LEGEND

- CONSTRUCTION WORK ZONE
- CONSTRUCTION WORK ZONE CONTD FROM PREVIOUS STAGE
- PR PVMT CONSTRUCTED IN PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED THIS STAGE
- TEMP PVMT CONSTRUCTION CONTD FROM PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED IN PREVIOUS STAGE
- ARROW BOARD
- TYPE III BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADE OR DRUM W STEADY BURNING LIGHT
- DIRECTIONAL INDICATOR BARRICADE W/ STEADY BURN MONODIRECTIONAL LIGHT
- PCMS BOARD
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- (EX) EXISTING PAVEMENT MARKING
- (PR) PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS)
- (MP) MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE

MOT MARKING KEY

- (X_) =PAVEMENT MARKING MATERIAL
- (_#) =PAVEMENT MARKING SIZE AND COLOR

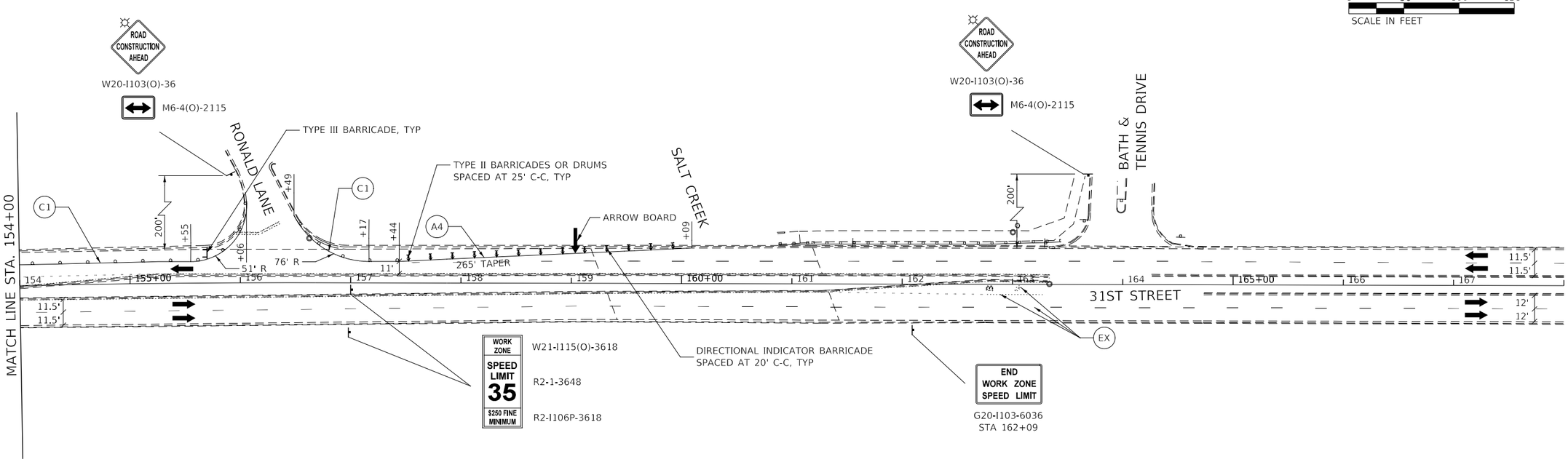
(A_) PAVEMENT MARKING TAPE, TYPE IV
(B_) PERMANENT PAVEMENT MARKING
(C_) TEMPORARY PAVEMENT MARKING
(_1) 4" WHITE LINE
(_2) 4" WHITE 10' LINE 30' SPACE
(_3) 4" DOUBLE YELLOW LINE 12" C-C
(_4) 4" YELLOW LINE
(_5) 6" WHITE LINE
(_6) 6" WHITE 2' LINE 6' SPACE
(_7) 6" WHITE 3' LINE 9' SPACE
(_8) 8" WHITE LINE
(_9) 8" WHITE 3' LINE 9' SPACE
(_10) 12" WHITE LINE
(_11) 12" YELLOW LINE
(_12) 24" WHITE LINE
(_13) LETTERS AND SYMBOLS

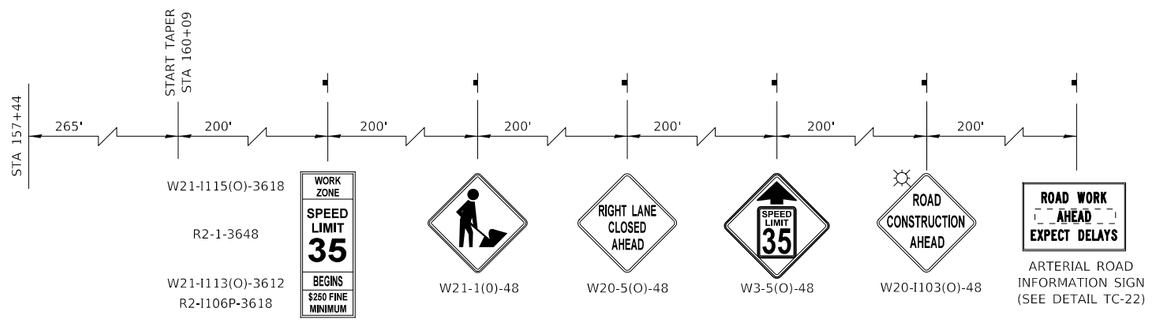
NOTES

1. SEE TEMPORARY TRAFFIC SIGNAL PLANS FOR LOCATIONS OF SIGNAL ELEMENTS DURING CONSTRUCTION.
2. LANE WIDTH DIMENSIONS ARE SHOWN FROM CENTER TO CENTER OF PAVEMENT MARKING STRIPES.

N

0 50 100 150
SCALE IN FEET





ADVANCE SIGNING FOR WB 31ST STREET

(SPACING MAY VARY DUE TO FIELD CONDITIONS)

KNIGHT Engineers & Architects

DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC – STAGE 1
31ST STREET

SCALE: AS SHOWN | SHEET 5 OF 8 SHEETS | STA. 154+00 TO STA. 168+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	101
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

LEGEND

- CONSTRUCTION WORK ZONE
- CONSTRUCTION WORK ZONE CONTD FROM PREVIOUS STAGE
- PR PVMT CONSTRUCTED IN PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED THIS STAGE
- TEMP PVMT CONSTRUCTION CONTD FROM PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED IN PREVIOUS STAGE
- ARROW BOARD
- TYPE III BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADE OR DRUM W STEADY BURNING LIGHT
- DIRECTIONAL INDICATOR BARRICADE W/ STEADY BURN MONODIRECTIONAL LIGHT
- PCMS BOARD
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- (EX) EXISTING PAVEMENT MARKING
- (PR) PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS)
- (MP) MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE

MOT MARKING KEY

- (X_) =PAVEMENT MARKING MATERIAL
- (_#) =PAVEMENT MARKING SIZE AND COLOR

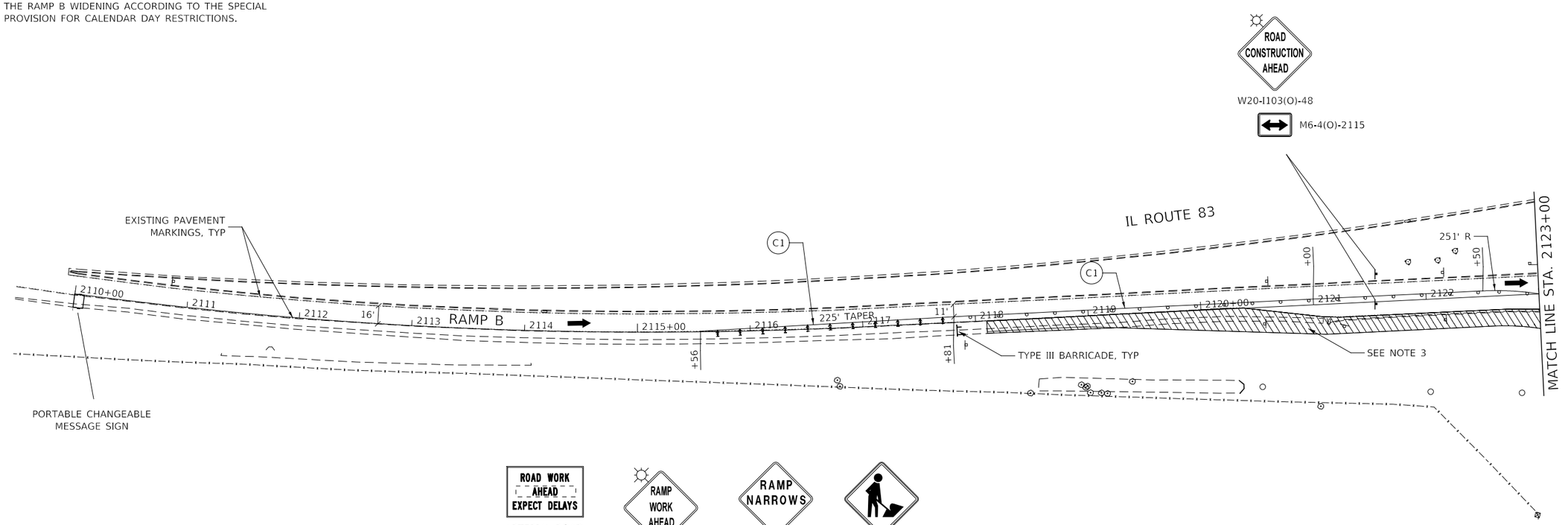
- (A_) PAVEMENT MARKING TAPE, TYPE IV
- (B_) PERMANENT PAVEMENT MARKING
- (C_) TEMPORARY PAVEMENT MARKING
- (_1) 4" WHITE LINE
- (_2) 4" WHITE 10' LINE 30' SPACE
- (_3) 4" DOUBLE YELLOW LINE 12" C-C
- (_4) 4" YELLOW LINE
- (_5) 6" WHITE LINE
- (_6) 6" WHITE 2' LINE 6' SPACE
- (_7) 6" WHITE 3' LINE 9' SPACE
- (_8) 8" WHITE LINE
- (_9) 8" WHITE 3' LINE 9' SPACE
- (_10) 12" WHITE LINE
- (_11) 12" YELLOW LINE
- (_12) 24" WHITE LINE
- (_13) LETTERS AND SYMBOLS

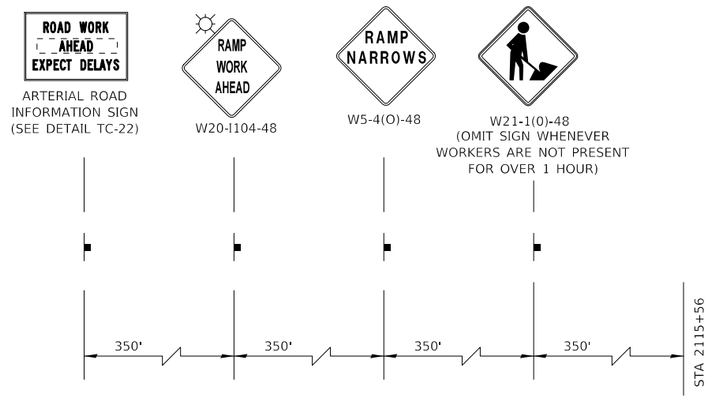
NOTES

1. SEE TEMPORARY TRAFFIC SIGNAL PLANS FOR LOCATIONS OF SIGNAL ELEMENTS DURING CONSTRUCTION.
2. LANE WIDTH DIMENSIONS ARE SHOWN FROM CENTER TO CENTER OF PAVEMENT MARKING STRIPES.
3. CONTRACTOR SHALL COMPLETE CONSTRUCTION AT THE RAMP B WIDENING ACCORDING TO THE SPECIAL PROVISION FOR CALENDAR DAY RESTRICTIONS.

N

0 50 100 150
SCALE IN FEET





ADVANCE SIGNING FOR RAMP B

KNIGHT Engineers & Architects

	DESIGNED - D.M.S.	REVISED -	
	DRAWN - D.M.S.	REVISED -	
	CHECKED - D.J.C.	REVISED -	
	DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC – STAGE 1
IL 83 NB ENTRANCE RAMP – RAMP B

SCALE: AS SHOWN | SHEET 6 OF 8 SHEETS | STA. 2110+00 TO STA. 2123+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	102
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		

LEGEND

- CONSTRUCTION WORK ZONE
- CONSTRUCTION WORK ZONE CONTD FROM PREVIOUS STAGE
- PR PVMT CONSTRUCTED IN PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED THIS STAGE
- TEMP PVMT CONSTRUCTION CONTD FROM PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED IN PREVIOUS STAGE
- ARROW BOARD
- TYPE III BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADE OR DRUM W STEADY BURNING LIGHT
- DIRECTIONAL INDICATOR BARRICADE W/ STEADY BURN MONODIRECTIONAL LIGHT
- PCMS BOARD
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- (EX) EXISTING PAVEMENT MARKING
- (PR) PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS)
- (MP) MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE

MOT MARKING KEY

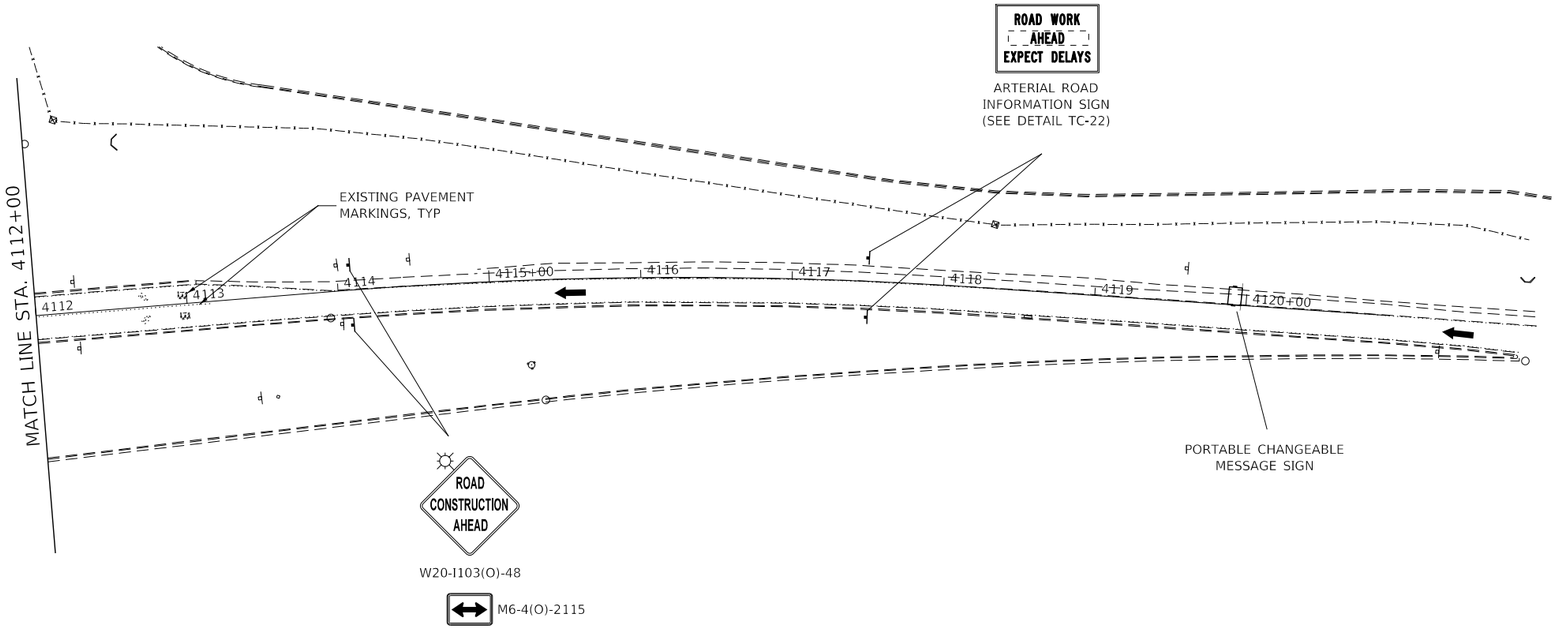
- (X_) =PAVEMENT MARKING MATERIAL
- (_#) =PAVEMENT MARKING SIZE AND COLOR
- (A_) PAVEMENT MARKING TAPE, TYPE IV
- (B_) PERMANENT PAVEMENT MARKING
- (C_) TEMPORARY PAVEMENT MARKING
- (_1) 4" WHITE LINE
- (_2) 4" WHITE 10' LINE 30' SPACE
- (_3) 4" DOUBLE YELLOW LINE 12" C-C
- (_4) 4" YELLOW LINE
- (_5) 6" WHITE LINE
- (_6) 6" WHITE 2' LINE 6' SPACE
- (_7) 6" WHITE 3' LINE 9' SPACE
- (_8) 8" WHITE LINE
- (_9) 8" WHITE 3' LINE 9' SPACE
- (_10) 12" WHITE LINE
- (_11) 12" YELLOW LINE
- (_12) 24" WHITE LINE
- (_13) LETTERS AND SYMBOLS

NOTES

1. SEE TEMPORARY TRAFFIC SIGNAL PLANS FOR LOCATIONS OF SIGNAL ELEMENTS DURING CONSTRUCTION.
2. LANE WIDTH DIMENSIONS ARE SHOWN FROM CENTER TO CENTER OF PAVEMENT MARKING STRIPES.

N

0 50 100 150
SCALE IN FEET



KNIGHT Engineers & Architects

	DESIGNED - D.M.S.	REVISED -	
	DRAWN - D.M.S.	REVISED -	
	CHECKED - D.J.C.	REVISED -	
	DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC – STAGE 1
IL 83 SB ENTRANCE RAMP – RAMP D

SCALE: AS SHOWN | SHEET 7 OF 8 SHEETS | STA. 4112+00 | TO STA. 4120+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	103
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

LEGEND

- CONSTRUCTION WORK ZONE
- CONSTRUCTION WORK ZONE CONTD FROM PREVIOUS STAGE
- PR PVMT CONSTRUCTED IN PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED THIS STAGE
- TEMP PVMT CONSTRUCTION CONTD FROM PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED IN PREVIOUS STAGE
- ARROW BOARD
- TYPE III BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADE OR DRUM W STEADY BURNING LIGHT
- DIRECTIONAL INDICATOR BARRICADE W/ STEADY BURN MONODIRECTIONAL LIGHT
- PCMS BOARD
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- (EX) EXISTING PAVEMENT MARKING
- (PR) PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS)
- (MP) MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE

MOT MARKING KEY

- (X_) =PAVEMENT MARKING MATERIAL
- (_#) =PAVEMENT MARKING SIZE AND COLOR

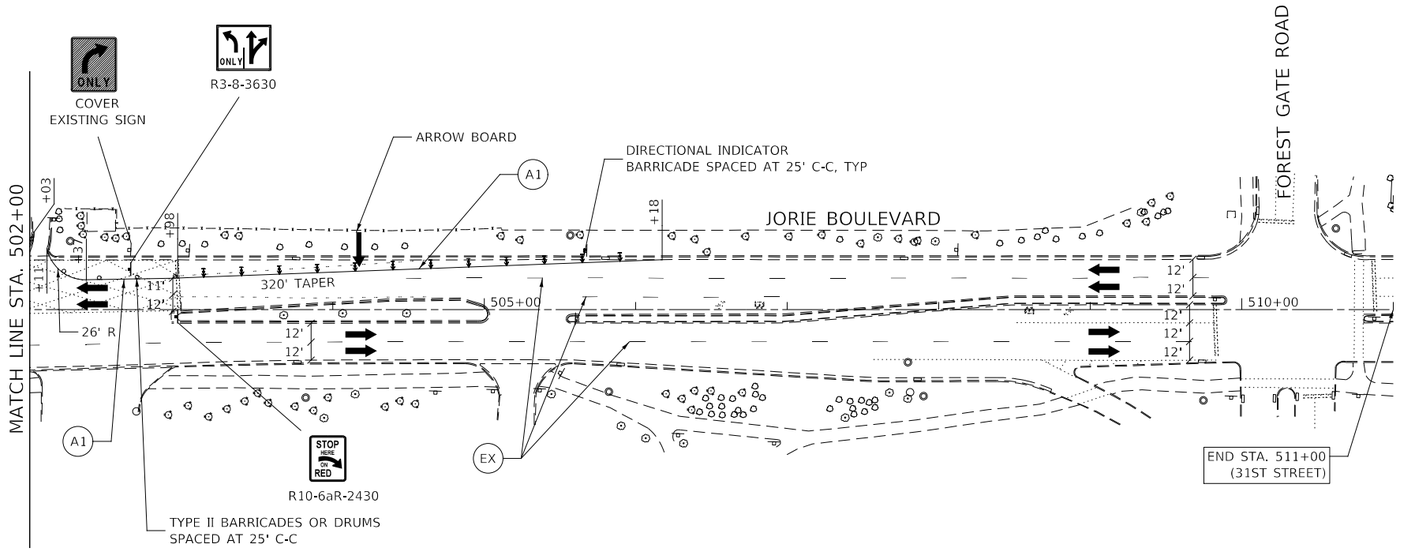
(A_) PAVEMENT MARKING TAPE, TYPE IV	(_2) 4" WHITE 10' LINE 30' SPACE	(_6) 6" WHITE 2' LINE 6' SPACE	(_10) 12" WHITE LINE
(B_) PERMANENT PAVEMENT MARKING	(_3) 4" DOUBLE YELLOW LINE 12" C-C	(_7) 6" WHITE 3' LINE 9' SPACE	(_11) 12" YELLOW LINE
(C_) TEMPORARY PAVEMENT MARKING	(_4) 4" YELLOW LINE	(_8) 8" WHITE LINE	(_12) 24" WHITE LINE
(_1) 4" WHITE LINE	(_5) 6" WHITE LINE	(_9) 8" WHITE 3' LINE 9' SPACE	(_13) LETTERS AND SYMBOLS

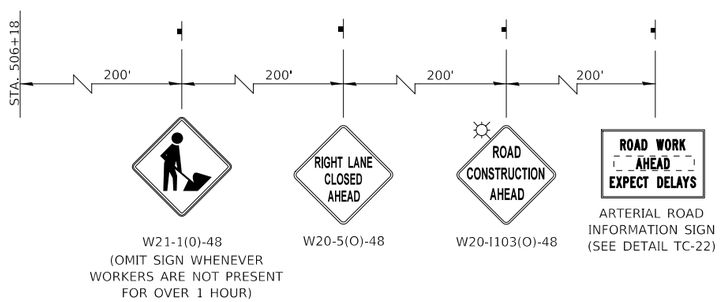
NOTES

1. SEE TEMPORARY TRAFFIC SIGNAL PLANS FOR LOCATIONS OF SIGNAL ELEMENTS DURING CONSTRUCTION.
2. LANE WIDTH DIMENSIONS ARE SHOWN FROM CENTER TO CENTER OF PAVEMENT MARKING STRIPES.

N

0 50 100 150
SCALE IN FEET





ADVANCE SIGNING FOR SB JORIE BOULEVARD

(SPACING MAY VARY DUE TO FIELD CONDITIONS)

KNIGHT Engineers & Architects

DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC – STAGE 1
JORIE BOULEVARD

SCALE: AS SHOWN | SHEET 8 OF 8 SHEETS | STA. 502+00 | TO STA. 511+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	104
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

LEGEND

- CONSTRUCTION WORK ZONE
- CONSTRUCTION WORK ZONE CONTD FROM PREVIOUS STAGE
- PR PVMT CONSTRUCTED IN PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED THIS STAGE
- TEMP PVMT CONSTRUCTION CONTD FROM PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED IN PREVIOUS STAGE
- ARROW BOARD
- TYPE III BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADE OR DRUM W STEADY BURNING LIGHT
- DIRECTIONAL INDICATOR BARRICADE W/ STEADY BURN MONODIRECTIONAL LIGHT
- PCMS BOARD
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- (EX) EXISTING PAVEMENT MARKING
- (PR) PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS)
- (MP) MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE

MOT MARKING KEY

- (X_) =PAVEMENT MARKING MATERIAL
- (_#) =PAVEMENT MARKING SIZE AND COLOR
- (A_) PAVEMENT MARKING TAPE, TYPE IV
- (B_) PERMANENT PAVEMENT MARKING
- (C_) TEMPORARY PAVEMENT MARKING
- (_1) 4" WHITE LINE
- (_2) 4" WHITE 10' LINE 30' SPACE
- (_3) 4" DOUBLE YELLOW LINE 12" C-C
- (_4) 4" YELLOW LINE
- (_5) 6" WHITE LINE
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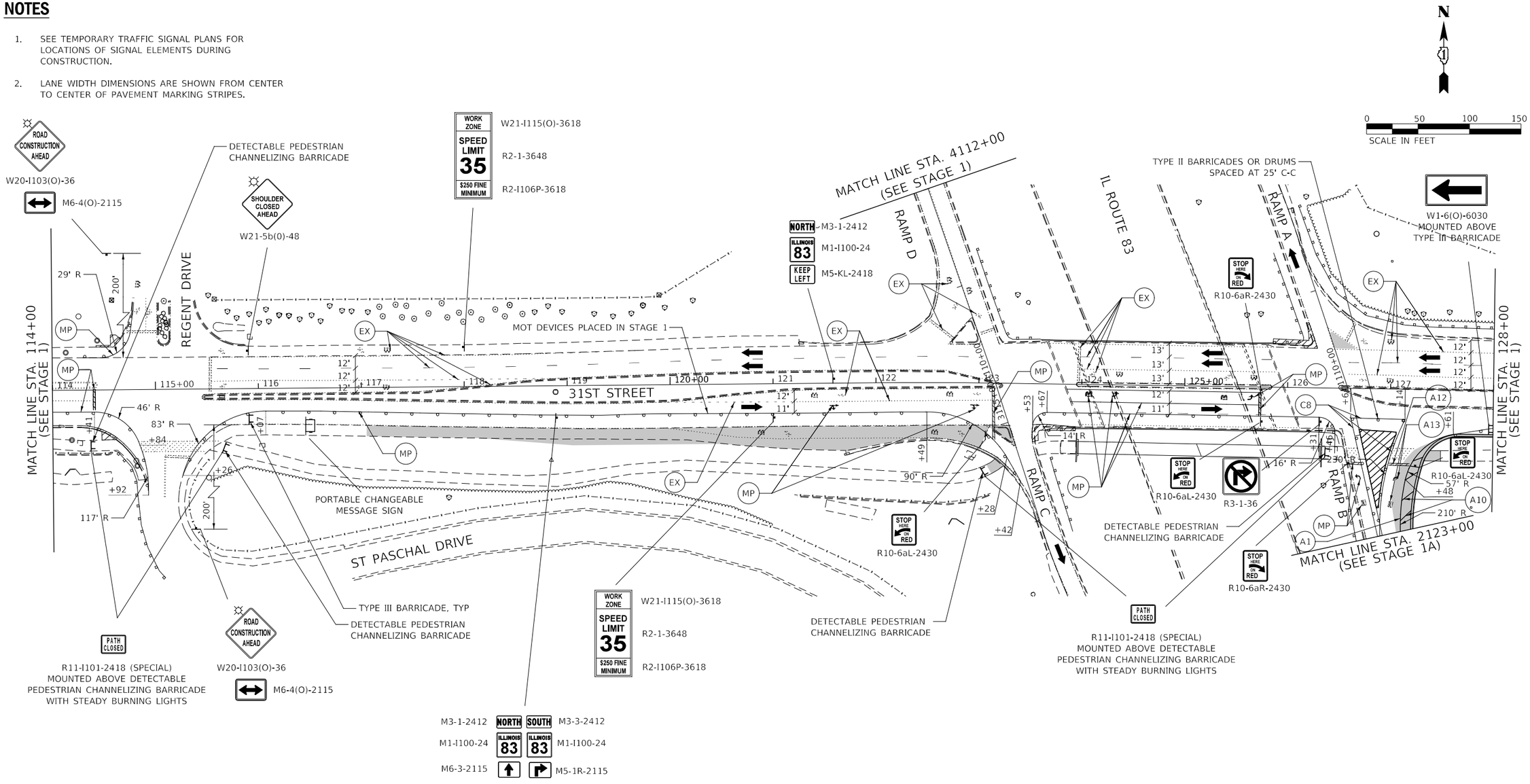
- (_7) 6" WHITE 3' LINE 9' SPACE
- (_8) 8" WHITE LINE
- (_9) 8" WHITE 3' LINE 9' SPACE
- (_10) 12" WHITE LINE
- (_11) 12" YELLOW LINE
- (_12) 24" WHITE LINE
- (_13) LETTERS AND SYMBOLS

NOTES

1. SEE TEMPORARY TRAFFIC SIGNAL PLANS FOR LOCATIONS OF SIGNAL ELEMENTS DURING CONSTRUCTION.
2. LANE WIDTH DIMENSIONS ARE SHOWN FROM CENTER TO CENTER OF PAVEMENT MARKING STRIPES.



KNIGHT Engineers & Architects	DESIGNED - D.M.S.	REVISED -	**STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION**
	DRAWN - D.M.S.	REVISED -	
	CHECKED - D.J.C.	REVISED -	
	DATE - 09-01-2020	REVISED -	

MAINTENANCE OF TRAFFIC – STAGE 1A
31ST STREET

SCALE: AS SHOWN | SHEET 1 OF 3 SHEETS | STA. 114+00 TO STA. 128+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	105
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

LEGEND

- CONSTRUCTION WORK ZONE
- CONSTRUCTION WORK ZONE CONTD FROM PREVIOUS STAGE
- PR PVMT CONSTRUCTED IN PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED THIS STAGE
- TEMP PVMT CONSTRUCTION CONTD FROM PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED IN PREVIOUS STAGE
- ARROW BOARD
- TYPE III BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADE OR DRUM W STEADY BURNING LIGHT
- DIRECTIONAL INDICATOR BARRICADE W/ STEADY BURN MONODIRECTIONAL LIGHT
- PCMS BOARD
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- (EX) EXISTING PAVEMENT MARKING
- (PR) PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS)
- (MP) MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE

MOT MARKING KEY

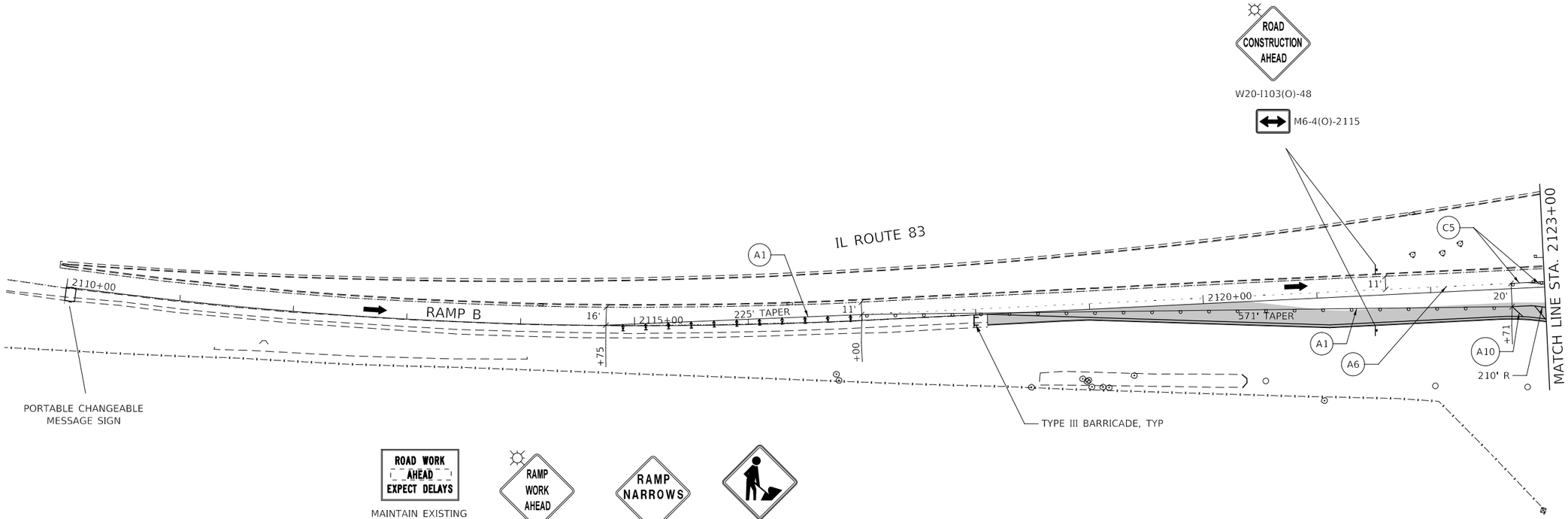
- (X_) =PAVEMENT MARKING MATERIAL
- (_#) =PAVEMENT MARKING SIZE AND COLOR
- (A_) PAVEMENT MARKING TAPE, TYPE IV
- (B_) PERMANENT PAVEMENT MARKING
- (C_) TEMPORARY PAVEMENT MARKING
- (_1) 4" WHITE LINE
- (_2) 4" WHITE 10' LINE 30' SPACE
- (_3) 4" DOUBLE YELLOW LINE 12" C-C
- (_4) 4" YELLOW LINE
- (_5) 6" WHITE LINE
- (_6) 6" WHITE 2' LINE 6' SPACE
- (_7) 6" WHITE 3' LINE 9' SPACE
- (_8) 8" WHITE LINE
- (_9) 8" WHITE 3' LINE 9' SPACE
- (_10) 12" WHITE LINE
- (_11) 12" YELLOW LINE
- (_12) 24" WHITE LINE
- (_13) LETTERS AND SYMBOLS

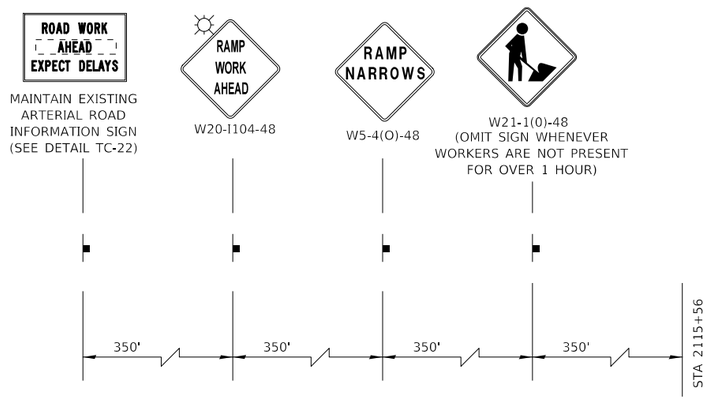
NOTES

1. SEE TEMPORARY TRAFFIC SIGNAL PLANS FOR LOCATIONS OF SIGNAL ELEMENTS DURING CONSTRUCTION.
2. LANE WIDTH DIMENSIONS ARE SHOWN FROM CENTER TO CENTER OF PAVEMENT MARKING STRIPES.

N

0 50 100 150
SCALE IN FEET





ADVANCE SIGNING FOR RAMP B

KNIGHT Engineers & Architects		DESIGNED - D.M.S.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC – STAGE 1A IL 83 NB ENTRANCE RAMP – RAMP B
		DRAWN - D.M.S.	REVISED -		
		CHECKED - D.J.C.	REVISED -		
		DATE - 09-01-2020	REVISED -		SCALE: AS SHOWN | SHEET 2 OF 3 SHEETS | STA. 2110+00 TO STA. 2123+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	106
		CONTRACT NO. 61G12		
	ILLINOIS | FED. AID PROJECT			

LEGEND

- CONSTRUCTION WORK ZONE
- CONSTRUCTION WORK ZONE CONTD FROM PREVIOUS STAGE
- PR PVMT CONSTRUCTED IN PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED THIS STAGE
- TEMP PVMT CONSTRUCTION CONTD FROM PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED IN PREVIOUS STAGE
- ARROW BOARD
- TYPE III BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADE OR DRUM W STEADY BURNING LIGHT
- DIRECTIONAL INDICATOR BARRICADE W/ STEADY BURN MONODIRECTIONAL LIGHT
- PCMS BOARD
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- (EX) EXISTING PAVEMENT MARKING
- (PR) PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS)
- (MP) MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE

MOT MARKING KEY

- (X_) =PAVEMENT MARKING MATERIAL
- (_#) =PAVEMENT MARKING SIZE AND COLOR
- (A_) PAVEMENT MARKING TAPE, TYPE IV
- (B_) PERMANENT PAVEMENT MARKING
- (C_) TEMPORARY PAVEMENT MARKING
- (_1) 4" WHITE LINE
- (_2) 4" WHITE 10' LINE 30' SPACE
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- (_4) 4" YELLOW LINE
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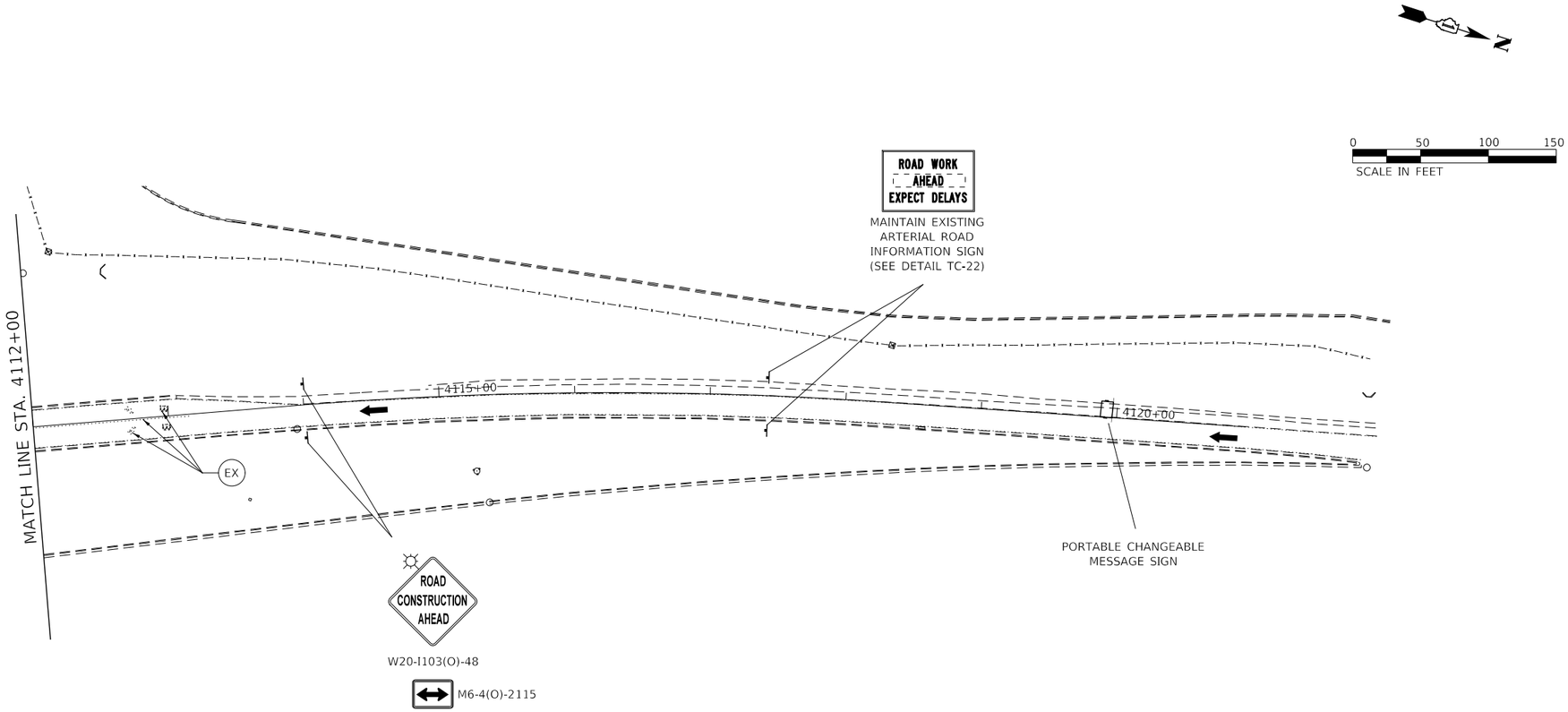
NOTES

1. SEE TEMPORARY TRAFFIC SIGNAL PLANS FOR LOCATIONS OF SIGNAL ELEMENTS DURING CONSTRUCTION.
2. LANE WIDTH DIMENSIONS ARE SHOWN FROM CENTER TO CENTER OF PAVEMENT MARKING STRIPES.



KNIGHT Engineers & Architects		DESIGNED - D.M.S.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC – STAGE 1A IL 83 SB RAMP
		DRAWN - D.M.S.	REVISED -		
		CHECKED - D.J.C.	REVISED -		
		DATE - 09-01-2020	REVISED -		SCALE: AS SHOWN | SHEET 3 OF 3 SHEETS | STA. 4112+00 TO STA. 4120+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	107
		CONTRACT NO. 61G12		
	ILLINOIS | FED. AID PROJECT			

LEGEND

- CONSTRUCTION WORK ZONE
- CONSTRUCTION WORK ZONE CONTD FROM PREVIOUS STAGE
- PR PVMT CONSTRUCTED IN PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED THIS STAGE
- TEMP PVMT CONSTRUCTION CONTD FROM PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED IN PREVIOUS STAGE
- ARROW BOARD
- TYPE III BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADE OR DRUM W STEADY BURNING LIGHT
- DIRECTIONAL INDICATOR BARRICADE W/ STEADY BURN MONODIRECTIONAL LIGHT
- PCMS BOARD
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- (EX) EXISTING PAVEMENT MARKING
- (PR) PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS)
- (MP) MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE

MOT MARKING KEY

- (X_) =PAVEMENT MARKING MATERIAL
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- (_4) 4" YELLOW LINE
- (_5) 6" WHITE LINE
- (_6) 6" WHITE 2' LINE 6' SPACE
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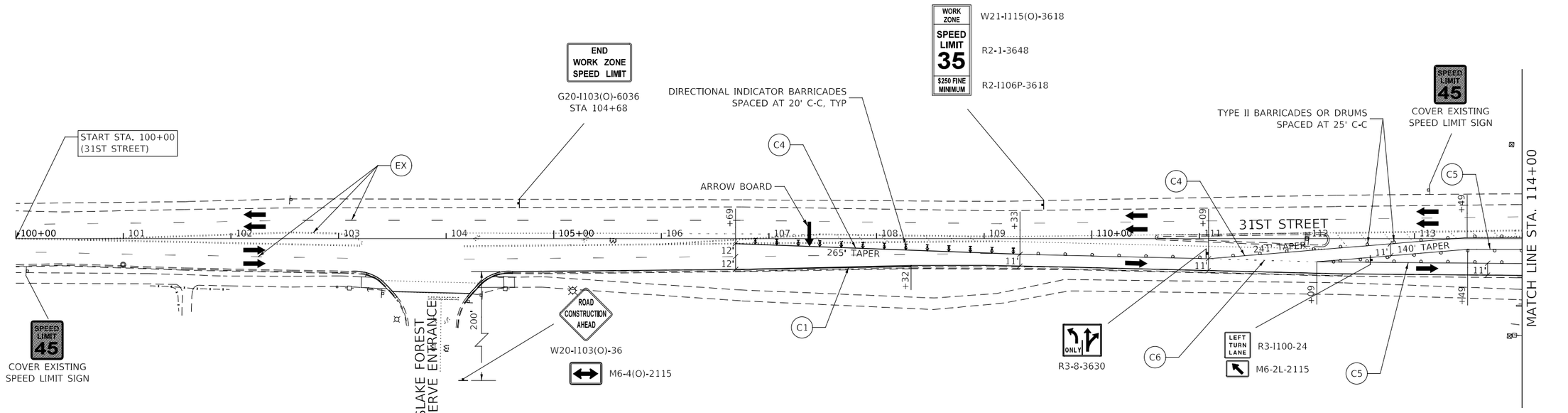
- (_13) LETTERS AND SYMBOLS

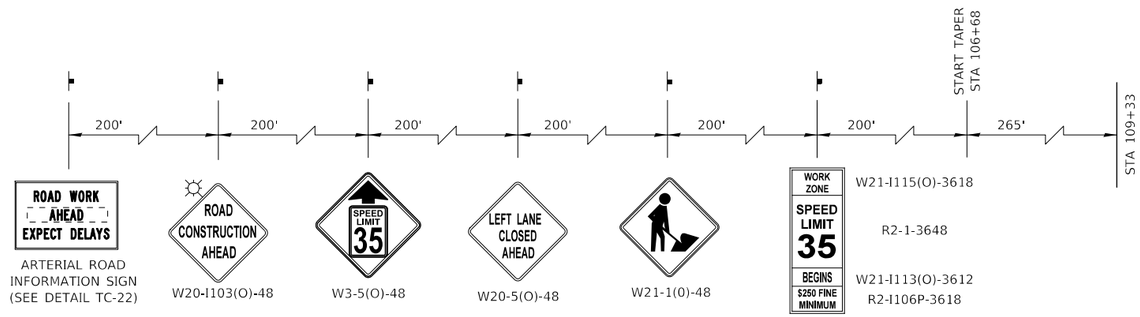
NOTES

1. SEE TEMPORARY TRAFFIC SIGNAL PLANS FOR LOCATIONS OF SIGNAL ELEMENTS DURING CONSTRUCTION.
2. LANE WIDTH DIMENSIONS ARE SHOWN FROM CENTER TO CENTER OF PAVEMENT MARKING STRIPES.

N

0 50 100 150
SCALE IN FEET





ADVANCE SIGNING FOR EB 31ST STREET

(SPACING MAY VARY DUE TO FIELD CONDITIONS)

KNIGHT Engineers & Architects

DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC – STAGE 2
31ST STREET

SCALE: AS SHOWN | SHEET 1 OF 7 SHEETS | STA. 100+00 TO STA. 114+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	108
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

LEGEND

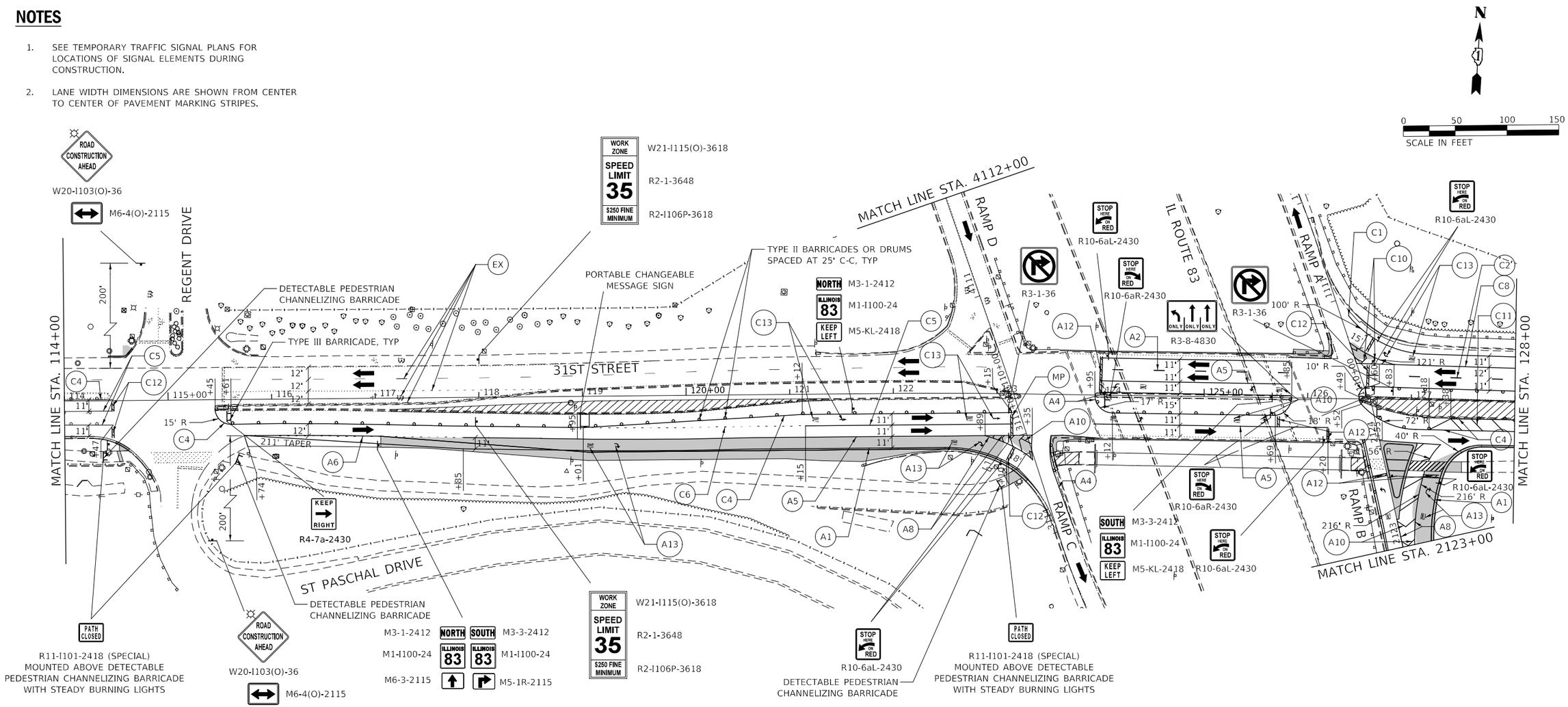
- CONSTRUCTION WORK ZONE
- CONSTRUCTION WORK ZONE CONTD FROM PREVIOUS STAGE
- PR PVMT CONSTRUCTED IN PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED THIS STAGE
- TEMP PVMT CONSTRUCTION CONTD FROM PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED IN PREVIOUS STAGE
- ARROW BOARD
- TYPE III BARRICADE WITH STEADY BURNING LIGHTS
- TYPE II BARRICADE OR DRUM W STEADY BURNING LIGHT
- DIRECTIONAL INDICATOR BARRICADE W/ STEADY BURN MONODIRECTIONAL LIGHT
- PCMS BOARD
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- (EX) EXISTING PAVEMENT MARKING
- (PR) PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS)
- (MP) MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE

MOT MARKING KEY

- (X_) =PAVEMENT MARKING MATERIAL
- (_#) =PAVEMENT MARKING SIZE AND COLOR
- (A_) PAVEMENT MARKING TAPE, TYPE IV
- (B_) PERMANENT PAVEMENT MARKING
- (C_) TEMPORARY PAVEMENT MARKING
- (_1) 4" WHITE LINE
- (_2) 4" WHITE 10' LINE 30' SPACE
- (_3) 4" DOUBLE YELLOW LINE 12" C-C
- (_4) 4" YELLOW LINE
- (_5) 6" WHITE LINE
- (_6) 6" WHITE 2' LINE 6' SPACE
- (_7) 6" WHITE 3' LINE 9' SPACE
- (_8) 8" WHITE LINE
- (_9) 8" WHITE 3' LINE 9' SPACE
- (_10) 12" WHITE LINE
- (_11) 12" YELLOW LINE
- (_12) 24" WHITE LINE
- (_13) LETTERS AND SYMBOLS

NOTES

1. SEE TEMPORARY TRAFFIC SIGNAL PLANS FOR LOCATIONS OF SIGNAL ELEMENTS DURING CONSTRUCTION.
2. LANE WIDTH DIMENSIONS ARE SHOWN FROM CENTER TO CENTER OF PAVEMENT MARKING STRIPES.



KNIGHT Engineers & Architects		DESIGNED - D.M.S.	REVISED -	
		DRAWN - D.M.S.	REVISED -	
		CHECKED - D.J.C.	REVISED -	
		DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC – STAGE 2
31ST STREET

SCALE: AS SHOWN | SHEET 2 OF 7 SHEETS | STA. 114+00 | TO STA. 128+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	109
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

LEGEND

- CONSTRUCTION WORK ZONE
- CONSTRUCTION WORK ZONE CONTD FROM PREVIOUS STAGE
- PR PVMT CONSTRUCTED IN PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED THIS STAGE
- TEMP PVMT CONSTRUCTION CONTD FROM PREVIOUS STAGE
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- ARROW BOARD
- TYPE III BARRICADE WITH STEADY BURNING LIGHTS
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- DIRECTIONAL INDICATOR BARRICADE W/ STEADY BURN MONODIRECTIONAL LIGHT
- PCMS BOARD
- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
- (EX) EXISTING PAVEMENT MARKING
- (PR) PROPOSED PAVEMENT MARKING (SEE PAVEMENT MARKING PLANS)
- (MP) MAINTAIN PAVEMENT MARKING FROM PREVIOUS STAGE

MOT MARKING KEY

- (X_) =PAVEMENT MARKING MATERIAL
- (_#) =PAVEMENT MARKING SIZE AND COLOR

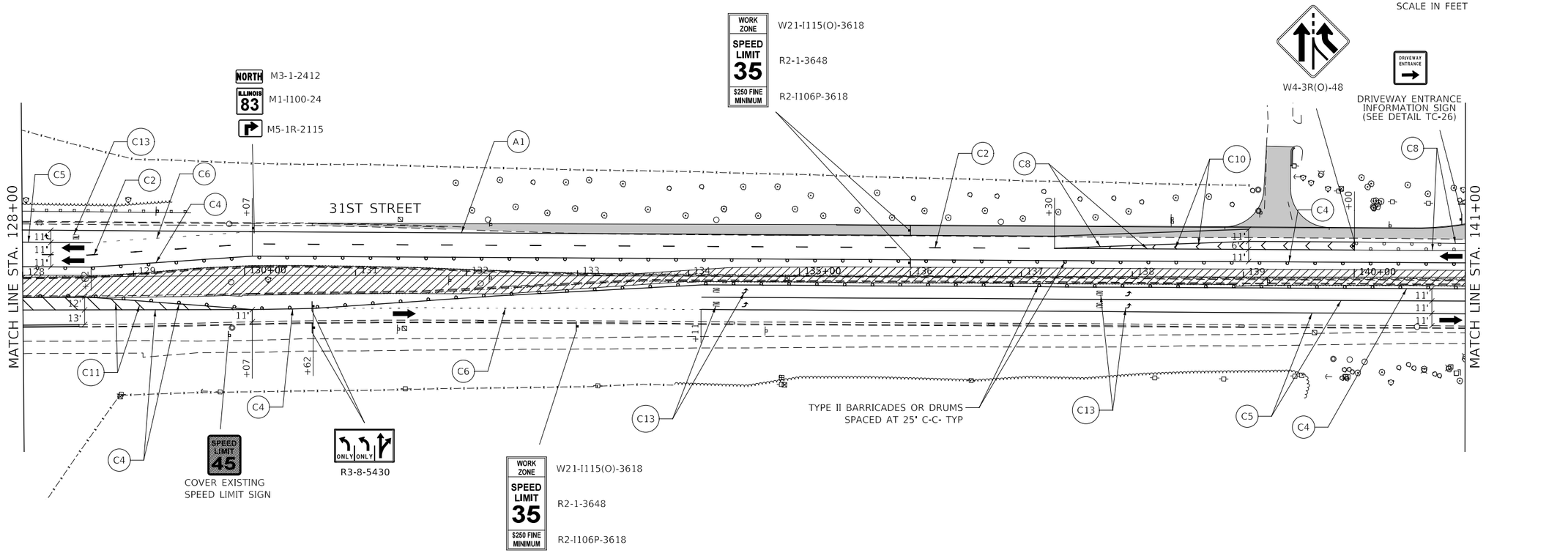
(A_) PAVEMENT MARKING TAPE, TYPE IV	(_2) 4" WHITE 10' LINE 30' SPACE	(_6) 6" WHITE 2' LINE 6' SPACE	(_10) 12" WHITE LINE
(B_) PERMANENT PAVEMENT MARKING	(_3) 4" DOUBLE YELLOW LINE 12" C-C	(_7) 6" WHITE 3' LINE 9' SPACE	(_11) 12" YELLOW LINE
(C_) TEMPORARY PAVEMENT MARKING	(_4) 4" YELLOW LINE	(_8) 8" WHITE LINE	(_12) 24" WHITE LINE
(_1) 4" WHITE LINE	(_5) 6" WHITE LINE	(_9) 8" WHITE 3' LINE 9' SPACE	(_13) LETTERS AND SYMBOLS

NOTES

1. SEE TEMPORARY TRAFFIC SIGNAL PLANS FOR LOCATIONS OF SIGNAL ELEMENTS DURING CONSTRUCTION.
2. LANE WIDTH DIMENSIONS ARE SHOWN FROM CENTER TO CENTER OF PAVEMENT MARKING STRIPES.

