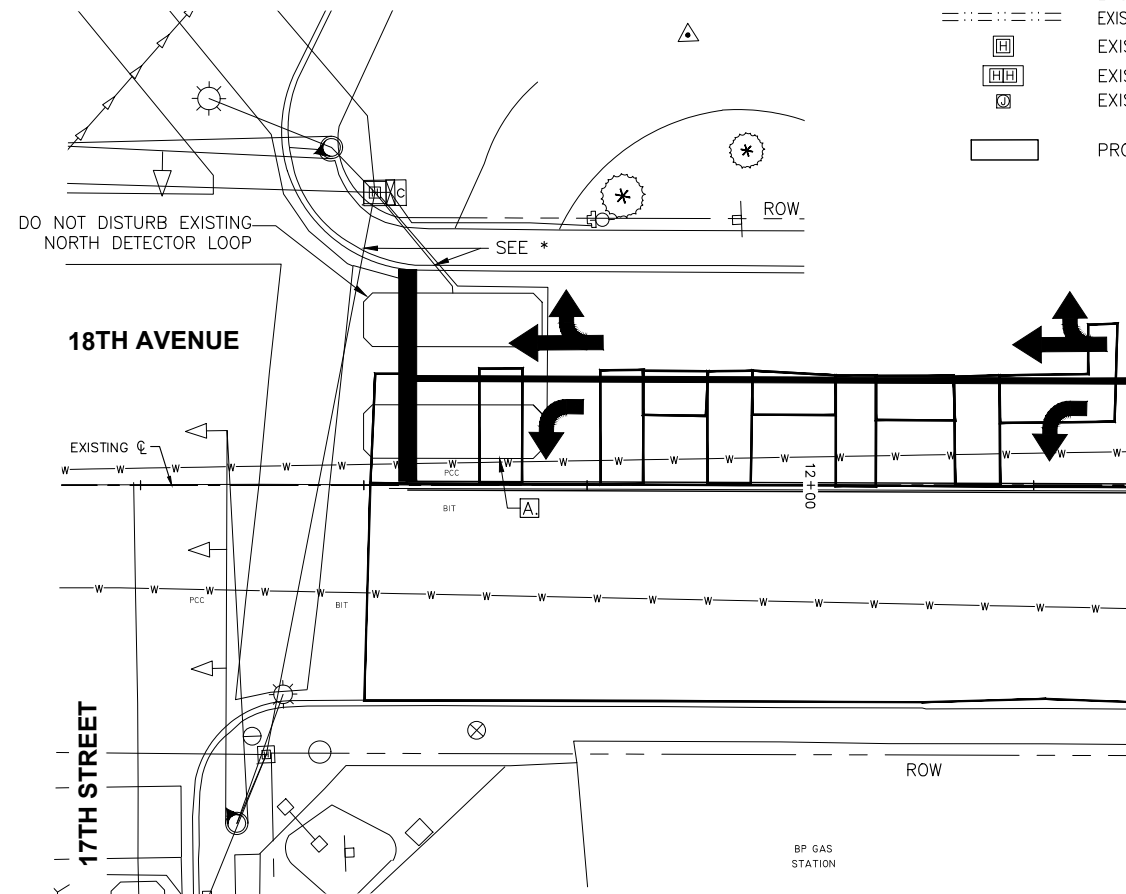
**TYPICAL CAMERA
INSTALLATION**
NOT TO SCALE

* = CONTRACTOR TO REPAIR ANY DAMAGE DONE TO CONDUITS DURING CONSTRUCTION, SEE SPECIAL PROVISIONS FOR ADDITIONAL INFO.



LEGEND:

- EXISTING CONTROLLER
- EXISTING TRAFFIC SIGNAL POST
- EXISTING MAST ARM ASSEMBLY AND POLE
- EXISTING UG CABLES
- EXISTING UG CABLES IN CONDUIT
- EXISTING SINGLE HANDHOLE
- EXISTING DOUBLE HANDHOLE
- EXISTING JUNCTION BOX
- PROPOSED DETECTOR LOOP



NOTES:

1. SEE THE TRAFFIC CONTROL PLAN FOR STAGING REQUIREMENTS.
2. SEE SHEET C-TS6 FOR TRAFFIC SIGNAL GENERAL NOTES.

LETTERED NOTE :

[A] 6'X20' DETECTOR LOOP, TYP. 1 PLACE.

REPLACEMENT DETECTOR LOOP LAYOUT
EAST LEG OF INTERSECTION
18TH AVENUE AND 17TH STREET

REVISIONS	DESCRIPTION	DATE
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18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS

TRAFFIC SIGNAL PLANS
TRAFFIC SIGNAL DETAILS

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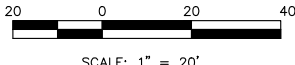
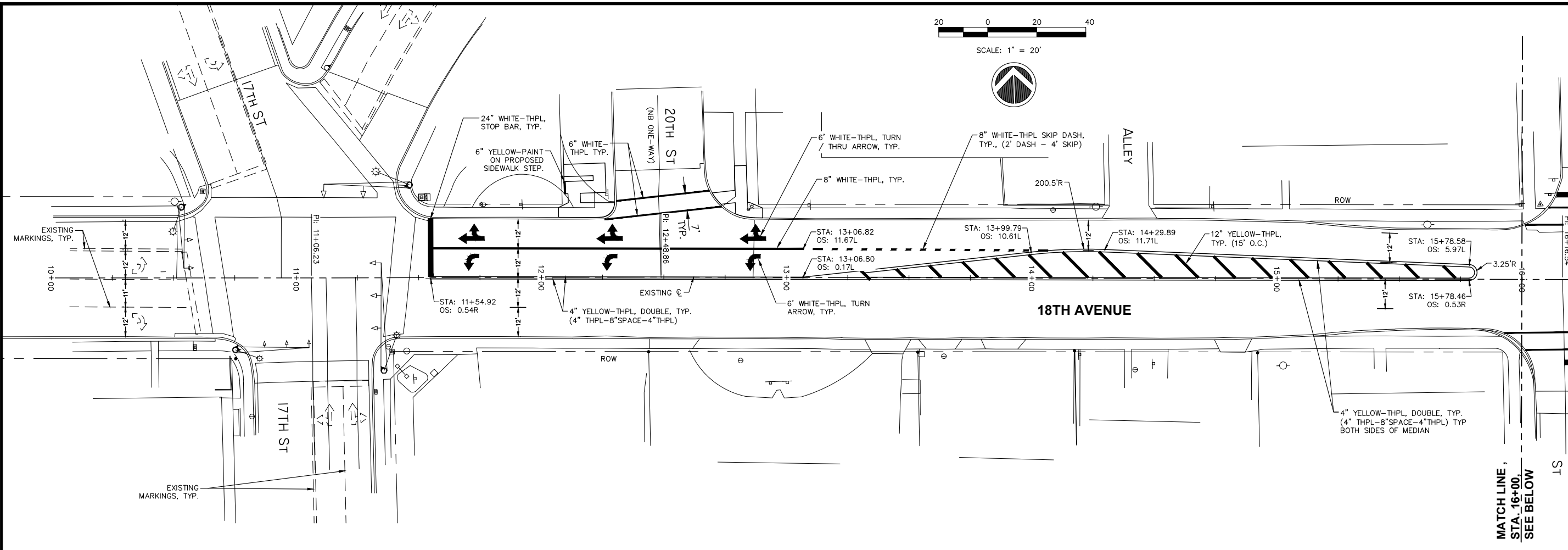
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Date: 2/5/2018

C-TS10
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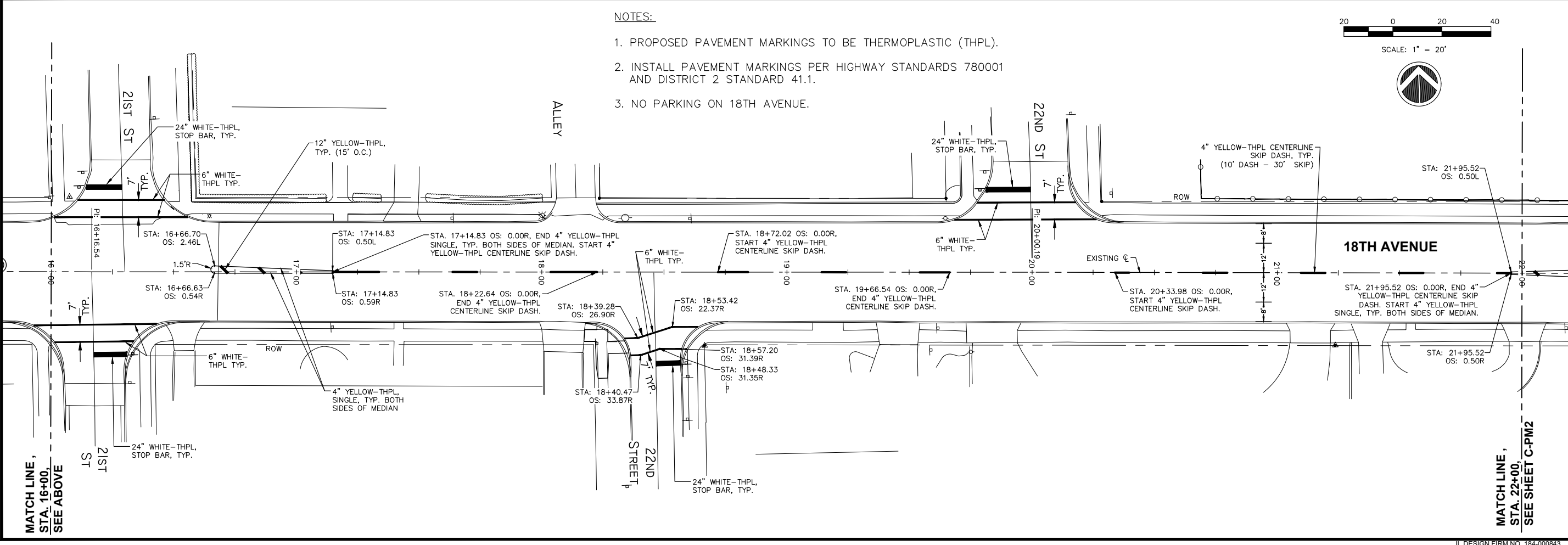
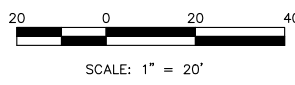
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1	REVISED PER 2.8.18 IDOT REVIEW	3.1.18

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NOTES:

1. PROPOSED PAVEMENT MARKINGS TO BE THERMOPLASTIC (THPL).
2. INSTALL PAVEMENT MARKINGS PER HIGHWAY STANDARDS 780001 AND DISTRICT 2 STANDARD 41.1.
3. NO PARKING ON 18TH AVENUE.



**18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
PAVEMENT MARKING PLANS
STA. 10+00 TO STA. 22+00**

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A15M006A

File Name:
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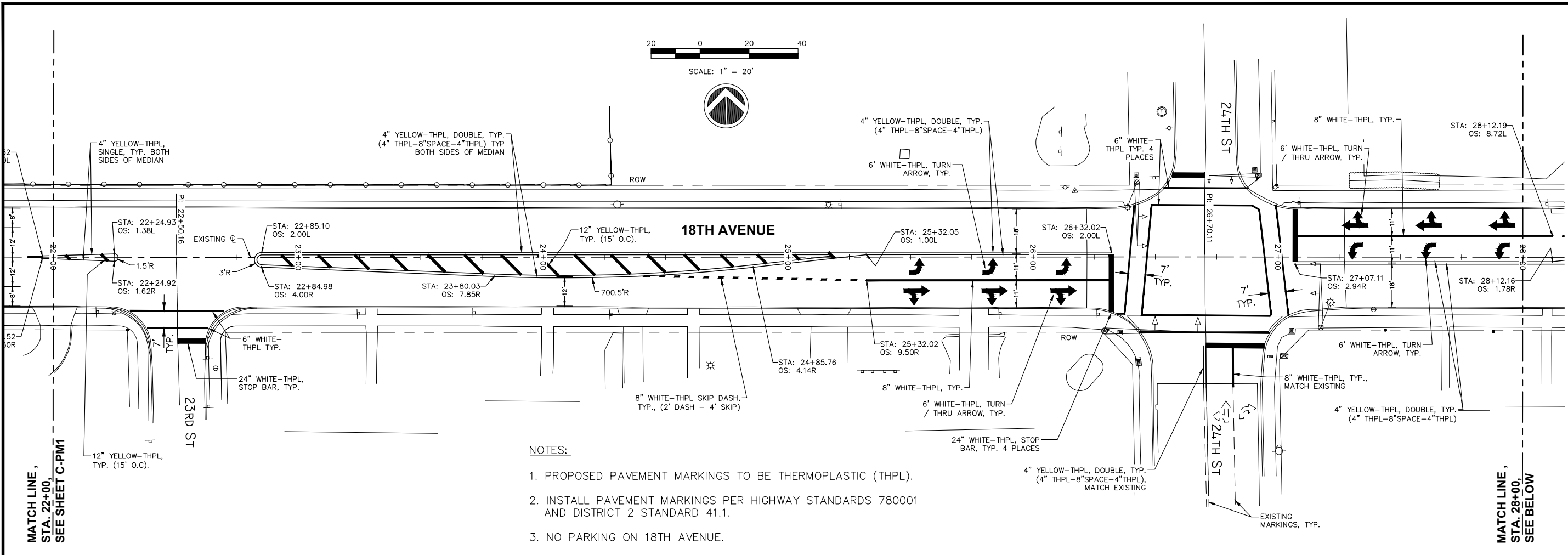
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Date: 2/5/2018

C-PM1

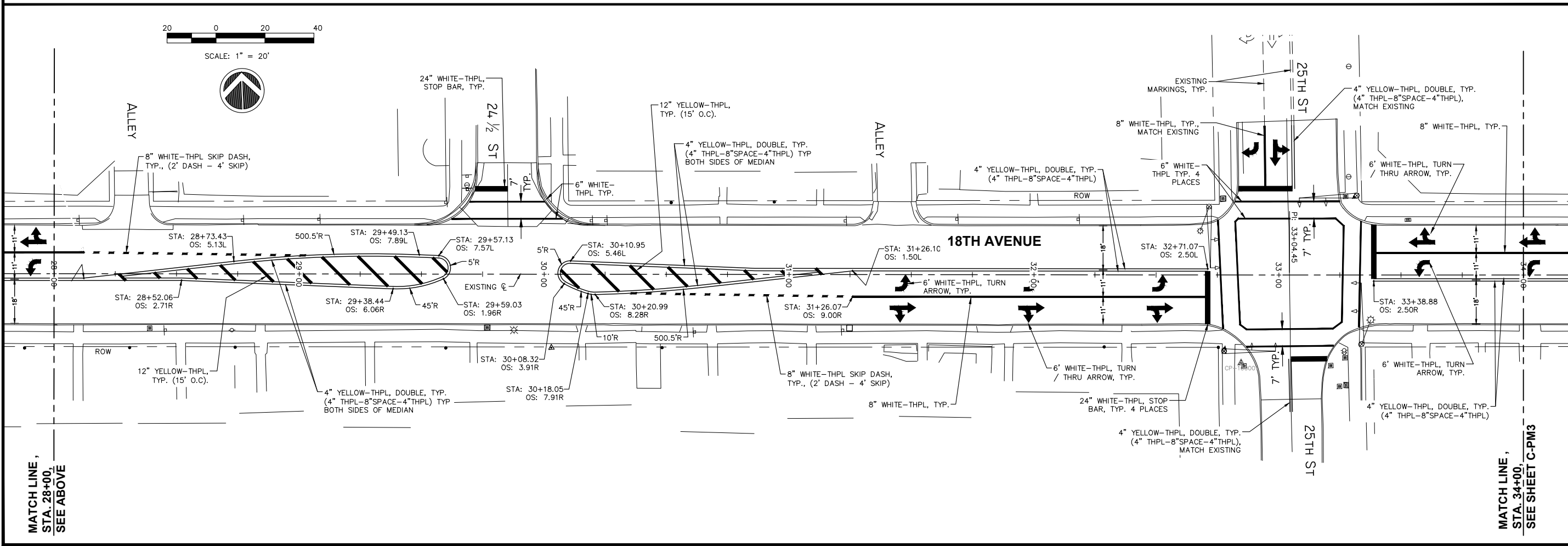
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NOTES:

1. PROPOSED PAVEMENT MARKINGS TO BE THERMOPLASTIC (THPL).
2. INSTALL PAVEMENT MARKINGS PER HIGHWAY STANDARDS 780001 AND DISTRICT 2 STANDARD 41.1.
3. NO PARKING ON 18TH AVENUE.



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18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
PAVEMENT MARKING PLANS
STA. 22+00 TO STA. 34+00

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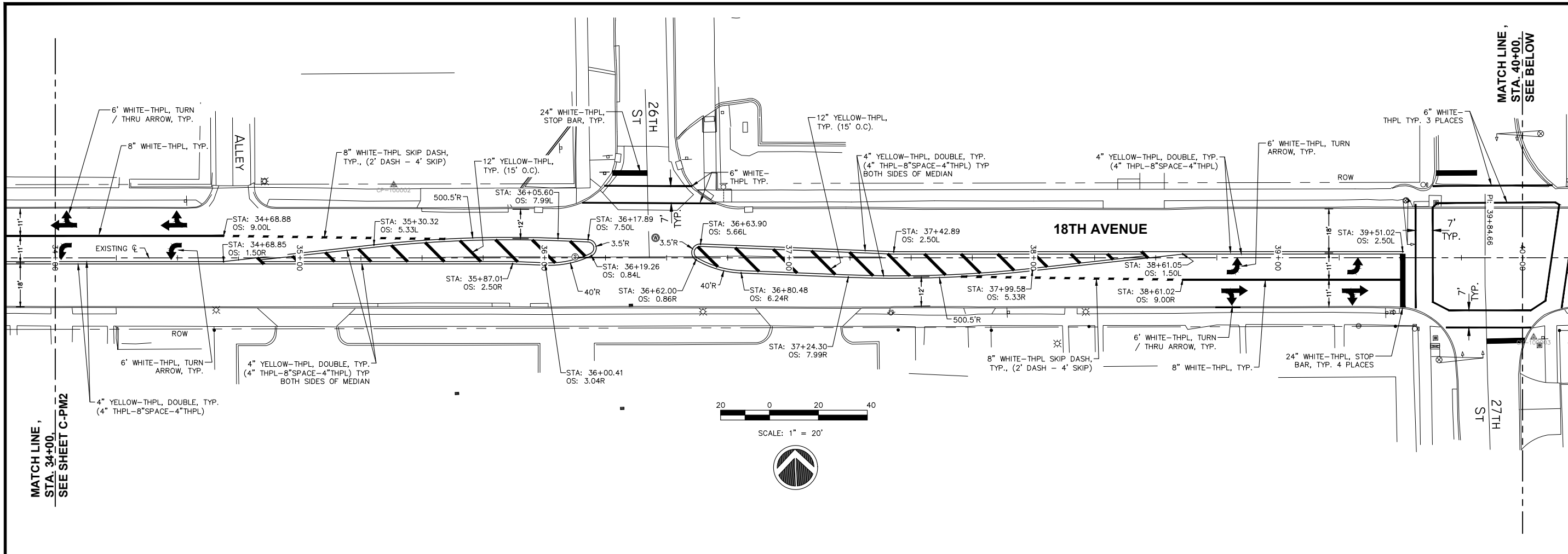
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Date: 2/5/2018

C-PM2

Sheet 131 of 158

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REVISIONS	
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	DATE 3.1.18

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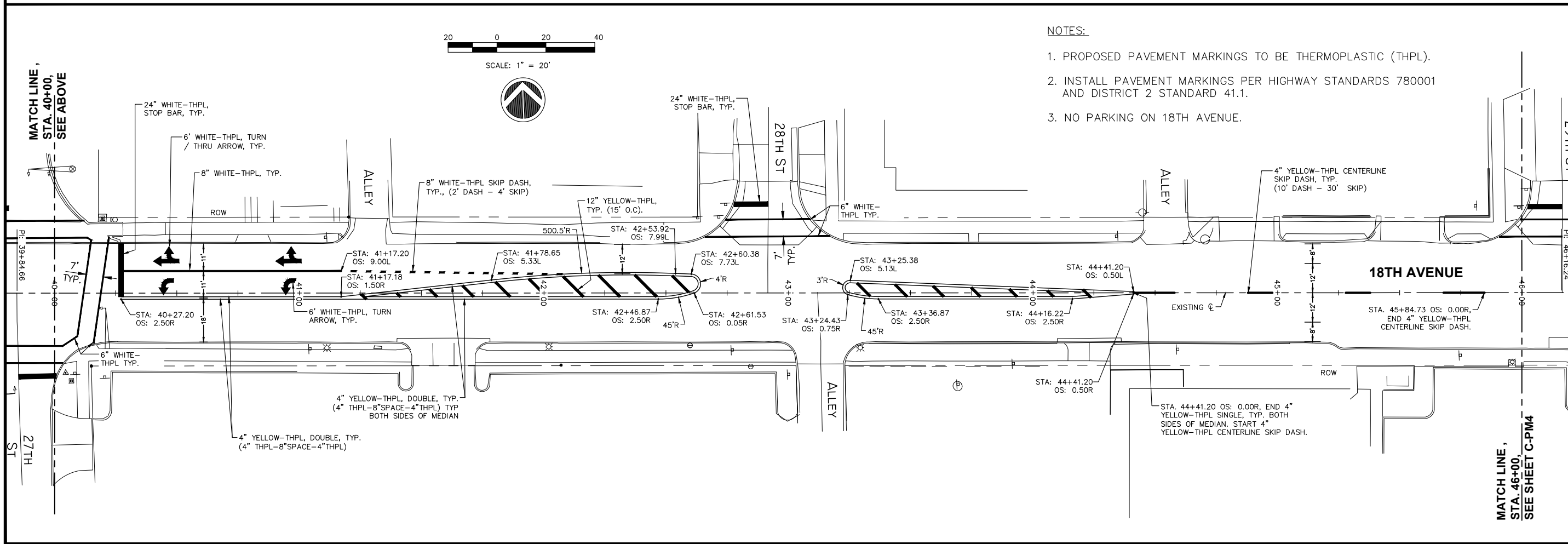
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18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS

PAVEMENT MARKING PLANS
STA. 34+00 TO STA. 46+00

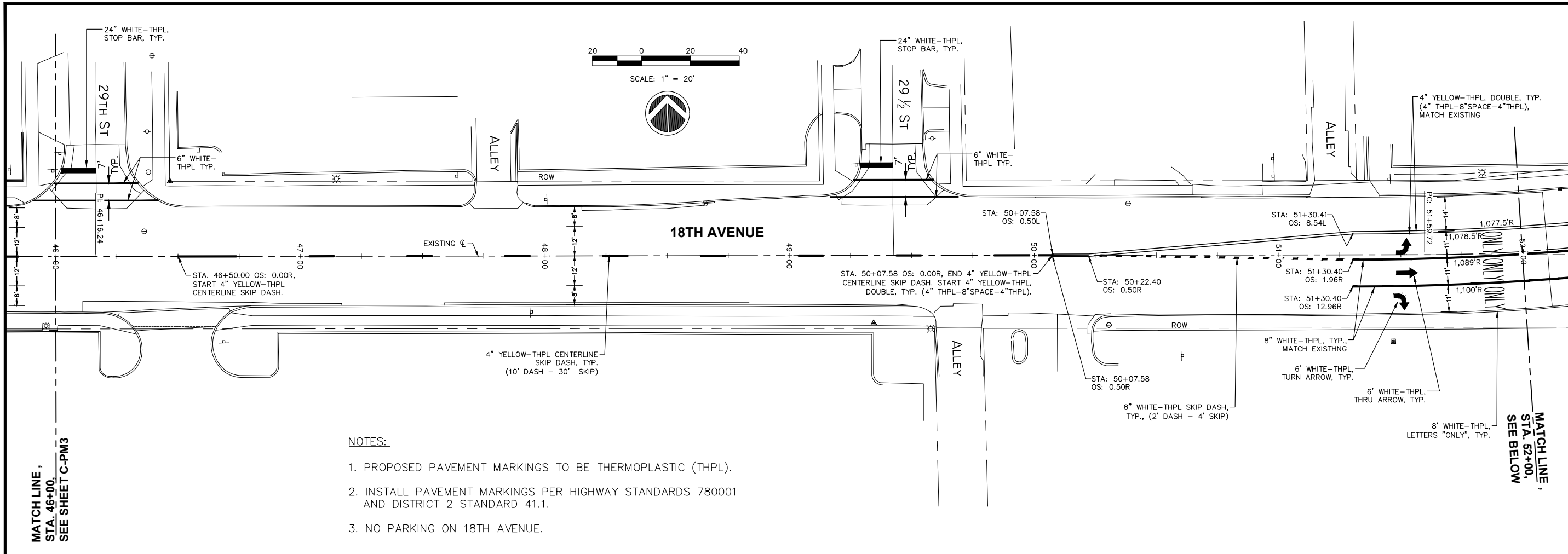
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Drawn By: JNM
Checked By: JNM
Date: 2/5/2018

C-PM3
Sheet 132 of 158



- NOTES:**
1. PROPOSED PAVEMENT MARKINGS TO BE THERMOPLASTIC (THPL).
 2. INSTALL PAVEMENT MARKINGS PER HIGHWAY STANDARDS 780001 AND DISTRICT 2 STANDARD 41.1.
 3. NO PARKING ON 18TH AVENUE.

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NOTES:

1. PROPOSED PAVEMENT MARKINGS TO BE THERMOPLASTIC (THPL).
2. INSTALL PAVEMENT MARKINGS PER HIGHWAY STANDARDS 780001 AND DISTRICT 2 STANDARD 41.1.
3. NO PARKING ON 18TH AVENUE.