N

0 50 100 150
SCALE IN FEET



KNIGHT Engineers & Architects	DESIGNED - D.M.S.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - D.M.S.	REVISED -	
	CHECKED - D.J.C.	REVISED -	
	DATE - 09-01-2020	REVISED -	

MAINTENANCE OF TRAFFIC – STAGE 2
31ST STREET

SCALE: AS SHOWN | SHEET 3 OF 7 SHEETS | STA. 128+00 TO STA. 141+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	110
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

LEGEND

- CONSTRUCTION WORK ZONE
- CONSTRUCTION WORK ZONE CONTD FROM PREVIOUS STAGE
- PR PVMT CONSTRUCTED IN PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED THIS STAGE
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- CONSTRUCTION SIGN
- DIRECTION OF TRAFFIC
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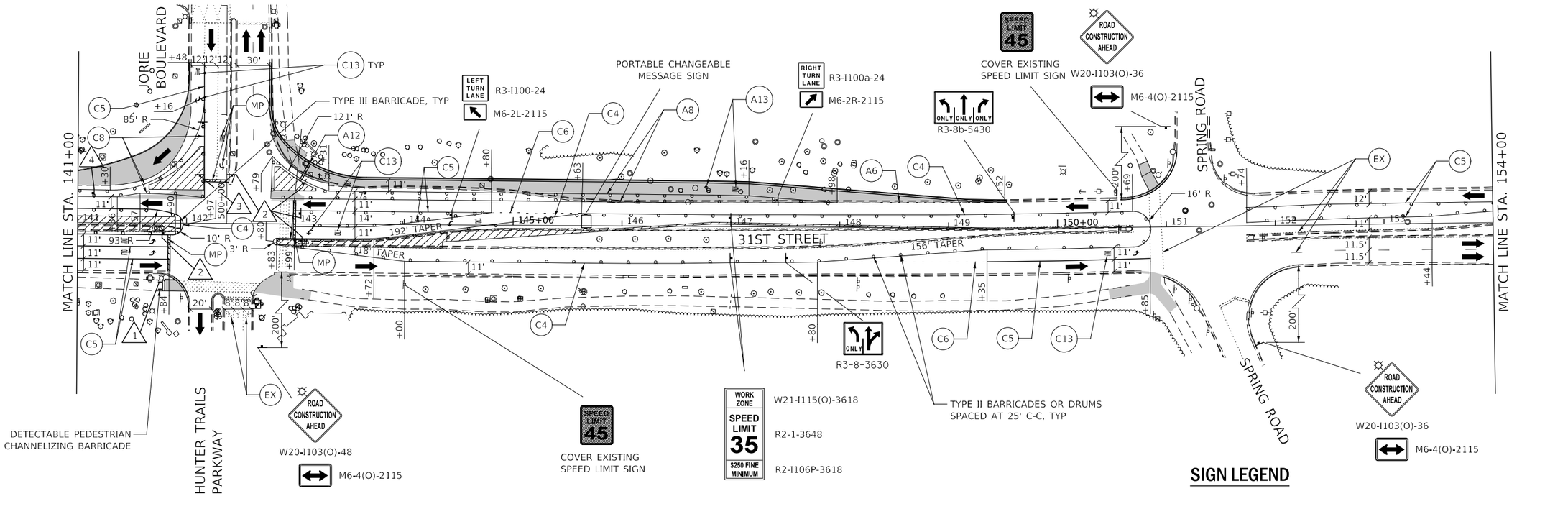
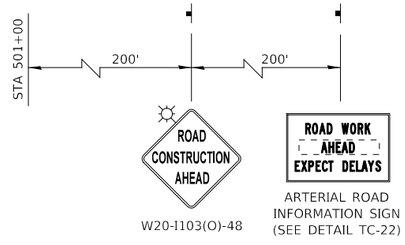
NOTES

1. SEE TEMPORARY TRAFFIC SIGNAL PLANS FOR LOCATIONS OF SIGNAL ELEMENTS DURING CONSTRUCTION.
2. LANE WIDTH DIMENSIONS ARE SHOWN FROM CENTER TO CENTER OF PAVEMENT MARKING STRIPES.

N

0 50 100 150
SCALE IN FEET





SIGN LEGEND

1. PATH CLOSED — R11-I101-2418 (SPECIAL) MOUNTED ABOVE DETECTABLE PEDESTRIAN CHANNELIZING BARRICADE WITH STEADY BURNING LIGHTS
2. STOP HERE ON RED — R10-6aR-2430
3. STOP HERE ON RED — R10-6aL-2430
4. W4-3R(O)-36

ADVANCE SIGNING FOR SB JORIE BOULEVARD

(SPACING MAY VARY DUE TO FIELD CONDITIONS)

KNIGHT Engineers & Architects

DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC – STAGE 2
31ST STREET

SCALE: AS SHOWN | SHEET 4 OF 7 SHEETS | STA. 141+00 TO STA. 154+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	111
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

LEGEND

- CONSTRUCTION WORK ZONE
- CONSTRUCTION WORK ZONE CONTD FROM PREVIOUS STAGE
- PR PVMT CONSTRUCTED IN PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED THIS STAGE
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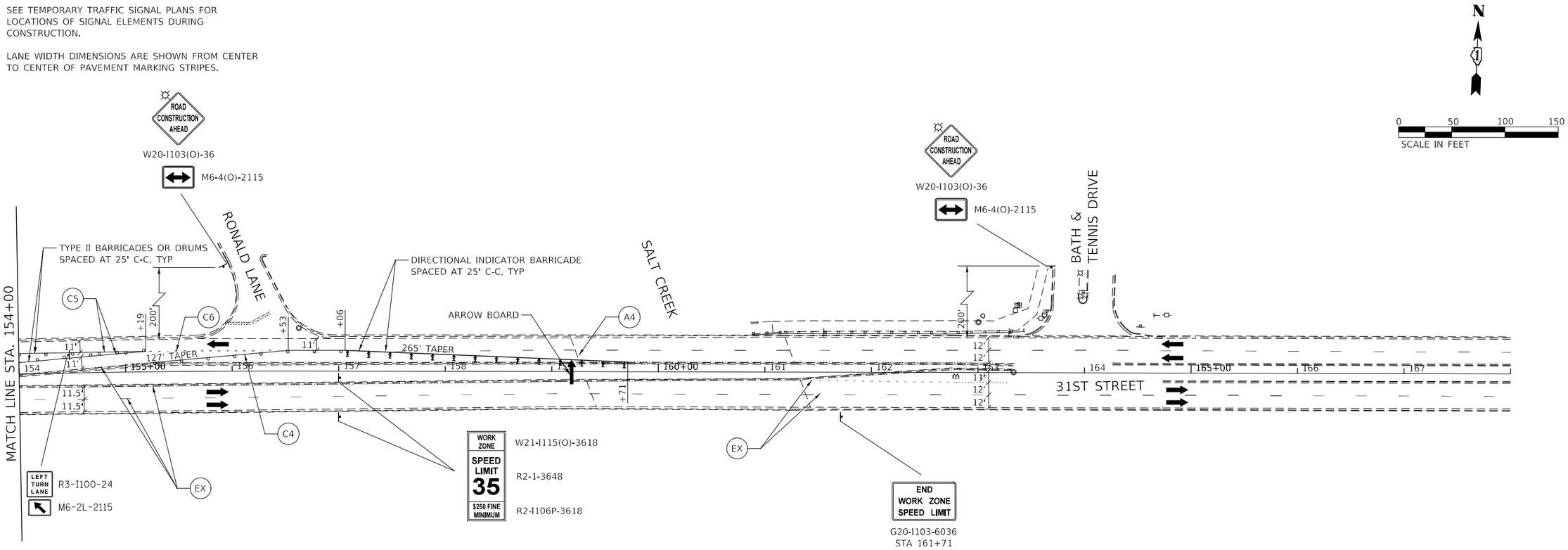

ADVANCE SIGNING FOR WB 31ST STREET

(SPACING MAY VARY DUE TO FIELD CONDITIONS)

KNIGHT Engineers & Architects

DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC – STAGE 2
31ST STREET

SCALE: AS SHOWN | SHEET 5 OF 7 SHEETS | STA. 154+00 TO STA. 168+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	112
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		

LEGEND

- CONSTRUCTION WORK ZONE
- CONSTRUCTION WORK ZONE CONTD FROM PREVIOUS STAGE
- PR PVMT CONSTRUCTED IN PREVIOUS STAGE
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NOTES

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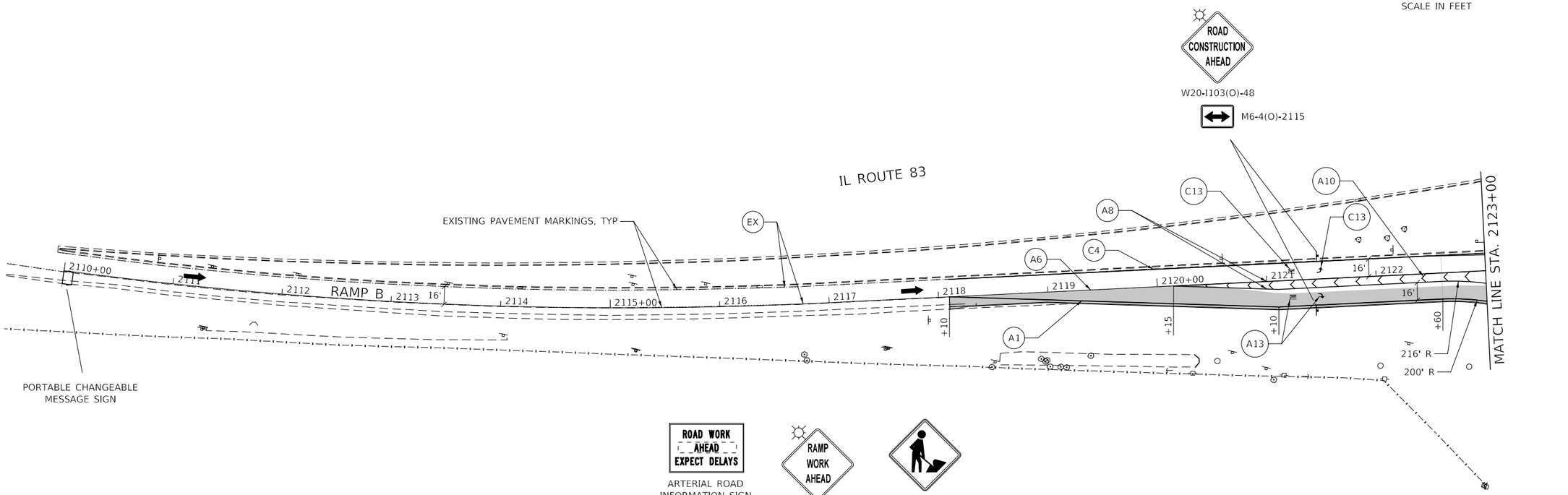
N

0 50 100 150
SCALE IN FEET



ADVANCE SIGNING FOR RAMP B

KNIGHT Engineers & Architects		DESIGNED - D.M.S.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	MAINTENANCE OF TRAFFIC – STAGE 2 IL 83 NB ENTRANCE RAMP – RAMP B	F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - D.M.S.	REVISED -			1467	14-00259-05-CH	DUPAGE	294	113
		CHECKED - D.J.C.	REVISED -					CONTRACT NO. 61G12		
		DATE - 09-01-2020	REVISED -		SCALE: AS SHOWN SHEET 6 OF 7 SHEETS STA. 2110+00 TO STA. 2123+00			ILLINOIS FED. AID PROJECT		

LEGEND

- CONSTRUCTION WORK ZONE
- CONSTRUCTION WORK ZONE CONTD FROM PREVIOUS STAGE
- PR PVMT CONSTRUCTED IN PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED THIS STAGE
- TEMP PVMT CONSTRUCTION CONTD FROM PREVIOUS STAGE
- TEMP PVMT CONSTRUCTED IN PREVIOUS STAGE
- ARROW BOARD
- TYPE III BARRICADE WITH STEADY BURNING LIGHTS
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- DIRECTIONAL INDICATOR BARRICADE W/ STEADY BURN MONODIRECTIONAL LIGHT
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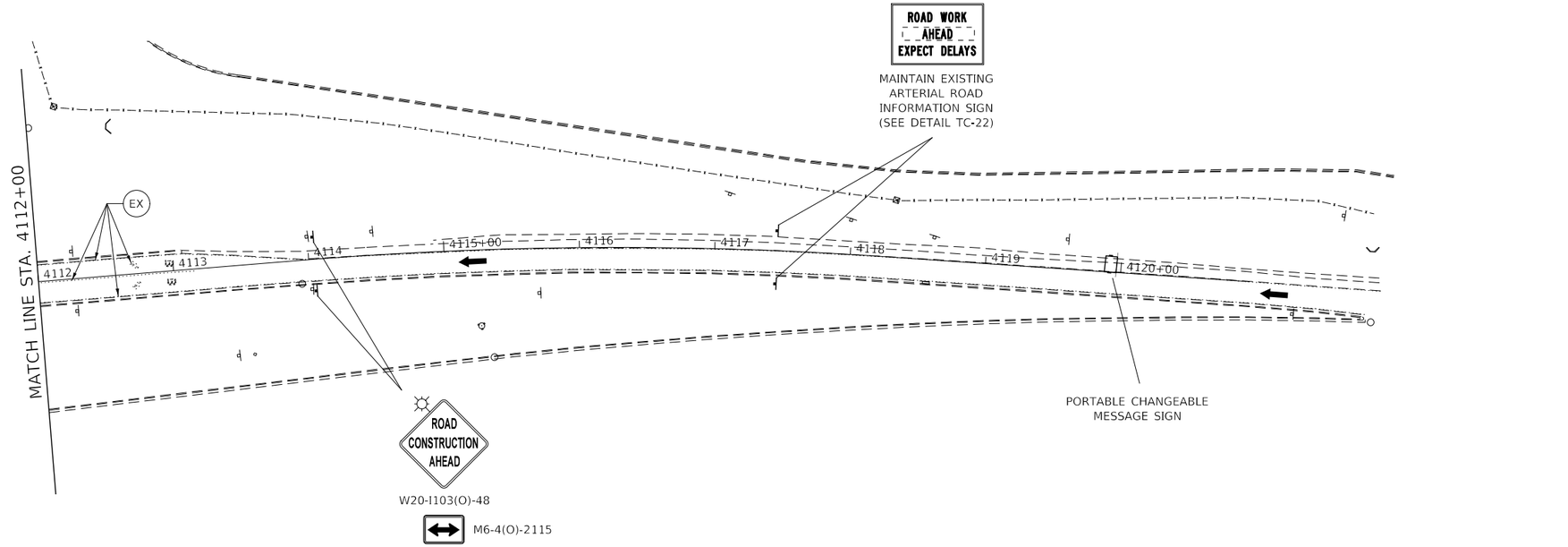
NOTES

1. SEE TEMPORARY TRAFFIC SIGNAL PLANS FOR LOCATIONS OF SIGNAL ELEMENTS DURING CONSTRUCTION.
2. LANE WIDTH DIMENSIONS ARE SHOWN FROM CENTER TO CENTER OF PAVEMENT MARKING STRIPES.



KNIGHT Engineers & Architects

	DESIGNED - D.M.S.	REVISED -	
	DRAWN - D.M.S.	REVISED -	
	CHECKED - D.J.C.	REVISED -	
	DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MAINTENANCE OF TRAFFIC – STAGE 2
IL 83 SB ENTRANCE RAMP – RAMP D

SCALE: AS SHOWN | SHEET 7 OF 7 SHEETS | STA. 4112+00 | TO STA. 4120+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	114
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

EROSION CONTROL NOTES

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH ARTICLE VII OF THE DuPAGE COUNTY COUNTYWIDE STORMWATER AND FLOOD PLAIN ORDINANCE, EFFECTIVE APRIL 2013 AND ALL SUBSEQUENT REVISIONS. ALL SEDIMENT AND EROSION CONTROL MEASURES WILL BE INSTALLED PER IDOT STANDARD 280001 OR AS SPECIFIED HEREIN AND PAID FOR IN ACCORDANCE WITH SECTION 280 OF THE STANDARD SPECIFICATIONS. ALL CONSTRUCTION ACTIVITIES WILL BE IN ACCORDANCE WITH THE NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM STORM WATER PERMITS ILR10 AND ILR40.

2. EROSION CONTROL SHALL BE PROVIDED IN ACCORDANCE WITH THE SEQUENCE OF STAGE CONSTRUCTION. THE CONTRACTOR SHALL SUBMIT A DETAILED SCHEDULE FOR APPROVAL.

3. SEDIMENT AND EROSION CONTROL DEVICES SHALL BE FUNCTIONAL BEFORE THE PROJECT SITE IS OTHERWISE DISTURBED.

4. ALL DISTURBED AREAS SHALL BE SEEDED OR SODDED AS SOON AS PRACTICAL AFTER CONSTRUCTION ACTIVITIES IN THAT AREA HAVE CONCLUDED. ALL ERODABLE/BARE AREAS SHALL BE SEEDED EVERY 7 DAYS WITH TEMPORARY EROSION CONTROL SEEDING. IF A TOPSOIL STOCKPILE IS TO REMAIN IN PLACE FOR MORE THAN THREE DAYS, EROSION CONTROL MEASURES WILL BE PROVIDED.

5. WHERE WETLANDS ARE TO REMAIN, THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS TO PROTECT WETLANDS FROM DAMAGE BY SEDIMENT, CONSTRUCTION EQUIPMENT OR BY HIS WORK CREWS. THE CONTRACTOR SHALL ASSURE THAT DEBRIS OR ANY CONSTRUCTION MATERIAL IS NOT DISPOSED OF OR STOCKPILED IN WETLANDS.

6. STOCKPILES AND MATERIAL STORAGE ARE PROHIBITED IN SPECIAL MANAGEMENT AREAS INCLUDING WETLANDS, WETLAND BUFFERS, AND FLOOD PLAINS. LOCATIONS OF STOCKPILES MUST BE APPROVED BY THE ENGINEER AND HAVE PROPER EROSION CONTROL MEASURES.

7. RECEPTACLES FOR CONSTRUCTION DEBRIS, INCLUDING CONCRETE TRUCK WASHOUT WASTE, SHALL BE PROVIDED AND MAINTAINED BY THE CONTRACTOR. THESE WILL NOT BE ALLOWED IN SPECIAL MANAGEMENT AREAS. RECEPTACLES AND THEIR LOCATIONS MUST BE APPROVED BY THE ENGINEER AND HAVE PROPER EROSION CONTROL MEASURES. THIS WORK WILL NOT BE PAID FOR SEPERATELY, BUT SHALL BE INCLUDED IN THE APPLICABLE ITEMS OF WORK.

8. HAY OR STRAW BALES WILL NOT BE ALLOWED AS PERIMITER EROSION BARRIER OR AS A DITCH CHECK.

9. WATER PUMPED OR OTHERWISE DISCHARGED FROM THE SITE DURING CONSTRUCTION DEWATERING SHALL BE FILTERED.

10. WHEN TEMPORARY DRAINAGE IS ESTABLISHED, EROSION CONTROL MEASURES MAY BE REQUIRED BY THE ENGINEER.

11. GRAVEL ROADS, ACCESS DRIVES, PARKING AREAS OF SUFFICIENT WIDTH AND LENGTH, AND VEHICLE WASH DOWN FACILITIES IF NECESSARY, SHALL BE PROVIDED TO PREVENT SOIL FROM BEING TRACKED ONTO PUBLIC OR PRIVATE ROADWAYS. ANY SOIL REACHING A PUBLIC OR PRIVATE ROADWAY SHALL BE REMOVED BEFORE THE END OF EACH WORKDAY AND AS NEEDED.

12. CLEANING OF VEHICLES AND EQUIPMENT, INCLUDING CONCRETE MIXERS, SHALL BE PERFORMED IN A MANNER TO REDUCE THE AMOUNT OF POLLUTANTS TRIBUTARY TO STORM SEWERS AND OPEN WATERS TO THE MAXIMUM EXTENT PRACTICAL.

13. ALL NECESSARY MEASURES SHALL BE TAKEN TO CONTAIN ANY FUEL OR POLLUTION RUNOFF. LEAKING EQUIPMENT OR SUPPLIES SHALL BE IMMEDIATELY REPAIRED OR REMOVED FROM THE SITE.

14. SEDIMENT COLLECTED DURING CONSTRUCTION BY THE VARIOUS TEMPORARY EROSION CONTROL SYSTEMS SHALL BE DISPOSED OF ON A REGULAR BASIS. SEDIMENT SHALL BE REMOVED FROM EROSION CONTROL SYSTEMS WHEN THE HEIGHT OF THE SEDIMENT EXCEEDS ONE-HALF OF THE HEIGHT OF THE FILTER DEVICE.

15. ALL EROSION CONTROL MEASURES SHALL BE KEPT OPERATIONAL AND MAINTAINED CONTINUOUSLY THROUGHOUT THE PERIOD OF LAND DISTURBANCE UNTIL PERMANENT SEDIMENT AND EROSION CONTROL MEASURES ARE OPERATIONAL.

16. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL STABILIZATION IS ACHIEVED.

17. THE ENGINEER SHALL INSPECT EROSION CONTROL MEASURES PERIODICALLY AND WITHIN 24 HOURS OF ANY STORM EXCEEDING ½ INCH PRECIPITATION. DAMAGED AND INEFFECTIVE EROSION CONTROL MEASURES SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR WITHIN 24 HOURS.

KNIGHT
Engineers & Architects

	DESIGNED - D.M.S.	REVISED -	
	DRAWN - D.M.S.	REVISED -	
	CHECKED - D.J.C.	REVISED -	
	DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL NOTES

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	115
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		

LEGEND:

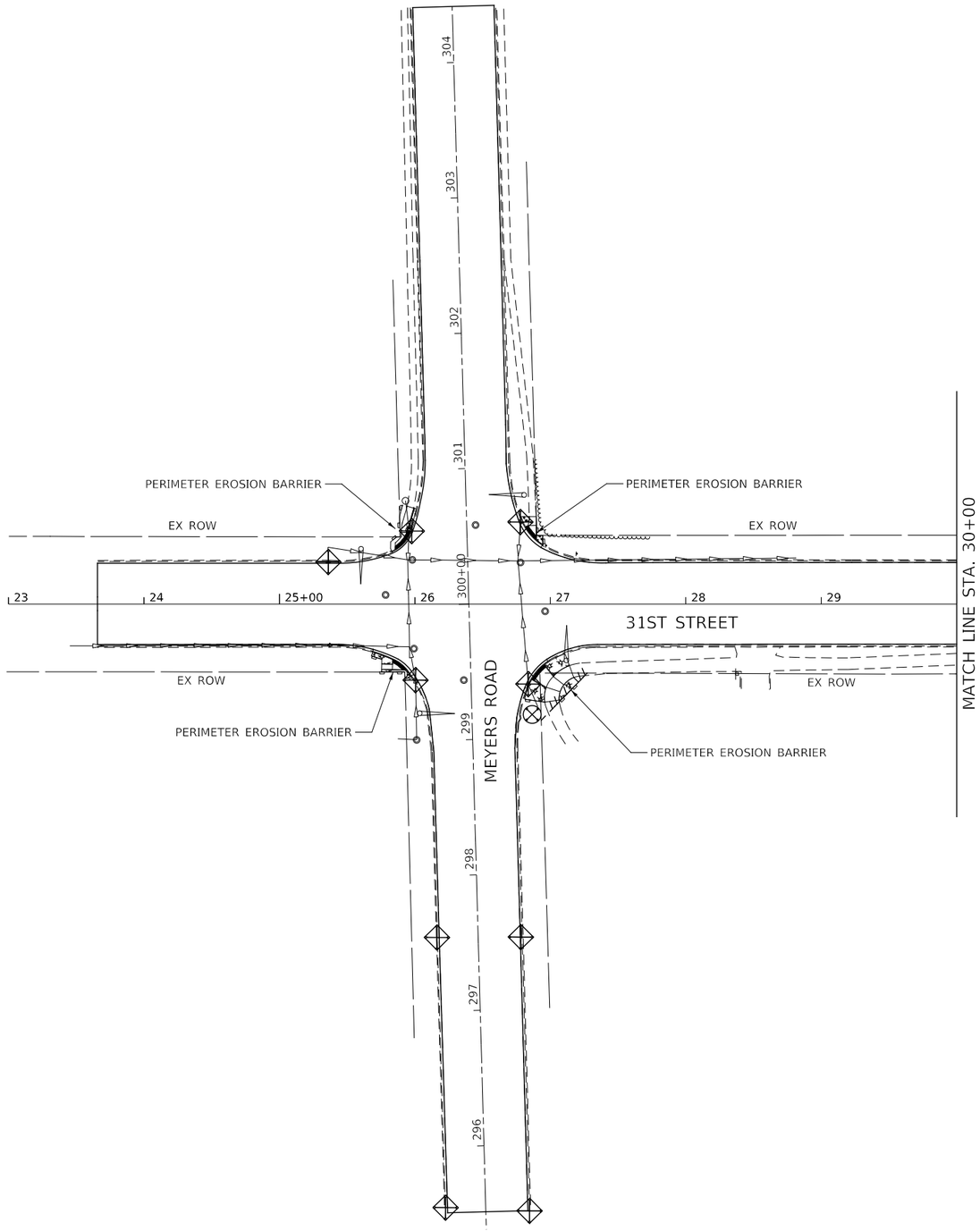
TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2

INLET FILTERS

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

DITCH FLOW



N

SCALE IN FEET
50 0 50 100

KNIGHT
Engineers & Architects

	DESIGNED - D.M.S.	REVISED -	
	DRAWN - D.M.S.	REVISED -	
	CHECKED - D.J.C.	REVISED -	
	DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 1 OF 16 SHEETS | STA. 23+00 | TO STA. 30+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	116
		CONTRACT NO. 61G12		
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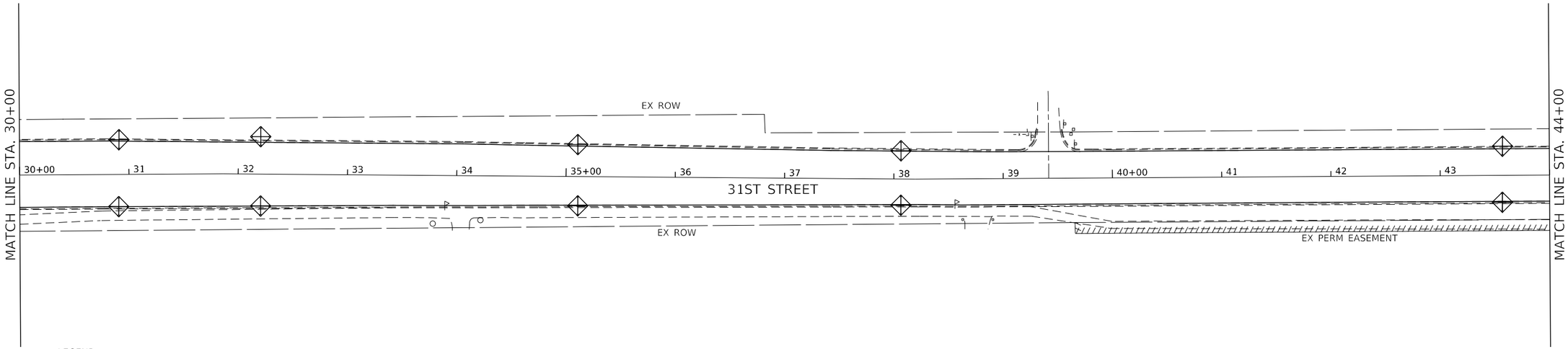
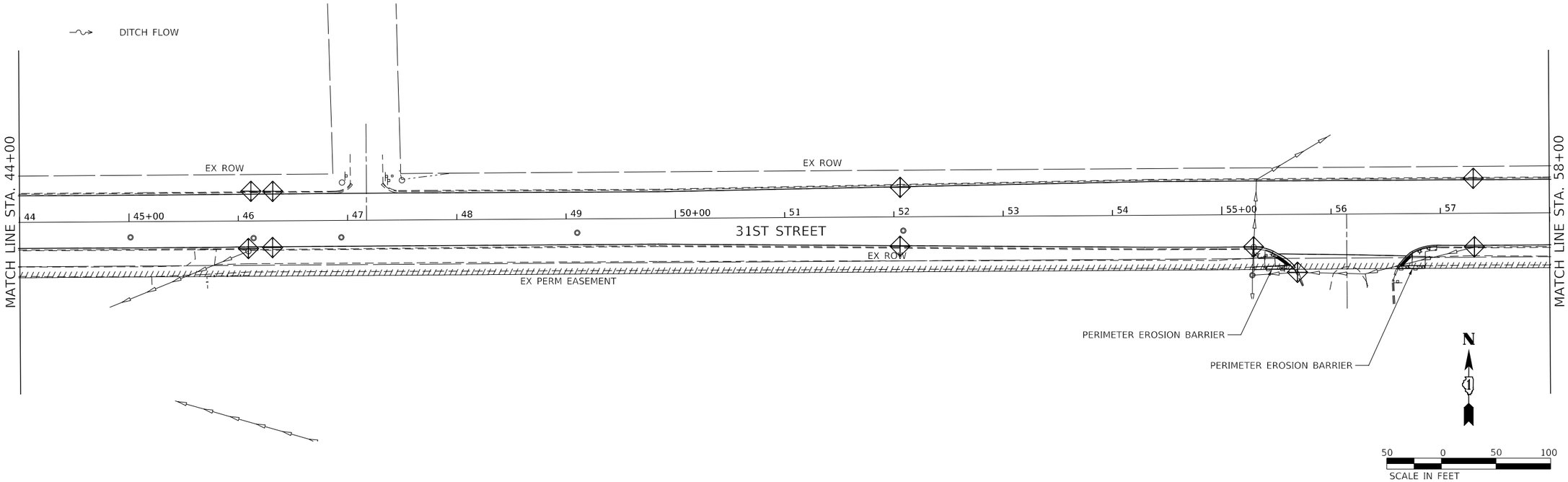


LEGEND:

- TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2
- INLET FILTERS
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- DITCH FLOW



KNIGHT
Engineers & Architects

DESIGNED -	D.M.S.	REVISED	-
DRAWN -	D.M.S.	REVISED	-
CHECKED -	D.J.C.	REVISED	-
DATE -	09-01-2020	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 2 OF 16 SHEETS | STA. 30+00 | TO STA. 58+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	117
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		

LEGEND:

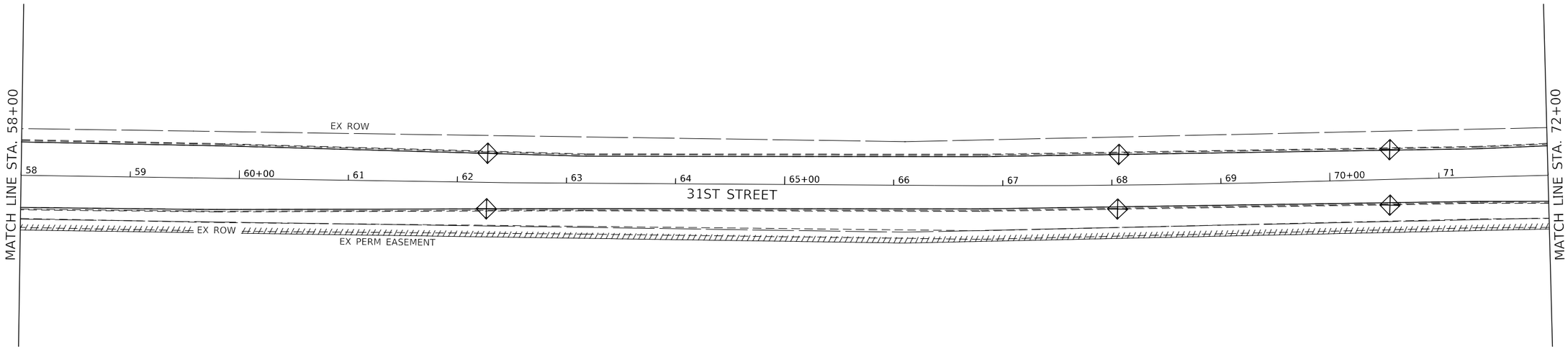
TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2

INLET FILTERS

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

DITCH FLOW



N

50 0 50 100

SCALE IN FEET

KNIGHT
Engineers & Architects

DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

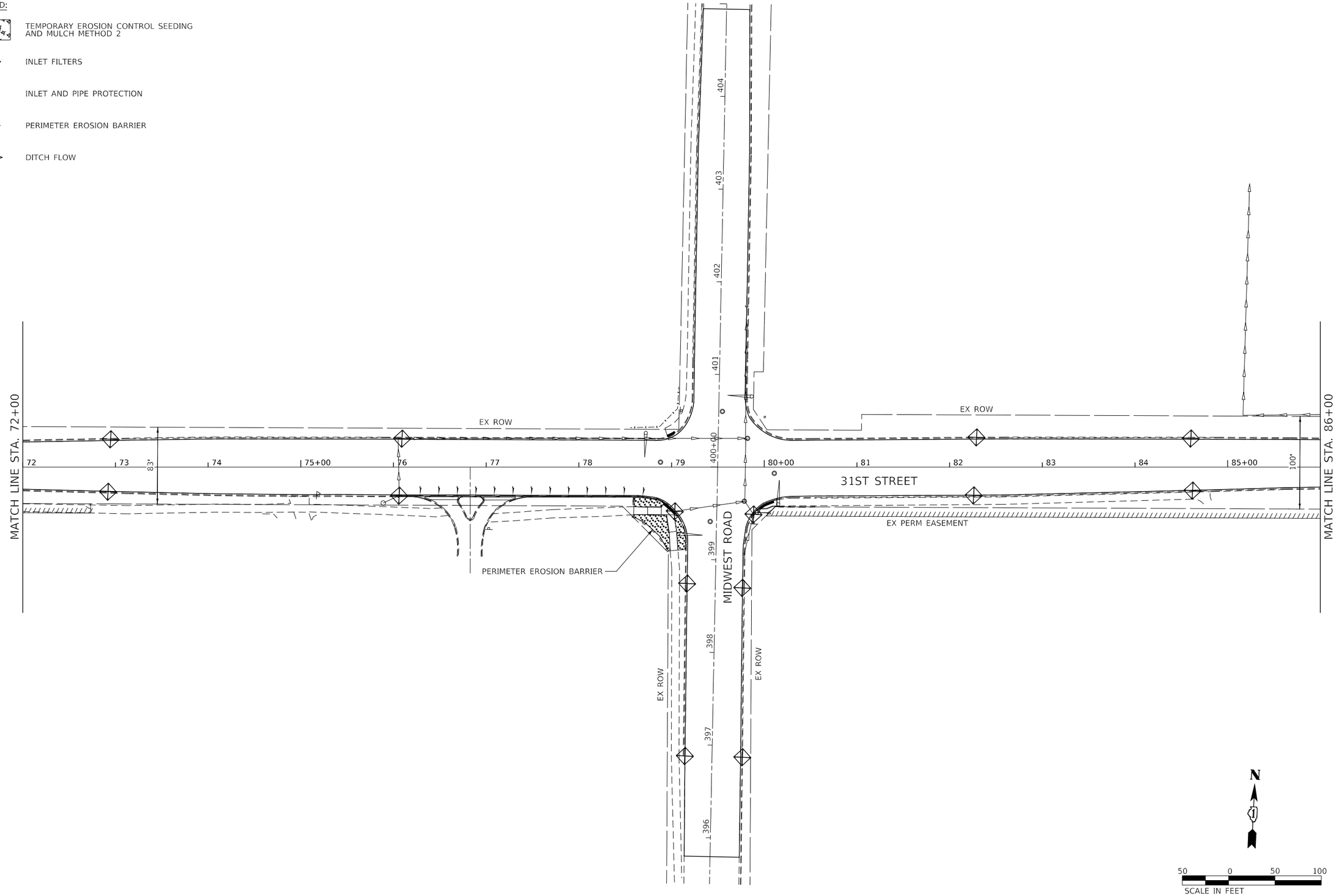
EROSION CONTROL PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 3 OF 16 SHEETS | STA. 58+00 | TO STA. 72+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	118
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

LEGEND:

- TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2
- INLET FILTERS
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- DITCH FLOW



KNIGHT
Engineers & Architects

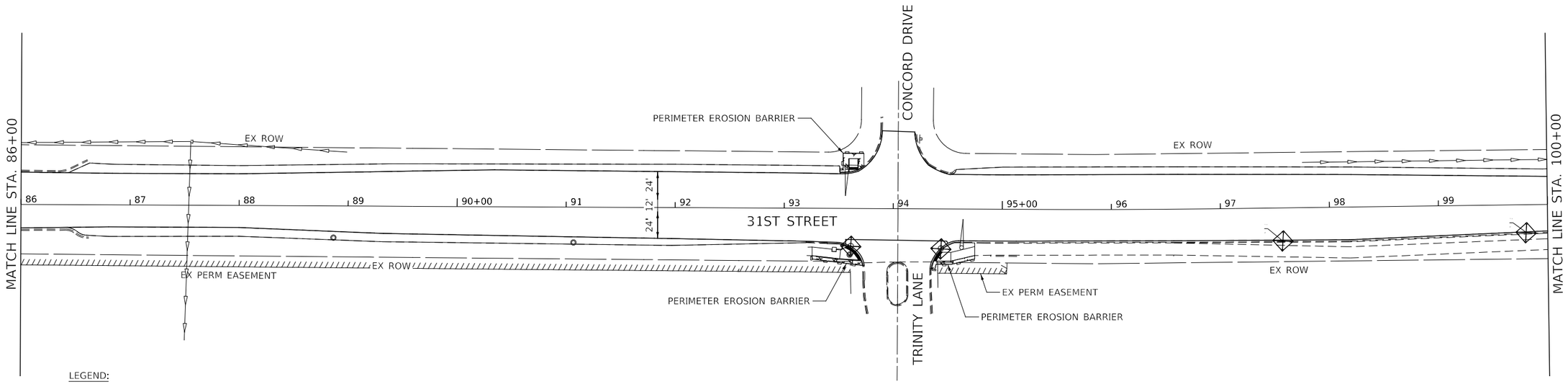
DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
31ST STREET

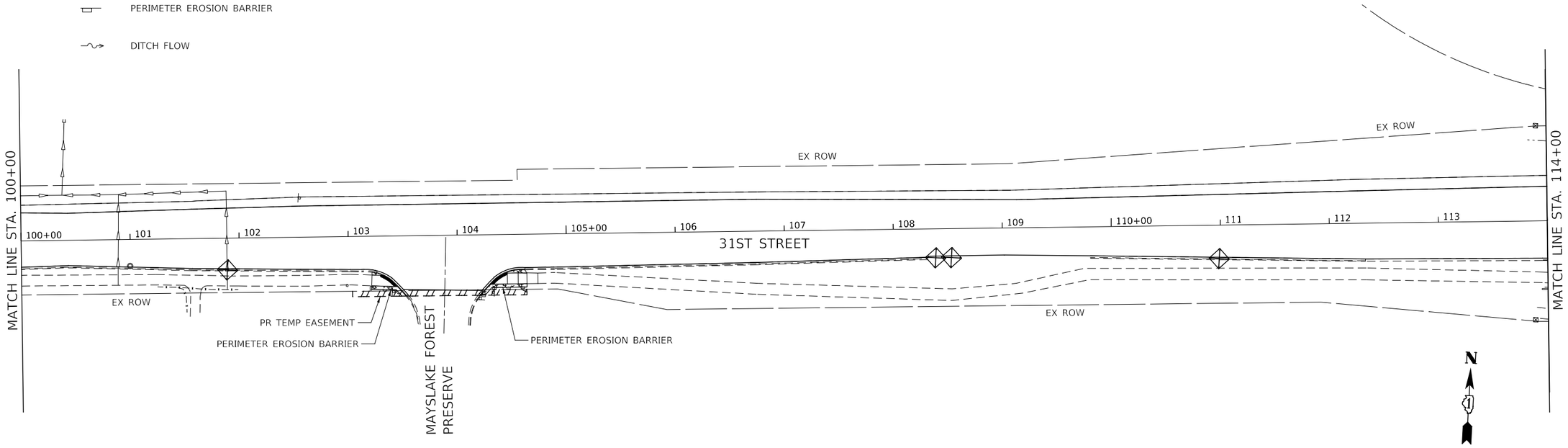
SCALE: AS SHOWN | SHEET 4 OF 16 SHEETS | STA. 72+00 | TO STA. 86+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	119
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		



LEGEND:

- TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2
- INLET FILTERS
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- DITCH FLOW



KNIGHT
Engineers & Architects

	DESIGNED - D.M.S.	REVISED -	
	DRAWN - D.M.S.	REVISED -	
	CHECKED - D.J.C.	REVISED -	
	DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 5 OF 16 SHEETS | STA. 86+00 TO STA. 114+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	120
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		

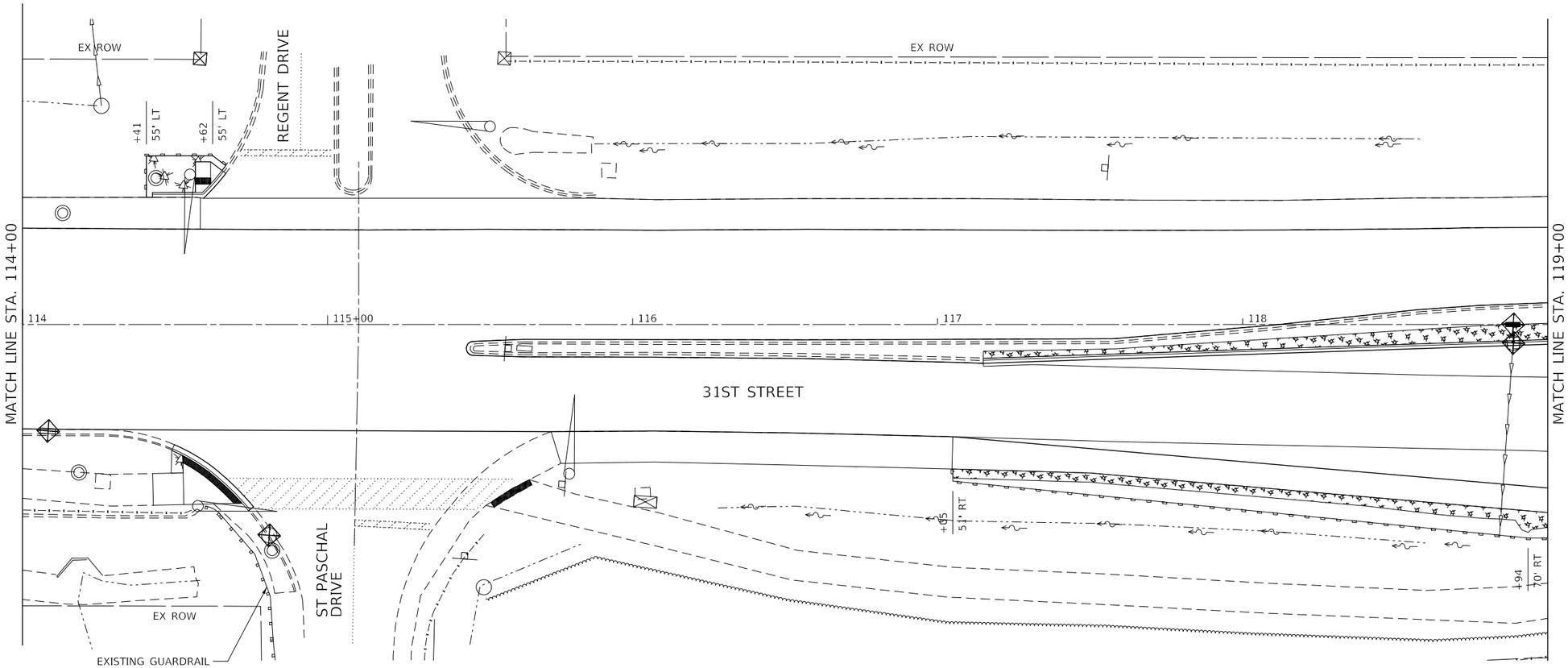
LEGEND:

TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

DITCH FLOW



N

0 20 40 60

SCALE IN FEET

KNIGHT
Engineers & Architects

	DESIGNED - D.M.S.	REVISED -	
	DRAWN - D.M.S.	REVISED -	
	CHECKED - D.J.C.	REVISED -	
	DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 6 OF 16 SHEETS | STA. 114+00 | TO STA. 119+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	121
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		

LEGEND:

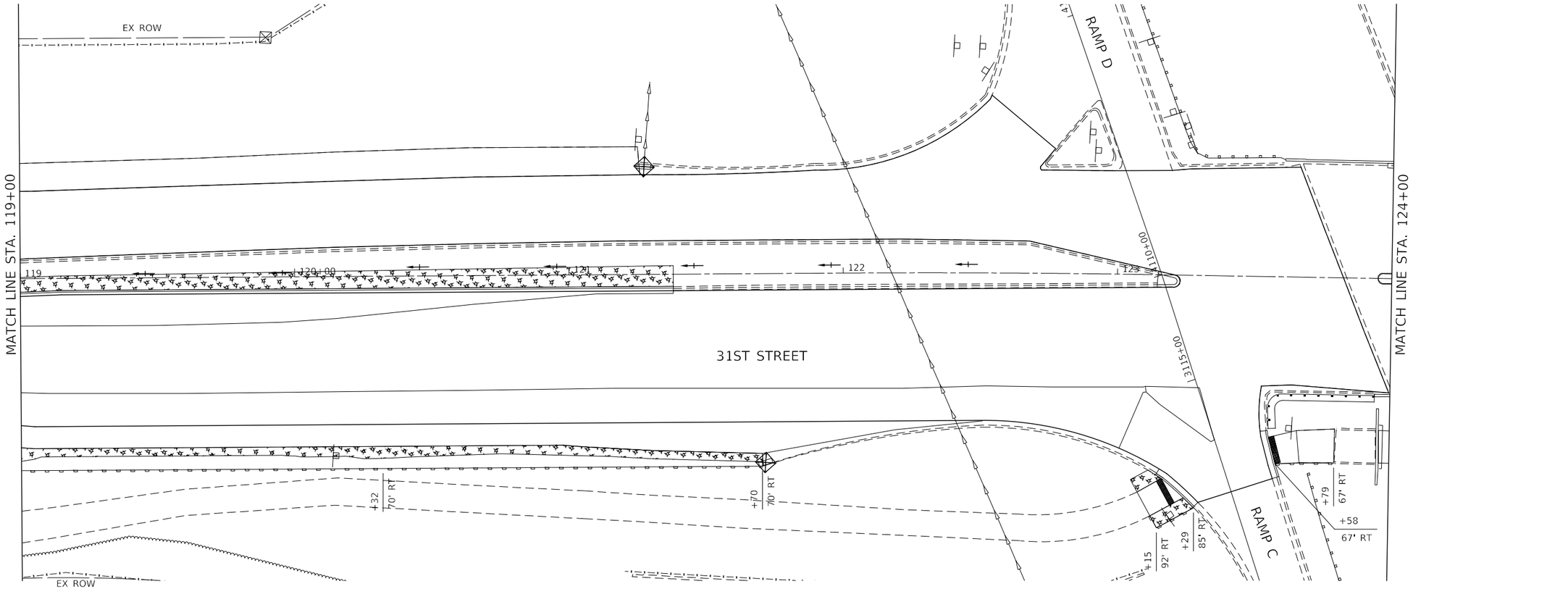
TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2

INLET FILTERS

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

DITCH FLOW



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SCALE IN FEET

KNIGHT
Engineers & Architects

DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 7 OF 16 SHEETS | STA. 119+00 | TO STA. 124+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	122
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

LEGEND:

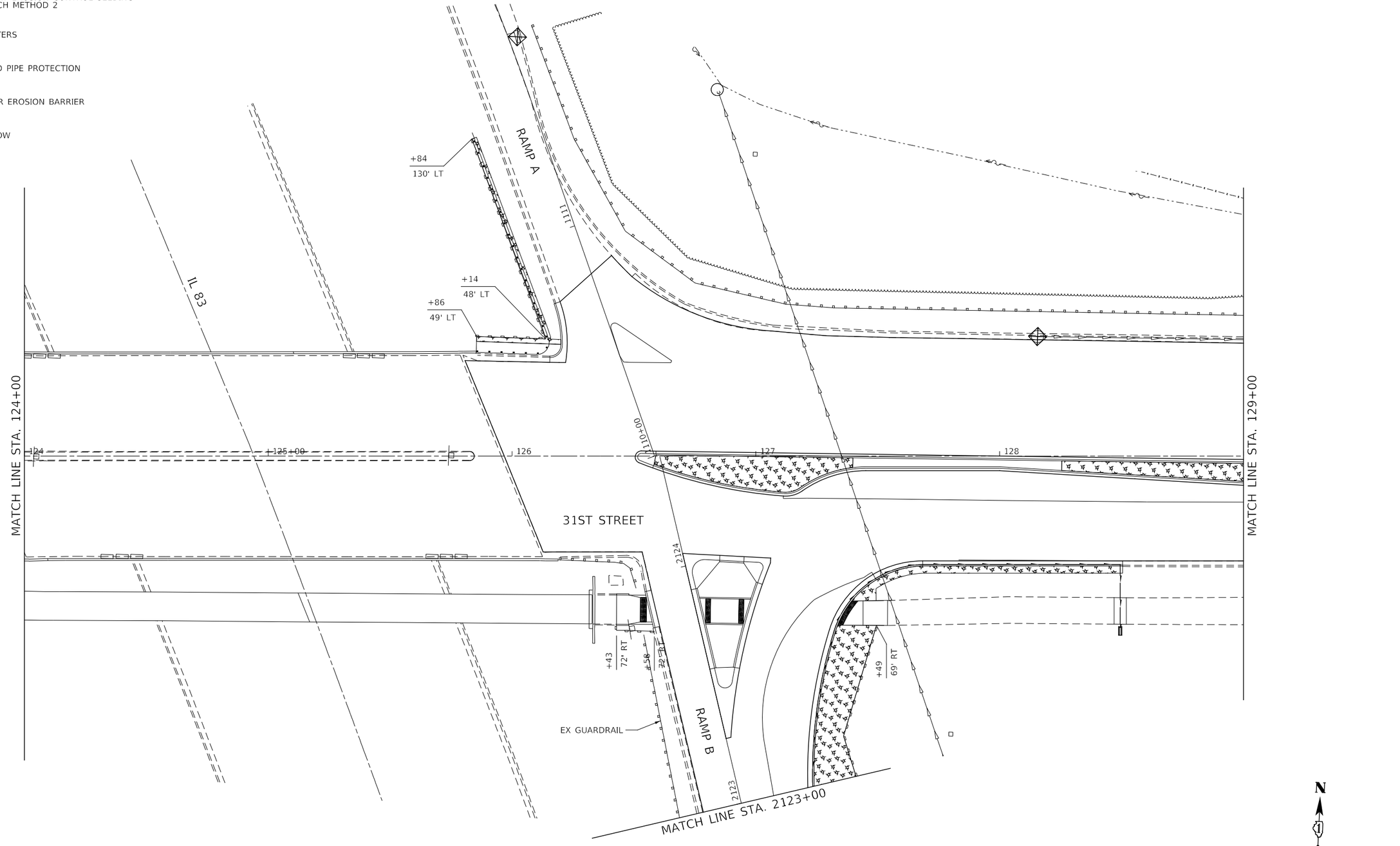
TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2

INLET FILTERS

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

DITCH FLOW



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0 20 40 60

SCALE IN FEET

KNIGHT
Engineers & Architects

DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 8 OF 16 SHEETS | STA. 124+00 | TO STA. 129+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	123
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		

LEGEND:

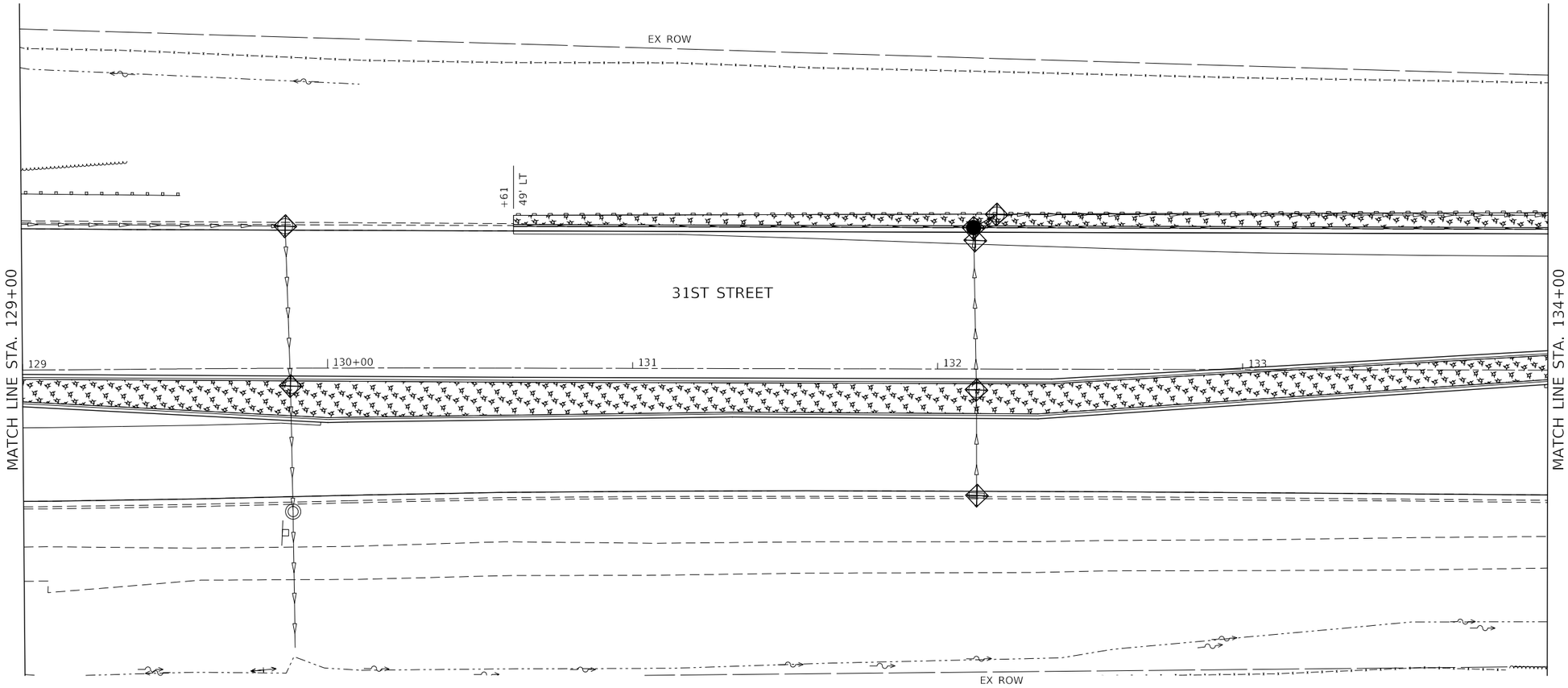
TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2

INLET FILTERS

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

DITCH FLOW



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0 20 40 60

SCALE IN FEET

KNIGHT
Engineers & Architects

DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 9 OF 16 SHEETS | STA. 129+00 | TO STA. 134+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	124
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

LEGEND:

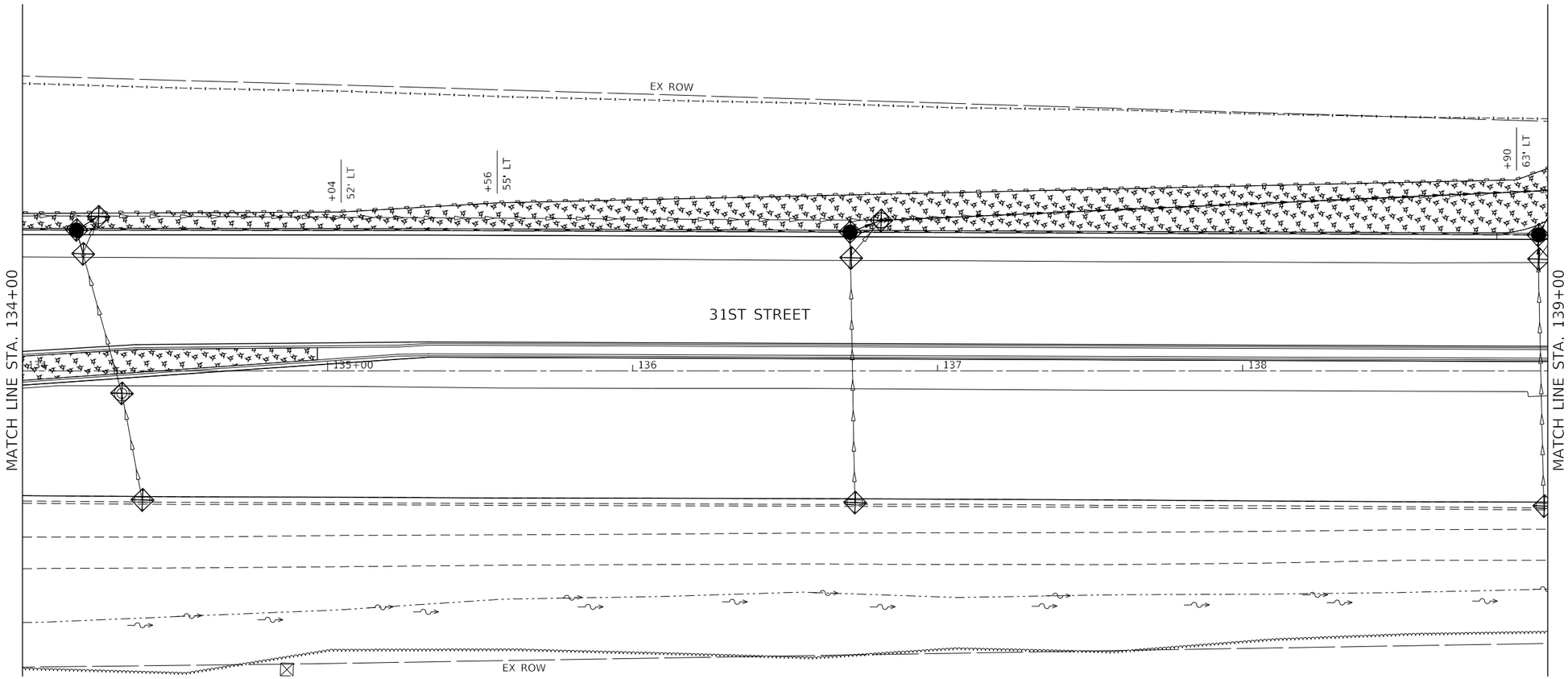
TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2