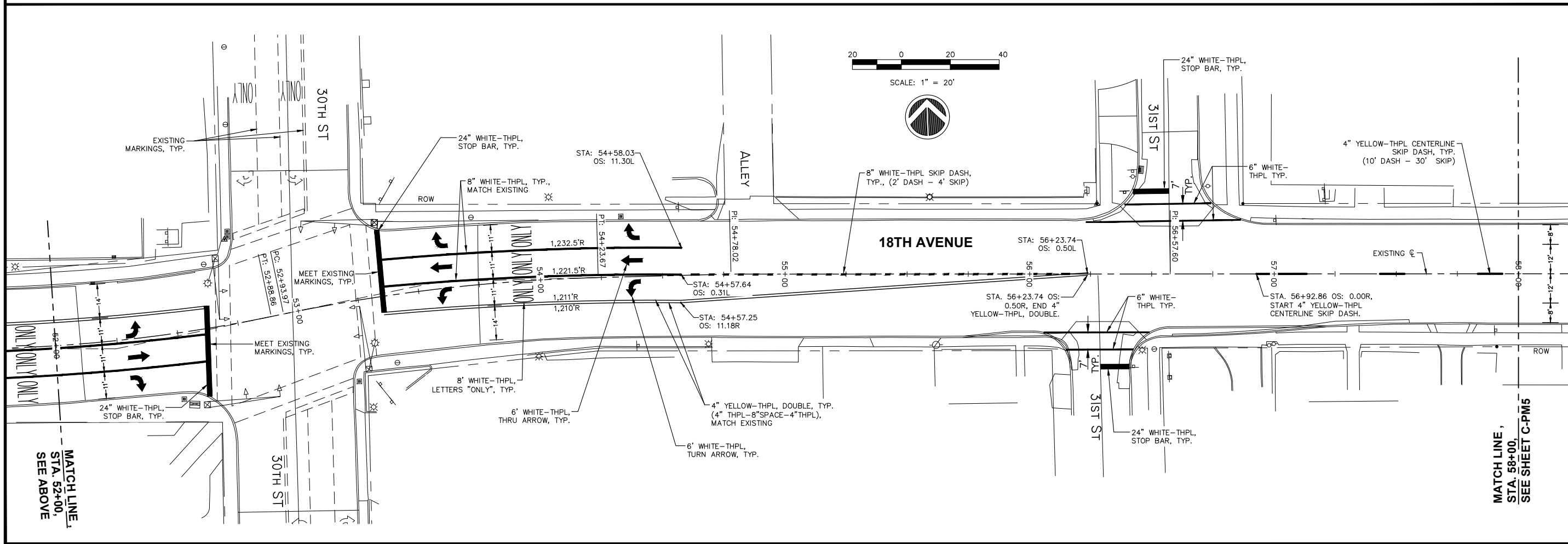
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SEE SHEET C-PM3**

**MATCH LINE,
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**MATCH LINE,
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ROCK ISLAND, ILLINOIS
PAVEMENT MARKING PLANS
STA. 46+00 TO STA. 58+00**

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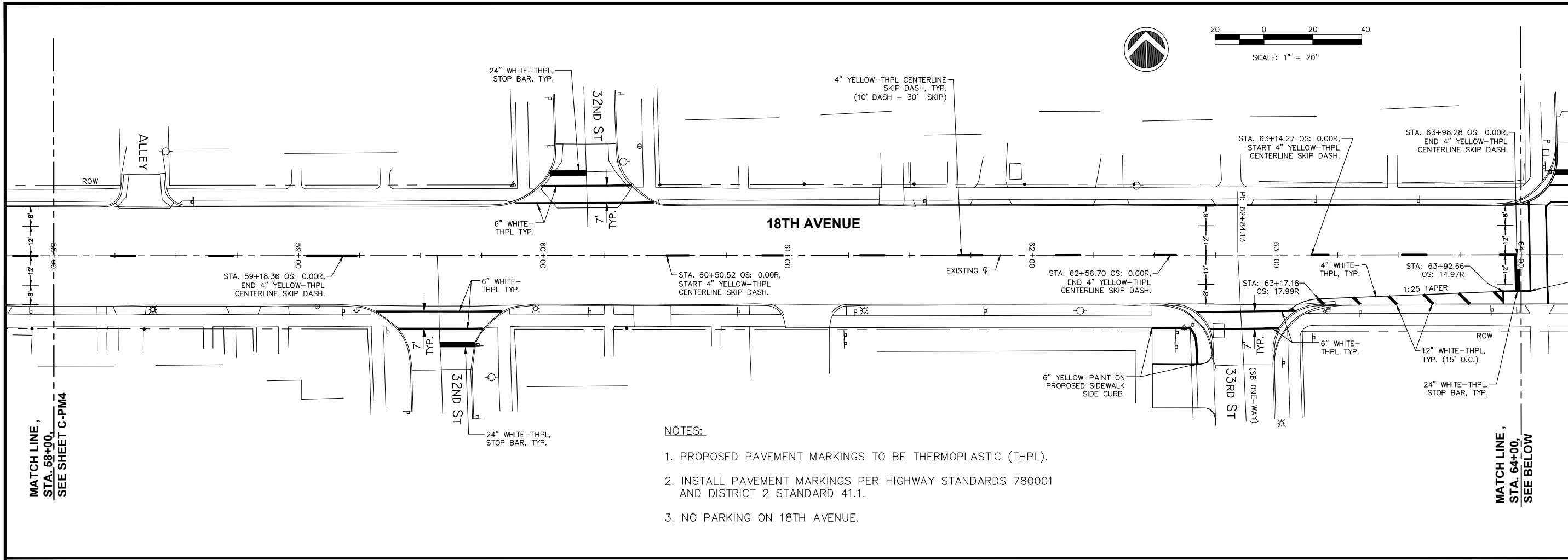
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C-PM4

Sheet 133 of 158

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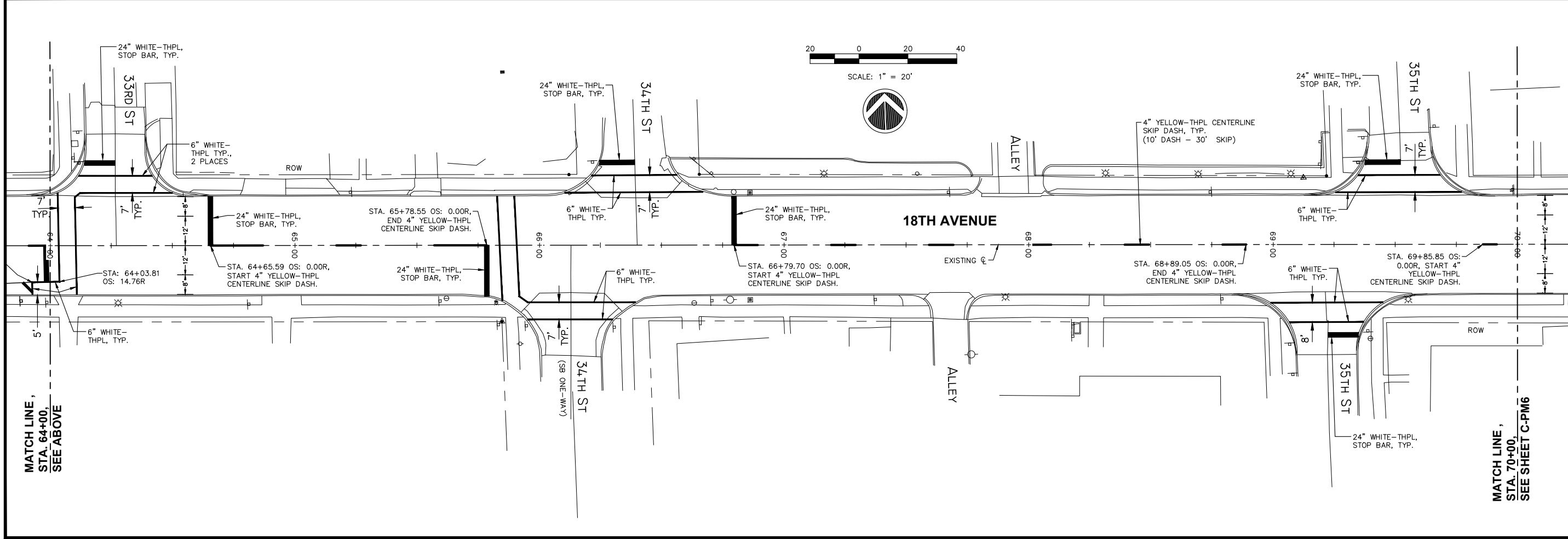
NOTES:

1. PROPOSED PAVEMENT MARKINGS TO BE THERMOPLASTIC (THPL).
2. INSTALL PAVEMENT MARKINGS PER HIGHWAY STANDARDS 780001 AND DISTRICT 2 STANDARD 41.1.
3. NO PARKING ON 18TH AVENUE.

NO.	REVISIONS	DESCRIPTION	DATE
1	REVISED PER 2.8.18	IDOT REVIEW	3.1.18

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18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
PAVEMENT MARKING PLANS
STA. 58+00 TO STA. 70+00

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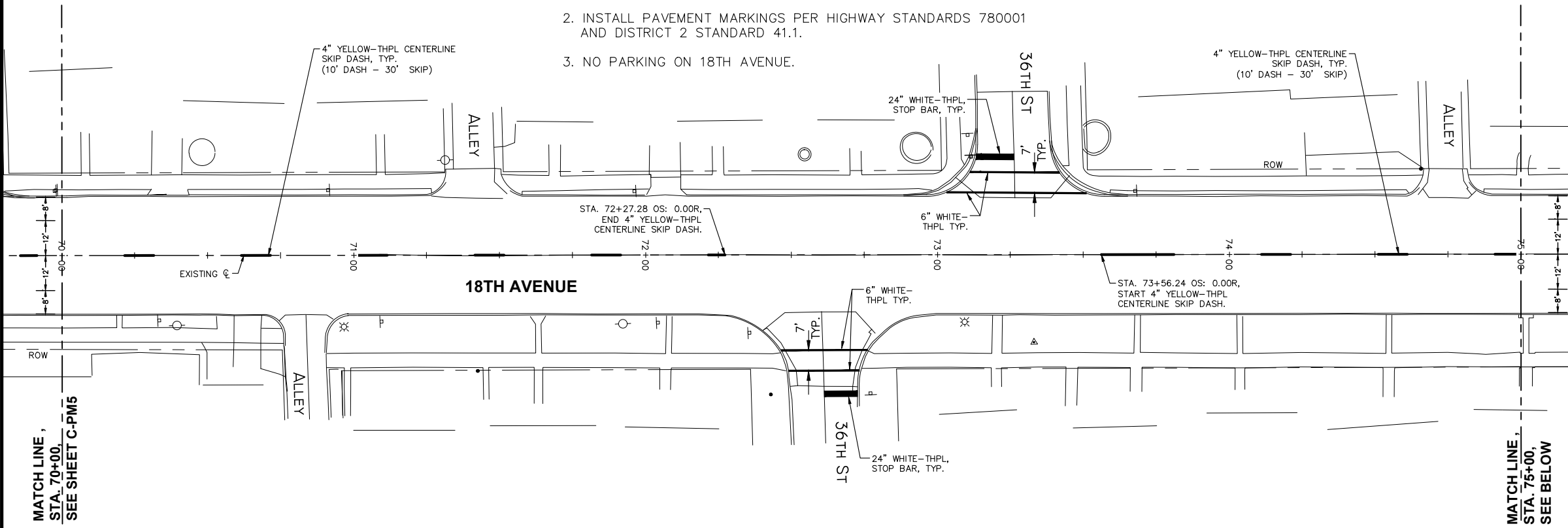
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NOTES:

1. PROPOSED PAVEMENT MARKINGS TO BE THERMOPLASTIC (THPL).
2. INSTALL PAVEMENT MARKINGS PER HIGHWAY STANDARDS 780001 AND DISTRICT 2 STANDARD 41.1.
3. NO PARKING ON 18TH AVENUE.



SCALE: 1" = 20'



MATCH LINE,
STA. 70+00,
SEE SHEET C-PM5

MATCH LINE,
STA. 75+00,
SEE BELOW

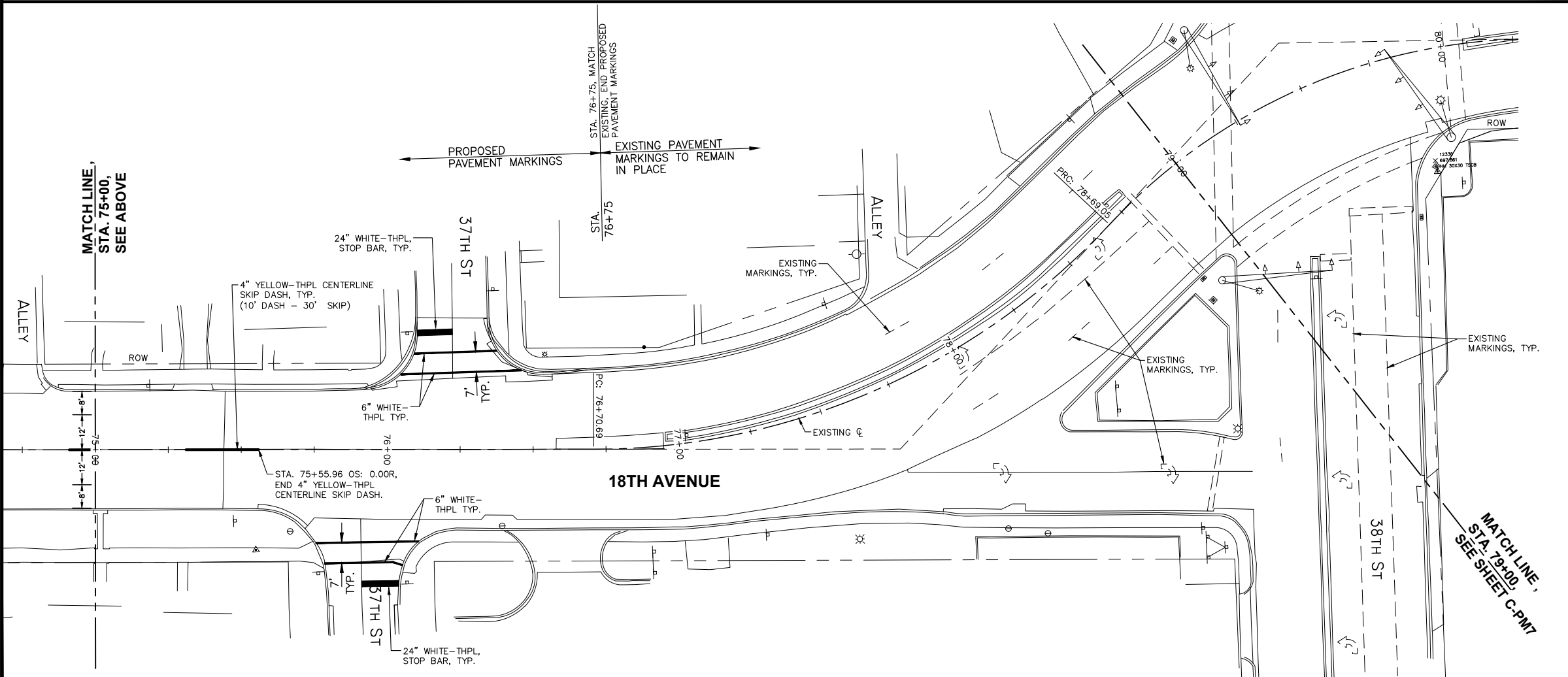
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SCALE: 1" = 20'



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MATCH LINE,
STA. 79+00,
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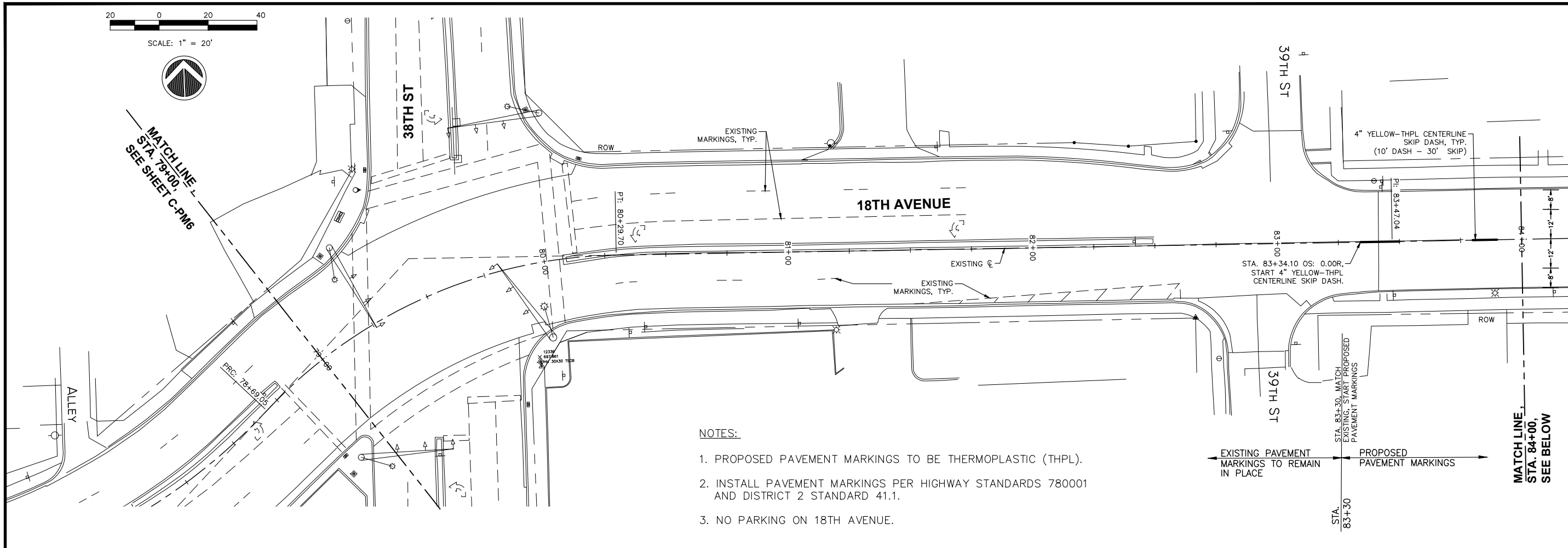
18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
PAVEMENT MARKING PLANS
STA. 70+00 TO STA. 79+00

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C-PM6

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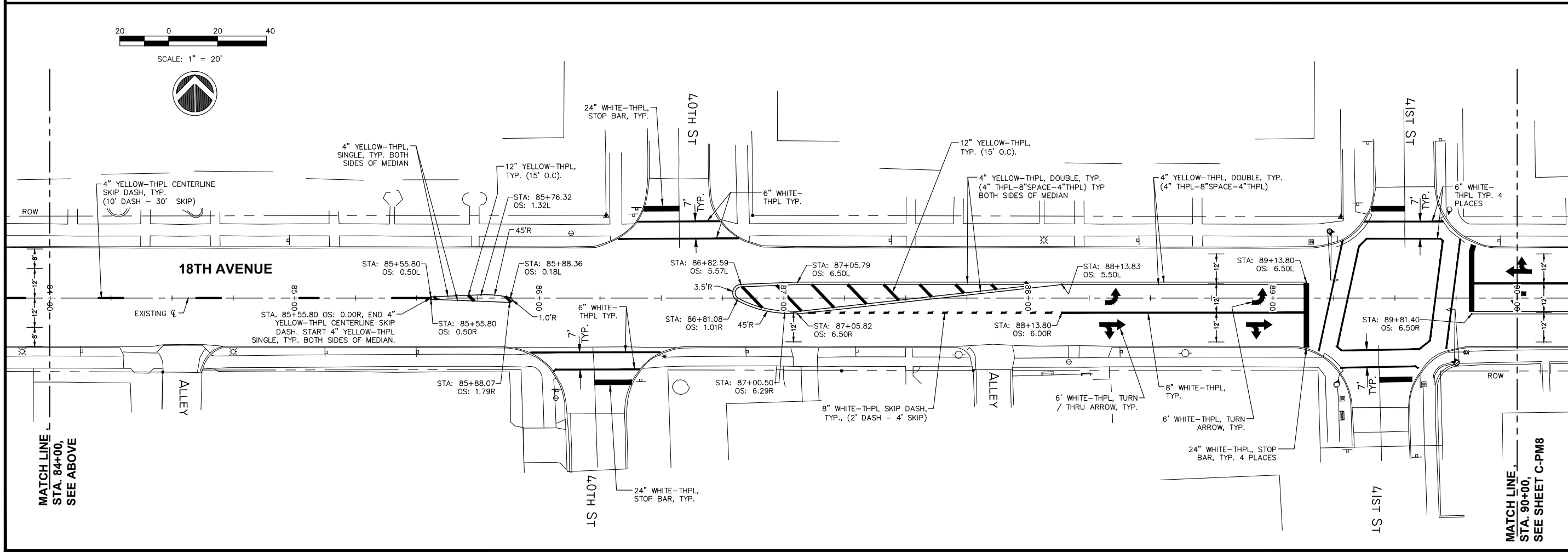
NOTES:

1. PROPOSED PAVEMENT MARKINGS TO BE THERMOPLASTIC (THPL).
2. INSTALL PAVEMENT MARKINGS PER HIGHWAY STANDARDS 780001 AND DISTRICT 2 STANDARD 41.1.
3. NO PARKING ON 18TH AVENUE.

No.	DESCRIPTION	DATE
1	REVISED PER 2.8.18 IDOT REVIEW	3.1.18

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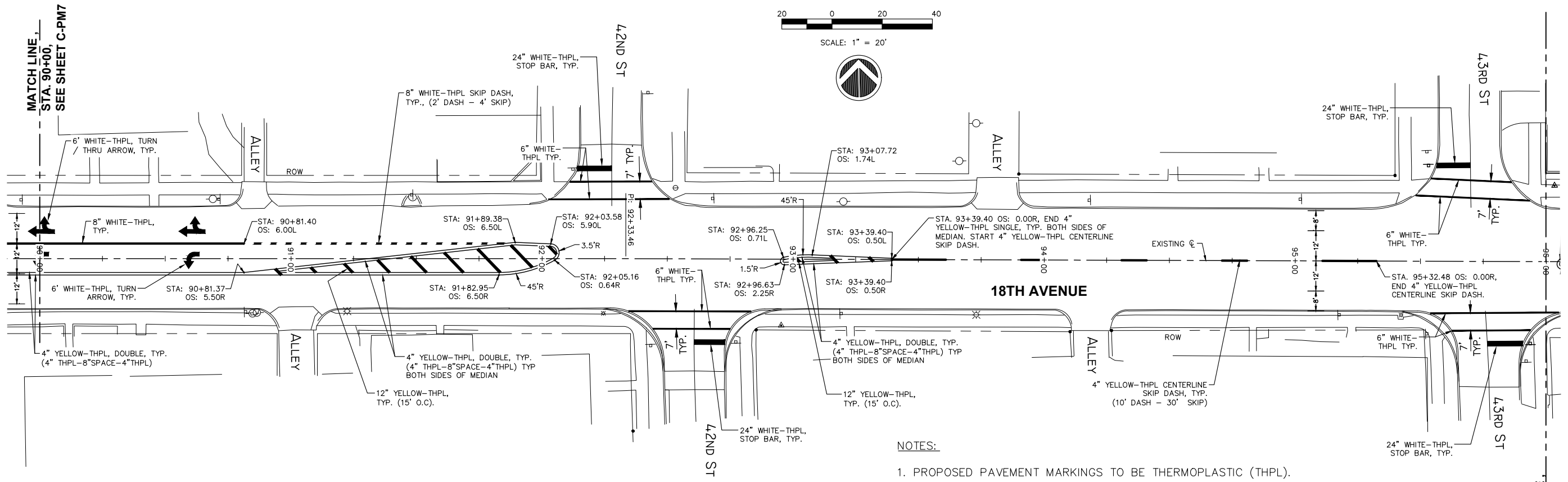


18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS

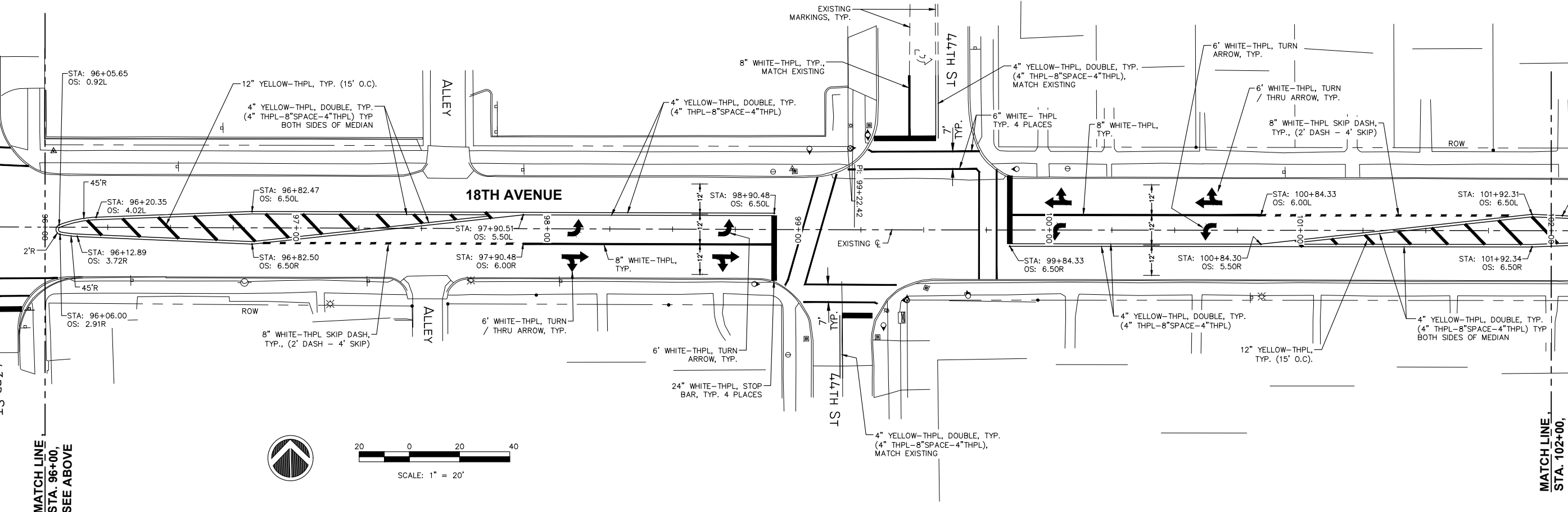
PAVEMENT MARKING PLANS
STA. 79+00 TO STA. 90+00

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Sheet 136 of 158

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- NOTES:**
1. PROPOSED PAVEMENT MARKINGS TO BE THERMOPLASTIC (THPL).
 2. INSTALL PAVEMENT MARKINGS PER HIGHWAY STANDARDS 780001 AND DISTRICT 2 STANDARD 41.1.
 3. NO PARKING ON 18TH AVENUE.



NO.	DESCRIPTION	DATE
1	REVISED PER 2.8.18 IDOT REVIEW	3.1.18

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18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS

PAVEMENT MARKING PLANS
STA. 90+00 TO STA. 102+00

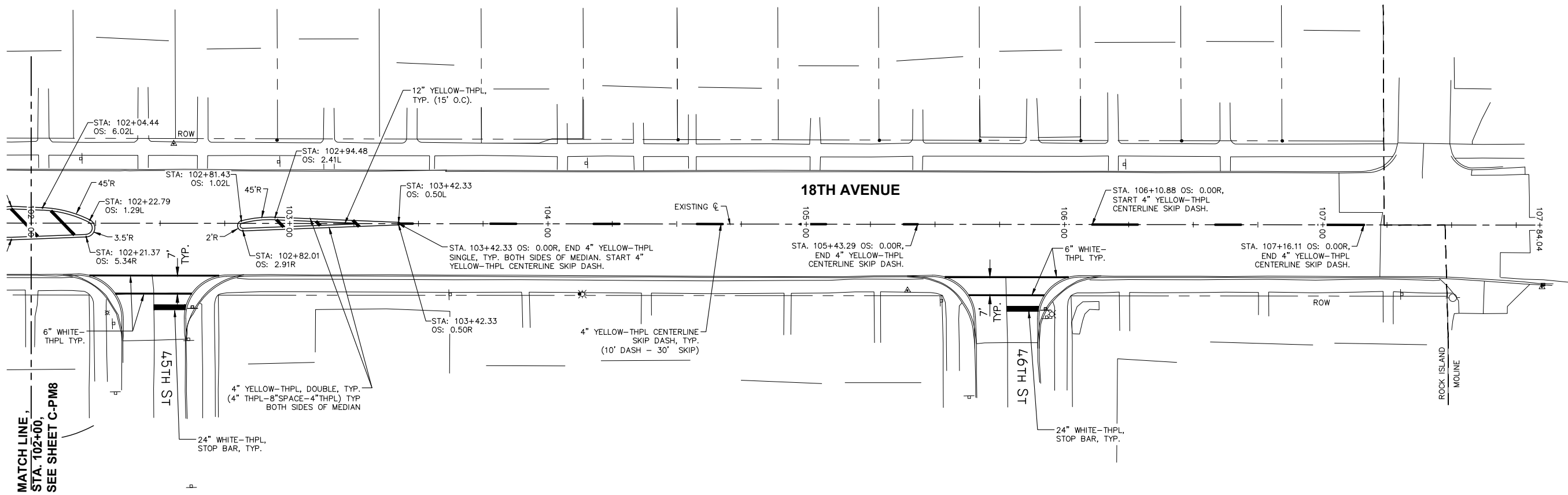
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C-PM8
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SCALE: 1" = 20'



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STA. 102+00,
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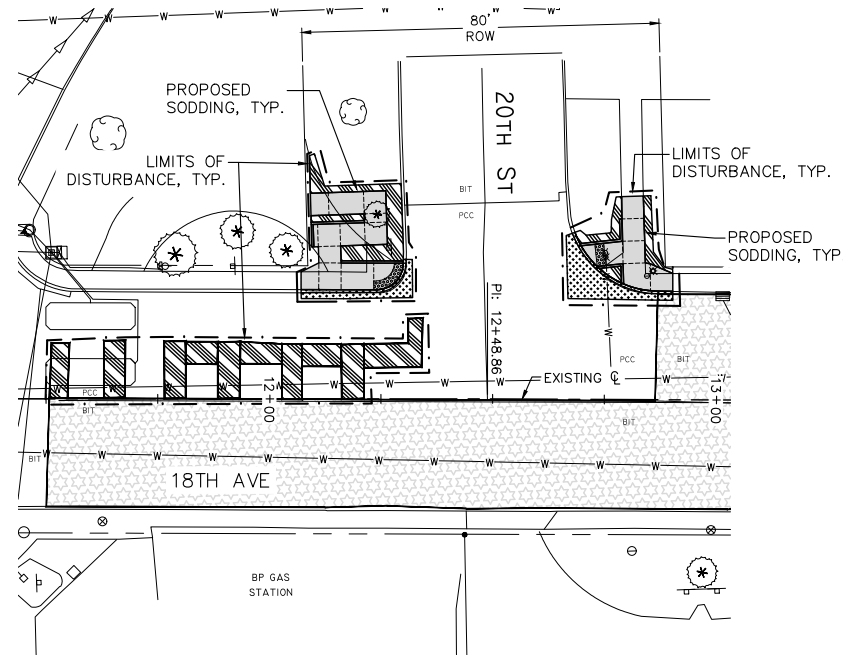
18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
PAVEMENT MARKING PLANS
STA. 102+00 TO STA. 108+00

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File Name:
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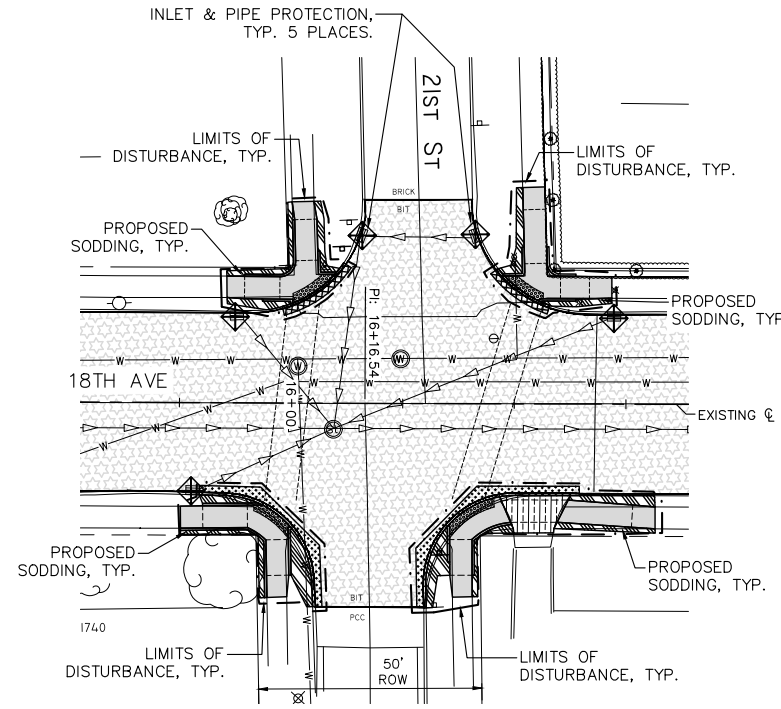
C-PM9
Sheet 138 of 158

- NOTES:
1. PROPOSED PAVEMENT MARKINGS TO BE THERMOPLASTIC (THPL).
 2. INSTALL PAVEMENT MARKINGS PER HIGHWAY STANDARDS 780001 AND DISTRICT 2 STANDARD 41.1.
 3. NO PARKING ON 18TH AVENUE.

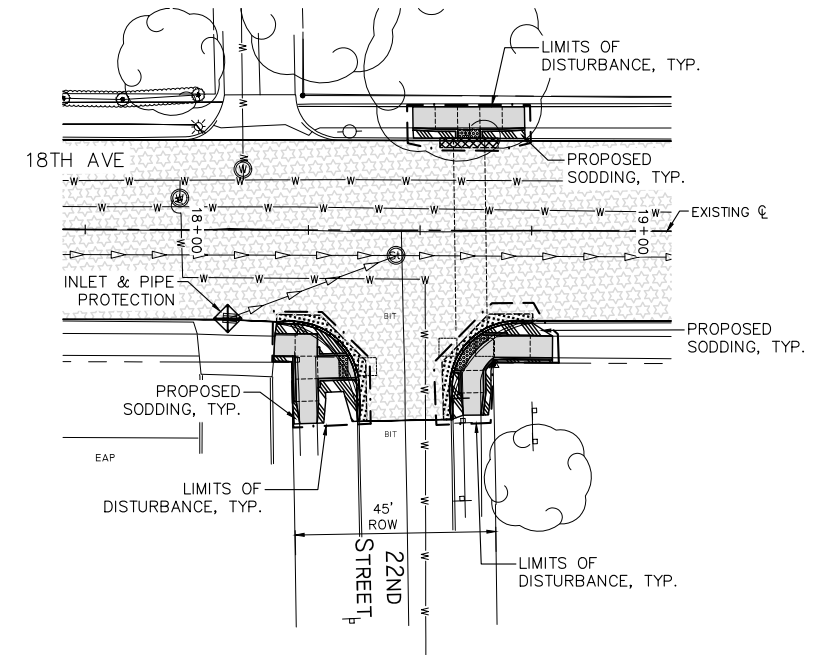
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20TH ST & 18TH AVE INTERSECTION



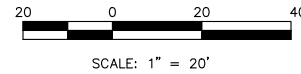
21ST ST & 18TH AVE INTERSECTION



22ND ST SOUTH & 18TH AVE INTERSECTION

GENERAL EROSION AND SEDIMENT CONTROL NOTES:

1. SILT FILTER FENCE (AS A PERIMETER EROSION BARRIER) AND INLET & PIPE PROTECTION SHALL BE REQUIRED PER HIGHWAY STANDARD 280001 - TEMPORARY EROSION SITE CONTROL SYSTEM DRAWING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING, MAINTAINING, AND REMOVING SILT FILTER FENCE AND INLET & PIPE PROTECTION TO THE SATISFACTION OF THE RESIDENT ENGINEER. THIS INCLUDES, BUT IS NOT LIMITED TO, CLEANING EROSION SOILS AS REQUIRED.
2. LOCATION OF THE SILT FILTER FENCES AND INLET & PIPE PROTECTION SHOWN ARE APPROXIMATE. ACTUAL LOCATIONS TO BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION. WHERE THE PRESENCE OF SILT FENCE INTERFERES WITH CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL CONSTRUCT DIVERSION DITCHES AND TEMPORARY SEDIMENT TRAPS. THESE DITCHES AND TRAPS SHALL BE UTILIZED UNTIL THE SILT FENCE CAN BE REINSTALLED OR PERMANENT VEGETATION IS ESTABLISHED.
3. ONCE CONSTRUCTION HAS BEEN COMPLETED, OR TEMPORARILY SUSPENDED FOR LONGER THAN 21 DAYS (SUCH AS A WINTER SHUTDOWN), THE CONTRACTOR SHALL SEED OR SOD ALL AREAS DISTURBED WITHIN 14 DAYS OF THE LAST DISTURBANCE. SILT FILTER FENCE AND INLET & PIPE PROTECTION SHALL REMAIN IN PLACE AND BE MAINTAINED UNTIL THE CONTRACTOR ESTABLISHES A GOOD STAND OF GRASS OF UNIFORM COLOR AND DENSITY TO THE SATISFACTION OF THE ENGINEER.
4. THE CONTRACTOR AND EACH SUBCONTRACTOR RESPONSIBLE FOR WATER POLLUTION CONTROL SHALL DESIGNATE, PRIOR TO BEGINNING CONSTRUCTION, A PERSON OR PERSONS WHO CAN BE CONTACTED IN AN EMERGENCY INVOLVING THEIR WATER POLLUTION CONTROL ITEMS. THESE DESIGNATED PEOPLE SHALL BE AVAILABLE TO REPAIR AND MAINTAIN WATER POLLUTION CONTROL DEVICES ON A 24-HOUR / 7 DAYS PER WEEK BASIS.
5. CONTRACTOR TO EXCAVATE TEMPORARY EROSION CONTROL DRAINAGE SWALES AS REQUIRED TO PREVENT RAIN WATER PONDING AND TO CONTROL STORM WATER RUN-OFF.
6. CONTRACTOR SHALL ADHERE TO THE ILLINOIS MANUAL ON EROSION AND SEDIMENT CONTROL.
7. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION THAT DISTURBS EXISTING STORM WATER RUN-OFF CONDITIONS AND/OR GROUND VEGETATION.
8. EROSION CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EACH PRECIPITATION EVENT AND REPLACED OR REPAIRED AS NECESSARY.
9. THE CONTRACTOR SHALL MONITOR AND MAINTAIN ALL SITE EROSION INCLUDING ALL LOCATIONS WHERE VEHICLES / CONSTRUCTION EQUIPMENT TRAVEL AROUND THE SITE, STORAGE / PARKING AREAS, BATCH PLANT AREAS AND ALL OTHER AREAS SUBJECT TO EROSION. THESE AREAS SHALL BE CONTROLLED AND INSPECTED BY THE CONTRACTOR AT LEAST ONCE EVERY SEVEN DAYS AND WITHIN 24 HOURS AFTER THE END OF EACH 0.25 INCHES OR GREATER PRECIPITATION EVENT.
10. FILL AREAS ARE TO A MINIMUM COMPACTION OF 95% OF THE MATERIALS STANDARD PROCTOR MAXIMUM DRY DENSITY.
11. SILT FILTER FENCE AND INLET & PIPE PROTECTION SHALL BE CLEANED OR REPLACED WHEN SILT BUILDS UP TO WITHIN ONE FOOT OF THE TOP OF THE SILT FENCE OR PROTECTION MATERIAL. THE CONTRACTOR SHALL PROTECT ALL STORM INLETS IN ACCORDANCE WITH ARTICLE 280 OF THE STANDARDS SPECIFICATIONS FOR ROAD (IDOT) AND BRIDGE CONSTRUCTION AND THE CITY OF ROCK ISLAND'S STORM-WATER ORDINANCE.
12. THE CONTRACTOR SHALL COMPLY WITH THE REQUIREMENTS OF AND CREATE / KEEP ALL RECORDS AND REPORTS REQUIRED BY THE GENERAL NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) PERMIT (ILR10) THAT AUTHORIZES THIS CONSTRUCTION PROJECT.
13. THE RESIDENT ENGINEER WILL:
 - A. PREPARE AND SUBMIT THE NOTICE OF INTENT (NOI) DOCUMENT.
 - B. IF REQUIRED, SUBMIT INCIDENCE OF NON-COMPLIANCE (ION) FORMS.
 - C. SUBMIT NOTICE OF TERMINATION (NOT) FORM.
14. SEE IDOT FORM BDE 2342 (FOUND IN THE PROJECT SPECIAL PROVISIONS) FOR ADDITIONAL STORM WATER POLLUTION PREVENTION PLAN REQUIREMENTS AND INFORMATION.
15. AREAS INDICATED TO HAVE SODDING MAY ALSO REQUIRE TEMPORARY SEEDING AS NECESSARY IN ACCORDANCE TO THE ABOVE NOTE 3 AND IDOT FORM BDE 2342.
16. CONSTRUCTION ENTRANCES SHALL BE MAINTAINED TO PREVENT OFF-SITE TRACKING OF SEDIMENT ONTO PUBLIC ROADWAYS. ANY SEDIMENT DEPOSITED ON PUBLIC ROADS SHALL BE REMOVED BY SHOVELING OR STREET CLEANING BEFORE THE END OF EACH WORKING DAY.
17. WATER PUMPED DURING CONSTRUCTION OPERATIONS SHALL BE FILTERED. WATER PUMPED OUT OF CONSTRUCTION HOLES SHALL BE FILTERED.
18. CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN A CONCRETE WASHOUT AREA. CONCRETE WASHOUT DEBRIS SHALL BE HAULED AND DISPOSED OF AT A OFF SITE LOCATION BY THE CONTRACTOR. UPON COMPLETION OF CONSTRUCTION, CONCRETE WASHOUT AREA SHALL BE CLEANED UP, FILLED IN AND SODDED.
19. CONTRACTOR SHALL FURNISH, INSTALL, AND MAINTAIN AN ON-SITE RAIN GAUGE.
20. ALL DISTURBED AREAS WITHIN THE LIMITS OF CONSTRUCTION (AS SHOWN ON THESE PLANS) SHALL BE SEEDED. ALL OTHER AREAS THAT ARE DISTURBED BY THE CONTRACTOR (WHICH MAY NOT BE SHOWN ON THESE PLANS) SHALL BE FERTILIZED AND SEEDED BY THE CONTRACTOR PER THE STANDARD SPECIFICATIONS. THIS WORK (WHICH IS LOCATED OUTSIDE THE LIMITS OF CONSTRUCTION AND NOT SHOWN ON THESE PLANS) SHALL NOT BE MEASURED FOR PAYMENT OR PAID FOR. THE CONTRACTOR SHALL INCLUDE THE COST FOR THIS WORK IN THE CONTRACT UNIT PRICES. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR RESTORING DISTURBED AREAS THAT ARE OUTSIDE OF THE CONSTRUCTION LIMITS.
21. ADDITIONAL EROSION CONTROL DEVICES SHALL BE USED AS REQUIRED. THE COSTS OF ALL MEASURES NECESSARY TO COMPLY WITH THIS STORM WATER POLLUTION PREVENTION PLAN AND THE NPDES PERMIT SHALL BE INCLUDED IN THE TEMPORARY EROSION CONTROL CONTRACT UNIT PRICES.



ESTIMATED TOTAL CONSTRUCTION SITE AREA: 10.65 ACRES.
 ESTIMATED TOTAL NON-PAVED AREA EXPECTED TO BE DISTURBED: 0.85 ACRES.
 ESTIMATED POST CONSTRUCTION RUNOFF COEFFICIENT: 0.70.
 RECEIVING WATERS FROM THIS SITE: MISSISSIPPI RIVER

LEGEND:

- PROPOSED HMA MILL & OVERLAY
- PROPOSED PCC STREET PAVEMENT REMOVAL & REPLACEMENT
- PROPOSED PCC SIDEWALK REMOVAL & REPLACEMENT
- PROPOSED SODDING
- PROPOSED SEEDING, CLASS 2
- PROPOSED EROSION CONTROL BLANKET
- PROPOSED INLET & PIPE PROTECTION (INLET FILTERS)
- PROPOSED STORM SEWER
- PROPOSED SILT FILTER FENCE AS A PERIMETER EROSION BARRIER

REVISIONS	DESCRIPTION	DATE
No. 1	REVISED PER 2.8.18 IDOT REVIEW	3.1.18

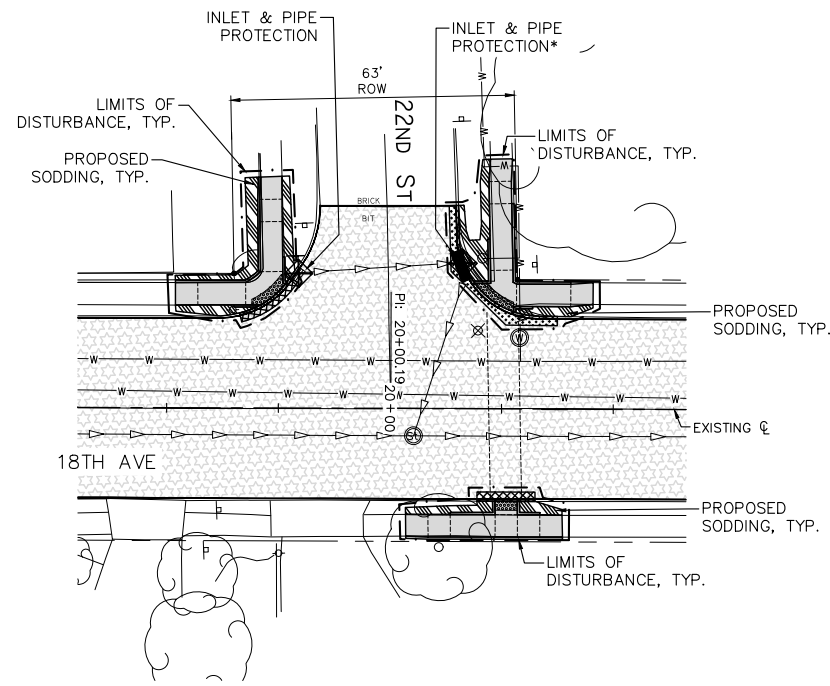
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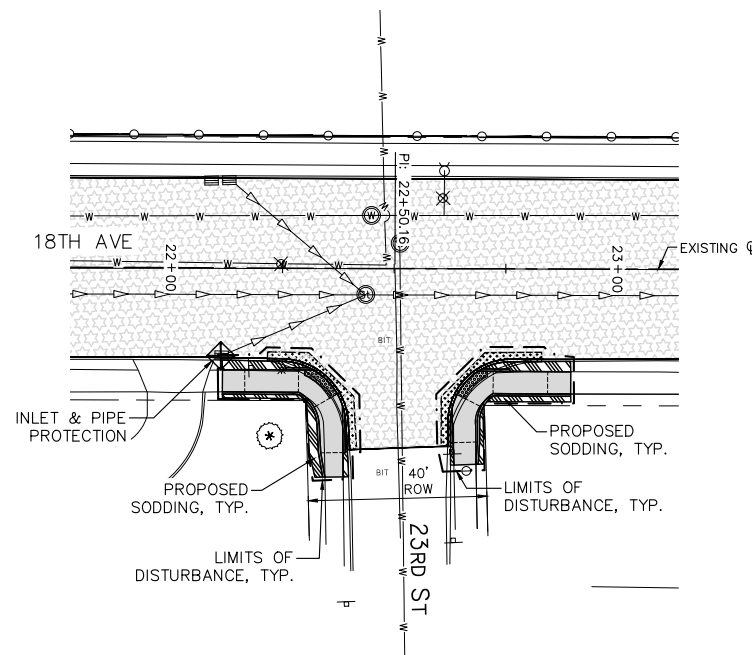
18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
EROSION AND SEDIMENT CONTROL
SIDE STREETS

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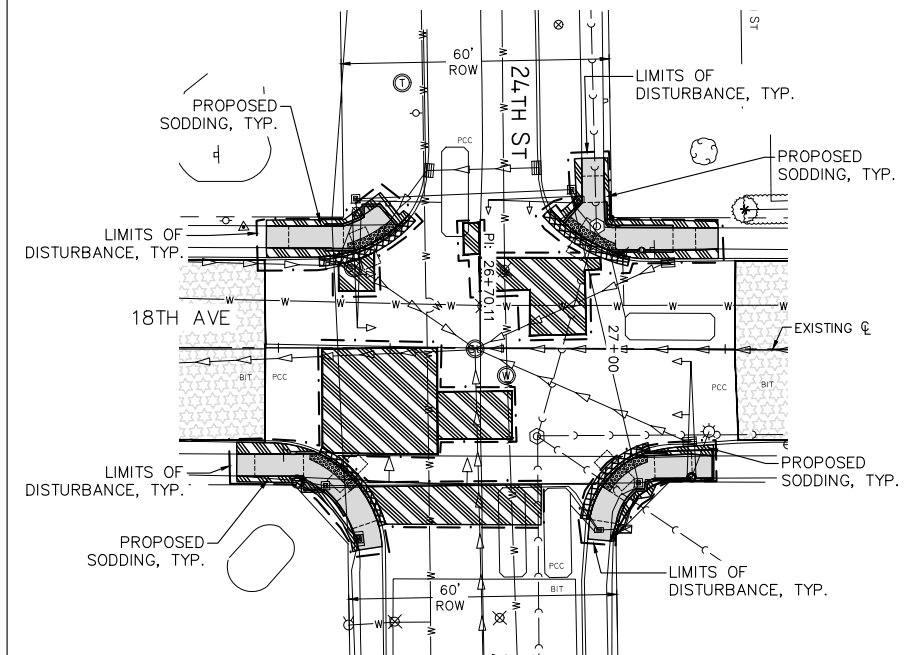
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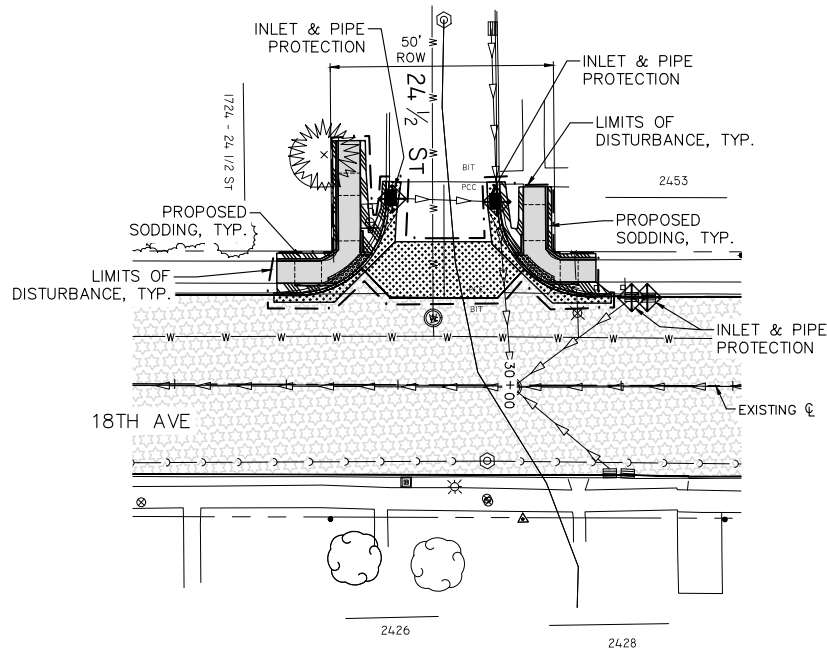
22ND ST NORTH & 18TH AVE INTERSECTION



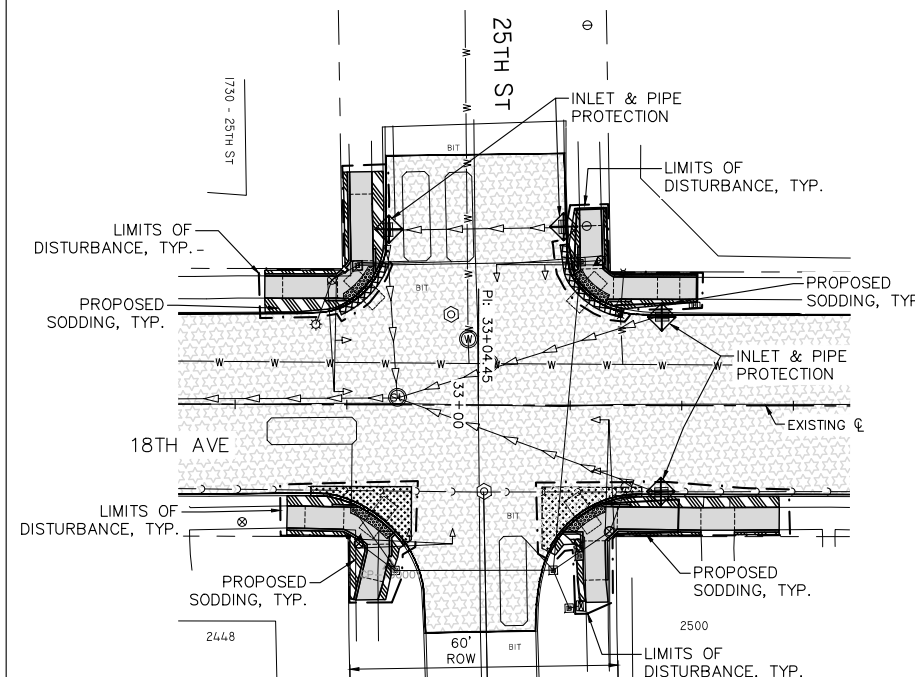
23RD ST SOUTH & 18TH AVE INTERSECTION



24TH ST & 18TH AVE INTERSECTION



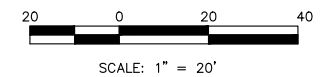
24 1/2 ST & 18TH AVE INTERSECTION



25TH ST & 18TH AVE INTERSECTION

NOTES:

- SEE SHEET C-EC1 FOR GENERAL EROSION AND SEDIMENT CONTROL NOTES.
- * = AFTER PROPOSED INLET CONSTRUCTED, RELOCATE PROTECTION TO NEW INLET LOCATION. INCLUDE RELOCATION COST IN CONTRACT UNIT PRICE. NO SECOND PAYMENT FOR RELOCATIONS.



LEGEND:

- PROPOSED HMA MILL & OVERLAY
- PROPOSED PCC STREET PAVEMENT REMOVAL & REPLACEMENT
- PROPOSED PCC SIDEWALK REMOVAL & REPLACEMENT
- PROPOSED SODDING
- PROPOSED SEEDING, CLASS 2
- PROPOSED EROSION CONTROL BLANKET
- PROPOSED INLET & PIPE PROTECTION (INLET FILTERS)
- PROPOSED STORM SEWER
- PROPOSED SILT FILTER FENCE AS A PERIMETER EROSION BARRIER

REVISIONS	DESCRIPTION	DATE
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18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS

EROSION AND SEDIMENT CONTROL
SIDE STREETS

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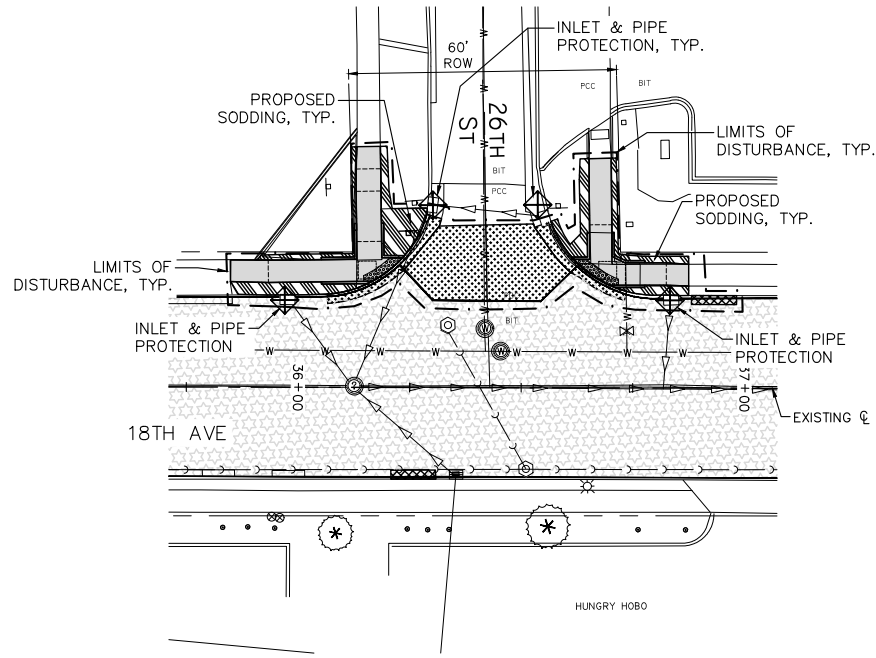
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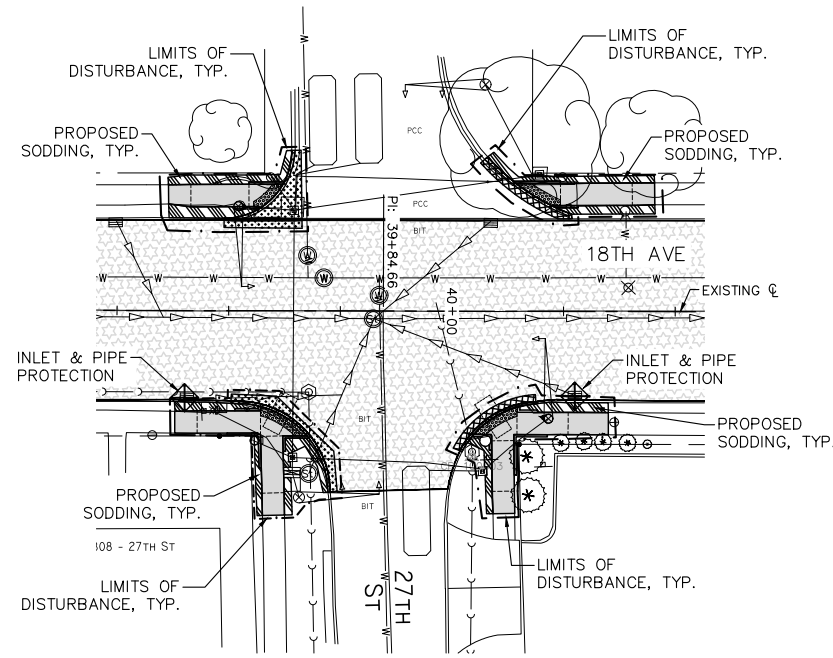
C-EC2