INLET FILTERS

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

DITCH FLOW



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SCALE IN FEET

KNIGHT
Engineers & Architects

DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

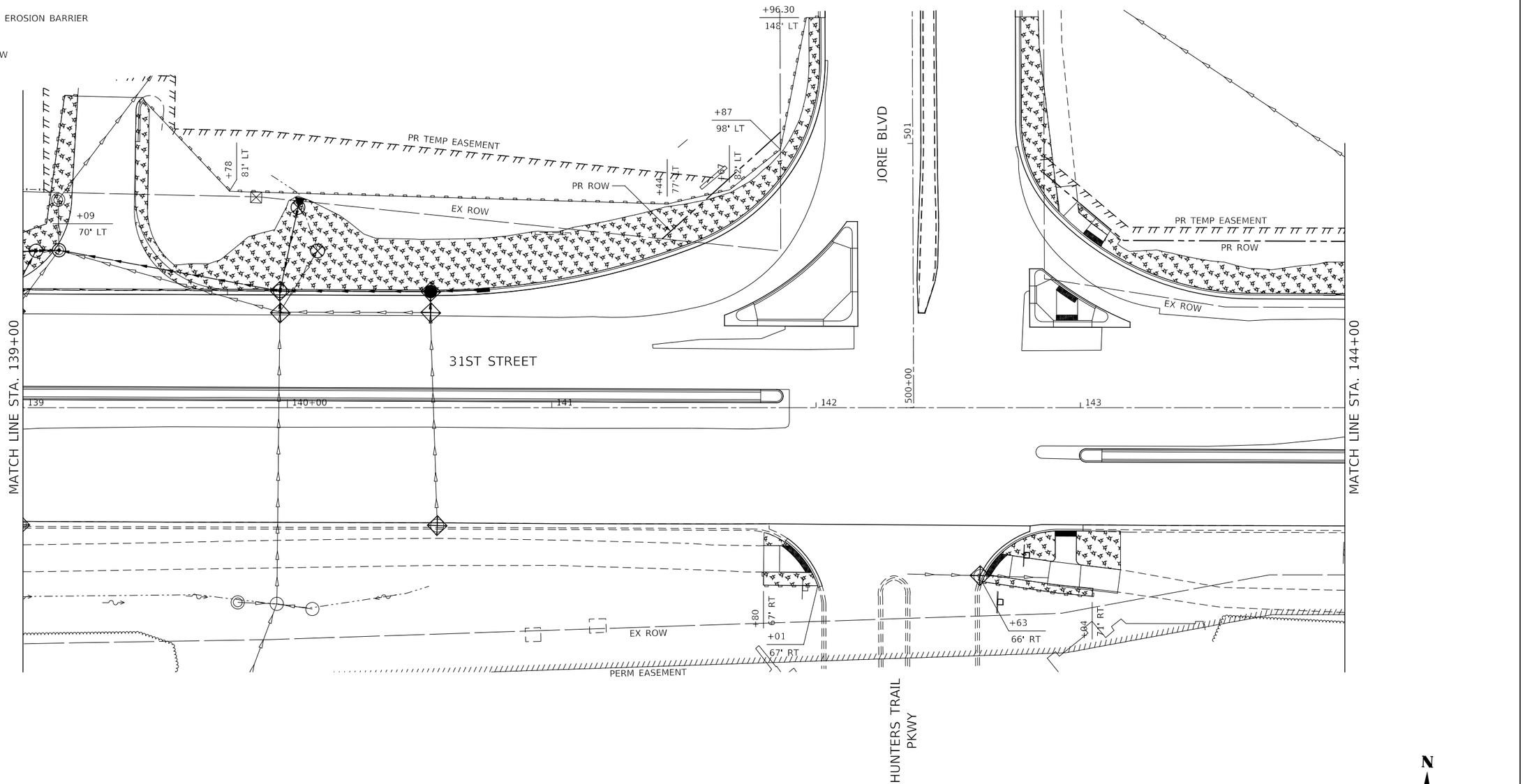
EROSION CONTROL PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 10 OF 16 SHEETS | STA. 134+00 | TO STA. 139+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	125
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

LEGEND:

- TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2
- INLET FILTERS
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- DITCH FLOW



N

0 20 40 60

SCALE IN FEET

KNIGHT
Engineers & Architects

DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 11 OF 16 SHEETS | STA. 139+00 | TO STA. 144+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	126
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

LEGEND:

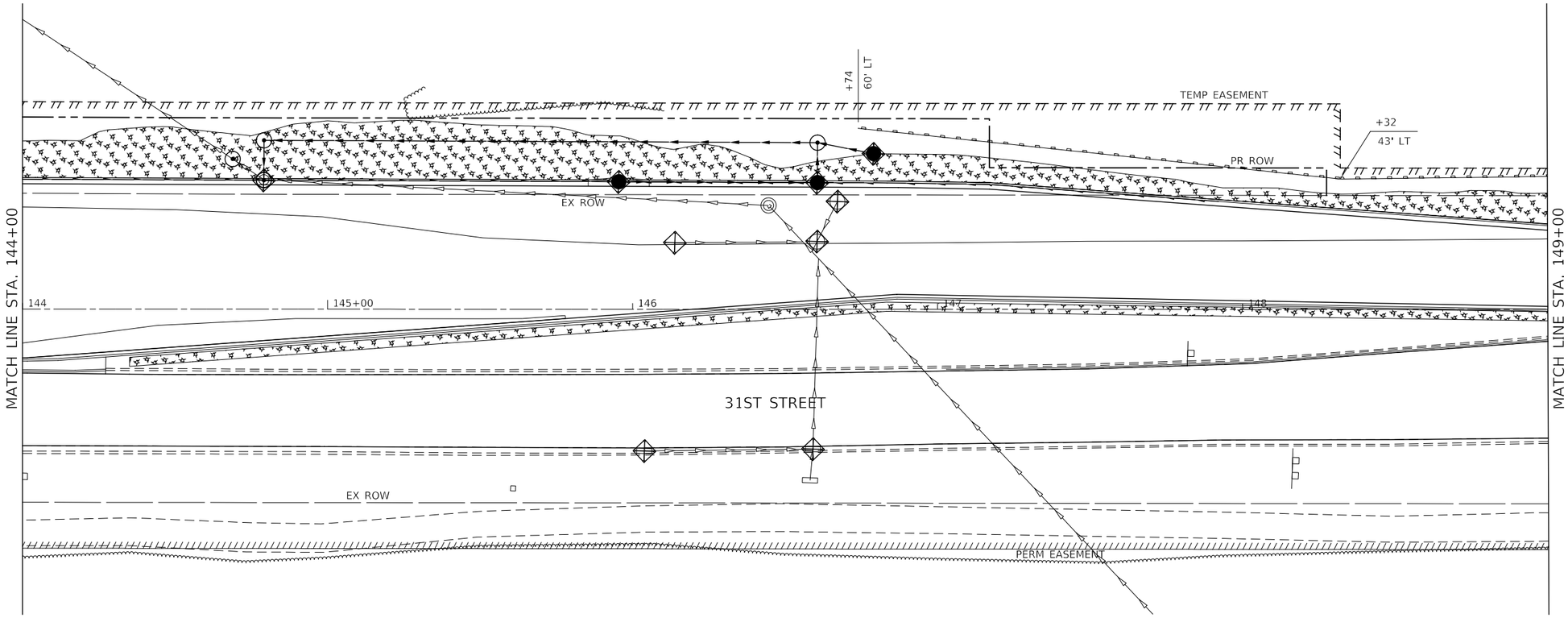
TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2

INLET FILTERS

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

DITCH FLOW



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0 20 40 60

SCALE IN FEET

KNIGHT
Engineers & Architects

	DESIGNED - D.M.S.	REVISED -	
	DRAWN - D.M.S.	REVISED -	
	CHECKED - D.J.C.	REVISED -	
	DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 12 OF 16 SHEETS | STA. 144+00 | TO STA. 149+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	127
		CONTRACT NO. 61G12		
		ILLINOIS	FED. AID PROJECT	

LEGEND:

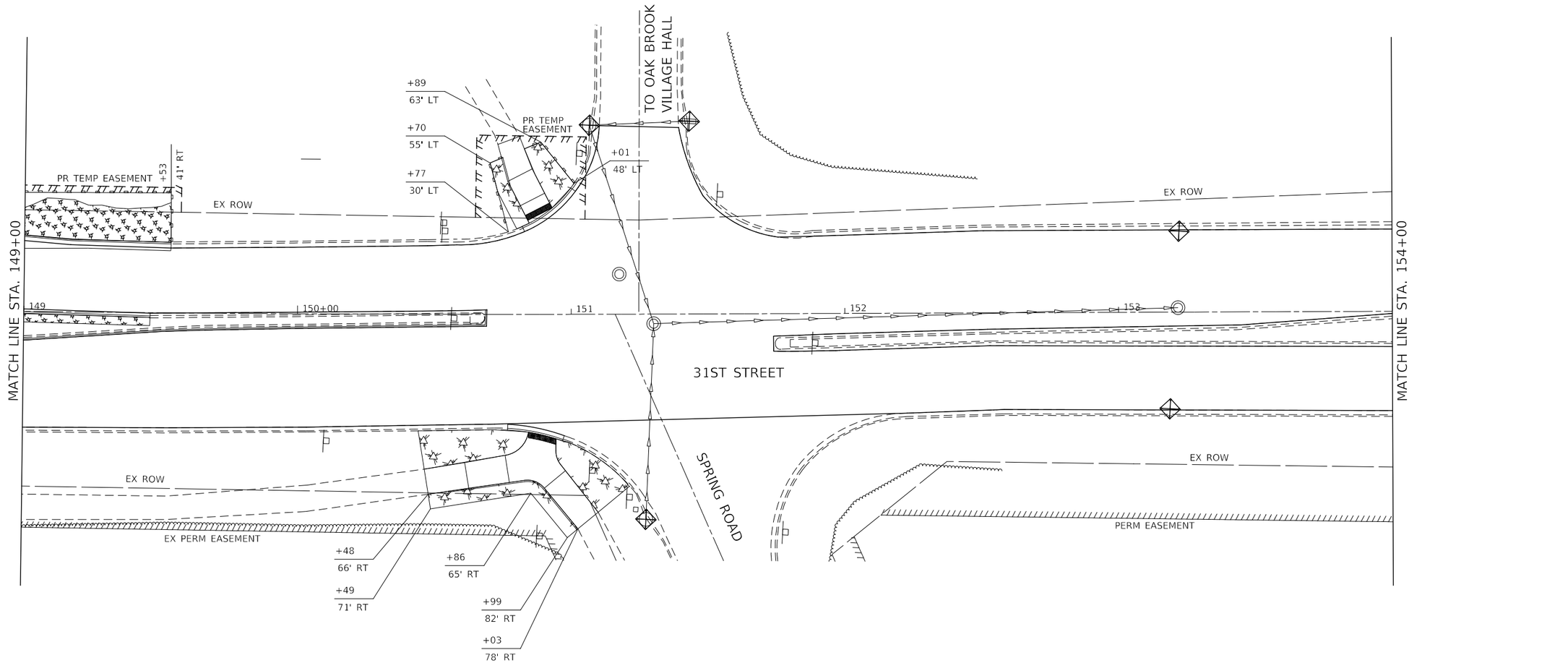
TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2

INLET FILTERS

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

DITCH FLOW



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0 20 40 60

SCALE IN FEET

KNIGHT
Engineers & Architects

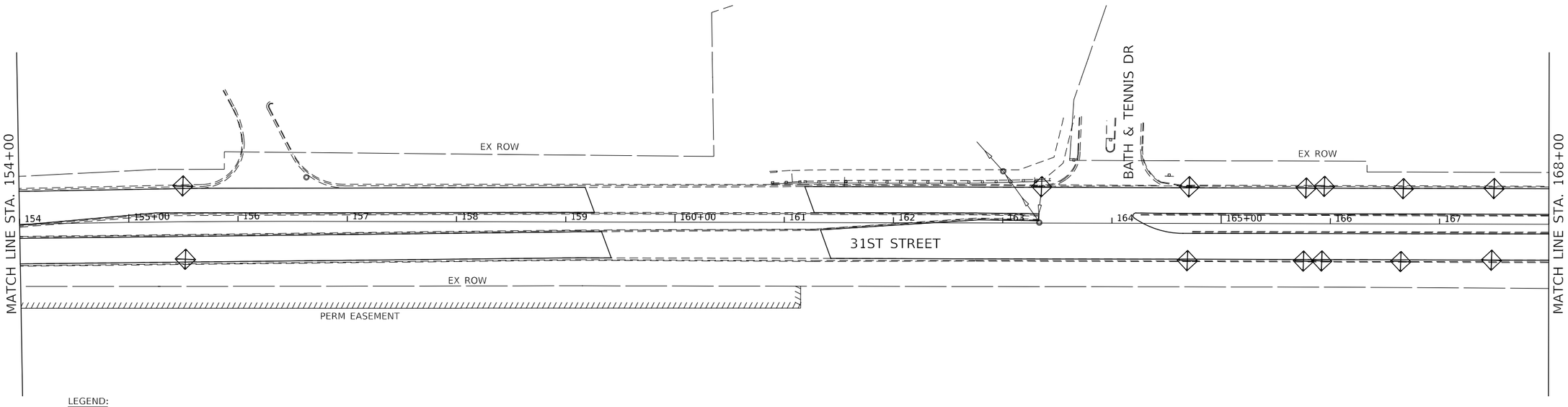
DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
31ST STREET

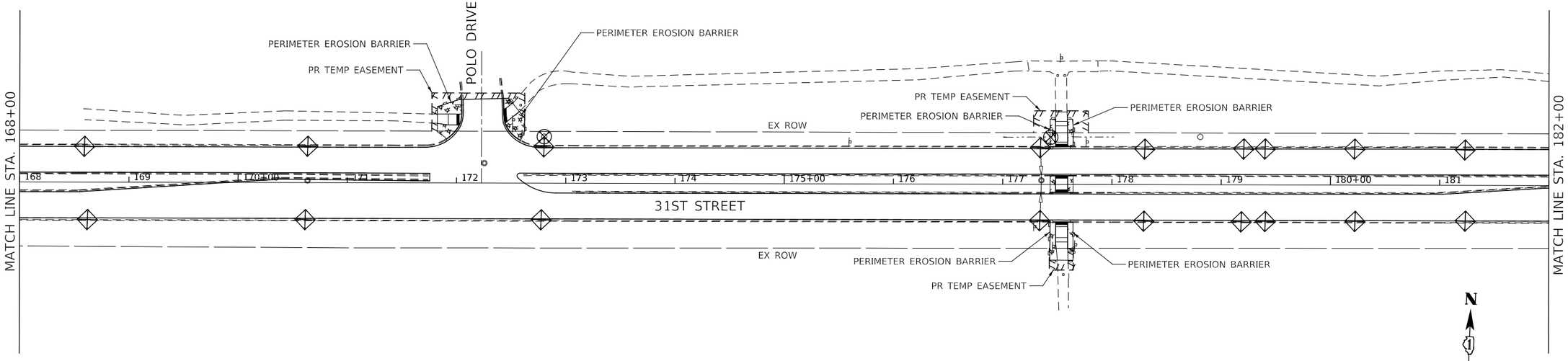
SCALE: AS SHOWN | SHEET 13 OF 16 SHEETS | STA. 149+00 | TO STA. 154+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	128
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			



LEGEND:

- TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2
- INLET FILTERS
- INLET AND PIPE PROTECTION
- PERIMETER EROSION BARRIER
- DITCH FLOW



KNIGHT
Engineers & Architects

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	DRAWN - D.M.S.	REVISED -	
	CHECKED - D.J.C.	REVISED -	
	DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 14 OF 16 SHEETS | STA. 154+00 | TO STA. 182+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	129
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		

LEGEND:

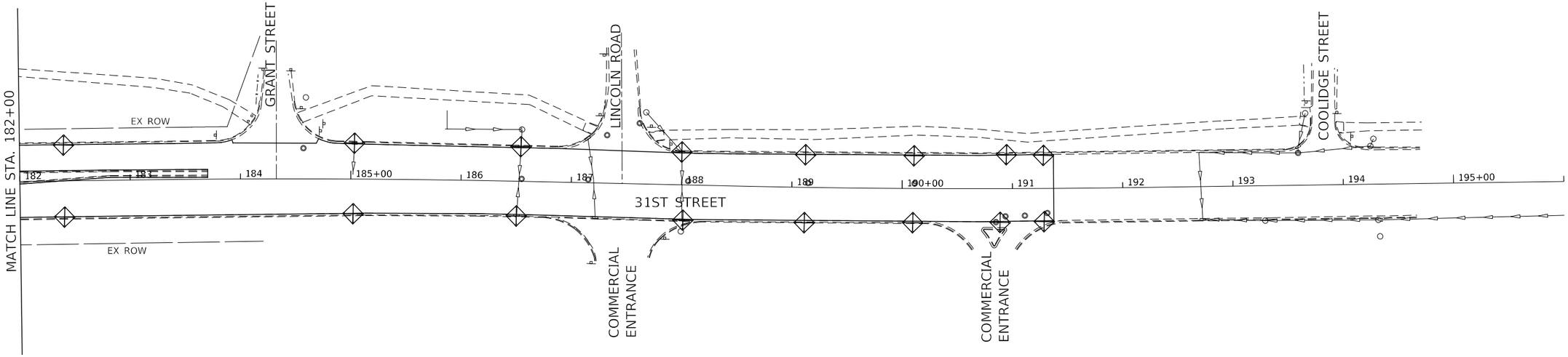
TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2

INLET FILTERS

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

DITCH FLOW



N

50 0 50 100

SCALE IN FEET

KNIGHT
Engineers & Architects

	DESIGNED - D.M.S.	REVISED -	
	DRAWN - D.M.S.	REVISED -	
	CHECKED - D.J.C.	REVISED -	
	DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 15 OF 16 SHEETS | STA. 182+00 TO STA. 196+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	130
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

LEGEND:

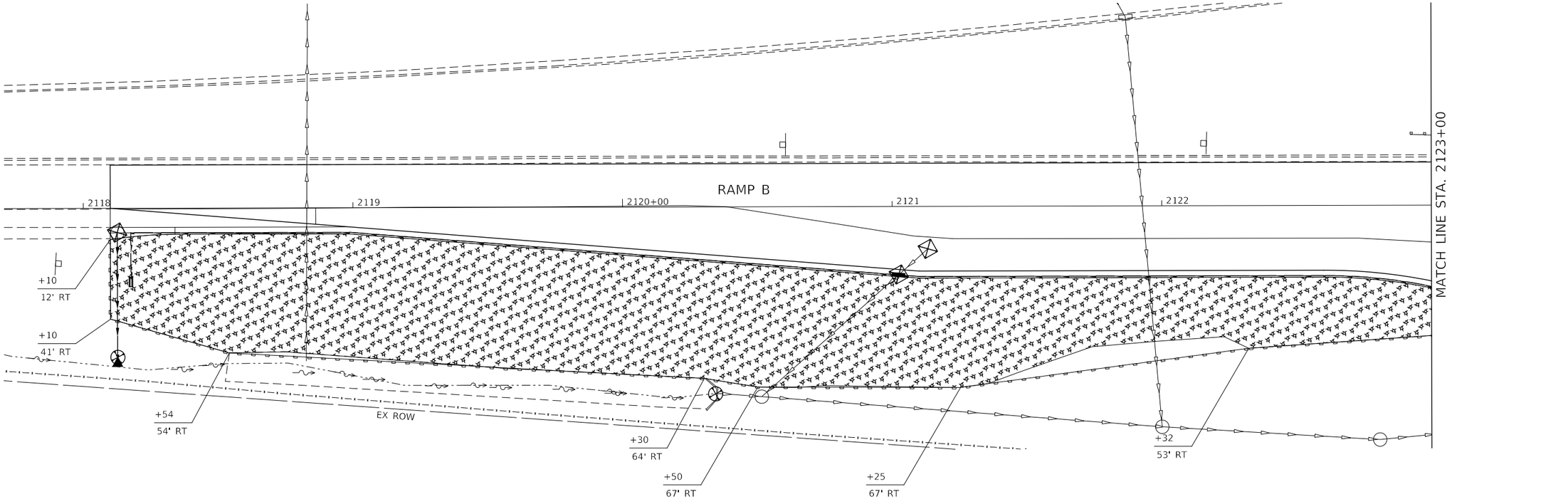
TEMPORARY EROSION CONTROL SEEDING AND MULCH METHOD 2

INLET FILTERS

INLET AND PIPE PROTECTION

PERIMETER EROSION BARRIER

DITCH FLOW



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SCALE IN FEET

KNIGHT
Engineers & Architects

	DESIGNED - D.M.S.	REVISED -	
	DRAWN - D.M.S.	REVISED -	
	CHECKED - D.J.C.	REVISED -	
	DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL PLAN
RAMP B

SCALE: AS SHOWN | SHEET 16 OF 16 SHEETS | STA. 2118+00 TO STA. 2123+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	131
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		

DRAINAGE STRUCTURE SCHEDULE

STR. NO.	LOCATION			RIM ELEVATION	INVERT				STRUCTURE TYPE		COMMENTS
	ALIGNMENT	STATION	OFFSET		N	E	S	W	PAY ITEM NUMBER	DESCRIPTION	
001	31ST STREET	118+89	0.0 LT	710.34			707.46		60238800	INLETS TA	
101									60402210	GRATES T8	
002	31ST STREET	118+89	6.1 RT	709.70	707.44				60500080	REMOV CB - MAIN FLOW	
005	31ST STREET	129+88	5.8 RT	711.50					60250500	CB ADJ NEW T1F CL	
006	31ST STREET	132+13	6.8 RT	708.00					60250500	CB ADJ NEW T1F CL	
007	31ST STREET	132+12	43.5 LT	708.11			EX704.26		60500090	REM INLET- MAIN FLOW	EX. INV. TO BE FIELD VERIFIED
008	31ST STREET	132+12	46.3 LT	708.11	703.48		704.22		60202405	CB TA 4 DIA	
108									60404940	FR & GRATES T23	
009	31ST STREET	132+19	50.6 LT	708.27		EX703.40	703.40		60255800	MAN ADJ NEW T1F CL	EX. INV. TO BE FIELD VERIFIED
012	31ST STREET	134+33	7.4 RT	704.73					60250500	CB ADJ NEW T1F CL	
013	31ST STREET	134+20	38.4 LT	704.21	700.16				60500090	REM INLET- MAIN FLOW	
014	31ST STREET	134+18	46.1 LT	704.21	699.75		700.12		60202405	CB TA 4 DIA	
114									60404940	FR & GRATES T23	
015	31ST STREET	134+25	50.8 LT	704.27		EX698.58	699.70	EX698.48	60250500	CB ADJ NEW T1F CL	EX. INV. TO BE FIELD VERIFIED
017	31ST STREET	136+71	37.5 LT	699.27	694.97				60500090	REM INLET- MAIN FLOW	
018	31ST STREET	136+71	45.5 LT	699.27	694.71		694.84		60202405	CB TA 4 DIA	
118									60404940	FR & GRATES T23	
019	31ST STREET	136+81	49.4 LT	699.13		682.16	694.33	EX693.52	60224075	MAN TA 6 DIA	EX. INV. TO BE FIELD VERIFIED
119									60406100	FR & LIDS T1 CL	
021	31ST STREET	138+97	37.0 LT	695.35	690.41				60500090	REM INLET- MAIN FLOW	
022	31ST STREET	138+97	44.6 LT	695.35	686.75		690.24		60202405	CB TA 4 DIA	
122									60404940	FR & GRATES T23	
025	31ST STREET	139+05	59.4 LT	692.49		681.49	686.66	681.49	X6020096	MH TA 6D W/2 T1FCL RP	
027	31ST STREET	140+54	36.0 LT	694.26	690.51			690.52	60500090	REM INLET- MAIN FLOW	
028	31ST STREET	140+54	43.9 LT	694.26		688.96	690.48	688.71	60202405	CB TA 4 DIA	
128									60404940	FR & GRATES T23	
028A	31ST STREET	140+74	44.5 LT	694.09				689.36	60238800	INLETS TA	
128A									60404940	FR & GRATES T23	
029	31ST STREET	139+97	36.2 LT	694.46	681.82	688.58		681.93	60500080	REMOV CB - MAIN FLOW	
030	31ST STREET	140+05	79.5 LT	683.72			684.00		54213681	PRC FLAR END SEC 36	
031	31ST STREET	139+97	44.2 LT	694.46	683.84	688.03	681.78	681.78	60224075	MAN TA 6 DIA	
131									60404940	FR & GRATES T23	
032	31ST STREET	139+14	59.6 LT	694.02	EX681.04	681.04	688.59	681.44	60255800	MAN ADJ NEW T1F CL	EX. INV. TO BE FIELD VERIFIED
035	31ST STREET	146+14	21.8 LT	694.82		690.92			60500060	REMOV INLETS	
036	31ST STREET	146+67	35.3 LT	693.38			690.28		60500050	REMOV CATCH BAS	
037	31ST STREET	146+60	22.2 LT	695.65	689.75			689.65	60500050	REMOV CATCH BAS	
038	31ST STREET	146+45	34.0 LT	694.76					60255800	MAN ADJ NEW T1F CL	
041	31ST STREET	145+95	41.7 LT	695.10		689.23			X1200023	CB A 5'D DUPG SAG F&G	
042	31ST STREET	146+61	41.5 LT	695.65	688.41			688.91	60202405	CB TA 4 DIA	
142									60404940	FR & GRATES T23	
043	31ST STREET	146+61	54.6 LT	695.84		689.66	688.37	688.37	60224125	MAN TA 7 DIA	
143									60406100	FR & LIDS T1 CL	
044	31ST STREET	144+79	55.3 LT	697.32		688.19	688.19		60224125	MAN TA 7 DIA	
144									60406100	FR & LIDS T1 CL	
045	31ST STREET	144+79	42.2 LT	694.91	688.15			EX687.98	60256930	MAN ADJ NEW T23F&G	EX. INV. TO BE FIELD VERIFIED
046	31ST STREET	144+69	49.2 LT	694.91		EX688.13		EX688.13	X6020096	MH TA 6D W/2 T1FCL RP	EX. INV. TO BE FIELD VERIFIED
047	31ST STREET	146+79	51.0 LT	694.25				689.75	60202405	CB TA 4 DIA	
147									60402210	GRATES T8	
049	RAMP B	2118+13	9.1 RT	713.16		711.16			60600095	CLASS SI CONC OUTLET	
149									60403400	GRATES TA	
051	RAMP B	2118+13	58.8 RT	700.45				700.75	60100060	CONC HDWL FOR P DRAIN	
052	RAMP B	2121+13	15.7 RT	713.54		711.94			60500050	REMOV CATCH BAS	
053	RAMP B	2121+02	25.4 RT	713.54		EX709.08		711.94	60238800	INLETS TA	EX. INV. TO BE FIELD VERIFIED
153									60404940	FR & GRATES T23	
200	RAMP B	2118+13	29.1 RT	706.53		706.53			60100060	CONC HDWL FOR P DRAIN	
201	31ST STREET	128+49	73.5 RT	712.55			712.55		60100060	CONC HDWL FOR P DRAIN	

DRAINAGE PIPE SCHEDULE

PIPE NO.	PIPE LENGTH	PIPE TYPE AND SIZE		PIPE SLOPE	TRENCH BACKFILL	COMMENTS
	(FOOT)	PAY ITEM NUMBER	DESCRIPTION		(CU YD)	
001	5	550A0050	STORM SEW CL A 1 12	0.40%	-	-
007	3	550A0050	STORM SEW CL A 1 12	1.33%	1	-
008	8	550A0340	STORM SEW CL A 2 12	1.00%	2	-
013	6	550A0050	STORM SEW CL A 1 12	0.67%	1	-
014	9	550A0340	STORM SEW CL A 2 12	0.56%	1	-
017	7	550A0340	STORM SEW CL A 2 12	1.86%	2	-
018	10	550A0340	STORM SEW CL A 2 12	3.80%	2	-
019	223	550A0480	STORM SEW CL A 2 48	0.30%	-	-
021	7	550A0340	STORM SEW CL A 2 12	2.43%	2	-
022	16	550A0340	STORM SEW CL A 2 12	0.56%	3	-
025	8	550A0410	STORM SEW CL A 2 24	0.62%	-	-
027	7	550A0050	STORM SEW CL A 1 12	0.43%	1	-
028	56	550A0340	STORM SEW CL A 2 12	1.21%	20	-
028A	20	550A0340	STORM SEW CL A 2 12	2.00%	5	-
029	7	550A0450	STORM SEW CL A 2 36	0.57%	15	-
030	32	542A1081	P CUL CL A 2 36	0.50%	4	-
031	85	550A0450	STORM SEW CL A 2 36	0.87%	33	-
041	64	550A0340	STORM SEW CL A 2 12	0.50%	24	-
042	13	550A0380	STORM SEW CL A 2 18	0.31%	2	-
043	181	550A5520	SS CL A 2 EQRS 54	0.10%	-	-
044	13	550A0380	STORM SEW CL A 2 18	0.31%	2	-
047	18	550A0340	STORM SEW CL A 2 12	0.50%	-	-
049	45	60100945	PIPE DRAINS 12	23.13%	-	

PIPE REMOVAL SCHEDULE

ALIGNMENT	TO		FROM		PAY ITEM NUMBER	DESCRIPTION	PIPE LENGTH	TRENCH BACKFILL
	STATION	OFFSET	STATION	OFFSET			(FOOT)	(CU YD)
31ST STREET	132+12	42.4 LT	132+19	50.6 LT	55100500	STORM SEWER REM 12	11	2
31ST STREET	134+20	38.4 LT	134+25	50.8 LT	55100500	STORM SEWER REM 12	13	3
31ST STREET	136+71	37.5 LT	136+81	49.4 LT	55100500	STORM SEWER REM 12	15	3
31ST STREET	136+81	49.4 LT	139+14	59.6 LT	55100700	STORM SEWER REM 15	232	0
31ST STREET	138+97	37.0 LT	139+14	59.6 LT	55100500	STORM SEWER REM 12	28	4
31ST STREET	140+54	36.0 LT	139+97	36.2 LT	55100500	STORM SEWER REM 12	56	13
31ST STREET	139+97	36.2 LT	139+14	59.6 LT	55101600	STORM SEWER REM 36	86	84
31ST STREET	140+11	59.3 LT	139+97	36.2 LT	55101600	STORM SEWER REM 36	27	23
31ST STREET	146+14	21.8 LT	146+60	22.2 LT	55100500	STORM SEWER REM 12	41	10
31ST STREET	146+67	35.3 LT	146+60	22.2 LT	55100500	STORM SEWER REM 12	18	4
RAMP B	2121+02	25.0 RT	2121+13	16.0 RT	55100500	STORM SEWER REM 12	14	0

GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING LOCAL AGENCIES MAINTAINING SANITARY SEWERS, WATERMAINS, AND STREET LIGHTS TO VERIFY THE MATERIALS AND METHODS ALLOWED FOR THE ADJUSTMENT, RELOCATION, OR EXTENSION OF THE UTILITY INVOLVED.
2. THE LOCATION AND ELEVATION OF EXISTING UTILITIES ARE APPROXIMATE AND ARE PROVIDED BY THE OWNERS. THE EXACT LOCATIONS AND ELEVATIONS ARE TO BE VERIFIED BY THE CONTRACTOR THROUGH THE OWNERS OF THE UTILITIES.
3. ADJUSTMENT OF STRUCTURES MAINTAINED BY OTHER AGENCIES SHALL BE MADE TO THE SATISFACTION OF THE ENGINEER AND THE AGENCY MAINTAINING THE STRUCTURE INVOLVED.
4. ALL MANHOLES AND INLETS SHALL HAVE POURED INVERTS.
5. ALL FIELD TILES ENCOUNTERED SHALL BE CAREFULLY PRESERVED AND CONNECTED TO PROPOSED DRAINAGE STRUCTURES, SEWERS, OR DITCHES, AS DIRECTED BY THE ENGINEER;
6. TRENCHES CROSSING TRAFFIC LANES MAY BE TEMPORARILY PATCHED WITH NOT LESS THAN FOUR (4) INCHES HMA. THE TEMPORARY PATCH SHALL BE MAINTAINED TO THE SATISFACTION OF THE ENGINEER UNTIL THE PERMANENT PATCH IS COMPLETED.
7. THE STATION / OFFSET / ELEVATIONS NOTED FOR ALL DRAINAGE STRUCTURES LOCATED IN THE CURB LINE REFER TO THE POSITION OF THE ADJACENT PROPOSED EDGE OF PAVEMENT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE OFFSET NECESSARY FOR THE STRUCTURES TO SET THE FRAME AND GRATES IN THE PROPER LOCATION. ALL OTHER STRUCTURES ARE DIMENSIONED TO THE CENTER OF THE STRUCTURE; ELEVATION INDICATES RIM GRADES.
8. EMBANKMENTS SHALL BE COMPLETED TO THE SATISFACTION OF THE ENGINEER PRIOR TO EXCAVATION FOR STORM SEWER.
9. WHERE TRENCH BACKFILL IS REQUIRED, THE MATERIAL USED SHALL BE COMPACTED AS SPECIFIED IN ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS USING METHOD ONE.

UNDERDRAIN PIPE SCHEDULE										
PIPE UNDERDRAIN NO.	FROM			TO			PIPE LENGTH (FOOT)	PAY ITEM DESCRIPTION	PAY ITEM NUMBER	PIPE UNDRN DEPTH (FOOT)
	STRUCTURE NO.	STATION	OFFSET	STRUCTURE NO.	STATION	OFFSET				
201	HIGH	130+61	46.5 LT	8	132+12	46.3 LT	146	PIPE UNDERDR T 2 4	60108204	2.5
202	8	132+12	46.3 LT	14	134+18	46.1 LT	196	PIPE UNDERDR T 2 4	60108204	2.5
203	14	134+18	46.1 LT	18	136+71	45.5 LT	244	PIPE UNDERDR T 2 4	60108204	2.5
204	18	136+71	45.5 LT	22	138+97	44.6 LT	216	PIPE UNDERDR T 2 4	60108204	2.5
205	22	138+97	44.6 LT	31	139+97	44.2 LT	91	PIPE UNDERDR T 2 4	60108204	2.5
206	31	139+97	44.2 LT	28	140+54	43.9 LT	48	PIPE UNDERDR T 2 4	60108204	2.5
210	HIGH	143+92	42.6 LT	45	144+79	42.2 LT	83	PIPE UNDERDR T 2 4	60108204	2.5
211	45	144+79	42.2 LT	41	145+95	41.7 LT	107	PIPE UNDERDR T 2 4	60108204	2.5
212	41	145+95	41.7 LT	42	146+61	42.2 LT	56	PIPE UNDERDR T 2 4	60108204	2.5
213	42	146+61	42.2 LT	HIGH	147+92	35.4 LT	127	PIPE UNDERDR T 2 4	60108204	2.5
215	OUT	2118+18	25.9 RT	LOW	2118+18	9.1 RT	17	PIPE UNDERDRAIN 4 SP	60108100	2.5
216	LOW	2118+18	25.9 RT	53	2121+02	25.4 RT	281	PIPE UNDERDR T 2 4	60108204	2.5
217	53	2121+02	25.4 RT	HIGH	2123+60	53.2 RT	258	PIPE UNDERDR T 2 4	60108204	2.5
218	HIGH	2123+60	53.2 RT	LOW	128+49	44.5 RT	130	PIPE UNDERDR T 2 4	60108204	2.5
219	LOW	128+49	44.5 RT	OUT	128+49	70.3 RT	26	PIPE UNDERDRAIN 4 SP	60108100	2.5
										2.5
231	8	132+12	46.3 LT	8	132+12	46.3 LT	10	PIPE UNDERDRAIN 4 SP	60108100	2.5
232	14	134+18	46.1 LT	14	134+18	46.1 LT	10	PIPE UNDERDRAIN 4 SP	60108100	2.5
233	18	136+71	45.5 LT	18	136+71	45.5 LT	10	PIPE UNDERDRAIN 4 SP	60108100	2.5
234	22	138+97	44.6 LT	22	138+97	44.6 LT	10	PIPE UNDERDRAIN 4 SP	60108100	2.5
235	31	139+97	44.2 LT	31	139+97	44.2 LT	10	PIPE UNDERDRAIN 4 SP	60108100	2.5
236	28	140+54	43.9 LT	28	140+54	43.9 LT	5	PIPE UNDERDRAIN 4 SP	60108100	2.5
240	45	144+79	42.2 LT	45	144+79	42.2 LT	5	PIPE UNDERDRAIN 4 SP	60108100	2.5
241	41	145+95	41.7 LT	41	145+95	41.7 LT	10	PIPE UNDERDRAIN 4 SP	60108100	2.5
242	42	146+61	42.2 LT	42	146+61	42.2 LT	10	PIPE UNDERDRAIN 4 SP	60108100	2.5
245	53	2121+02	25.4 RT	53	2121+02	25.4 RT	10	PIPE UNDERDRAIN 4 SP	60108100	2.5

NOTES

1. PIPE UNDERDRAIN, 4 SP ITEMS THAT ORIGINATE/END AT SAME STRUCTURE ARE CONNECTION STUBS FOR PIPE UNDERDRN T 2 4 TO TIE INTO STORM SEWER STRUCTURES.

2. PIPE UNDERDRAINS SHALL BE INSTALLED ACCORDING TO SECTION 601 OF THE SSRBC AND STANDARD 601001-05. TOP OF PIPE UNDERDRAINS SHALL BE PLACED MINIMUM 6" BELOW THE AGGREGATE SUBGRADE IMPROVEMENT LAYER.

KNIGHT
Engineers & Architects

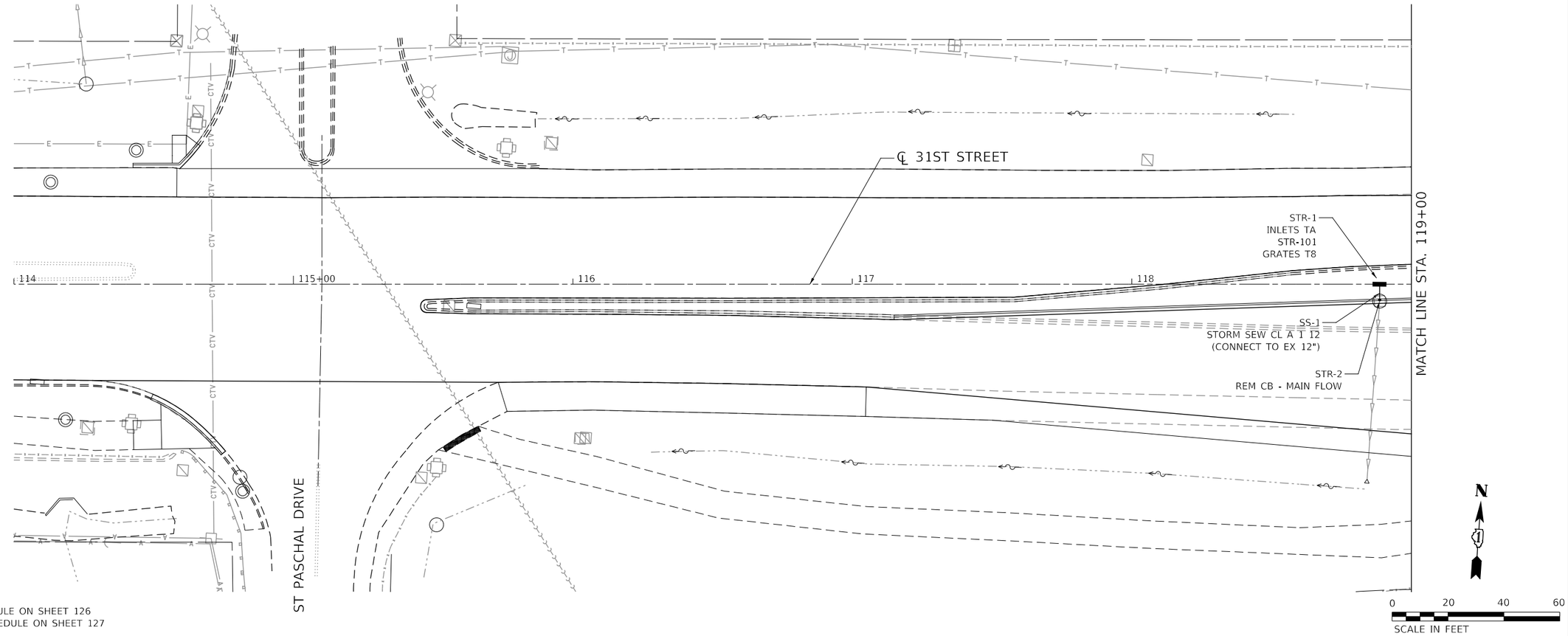
DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED UNDERDRAIN SCHEDULE
31ST STREET

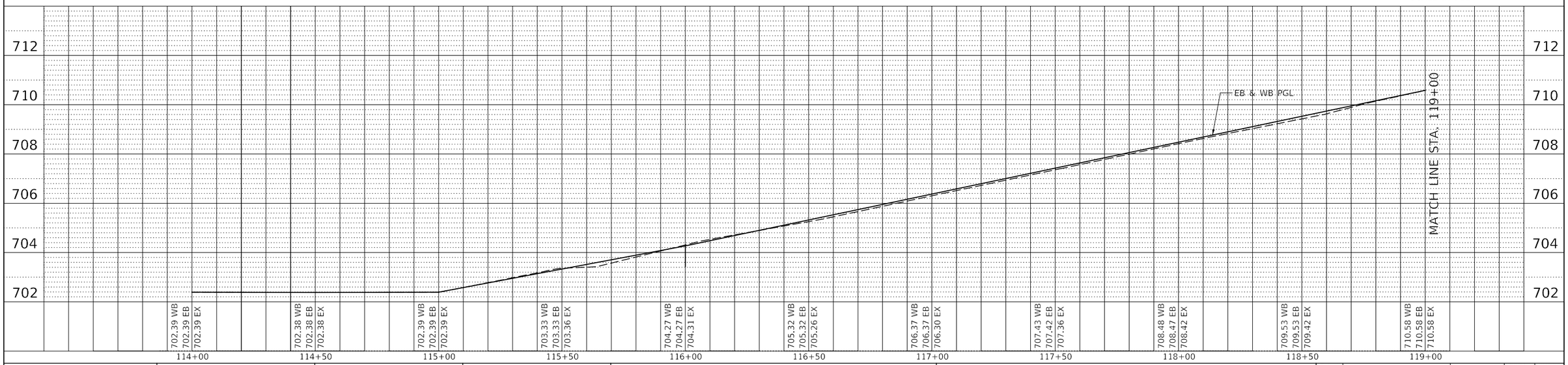
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	133
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		



NOTES:

1. REFER TO DRAINAGE SCHEDULE ON SHEET 126
2. REFER TO UNDERDRAIN SCHEDULE ON SHEET 127



KNIGHT
Engineers & Architects

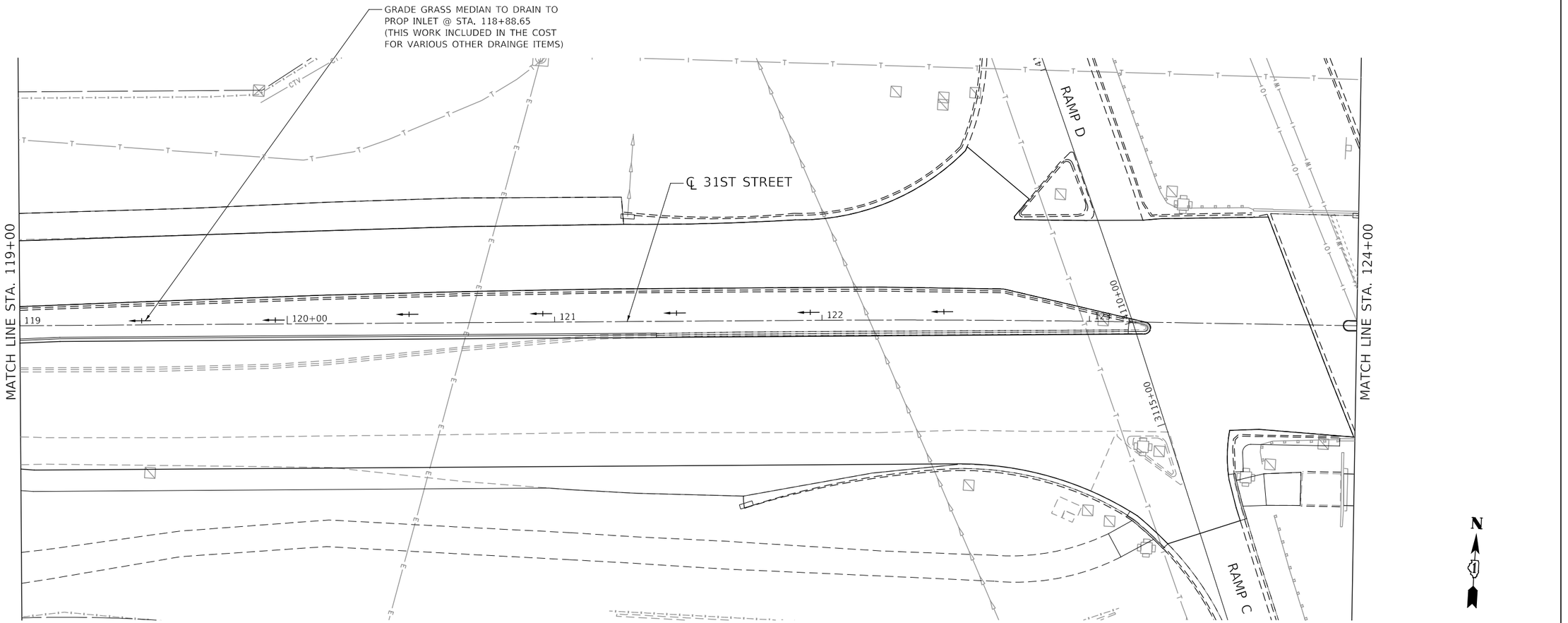
DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
31ST STREET

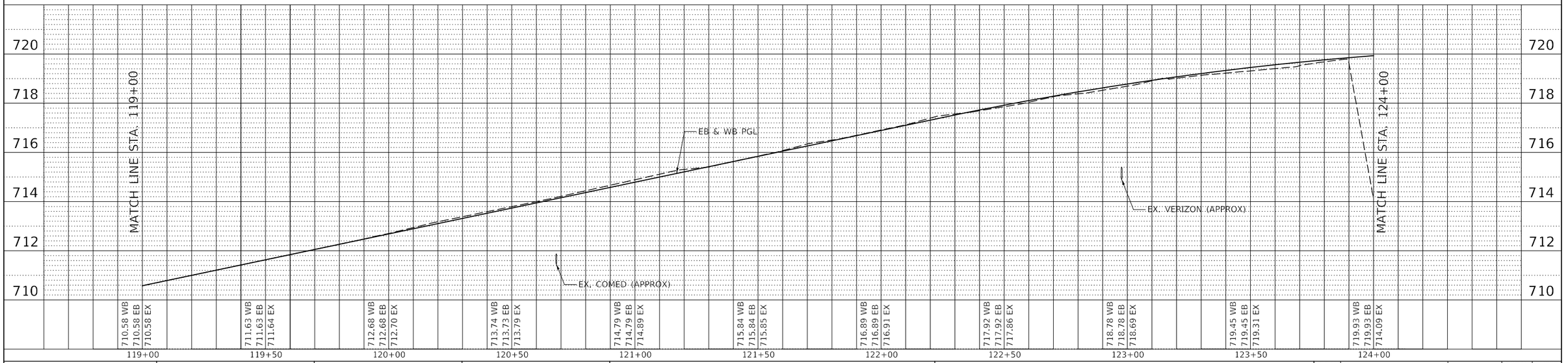
SCALE: AS SHOWN | SHEET 1 OF 9 SHEETS | STA. 114+00 | TO STA. 119+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	134
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. REFER TO DRAINAGE SCHEDULE ON SHEET 126
2. REFER TO UNDERDRAIN SCHEDULE ON SHEET 127



KNIGHT
Engineers & Architects

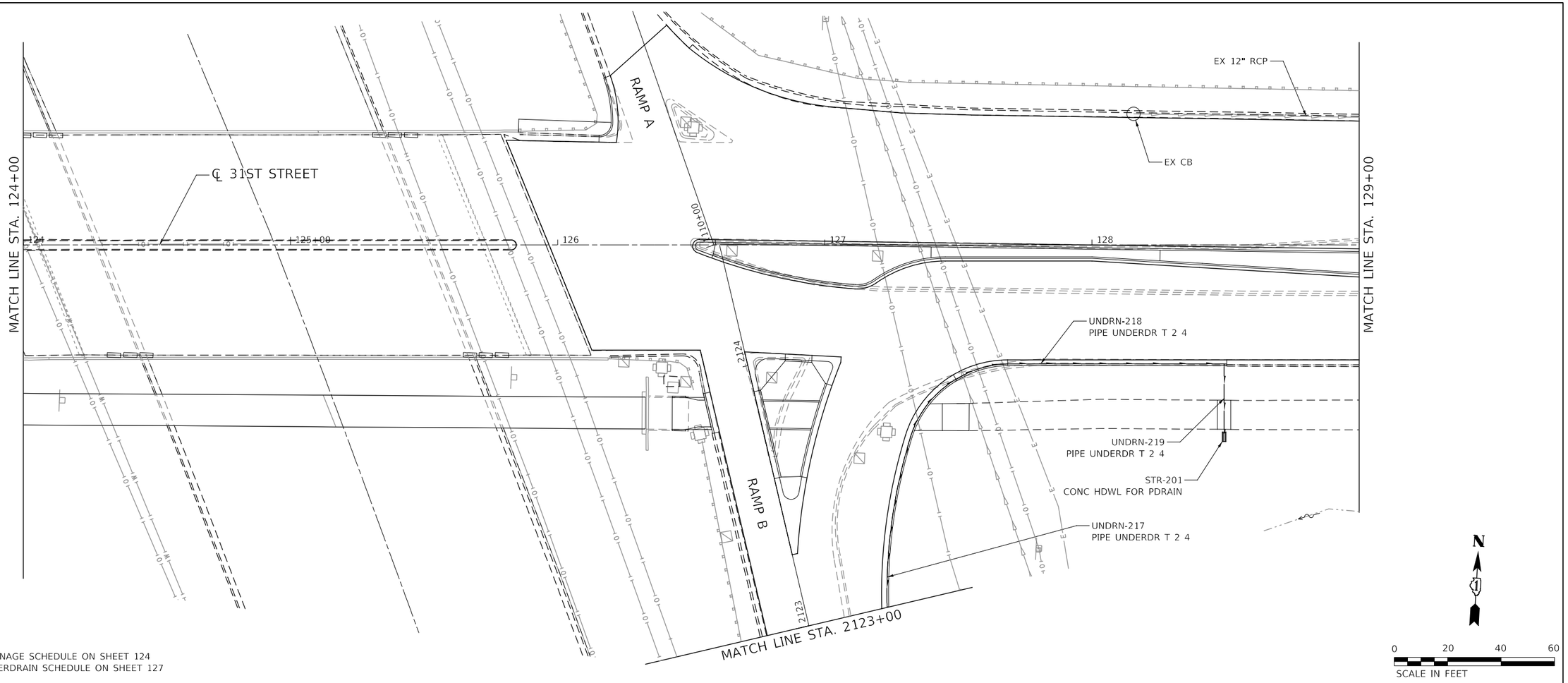
DESIGNED	- D.M.S.	REVISED	-
DRAWN	- D.M.S.	REVISED	-
CHECKED	- D.J.C.	REVISED	-
DATE	- 09-01-2020	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
31ST STREET

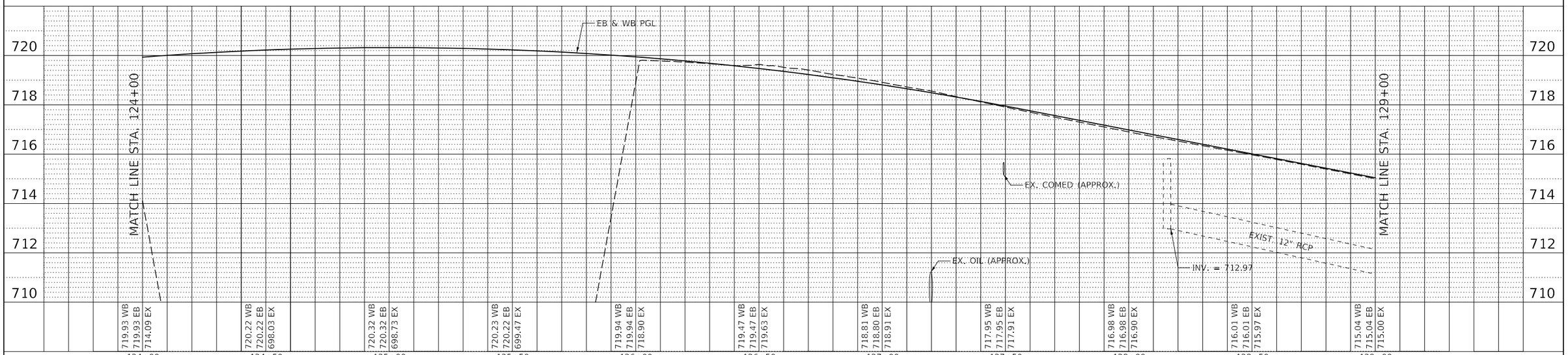
SCALE: AS SHOWN | SHEET 2 OF 9 SHEETS | STA. 119+00 | TO STA. 124+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	135
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		



NOTES:

1. REFER TO DRAINAGE SCHEDULE ON SHEET 124
2. REFER TO UNDERDRAIN SCHEDULE ON SHEET 127



KNIGHT
Engineers & Architects

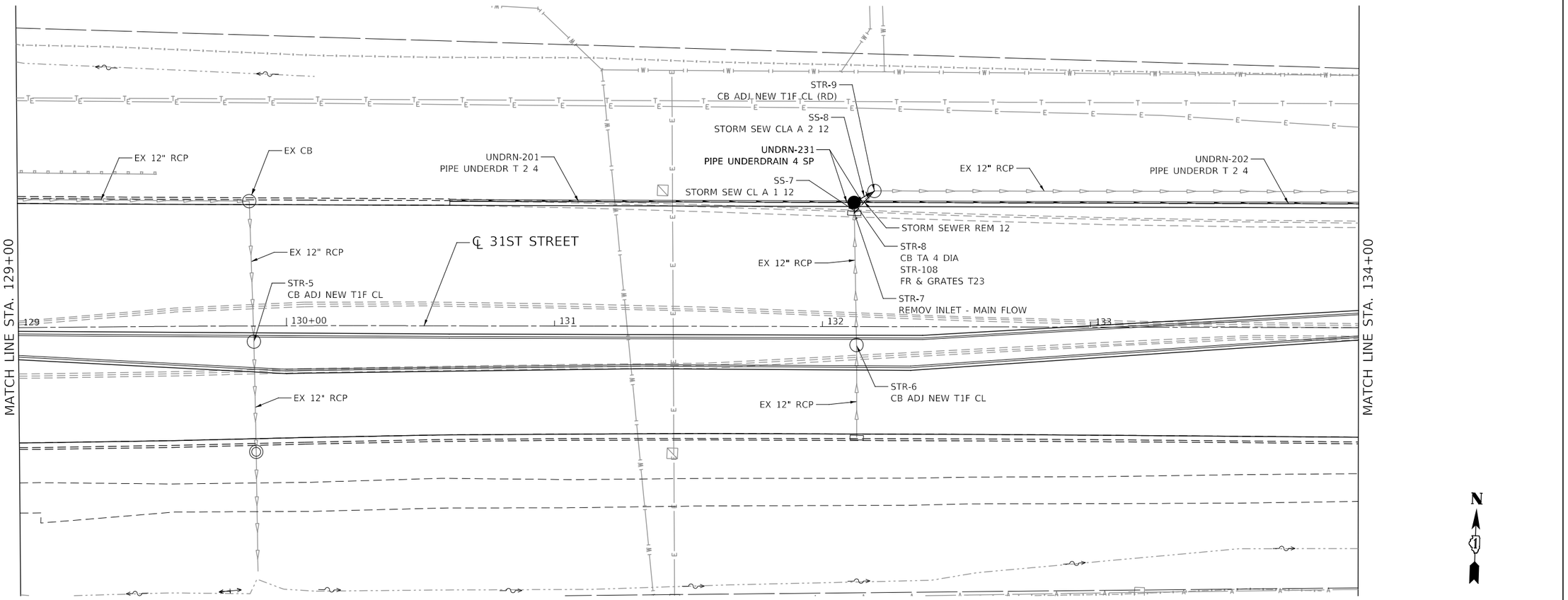
DESIGNED -	D.M.S.	REVISED -	
DRAWN -	D.M.S.	REVISED -	
CHECKED -	D.J.C.	REVISED -	
DATE -	09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
31ST STREET

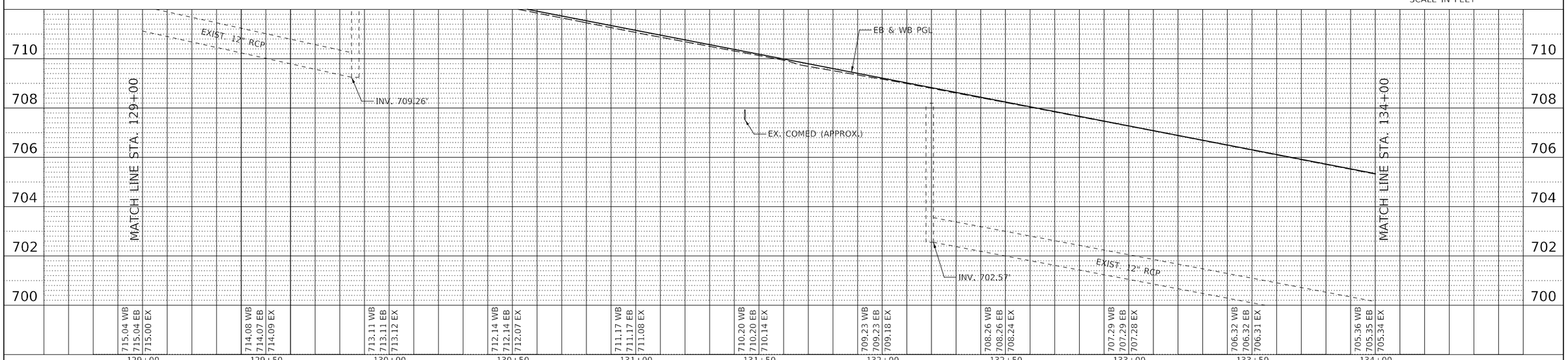
SCALE: AS SHOWN | SHEET 3 OF 9 SHEETS | STA. 124+00 | TO STA. 129+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	136
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. REFER TO DRAINAGE SCHEDULE ON SHEET 126
2. REFER TO UNDERDRAIN SCHEDULE ON SHEET 127



KNIGHT
Engineers & Architects

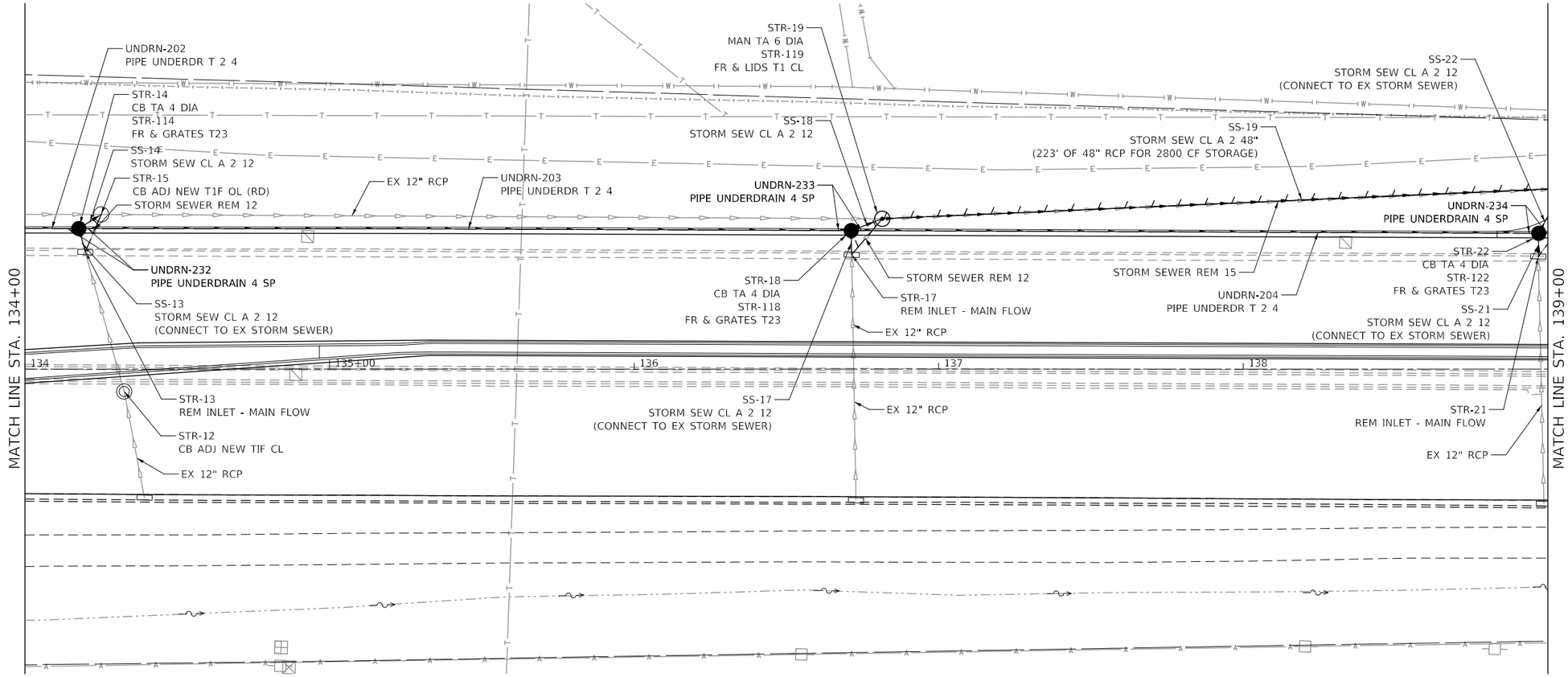
DESIGNED	- D.M.S.	REVISED	-
DRAWN	- D.M.S.	REVISED	-
CHECKED	- D.J.C.	REVISED	-
DATE	- 09-01-2020	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
31ST STREET

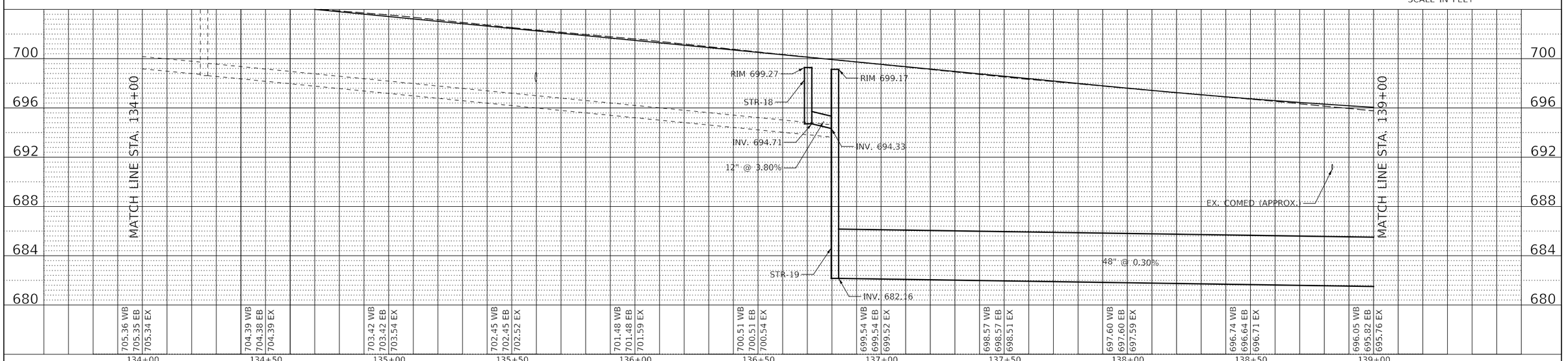
SCALE: AS SHOWN | SHEET 4 OF 9 SHEETS | STA. 129+00 | TO STA. 134+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	137
		CONTRACT NO. 61G12		
		ILLINOIS	FED. AID PROJECT	



NOTES:

1. REFER TO DRAINAGE SCHEDULE ON SHEET 126
2. REFER TO UNDERDRAIN SCHEDULE ON SHEET 127



KNIGHT
Engineers & Architects

DESIGNED -	D.M.S.	REVISED -	
DRAWN -	D.M.S.	REVISED -	
CHECKED -	D.J.C.	REVISED -	
DATE -	09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
31ST STREET

SCALE: AS SHOWN | SHEET 5 OF 9 SHEETS | STA. 134+00 | TO STA. 139+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	138
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

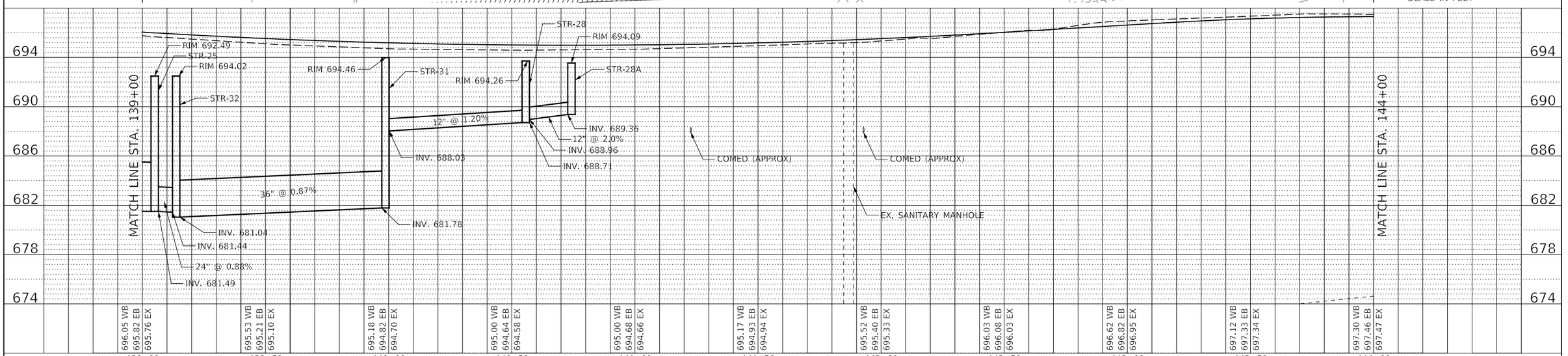
NOTES:

1. REFER TO DRAINAGE SCHEDULE ON SHEET 126
2. REFER TO UNDERDRAIN SCHEDULE ON SHEET 127

SS-19
STORM SEW CL A 2 48
STR-25
MAN TA 6D W/2 T1F CL RP
(CONTROL STRUCTURE)
EX 24" RCP
EX 36" RCP
SS-25
STORM SEW CLA A 2 24
(CONNECT CONTROL STRUCTURE TO EX MANHOLE)
STR-32
MAN ADJ NEW T1F CL
STR-30
PRC FLAR END SEC 36"
SS-30
P CUL CL A 2 36
COMED UTILITY
TO BE RELOCATED
BY OTHERS
UNDRN-235
PIPE UNDERDRAIN 4 SP
STORM SEW REM 36
SS-31
STORM SEW CLA A 2 36
STORM SEWER REM 36
UNDRN-206
PIPE UNDERDR T 2 4
UNDRN-236
PIPE UNDERDRAIN 4 SP
STR-28A
INLETS TA
STR 128A
FR & GRATES T23
SS-28A
STORM SEW CLA A 2 12
SS-22
STORM SEW CL A 2 15
STORM SEW REM 12
STORM SEW REM 15
UNDRN-205
PIPE UNDERDR T 2 4
STORM SEW REM 12
STR-28
CB TA 4 DIA
STR 128
FR & GRATES T23
SS-29
STORM SEW CL A 2 36
(CONNECT TO EX STORM SEW)
STR-31
MAN TA 6 DIA
STR 131
FR & GRATES T23
SS-27
STORM SEW CL A 1 12
(CONNECT TO EX STORM SEWER)
STR-27
REM INLET - MAIN FLOW
STR-29
REMOV CB - MAIN FLOW
EX 36" RCP
SS-28
STORM SEW CLA A 2 12
EX 12" RCP
MATCH LINE STA. 139+00
MATCH LINE STA. 144+00
JORIE BLVD
NICOR UTILITY
TO BE RELOCATED
BY OTHERS
℄ 31ST STREET
HUNTER TRAILS
PARKWAY
139
140+00
141
142
143
501
500+00

N

0 20 40 60
SCALE IN FEET



KNIGHT
Engineers & Architects

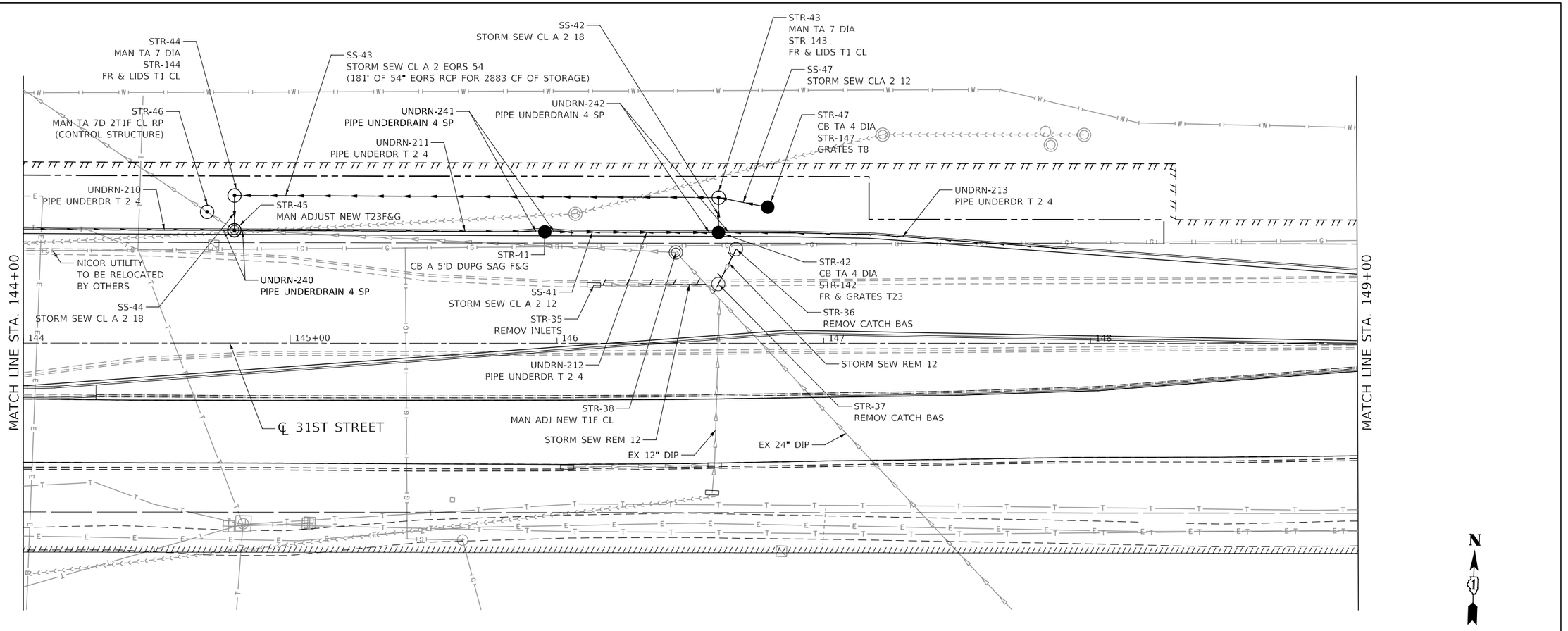
DESIGNED	D.M.S.	REVISED	-
DRAWN	D.M.S.	REVISED	-
CHECKED	D.J.C.	REVISED	-
DATE	09-01-2020	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
31ST STREET

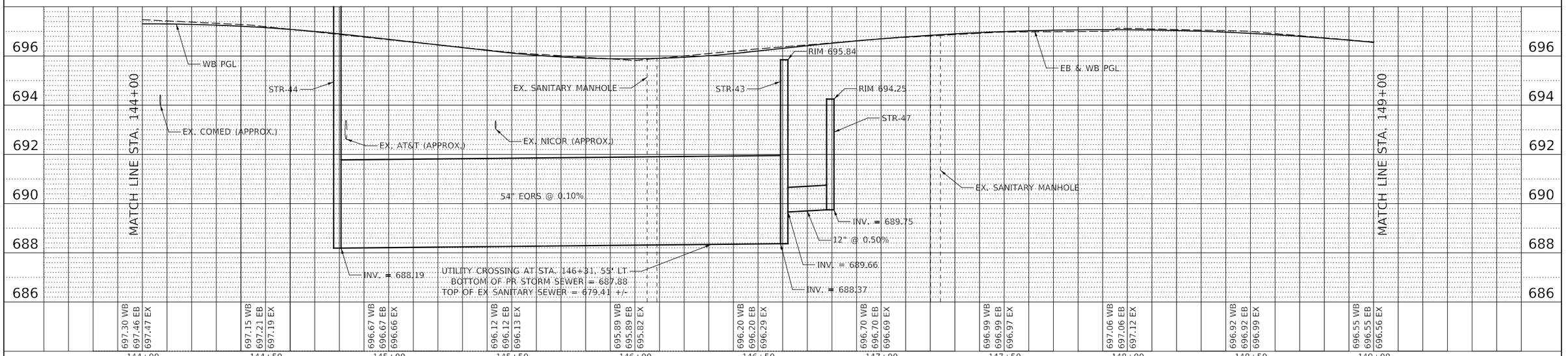
SCALE: AS SHOWN | SHEET 6 OF 9 SHEETS | STA. 139+00 | TO STA. 144+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	139
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			



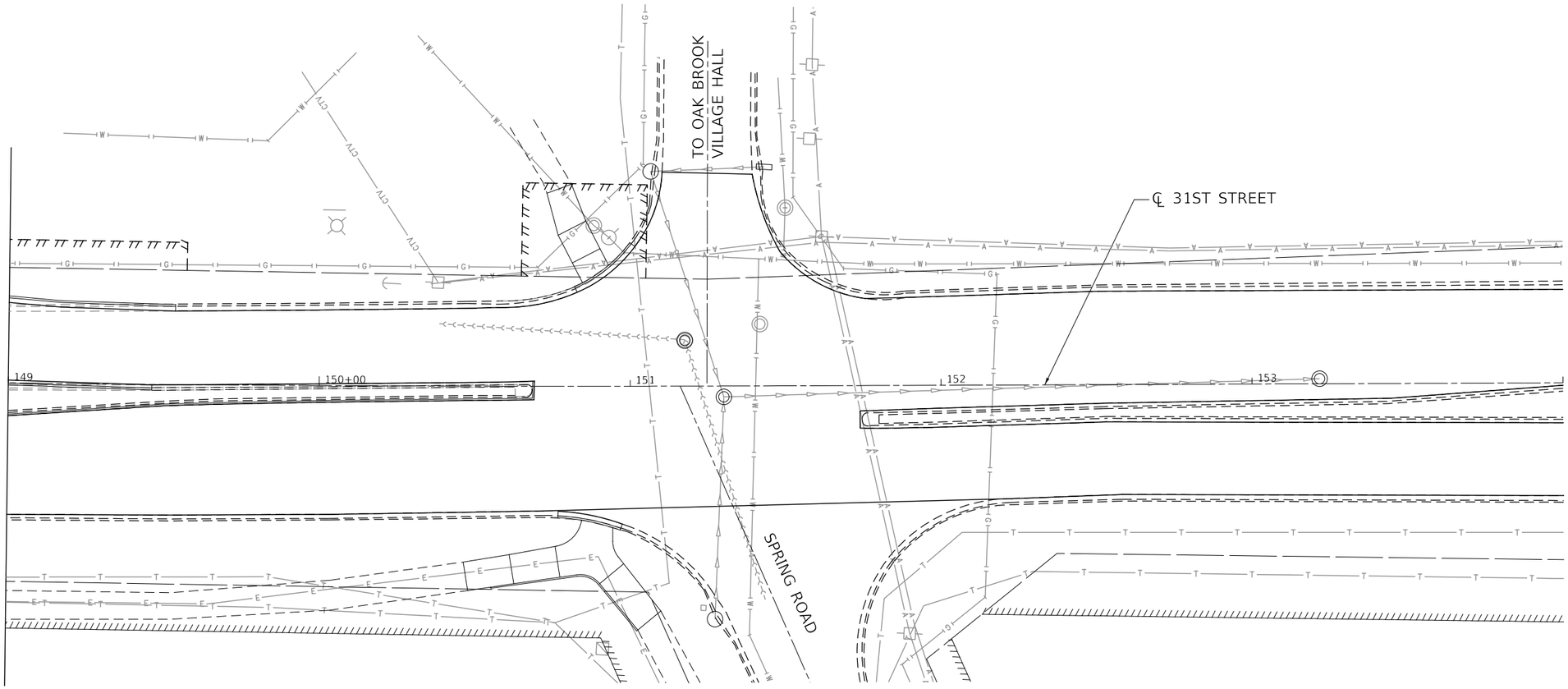
NOTES:

1. REFER TO DRAINAGE SCHEDULE ON SHEET 126
2. REFER TO UNDERDRAIN SCHEDULE ON SHEET 127



KNIGHT Engineers & Architects		DESIGNED - D.M.S.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLAN & PROFILE 31ST STREET
		DRAWN - D.M.S.	REVISED -		SCALE: AS SHOWN | SHEET 7 OF 9 SHEETS | STA. 144+00 TO STA. 149+00
		CHECKED - D.J.C.	REVISED -		
		DATE - 09-01-2020	REVISED -		

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	140
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			



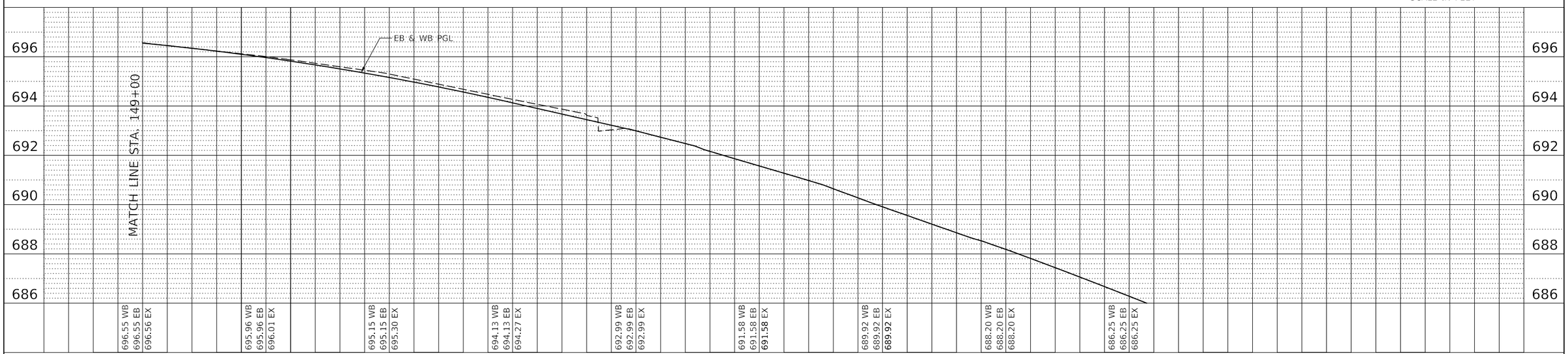
NOTES:

1. REFER TO DRAINAGE SCHEDULE ON SHEET 126
2. REFER TO UNDERDRAIN SCHEDULE ON SHEET 127

N

0 20 40 60

SCALE IN FEET



KNIGHT
Engineers & Architects

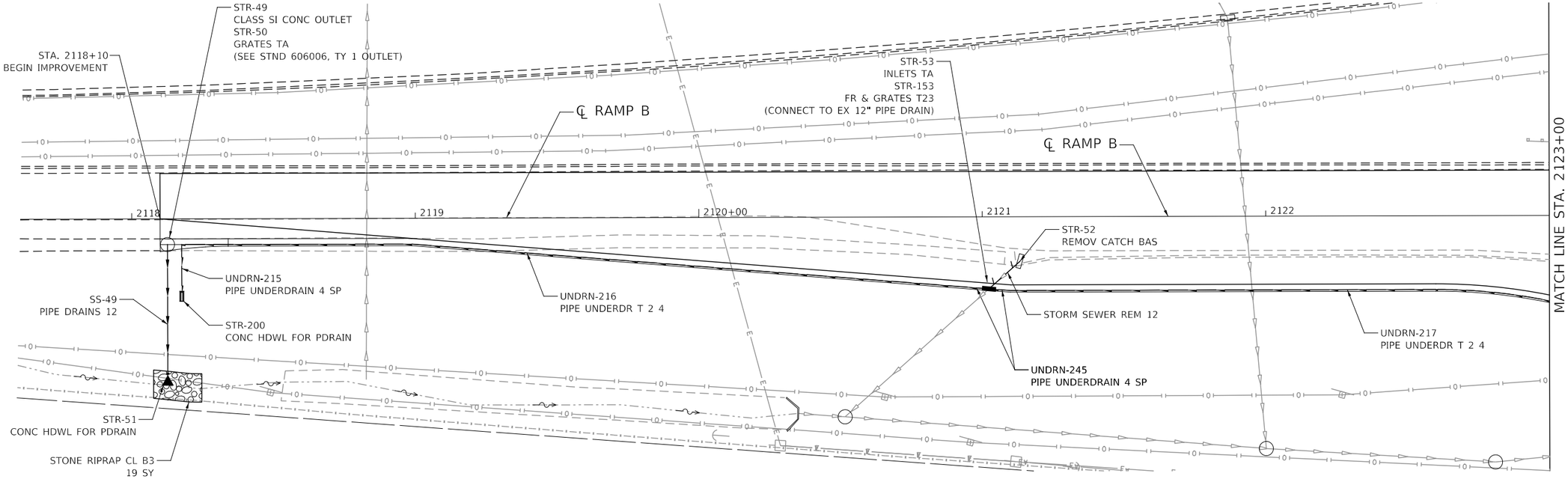
DESIGNED	- D.M.S.	REVISED	-
DRAWN	- D.M.S.	REVISED	-
CHECKED	- D.J.C.	REVISED	-
DATE	- 09-01-2020	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
31ST STREET

SCALE: AS SHOWN | SHEET 8 OF 9 SHEETS | STA. 149+00 | TO STA. 154+00

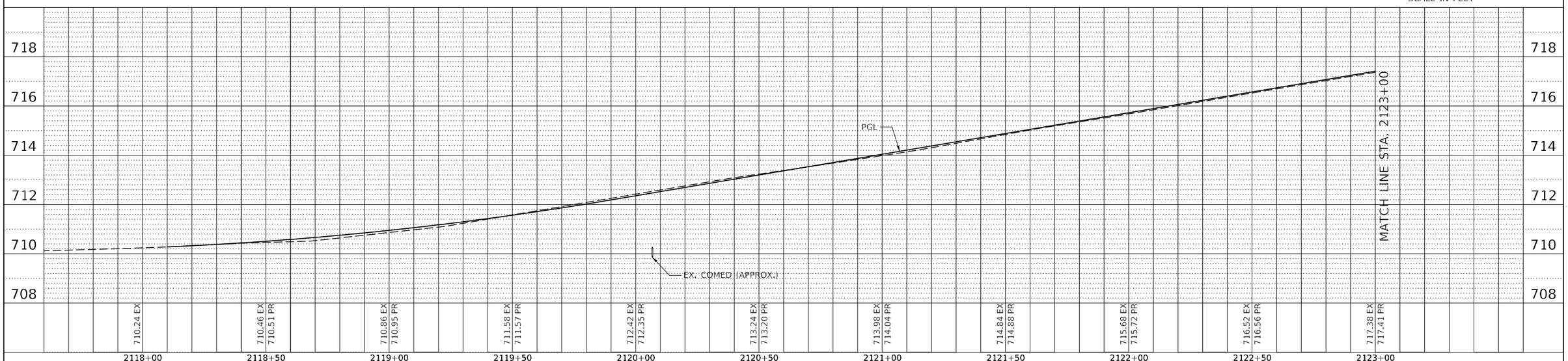
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	141
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			



NOTES:

1. REFER TO DRAINAGE SCHEDULE ON SHEET 126
2. REFER TO UNDERDRAIN SCHEDULE ON SHEET 127

0 20 40 60
SCALE IN FEET



KNIGHT
Engineers & Architects

DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE PLAN & PROFILE
RAMP B

SCALE: AS SHOWN | SHEET 9 OF 9 SHEETS | STA. 2116+00 | TO STA. 2121+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	142
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

PART OF THE SW 1/4 OF SECTION 28, AND NW 1/4 OF SECTION 33, TWP. 39 N, R. 11 E OF THE 3RD P.M. IN DUPAGE COUNTY, ILLINOIS.

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	PART TAKEN SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
013TE	1.441					0.014	612	06-33-103-013

LEGEND

SECTION CORNER

QUARTER SECTION CORNER

GRAPHIC SCALE FEET

SCALE: 1"= 30'

QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
MEASURED DIMENSION
RECORDED DIMENSION
EXISTING BUILDING

BEARINGS AND DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

- IRON PIPE OR ROD FOUND
- CUT CROSS FOUND OR SET
- "MAG" NAIL SET
- 5 / 8" REBAR SET
- STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET

McELWAIN'S RESUB. REC. 4/15/1963 DOC. NO. R63-11373
LOT 1
LOT 2
GINGER CREEK REC. 12/30/1960 DOC. NO. R60-992057
LOT 163
FOUND 5/8" IRON ROD AT CORNER
FOUND IRON PIPE ON LINE
EXISTING R.O.W. LINE PER DOC. R63-11373
EXISTING R.O.W. LINE PER DOC. R60-992057
E. LINE W. 1/2 SW. 1/4 SEC. 28-39-11
W. LINE E. 1/2 SW. 1/4 SEC. 28-39-11
S. LINE SW. 1/4 SEC. 28-39-11
..... N 89°31'38" E 2,645.89' .....
24 | 25+00 | 26 | 300+00 | 27 | 28 | 29 | 30+00
31st STREET. (C.H. 34)
℄ 31st ST.
(7504) STA. 26+39.86 31st ST.
STA. 300+00.00 MEYERS RD.
FOUND CUT CROSS 3.00'E. & ON LINE
(7500) P.O.B. 013TE 26+92.21 50.89' RT.
N 89°42'26" E 35.00'
(7502) 27+27.21 51.00' RT.
PROPOSED TEMPORARY EASEMENT LINE
EXISTING R.O.W. LINE
ASP. PATH
SIGNAL CABINET
N 02°08'54" W 35.00'
S 43°46'46" W 48.69'
(7503) 26+93.23 85.88' RT.
013TE
BUILDING
LOT 1
YORK TWP. SUPERVISORS' ASSESSMENT PLAT NO. 6 REC. 3/16/1944 DOC. NO. 459843
OAK BROOK SUBDIVISION NO. 1 NO RECORDING INFORMATION FOUND
MEYERS ROAD
297 | 298 | 299
FOUND I.P. IN CONC. AT CORNER
FOUND I.P. AT CORNER
(253.68')
(247.00')
(544.67')
(350.13')
(149.67')
(146.00')
(160.97')
(150.00')
(140.33')
(140.39')
(140.00')
(160.00')
(50')

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

POINT	NORTH	EAST
7500	1881290.37	1077505.17
7502	1881290.55	1077540.16
7503	1881255.39	1077506.48
7504	1881340.83	1077452.41

REVISION DATE: 12/5/2019 REVISION MADE BY: $USER$

218076.ROW Sheet 31st St.dgn

KNIGHT
Engineers & Architects

DESIGNED	D.M.S.	REVISED	-
DRAWN	D.M.S.	REVISED	-
CHECKED	D.J.C.	REVISED	-
DATE	09-01-2020	REVISED	-

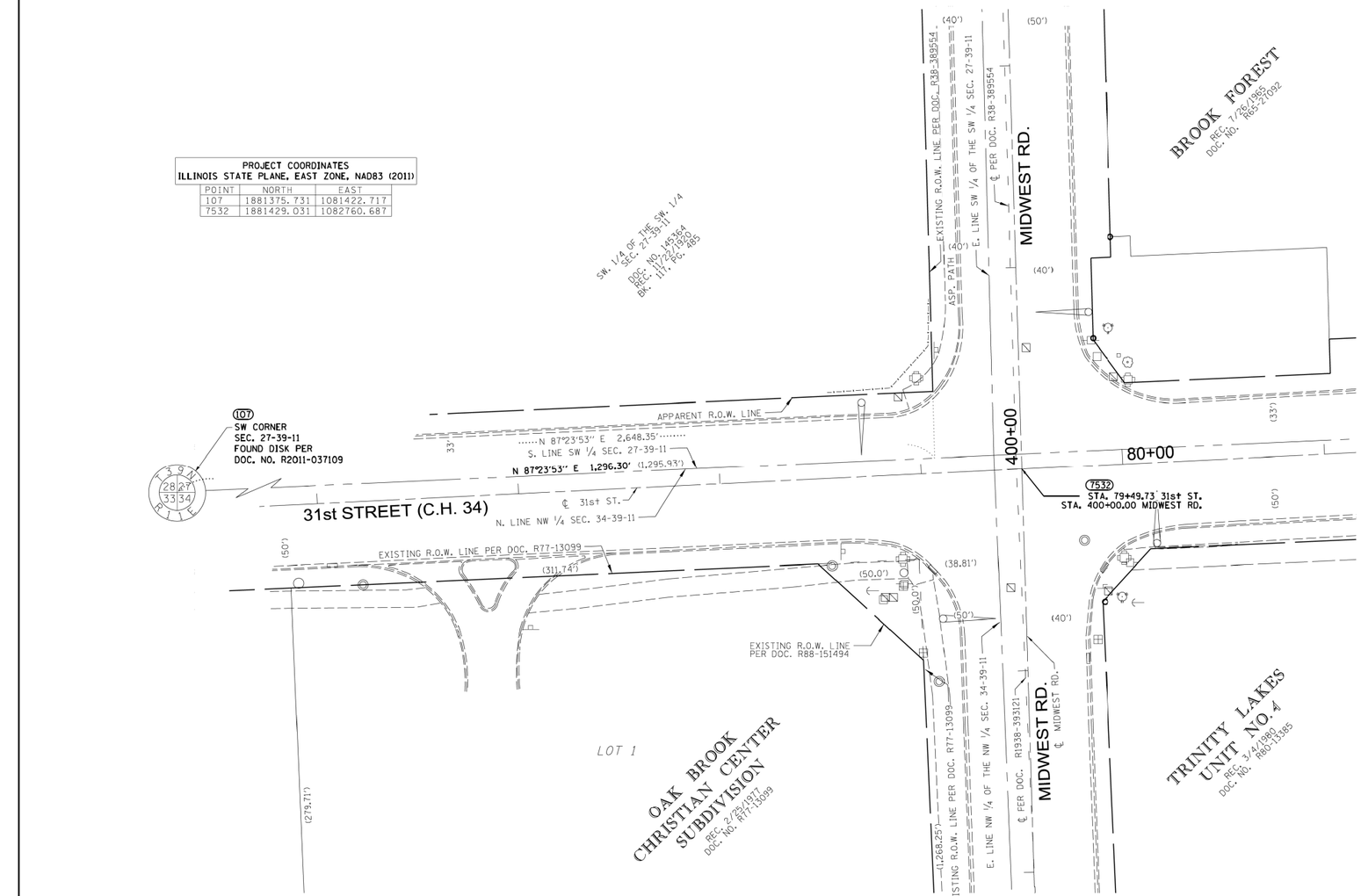
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROW PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 1 OF 6 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	143
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

PART OF THE SW 1/4 OF SECTION 27, TWP. 39 N., R. 11 E. OF THE 3RD. P.M. IN DUPAGE COUNTY, ILLINOIS.



LEGEND

SECTION CORNER

QUARTER SECTION CORNER

QUARTER SECTION LINE
PLATTED LOT LINES
PROPERTY (DEED) LINE
APPARENT PROPERTY LINE
EXISTING CENTERLINE
EXISTING RIGHT OF WAY LINE
PROPOSED RIGHT OF WAY LINE
EXISTING EASEMENT
PROPOSED EASEMENT
129.32' MEASURED DIMENSION
(129.32') RECORDED DIMENSION
EXISTING BUILDING

N

GRAPHIC SCALE FEET
0 30
SCALE: 1"= 30'

BEARINGS AND DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

REVISION DATE: 12/5/2019 REVISION MADE BY: $USER$

218076_ROW Sheet 31st St.dgn

KNIGHT
Engineers & Architects

DESIGNED -	D.M.S.	REVISED	-
DRAWN -	D.M.S.	REVISED	-
CHECKED -	D.J.C.	REVISED	-
DATE -	09-01-2020	REVISED	-

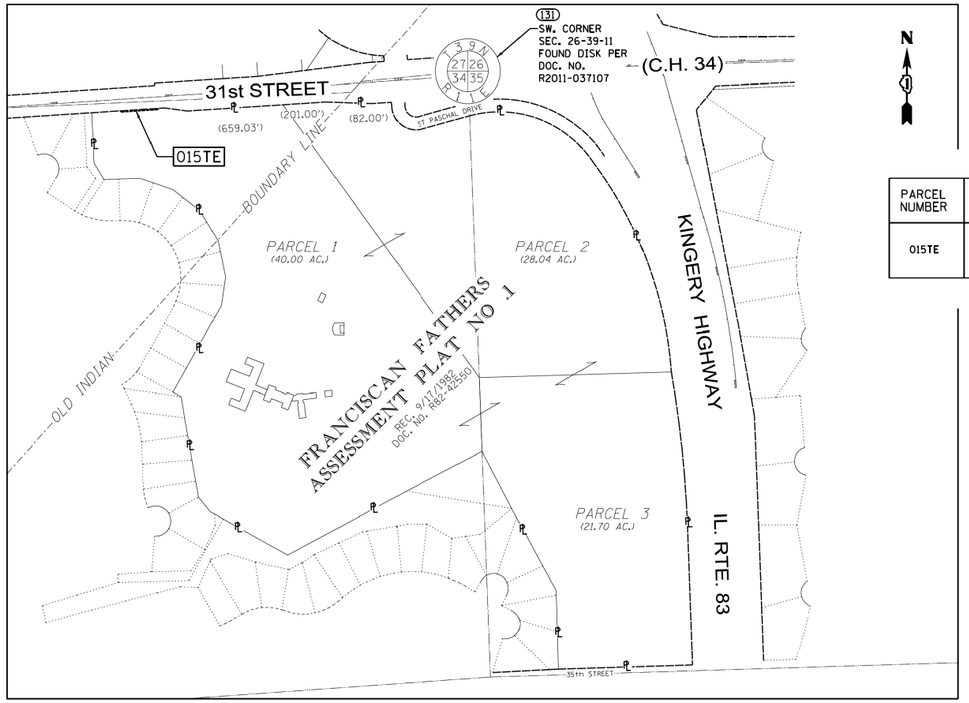
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROW PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 2 OF 6 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	144
		CONTRACT NO. 61G12		
		ILLINOIS	FED. AID PROJECT	

PART OF THE NE FRAC 1/4 OF SECTION 34, AND NW 1/4 OF SECTION 35, TWP. 39 N, R. 11 E OF THE 3RD P.M. IN DUPAGE COUNTY, ILLINOIS.



TOTAL HOLDING DETAIL
(NO SCALE)

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	PART TAKEN SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
015TE	(89.74)				(89.74)	0.018	800	06-34-200-015 06-35-100-008 06-35-100-009

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

POINT	NORTH	EAST
131	1881680.700	1086624.107
158	1881498.748	1084986.677
7573	1881499.725	1084986.418
7578	1881508.151	1085114.141
7579	1881518.683	1085273.794
7580	1881513.694	1085274.123
7581	1881503.162	1085114.470

LEGEND

SECTION CORNER

QUARTER SECTION CORNER

- QUARTER SECTION LINE
- PLATTED LOT LINES
- P — PROPERTY (DEED) LINE
- APL — APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- 129.32' MEASURED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

N

GRAPHIC SCALE FEET
0 30'
SCALE: 1"= 30'

BEARINGS AND DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
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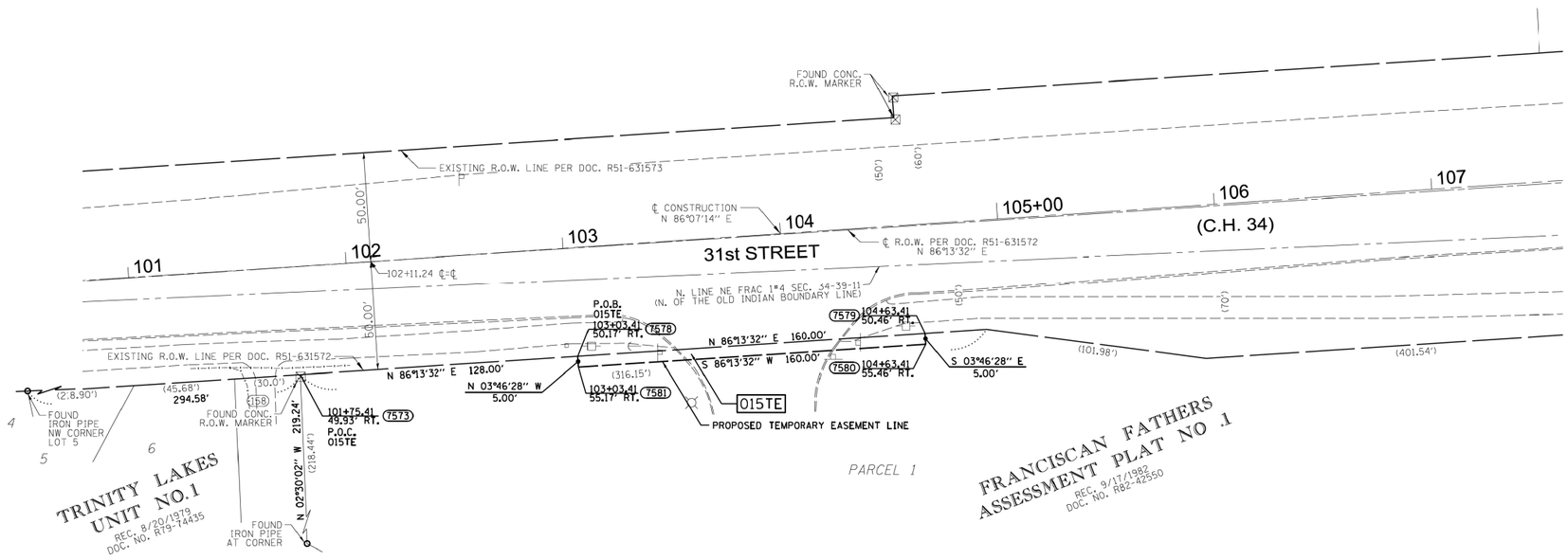
- ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ◒ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET



218076.ROW Sheet 31st St.dgn

REVISION DATE: 12/5/2019 REVISION MADE BY: $USER$

KNIGHT Engineers & Architects	DESIGNED - D.M.S.	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - D.M.S.	REVISED -	
	CHECKED - D.J.C.	REVISED -	
	DATE - 09-01-2020	REVISED -	

ROW PLAN
31ST STREET

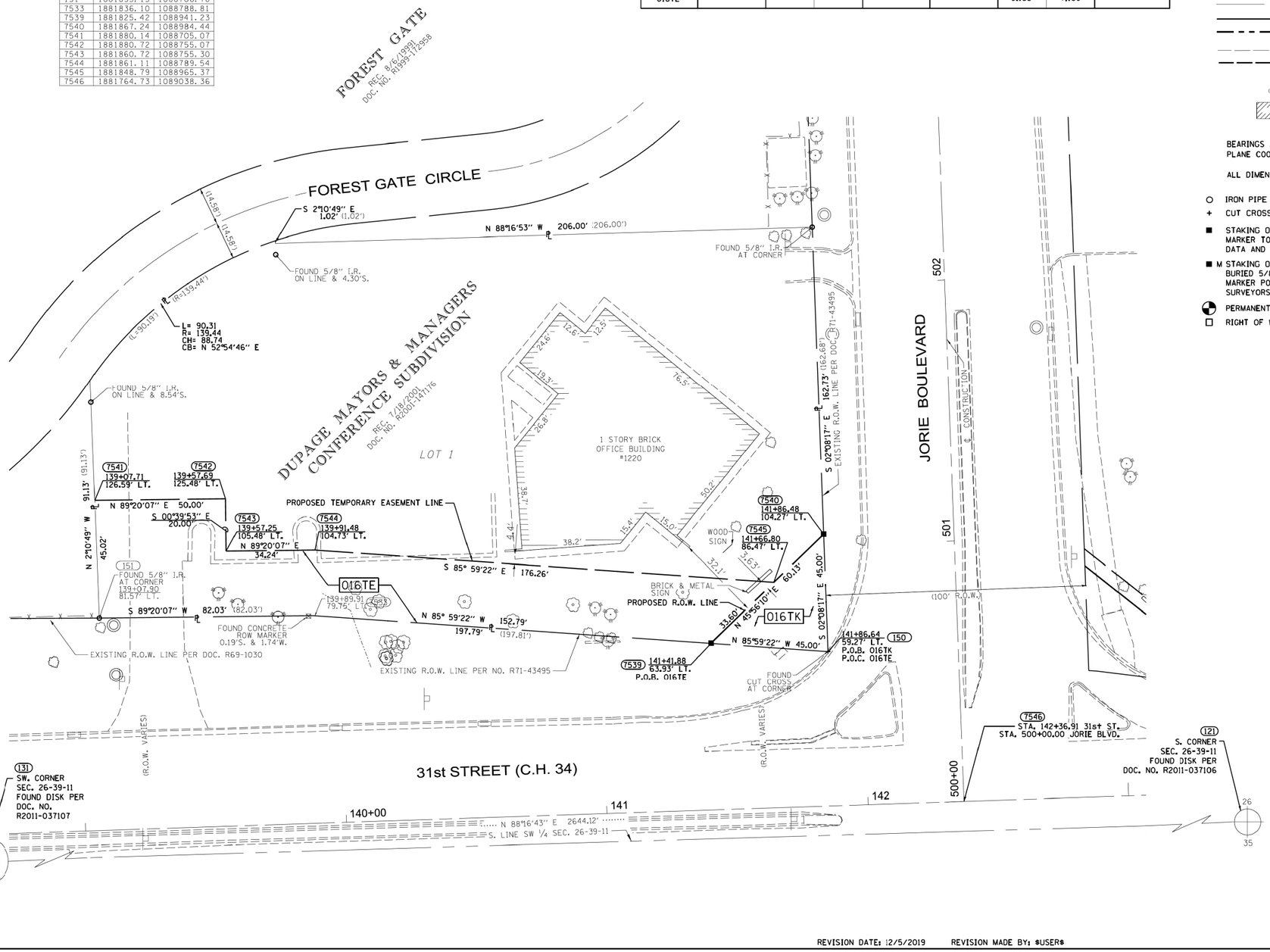
SCALE: AS SHOWN | SHEET 3 OF 6 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	145
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		

PART OF THE SW 1/4 OF SECTION 26, TWP. 39 N, R. 11 E OF THE 3RD P.M. IN DUPAGE COUNTY, ILLINOIS.

PROJECT COORDINATES ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)		
POINT	NORTH	EAST
150	1881822.27	1088986.12
151	1881835.15	1088706.78
7533	1881836.10	1088788.81
7539	1881825.42	1088941.23
7540	1881867.24	1088984.44
7541	1881880.14	1088705.07
7542	1881880.72	1088755.07
7543	1881860.72	1088755.30
7544	1881861.11	1088789.54
7545	1881848.79	1088965.37
7546	1881764.73	1089038.36

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	PART TAKEN SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
016TK	0.927	0.023	1,007		0.904			06-26-301-098
016TE						0.165	7,180	



LEGEND

SECTION CORNER

QUARTER SECTION CORNER

GRAPHIC SCALE FEET

SCALE: 1" = 20'

- QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- MEASURED DIMENSION (129.32')
- RECORDED DIMENSION (129.32')
- EXISTING BUILDING

BEARINGS AND DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ◒ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

REVISION DATE: 12/5/2019 REVISION MADE BY: $USER$

218076 ROW Sheet 31st St.dgn

KNIGHT Engineers & Architects

DESIGNED -	D.M.S.	REVISED	-
DRAWN -	D.M.S.	REVISED	-
CHECKED -	D.J.C.	REVISED	-
DATE -	09-01-2020	REVISED	-

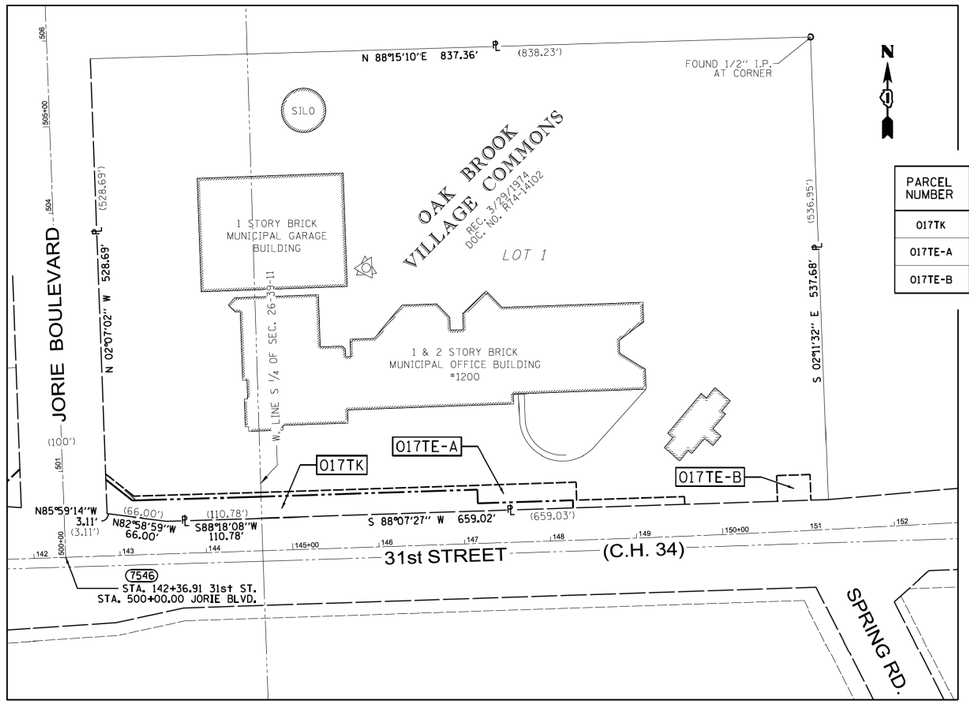
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROW PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 4 OF 6 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	146
		CONTRACT NO. 61G12		
		ILLINOIS	FED. AID PROJECT	

PART OF THE SE 1/4, AND THE SW 1/4 OF SECTION 26, TWP. 39 N., R. 11 E. OF THE 3RD. P.M. IN DUPAGE COUNTY, ILLINOIS.



TOTAL HOLDING DETAIL
(NO SCALE)

PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	PART TAKEN SQUARE FEET	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
017TK	10.349	0.270	11,783		10.079			06-26-400-012
017TE-A						0.133	5,782	
017TE-B						0.028	1,200	

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

POINT	NORTH	EAST
121	1881760.128	1089267.047
131	1881680.700	1086624.107
504	1881846.684	1091909.744
7546	1881764.731	1089038.362
7547	1881810.103	1089265.478
7548	1881806.821	1089154.747
7549	1881814.884	1089089.241
7550	1881815.101	1089086.138
7552	1881831.677	1089924.149
7553	1881855.074	1089084.661
7554	1881830.671	1089115.583
7555	1881835.091	1089264.693
7556	1881843.324	1089516.058
7557	1881827.332	1089516.582
7558	1881830.950	1089627.023
7559	1881821.954	1089627.318
7560	1881861.635	1089084.418
7561	1881835.723	1089117.253
7562	1881840.088	1089264.536
7563	1881852.086	1089630.833
7564	1881831.097	1089631.521
7565	1881835.189	1089756.454
7566	1881826.194	1089756.748
7567	1881831.022	1089904.160
7568	1881829.712	1089864.182
7569	1881859.696	1089863.200
7570	1881861.006	1089903.178

LEGEND

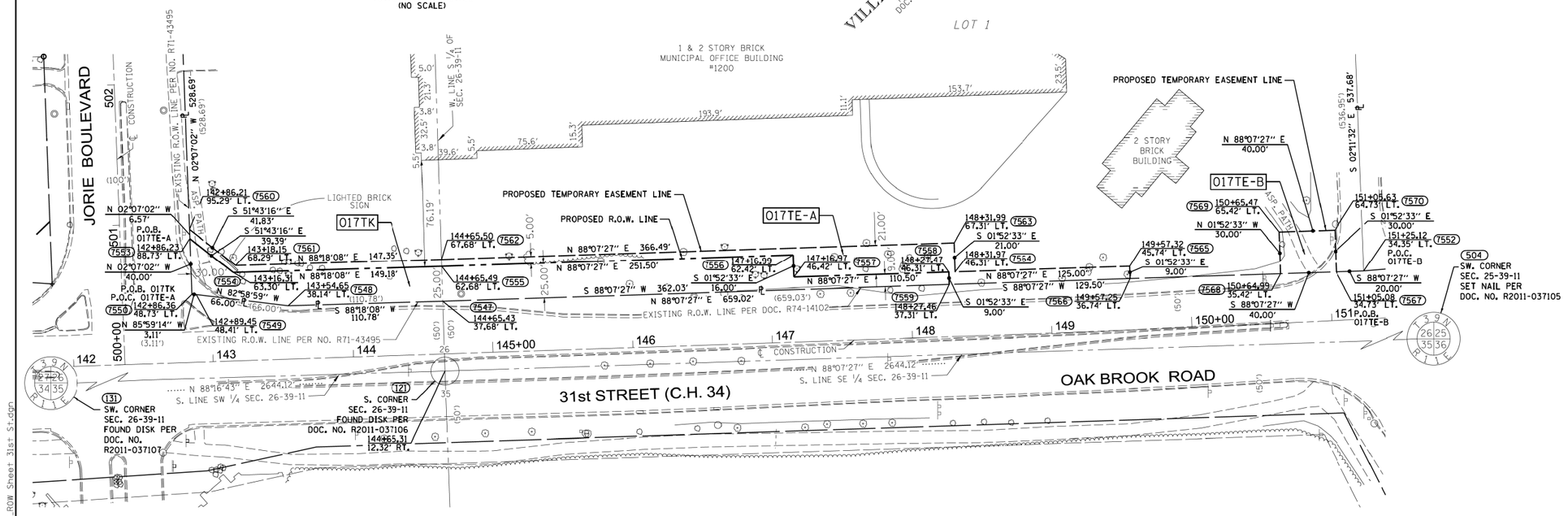
- SECTION CORNER
- QUARTER SECTION CORNER
- QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- MEASURED DIMENSION
- RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET
0 40'
SCALE: 1"= 40'

BEARINGS AND DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY, SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET



REVISION DATE: 12/5/2019 REVISION MADE BY: $USER$

218076 ROW Sheet 31st St.dgn

KNIGHT
Engineers & Architects

DESIGNED -	D.M.S.	REVISED	-
DRAWN -	D.M.S.	REVISED	-
CHECKED -	D.J.C.	REVISED	-
DATE -	09-01-2020	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROW PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 5 OF 6 SHEETS | STA. | TO STA.