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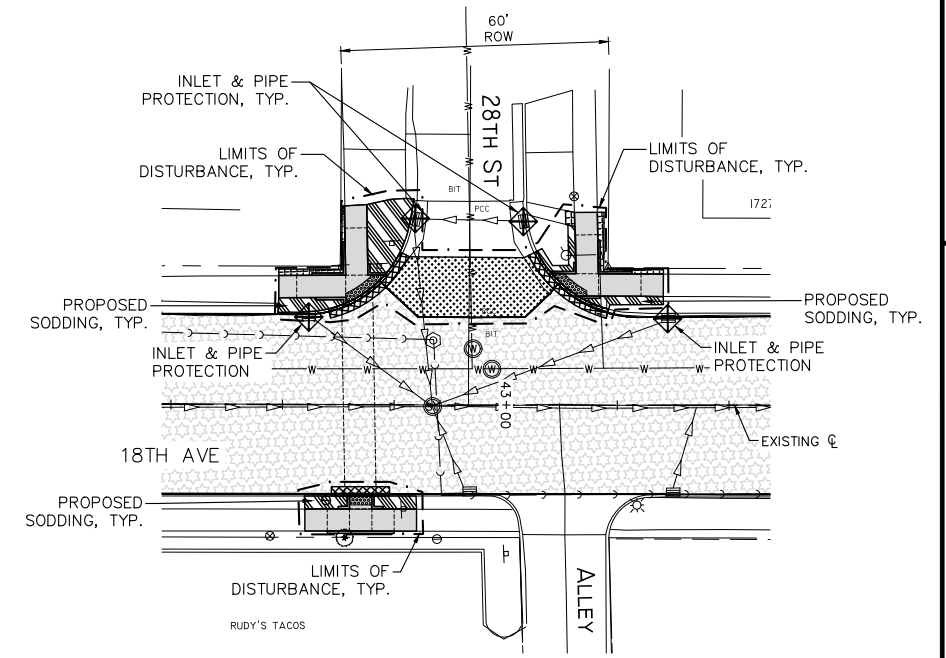
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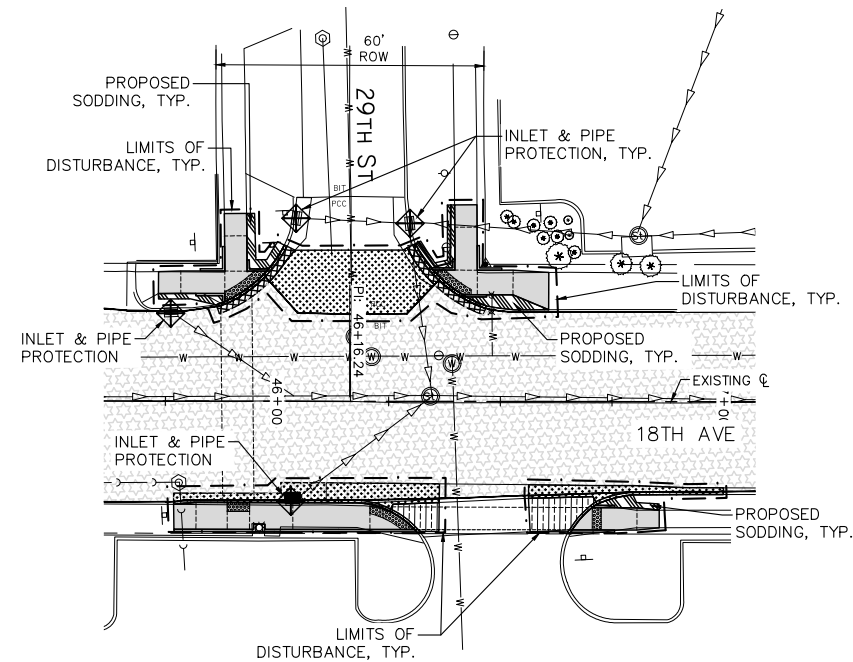
26TH ST & 18TH AVE INTERSECTION



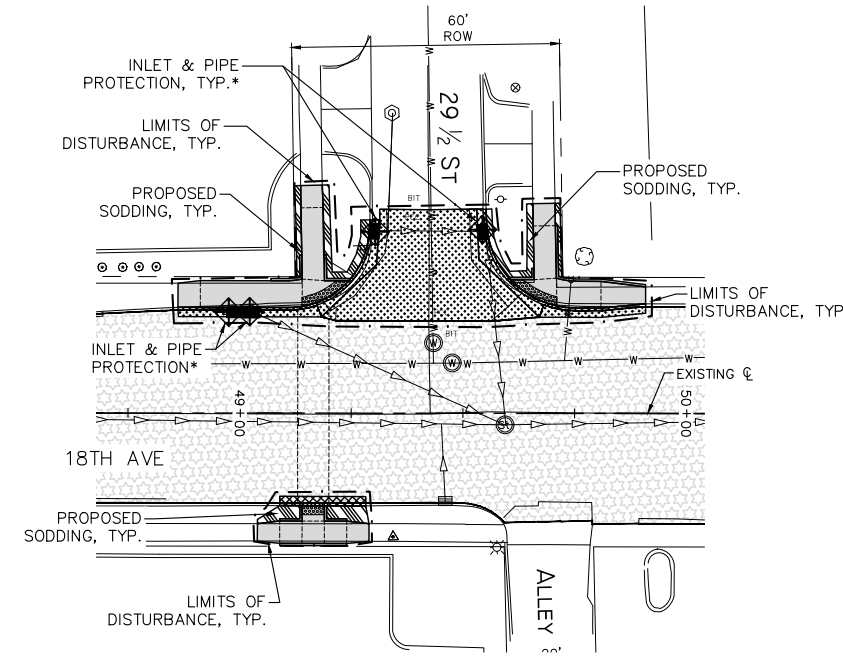
27TH ST & 18TH AVE INTERSECTION



28TH ST & 18TH AVE INTERSECTION



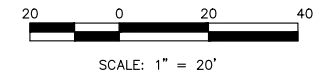
29TH ST & 18TH AVE INTERSECTION





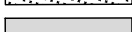






29 1/2 ST & 18TH AVE INTERSECTION

NOTES:

- SEE SHEET C-EC1 FOR GENERAL EROSION AND SEDIMENT CONTROL NOTES.
- * = AFTER PROPOSED INLET CONSTRUCTED, RELOCATE PROTECTION TO NEW INLET LOCATION. INCLUDE RELOCATION COST IN CONTRACT UNIT PRICE. NO SECOND PAYMENT FOR RELOCATIONS.



LEGEND:

-  PROPOSED HMA MILL & OVERLAY
-  PROPOSED PCC STREET PAVEMENT REMOVAL & REPLACEMENT
-  PROPOSED PCC SIDEWALK REMOVAL & REPLACEMENT
-  PROPOSED SODDING
-  PROPOSED SEEDING, CLASS 2
-  PROPOSED EROSION CONTROL BLANKET
-  PROPOSED INLET & PIPE PROTECTION (INLET FILTERS)
-  PROPOSED STORM SEWER
-  PROPOSED SILT FILTER FENCE AS A PERIMETER EROSION BARRIER

REVISIONS	DESCRIPTION	DATE
No. 1	REVISED PER 2.8.18 IDOT REVIEW	3.1.18

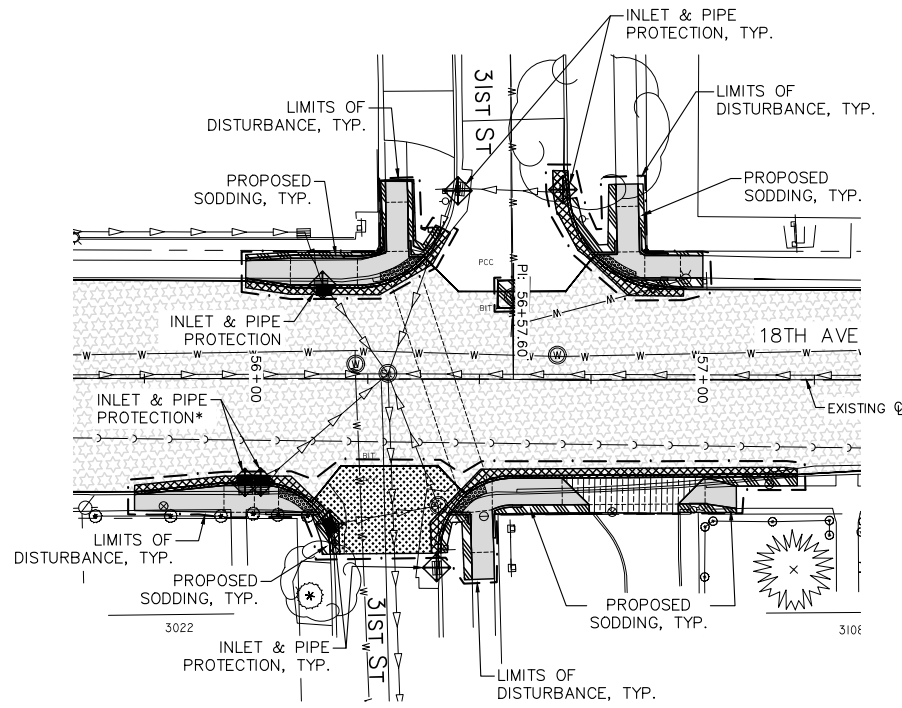
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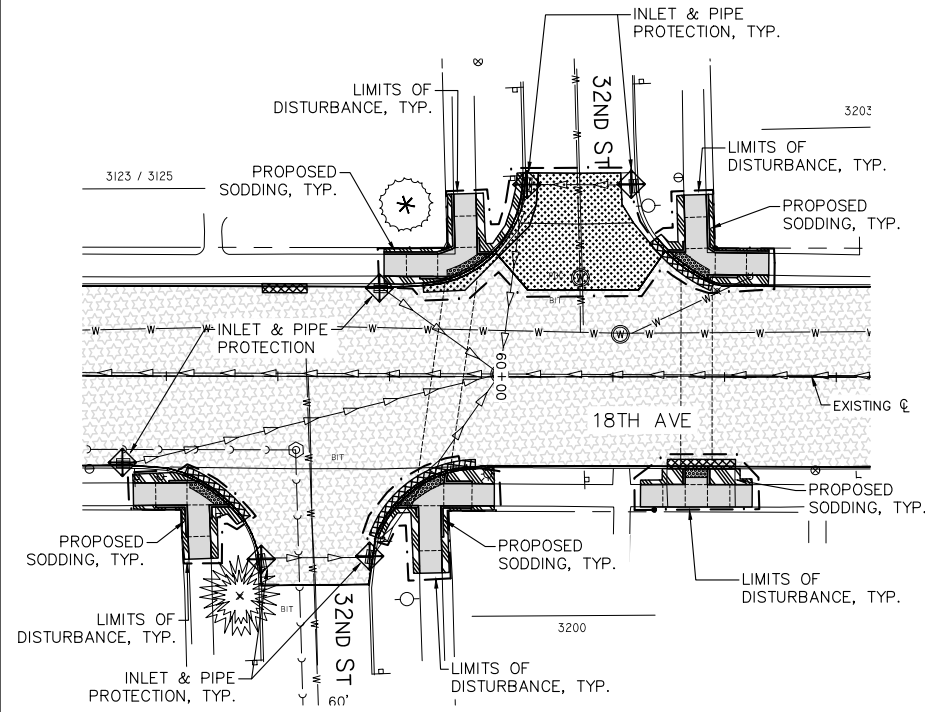
18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
EROSION AND SEDIMENT CONTROL
SIDE STREETS

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C-EC3
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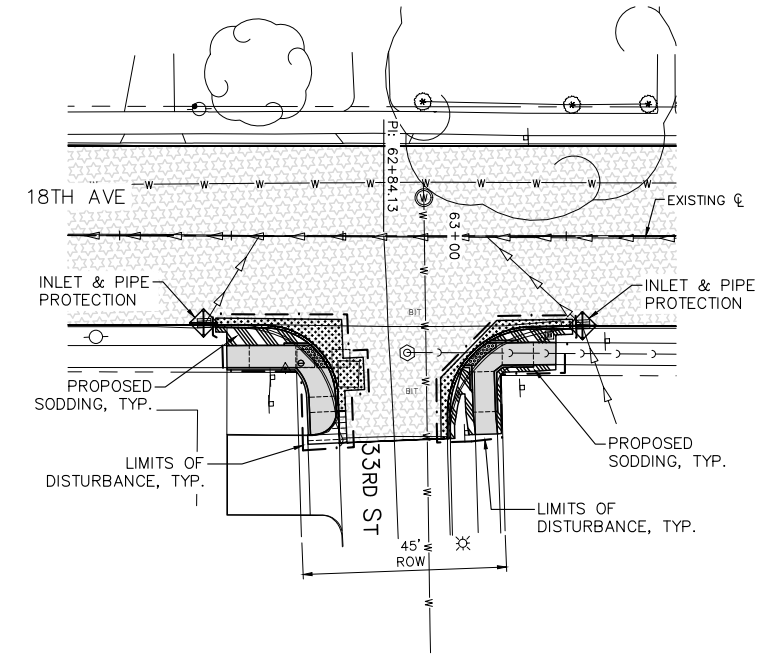
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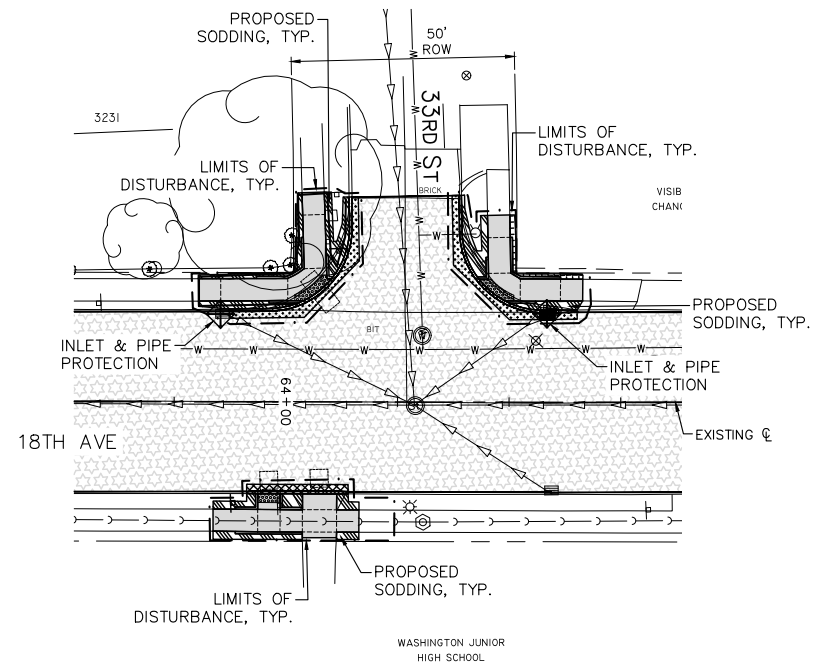
31ST ST & 18TH AVE INTERSECTION



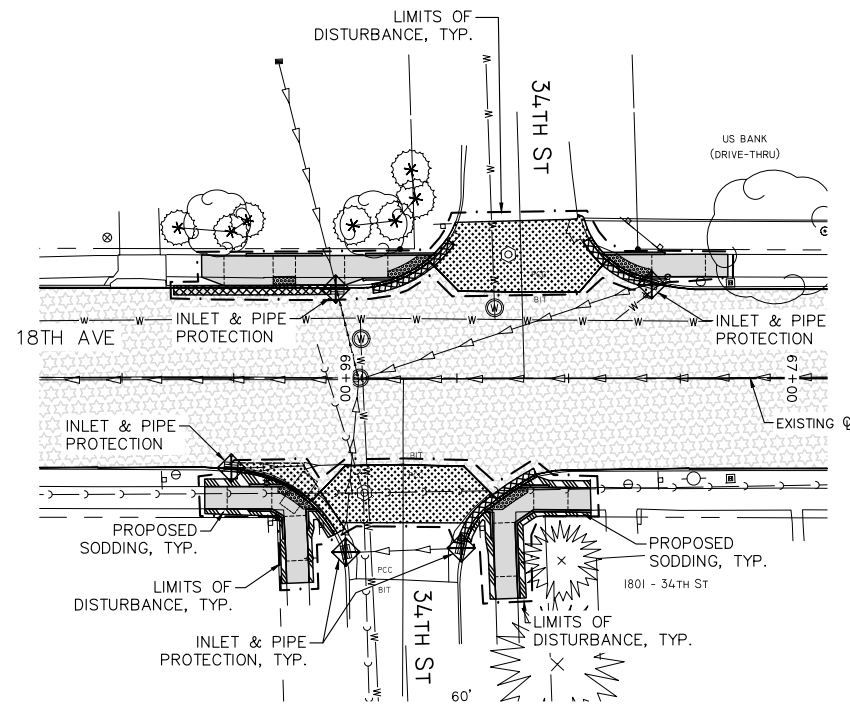
32ND ST & 18TH AVE INTERSECTION



33RD ST SOUTH & 18TH AVE INTERSECTION



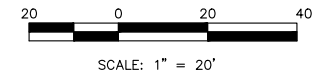
33RD ST NORTH & 18TH AVE INTERSECTION



34TH ST & 18TH AVE INTERSECTION

NOTES:

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- * = AFTER PROPOSED INLET CONSTRUCTED, RELOCATE PROTECTION TO NEW INLET LOCATION. INCLUDE RELOCATION COST IN CONTRACT UNIT PRICE. NO SECOND PAYMENT FOR RELOCATIONS.



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	DATE 3.1.18

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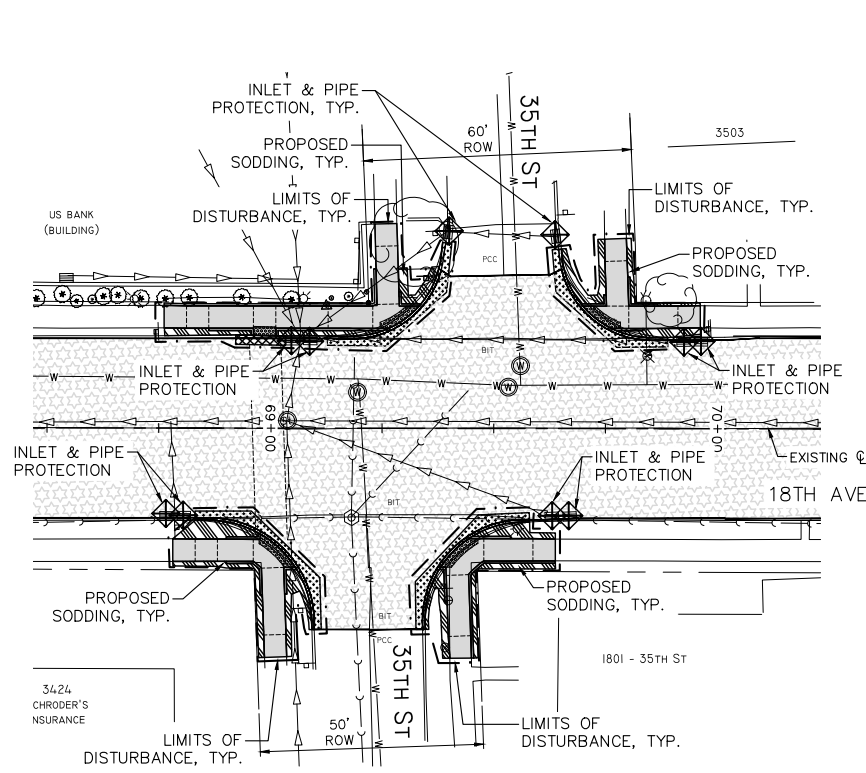
18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
EROSION AND SEDIMENT CONTROL
SIDE STREETS

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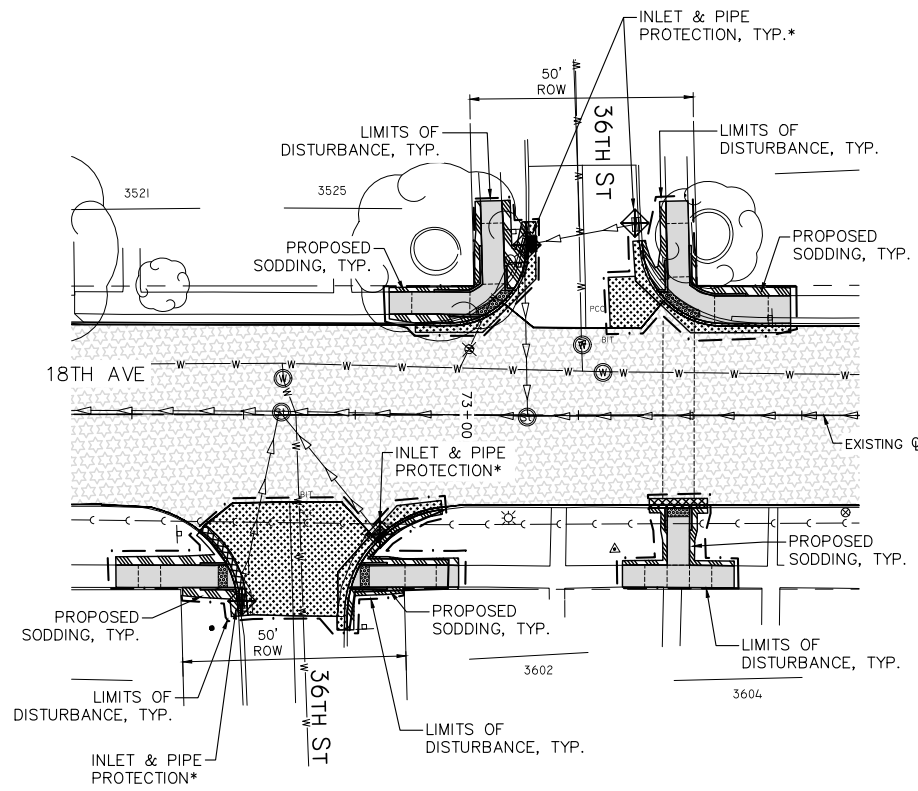
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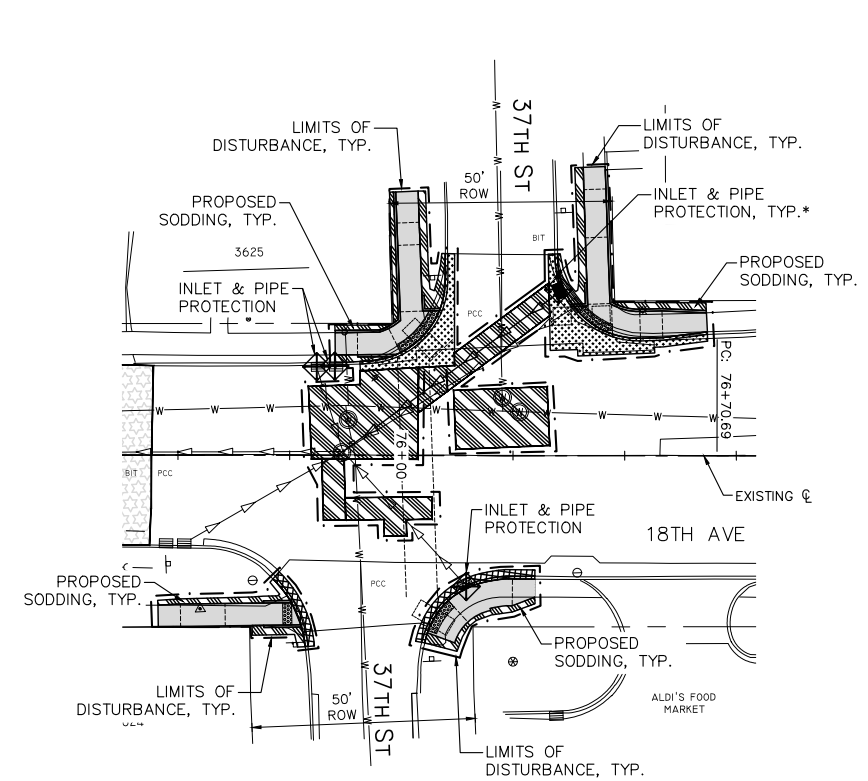
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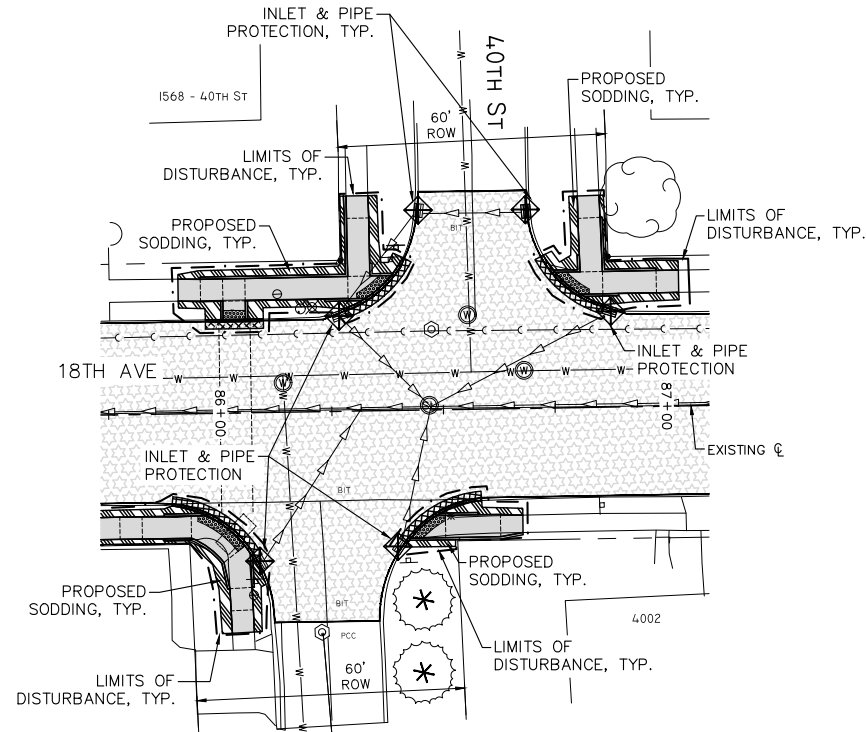
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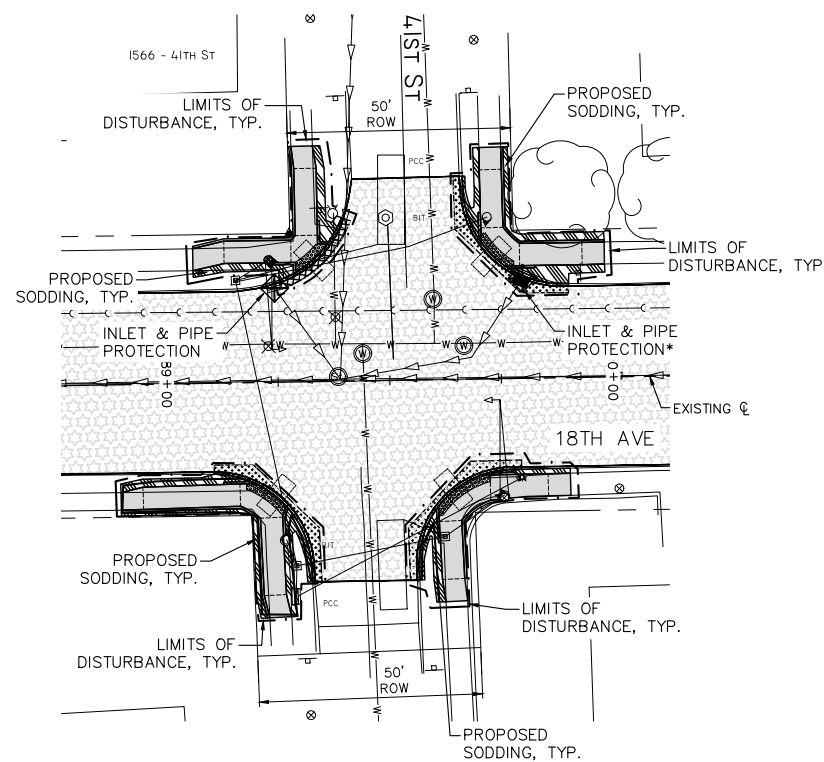
36TH ST & 18TH AVE INTERSECTION



37TH ST & 18TH AVE INTERSECTION



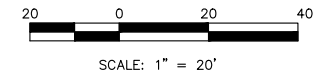
40TH ST & 18TH AVE INTERSECTION



41ST ST & 18TH AVE INTERSECTION

NOTES:

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2. * = AFTER PROPOSED INLET CONSTRUCTED, RELOCATE PROTECTION TO NEW INLET LOCATION. INCLUDE RELOCATION COST IN CONTRACT UNIT PRICE. NO SECOND PAYMENT FOR RELOCATIONS.