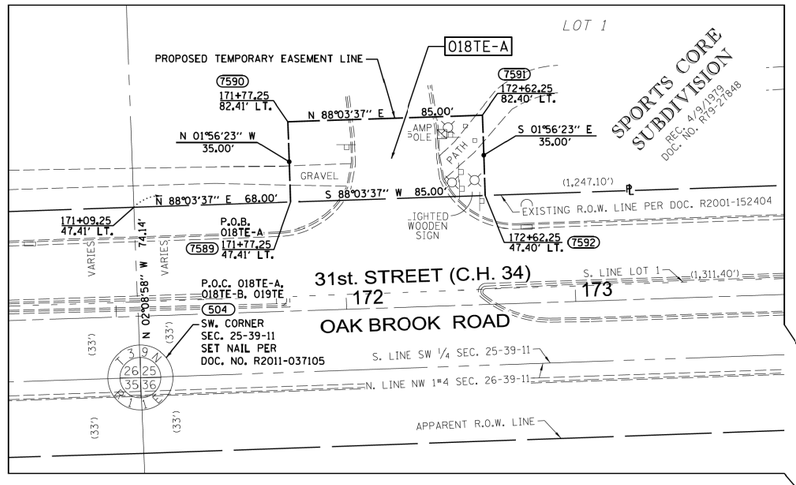
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	147
		CONTRACT NO. 61G12		
		ILLINOIS	FED. AID PROJECT	

PART OF THE SW 1/4 SECTION 25, AND THE NW 1/4 OF SECTION 36, TWP. 39 N., R. 11 E. OF THE 3RD. P.M. IN DUPAGE COUNTY, ILLINOIS.

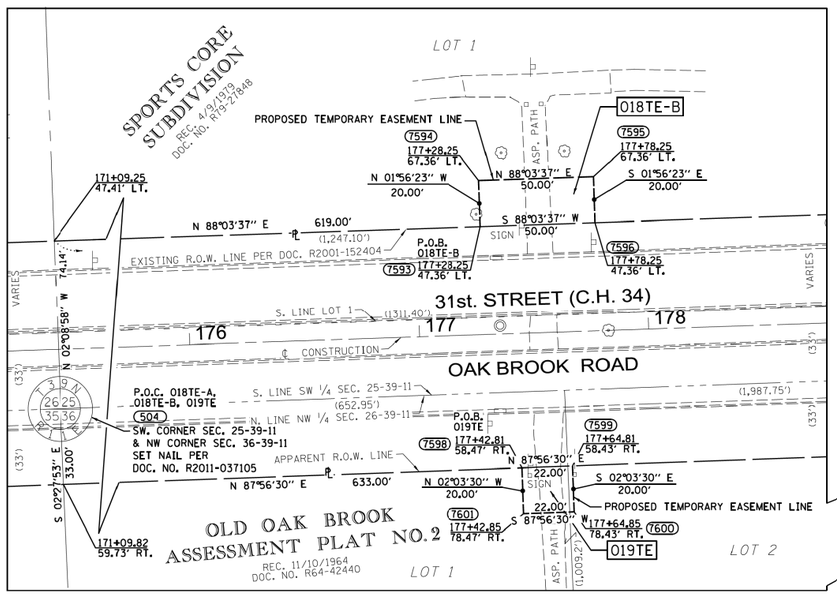
PARCEL NUMBER	TOTAL HOLDINGS ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	EASEMENT AREA SQUARE FEET	PARCEL INDEX NUMBER
018TE-A	(262.74)			(262.74)	0.068	2,975	06-25-300-017
018TE-B					0.023	1,000	
019TE	(33.65)			(33.65)	0.010	440	06-35-201-006 06-36-100-009

PROJECT COORDINATES
ILLINOIS STATE PLANE, EAST ZONE, NAD83 (2011)

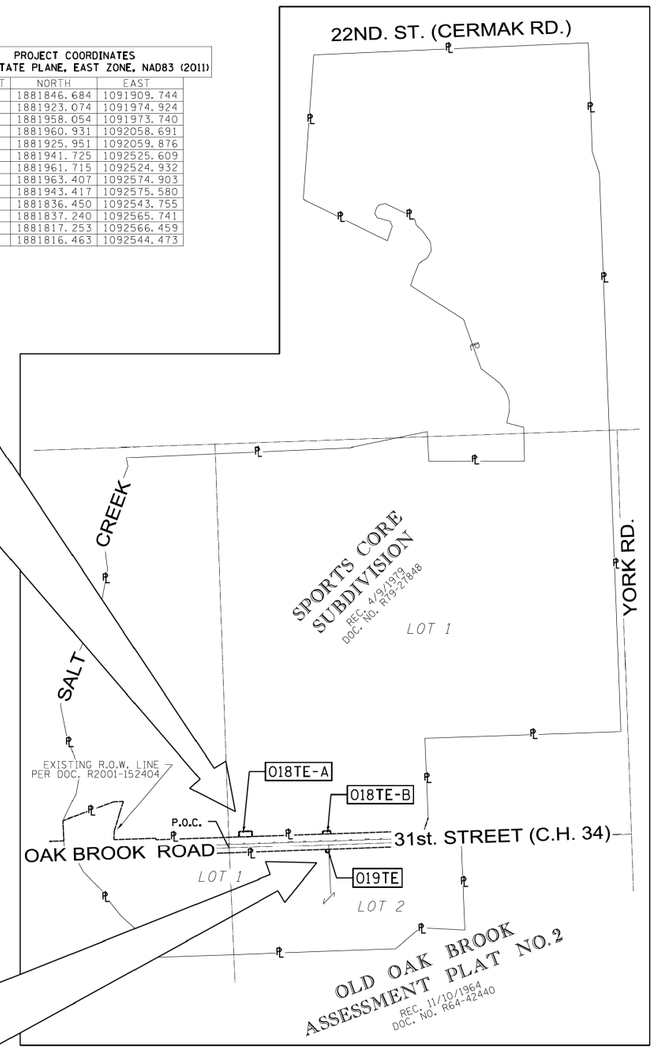
POINT	NORTH	EAST
504	1881846.684	1091909.744
7589	1881923.074	1091974.924
7590	1881958.054	1091973.740
7591	1881960.931	1092058.691
7592	1881925.951	1092059.876
7593	1881941.725	1092525.609
7594	1881961.715	1092524.932
7595	1881963.407	1092574.903
7596	1881943.417	1092575.580
7598	1881836.450	1092543.755
7599	1881837.240	1092565.741
7600	1881817.253	1092566.459
7601	1881816.463	1092544.473



PARCEL DETAIL
(SCALE 1"=30')



PARCEL DETAIL
(SCALE 1"=30')



PARENT PARCEL DIAGRAM
(NO SCALE)

(PARENT PARCEL) REPRESENTS OWNERS PROPERTY ADJOINING AND ADJACENT TO THE INTEREST PARCEL, AND NOT NECESSARILY ALL CONTIGUOUS PROPERTY OF THE OWNER.

LEGEND

- SECTION CORNER
- QUARTER SECTION CORNER
- QUARTER SECTION LINE
- PLATTED LOT LINES
- PROPERTY (DEED) LINE
- APPARENT PROPERTY LINE
- EXISTING CENTERLINE
- EXISTING RIGHT OF WAY LINE
- PROPOSED RIGHT OF WAY LINE
- EXISTING EASEMENT
- PROPOSED EASEMENT
- 129.32' MEASURED DIMENSION
- (129.32') RECORDED DIMENSION
- EXISTING BUILDING

GRAPHIC SCALE FEET
0 30'
SCALE: 1"= 30'

BEARINGS AND DISTANCES ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, NAD83 (2011 ADJUSTMENT), EAST ZONE.

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED.

- ○ IRON PIPE OR ROD FOUND
- ⊕ "MAG" NAIL SET
- \+ CUT CROSS FOUND OR SET
- ● 5 / 8" REBAR SET
- ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- ■ M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊕ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 667101.02 (TO BE SET BY OTHERS)
- □ RIGHT OF WAY STAKING PROPOSED TO BE SET

REVISION DATE: 12/5/2019 REVISION MADE BY: $USER$

218076_ROW Sheet 31st St.dgn

KNIGHT
Engineers & Architects

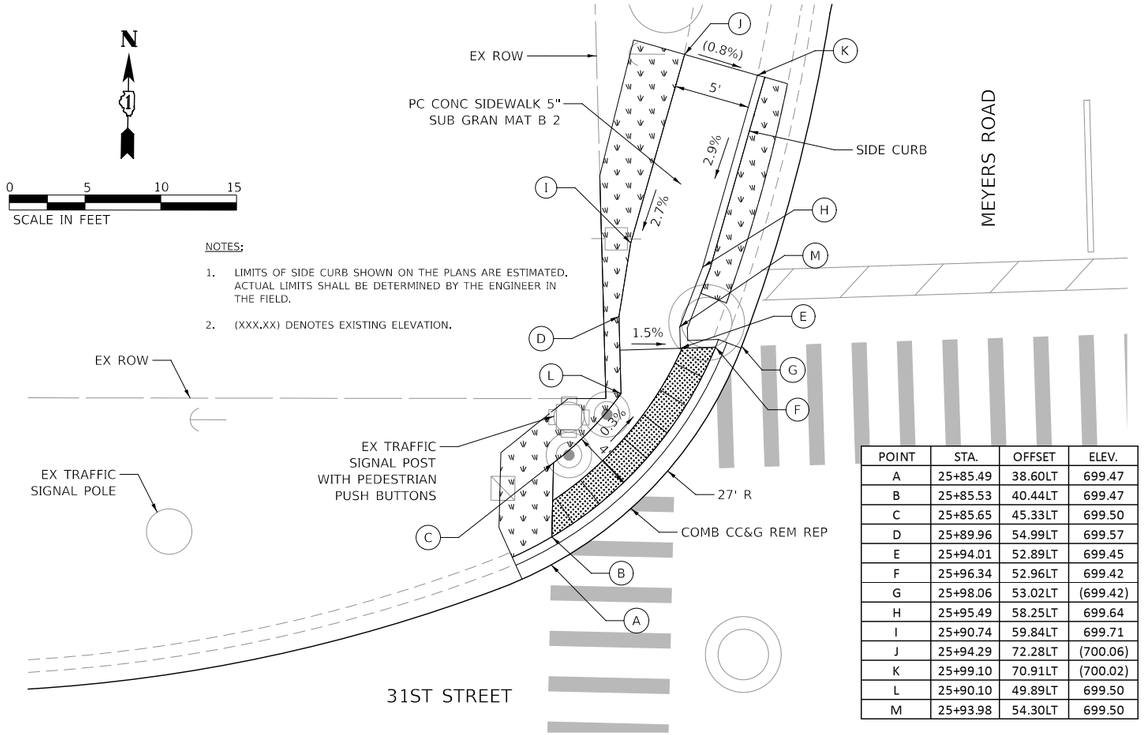
DESIGNED -	D.M.S.	REVISED	-
DRAWN -	D.M.S.	REVISED	-
CHECKED -	D.J.C.	REVISED	-
DATE -	09-01-2020	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

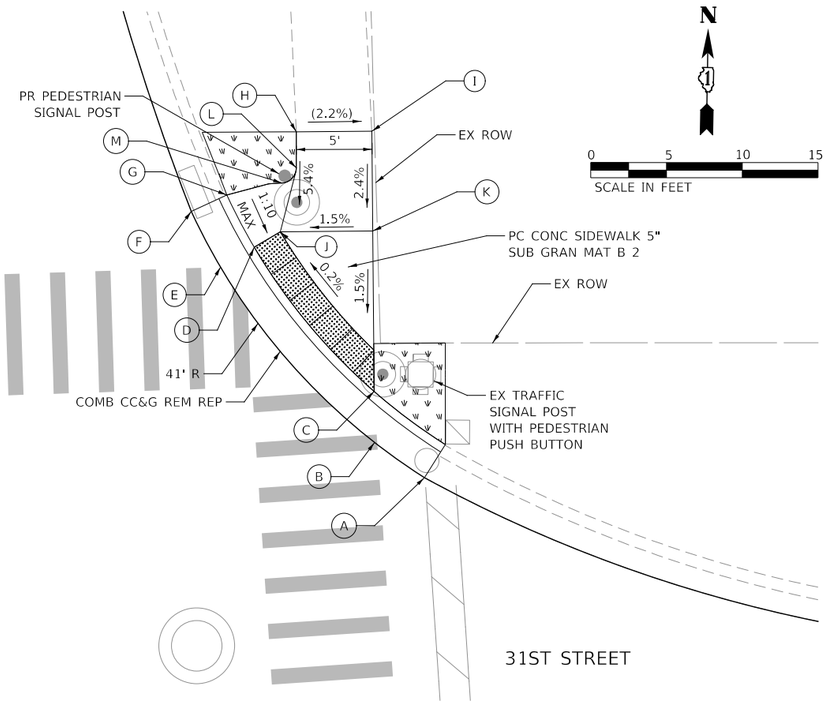
ROW PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 6 OF 6 SHEETS | STA. | TO STA.

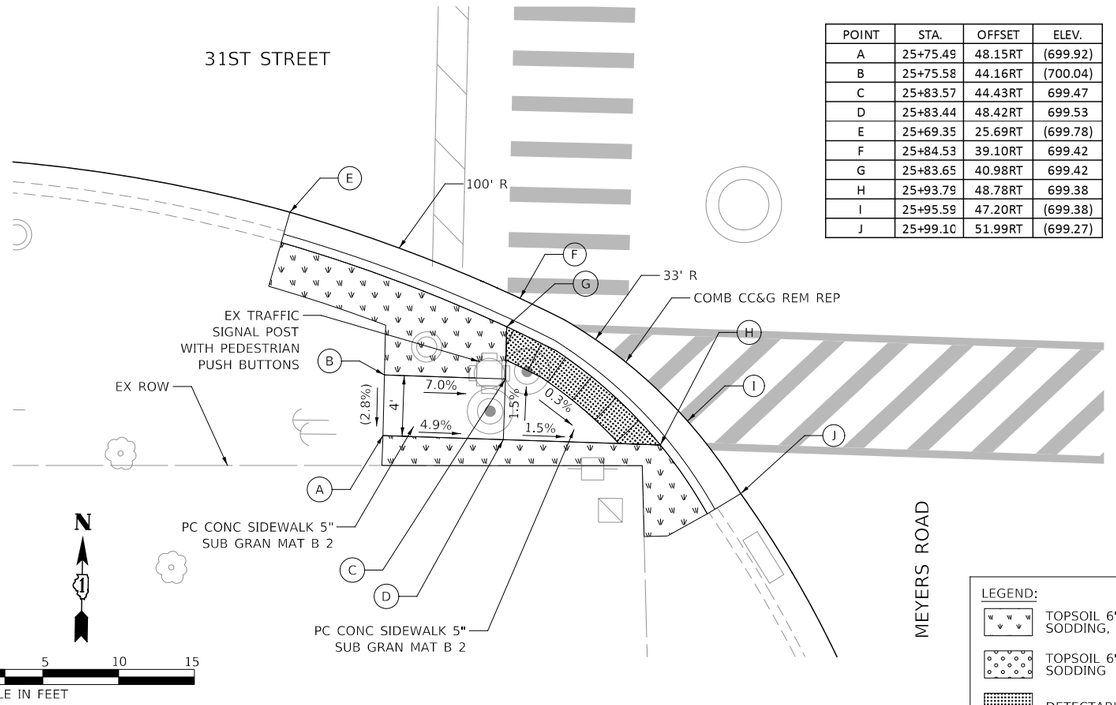
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	148
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			



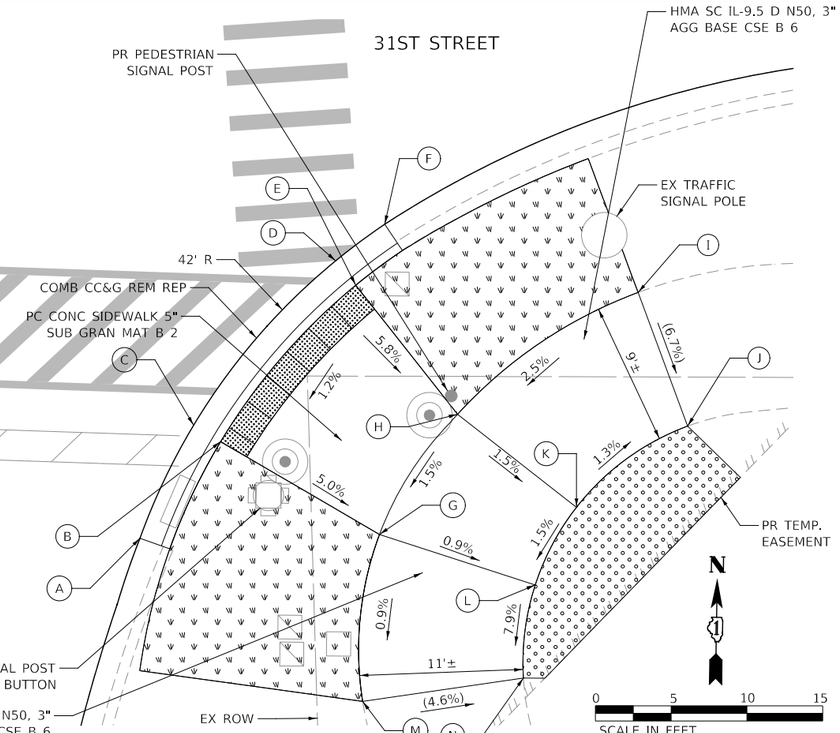
POINT	STA.	OFFSET	ELEV.
A	25+85.49	38.60LT	699.47
B	25+85.53	40.44LT	699.47
C	25+85.65	45.33LT	699.50
D	25+89.96	54.99LT	699.57
E	25+94.01	52.89LT	699.45
F	25+96.34	52.96LT	699.42
G	25+98.06	53.02LT	(699.42)
H	25+95.49	58.25LT	699.64
I	25+90.74	59.84LT	699.71
J	25+94.29	72.28LT	(700.06)
K	25+99.10	70.91LT	(700.02)
L	25+90.10	49.89LT	699.50
M	25+93.98	54.30LT	699.50



POINT	STA.	OFFSET	ELEV.
A	26+92.99	41.77LT	(699.44)
B	26+89.70	44.09LT	(699.37)
C	26+89.67	47.46LT	699.37
D	26+81.77	56.97LT	699.35
E	26+79.54	55.66LT	(699.35)
F	26+77.61	59.34LT	(699.34)
G	26+79.96	60.42LT	(699.75)
H	26+84.53	64.59LT	(699.80)
I	26+89.53	64.63LT	(699.69)
J	26+83.49	57.99LT	699.44
K	26+89.59	58.04LT	699.53
L	26+84.54	62.21LT	699.67
M	26+83.59	61.21LT	699.67



POINT	STA.	OFFSET	ELEV.
A	25+75.49	48.15RT	(699.92)
B	25+75.58	44.16RT	(700.04)
C	25+83.57	44.43RT	699.47
D	25+83.44	48.42RT	699.53
E	25+69.35	25.69RT	(699.78)
F	25+84.53	39.10RT	699.42
G	25+83.65	40.98RT	699.42
H	25+93.79	48.78RT	699.38
I	25+95.59	47.20RT	(699.38)
J	25+99.10	51.99RT	(699.27)



POINT	STA.	OFFSET	ELEV.
A	26+81.17	61.60RT	(698.87)
B	26+86.49	55.22RT	698.82
C	26+84.70	54.15RT	698.82
D	26+94.08	43.29RT	(698.98)
E	26+95.40	44.90RT	698.98
F	26+97.32	40.88RT	(699.00)
G	26+96.98	61.35RT	698.21
H	27+02.13	53.42RT	698.35
I	27+14.04	45.38RT	(698.71)
J	27+17.31	54.20RT	(698.08)
K	27+09.98	59.55RT	698.20
L	27+07.25	64.98RT	698.11
M	26+95.86	72.37RT	(698.11)
N	27+06.47	70.82RT	(697.62)

LEGEND:

TOPSOIL 6" SODDING, SALT TOLERANT

TOPSOIL 6" SODDING

DETECTABLE WARNING

KNIGHT
Engineers & Architects

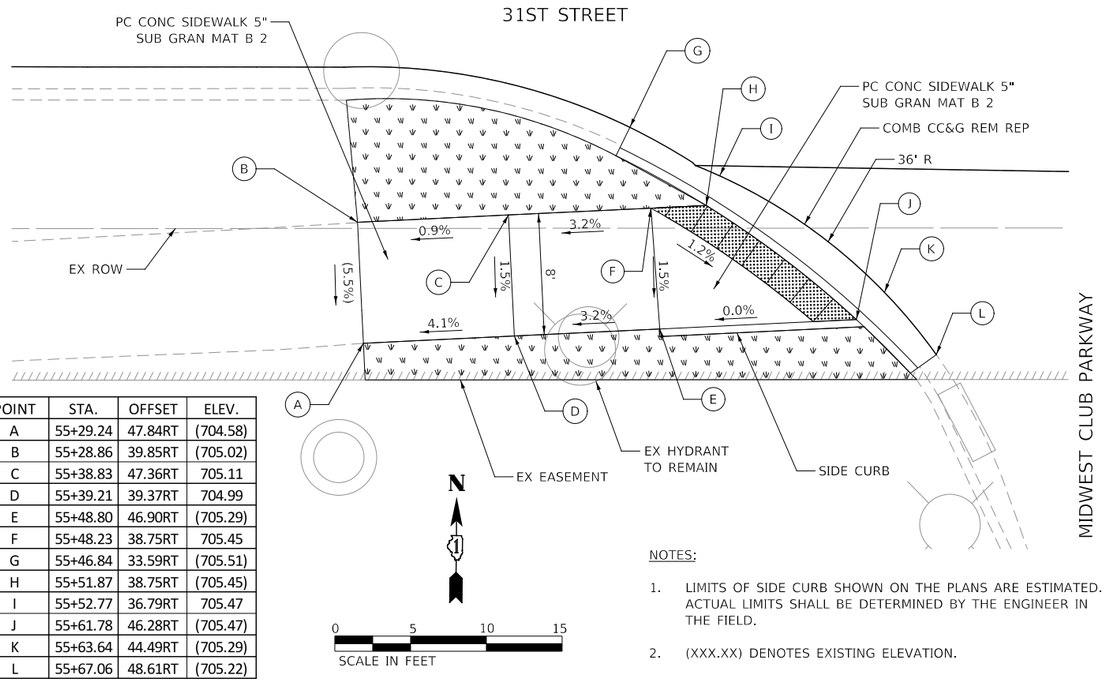
DESIGNED	- D.M.S.	REVISED	-
DRAWN	- D.M.S.	REVISED	-
CHECKED	- D.J.C.	REVISED	-
DATE	- 09-01-2020	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
MEYERS ROAD

SCALE: AS SHOWN | SHEET 1 OF 10 SHEETS | STA. | TO STA.

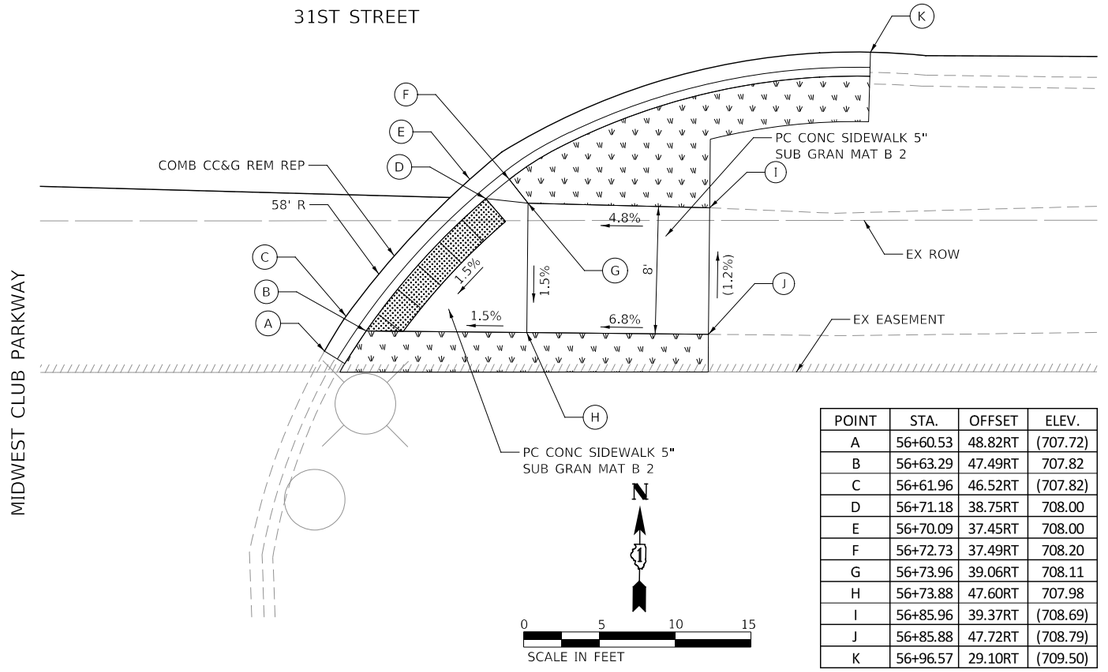
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	149
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			



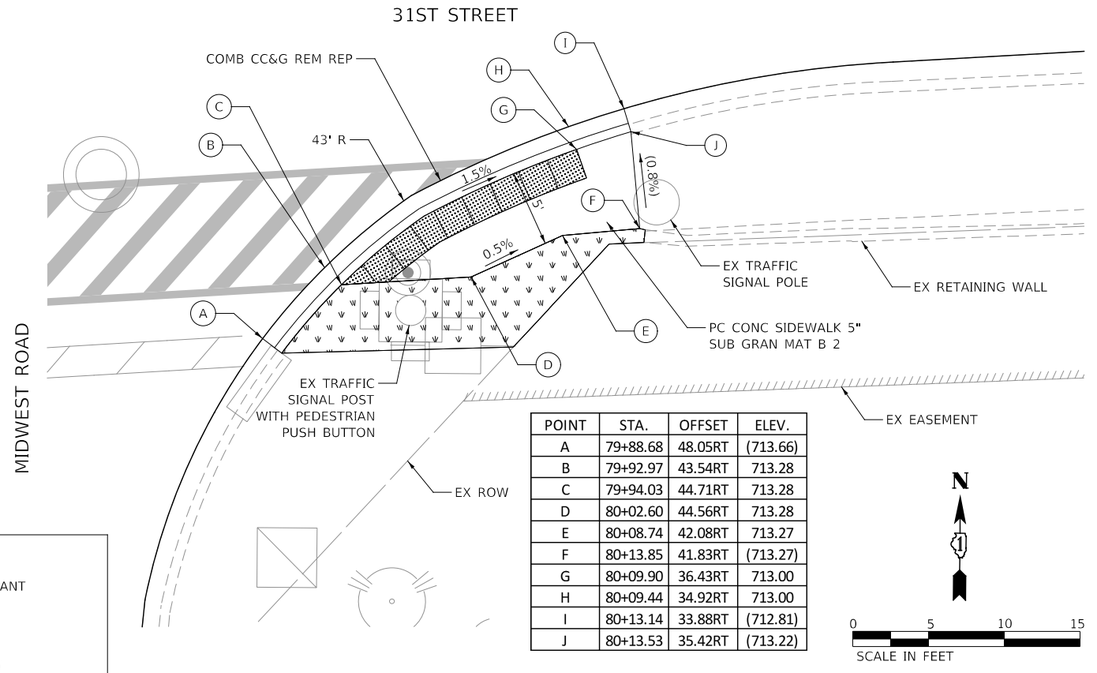
POINT	STA.	OFFSET	ELEV.
A	55+29.24	47.84RT	(704.58)
B	55+28.86	39.85RT	(705.02)
C	55+38.83	47.36RT	705.11
D	55+39.21	39.37RT	704.99
E	55+48.80	46.90RT	(705.29)
F	55+48.23	38.75RT	705.45
G	55+46.84	33.59RT	(705.51)
H	55+51.87	38.75RT	(705.45)
I	55+52.77	36.79RT	705.47
J	55+61.78	46.28RT	(705.47)
K	55+63.64	44.49RT	(705.29)
L	55+67.06	48.61RT	(705.22)

NOTES:

1. LIMITS OF SIDE CURB SHOWN ON THE PLANS ARE ESTIMATED. ACTUAL LIMITS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. (XXX.XX) DENOTES EXISTING ELEVATION.



POINT	STA.	OFFSET	ELEV.
A	56+60.53	48.82RT	(707.72)
B	56+63.29	47.49RT	707.82
C	56+61.96	46.52RT	(707.82)
D	56+71.18	38.75RT	708.00
E	56+70.09	37.45RT	708.00
F	56+72.73	37.49RT	708.20
G	56+73.96	39.06RT	708.11
H	56+73.88	47.60RT	707.98
I	56+85.96	39.37RT	(708.69)
J	56+85.88	47.72RT	(708.79)
K	56+96.57	29.10RT	(709.50)



POINT	STA.	OFFSET	ELEV.
A	79+88.68	48.05RT	(713.66)
B	79+92.97	43.54RT	713.28
C	79+94.03	44.71RT	713.28
D	80+02.60	44.56RT	713.28
E	80+08.74	42.08RT	713.27
F	80+13.85	41.83RT	(713.27)
G	80+09.90	36.43RT	713.00
H	80+09.44	34.92RT	713.00
I	80+13.14	33.88RT	(712.81)
J	80+13.53	35.42RT	(713.22)

LEGEND:

- TOPSOIL 6" SODDING, SALT TOLERANT
- TOPSOIL 6" SODDING
- DETECTABLE WARNING

KNIGHT
Engineers & Architects

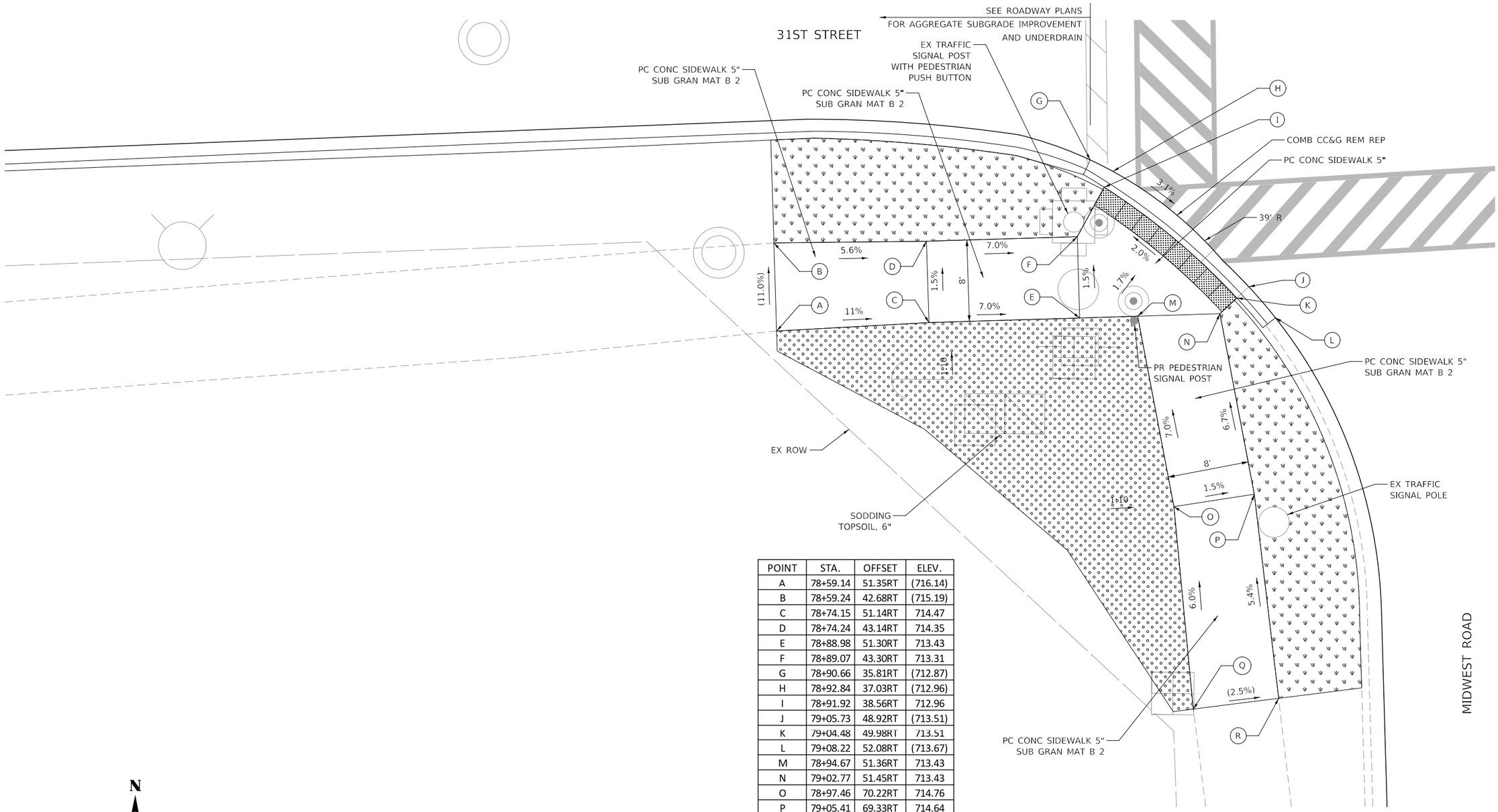
DESIGNED	- D.M.S.	REVISED	-
DRAWN	- D.M.S.	REVISED	-
CHECKED	- D.J.C.	REVISED	-
DATE	- 09-01-2020	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
MIDWEST CLUB PARKWAY & MIDWEST ROAD

SCALE: AS SHOWN | SHEET 2 OF 10 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	150
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		



POINT	STA.	OFFSET	ELEV.
A	78+59.14	51.35RT	(716.14)
B	78+59.24	42.68RT	(715.19)
C	78+74.15	51.14RT	714.47
D	78+74.24	43.14RT	714.35
E	78+88.98	51.30RT	713.43
F	78+89.07	43.30RT	713.31
G	78+90.66	35.81RT	(712.87)
H	78+92.84	37.03RT	(712.96)
I	78+91.92	38.56RT	712.96
J	79+05.73	48.92RT	(713.51)
K	79+04.48	49.98RT	713.51
L	79+08.22	52.08RT	(713.67)
M	78+94.67	51.36RT	713.43
N	79+02.77	51.45RT	713.43
O	78+97.46	70.22RT	714.76
P	79+05.41	69.33RT	714.64
Q	78+98.54	90.20RT	(715.95)
R	79+06.97	89.49RT	(715.74)

N

0 5 10 15
SCALE IN FEET

NOTES:

1. LIMITS OF SIDE CURB SHOWN ON THE PLANS ARE ESTIMATED. ACTUAL LIMITS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. (XXX.XX) DENOTES EXISTING ELEVATION.

LEGEND:

- TOPSOIL 6" SODDING, SALT TOLERANT
- TOPSOIL 6" SODDING
- DETECTABLE WARNING

KNIGHT
Engineers & Architects

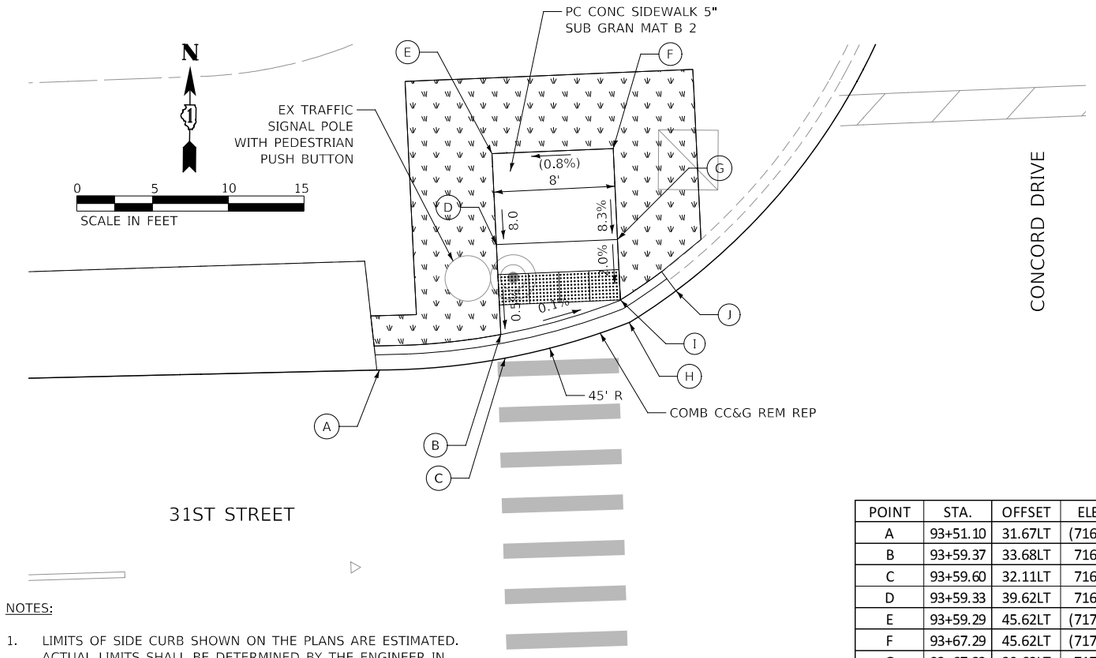
DESIGNED -	D.M.S.	REVISED -
DRAWN -	D.M.S.	REVISED -
CHECKED -	D.J.C.	REVISED -
DATE -	09-01-2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
MIDWEST ROAD

SCALE: AS SHOWN | SHEET 3 OF 10 SHEETS | STA. | TO STA.

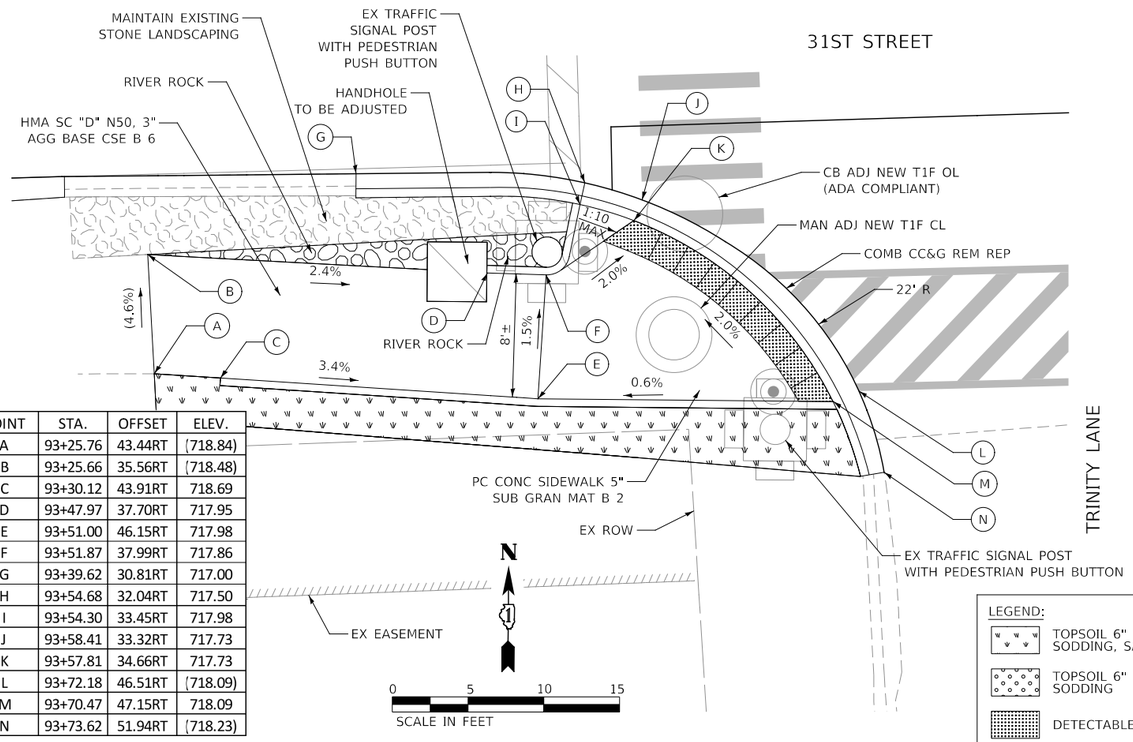
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	151
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			



POINT	STA.	OFFSET	ELEV.
A	93+51.10	31.67LT	(716.98)
B	93+59.37	33.68LT	716.95
C	93+59.60	32.11LT	716.95
D	93+59.33	39.62LT	716.98
E	93+59.29	45.62LT	(717.46)
F	93+67.29	45.62LT	(717.53)
G	93+67.33	39.62LT	717.02
H	93+67.88	34.11LT	(716.94)
I	93+67.36	35.62LT	716.94
J	93+71.05	36.07LT	(716.93)

NOTES:

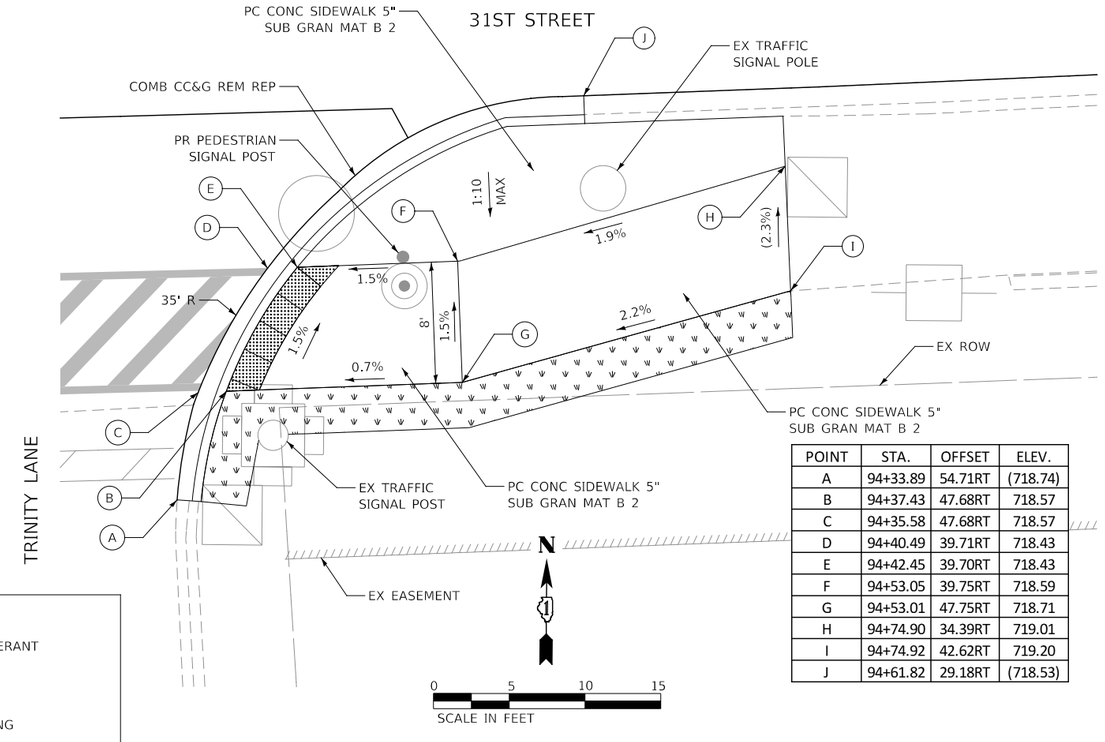
1. LIMITS OF SIDE CURB SHOWN ON THE PLANS ARE ESTIMATED. ACTUAL LIMITS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. (XXX.XX) DENOTES EXISTING ELEVATION.



POINT	STA.	OFFSET	ELEV.
A	93+25.76	43.44RT	(718.84)
B	93+25.66	35.56RT	(718.48)
C	93+30.12	43.91RT	718.69
D	93+47.97	37.70RT	717.95
E	93+51.00	46.15RT	717.98
F	93+51.87	37.99RT	717.86
G	93+39.62	30.81RT	717.00
H	93+54.68	32.04RT	717.50
I	93+54.30	33.45RT	717.98
J	93+58.41	33.32RT	717.73
K	93+57.81	34.66RT	717.73
L	93+72.18	46.51RT	(718.09)
M	93+70.47	47.15RT	718.09
N	93+73.62	51.94RT	(718.23)

LEGEND:

- TOPSOIL 6" SODDING, SALT TOLERANT
- TOPSOIL 6" SODDING
- DETECTABLE WARNING



POINT	STA.	OFFSET	ELEV.
A	94+33.89	54.71RT	(718.74)
B	94+37.43	47.68RT	718.57
C	94+35.58	47.68RT	718.57
D	94+40.49	39.71RT	718.43
E	94+42.45	39.70RT	718.43
F	94+53.05	39.75RT	718.59
G	94+53.01	47.75RT	718.71
H	94+74.90	34.39RT	719.01
I	94+74.92	42.62RT	719.20
J	94+61.82	29.18RT	(718.53)

KNIGHT
Engineers & Architects

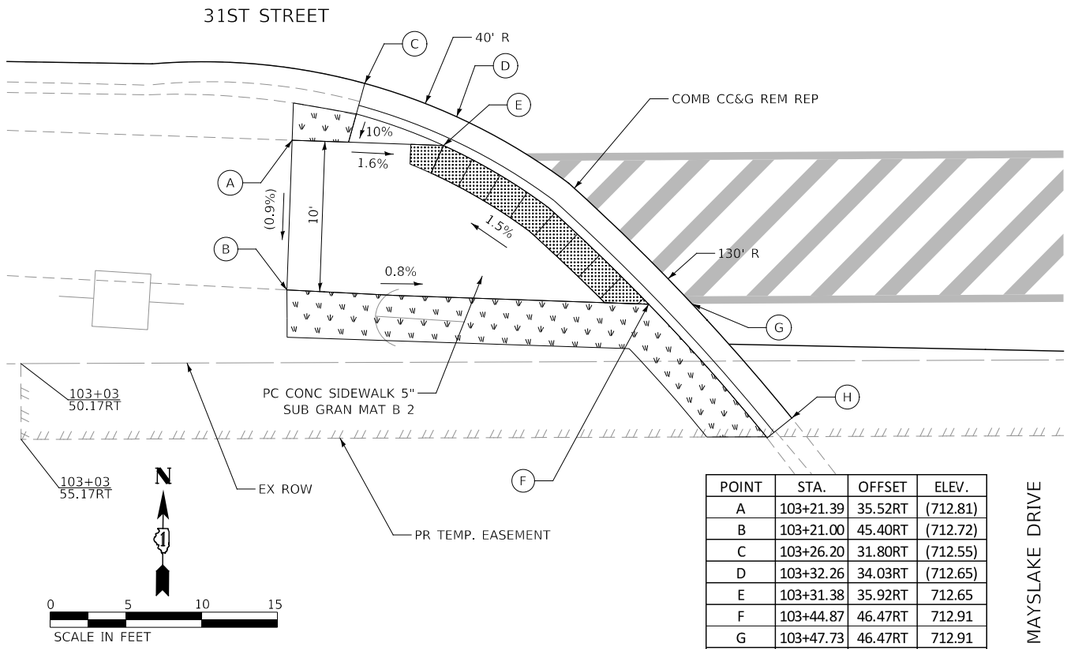
DESIGNED - D.M.S.		REVISED -
DRAWN - D.M.S.		REVISED -
CHECKED - D.J.C.		REVISED -
DATE - 09-01-2020		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

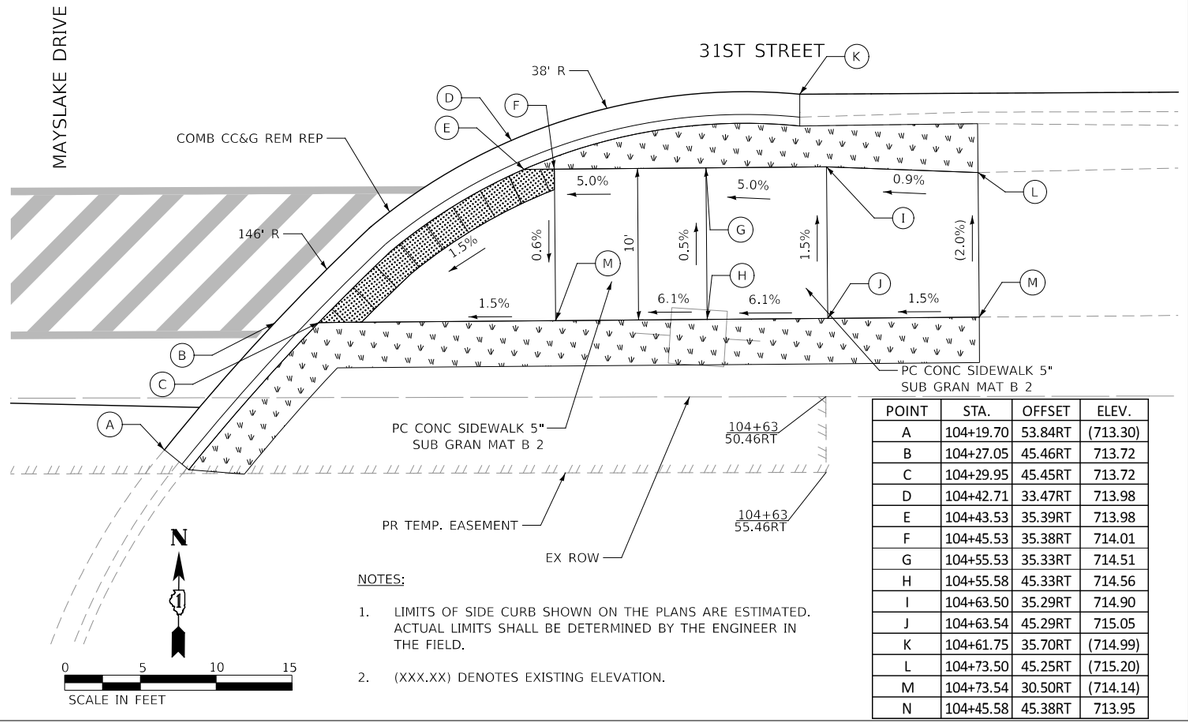
ADA RAMP DETAILS
CONCORD DRIVE & TRINITY LANE

SCALE: AS SHOWN | SHEET 4 OF 10 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	152
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		



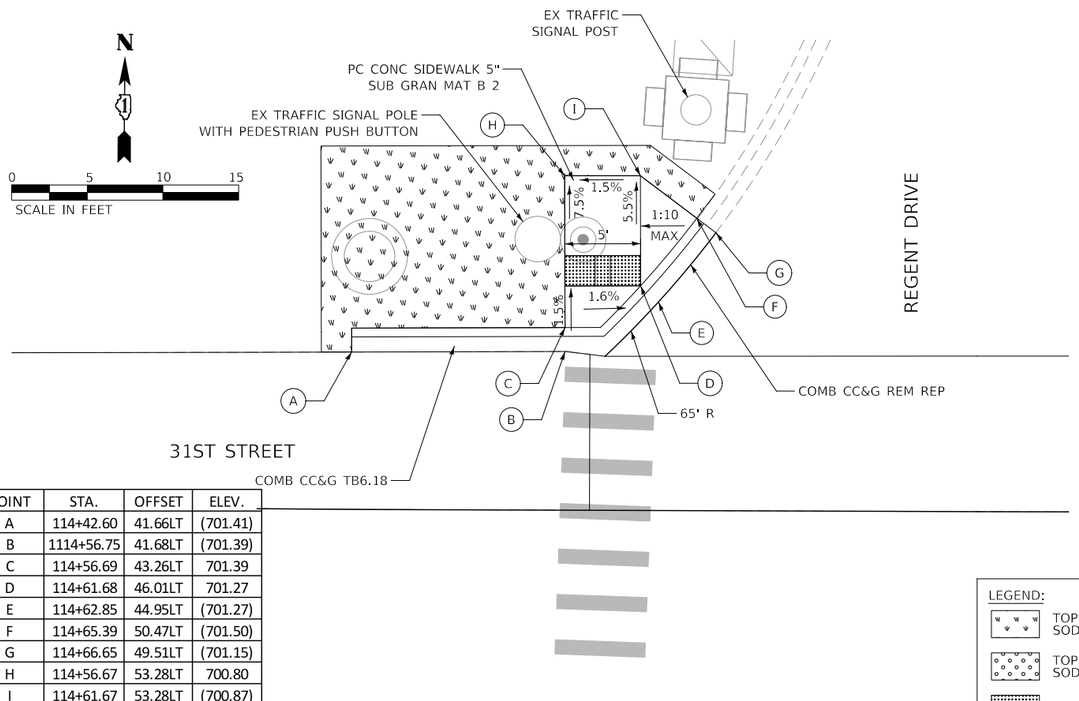
POINT	STA.	OFFSET	ELEV.
A	103+21.39	35.52RT	(712.81)
B	103+21.00	45.40RT	(712.72)
C	103+26.20	31.80RT	(712.55)
D	103+32.26	34.03RT	(712.65)
E	103+31.38	35.92RT	712.65
F	103+44.87	46.47RT	712.91
G	103+47.73	46.47RT	712.91
H	103+54.27	54.04RT	(713.17)



NOTES:

1. LIMITS OF SIDE CURB SHOWN ON THE PLANS ARE ESTIMATED. ACTUAL LIMITS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. (XXX.XX) DENOTES EXISTING ELEVATION.