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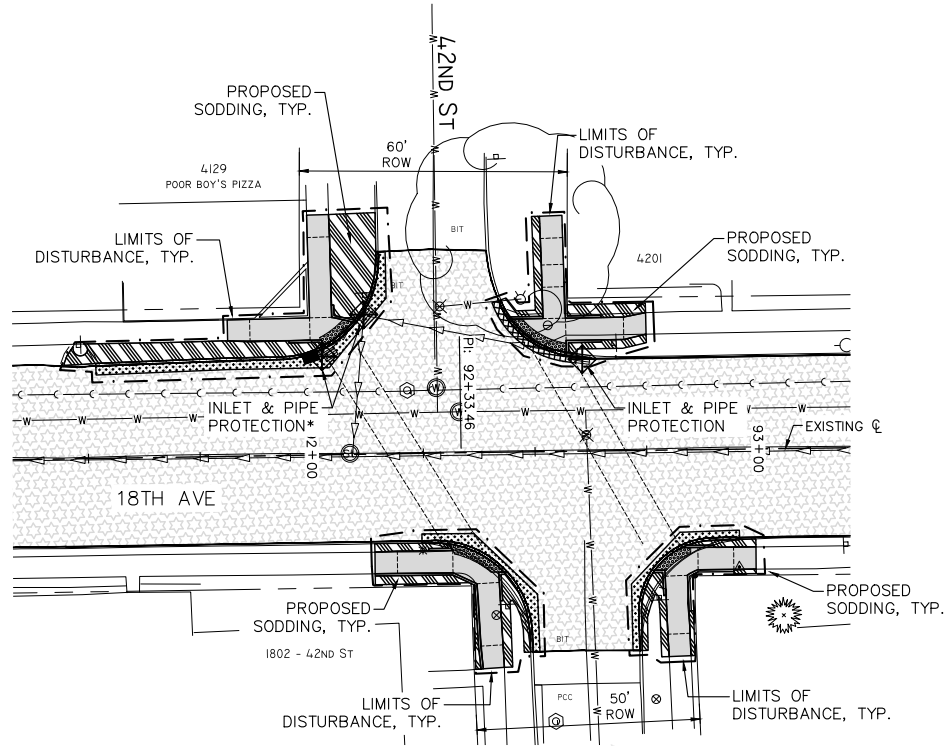
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ROCK ISLAND, ILLINOIS
EROSION AND SEDIMENT CONTROL
SIDE STREETS**

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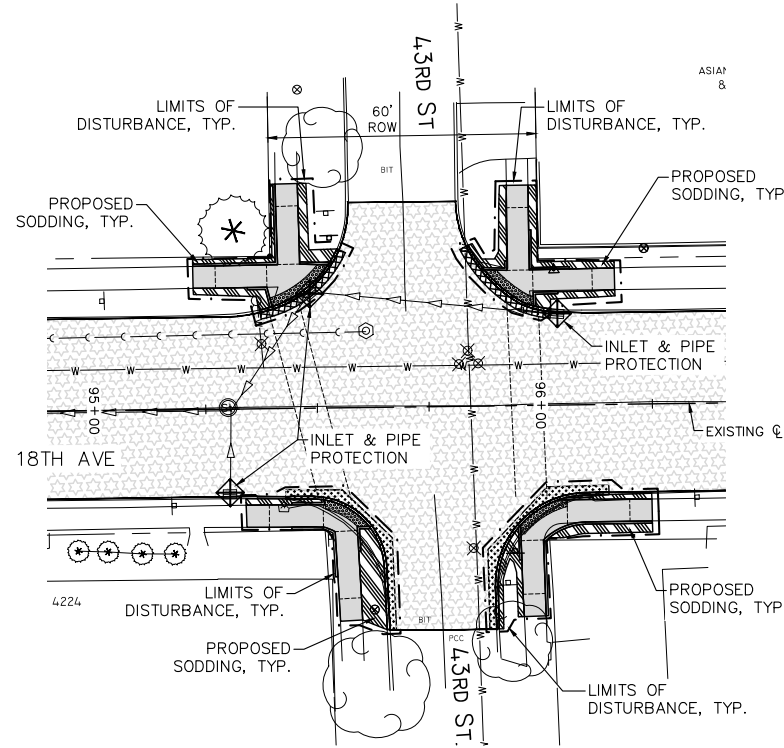
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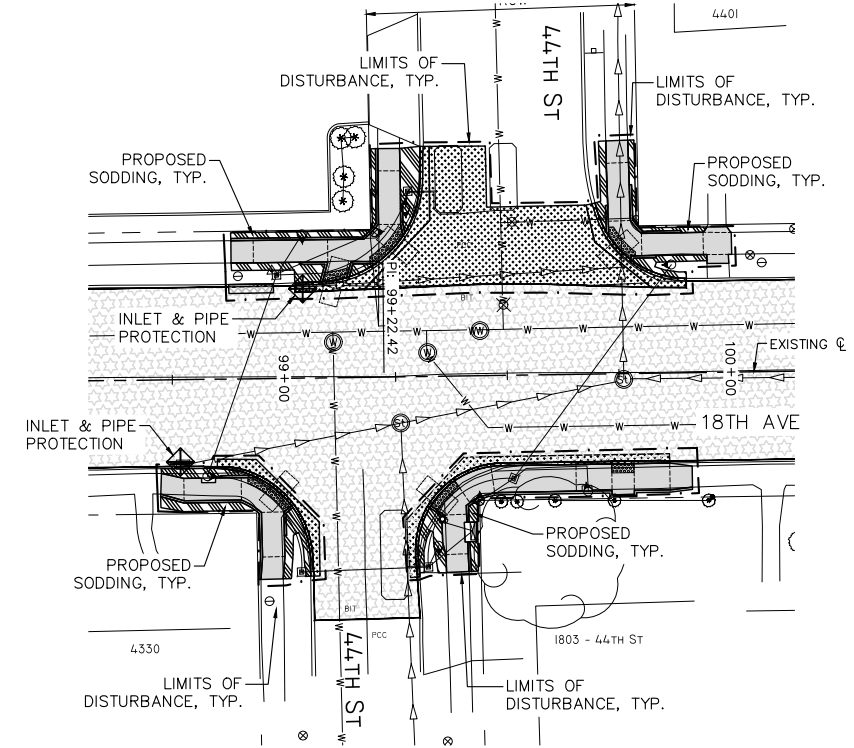
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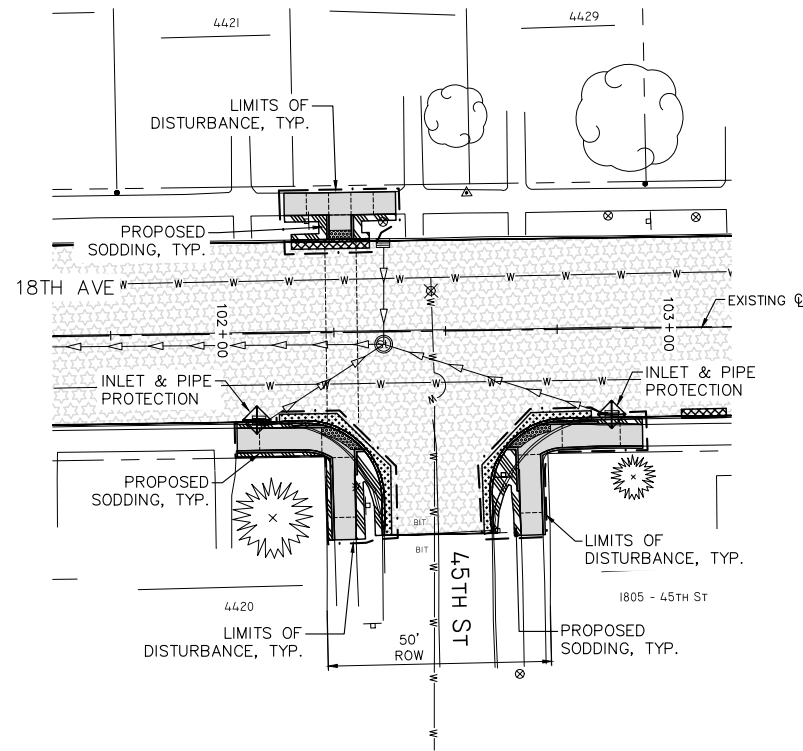
42ND ST & 18TH AVE INTERSECTION



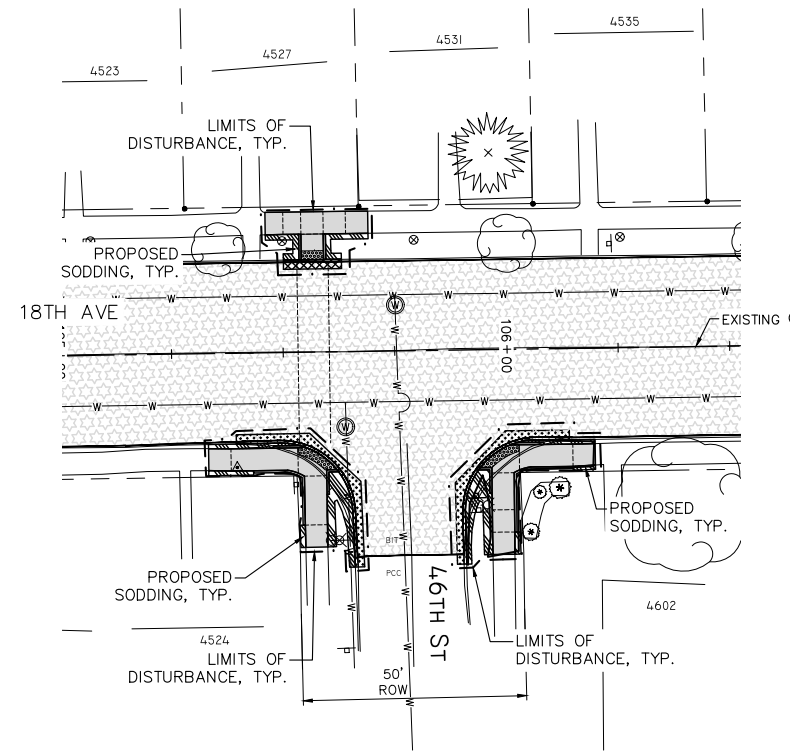
43RD ST & 18TH AVE INTERSECTION



44TH ST & 18TH AVE INTERSECTION



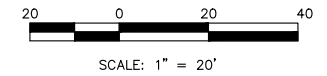
45TH ST & 18TH AVE INTERSECTION



46TH ST & 18TH AVE INTERSECTION

NOTES:

- SEE SHEET C-EC1 FOR GENERAL EROSION AND SEDIMENT CONTROL NOTES.
- * = AFTER PROPOSED INLET CONSTRUCTED, RELOCATE PROTECTION TO NEW INLET LOCATION. INCLUDE RELOCATION COST IN CONTRACT UNIT PRICE. NO SECOND PAYMENT FOR RELOCATIONS.



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18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
EROSION AND SEDIMENT CONTROL
SIDE STREETS

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Date: 2/5/2018
C-EC6
Sheet 144 of 158

<p>TRANSVERSE JOINTS</p> <p>CONTRACTION JOINT (TYPE C & TYPE S)</p> <p>SEE STANDARD NO. 115</p> <p>NOTE: FORMED JOINTS LESS THAN D/3 MUST BE SAWED TO REQUIRED DEPTH</p>	<p>HEADERS</p> <p>CONSTRUCTION JOINT OR EMERGENCY HEADER (TYPE D)</p> <p>NOTE: TO BE CONSTRUCTED AS A CONTRACTION JOINT WHEN CONSTRUCTION IS RESUMED</p>	<p>LONGITUDINAL JOINTS</p> <p>LONGITUDINAL CONTRACTION JOINT WITH DEFORMED BARS (TYPE L)</p>	<p>TRANSVERSE JOINTS, HEADERS, AND LONGITUDINAL JOINTS</p> <p>CITY OF ROCK ISLAND ENGINEERING DIVISION</p> <p>STANDARD NO. 102</p>
<p>CONTRACTION JOINT (TYPE C & TYPE S)</p> <p>NOTE: FORMED JOINTS LESS THAN D/3 MUST BE SAWED TO REQUIRED DEPTH</p>	<p>PERMANENT HEADER</p> <p>HEADER BOARD MUST BE CUT TO MATCH STREET CROSS-SECTION, & MAY BE LEFT IN PLACE</p>	<p>KEYED CONTRACTION JOINT (TYPE K) (FOR PAVEMENT >9")</p>	<p>TRANSVERSE JOINTS, HEADERS, AND LONGITUDINAL JOINTS</p> <p>CITY OF ROCK ISLAND ENGINEERING DIVISION</p> <p>STANDARD NO. 103</p>
<p>CONTRACTION JOINT (TYPE C & TYPE S)</p> <p>NOTE: FORMED JOINTS LESS THAN D/3 MUST BE SAWED TO REQUIRED DEPTH</p>	<p>DOWELED EXPANSION JOINT (TYPE ED)</p>	<p>LONGITUDINAL JOINT ABUTTING EXISTING PAVEMENT</p>	<p>TRANSVERSE JOINTS, HEADERS, AND LONGITUDINAL JOINTS</p> <p>CITY OF ROCK ISLAND ENGINEERING DIVISION</p> <p>STANDARD NO. 103</p>

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NOT TO SCALE

ROLL-OVER CURB

STANDARD CURB SECTION

NOT TO SCALE

METRIC STANDARD	DATE
BY	DATE
REVISION	DATE

S:\... \MISC\STANDARD\CR1_STD\103.DWG

WITH EXPANSION JOINT

WITH TRANSVERSE CONTRACTION JOINT

CURB JOINT -- AT INTERSECTION RETURN

CURB SECTION & CURB JOINT DETAILS

CITY OF ROCK ISLAND ENGINEERING DIVISION

STANDARD NO. 103

18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS

CITY OF ROCK ISLAND STANDARDS

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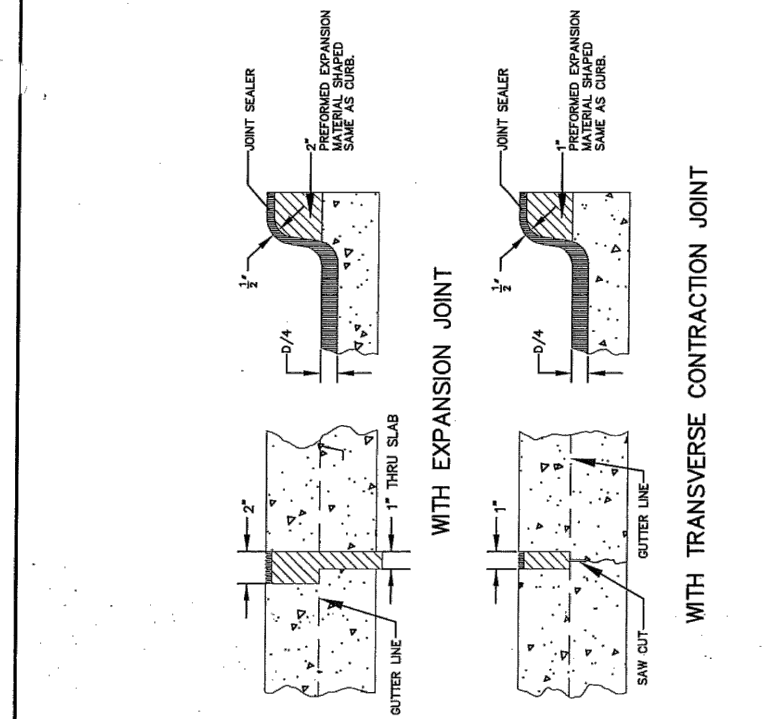
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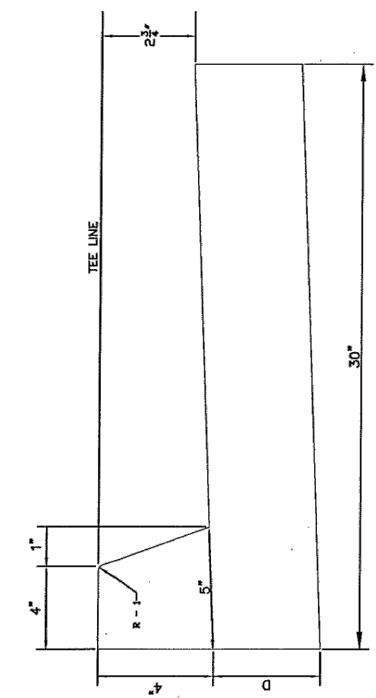
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No.	DESCRIPTION
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	DATE
	3.1.18



CURB JOINT - AT INTERSECTION RETURN

CURB SECTION & CURB JOINT DETAILS

CITY OF ROCK ISLAND ENGINEERING DIVISION STANDARD NO. 103A

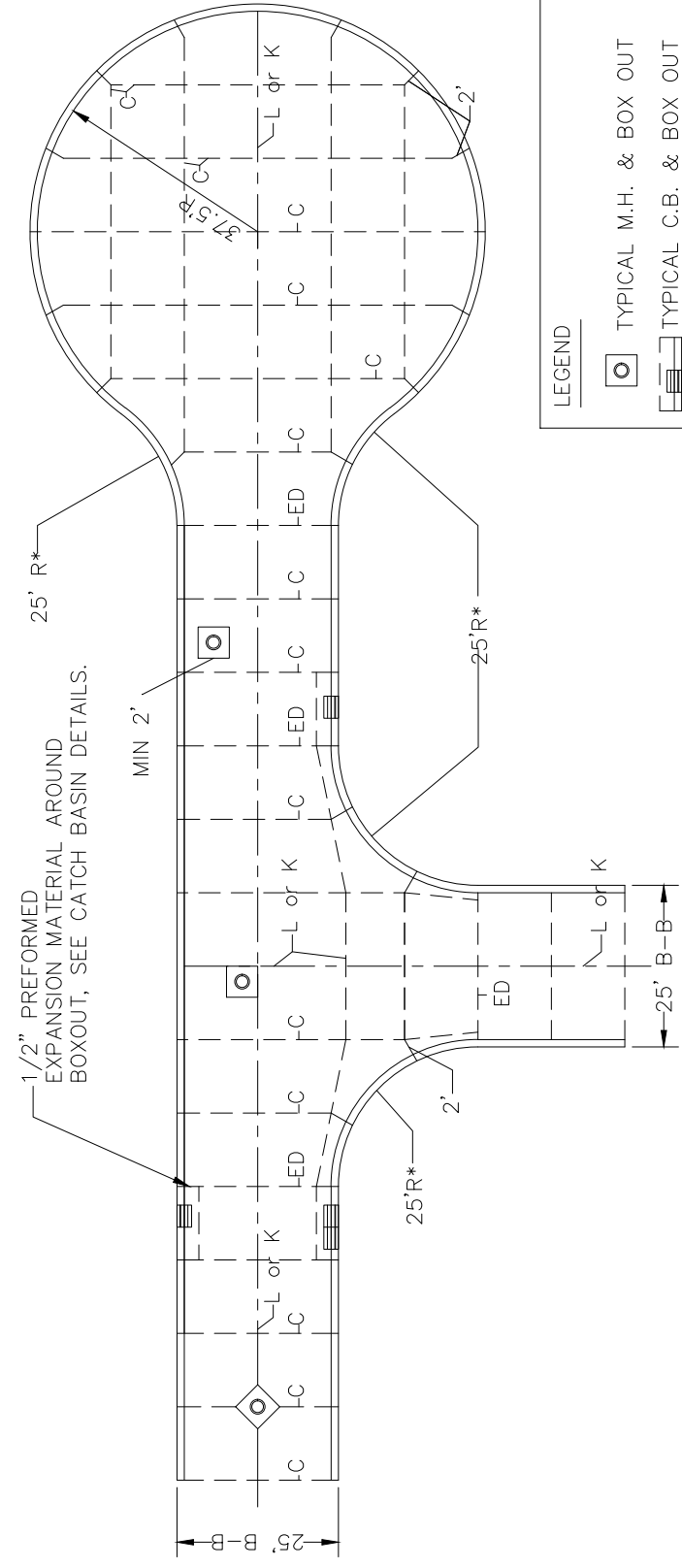


4" BARRIER CURB

NOT TO SCALE

STANDARD	DATE	BY
103A.DWG	01/08/04	

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LEGEND

- TYPICAL M.H. & BOX OUT
- ▤ TYPICAL C.B. & BOX OUT
- B-B BACK OF CURB TO BACK OF CURB
- C CONTRACTION JOINT
- L LONGITUDINAL CONTRACTION JOINT WITH DEFORMED BARS OR 3/4" EXPANSION ANCHOR TIES
- K KEYED CONSTRUCTION JOINT (PAVEMENT >9")
- ED EXPANSION JOINT

*NOTES:

1. NO MASONITE TO BE USED FOR FORMS
2. EXPANSION MATERIAL SHALL NOT BE USED AS FORMS

NOT TO SCALE

REVISION	BY	DATE
1	MDW	07/16/04
	MJH	05/04/01
	PJK	01/10/2001
	MDW	01/06/00
	PMCJ	8/2/99
	PMCJ	01/20/97

TYPICAL JOINT PATTERN FOR 25 FT. STREETS

CITY OF ROCK ISLAND ENGINEERING DIVISION STANDARD NO. 104

18TH AVE FUNCTIONAL MILL & OVERLAY

ROCK ISLAND, ILLINOIS

CITY OF ROCK ISLAND STANDARDS

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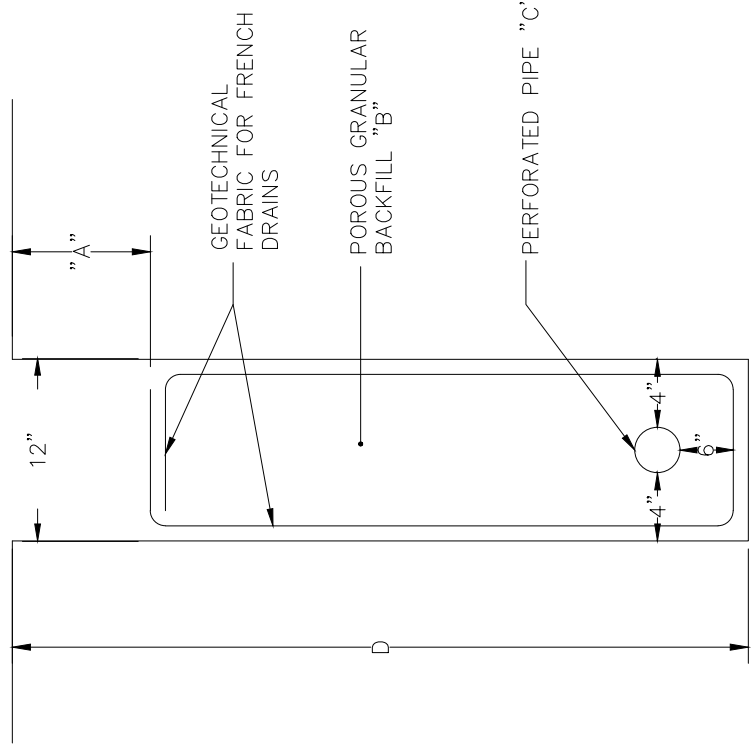
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	A	B	C	D
TOP SOIL				
GRANULAR SUB BASE				
FA-1 (sand)				
CA-13				
CA-7		X		
POLY (VINYL CHLORIDE) PIPE PVC				
CORRUGATED POLYETHYLENE TUBING (HEAVY DUTY) 4"			X	
TRENCH DEPTH				X

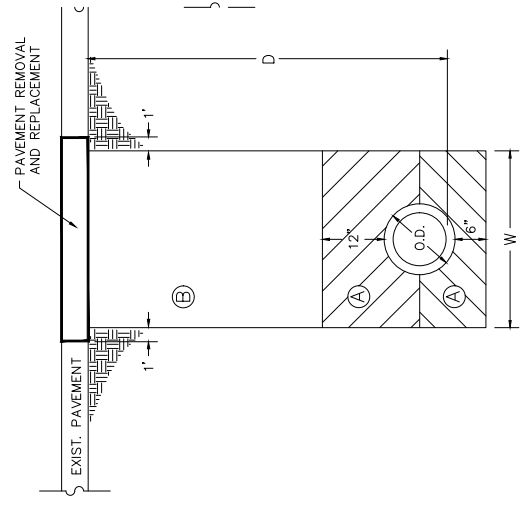
NOTES:
 NO OPEN JOINT PIPE WILL BE ALLOWED FOR PIPE UNDERDRAINS USED UNDER OR ALONG THE EDGE OF PAVEMENT OR SHOULDERS.
 CONTRACTOR MAY SUBSTITUTE A STRONGER PIPE OF THE SAME KIND OF MATERIAL FOR THE PIPE DESIGNATED FOR THIS PROJECT. NO EXTRA COMPENSATION WILL BE ALLOWED.
 REFERENCE: II. D.O.T. STRD. SPECS. SEC. 601

PIPE UNDERDRAIN
 CITY OF ROCK ISLAND ENGINEERING DIVISION
 STANDARD NO. 211

NOT TO SCALE

REVISION	BY	DATE
STANDARDIZED	PMCU	09/30/94
REVISION	BY	DATE
REVISION	MW	08/19/01
REVISION	WLC	07/18/01

TRENCH DETAIL FOR ALL EXCAVATIONS UNDER OR WITHIN TWO FEET OF A PROPOSED OR EXISTING PAVEMENT

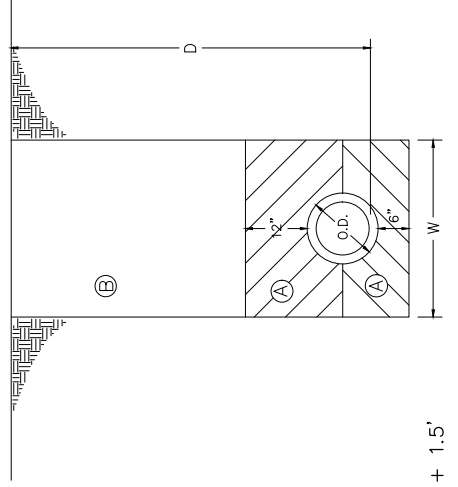


$D \leq 5'$, $W = O.D. + 1.5'$
 $D > 5'$, $W = O.D. + 3.0'$

AREA A CA-6 AGGREGATE COMPACTED IN 8" LIFTS, ACCORDING TO ART. 550.07
 AREA B TRENCH BACKFILL (INCIDENTAL) COMPACTED BY METHOD 1, 2 OR 3 ART. 550.07.

BEDDING, BACKFILLING AND COMPACTING AREA A AND AREA B SHALL BE INCIDENTAL TO THE SEWER CONSTRUCTION.

TRENCH DETAIL FOR EXCAVATIONS OUTSIDE PAVED AREAS



$D < 5'$, $W = O.D. + 1.5'$
 $D > 5'$, $W = O.D. + 3.0'$

AREA A CA-6 AGGREGATE COMPACTED IN 8" LIFTS, ACCORDING TO ART. 550.07
 AREA B EXCAVATED MATERIAL COMPACTED BY METHOD 1, 2 OR 3 ART. 550.07.

BEDDING, BACKFILLING, AND COMPACTING AREAS A AND B SHALL BE INCIDENTAL TO THE SEWER CONSTRUCTION.

TRENCH DETAILS FOR STORM AND SANITARY SEWER INSTALLATION
 CITY OF ROCK ISLAND ENGINEERING DIVISION
 STANDARD NO. 212
 MODIFIED

STANDARDIZED	BY	DATE
STANDARDIZED	CWE	06/28/91
REVISION	BY	DATE
REVISION	MW	08/11/94

**18TH AVE FUNCTIONAL MILL & OVERLAY
 ROCK ISLAND, ILLINOIS
 CITY OF ROCK ISLAND STANDARDS**

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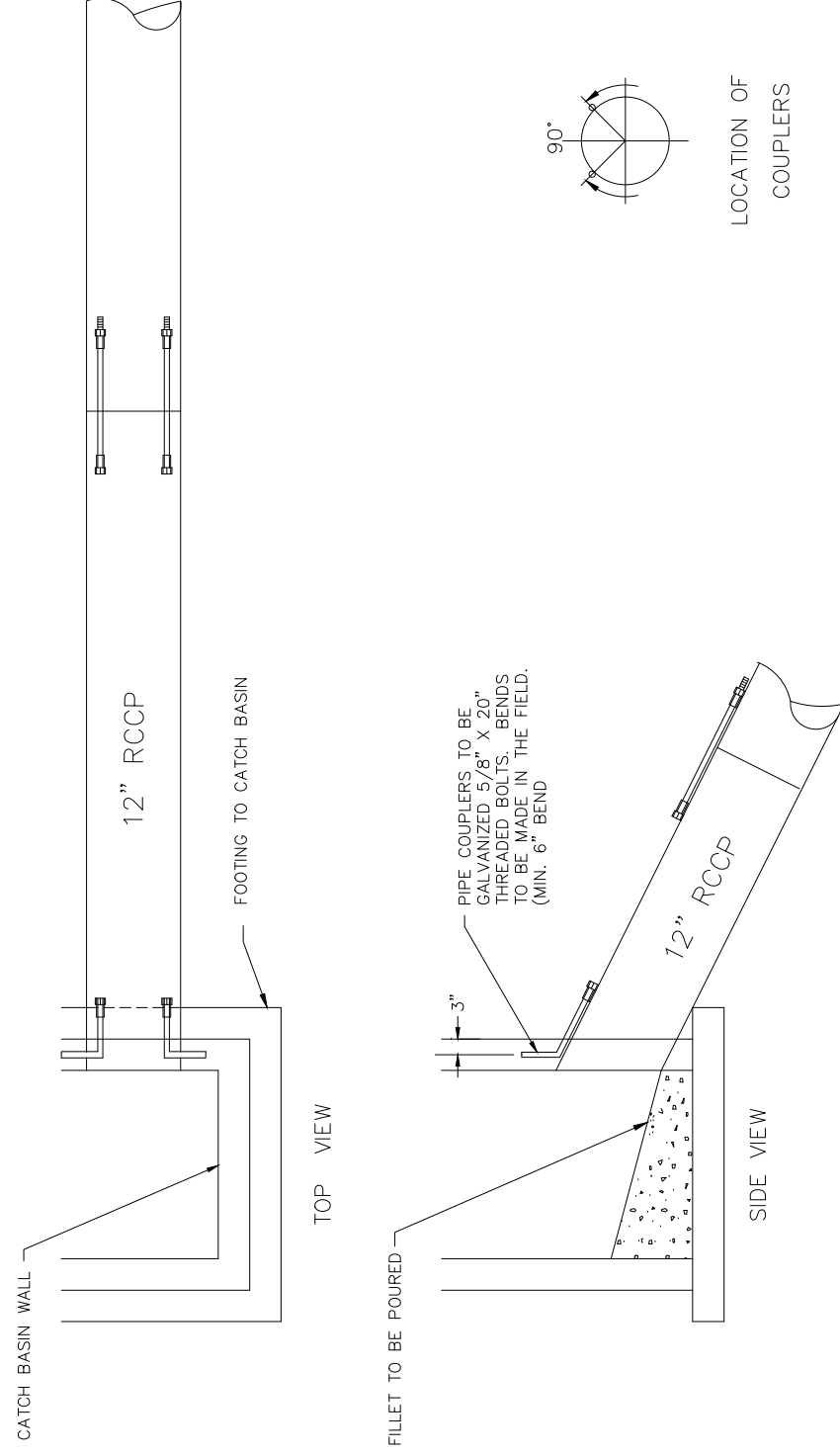
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STORM SEWER PIPE COUPLER DETAIL

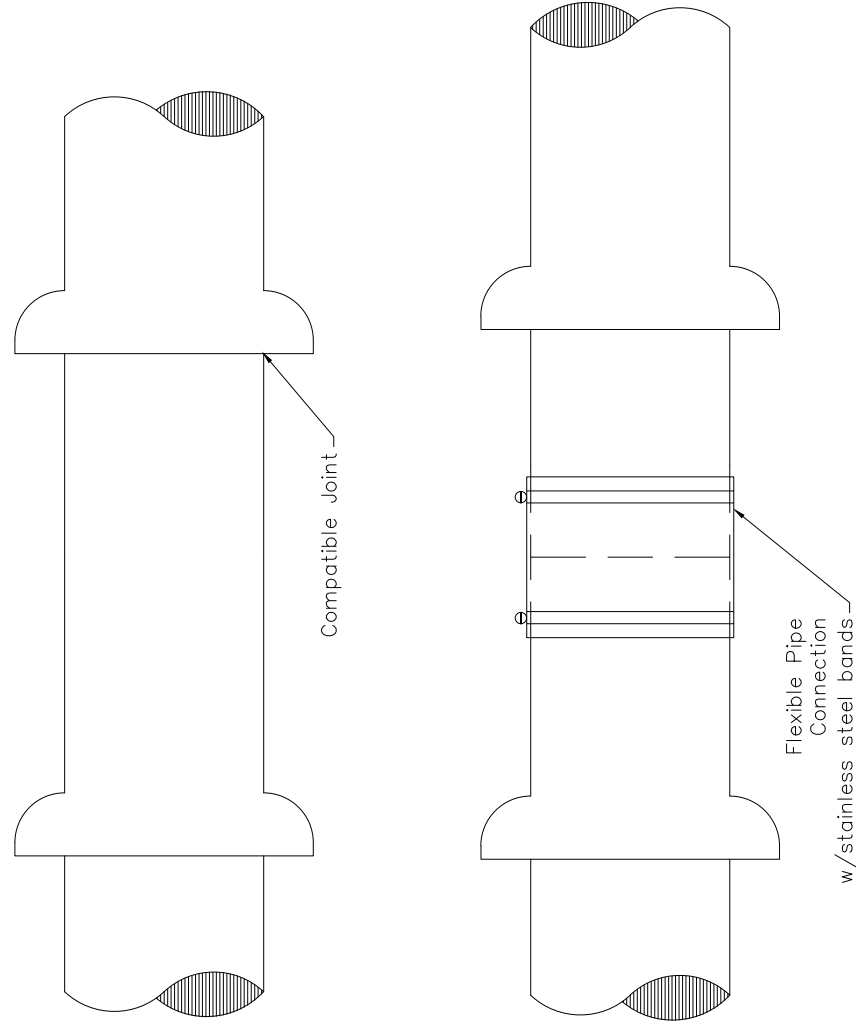


Couplers shall be used on any pipe with a grade equal to or greater than 10%.

STAND216.DWG	LEP	06/06/08
STAND216.DWG	WLC	06/04/03
STAND216.DWG	MDW	06/04/03

CITY OF ROCK ISLAND
ENGINEERING DIVISION

STANDARD NO. 216



NOTES:

1. All connections to new or existing sanitary or storm sewer pipes shall be made using compatible joints. This requires the pipes to be of same material with the same joint configuration.
2. If joints or material are not compatible, a flexible pipe connector shall be used. This flexible connector shall be applied using stainless steel bands at each end.

STAND217.DWG	WLC	12/15/03
REVISION	BY	DATE

SEWER PIPE CONNECTIONS

CITY OF ROCK ISLAND
ENGINEERING DIVISION

STANDARD NO. 217

MODIFIED

18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS

CITY OF ROCK ISLAND STANDARDS

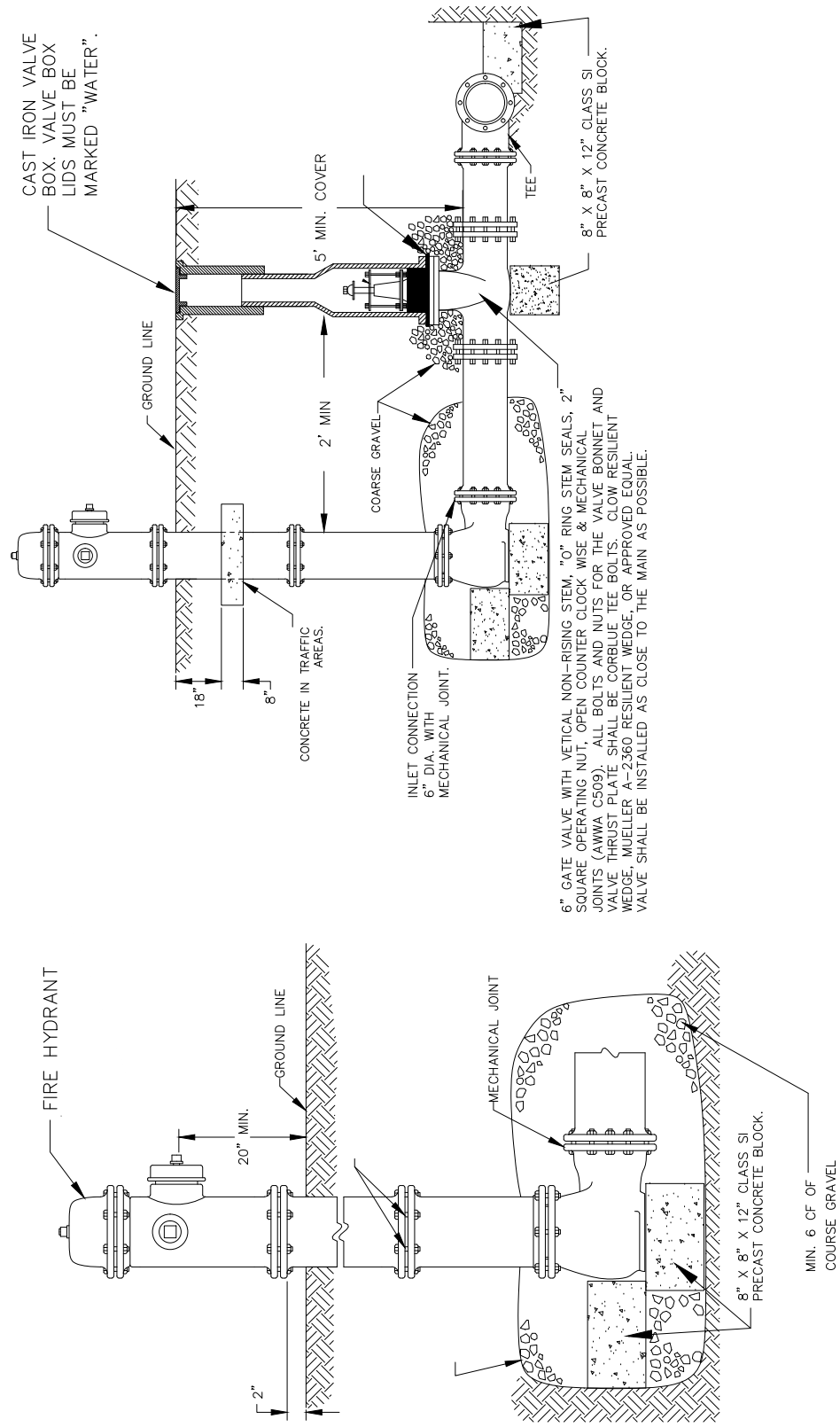
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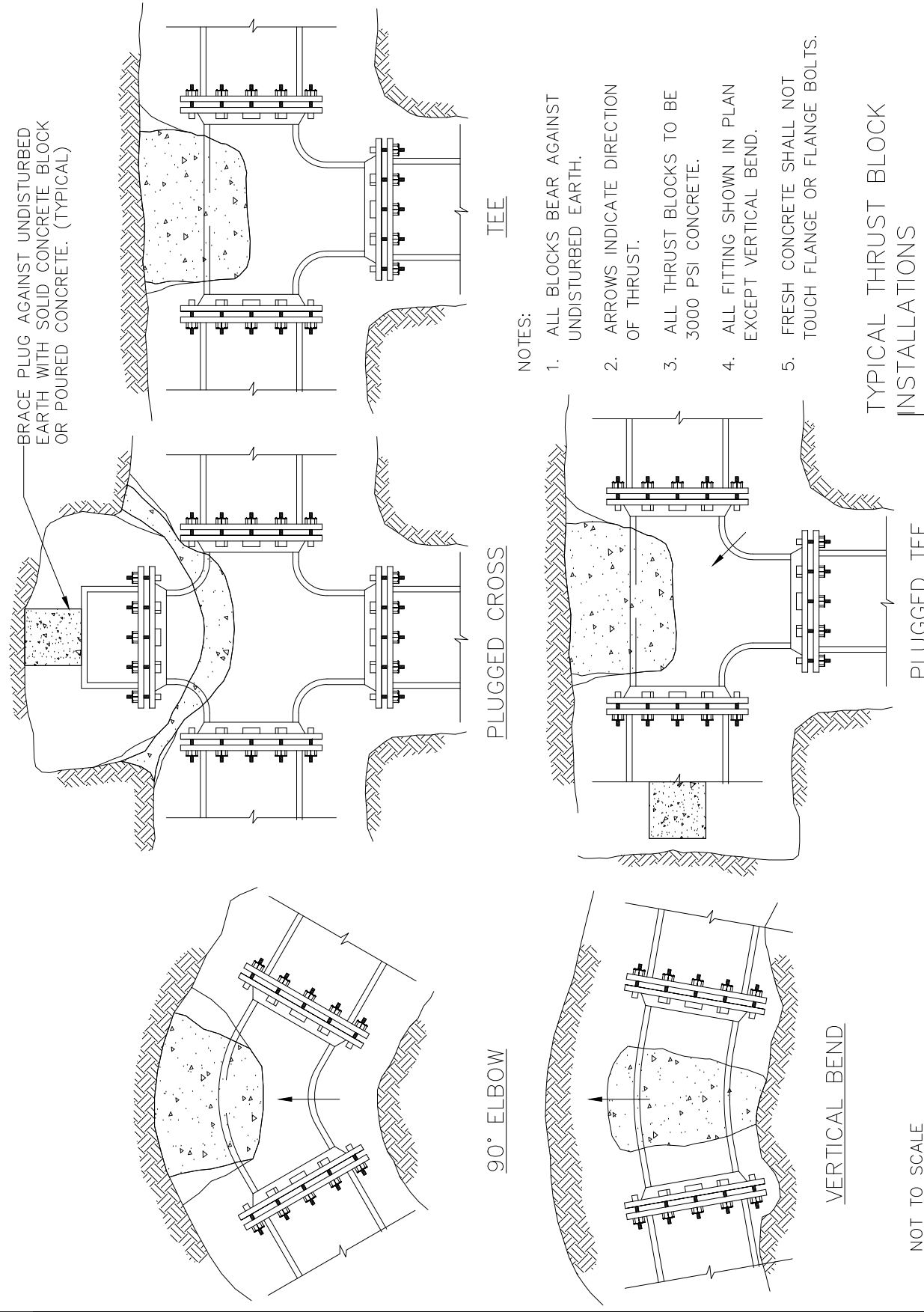
REVISED	MDW	10/26/10
REVISED	MDW	07/15/05
REVISED	WLC	04/12/05
REVISED	CAM	04/03/02
REVISED	PJK	03/25/02
REVISED	MDW	01/06/00
REV. HYD. MODEL STD.	PMCJ	06/25/99
METRIC	PMCJ	01/27/97
REVISED	MDW	08/22/94
STAND301.DWG	MDW	03/91
REVISION	BY	DATE

FIRE HYDRANT DETAIL

CITY OF ROCK ISLAND
ENGINEERING DIVISION
STANDARD NO. 301

MODIFIED

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NOT TO SCALE

STANDARDIZED	PMCJ	10/03/94
REVISION	BY	DATE

CITY OF ROCK ISLAND
ENGINEERING DIVISION
STANDARD NO. 302

18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
CITY OF ROCK ISLAND STANDARDS

Missman Project No:
A15M006A
File Name:
A15M006A-DETAILS.dwg
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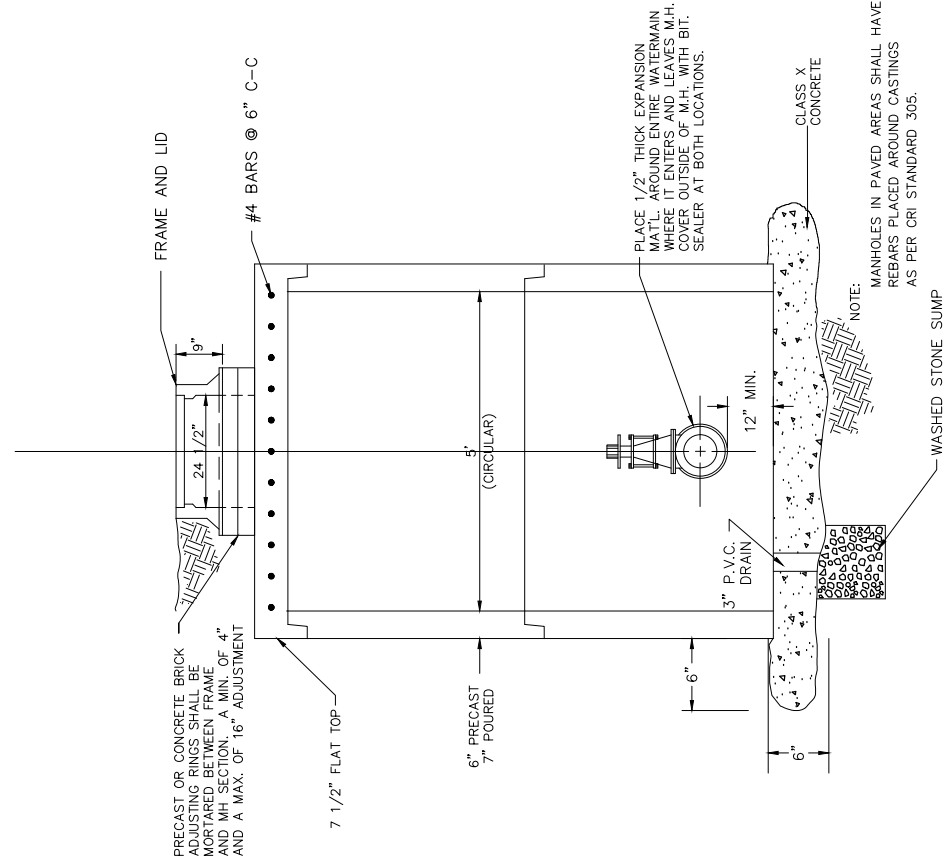
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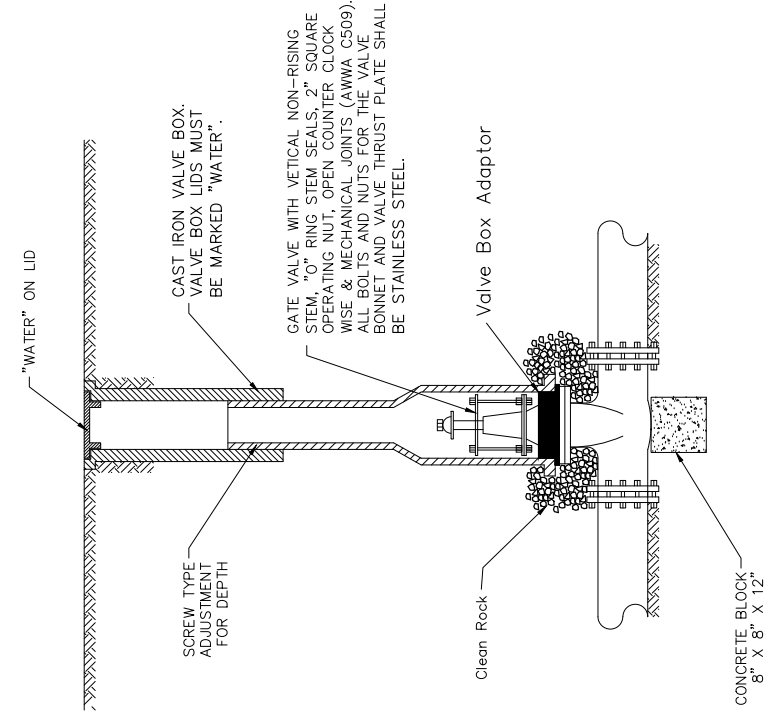
No.	DESCRIPTION	DATE
1	REVISED PER 2.8.18 IDOT REVIEW	3.1.18

VALVE VAULT



REVISED	MDW	10/26/10
REVISED	WLC	04/12/05
REVISED	CAM	04/03/02
REVISED	RJK	03/25/02
REVISED	TAB	03/14/00
STAND.304.DWG	MDW	03/12/93

VALVE BOX

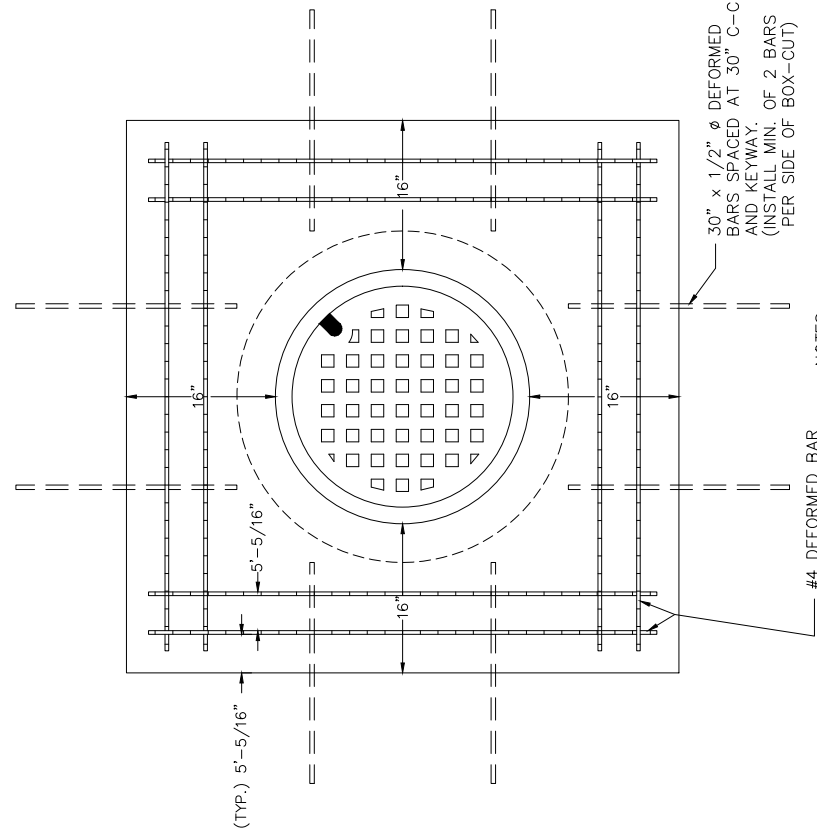


STANDARD VALVE VAULT & STANDARD VALVE BOX

CITY OF ROCK ISLAND
ENGINEERING DIVISION

STANDARD NO. 304
MODIFIED

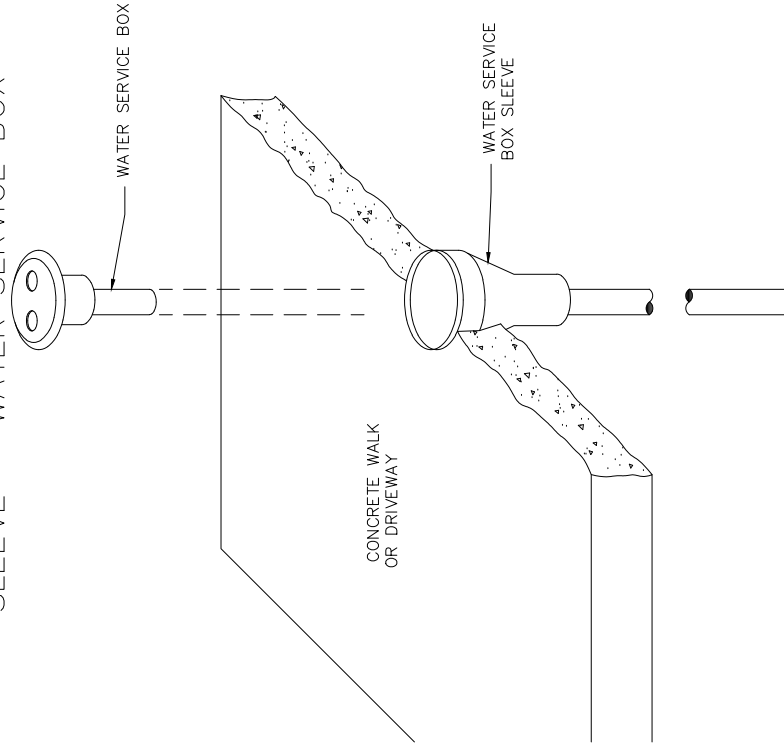
MANHOLE BOX-OUT



- NOTES:
- #1 REBARS TO BE PLACED WHETHER BOX-OUT IS USED OR NOT.
 - #2 MINIMUM OF 2" CLEARANCE BETWEEN BOX-OUT AND END OF REBARS.

REVISED	TAB	03/14/2000
STAND.305.DWG	CWE	06/24/91
REVISION	BY	DATE

SLEEVE - WATER SERVICE BOX



MANHOLE BOX-OUT & WATER SERVICE BOX SLEEVE

CITY OF ROCK ISLAND
ENGINEERING DIVISION

STANDARD NO. 305

18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
CITY OF ROCK ISLAND STANDARDS

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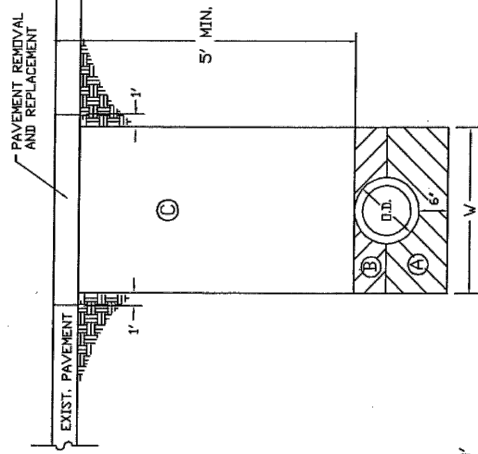
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No.	DESCRIPTION	DATE
1	REVISED PER 2.8.18 IDOT REVIEW	3.1.18

TRENCH DETAIL FOR ALL EXCAVATIONS UNDER OR WITHIN TWO FEET OF A PROPOSED OR EXISTING PAVEMENT

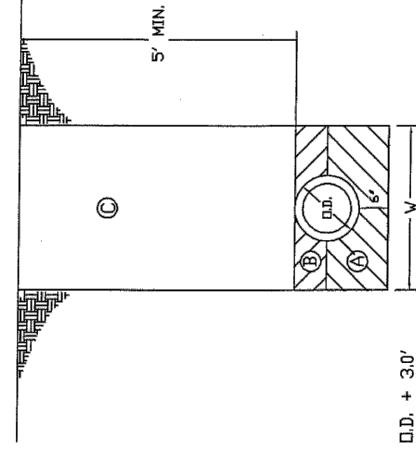


W = D.D. + 3.0'

- AREA (A) FA-1 OR FA-2 BEDDING COMPACTED IN 8' LIFTS ACCORDING TO ART. 550.07
 - AREA (B) TRENCH BACKFILL (INCIDENTAL) COMPACTED IN 8' LIFTS ACCORDING TO ART. 550.07
 - AREA (C) TRENCH BACKFILL (INCIDENTAL) COMPACTED BY METHOD 1, 2, OR 3 ART. 550.07.
- BEDDING, BACKFILLING AND COMPACTING IN AREAS A, B, AND C ARE INCIDENTAL TO THE WATERMAIN CONSTRUCTION.

REVISION	NO.	DATE
STANDARDIZED	08/22/94	08/22/94
BY	ME	ME
DATE		

TRENCH DETAIL FOR EXCAVATIONS OUTSIDE PAVED AREAS



W = D.D. + 3.0'

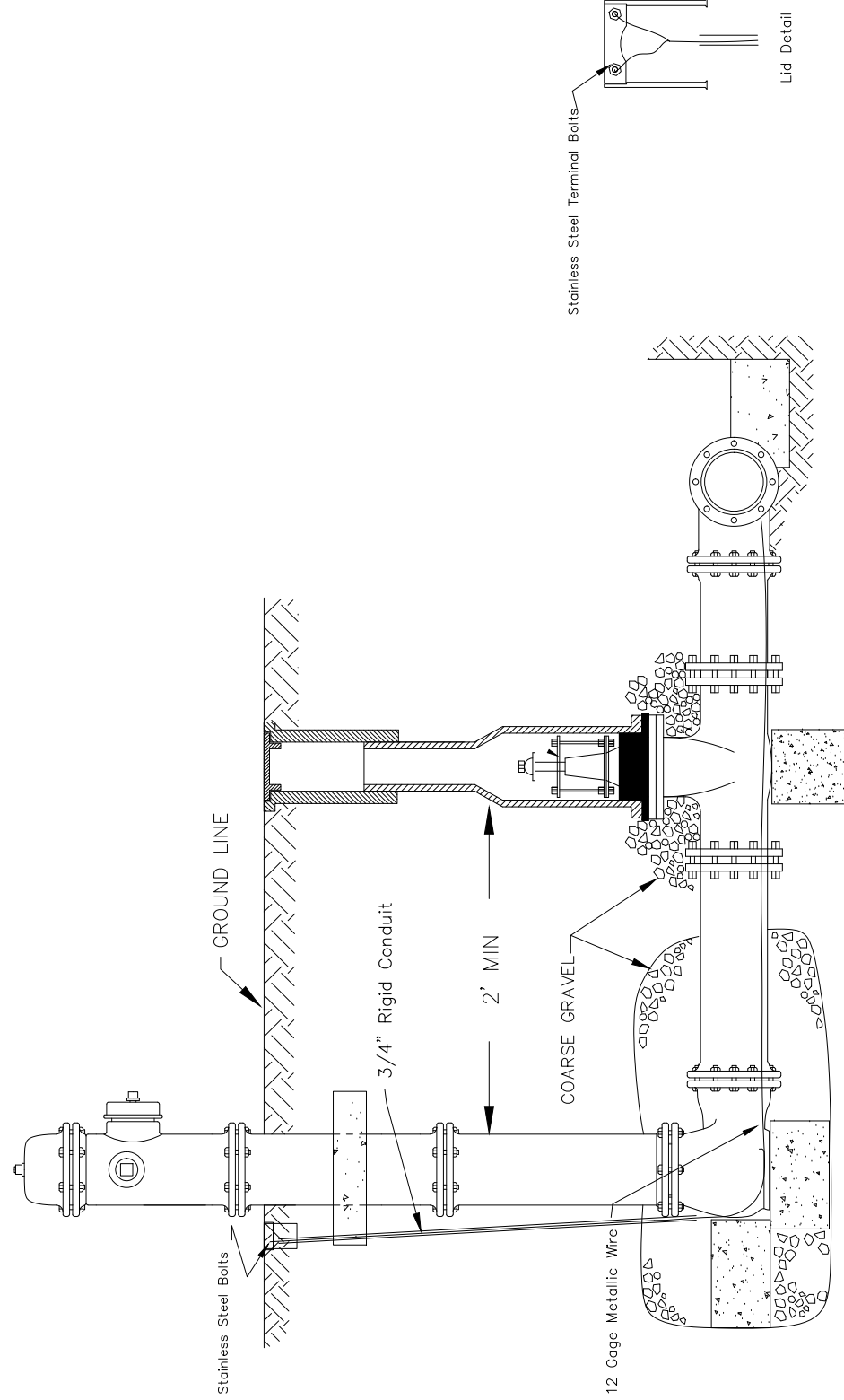
- AREA (A) FA-1 OR FA-2 BEDDING COMPACTED IN 8' LIFTS ACCORDING TO ART. 550.07
 - AREA (B) SELECT MATERIAL - NATIVE SOIL EXCAVATED FROM THE TRENCH, FREE OF ROCKS, FOREIGN MATERIALS, AND FROZEN EARTH. COMPACTED IN 8' LIFTS ACCORDING TO ART. 550.07
 - AREA (C) EXCAVATED MATERIAL FREE OF ROCKS LARGER THAN 8' IN GREATEST DIMENSION COMPACTED BY METHOD 1, 2, OR 3 ART. 550.07
- BEDDING, BACKFILLING AND COMPACTING AREAS A, B, AND C ARE INCIDENTAL TO THE WATERMAIN CONSTRUCTION.