POINT	STA.	OFFSET	ELEV.
A	104+19.70	53.84RT	(713.30)
B	104+27.05	45.46RT	713.72
C	104+29.95	45.45RT	713.72
D	104+42.71	33.47RT	713.98
E	104+43.53	35.39RT	713.98
F	104+45.53	35.38RT	714.01
G	104+55.53	35.33RT	714.51
H	104+55.58	45.33RT	714.56
I	104+63.50	35.29RT	714.90
J	104+63.54	45.29RT	715.05
K	104+61.75	35.70RT	(714.99)
L	104+73.50	45.25RT	(715.20)
M	104+73.54	30.50RT	(714.14)
N	104+45.58	45.38RT	713.95

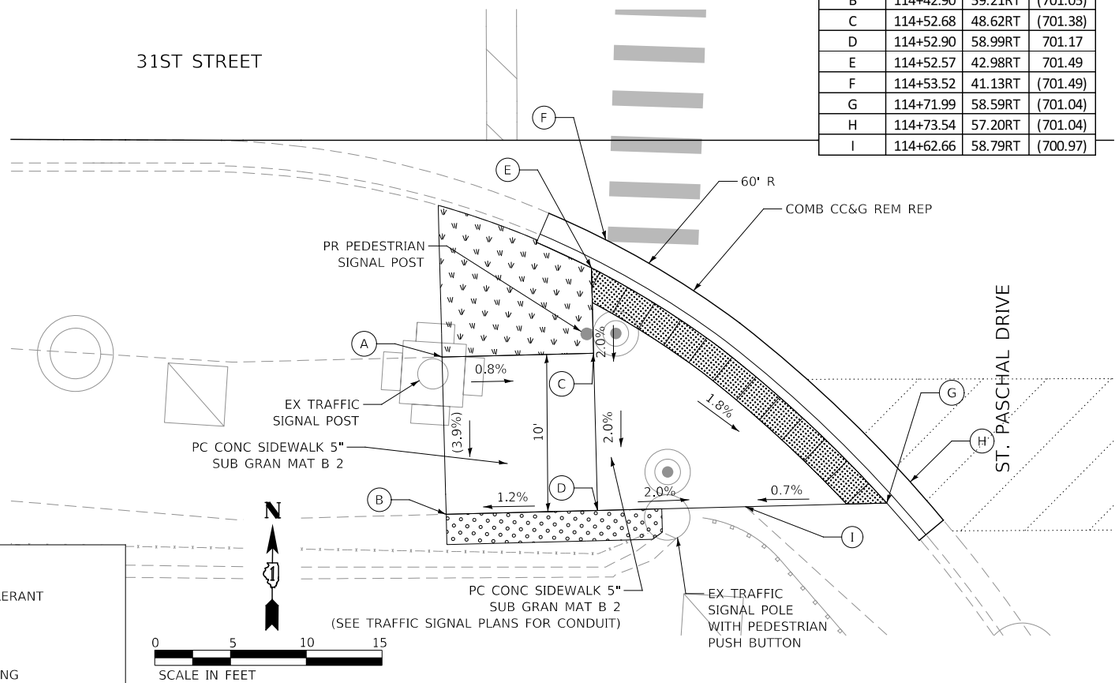


POINT	STA.	OFFSET	ELEV.
A	114+42.60	41.66LT	(701.41)
B	1114+56.75	41.68LT	(701.39)
C	114+56.69	43.26LT	701.39
D	114+61.68	46.01LT	701.27
E	114+62.85	44.95LT	(701.27)
F	114+65.39	50.47LT	(701.50)
G	114+66.65	49.51LT	(701.15)
H	114+56.67	53.28LT	700.80
I	114+61.67	53.28LT	(700.87)

LEGEND:

- TOPSOIL 6" SODDING, SALT TOLERANT
- TOPSOIL 6" SODDING
- DETECTABLE WARNING

POINT	STA.	OFFSET	ELEV.
A	114+42.68	48.83RT	(701.46)
B	114+42.90	59.21RT	(701.05)
C	114+52.68	48.62RT	(701.38)
D	114+52.90	58.99RT	701.17
E	114+52.57	42.98RT	701.49
F	114+53.52	41.13RT	(701.49)
G	114+71.99	58.59RT	(701.04)
H	114+73.54	57.20RT	(701.04)
I	114+62.66	58.79RT	(700.97)



KNIGHT
Engineers & Architects

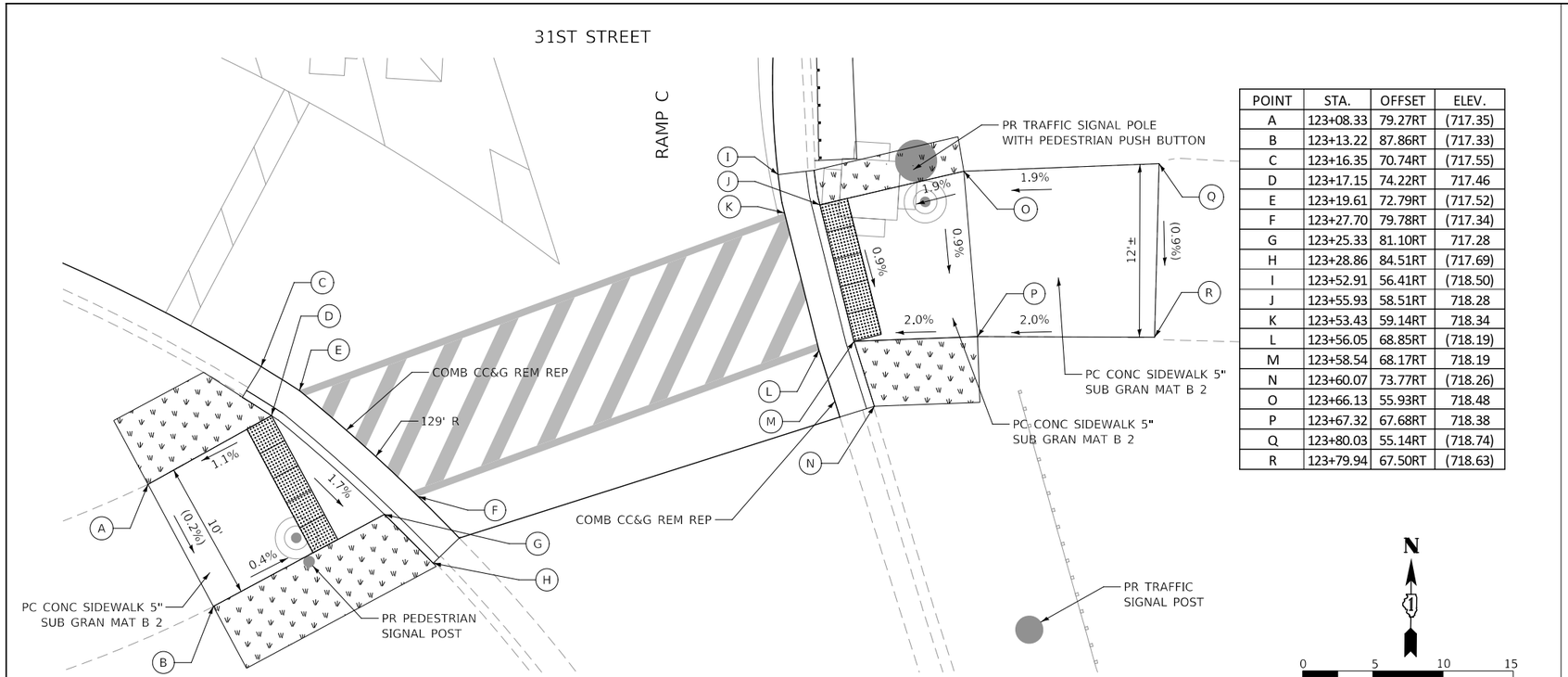
	DESIGNED - D.M.S.	REVISED -	
	DRAWN - D.M.S.	REVISED -	
	CHECKED - D.J.C.	REVISED -	
	DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
MAYSLAKE DRIVE, REGENT DRIVE & ST. PASCHAL DRIVE

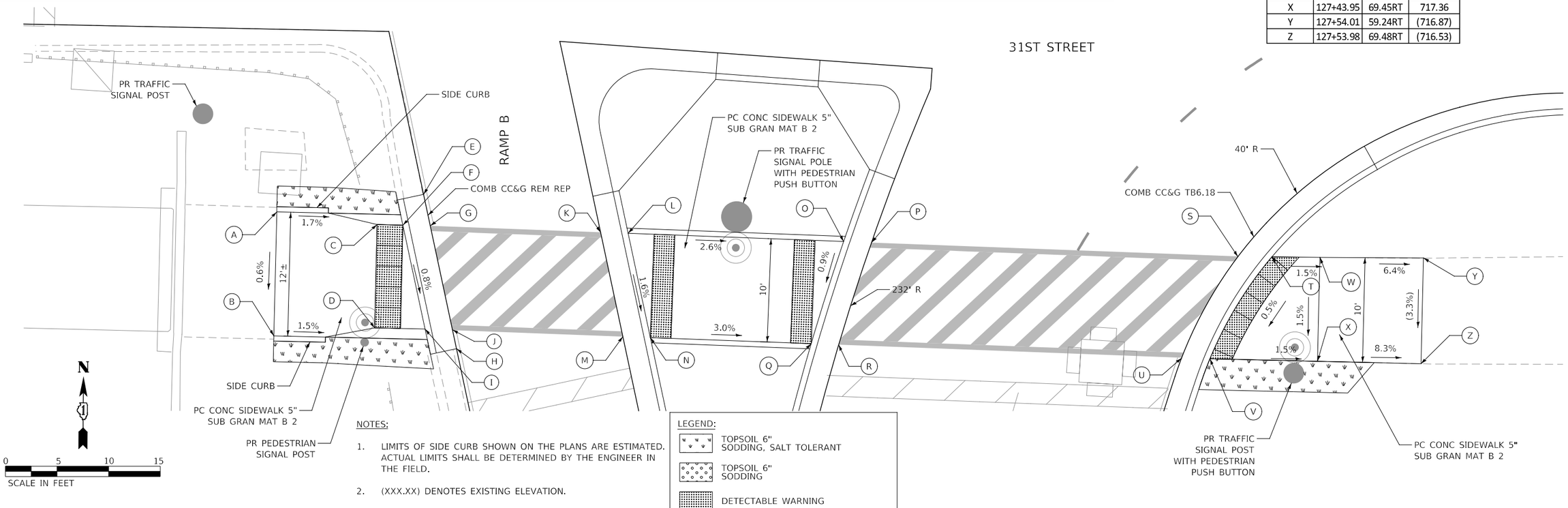
SCALE: AS SHOWN | SHEET 5 OF 10 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	153
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			



POINT	STA.	OFFSET	ELEV.
A	123+08.33	79.27RT	(717.35)
B	123+13.22	87.86RT	(717.33)
C	123+16.35	70.74RT	(717.55)
D	123+17.15	74.22RT	717.46
E	123+19.61	72.79RT	(717.52)
F	123+27.70	79.78RT	(717.34)
G	123+25.33	81.10RT	717.28
H	123+28.86	84.51RT	(717.69)
I	123+52.91	56.41RT	(718.50)
J	123+55.93	58.51RT	718.28
K	123+53.43	59.14RT	718.34
L	123+56.05	68.85RT	(718.19)
M	123+58.54	68.17RT	718.19
N	123+60.07	73.77RT	(718.26)
O	123+66.13	55.93RT	718.48
P	123+67.32	67.68RT	718.38
Q	123+80.03	55.14RT	(718.74)
R	123+79.94	67.50RT	(718.63)

POINT	STA.	OFFSET	ELEV.
A	126+42.89	57.02RT	(718.97)
B	126+42.85	69.02RT	(718.90)
C	126+52.62	58.05RT	718.80
D	126+52.59	68.05RT	718.75
E	126+57.07	55.03RT	(718.91)
F	126+55.12	58.06RT	718.76
G	126+57.78	58.07RT	718.76
H	126+60.56	69.91RT	(718.63)
I	126+57.47	68.07RT	718.68
J	126+60.13	68.08RT	718.68
K	126+74.28	58.36RT	718.86
L	126+76.95	58.41RT	718.86
M	126+76.64	68.41RT	718.69
N	126+79.30	68.45RT	718.69
O	126+97.83	58.78RT	718.32
P	127+00.53	58.83RT	718.32
Q	126+94.89	68.73RT	718.23
R	126+97.56	68.78RT	718.23
S	127+36.04	59.49RT	717.58
T	127+39.34	59.44RT	717.58
U	127+30.78	69.41RT	717.52
V	127+33.54	69.42RT	717.52
W	127+43.99	59.39RT	717.51
X	127+43.95	69.45RT	717.36
Y	127+54.01	59.24RT	(716.87)
Z	127+53.98	69.48RT	(716.53)



NOTES:

1. LIMITS OF SIDE CURB SHOWN ON THE PLANS ARE ESTIMATED. ACTUAL LIMITS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. (XXX.XX) DENOTES EXISTING ELEVATION.

LEGEND:

- TOPSOIL 6" SODDING, SALT TOLERANT
- TOPSOIL 6" SODDING
- DETECTABLE WARNING

KNIGHT
Engineers & Architects

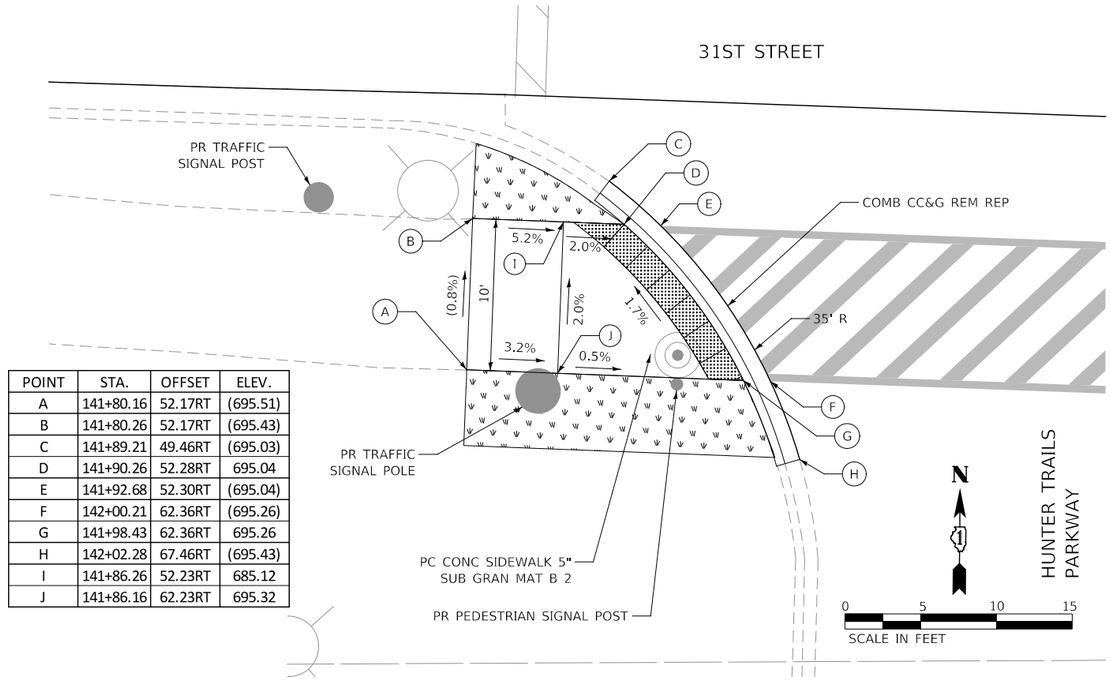
DESIGNED -	D.M.S.	REVISED -
DRAWN -	D.M.S.	REVISED -
CHECKED -	D.J.C.	REVISED -
DATE -	09-01-2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

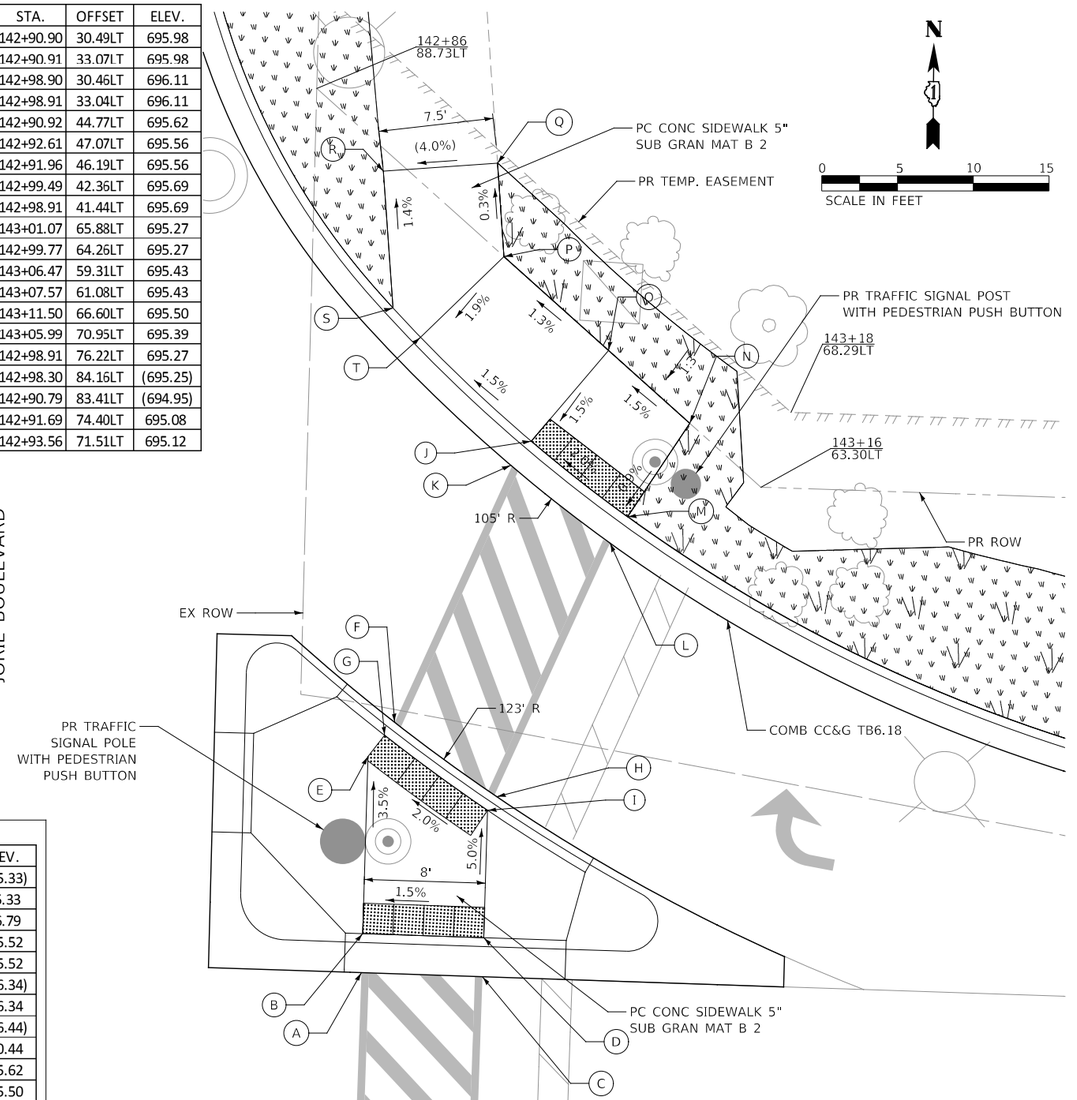
ADA RAMP DETAILS
RAMP B & RAMP C

SCALE: AS SHOWN | SHEET 6 OF 10 SHEETS | STA. | TO STA.

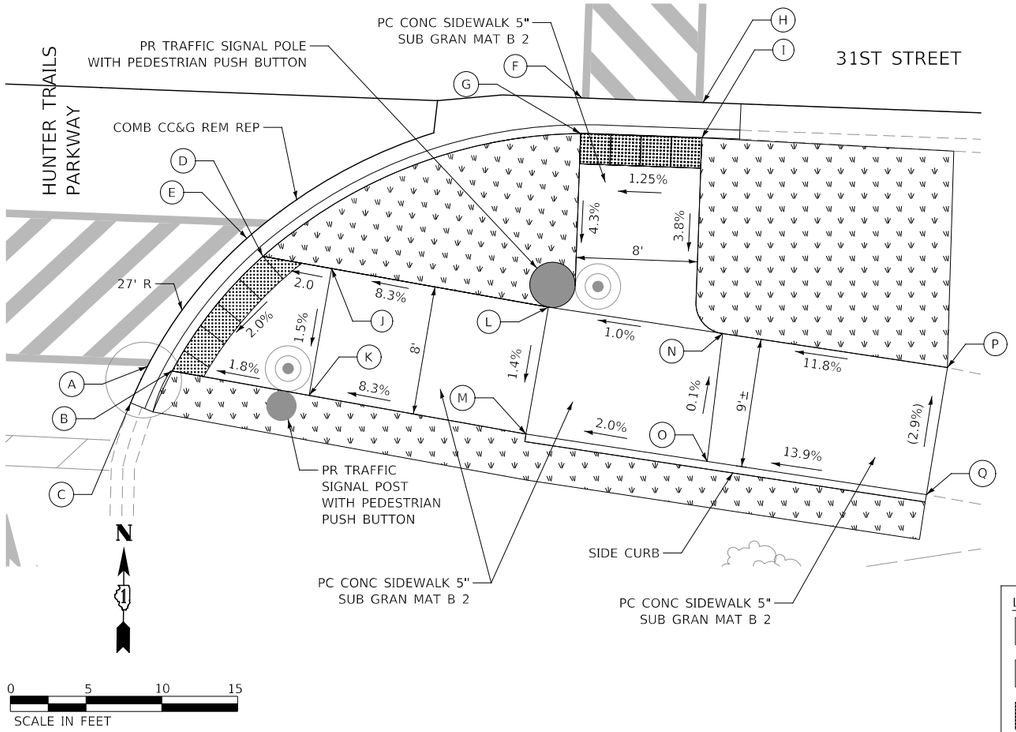
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	154
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			



POINT	STA.	OFFSET	ELEV.
A	141+80.16	52.17RT	(695.51)
B	141+80.26	52.17RT	(695.43)
C	141+89.21	49.46RT	(695.03)
D	141+90.26	52.28RT	695.04
E	141+92.68	52.30RT	(695.04)
F	142+00.21	62.36RT	(695.26)
G	141+98.43	62.36RT	695.26
H	142+02.28	67.46RT	(695.43)
I	141+86.26	52.23RT	685.12
J	141+86.16	62.23RT	695.32



POINT	STA.	OFFSET	ELEV.
A	142+90.90	30.49LT	695.98
B	142+90.91	33.07LT	695.98
C	142+98.90	30.46LT	696.11
D	142+98.91	33.04LT	696.11
E	142+90.92	44.77LT	695.62
F	142+92.61	47.07LT	695.56
G	142+91.96	46.19LT	695.56
H	142+99.49	42.36LT	695.69
I	142+98.91	41.44LT	695.69
J	143+01.07	65.88LT	695.27
K	142+99.77	64.26LT	695.27
L	143+06.47	59.31LT	695.43
M	143+07.57	61.08LT	695.43
N	143+11.50	66.60LT	695.50
O	143+05.99	70.95LT	695.39
P	142+98.91	76.22LT	695.27
Q	142+98.30	84.16LT	(695.25)
R	142+90.79	83.41LT	(694.95)
S	142+91.69	74.40LT	695.08
T	142+93.56	71.51LT	695.12



POINT	STA.	OFFSET	ELEV.
A	142+62.38	62.85RT	(695.33)
B	142+64.03	63.10RT	695.33
C	142+61.35	65.29RT	696.79
D	142+69.77	55.35RT	695.52
E	142+68.70	54.19RT	695.52
F	142+90.51	44.26RT	(696.34)
G	142+90.49	46.62RT	696.34
H	142+98.51	44.32RT	(696.44)
I	142+98.49	46.64RT	690.44
J	142+74.34	56.02RT	695.62
K	142+73.10	64.43RT	695.50
L	142+88.72	58.14RT	696.82
M	142+87.48	66.55RT	696.70
N	143+00.27	59.53RT	696.94
O	142+99.50	67.99RT	696.94
P	143+15.16	61.31RT	(698.72)
Q	143+14.02	69.74RT	(698.97)

LEGEND:

- TOPSOIL 6" SODDING, SALT TOLERANT
- TOPSOIL 6" SODDING
- DETECTABLE WARNING

NOTES:

1. LIMITS OF SIDE CURB SHOWN ON THE PLANS ARE ESTIMATED. ACTUAL LIMITS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. (XXX.XX) DENOTES EXISTING ELEVATION.

KNIGHT Engineers & Architects

DESIGNED - D.M.S.		REVISED -
DRAWN - D.M.S.		REVISED -
CHECKED - D.J.C.		REVISED -
DATE - 09-01-2020		REVISED -

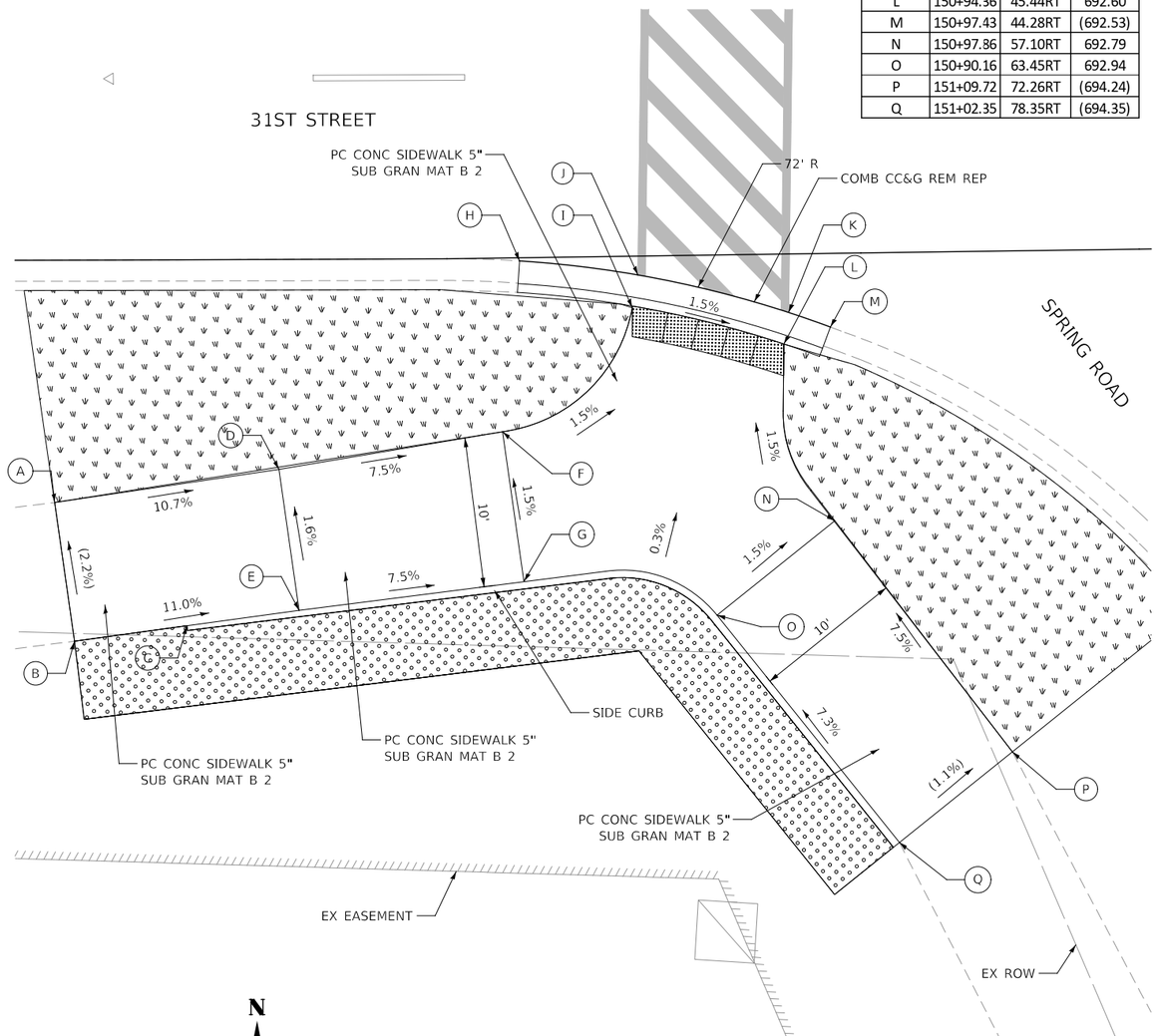
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

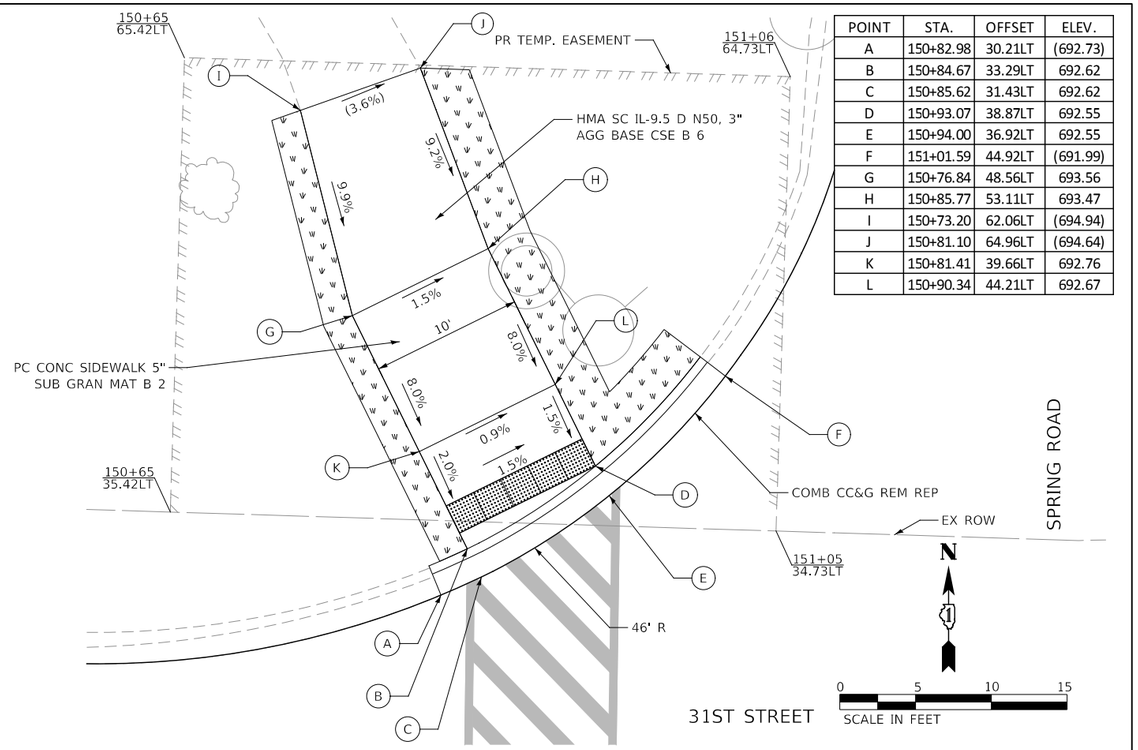
ADA RAMP DETAILS
JORIE BOULEVARD & HUNTER TRAILS PARKWAY

SCALE: AS SHOWN | SHEET 7 OF 10 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	155
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		

POINT	STA.	OFFSET	ELEV.
A	150+46.41	56.57RT	(695.74)
B	150+47.86	65.73RT	(695.94)
C	150+55.25	64.60RT	695.12
D	150+61.17	54.16RT	694.14
E	150+62.63	63.48RT	694.29
F	150+75.88	51.48RT	693.01
G	150+77.42	61.36RT	693.16
H	150+76.85	40.16RT	(693.23)
I	150+84.33	43.16RT	692.76
J	150+84.58	40.99RT	692.76
K	150+94.65	43.35RT	692.60
L	150+94.36	45.44RT	692.60
M	150+97.43	44.28RT	(692.53)
N	150+97.86	57.10RT	692.79
O	150+90.16	63.45RT	692.94
P	151+09.72	72.26RT	(694.24)
Q	151+02.35	78.35RT	(694.35)





POINT	STA.	OFFSET	ELEV.
A	150+82.98	30.21LT	(692.73)
B	150+84.67	33.29LT	692.62
C	150+85.62	31.43LT	692.62
D	150+93.07	38.87LT	692.55
E	150+94.00	36.92LT	692.55
F	151+01.59	44.92LT	(691.99)
G	150+76.84	48.56LT	693.56
H	150+85.77	53.11LT	693.47
I	150+73.20	62.06LT	(694.94)
J	150+81.10	64.96LT	(694.64)
K	150+81.41	39.66LT	692.76
L	150+90.34	44.21LT	692.67

NOTES:

1. LIMITS OF SIDE CURB SHOWN ON THE PLANS ARE ESTIMATED. ACTUAL LIMITS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. (XXX.XX) DENOTES EXISTING ELEVATION.

LEGEND:

- TOPSOIL 6" SODDING, SALT TOLERANT
- TOPSOIL 6" SODDING
- DETECTABLE WARNING

KNIGHT
Engineers & Architects

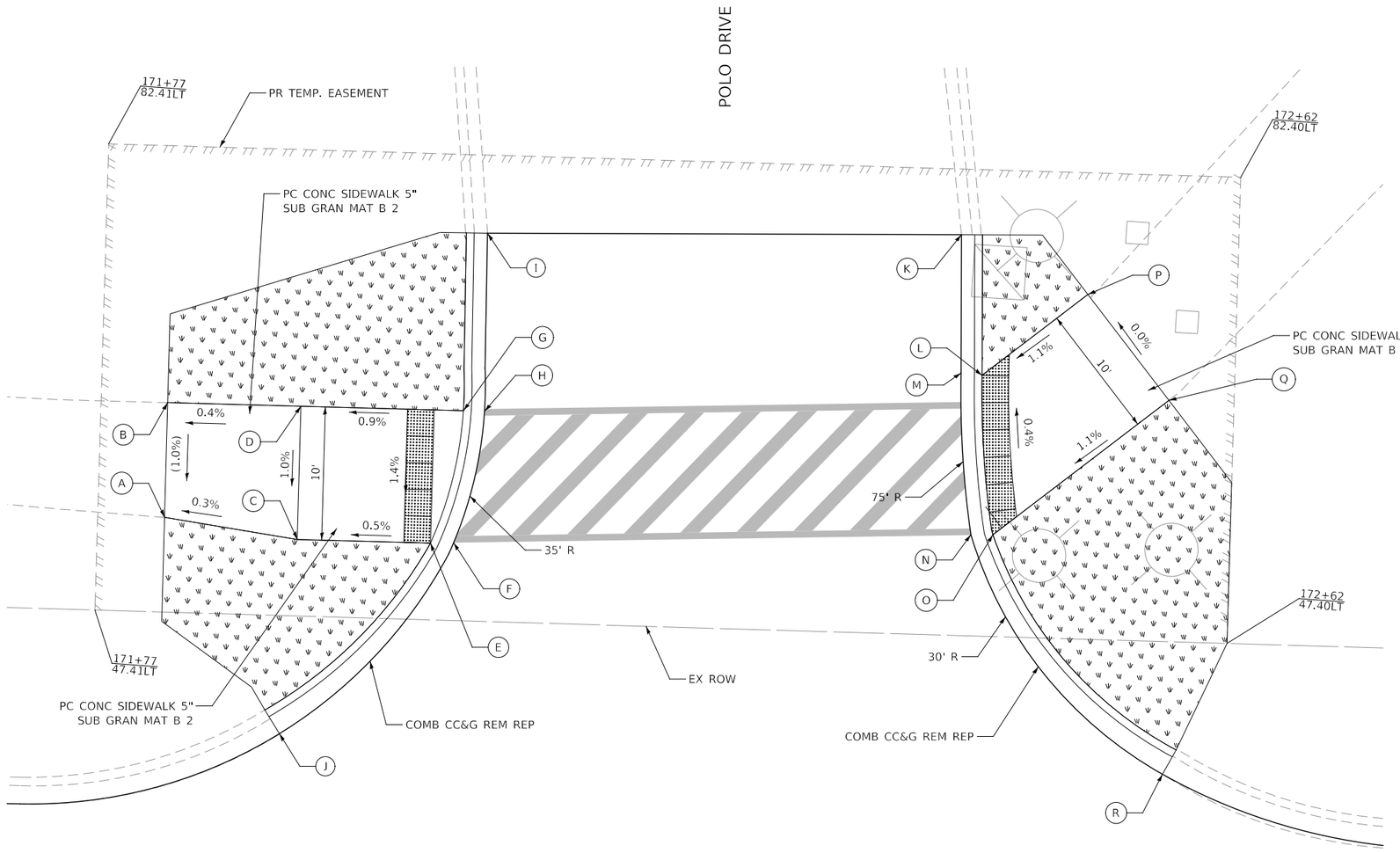
DESIGNED -	D.M.S.	REVISED -
DRAWN -	D.M.S.	REVISED -
CHECKED -	D.J.C.	REVISED -
DATE -	09-01-2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
SPRING ROAD

SCALE: AS SHOWN | SHEET 8 OF 10 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	156
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		



POINT	STA.	OFFSET	ELEV.
A	171+82.27	54.51LT	(664.72)
B	171+82.25	63.12LT	(664.81)
C	171+92.27	53.15LT	664.75
D	171+92.25	63.15LT	664.85
E	172+02.27	53.17LT	664.80
F	172+04.01	53.24LT	664.80
G	172+04.46	63.17LT	664.96
H	172+06.04	63.18LT	664.96
I	172+05.87	76.54LT	(665.22)
J	171+91.36	38.54LT	(664.18)
K	172+41.43	77.47LT	(665.15)
L	172+43.29	66.97LT	665.19
M	172+41.70	66.93LT	665.19
N	172+42.80	54.99LT	665.24
O	172+44.46	55.03LT	665.24
P	172+51.05	73.27LT	(665.30)
Q	172+57.35	65.51LT	(665.29)
R	172+57.70	37.45LT	(665.41)

NOTES:

1. LIMITS OF SIDE CURB SHOWN ON THE PLANS ARE ESTIMATED. ACTUAL LIMITS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. (XXX.XX) DENOTES EXISTING ELEVATION.

LEGEND:

- TOPSOIL 6" SODDING, SALT TOLERANT
- TOPSOIL 6" SODDING
- DETECTABLE WARNING

N

0 5 10 15

SCALE IN FEET

KNIGHT
Engineers & Architects

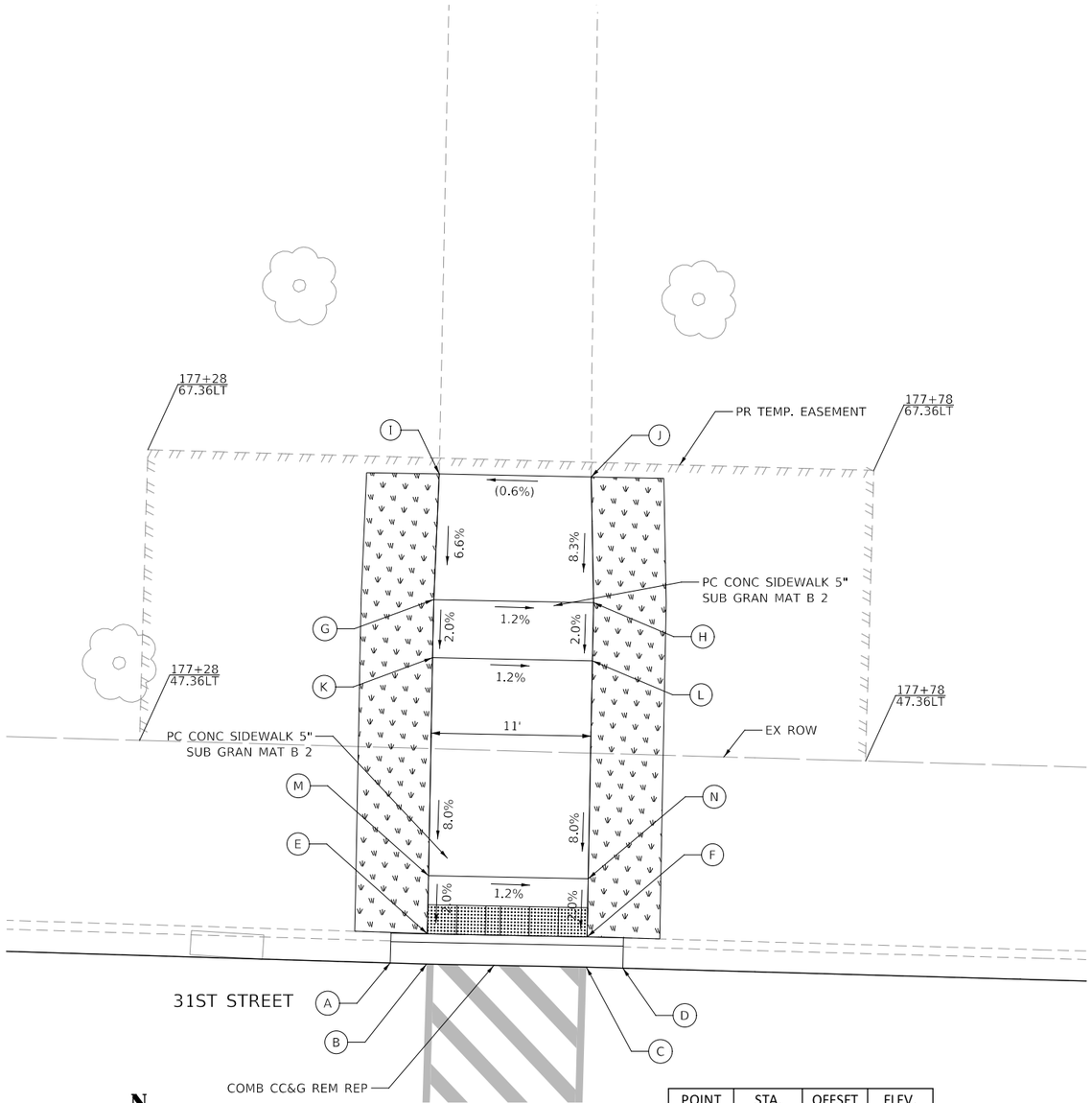
	DESIGNED - D.M.S.	REVISED -	
	DRAWN - D.M.S.	REVISED -	
	CHECKED - D.J.C.	REVISED -	
	DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ADA RAMP DETAILS
POLO DRIVE

SCALE: AS SHOWN | SHEET 9 OF 10 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	157
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			



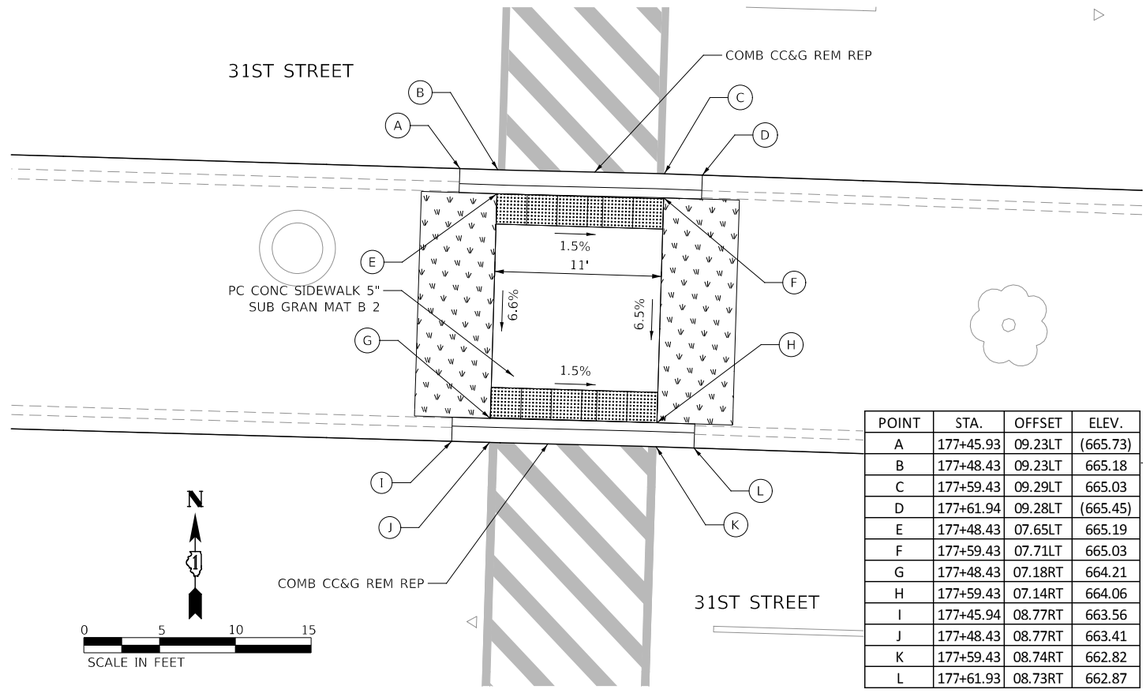
NOTES:

1. LIMITS OF SIDE CURB SHOWN ON THE PLANS ARE ESTIMATED. ACTUAL LIMITS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.
2. (XXX.XX) DENOTES EXISTING ELEVATION.

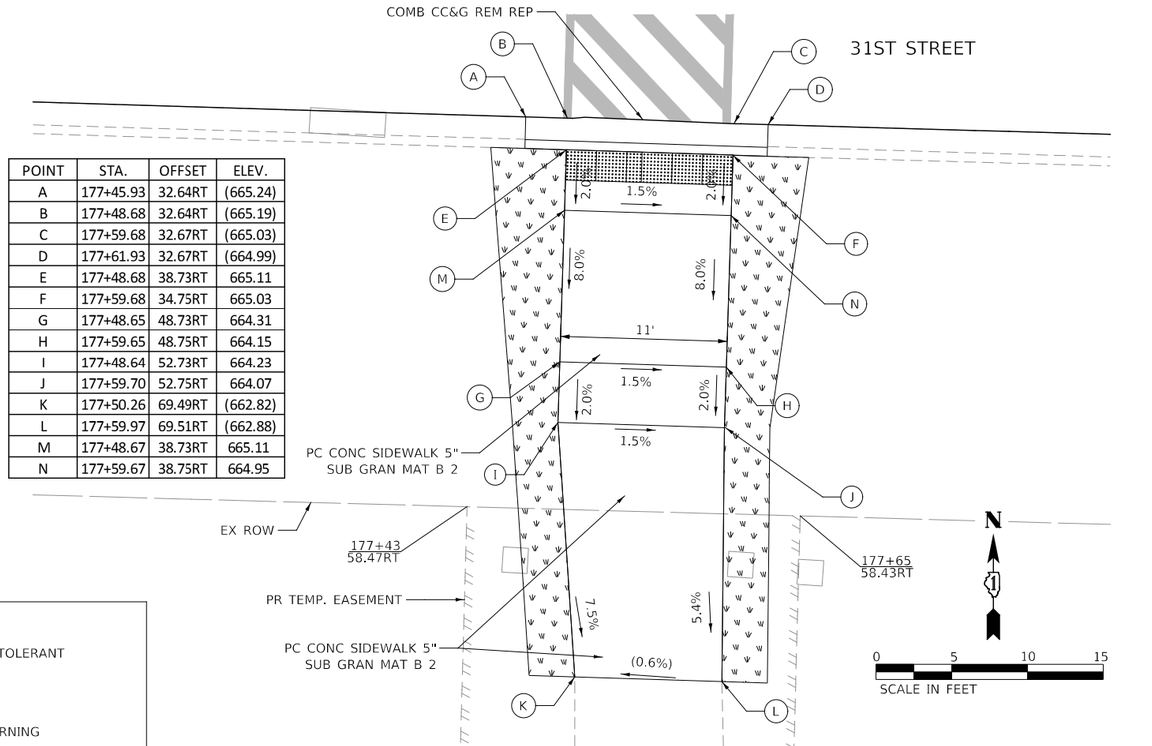
POINT	STA.	OFFSET	ELEV.
A	177+45.93	32.54LT	(665.12)
B	177+48.43	32.53LT	(665.08)
C	177+59.44	32.63LT	(664.95)
D	177+61.95	32.63LT	(664.91)
E	177+48.43	34.61LT	665.08
F	177+59.43	34.71LT	664.95
G	177+48.22	57.61LT	666.44
H	177+59.22	57.71LT	666.31
I	177+48.35	66.26LT	(667.01)
J	177+58.82	66.36LT	(667.03)
K	177+48.26	53.61LT	666.36
L	177+59.26	53.71LT	666.23
M	177+48.40	38.61LT	665.16
N	177+59.40	38.71LT	665.03

LEGEND:

- TOPSOIL 6" SODDING, SALT TOLERANT
- TOPSOIL 6" SODDING
- DETECTABLE WARNING



POINT	STA.	OFFSET	ELEV.
A	177+45.93	09.23LT	(665.73)
B	177+48.43	09.23LT	665.18
C	177+59.43	09.29LT	665.03
D	177+61.94	09.28LT	(665.45)
E	177+48.43	07.65LT	665.19
F	177+59.43	07.71LT	665.03
G	177+48.43	07.18RT	664.21
H	177+59.43	07.14RT	664.06
I	177+45.94	08.77RT	663.56
J	177+48.43	08.77RT	663.41
K	177+59.43	08.74RT	662.82
L	177+61.93	08.73RT	662.87



POINT	STA.	OFFSET	ELEV.
A	177+45.93	32.64RT	(665.24)
B	177+48.68	32.64RT	(665.19)
C	177+59.68	32.67RT	(665.03)
D	177+61.93	32.67RT	(664.99)
E	177+48.68	38.73RT	665.11
F	177+59.68	34.75RT	665.03
G	177+48.65	48.73RT	664.31
H	177+59.65	48.75RT	664.15
I	177+48.64	52.73RT	664.23
J	177+59.70	52.75RT	664.07
K	177+50.26	69.49RT	(662.82)
L	177+59.97	69.51RT	(662.88)
M	177+48.67	38.73RT	665.11
N	177+59.67	38.75RT	664.95

KNIGHT
Engineers & Architects

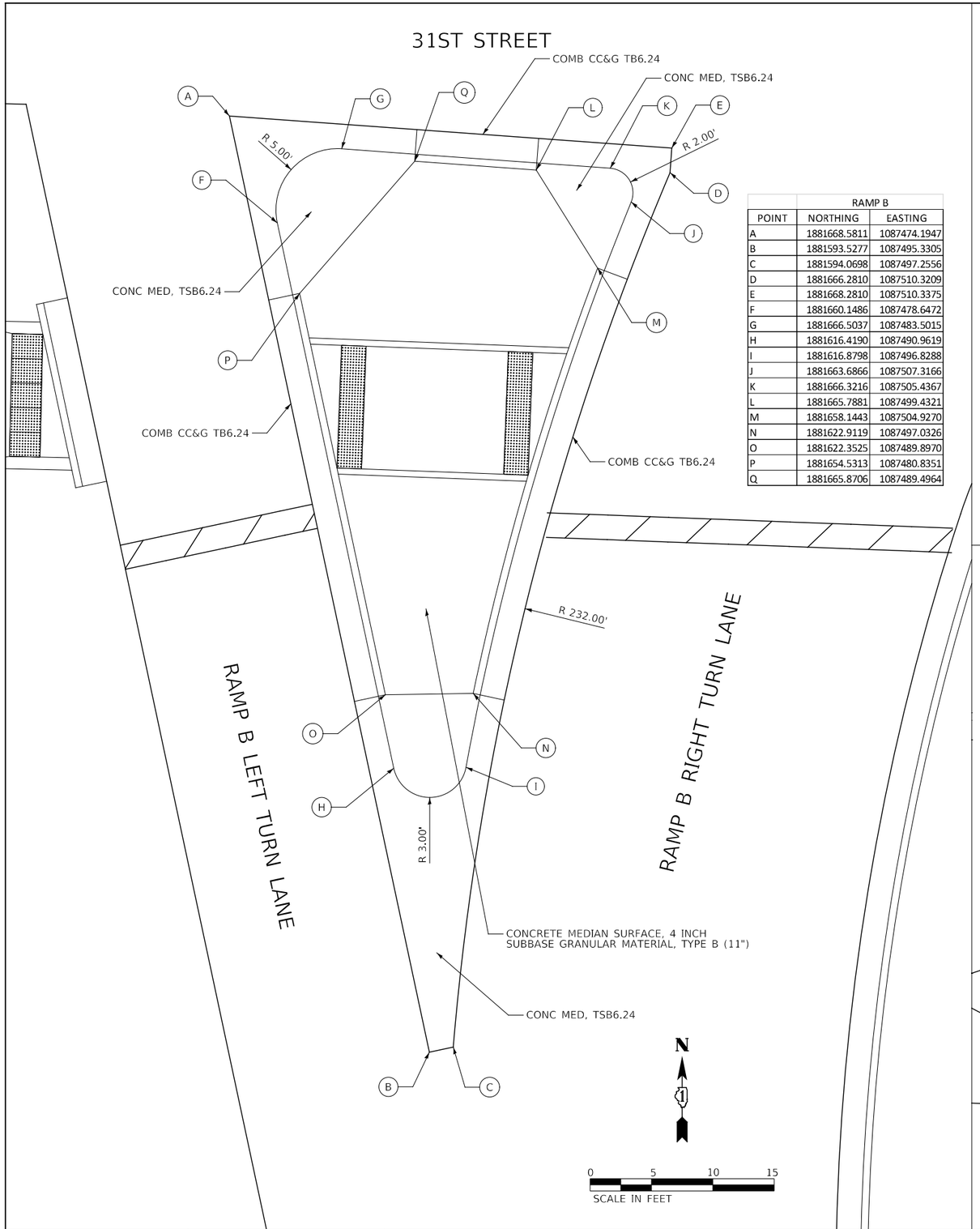
DESIGNED -	D.M.S.	REVISED	-
DRAWN -	D.M.S.	REVISED	-
CHECKED -	D.J.C.	REVISED	-
DATE -	09-01-2020	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

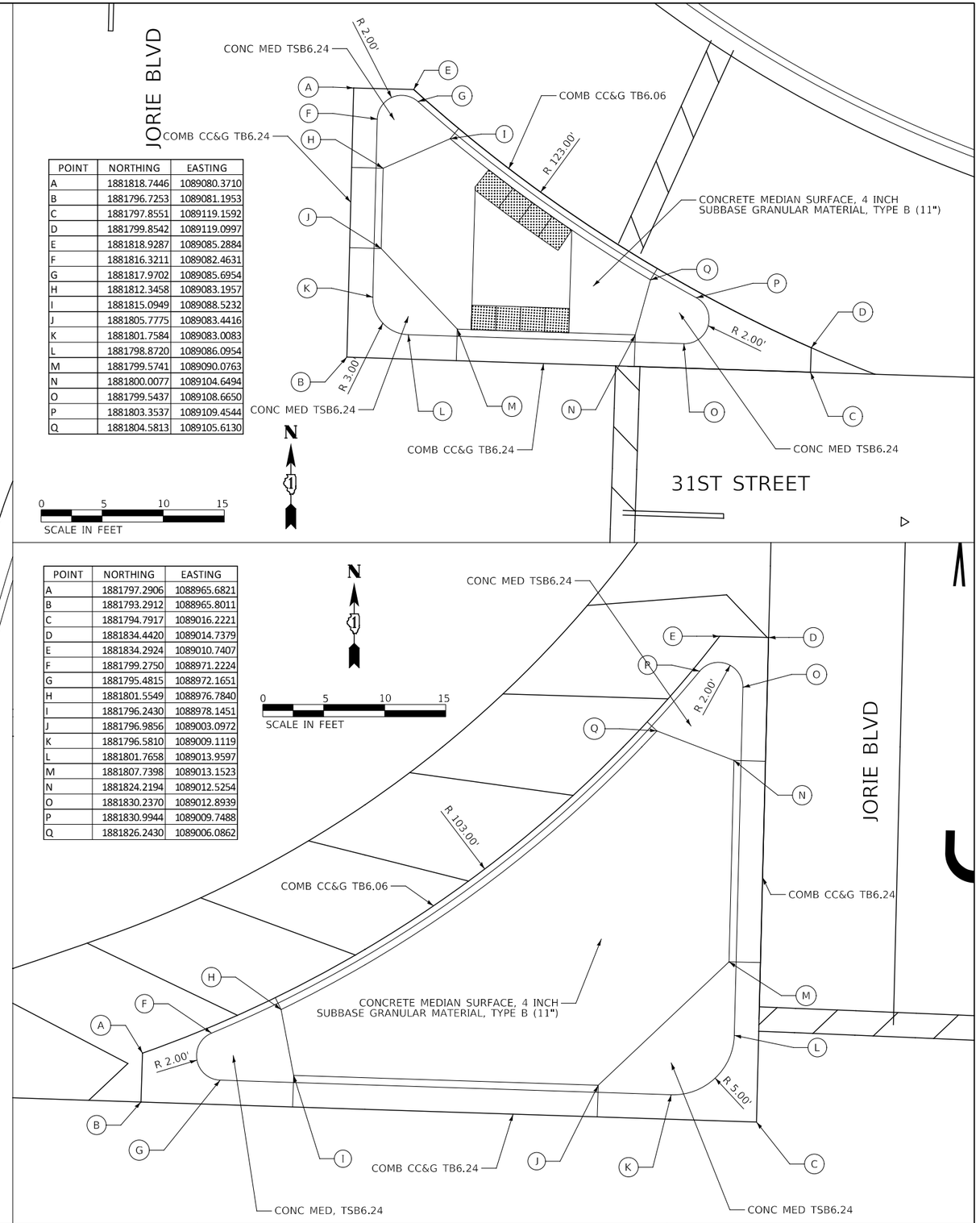
ADA RAMP DETAILS
MIDBLOCK CROSSING

SCALE: AS SHOWN | SHEET 10 OF 10 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	158
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			



	RAMP B	
POINT	NORTHING	EASTING
A	1881668.5811	1087474.1947
B	1881593.5277	1087495.3305
C	1881594.0698	1087497.2556
D	1881666.2810	1087510.3209
E	1881668.2810	1087510.3375
F	1881660.1486	1087478.6472
G	1881666.5037	1087483.5015
H	1881616.4190	1087490.9619
I	1881616.8798	1087496.8288
J	1881663.6866	1087507.3166
K	1881666.3216	1087505.4367
L	1881665.7881	1087499.4321
M	1881658.1443	1087504.9270
N	1881622.9119	1087497.0326
O	1881622.3525	1087489.8970
P	1881654.5313	1087480.8351
Q	1881665.8706	1087489.4964



POINT	NORTHING	EASTING
A	1881818.7446	1089080.3710
B	1881796.7253	1089081.1953
C	1881797.8551	1089119.1592
D	1881799.8542	1089119.0997
E	1881818.9287	1089085.2884
F	1881816.3211	1089082.4631
G	1881817.9702	1089085.6954
H	1881812.3458	1089083.1957
I	1881815.0949	1089088.5232
J	1881805.7775	1089083.4416
K	1881801.7584	1089083.0083
L	1881798.8720	1089086.0954
M	1881799.5741	1089090.0763
N	1881800.0077	1089104.6494
O	1881799.5437	1089108.6650
P	1881803.3537	1089109.4544
Q	1881804.5813	1089105.6130

POINT	NORTHING	EASTING
A	1881797.2906	1088965.6821
B	1881793.2912	1088965.8011
C	1881794.7917	1089016.2221
D	1881834.4420	1089014.7379
E	1881834.2924	1089010.7407
F	1881799.2750	1088971.2224
G	1881795.4815	1088972.1651
H	1881801.5549	1088976.7840
I	1881796.2430	1088978.1451
J	1881796.9856	1089003.0972
K	1881796.5810	1089009.1119
L	1881801.7658	1089013.9597
M	1881807.7398	1089013.1523
N	1881824.2194	1089012.5254
O	1881830.2370	1089012.8939
P	1881830.9944	1089009.7488
Q	1881826.2430	1089006.0862

KNIGHT
Engineers & Architects

	DESIGNED - D.M.S.	REVISED -	
	DRAWN - D.M.S.	REVISED -	
	CHECKED - D.J.C.	REVISED -	
	DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ISLAND MEDIAN DETAILS
RAMP B & JORIE BLVD

SCALE: AS SHOWN | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	159
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