TRENCH DETAILS FOR WATERMAIN INSTALLATION

CITY OF ROCK ISLAND
ENGINEERING DIVISION

STANDARD NO. 308

MODIFIED



NOT TO SCALE

STAND308.DWG	JCP	03/05/10
STAND308.DWG	CAM	04/03/02
REVISION	BY	DATE

Watermain Tracer Wire Detail
CITY OF ROCK ISLAND
ENGINEERING DIVISION

STANDARD NO. 308

18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS

CITY OF ROCK ISLAND STANDARDS

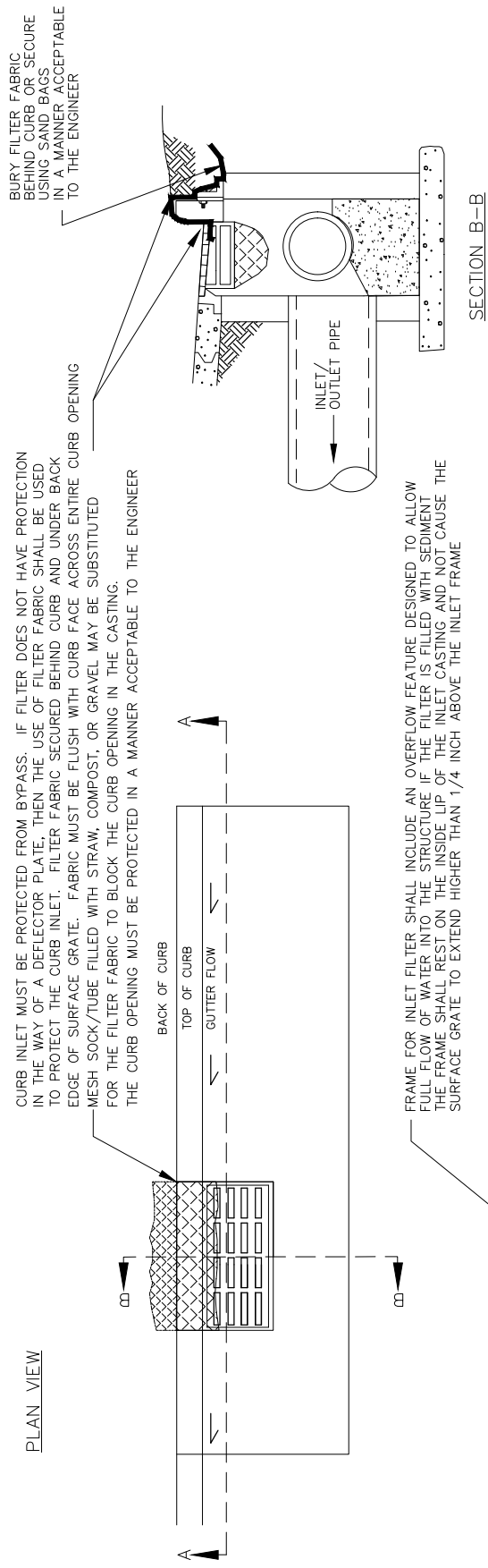
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FRAME FOR INLET FILTER SHALL INCLUDE AN OVERFLOW FEATURE DESIGNED TO ALLOW FULL FLOW OF WATER INTO THE STRUCTURE IF THE FILTER IS FILLED WITH SEDIMENT. THE FRAME SHALL REST ON THE INSIDE LIP OF THE INLET CASTING AND NOT CAUSE THE SURFACE GRATE TO EXTEND HIGHER THAN 1/4" ABOVE THE INLET FRAME.

FILTER FABRIC OR STEEL SCREEN SHALL BE SECURED TO DROP IN FRAME. FILTER FABRIC OR STEEL SCREEN SHALL HAVE A MINIMUM FLOW RATE OF 120 GALLONS PER MINUTE PER SQUARE FOOT AND BE DESIGNED FOR A MINIMUM SILT AND DEBRIS HOLDING CAPACITY OF 2 CUBIC FEET.

SECTION A-A

CONTRACTOR SHALL CLEAN AND MAINTAIN INLET FILTER AS REQUIRED.

INLET FILTER FOR INLET AND PIPE PROTECTION

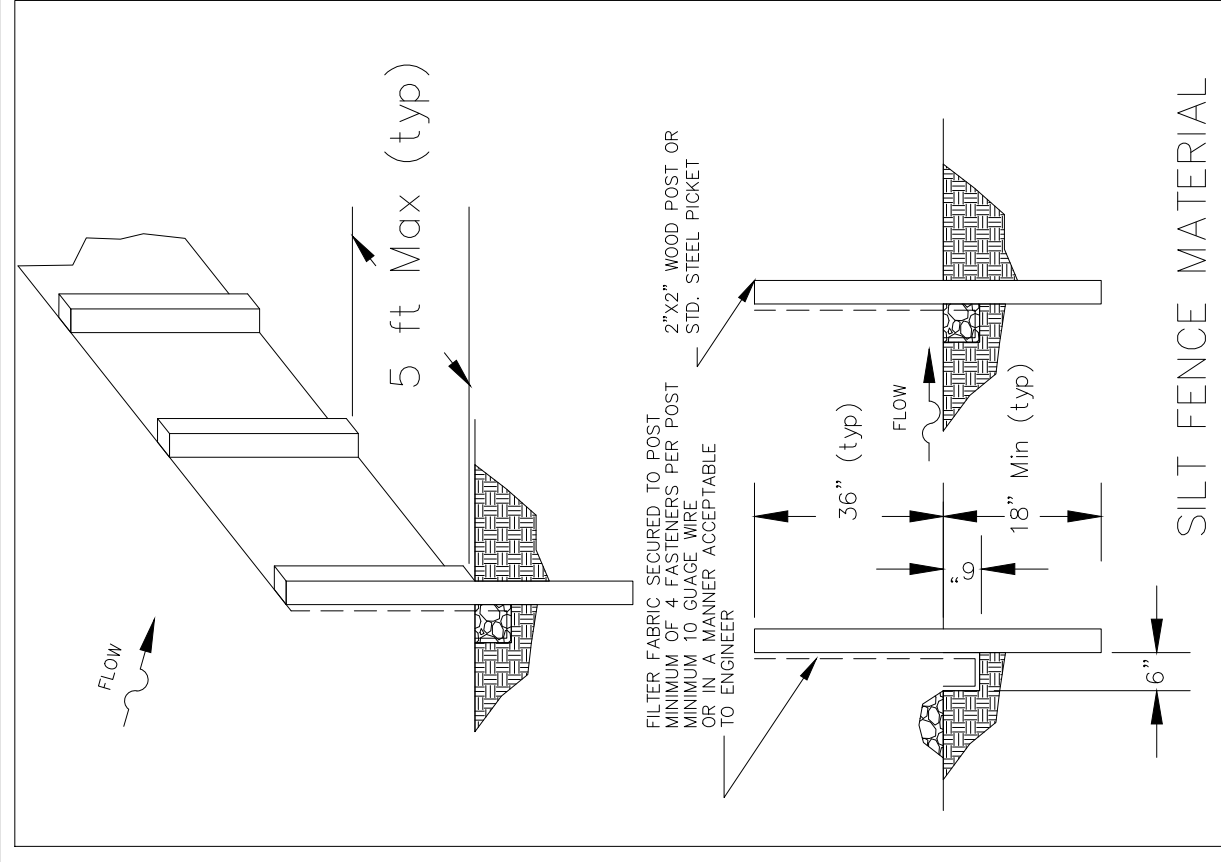
REVISION	BY	DATE
RAH		3/02/10
NEW	RAH	3/29/07

NOT TO SCALE

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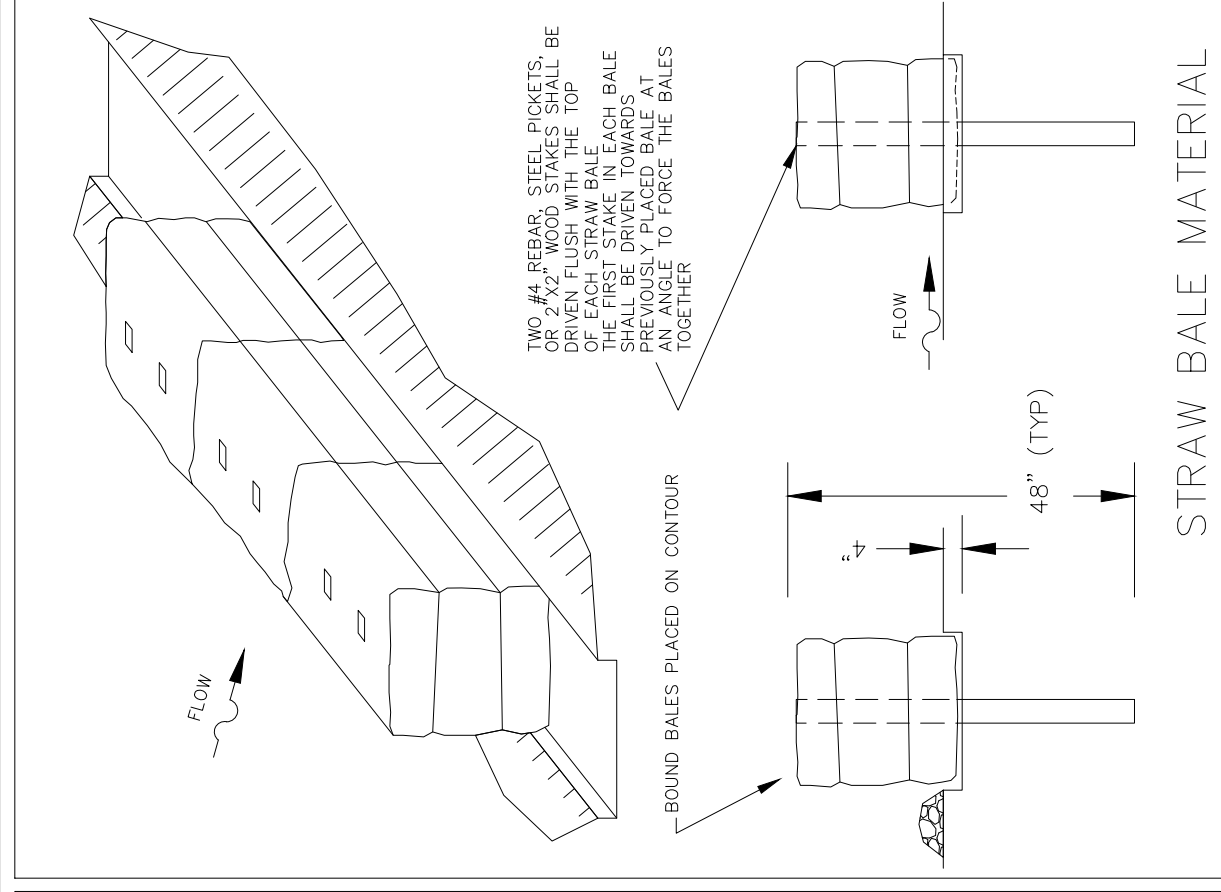
STANDARD NO. 402

MODIFIED



REVISION	BY	DATE
RAH		3/29/07

NOT TO SCALE



CITY OF ROCK ISLAND ENGINEERING DIVISION

STANDARD NO. 403

PERIMETER EROSION BARRIER

**18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS**

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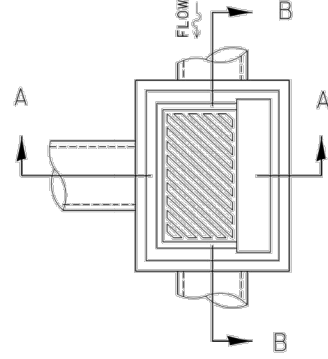
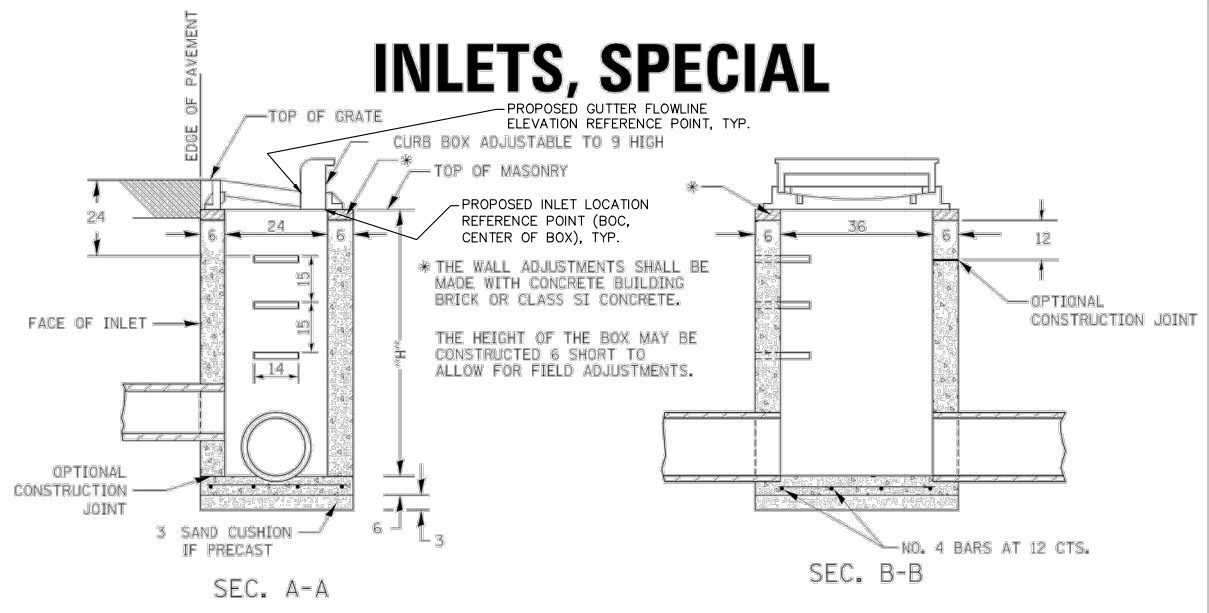
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INLETS, SPECIAL



NOTES

SEE STANDARD 602701 FOR DETAILS OF STEPS.

EXCEPT AS NOTED HEREON INLET SPECIAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.

ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR.

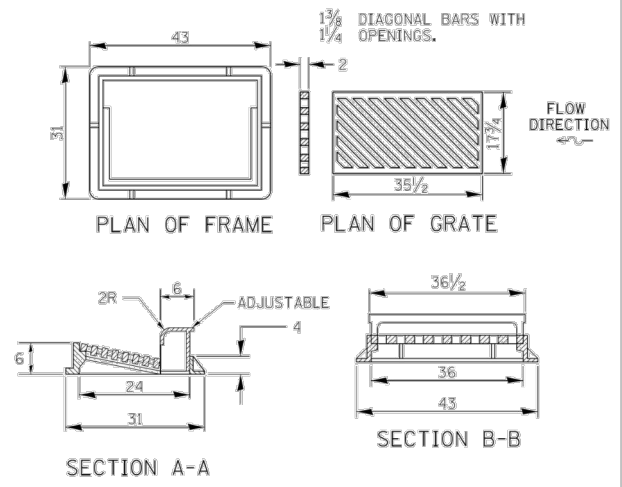
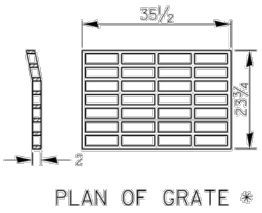
WEIGHT OF CAST IRON FRAME & GRATE = 530 lbs. ± . STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 5 FT.

DETAIL OF FRAME & GRATE

NOTES

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH SECTION 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 4,000 psi AFTER 28 DAYS.

THE CONTRACT UNIT PRICE EACH FOR INLETS, SPECIAL SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE FRAME AND GRATE, THE CAST IRON STEPS (IF USED), THE PRECAST FLOOR SLABS, SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.



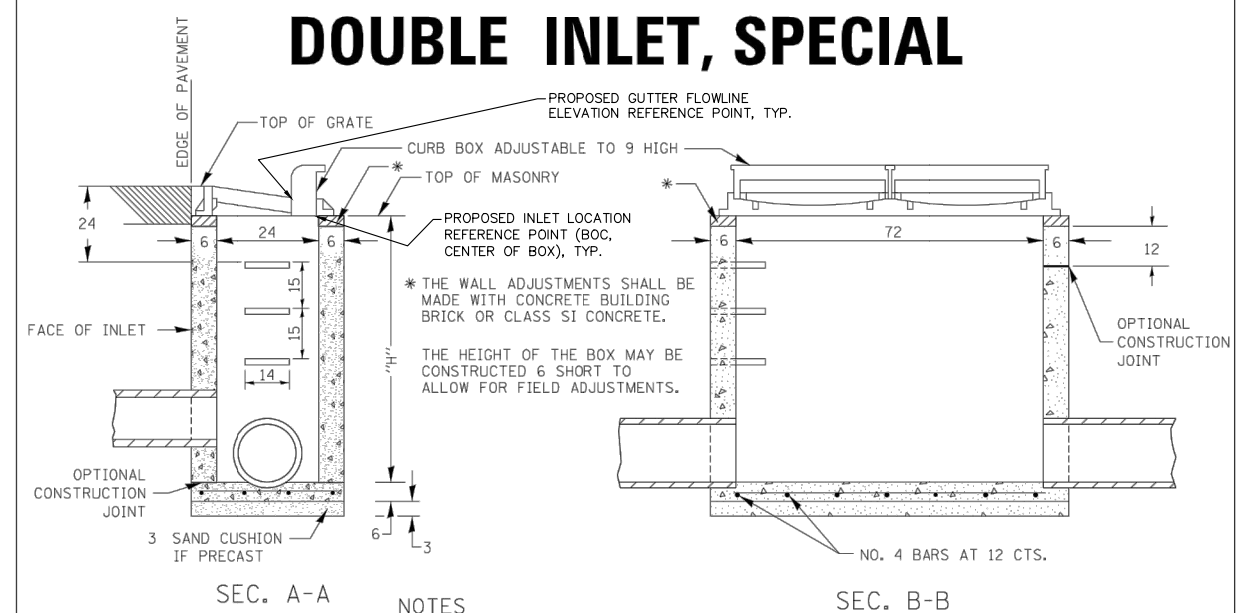
* THIS GRATE TO BE USED WITHOUT CURB BOX WHEN INLET IS IN DRIVEWAY.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 6-27-14	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 10-13-11	REGION 2 / DISTRICT 2 STANDARD			
REVISED -	CONTRACT NO.			
REVISED -	SCALE: 1:2000 1/4" = 1'-0" SHEET NO. OF SHEETS STA. TO STA.			

INLETS, SPECIAL 10.2

DOUBLE INLET, SPECIAL



NOTES

SEE STANDARD 602701 FOR DETAILS OF STEPS.

EXCEPT AS NOTED HEREON DOUBLE INLET SPECIAL SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 602 OF THE STANDARD SPECIFICATIONS.

THE SIDE WALLS MAY BE BUILT AS PRECAST SEGMENTED SECTIONS.

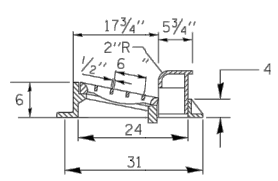
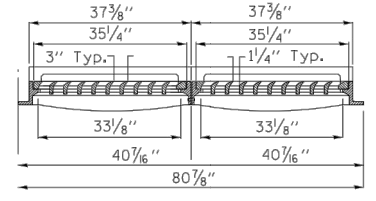
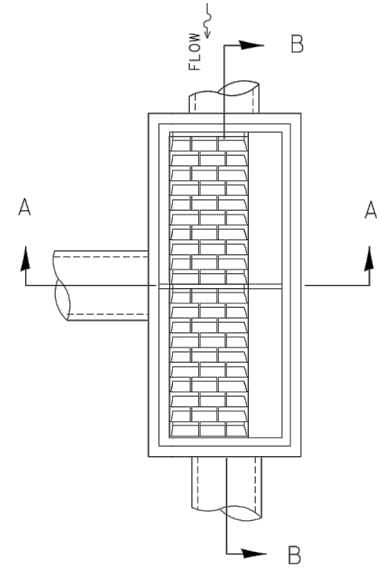
ALL VOIDS AROUND PIPE ENTRANCE, BOTH INSIDE AND OUTSIDE, SHALL BE SEALED WITH MORTAR. R-3295-2 DOUBLE UNIT OR EQUIVALENT.

STEPS SHALL BE OMITTED WHEN DEPTH OF "H" IS LESS THAN 5 FOOT.

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. PRECAST CONCRETE SHALL BE IN ACCORDANCE WITH ARTICLES 504.01 THRU 504.05 OF THE STANDARD SPECIFICATIONS EXCEPT THAT CONCRETE STRENGTH SHALL BE 4,000 psi AFTER 28 DAYS.

CLASS SI CONCRETE OR PRECAST CONCRETE SHALL BE USED THROUGHOUT. THE CONTRACT UNIT PRICE EACH FOR INLET SPECIAL SHALL INCLUDE THE COST OF CONSTRUCTING THE INLET BOX, FURNISHING AND INSTALLING THE FRAME AND GRATE, THE STEPS (IF USED), THE PRECAST FLOOR SLABS, SAND CUSHION (WHEN USED) AND REINFORCEMENT BARS.

DETAIL OF FRAME & GRATE



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 1-05-16	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 7-16-15	REGION 2 / DISTRICT 2 STANDARD			
REVISED - 10-13-11	CONTRACT NO.			
REVISED -	SCALE: 1:2000 1/4" = 1'-0" SHEET NO. OF SHEETS STA. TO STA.			

DOUBLE INLET, SPECIAL 12.2

REVISIONS	DESCRIPTION	DATE
No. 1	REVISED PER 2.8.18 IDOT REVIEW	3.1.18

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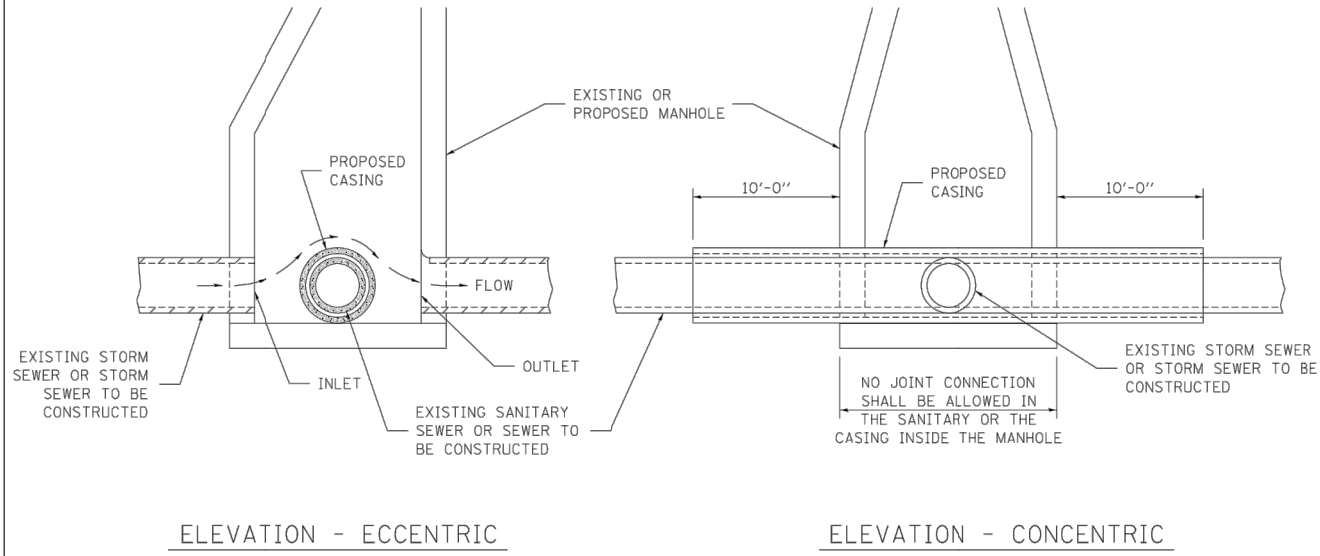
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ROCK ISLAND, ILLINOIS
IDOT DISTRICT 2 STANDARDS

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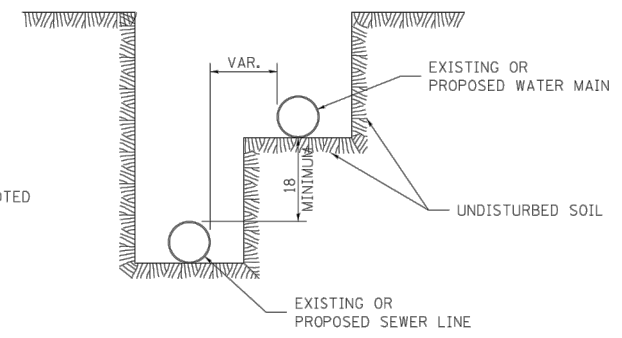
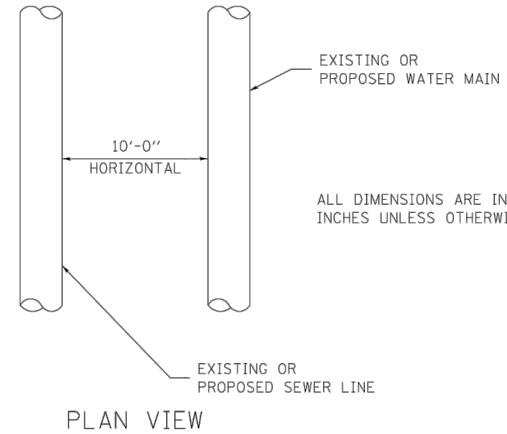
SEWER AND WATER MAIN CROSSINGS



THIS DETAIL IS FOR UNKNOWN UTILITIES UNLESS QUANTITIES ARE INCLUDED IN THE PLANS THE EXTRA WORK WILL BE PAID FOR IN ACCORDANCE WITH ARTICLE 109.04.

WHEN PROPOSED SEWER (OR WATER) IS LOCATED 10'-0" OR MORE FROM EXISTING WATER (OR SEWER) NO SPECIAL CONSTRUCTION REQUIRED.

WHEN PROPOSED SEWER (OR WATER) IS LOCATED LESS THAN 10'-0" FROM EXISTING WATER (OR SEWER) DETAILS BELOW SHALL APPLY.