PAVEMENT MARKING LEGEND

1. PAVEMENT MARKING - LINE 4", SOLID WHITE
2. PAVEMENT MARKING - LINE 4", SOLID YELLOW
3. PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE - 30' SPACE) WITH RECESSED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL, SPACED AT 40' C-C (TWO-WAY WHITE/RED AT LOCATIONS WITH BARRIER MEDIAN)
4. PAVEMENT MARKING - LINE 4", DOUBLE YELLOW WITH RECESSED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER, SPACED AT 40' C-C (ONE-WAY AMBER AT MEDIANS > 4' WIDE)
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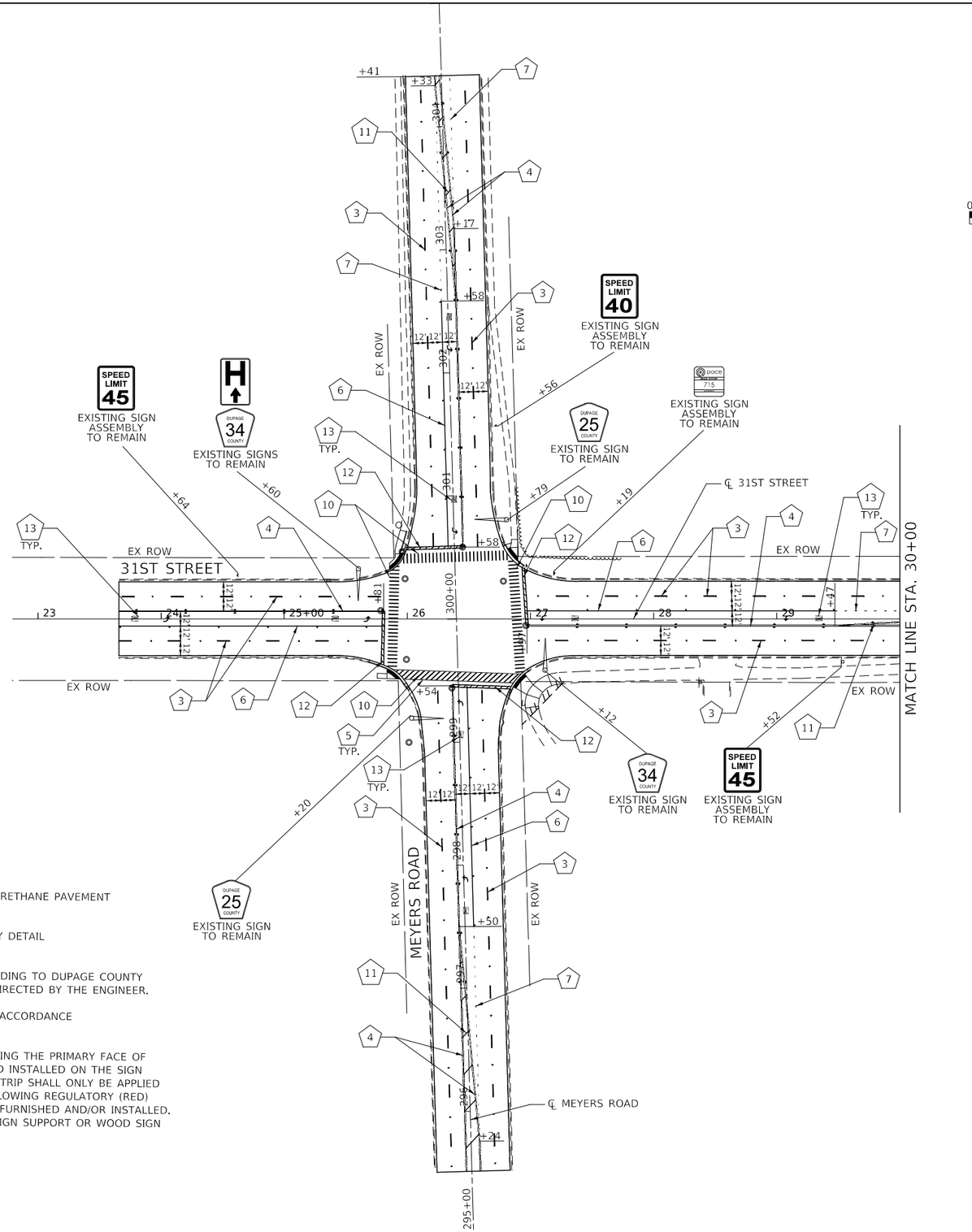
11. PAVEMENT MARKING - LINE 12", SOLID YELLOW (DIAGONALS SPACED AT 30' C-C)
12. PAVEMENT MARKING - LINE 24", SOLID WHITE
13. PAVEMENT MARKING - LETTERS AND SYMBOLS (LARGE SIZE, WHITE)
14. RECESSED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER (3) SPACED AT 3' C-C LATERAL (UNLESS OTHERWISE NOTED)



NOTES

1. THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED ON ASPHALT PAVEMENT. MODIFIED URETHANE PAVEMENT MARKINGS SHALL BE USED ON CONCRETE PAVEMENT.
2. PAVEMENT MARKINGS AND CROSSWALKS SHALL BE PLACED ACCORDING TO DUPAGE COUNTY DETAIL AND IDOT DISTRICT 1 DETAIL TC-13.
3. RECESSED REFLECTIVE PAVEMENT MARKINGS SHALL BE CONFIGURED AND INSTALLED ACCORDING TO DUPAGE COUNTY DETAIL, EXCEPT SPACING SHALL BE AT 40' C-C THROUGHOUT THE PROJECT LIMITS, OR AS DIRECTED BY THE ENGINEER.
4. ALL POST-MOUNTED SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 728001 UNLESS OTHERWISE INDICATED.
5. A VERTICAL RETROREFLECTIVE STRIP (3" W X 72" H) WITH AP SHEETING AND COLOR MATCHING THE PRIMARY FACE OF THE SIGN (YELLOW, FLORESCENT YELLOW-GREEN, AND RED ONLY) SHALL BE FURNISHED AND INSTALLED ON THE SIGN SUPPORT AND SHALL BE IN ACCORDANCE WITH THE 2009 MUTCD. THE RETROREFLECTIVE STRIP SHALL ONLY BE APPLIED TO POSTS FOR WARNING (YELLOW, FLORESCENT YELLOW-GREEN) SIGNS AND ONLY THE FOLLOWING REGULATORY (RED) SIGNS: "DO NOT ENTER", "WRONG-WAY", "YIELD" AND "STOP". NO WHITE STRIPS SHALL BE FURNISHED AND/OR INSTALLED. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE UNIT COST FOR TELESCOPING STEEL SIGN SUPPORT OR WOOD SIGN SUPPORT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

KNIGHT
Engineers & Architects

	DESIGNED - D.M.S.	REVISED -	
	DRAWN - D.M.S.	REVISED -	
	CHECKED - D.J.C.	REVISED -	
	DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 1 OF 14 SHEETS | STA. 23+00 TO STA. 30+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	160
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

PAVEMENT MARKING LEGEND

1. PAVEMENT MARKING - LINE 4", SOLID WHITE
2. PAVEMENT MARKING - LINE 4", SOLID YELLOW
3. PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE - 30' SPACE) WITH RECESSED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL, SPACED AT 40' C-C (TWO-WAY WHITE/RED AT LOCATIONS WITH BARRIER MEDIAN)
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13. PAVEMENT MARKING - LETTERS AND SYMBOLS (LARGE SIZE, WHITE)
14. RECESSED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER (3) SPACED AT 3' C-C LATERAL (UNLESS OTHERWISE NOTED)

NOTES

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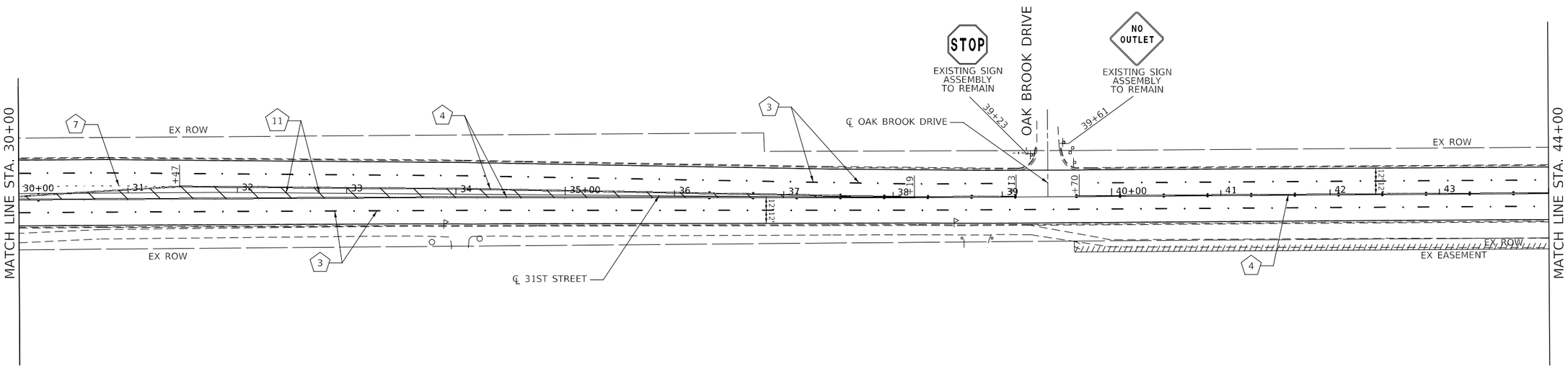

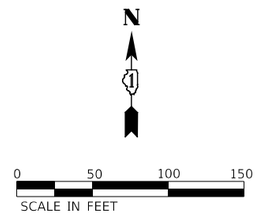

KNIGHT
Engineers & Architects

	DESIGNED - D.M.S.	REVISED -	
	DRAWN - D.M.S.	REVISED -	
	CHECKED - D.J.C.	REVISED -	
	DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 2 OF 14 SHEETS | STA. 30+00 TO STA. 44+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	161
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		

PAVEMENT MARKING LEGEND

1. PAVEMENT MARKING - LINE 4", SOLID WHITE
2. PAVEMENT MARKING - LINE 4", SOLID YELLOW
3. PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE - 30' SPACE) WITH RECESSED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL, SPACED AT 40' C-C (TWO-WAY WHITE/RED AT LOCATIONS WITH BARRIER MEDIAN)
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13. PAVEMENT MARKING - LETTERS AND SYMBOLS (LARGE SIZE, WHITE)
14. RECESSED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER (3) SPACED AT 3' C-C LATERAL (UNLESS OTHERWISE NOTED)

NOTES

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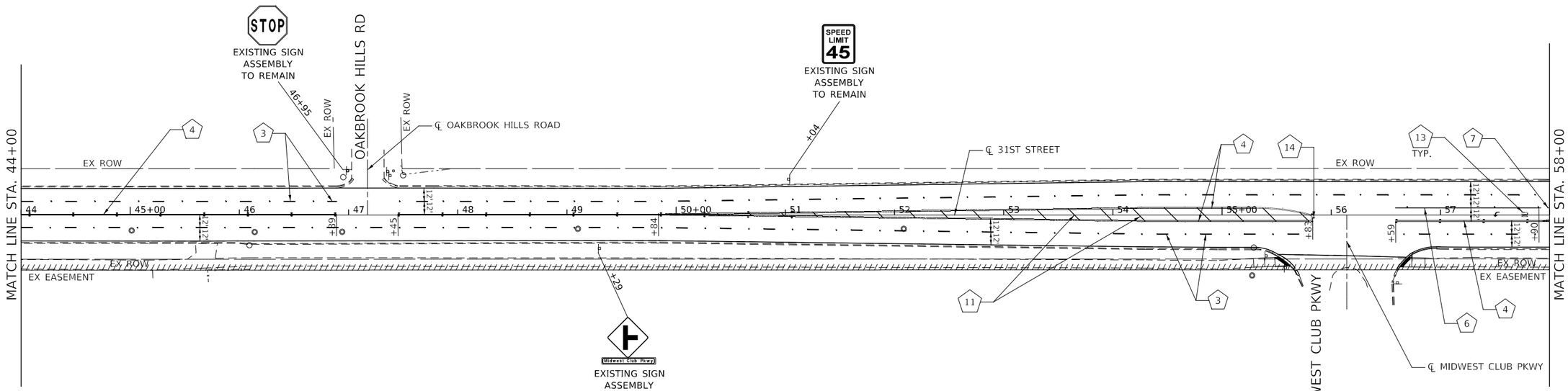

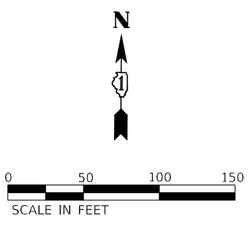

KNIGHT
Engineers & Architects

	DESIGNED - D.M.S.	REVISED -	
	DRAWN - D.M.S.	REVISED -	
	CHECKED - D.J.C.	REVISED -	
	DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 3 OF 14 SHEETS | STA. 44+00 TO STA. 58+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	162
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

PAVEMENT MARKING LEGEND

1. PAVEMENT MARKING - LINE 4", SOLID WHITE
2. PAVEMENT MARKING - LINE 4", SOLID YELLOW
3. PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE - 30' SPACE) WITH RECESSED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL, SPACED AT 40' C-C (TWO-WAY WHITE/RED AT LOCATIONS WITH BARRIER MEDIAN)
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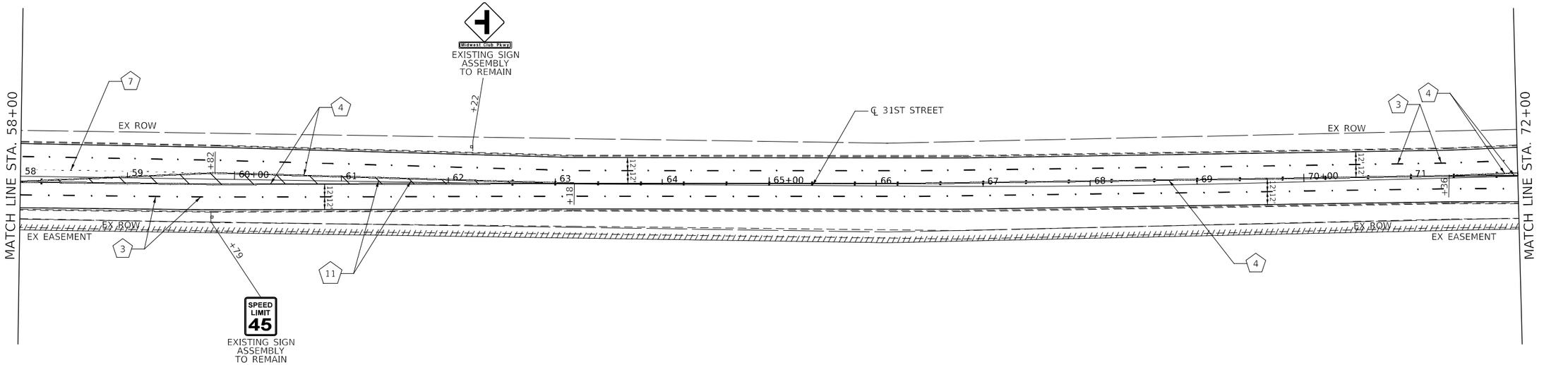

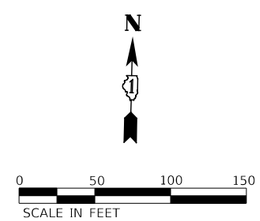

KNIGHT Engineers & Architects

DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 4 OF 14 SHEETS | STA. 58+00 TO STA. 72+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	163
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		

PAVEMENT MARKING LEGEND

1. PAVEMENT MARKING - LINE 4", SOLID WHITE
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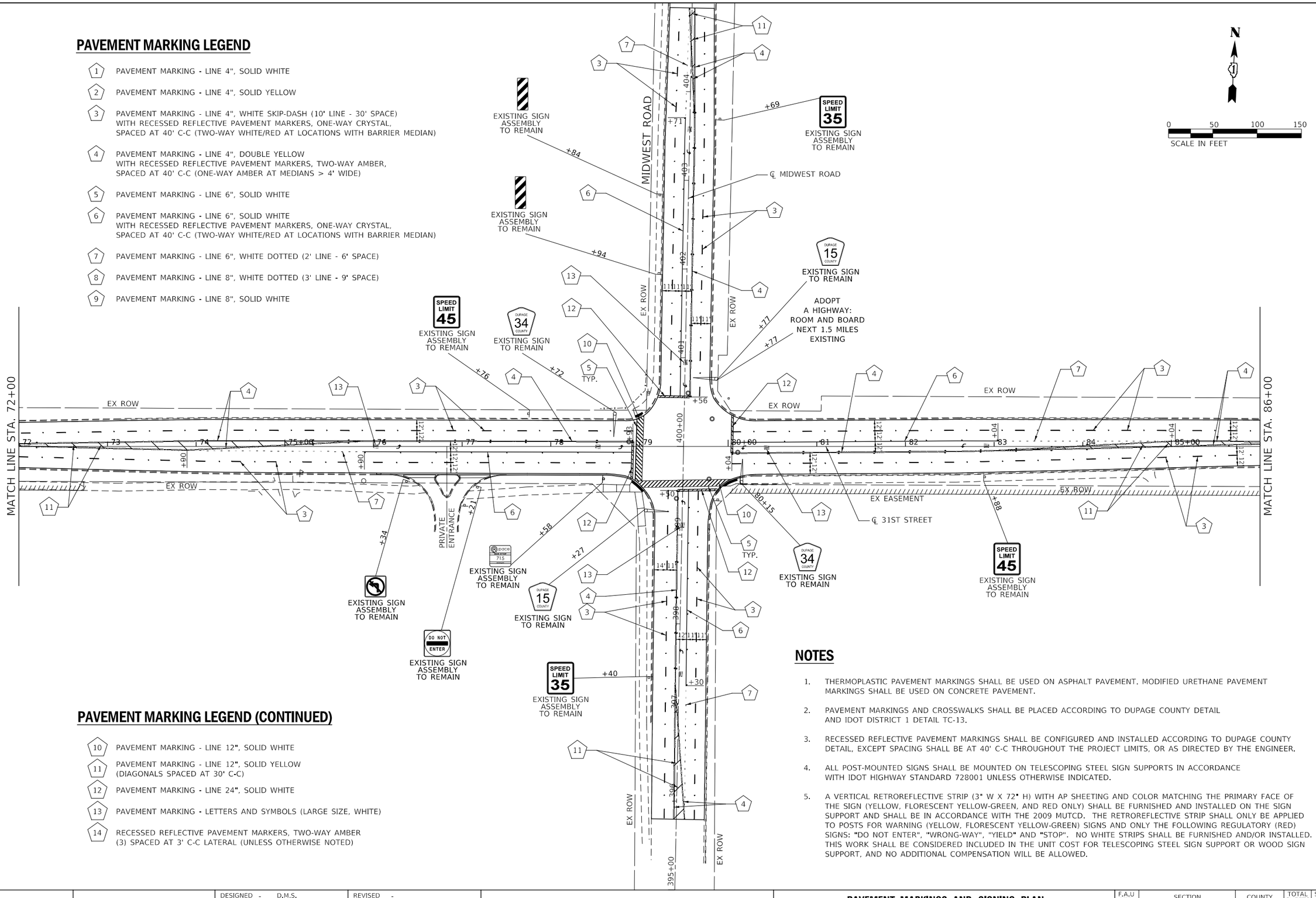

PAVEMENT MARKING LEGEND (CONTINUED)

10. PAVEMENT MARKING - LINE 12", SOLID WHITE
11. PAVEMENT MARKING - LINE 12", SOLID YELLOW (DIAGONALS SPACED AT 30' C-C)
12. PAVEMENT MARKING - LINE 24", SOLID WHITE
13. PAVEMENT MARKING - LETTERS AND SYMBOLS (LARGE SIZE, WHITE)
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KNIGHT Engineers & Architects

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 5 OF 14 SHEETS | STA. 72+00 TO STA. 86+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	164
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		

PAVEMENT MARKING LEGEND

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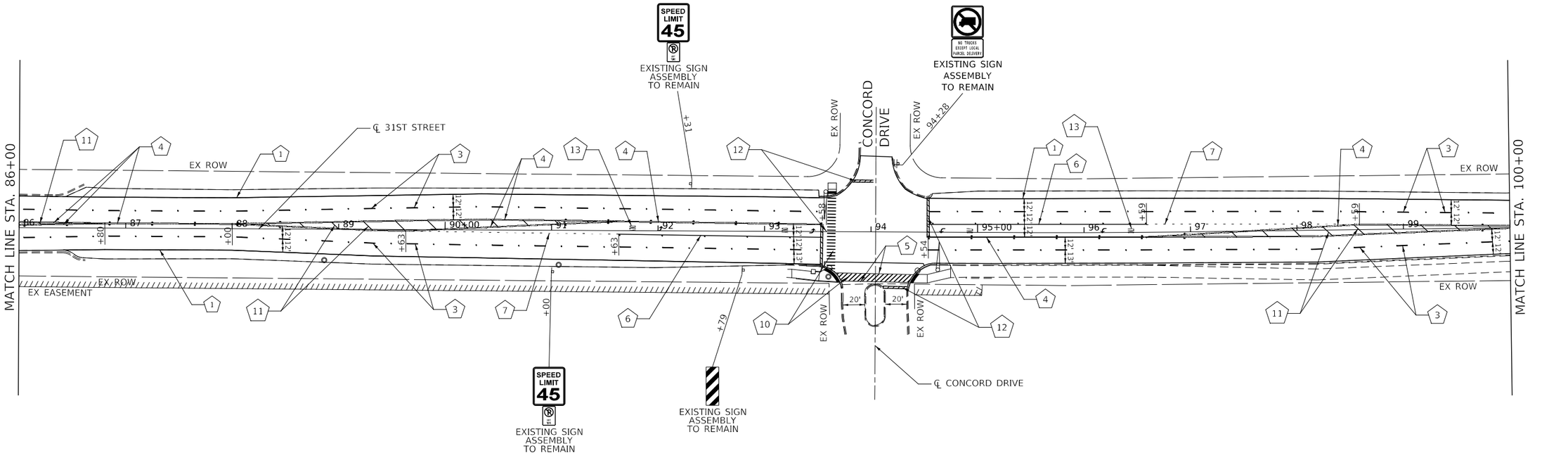

N

0 50 100 150
SCALE IN FEET

KNIGHT Engineers & Architects		DESIGNED - D.M.S.	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 6 OF 14 SHEETS | STA. 86+00 | TO STA. 100+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	165
		CONTRACT NO. 61G12		
		ILLINOIS	FED. AID PROJECT	

PAVEMENT MARKING LEGEND

1. PAVEMENT MARKING - LINE 4", SOLID WHITE
2. PAVEMENT MARKING - LINE 4", SOLID YELLOW
3. PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE - 30' SPACE) WITH RECESSED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL, SPACED AT 40' C-C (TWO-WAY WHITE/RED AT LOCATIONS WITH BARRIER MEDIAN)
4. PAVEMENT MARKING - LINE 4", DOUBLE YELLOW WITH RECESSED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER, SPACED AT 40' C-C (ONE-WAY AMBER AT MEDIANS > 4' WIDE)
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7. PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' LINE - 6' SPACE)
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11. PAVEMENT MARKING - LINE 12", SOLID YELLOW (DIAGONALS SPACED AT 30' C-C)
12. PAVEMENT MARKING - LINE 24", SOLID WHITE
13. PAVEMENT MARKING - LETTERS AND SYMBOLS (LARGE SIZE, WHITE)
14. RECESSED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER (3) SPACED AT 3' C-C LATERAL (UNLESS OTHERWISE NOTED)

NOTES

1. THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED ON ASPHALT PAVEMENT. MODIFIED URETHANE PAVEMENT MARKINGS SHALL BE USED ON CONCRETE PAVEMENT.
2. PAVEMENT MARKINGS AND CROSSWALKS SHALL BE PLACED ACCORDING TO DUPAGE COUNTY DETAIL AND IDOT DISTRICT 1 DETAIL TC-13.
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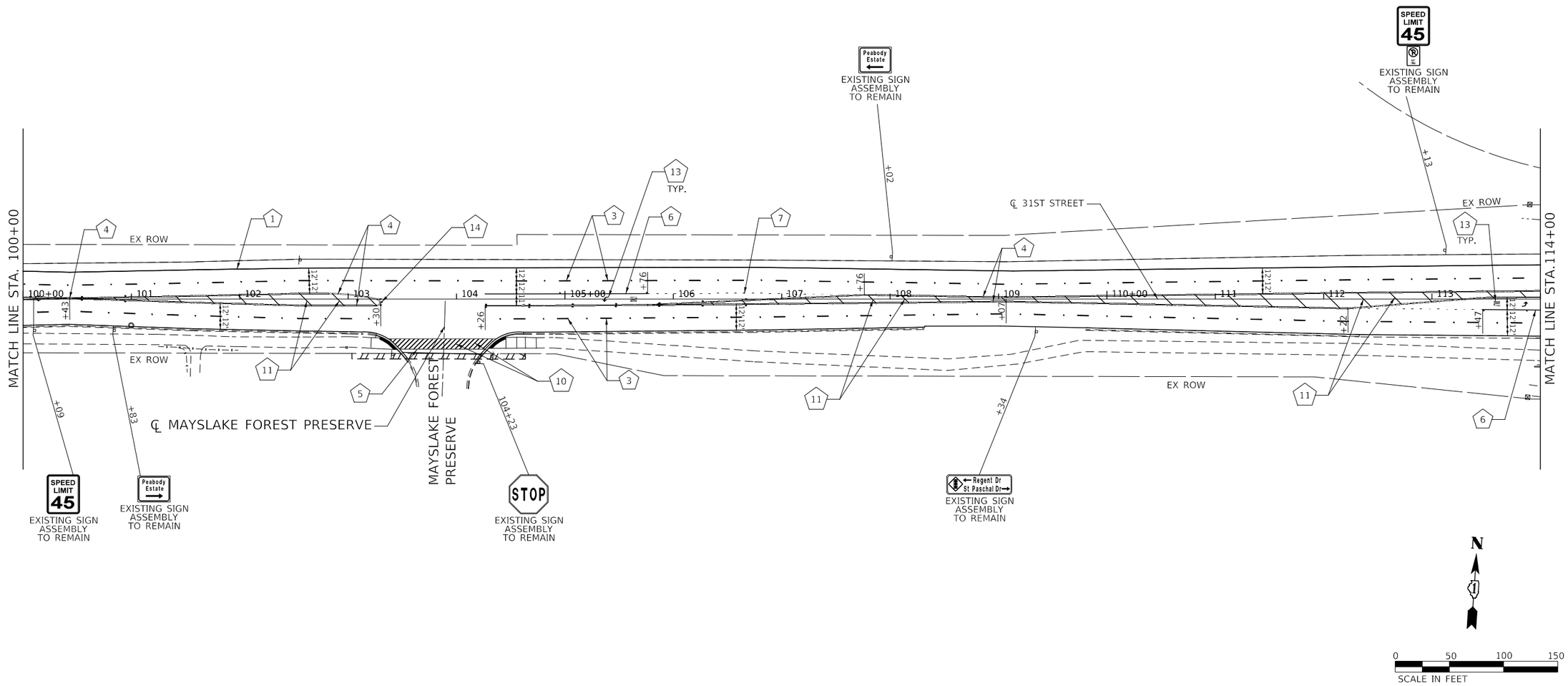
4. ALL POST-MOUNTED SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 728001 UNLESS OTHERWISE INDICATED.
5. A VERTICAL RETROREFLECTIVE STRIP (3" W X 72" H) WITH AP SHEETING AND COLOR MATCHING THE PRIMARY FACE OF THE SIGN (YELLOW, FLORESCENT YELLOW-GREEN, AND RED ONLY) SHALL BE FURNISHED AND INSTALLED ON THE SIGN SUPPORT AND SHALL BE IN ACCORDANCE WITH THE 2009 MUTCD. THE RETROREFLECTIVE STRIP SHALL ONLY BE APPLIED TO POSTS FOR WARNING (YELLOW, FLORESCENT YELLOW-GREEN) SIGNS AND ONLY THE FOLLOWING REGULATORY (RED) SIGNS: "DO NOT ENTER", "WRONG-WAY", "YIELD" AND "STOP". NO WHITE STRIPS SHALL BE FURNISHED AND/OR INSTALLED. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE UNIT COST FOR TELESCOPING STEEL SIGN SUPPORT OR WOOD SIGN SUPPORT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



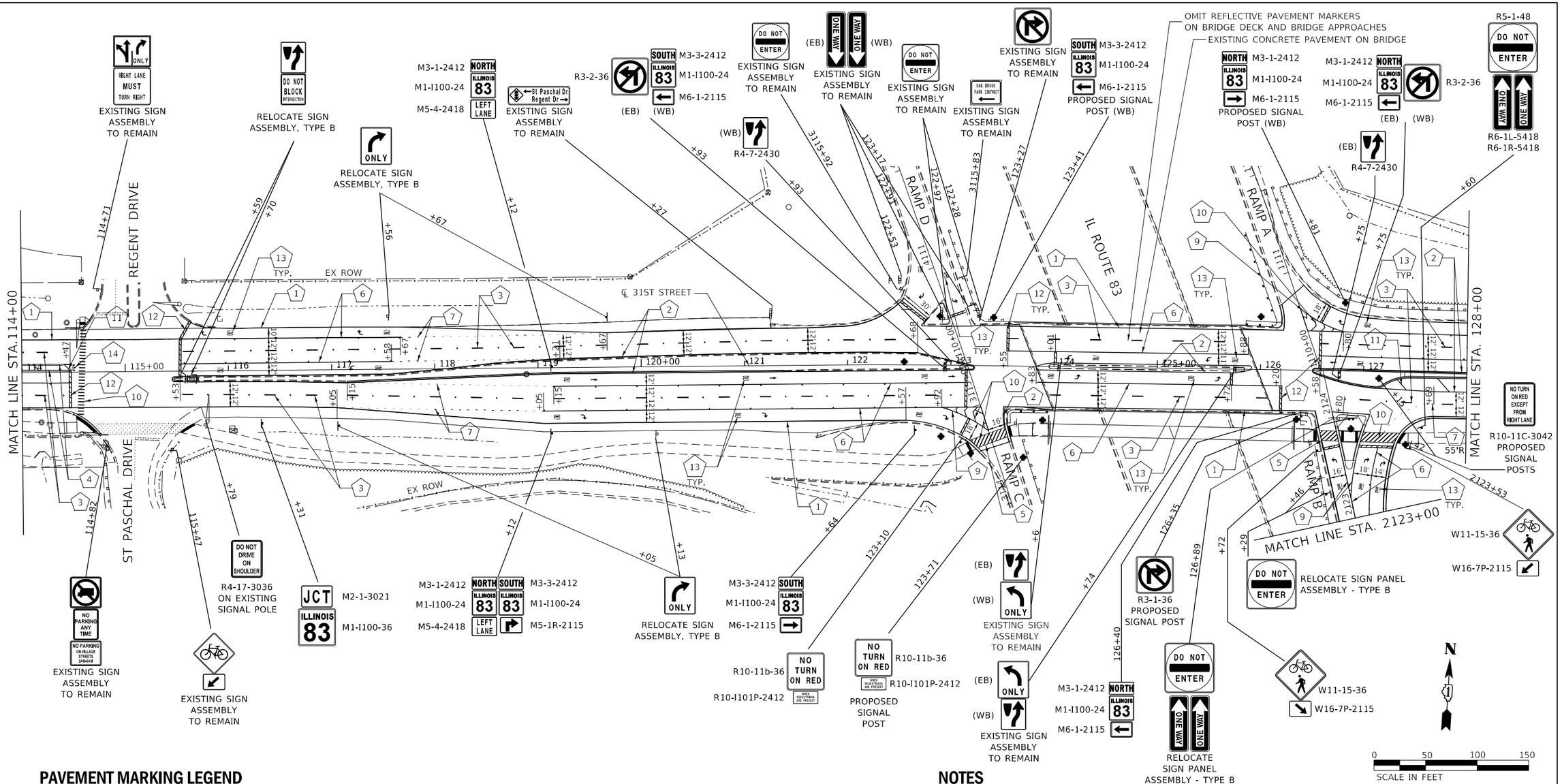
KNIGHT Engineers & Architects		DESIGNED - D.M.S.	REVISED -
		DRAWN - D.M.S.	REVISED -
		CHECKED - D.J.C.	REVISED -
		DATE - 09-01-2020	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 7 OF 14 SHEETS | STA. 100+00 | TO STA. 114+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	166
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		



PAVEMENT MARKING LEGEND

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KNIGHT
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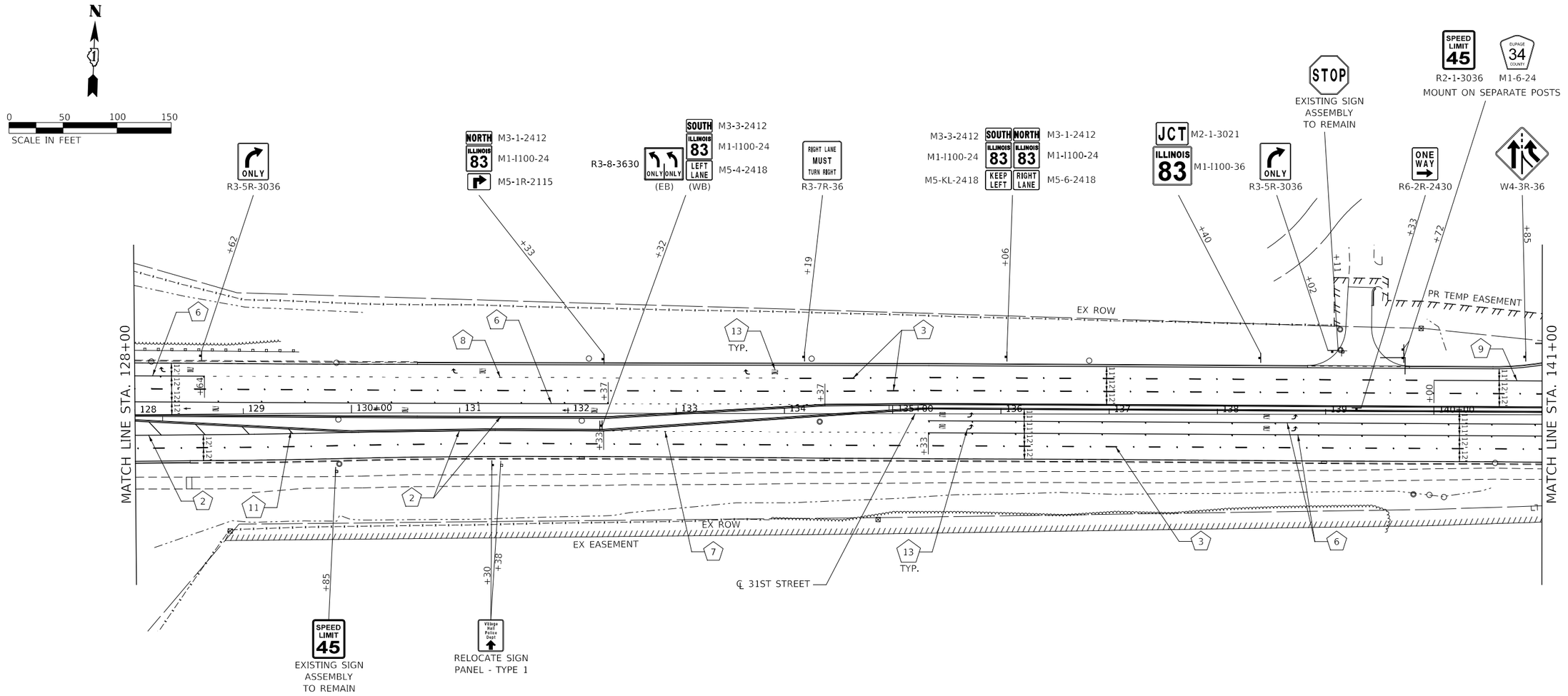
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 8 OF 14 SHEETS | STA. 114+00 TO STA. 128+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	167
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			



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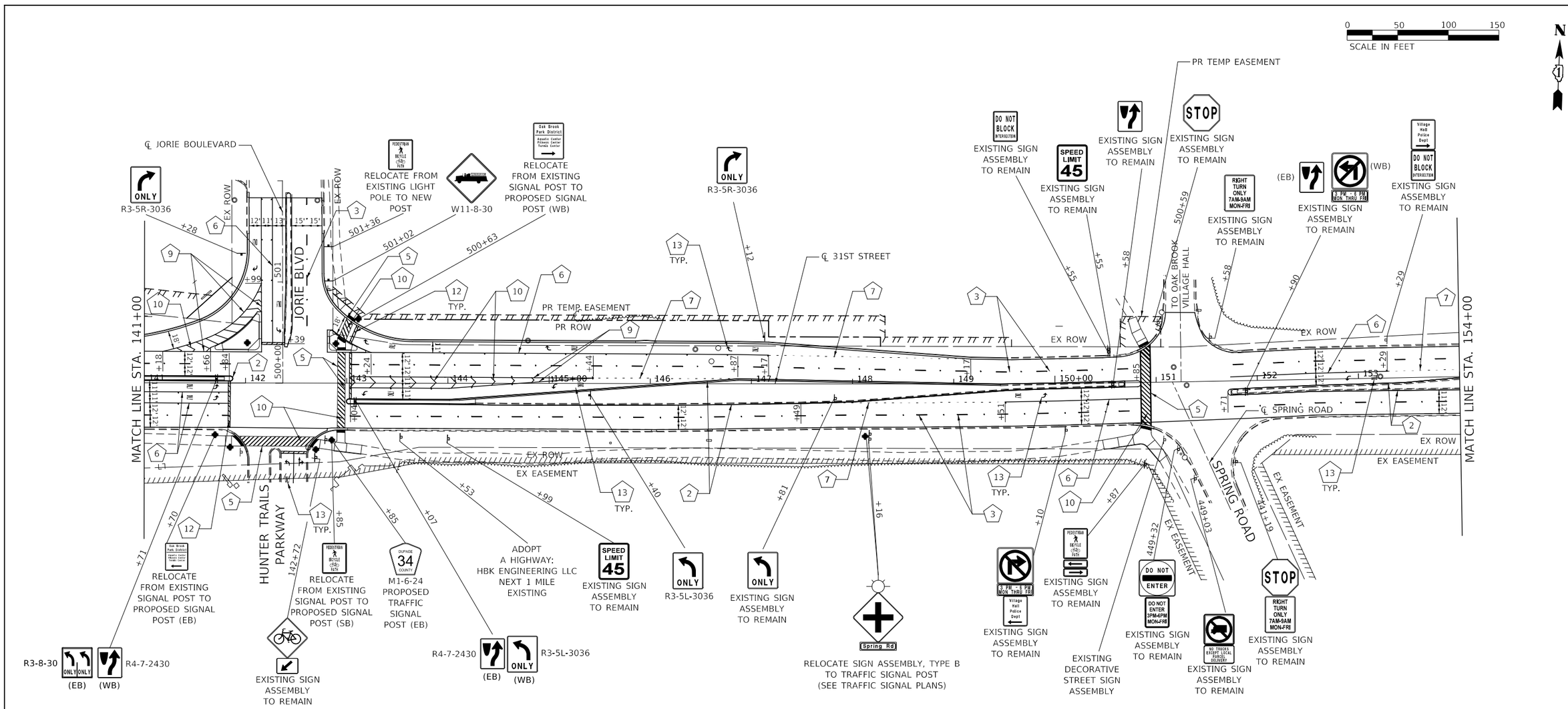
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 9 OF 14 SHEETS | STA. 128+00 TO STA. 141+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	168
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			



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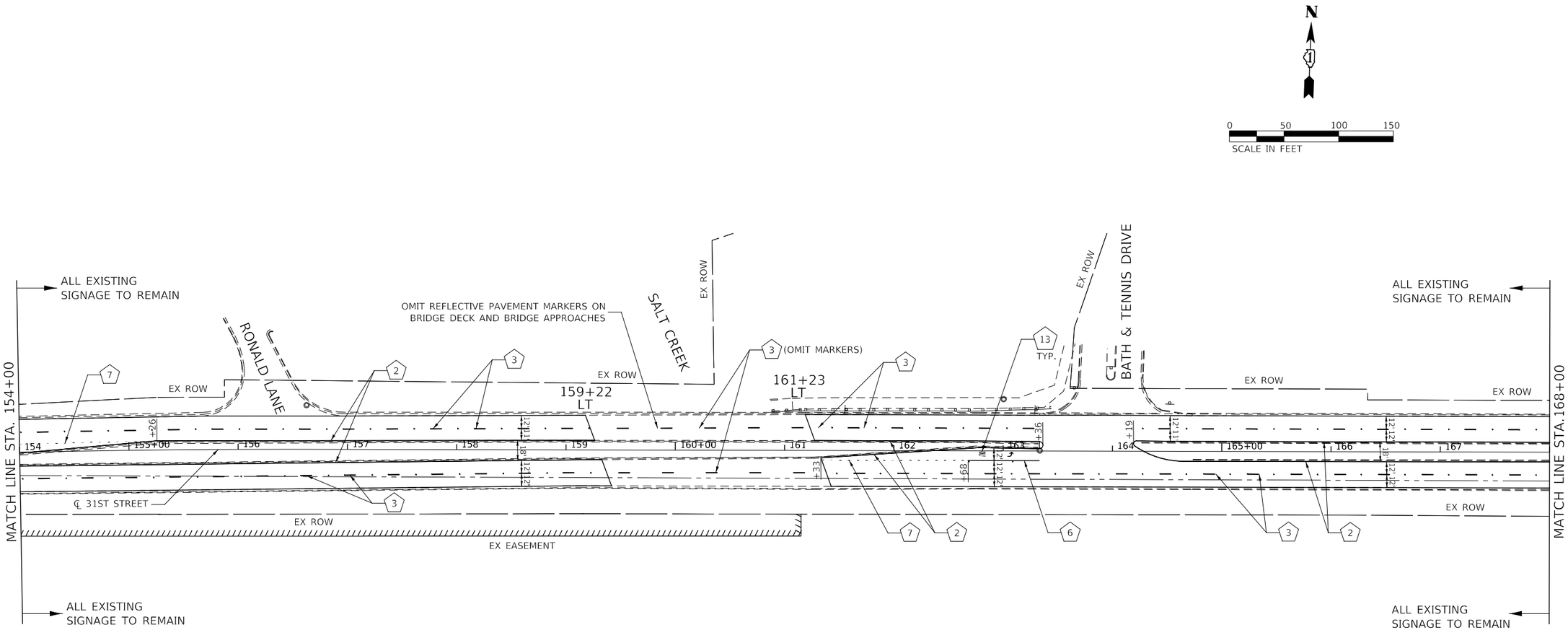
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 10 OF 14 SHEETS | STA. 141+00 | TO STA. 154+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	169
		CONTRACT NO. 61G12		
		ILLINOIS	FED. AID PROJECT	



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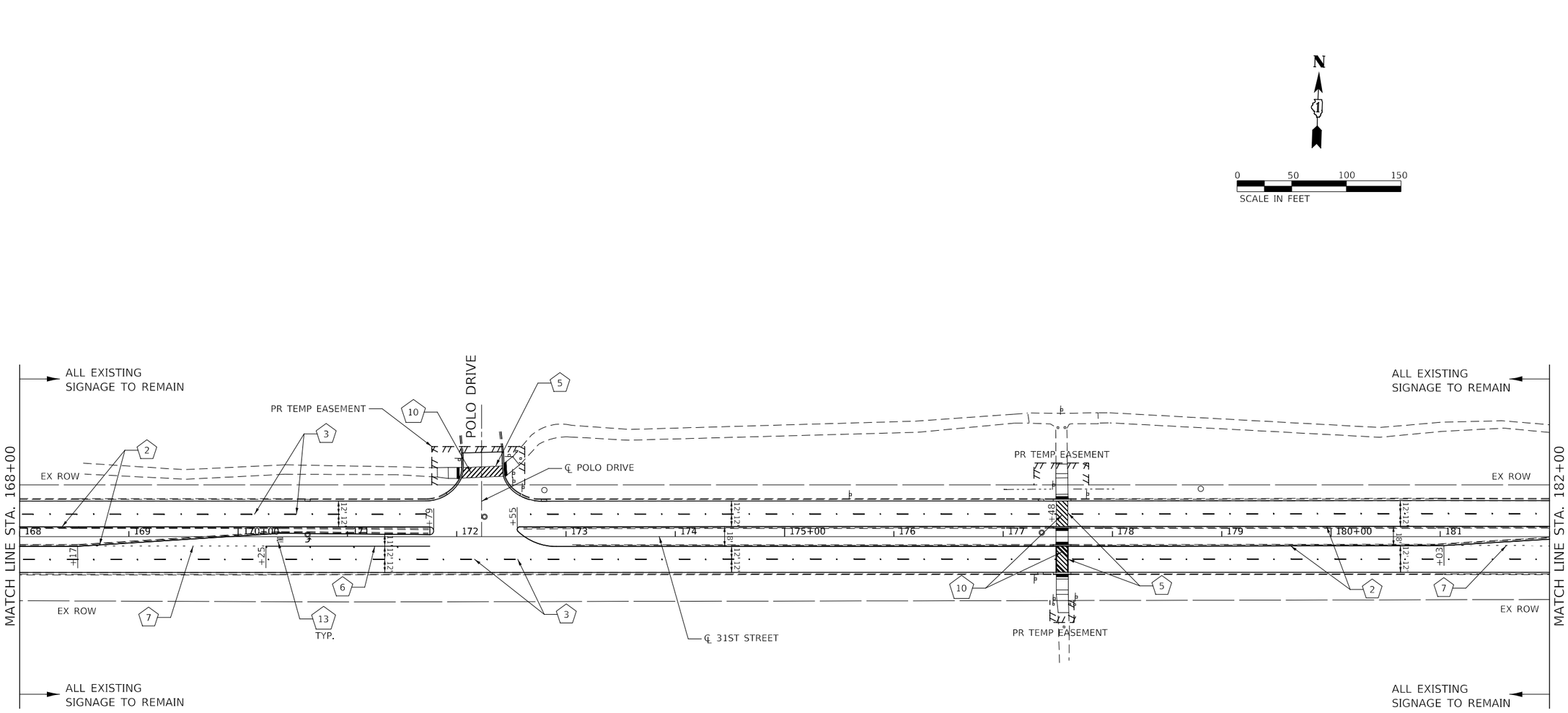
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 11 OF 14 SHEETS | STA. 154+00 TO STA. 168+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	170
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			



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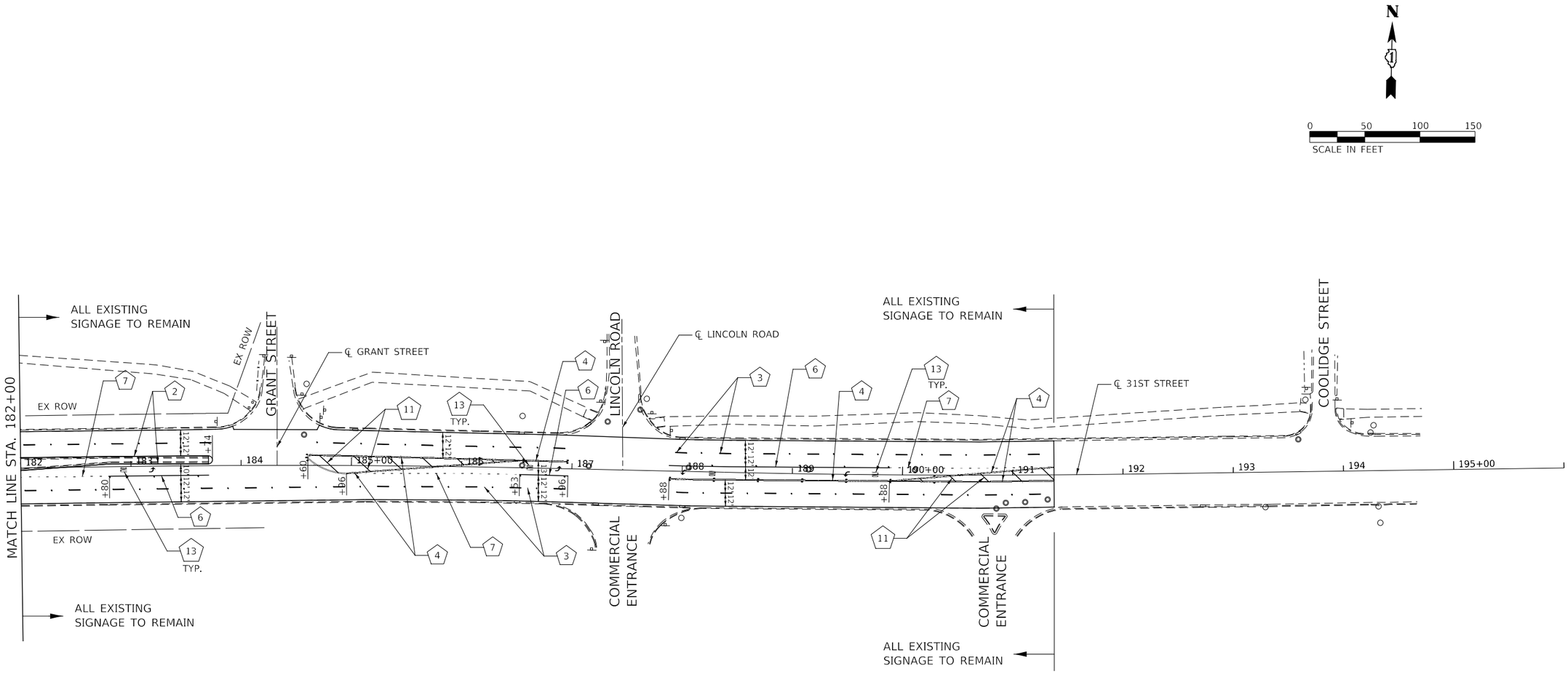
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 12 OF 14 SHEETS | STA. 168+00 | TO STA. 182+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	171
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			



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6. PAVEMENT MARKING - LINE 6", SOLID WHITE WITH RECESSED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL, SPACED AT 40' C-C (TWO-WAY WHITE/RED AT LOCATIONS WITH BARRIER MEDIAN)
7. PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' LINE - 6' SPACE)
8. PAVEMENT MARKING - LINE 8", WHITE DOTTED (3' LINE - 9' SPACE)
9. PAVEMENT MARKING - LINE 8", SOLID WHITE
10. PAVEMENT MARKING - LINE 12", SOLID WHITE
11. PAVEMENT MARKING - LINE 12", SOLID YELLOW (DIAGONALS SPACED AT 30' C-C)
12. PAVEMENT MARKING - LINE 24", SOLID WHITE
13. PAVEMENT MARKING - LETTERS AND SYMBOLS (LARGE SIZE, WHITE)
14. RECESSED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER (3) SPACED AT 3' C-C LATERAL (UNLESS OTHERWISE NOTED)

NOTES

1. THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED ON ASPHALT PAVEMENT. MODIFIED URETHANE PAVEMENT MARKINGS SHALL BE USED ON CONCRETE PAVEMENT.
2. PAVEMENT MARKINGS AND CROSSWALKS SHALL BE PLACED ACCORDING TO DUPAGE COUNTY DETAIL AND IDOT DISTRICT 1 DETAIL TC-13.
3. RECESSED REFLECTIVE PAVEMENT MARKINGS SHALL BE CONFIGURED AND INSTALLED ACCORDING TO DUPAGE COUNTY DETAIL, EXCEPT SPACING SHALL BE AT 40' C-C THROUGHOUT THE PROJECT LIMITS, OR AS DIRECTED BY THE ENGINEER.
4. ALL POST-MOUNTED SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 728001 UNLESS OTHERWISE INDICATED.
5. A VERTICAL RETROREFLECTIVE STRIP (3" W X 72" H) WITH AP SHEETING AND COLOR MATCHING THE PRIMARY FACE OF THE SIGN (YELLOW, FLORESCENT YELLOW-GREEN, AND RED ONLY) SHALL BE FURNISHED AND INSTALLED ON THE SIGN SUPPORT AND SHALL BE IN ACCORDANCE WITH THE 2009 MUTCD. THE RETROREFLECTIVE STRIP SHALL ONLY BE APPLIED TO POSTS FOR WARNING (YELLOW, FLORESCENT YELLOW-GREEN) SIGNS AND ONLY THE FOLLOWING REGULATORY (RED) SIGNS: "DO NOT ENTER", "WRONG-WAY", "YIELD" AND "STOP". NO WHITE STRIPS SHALL BE FURNISHED AND/OR INSTALLED. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE UNIT COST FOR TELESCOPING STEEL SIGN SUPPORT OR WOOD SIGN SUPPORT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

KNIGHT
Engineers & Architects

DESIGNED -	D.M.S.	REVISED	-
DRAWN -	D.M.S.	REVISED	-
CHECKED -	D.J.C.	REVISED	-
DATE -	09-01-2020	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 13 OF 14 SHEETS | STA. 182+00 TO STA. 196+00

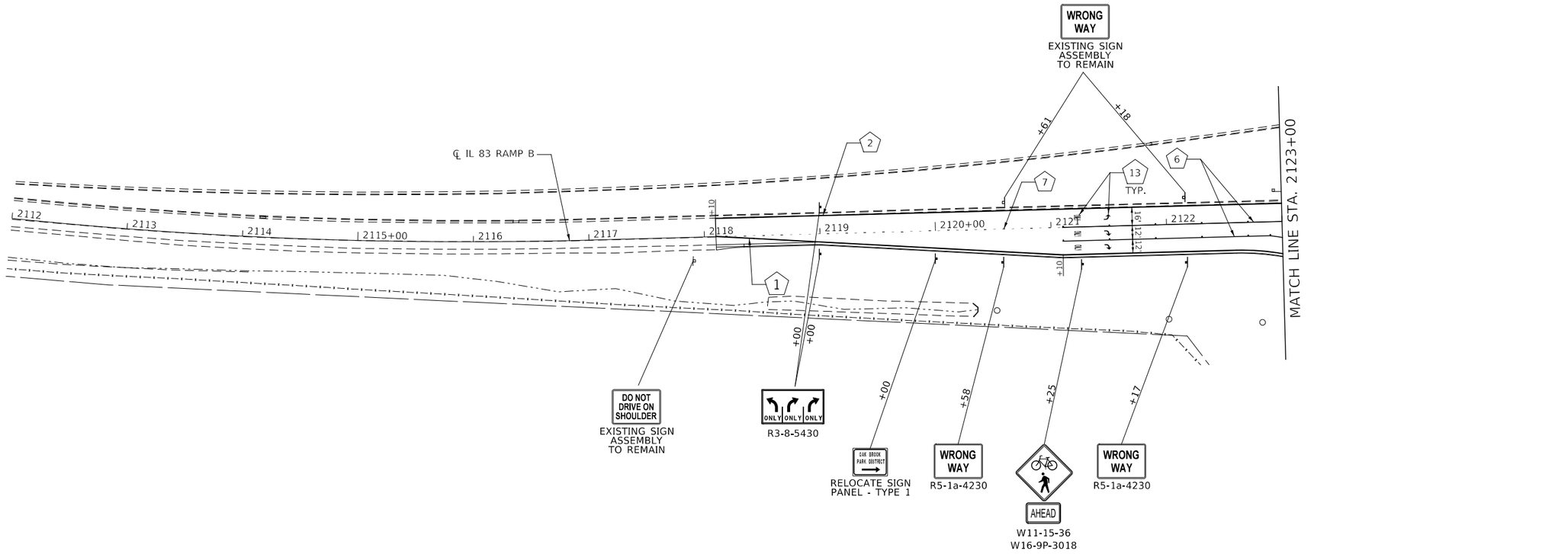
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	172
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		

PAVEMENT MARKING LEGEND

1. PAVEMENT MARKING - LINE 4", SOLID WHITE
2. PAVEMENT MARKING - LINE 4", SOLID YELLOW
3. PAVEMENT MARKING - LINE 4", WHITE SKIP-DASH (10' LINE - 30' SPACE) WITH RECESSED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL, SPACED AT 40' C-C (TWO-WAY WHITE/RED AT LOCATIONS WITH BARRIER MEDIAN)
4. PAVEMENT MARKING - LINE 4", DOUBLE YELLOW WITH RECESSED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER, SPACED AT 40' C-C (ONE-WAY AMBER AT MEDIANS > 4' WIDE)
5. PAVEMENT MARKING - LINE 6", SOLID WHITE
6. PAVEMENT MARKING - LINE 6", SOLID WHITE WITH RECESSED REFLECTIVE PAVEMENT MARKERS, ONE-WAY CRYSTAL, SPACED AT 40' C-C (TWO-WAY WHITE/RED AT LOCATIONS WITH BARRIER MEDIAN)
7. PAVEMENT MARKING - LINE 6", WHITE DOTTED (2' LINE - 6' SPACE)
8. PAVEMENT MARKING - LINE 8", WHITE DOTTED (3' LINE - 9' SPACE)
9. PAVEMENT MARKING - LINE 8", SOLID WHITE
10. PAVEMENT MARKING - LINE 12", SOLID WHITE
11. PAVEMENT MARKING - LINE 12", SOLID YELLOW (DIAGONALS SPACED AT 30' C-C)
12. PAVEMENT MARKING - LINE 24", SOLID WHITE
13. PAVEMENT MARKING - LETTERS AND SYMBOLS (LARGE SIZE, WHITE)
14. RECESSED REFLECTIVE PAVEMENT MARKERS, TWO-WAY AMBER (3) SPACED AT 3' C-C LATERAL (UNLESS OTHERWISE NOTED)

NOTES

1. THERMOPLASTIC PAVEMENT MARKINGS SHALL BE USED ON ASPHALT PAVEMENT. MODIFIED URETHANE PAVEMENT MARKINGS SHALL BE USED ON CONCRETE PAVEMENT.
2. PAVEMENT MARKINGS AND CROSSWALKS SHALL BE PLACED ACCORDING TO DUPAGE COUNTY DETAIL AND IDOT DISTRICT 1 DETAIL TC-13.
3. RECESSED REFLECTIVE PAVEMENT MARKINGS SHALL BE CONFIGURED AND INSTALLED ACCORDING TO DUPAGE COUNTY DETAIL, EXCEPT SPACING SHALL BE AT 40' C-C THROUGHOUT THE PROJECT LIMITS, OR AS DIRECTED BY THE ENGINEER.
4. ALL POST-MOUNTED SIGNS SHALL BE MOUNTED ON TELESCOPING STEEL SIGN SUPPORTS IN ACCORDANCE WITH IDOT HIGHWAY STANDARD 728001 UNLESS OTHERWISE INDICATED.
5. A VERTICAL RETROREFLECTIVE STRIP (3" W X 72" H) WITH AP SHEETING AND COLOR MATCHING THE PRIMARY FACE OF THE SIGN (YELLOW, FLORESCENT YELLOW-GREEN, AND RED ONLY) SHALL BE FURNISHED AND INSTALLED ON THE SIGN SUPPORT AND SHALL BE IN ACCORDANCE WITH THE 2009 MUTCD. THE RETROREFLECTIVE STRIP SHALL ONLY BE APPLIED TO POSTS FOR WARNING (YELLOW, FLORESCENT YELLOW-GREEN) SIGNS AND ONLY THE FOLLOWING REGULATORY (RED) SIGNS: "DO NOT ENTER", "WRONG-WAY", "YIELD" AND "STOP". NO WHITE STRIPS SHALL BE FURNISHED AND/OR INSTALLED. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE UNIT COST FOR TELESCOPING STEEL SIGN SUPPORT OR WOOD SIGN SUPPORT, AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.