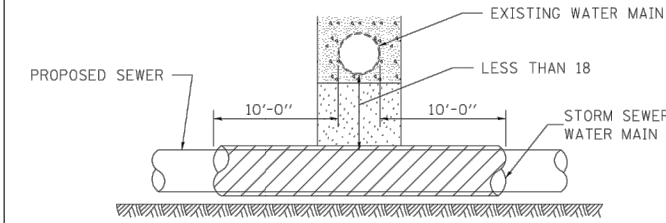
WATER AND SEWER HORIZONTAL SEPARATION REQUIREMENTS

CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

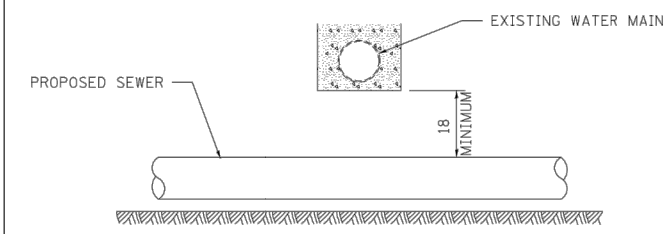
AT GRADE CROSSING OF SANITARY AND STORM SEWER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

POINT LOADS SHALL NOT BE ALLOWED BETWEEN SEWER OR SEWER CASING AND WATER MAIN
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH

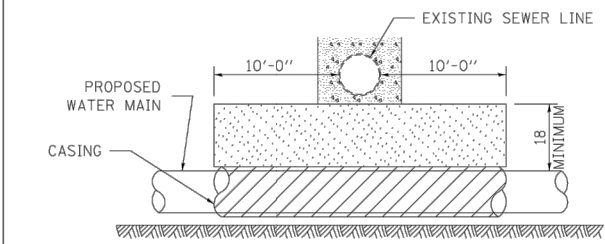


PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH
MAINTAIN 18 MINIMUM VERTICAL SEPARATION FOR 10 FT. HORIZONTALLY



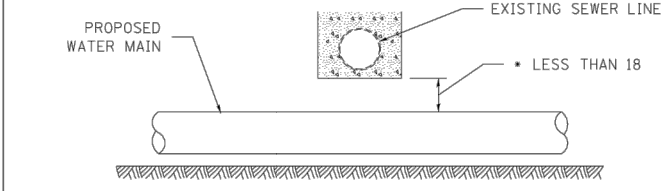
PROPOSED SEWER LINE ABOVE EXISTING WATER MAIN

PROVIDE ADEQUATE SUPPORT FOR EXISTING SEWER LINE TO PREVENT DAMAGE DUE TO SETTLEMENT
PLACE TRENCH BACKFILL FOR 10 FT. ON EITHER SIDE OF SEWER LINE



CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

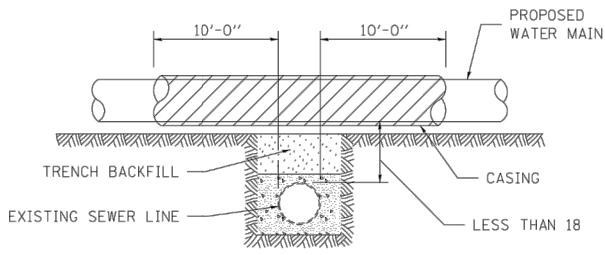
PROVIDE ADEQUATE SUPPORT FOR EXISTING WATER MAIN TO PREVENT DAMAGE DUE TO SETTLEMENT OF SEWER TRENCH
MAINTAIN 18 MINIMUM VERTICAL SEPARATION FOR 10 FT. HORIZONTALLY



* NOT ALLOWED
MUST MAINTAIN 18 VERTICAL SEPARATION

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE

POINT LOADS SHALL NOT BE ALLOWED BETWEEN WATER MAIN OR WATER MAIN CASING AND SEWER

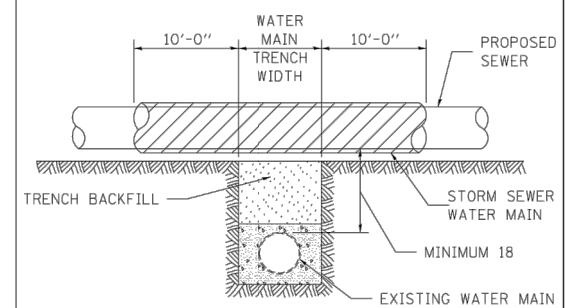


CASING SHALL BE CAST IRON WITH AN INSIDE DIAMETER 2" LARGER IN DIAMETER THAN ENCASED PIPE OUTSIDE DIAMETER WITH BOTH ENDS OF CASING SEALED

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

PROPOSED WATER MAIN ABOVE EXISTING SEWER LINE

PROVIDE ADEQUATE SUPPORT FOR SEWER TO PREVENT SETTLING AND BREAKING THE WATER MAIN.



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

EXISTING WATER MAIN ABOVE PROPOSED SEWER LINE WITH MINIMUM 18 VERTICAL SEPARATION

FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED -	REVISED - 10-17-11
		DRAWN -	REVISED -
	PLOT SCALE = 1/8" = 1'	CHECKED -	REVISED -
	PLOT DATE = Mon Feb 10 13:44:16 2014	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. 1	REVISED PER 2.8.18 IDOT REVIEW	3.1.18

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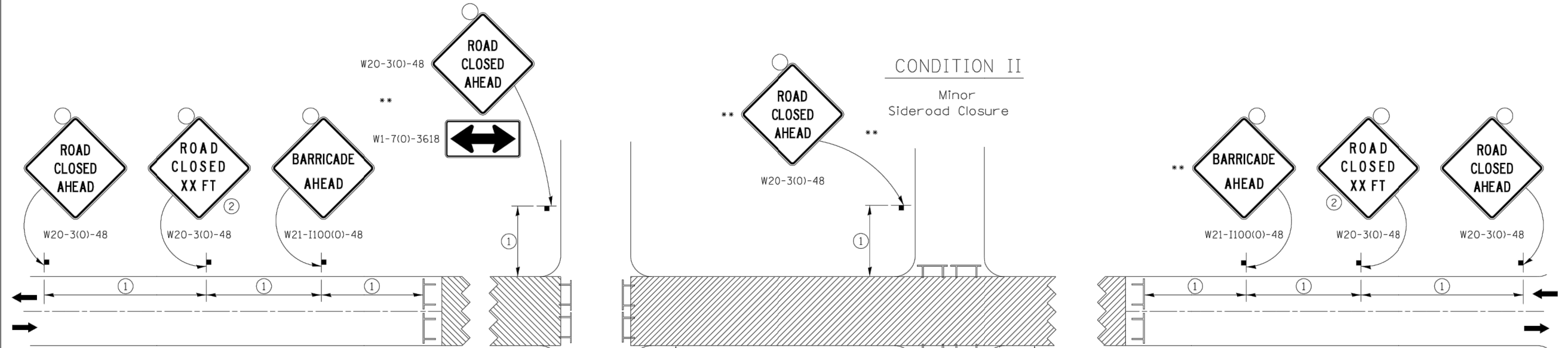
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18TH AVE FUNCTIONAL MILL & OVERLAY
ROCK ISLAND, ILLINOIS
IDOT DISTRICT 2 STANDARDS

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TRAFFIC CONTROL FOR ROAD CLOSURE



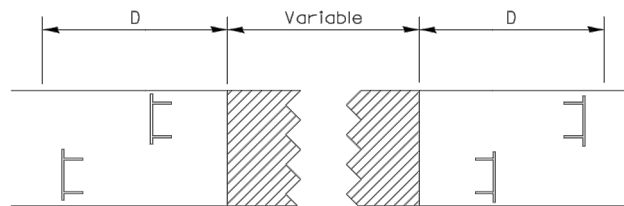
① SIGN SPACING TABLE

Posted Speed	Sign Spacing
45 MPH and above	500'
Below 45 MPH	250'

② SIGN LEGEND

Posted Speed Limit	Distance
45 MPH and above	1000'
Below 45 MPH	500'

ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 2000' an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

SYMBOLS

- Work area
- Type III Barricade with Flashers
- Sign with flashing light

GENERAL NOTES

Longitudinal dimensions may be adjusted to fit field conditions.

Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.

** Where local access is to be maintained, barricades are to be set up as shown in Road Closed to thru traffic. Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.

All dimensions are in inches unless otherwise shown.

TYPICAL APPLICATION FOR ROAD CLOSURE

FILE NAME = District 2 Standard	USER NAME = IDOT/District 2	DESIGNED - DRAWN -	REVISD - 1-05-16 REVISD - 8-27-13	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD		F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	PLOT SCALE = 1/8" = 100'	CHECKED -	REVISD - 10-17-11		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT				
	PLOT DATE = 7/13/2016	DATE -	REVISD -		TRAFFIC CONTROL FOR ROAD CLOSURE 40.1							

REVISIONS		DATE
No.	DESCRIPTION	
1	REVISED PER 2.8.18 IDOT REVIEW	3.1.18

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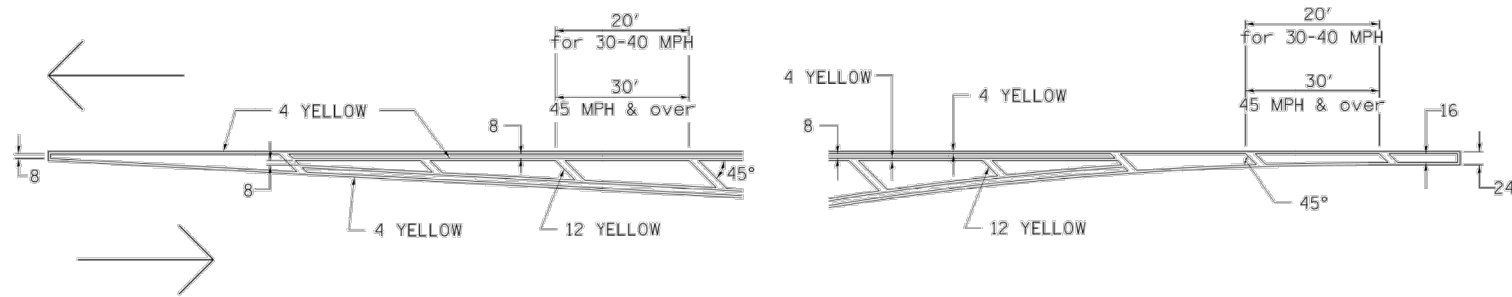
Missman Project No: A15M006A
File Name: A15M006A-DETAILS.dwg
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Field Book No:
Drawn By: JNM
Checked By: JNM
Date: 2/5/2018

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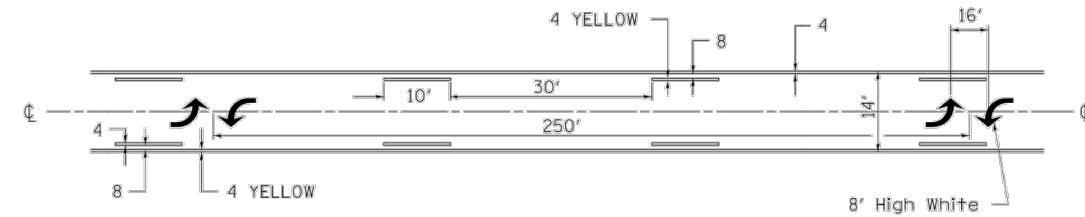
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TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

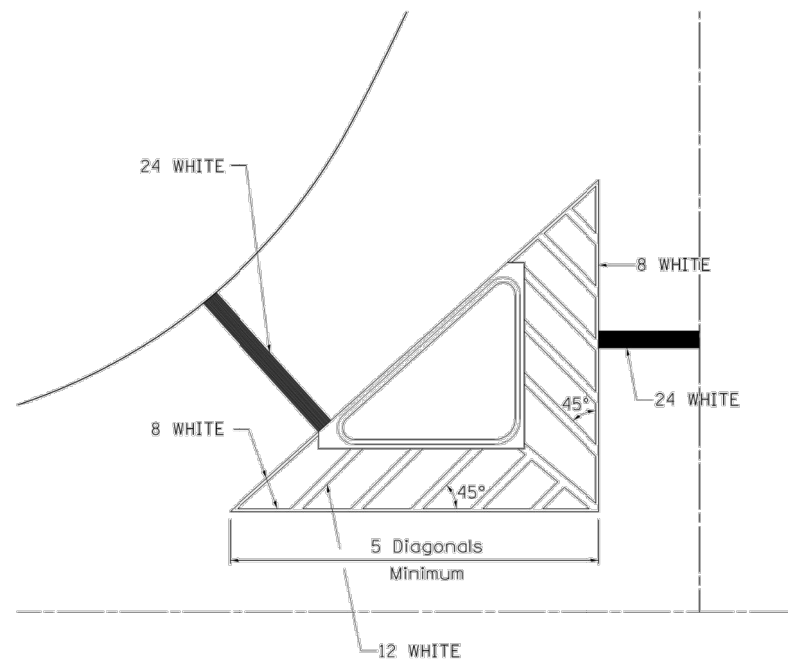


MEDIAN PAVEMENT MARKING



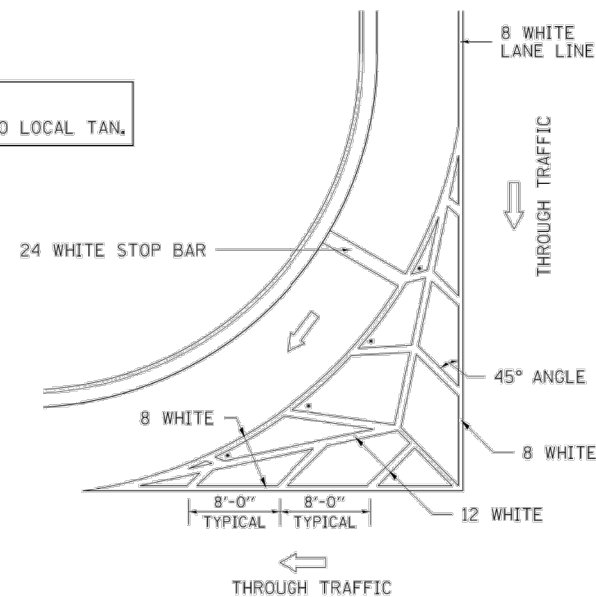
** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



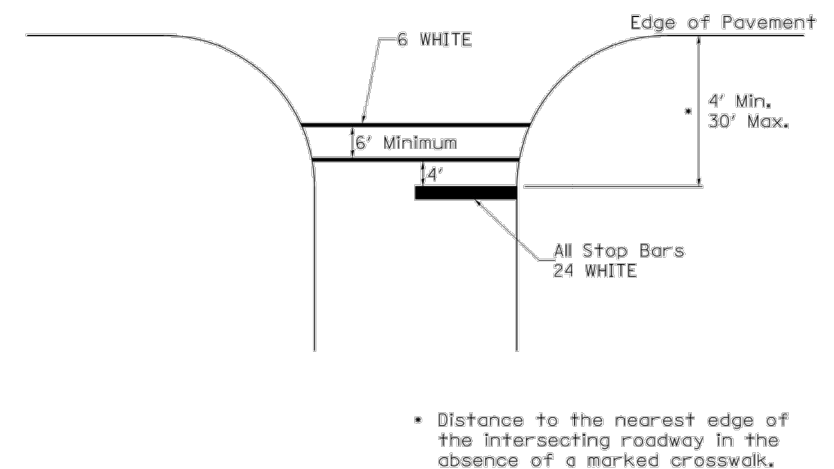
TYPICAL MARKING FOR PAINTED ISLANDS

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 - DRAWN -	REVISIONS - REVISIONS -
	PLOT SCALE = 1:80000 1/8" = 1'	CHECKED -	REVISIONS -
	PLOT DATE = Thu Nov 13 11:24:09 2014	DATE -	REVISIONS -

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.				

TYPICAL PAVEMENT MARKINGS SHEET 1 OF 3 41.1

REVISIONS	DESCRIPTION	DATE
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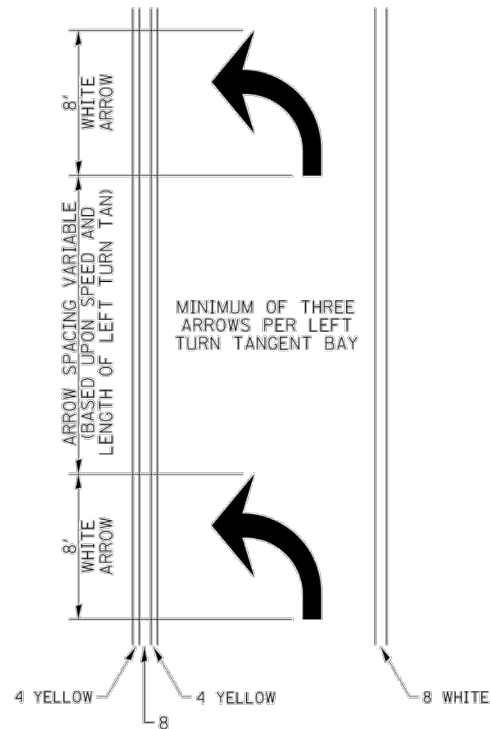
C-SD12
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TYPICAL PAVEMENT MARKINGS

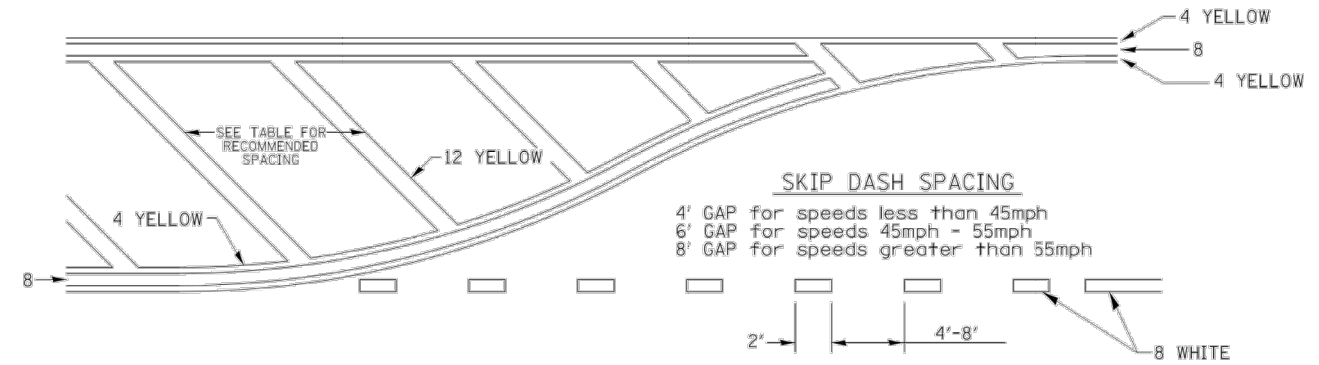
ARROW LAYOUT



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

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

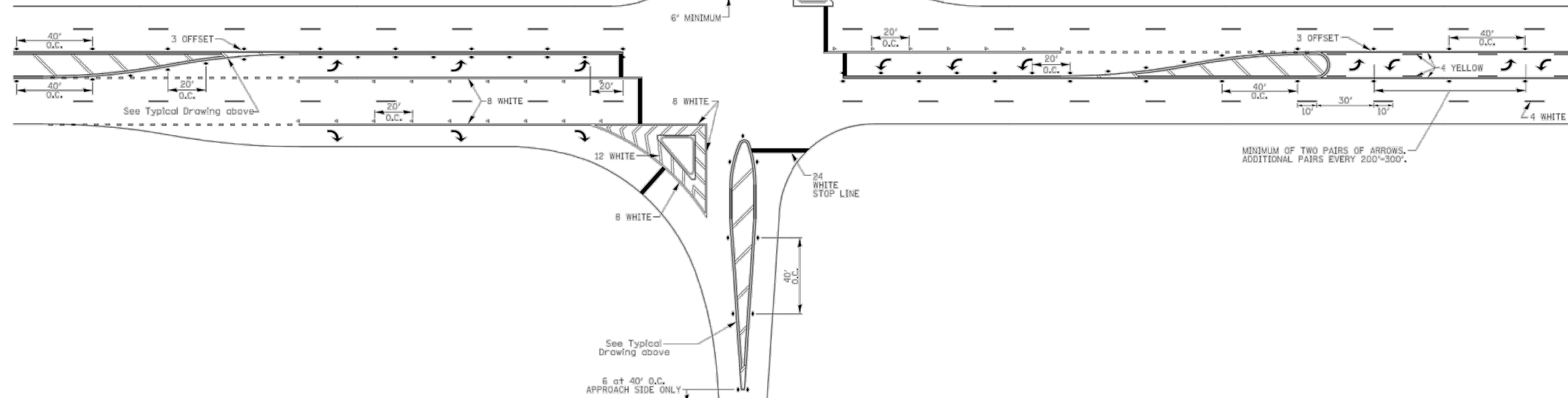
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



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.



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	PLOT SCALE = 1/8" = 1'-0"	CHECKED - DATE = Thu Nov 13 11:29:40 2014	REVISIONS -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	(ILLINOIS) FED. AID PROJECT

TYPICAL PAVEMENT MARKINGS SHEET 2 OF 3 41.1

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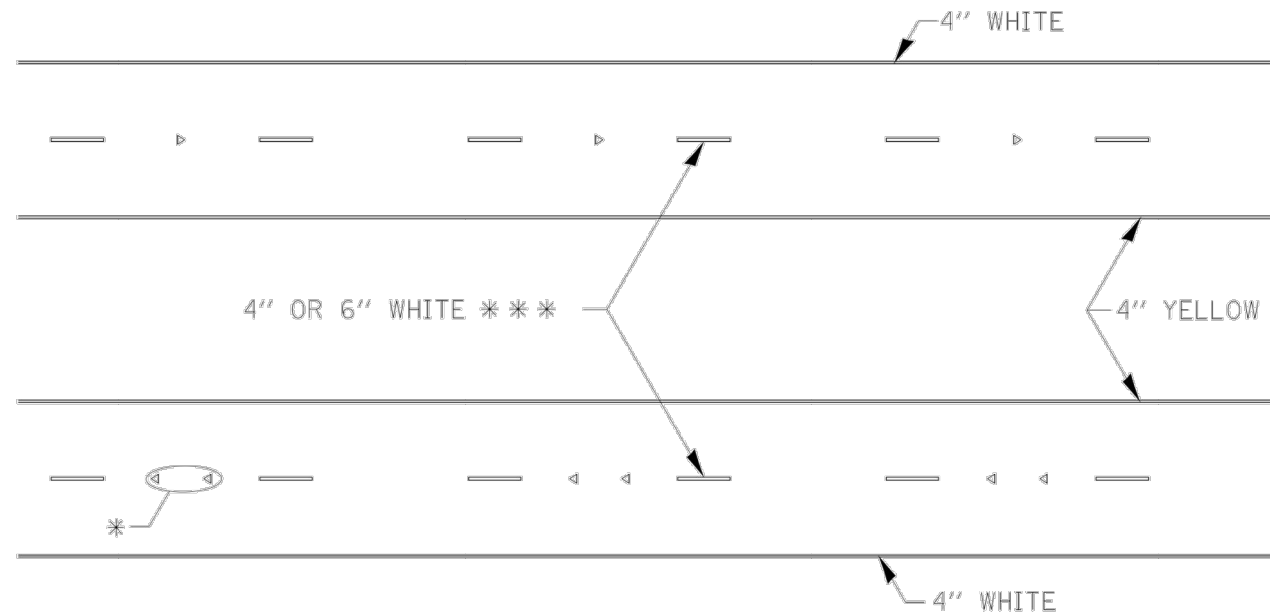
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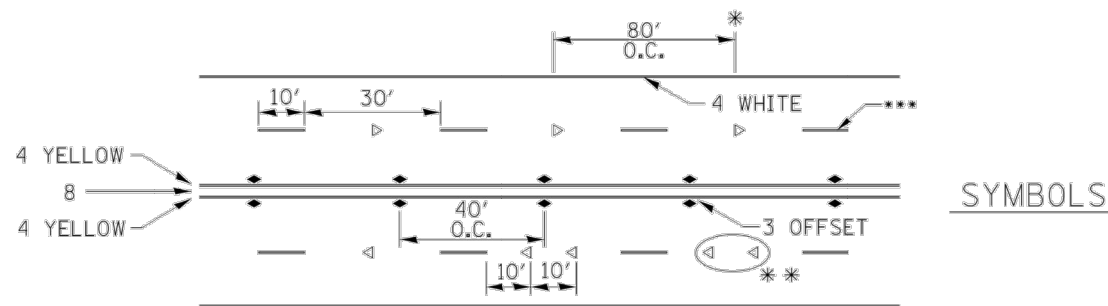
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TYPICAL PAVEMENT MARKINGS



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

MULTI-LANE / DIVIDED

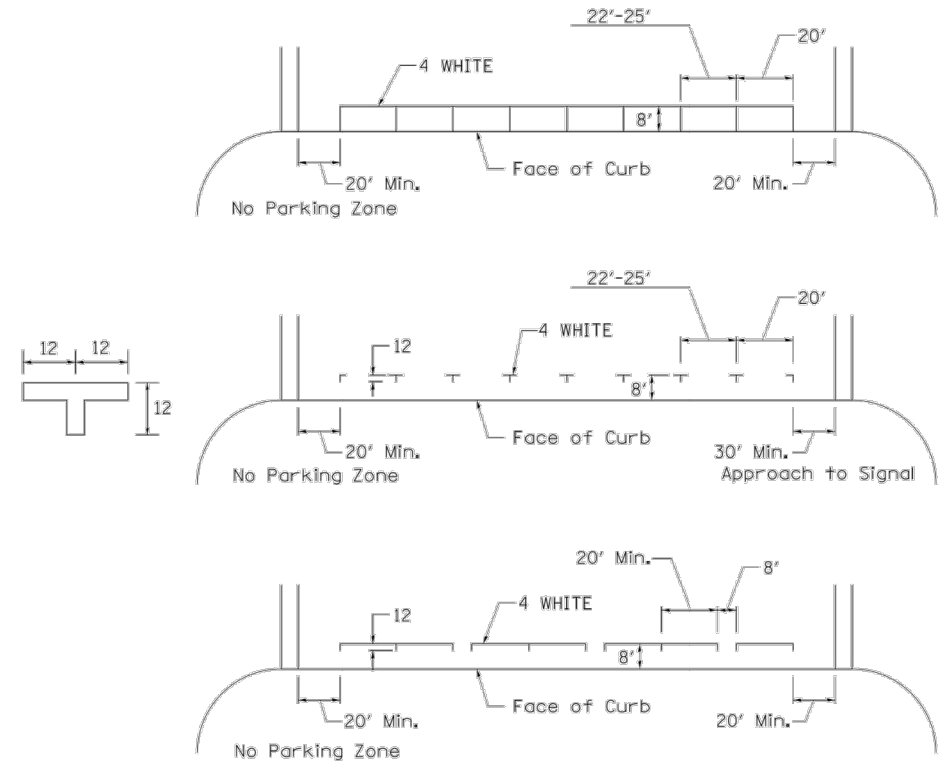


- * REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.
- ** USE DOUBLE MARKERS WHEN ADT ≥ 20,000
- *** CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

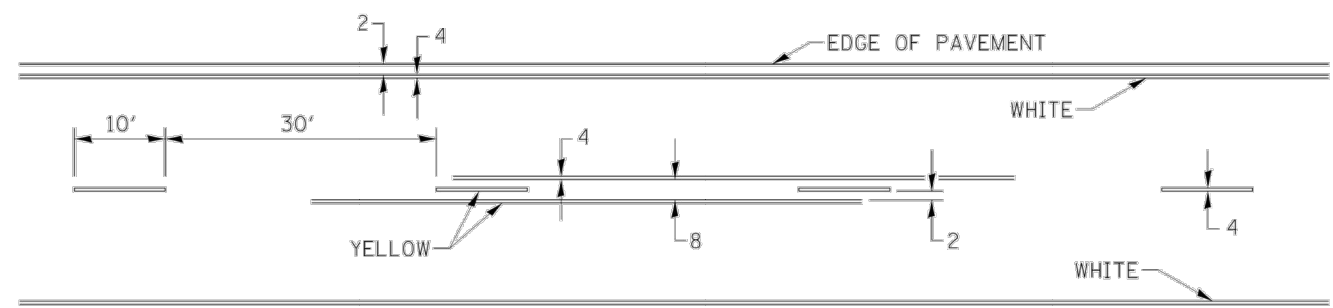
MULTI-LANE / UNDIVIDED & ONE WAY

(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



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		DRAWN -	REVISIONS - 8-27-13			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. (ILLINOIS) FED. AID PROJECT	CONTRACT NO.	
		CHECKED -	REVISIONS - 11-28-12			TYPICAL PAVEMENT MARKINGS SHEET 3 OF 3 41.1					
		DATE -	REVISIONS -								

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