KNIGHT Engineers & Architects

DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKINGS AND SIGNING PLAN
RAMP B

SCALE: AS SHOWN | SHEET 14 OF 14 SHEETS | STA. 2112+00 TO STA. 2123+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	173
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

PROPOSED SIGNING SCHEDULE

ROADWAY	STATION	RT/LT/ MEDIAN	W WIDTH (IN)	H HEIGHT (IN)	PANEL AREA (SQ FT)	MUTCD SIGN CODE	SHEET-ING TYPE	PROPOSED SIGNS		SIGN SUPPORT	SIGN RELOCATIONS		COMMENTS
								SIGN PANEL - TYPE 1 (SQ FT)	SIGN PANEL - TYPE 2 (SQ FT)	TELESCOPING STEEL SIGN SUPPORT (FOOT)	RELOCATE SIGN PANEL ASSEMBLY - TYPE B (EACH)	RELOCATE SIGN PANEL - TYPE 1 (SQ FT)	
31ST STREET	115+59	RT	30	36	7.5	R4-7	AP				1		RELOCATE TO STA 115+70
		RT	24	30	5.0	R10-7	AP						
31ST STREET	115+79	RT	30	36	7.5	R4-17	AP	7.5					MOUNT ON SIGNAL POLE
31ST STREET	116+31	RT	30	21	4.4	M2-1	AP	4.4		14.75			
			36	36	9.0	M1-I100	AP	9.0					
31ST STREET	117+56	LT	36	36	9.0	R3-5R	AP				1		RELOCATE TO STA 119+67
31ST STREET	119+12	RT	24	12	2.0	M3-1	AP	2.0		16.5			
			24	24	4.0	M1-I100	AP	4.0					
			24	18	3.0	M5-4	AP	3.0					
			24	12	2.0	M3-3	AP	2.0					
			24	24	4.0	M1-I100	AP	4.0					
			21	15	2.2	M5-1R	AP	2.2					
31ST STREET	119+12	MEDIAN	24	12	2.0	M3-1	AP	2.0		14.5			
			24	24	4.0	M1-I100	AP	4.0					
			24	18	3.0	M5-4	AP	3.0					
31 STREET	120+13	RT	36	36	9.0	R3-5R	AP				1		RELOCATE TO STA 117+05
31ST STREET	122+64	RT	24	12	2.0	M3-3	AP	2.0		16.3			
			24	24	4.0	M1-I100	AP	4.0					
			21	15	2.2	M6-1	AP	2.2					
31ST STREET	123+10	RT	36	36	9.0	R10-11b	AP	9.0					
			24	12	2.0	R10-I101P	AP	2.0					
31ST STREET	122+93	MEDIAN	36	36	9.0	R3-2	AP	9.0		14.3			
			24	12	2.0	M3-3	AP	2.0					
			24	24	4.0	M1-I100	AP	4.0					
			21	15	2.2	M6-1	AP	2.2					
31ST STREET	122+93	MEDIAN	24	30	5.0	R4-7	AP	5.0		12.5			
31ST STREET	123+41	RT	24	12	2.0	M3-3	AP	2.0					MOUNT ON SIGNAL POST
			24	24	4.0	M1-I100	AP	4.0					
			21	15	2.2	M6-1	AP	2.2					
31ST STREET	123+71	RT	36	36	9.0	R10-11b	AP	9.0					MOUNT ON SIGNAL POST
			24	12	2.0	R10-I101P	AP	2.0					
31ST STREET	126+35	RT	36	36	9.0	R3-1	AP	9.0					MOUNT ON SIGNAL POST
31ST STREET	126+40	RT	24	12	2.0	M3-1	AP	2.0		16.3			
			24	24	4.0	M1-I100	AP	4.0					
			21	15	2.2	M6-1	AP	2.2					
31ST STREET	126+75	MEDIAN	24	12	2.0	M3-1	AP	2.0		14.3			
			24	24	4.0	M1-I100	AP	4.0					
			21	15	2.2	M6-1	AP	2.2					
			36	36	9.0	R3-2	AP	9.0					
31ST STREET	126+75	MEDIAN	24	30	5.0	R4-7	AP	5.0		12.5			
31ST STREET	126+81	LT	24	12	2.0	M3-1	AP	2.0					MOUNT ON SIGNAL POST
			24	24	4.0	M1-I100	AP	4.0					
			21	15	2.2	M6-1	AP	2.2					
31ST STREET	126+89	RT	48	48	16.0	R5-1	AP				1		
			54	18	6.8	R6-1L	AP						
			54	18	6.8	R6-1R	AP						
31ST STREET	127+15	MEDIAN	30	42	8.8	R10-11C	AP	8.8					MOUNT ON SIGNAL POST
31ST STREET	127+42	RT	30	42	8.8	R10-11C	AP	8.8					MOUNT ON SIGNAL POST
31ST STREET	127+60	RT	48	48	16.0	R5-1	AP		16.0	35			MOUNT ON TWO POSTS
			54	18	6.8	R6-1L	AP	6.8					
			54	18	6.8	R6-1R	AP	6.8					

PROPOSED SIGNING SCHEDULE (CONTINUED)

ROADWAY	STATION	RT/LT/ MEDIAN	W WIDTH (IN)	H HEIGHT (IN)	PANEL AREA (SQ FT)	MUTCD SIGN CODE	SHEET-ING TYPE	PROPOSED SIGNS		SIGN SUPPORT	SIGN RELOCATIONS		COMMENTS
								SIGN PANEL - TYPE 1 (SQ FT)	SIGN PANEL - TYPE 2 (SQ FT)	TELESCOPING STEEL SIGN SUPPORT (FOOT)	RELOCATE SIGN PANEL ASSEMBLY - TYPE B (EACH)	RELOCATE SIGN PANEL - TYPE 1 (SQ FT)	
31ST STREET	128+62	LT	30	36	7.5	R3-5R	AP	7.5		15			
31ST STREET	131+30	RT	24	30	5.0		AP			14.5		5.0	
31ST STREET	132+32	RT	36	30	7.5	R3-8	AP	7.5		16.5			
			24	12	2.0	M3-3	AP	2.0					
			24	24	4.0	M1-I100	AP	4.0					
			24	18	3.0	M5-4	AP	3.0					
31ST STREET	132+33	LT	24	12	2.0	M3-1	AP	2.0		16.25			
			24	24	4.0	M1-I100	AP	4.0					
			21	15	2.2	M5-1R	AP	2.2					
31ST STREET	134+19	LT	36	36	9.0	R3-7R	AP	9.0		15			
31ST STREET	136+06	LT	24	12	2.0	M3-3	AP	2.0		16.5			
			24	24	4.0	M1-I100	AP	4.0					
			24	18	3.0	M5-KL	AP	3.0					
			24	12	2.0	M3-1	AP	2.0					
			24	24	4.0	M1-I100	AP	4.0					
			24	18	3.0	M5-6	AP	3.0					
31ST STREET	138+40	LT	30	21	4.4	M2-1	AP	4.4		16.75			
			36	36	9.0	M1-I100	AP	9.0					
31ST STREET	139+02	LT	30	36	7.5	R3-5R	AP	7.5		15			
31ST STREET	139+33	MEDIAN	24	30	5.0	R6-2R	AP	5.0		12.5			
31ST STREET	139+72	LT	30	36	7.5	R2-1	AP	7.5		15			
31ST STREET	139+72	LT	24	24	4.0	M1-6	AP	4.0		14			
31ST STREET	140+85	LT	36	36	9.0	W4-3R	AZ	9.0		15			
31ST STREET	141+70	RT	24	30	5.0		AP					5.0	RELOCATE TO SIGNAL POST
31ST STREET	141+71	MEDIAN	30	30	6.3	R3-8	AP	6.3		12.5			
			24	30	5.0	R4-7	AP	5.0					
HNTR TRLS PKWY	142+85	RT	24	24	4.0	M1-6	AP	4.0					MOUNT ON SIGNAL POST
HNTR TRLS PKWY	142+85	RT	24	30	5.0		AP					5.0	RELOCATE TO SIGNAL POST
31ST STREET	143+07	MEDIAN	30	36	7.5	R3-5L	AP	7.5		13			
			24	30	5.0	R4-7	AP	5.0					
31ST STREET	145+40	MEDIAN	30	36	7.5	R3-5L	AP	7.5		13			
31ST STREET	147+12	LT	30	36	7.5	R3-5R	AP	7.5		15			
31ST STREET	148+16	RT	36	36	9.0	W2-1	AP	9.0			1		FLASHING BEACON
			36	12	3.0	W16-8P	AP	3.0					
JORIE BLVD	500+63	RT	24	30	5.0		AP					5.0	RELOCATE TO SIGNAL POST
JORIE BLVD	501+02	RT	30	30	6.3	W11-8	AZ	6.3		14.5			
JORIE BLVD	501+28	LT	30	36	7.5	R3-5R	AP	7.5		15			
JORIE BLVD	501+36	RT	24	30	5.0		AP			14.5		5.0	
I-83 RAMP B	2119+00	LT	54	30	11.3	R3-8	AP		11.3	29			MOUNT ON TWO POSTS
I-83 RAMP B	2119+00	RT	54	30	11.3	R3-8	AP		11.3	29			MOUNT ON TWO POSTS
I-83 RAMP B	2120+00	RT	30	24	5.0		AP			14		5.0	
I-83 RAMP B	2120+58	RT	42	30	8.8	R5-1A	AP	8.8		14.5			
I-83 RAMP B	2121+25	RT	36	36	9.0	W11-15	AZ	9.0		16.5			FLUORESCENT YELLOW-GREEN
			30	18	3.8	W16-9P	AZ	3.8					FLUORESCENT YELLOW-GREEN
I-83 RAMP B	2122+17	RT	42	30	8.8	R5-1A	AP	8.8		14.5			
I-83 RAMP B	2123+46	LT	48	48	16.0	R5-1	AP				1		RELOCATE TO STA 2123+29
I-83 RAMP B	2123+53	RT	36	36	9.0	W11-15	AZ	9.0		16.25			FLUORESCENT YELLOW-GREEN
			21	15	2.2	W16-7P	AZ	2.2					FLUORESCENT YELLOW-GREEN
I-83 RAMP B	2123+72	LT	36	36	9.0	W11-15	AZ	9.0		16.25			FLUORESCENT YELLOW-GREEN
			21	15	2.2	W16-7P	AZ	2.2					FLUORESCENT YELLOW-GREEN
TRAFFIC SIGNAL MAST ARM SIGNS (SEE TRAFFIC SIGNAL PLANS)								105.0					
PROJECT TOTAL								**518**	**39**	**597**	**6**	**30**	

KNIGHT
Engineers & Architects

DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED SIGNING SCHEDULE
31ST STREET

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

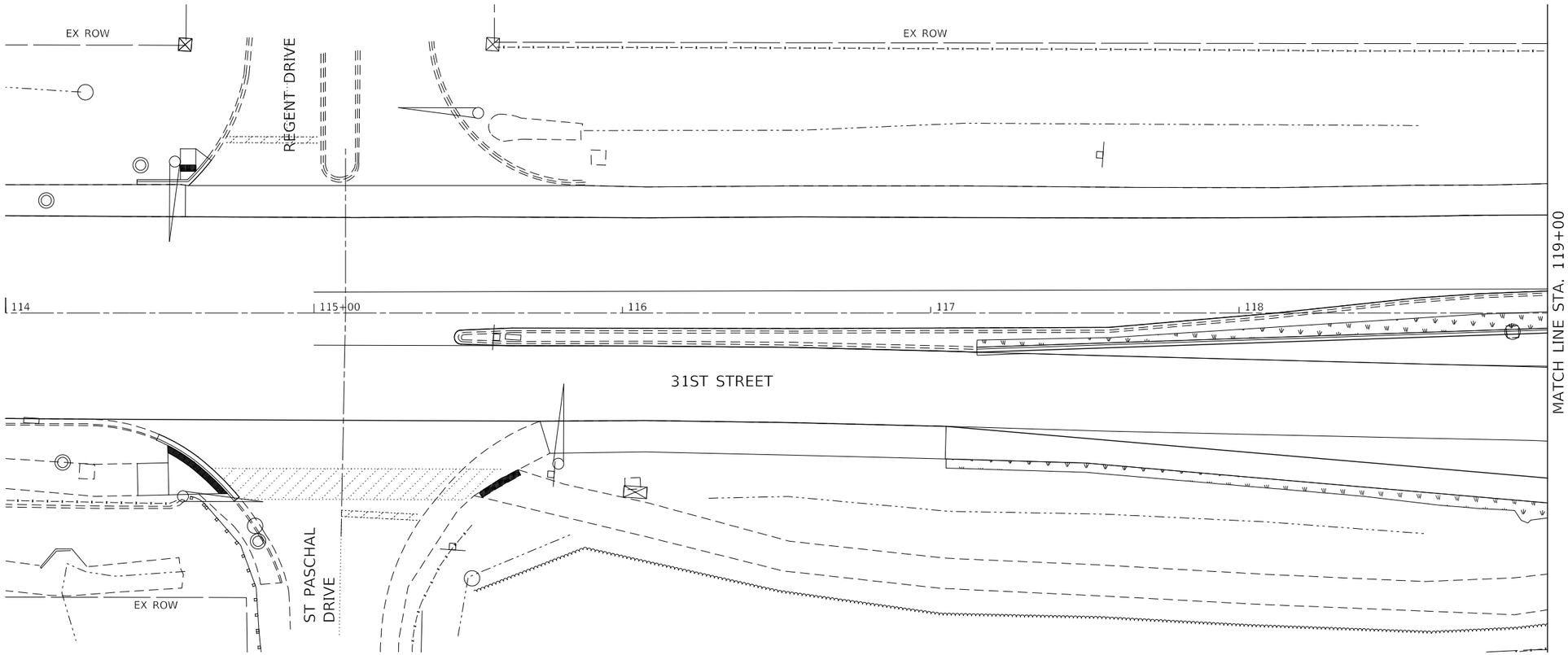
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	174
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

LEGEND:

TOPSOIL, 6"
SODDING, SALT TOLERANT

TOPSOIL, 6"
SEEDING, CLASS 2A
EROSION CONTROL BLANKET

TOPSOIL, 6"
SODDING



NOTES:

1. SEE ADA DETAIL SHEETS FOR ADDITIONAL LANDSCAPED AREAS.
2. EXISTING TOPSOIL THICKNESS IS ESTIMATED TO BE 6": ACTUAL THICKNESS SHALL BE VERIFIED IN THE FIELD. TOPSOIL THAT IS STRIPPED SHALL BE STOCKPILED, SORTED AND REUSED FOR PROPOSED LANDSCAPING. THIS WORK SHALL BE PAID FOR AS "TOPSOIL EXCAVATION AND PLACEMENT". ANY ADDITIONAL TOPSOIL REQUIRED SHALL BE FURNISHED BY THE CONTRACTOR AND PAID AS "TOPSOIL FURNISH AND PLACE, 6 IN".

N

0 20 40 60
SCALE IN FEET

KNIGHT
Engineers & Architects

DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 1 OF 9 SHEETS | STA. 114+00 | TO STA. 119+00

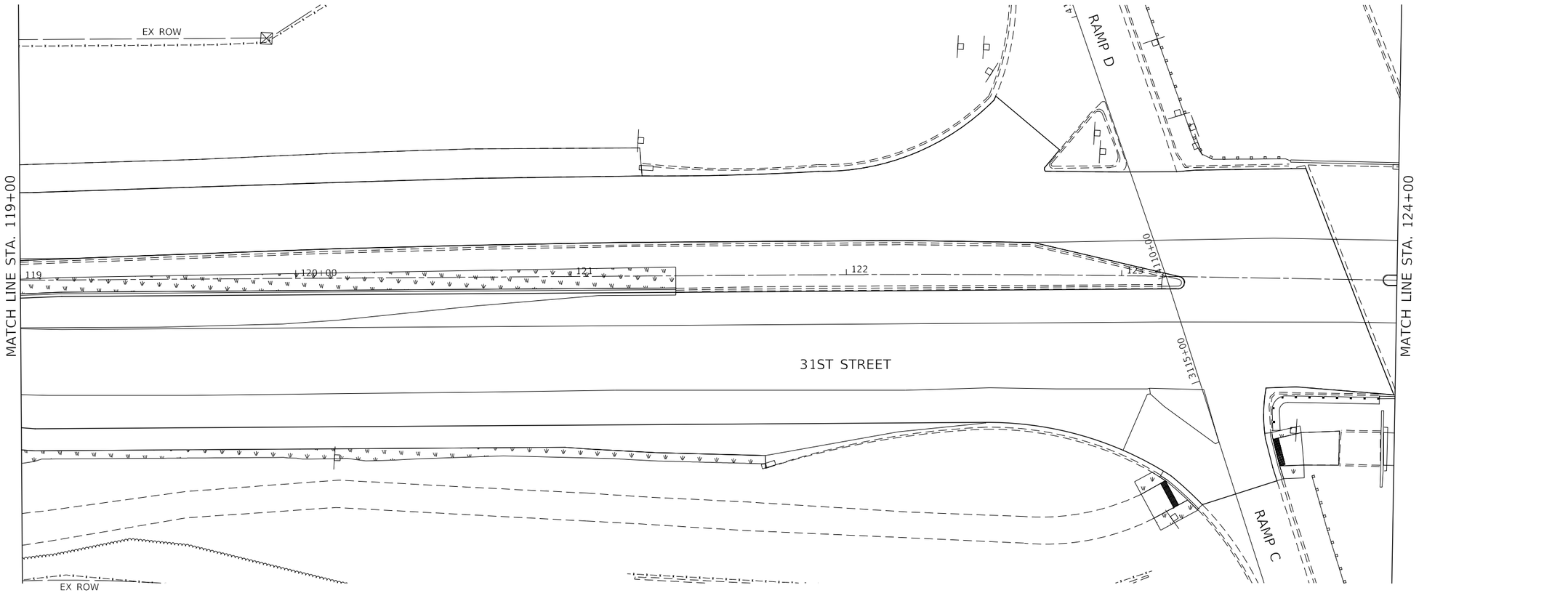
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	175
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		

LEGEND:

TOPSOIL, 6"
SODDING, SALT TOLERANT

TOPSOIL, 6"
SEEDING, CLASS 2A
EROSION CONTROL BLANKET

TOPSOIL, 6"
SODDING



NOTES:

1. SEE ADA DETAIL SHEETS FOR ADDITIONAL LANDSCAPED AREAS.
2. EXISTING TOPSOIL THICKNESS IS ESTIMATED TO BE 6"; ACTUAL THICKNESS SHALL BE VERIFIED IN THE FIELD. TOPSOIL THAT IS STRIPPED SHALL BE STOCKPILED, SORTED AND REUSED FOR PROPOSED LANDSCAPING. THIS WORK SHALL BE PAID FOR AS "TOPSOIL EXCAVATION AND PLACEMENT". ANY ADDITIONAL TOPSOIL REQUIRED SHALL BE FURNISHED BY THE CONTRACTOR AND PAID AS "TOPSOIL FURNISH AND PLACE, 6 IN".

N

0 20 40 60
SCALE IN FEET

KNIGHT
Engineers & Architects

DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 2 OF 9 SHEETS | STA. 119+00 | TO STA. 124+00

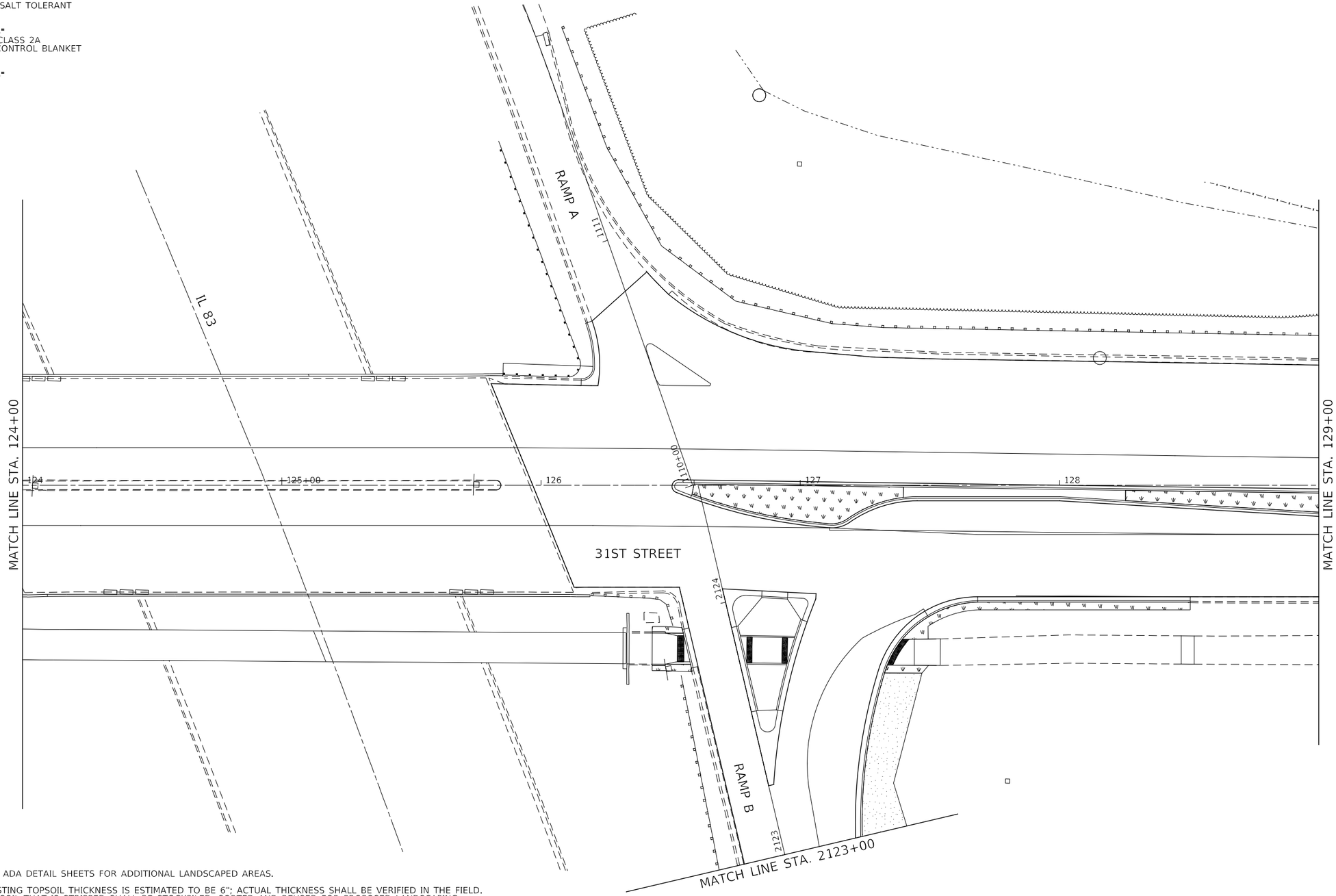
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	176
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

LEGEND:

TOPSOIL, 6"
SODDING, SALT TOLERANT

TOPSOIL, 6"
SEEDING, CLASS 2A
EROSION CONTROL BLANKET

TOPSOIL, 6"
SODDING



NOTES:

1. SEE ADA DETAIL SHEETS FOR ADDITIONAL LANDSCAPED AREAS.
2. EXISTING TOPSOIL THICKNESS IS ESTIMATED TO BE 6"; ACTUAL THICKNESS SHALL BE VERIFIED IN THE FIELD. TOPSOIL THAT IS STRIPPED SHALL BE STOCKPILED, SORTED AND REUSED FOR PROPOSED LANDSCAPING. THIS WORK SHALL BE PAID FOR AS "TOPSOIL EXCAVATION AND PLACEMENT". ANY ADDITIONAL TOPSOIL REQUIRED SHALL BE FURNISHED BY THE CONTRACTOR AND PAID AS "TOPSOIL FURNISH AND PLACE, 6 IN".

KNIGHT
Engineers & Architects

DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 3 OF 9 SHEETS | STA. 124+00 TO STA. 129+00

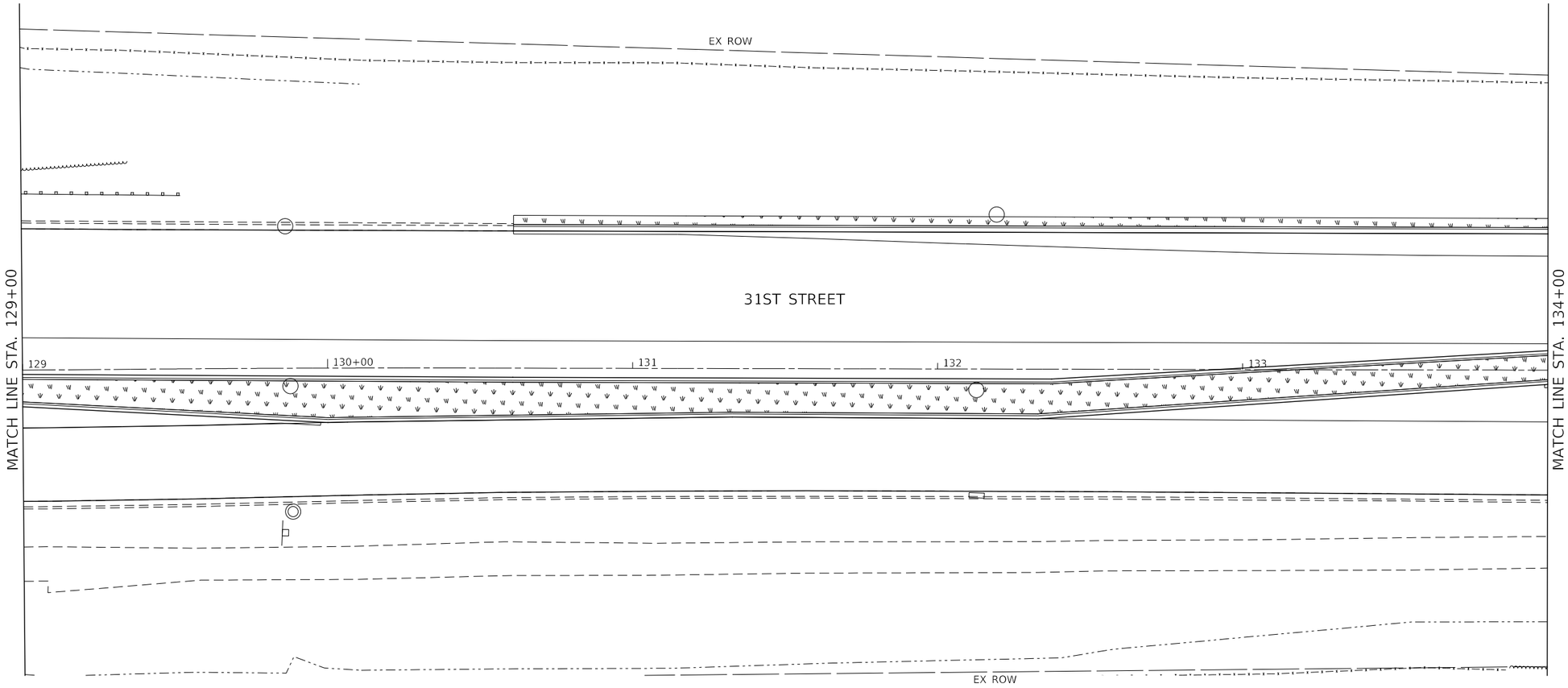
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	177
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

LEGEND:

TOPSOIL, 6"
SODDING, SALT TOLERANT

TOPSOIL, 6"
SEEDING, CLASS 2A
EROSION CONTROL BLANKET

TOPSOIL, 6"
SODDING



NOTES:

1. SEE ADA DETAIL SHEETS FOR ADDITIONAL LANDSCAPED AREAS.
2. EXISTING TOPSOIL THICKNESS IS ESTIMATED TO BE 6": ACTUAL THICKNESS SHALL BE VERIFIED IN THE FIELD. TOPSOIL THAT IS STRIPPED SHALL BE STOCKPILED, SORTED AND REUSED FOR PROPOSED LANDSCAPING. THIS WORK SHALL BE PAID FOR AS "TOPSOIL EXCAVATION AND PLACEMENT". ANY ADDITIONAL TOPSOIL REQUIRED SHALL BE FURNISHED BY THE CONTRACTOR AND PAID AS "TOPSOIL FURNISH AND PLACE, 6 IN".

N

0 20 40 60
SCALE IN FEET

KNIGHT
Engineers & Architects

DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 4 OF 9 SHEETS | STA. 129+00 TO STA. 134+00

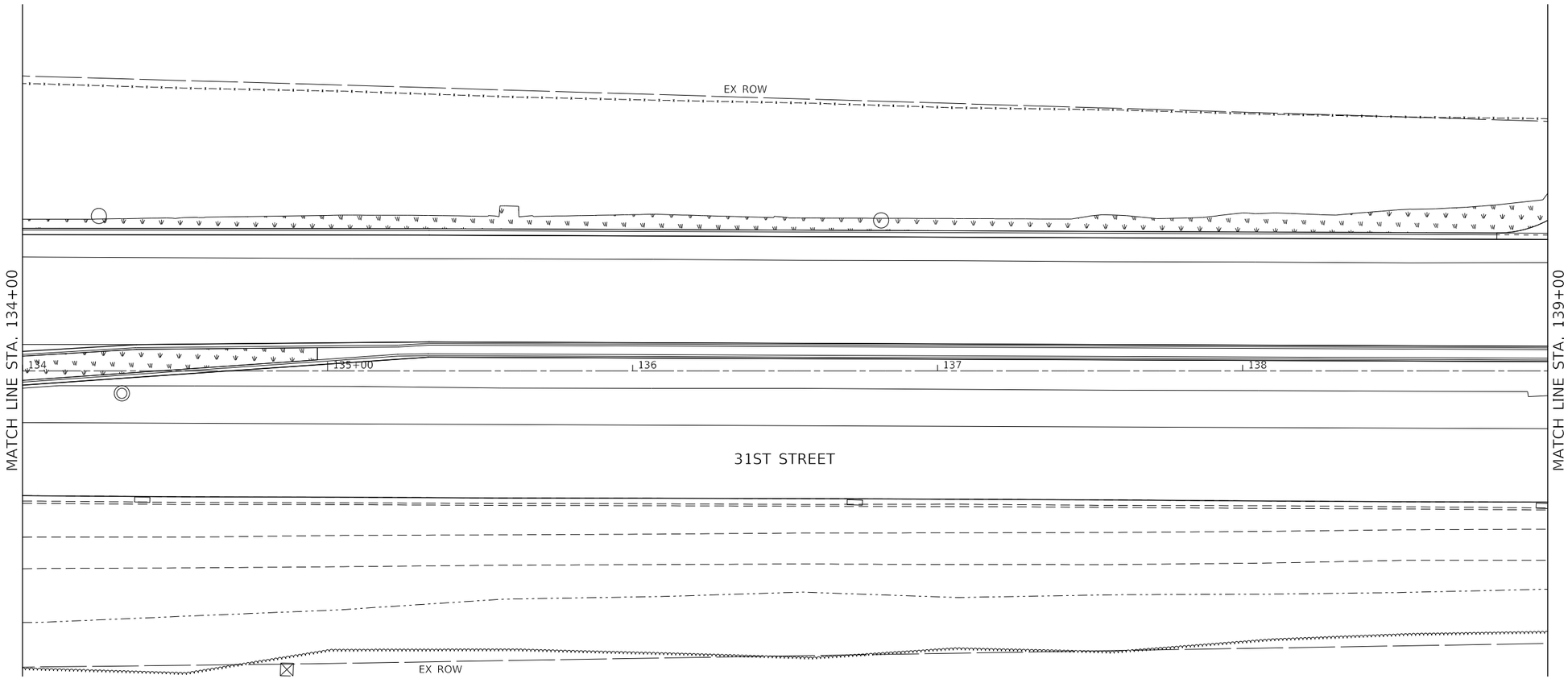
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	178
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		

LEGEND:

TOPSOIL, 6"
SODDING, SALT TOLERANT

TOPSOIL, 6"
SEEDING, CLASS 2A
EROSION CONTROL BLANKET

TOPSOIL, 6"
SODDING



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SCALE IN FEET

KNIGHT
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DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 5 OF 9 SHEETS | STA. 134+00 | TO STA. 139+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	179
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		

LEGEND:

TOPSOIL, 6"
SODDING, SALT TOLERANT

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SEEDING, CLASS 2A
EROSION CONTROL BLANKET

TOPSOIL, 6"
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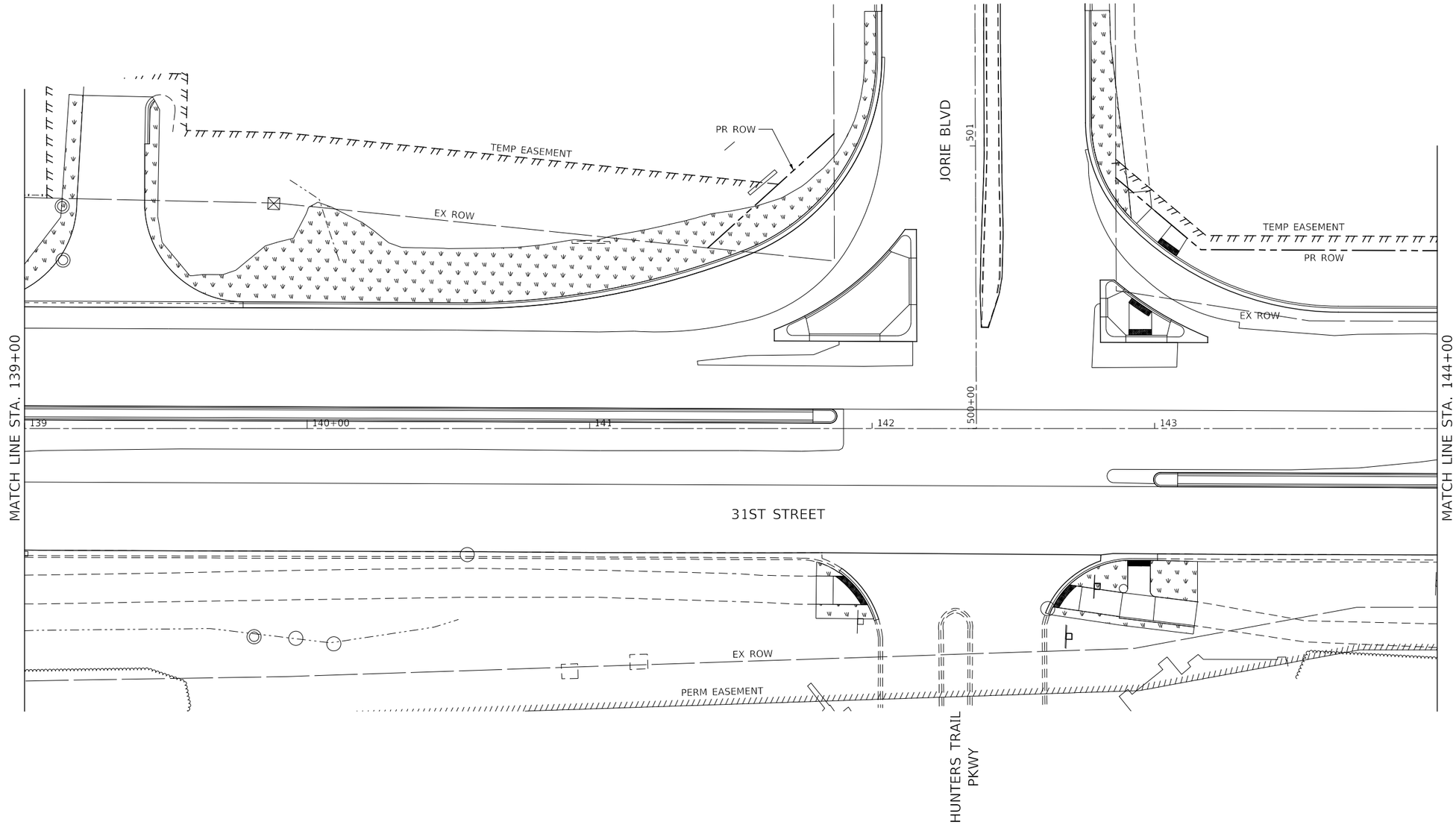

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SCALE IN FEET

KNIGHT
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DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 6 OF 9 SHEETS | STA. 139+00 TO STA. 144+00

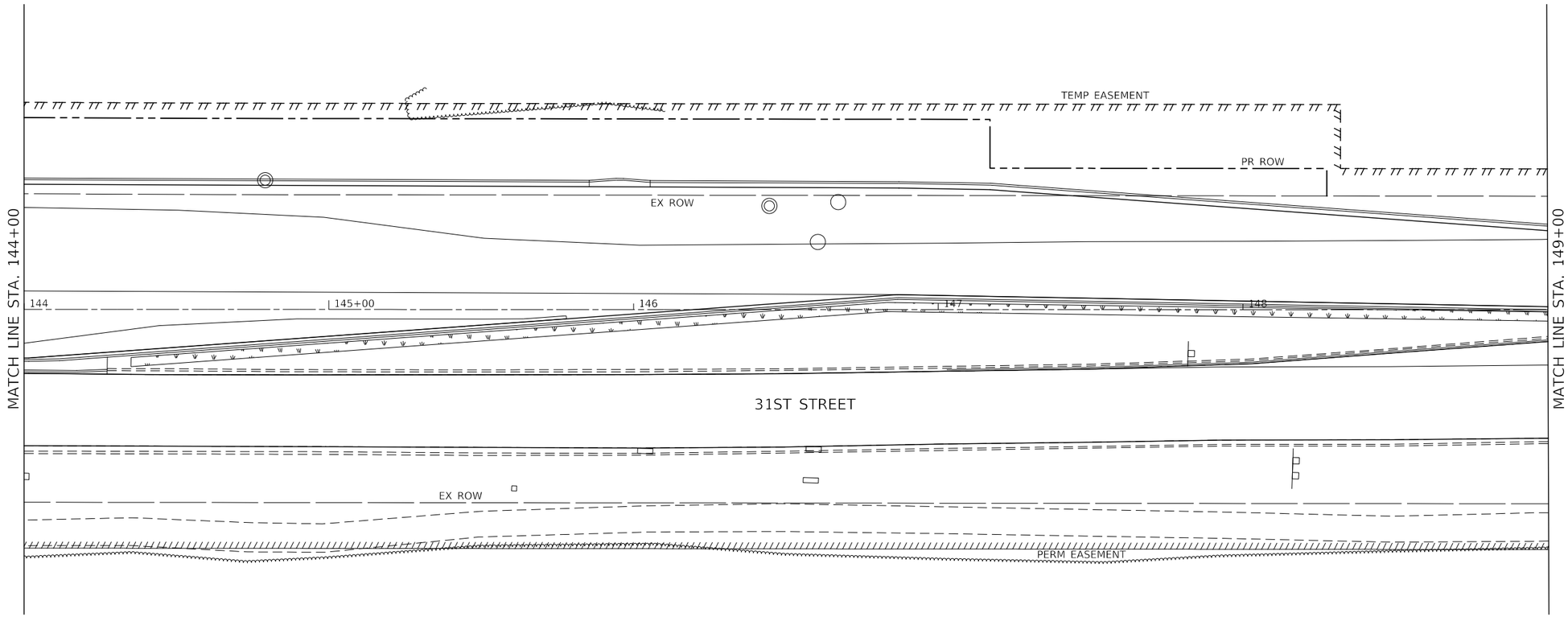
F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	180
		CONTRACT NO. 61G12		
	ILLINOIS	FED. AID PROJECT		

LEGEND:

TOPSOIL, 6"
SODDING, SALT TOLERANT

TOPSOIL, 6"
SEEDING, CLASS 2A
EROSION CONTROL BLANKET

TOPSOIL, 6"
SODDING



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SCALE IN FEET

KNIGHT
Engineers & Architects

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CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 7 OF 9 SHEETS | STA. 144+00 | TO STA. 149+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	181
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

LEGEND:

TOPSOIL, 6"
SODDING, SALT TOLERANT

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SEEDING, CLASS 2A
EROSION CONTROL BLANKET

TOPSOIL, 6"
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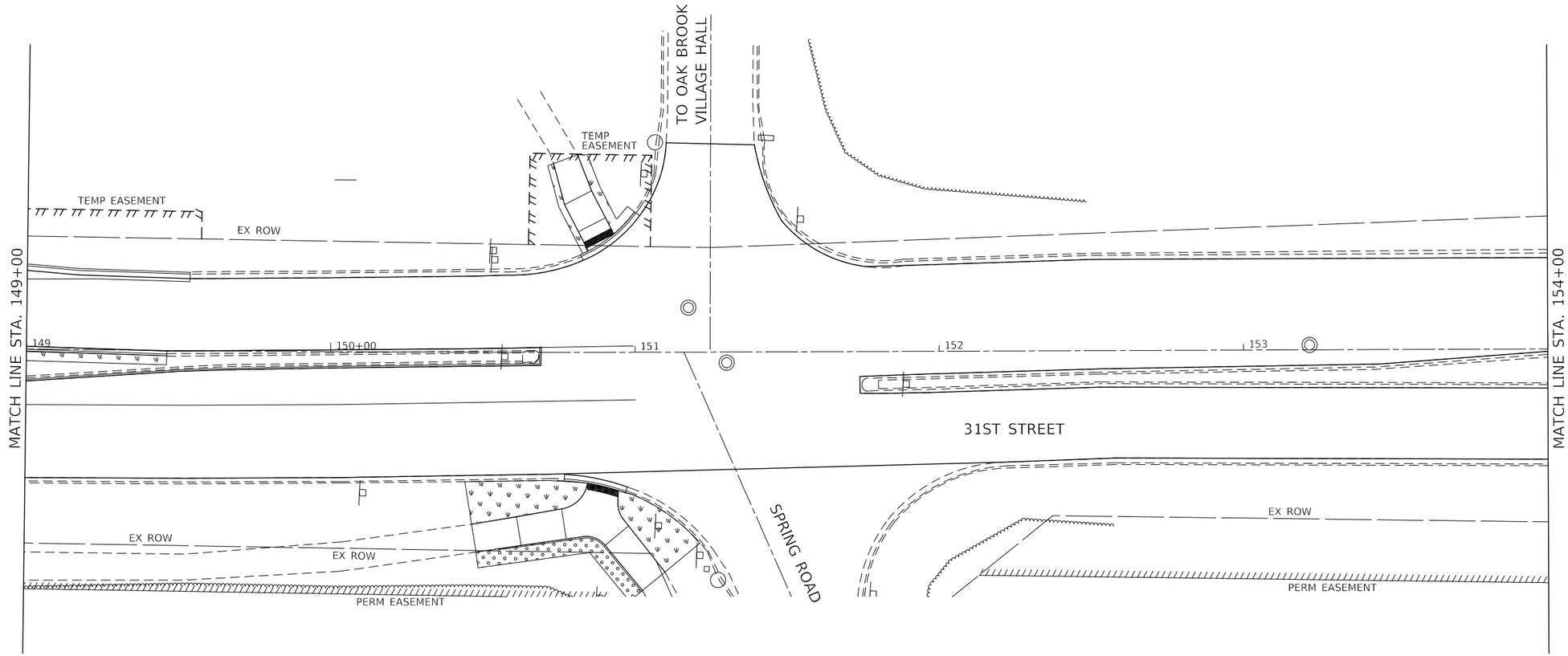

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SCALE IN FEET

KNIGHT
Engineers & Architects

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DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN
31ST STREET

SCALE: AS SHOWN | SHEET 8 OF 9 SHEETS | STA. 149+00 TO STA. 154+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	182
		CONTRACT NO. 61G12		
		ILLINOIS	FED. AID PROJECT	

LEGEND:

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SODDING, SALT TOLERANT

TOPSOIL, 6"
SEEDING, CLASS 2A
EROSION CONTROL BLANKET

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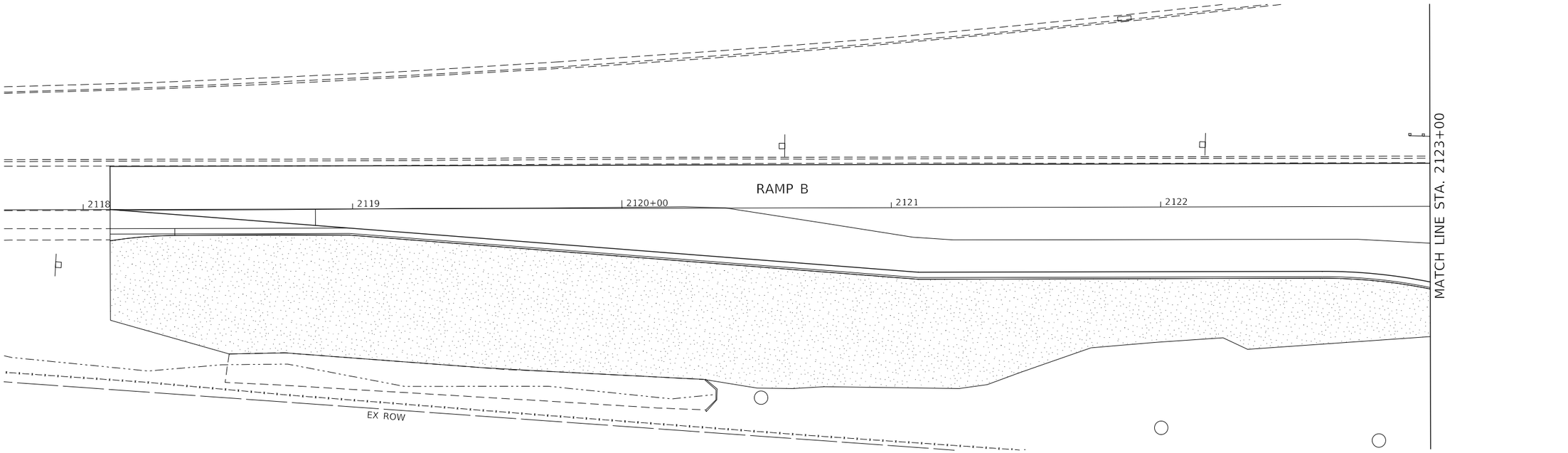

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SCALE IN FEET

KNIGHT
Engineers & Architects

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DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LANDSCAPE PLAN
RAMP B

SCALE: AS SHOWN | SHEET 9 OF 9 SHEETS | STA. 2118+00 | TO STA. 2123+00

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	183
		CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

TRAFFIC SIGNAL SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL	31ST STREET AND IL 83 SOUTH RAMPS	31ST STREET AND IL 83 NORTH RAMPS	31ST STREET AND JORIE BOULEVARD	31ST STREET AND MEYERS ROAD	31ST STREET AND MIDWEST ROAD	31ST STREET AND CONCORD DR/TRINITY LN	31ST STREET AND REGENT DR/ ST PASCHAL DR	INTERCONNECT
SIGN PANEL - TYPE 1	SQ FT	105	33	42	30					
SERVICE INSTALLATION - POLE MOUNTED	EACH	3				1	1		1	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	1443	202	459	782					
UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	707	381	138	65	29	14	28	52	
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	1357	393	493	471					
UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	1881								1881
HANDHOLE	EACH	16	3	6	5					2
HEAVY-DUTY HANDHOLE	EACH	1	1							
DOUBLE HANDHOLE	EACH	5	1	2	2					
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	520			520					
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 3-1/C NO. 8	FOOT	507			507					
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	7				1	1	1	1	3
ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	2767								2767
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 2C	FOOT	3003	170	397	925	837	47	157	470	
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	5873	738	1187	2130	1020	302	496		
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	9256	2655	3873	2728					
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1271	171	127	973					
ELECTRIC CABLE IN CONDUIT, LEAD-IN, NO. 14 1 PAIR	FOOT	3247	1420	1827						
ELECTRIC CABLE IN CONDUIT, SERVICE, NO. 6 2 C	FOOT	961	338	234	62	145	36		146	
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	3357	920	845	1130	187	57	35	183	
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	9	3	3	3					
TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1			1					
STEEL MAST ARM ASSEMBLY AND POLE, 26 FT.	EACH	3	2	1						
STEEL MAST ARM ASSEMBLY AND POLE, 30 FT.	EACH	1	1							
STEEL MAST ARM ASSEMBLY AND POLE, 36 FT.	EACH	1	1							
STEEL MAST ARM ASSEMBLY AND POLE, 38 FT.	EACH	1	1							
STEEL MAST ARM ASSEMBLY AND POLE, 44 FT.	EACH	1		1						
STEEL MAST ARM ASSEMBLY AND POLE WITH DUAL MAST ARMS, 38 FT. AND 40 FT.	EACH	1		1						
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	2		1	1					
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 44 FT.	EACH	2			2					
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 48 FT.	EACH	1			1					
CONCRETE FOUNDATION, TYPE A	FOOT	52	16	16	20					
CONCRETE FOUNDATION, TYPE C	FOOT	12	4	4	4					
CONCRETE FOUNDATION, TYPE E 30-INCH DIAMETER	FOOT	30	20	10						
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	133	33	40	60					
DRILL EXISTING HANDHOLE	EACH	16	8	1	1	2	1	1	1	1
FLASHING BEACON INSTALLATION	EACH	1			1					
SIGNAL HEAD, LED, 1-FACE, 1-SECTION, BRACKET MOUNTED	EACH	1			1					
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, MAST-ARM MOUNTED	EACH	33	12	12	9					
SIGNAL HEAD, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	15	4	4	7					
SIGNAL HEAD, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2	1	1						
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	3			3					
SIGNAL HEAD, LED, 1-FACE, 5-SECTION, MAST-ARM MOUNTED	EACH	1			1					
PEDESTRIAN SIGNAL HEAD, LED, 1-FACE, BRACKET MOUNTED WITH COUNTDOWN TIMER	EACH	16	2	4	6	4				
TRAFFIC SIGNAL BACKPLATE, LOUVERED, FORMED PLASTIC	EACH	10			10					
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	24	12	12						
INDUCTIVE LOOP DETECTOR	EACH	13	6	7						
DETECTOR LOOP, TYPE I	FOOT	1734	480	663		198	262		131	
CONFIRMATION BEACON	EACH	7				2	2	3		
LIGHT DETECTOR	EACH	10	3	3	4					

TRAFFIC SIGNAL SCHEDULE OF QUANTITIES

ITEM	UNIT	TOTAL	31ST STREET AND IL 83 SOUTH RAMPS	31ST STREET AND IL 83 NORTH RAMPS	31ST STREET AND JORIE BOULEVARD	31ST STREET AND MEYERS ROAD	31ST STREET AND MIDWEST ROAD	31ST STREET AND CONCORD DR/TRINITY LN	31ST STREET AND REGENT DR/ ST PASCHAL DR	INTERCONNECT
LIGHT DETECTOR AMPLIFIER	EACH	3	1	1	1					
TEMPORARY TRAFFIC SIGNAL INSTALLATION	EACH	3	1	1	1					
MODIFY EXISTING CONTROLLER CABINET	EACH	4				1	1	1	1	
REMOVE ELECTRIC CABLE FROM CONDUIT	FOOT	5280				1158	667	2528	927	
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	8	1	1	1	1	1	1	1	1
REMOVE EXISTING HANDHOLE	EACH	32	10	7	14			1		
REMOVE EXISTING DOUBLE HANDHOLE	EACH	1			1					
REMOVE EXISTING CONCRETE FOUNDATION	EACH	23	7	7	9					
OPTIMIZE TRAFFIC SIGNAL SYSTEM	EACH	1								1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	3	1	1	1					
EMERGENCY VEHICLE PRIORITY SYSTEM LINE SENSOR CABLE, NO. 20 3/C	FOOT	2104	554	643	907					
RADAR VEHICLE DETECTION SYSTEM	EACH	3				1	1		1	
CELLULAR MODEM	EACH	1							1	
LED INTERNALLY ILLUMINATED STREET NAME SIGN	EACH	8	2	2	4					
FULL-ACTUATED CONTROLLER AND TYPE SUPER P CABINET (SPECIAL)	EACH	2	1	1						
OUTDOOR RATED NETWORK CABLE	FOOT	849		231	213			192	213	
SERVICE INSTALLATION, GROUND MOUNTED, METERED	EACH	3	1	1	1					
REMOTE CONTROLLED VIDEO SYSTEM	EACH	3		1	1				1	
LAYER II (DATALINK) SWITCH	EACH	4	1	1	1				1	
UPGRADE EXISTING CONTROLLER TO NTCIP SPECIAL	EACH	4					1		1	2
LUMINAIRE, LED, SPECIAL	EACH	4			4					
WIRELESS TRANSMISSION SYSTEM POINT TO POINT	EACH	2						1	1	
PEDESTRIAN SIGNAL POST, 10 FT.	EACH	3	1	1		1				
RADAR VEHICLE DETECTION SYSTEM, SINGLE APPROACH, STOP BAR AND FAR BACK	EACH	2	1	1						
PEDESTRIAN SIGNAL POST, 5 FT.	EACH	6			1	1	1	1	2	
ELECTRIC CABLE IN CONDUIT, STREET NAME SIGN, NO. 14 3C, TYPE SOOW	FOOT	1509	289	503	717					
CONDUIT SPLICE	EACH	3				1	1		1	
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1			1					
UNINTERRUPTABLE POWER SUPPLY, SPECIAL	EACH	3	1	1	1					
UNINTERRUPTABLE POWER SUPPLY AND CABINET, SPECIAL	EACH	1							1	
FIBER OPTIC CABLE 48 FIBERS, SINGLE MODE	FOOT	2813								2813
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 10 5C	FOOT	699			699					
ACCESSIBLE PEDESTRIAN SIGNALS	EACH	30	2	3	5	8	4	4	4	
CONCRETE FOUNDATION, TYPE A 10-INCH DIAMETER	FOOT	36	4	4	4	8	4	4	8	
MODIFY EXISTING CONTROLLER CABINET, SPECIAL	EACH	4					1		1	2
ELECTRIC METER	EACH	4				1	1	1	1	
TERMINAL SERVER	EACH	2						1	1	
VEHICLE DETECTION SYSTEM, SPECIAL	EACH	2			1			1		

TEMPORARY TRAFFIC SIGNAL GENERAL NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUPPLYING AND INSTALLING EMERGENCY VEHICLE PREEMPTION EQUIPMENT, AS REQUIRED, ON THE TEMPORARY SIGNALS, AS SHOWN ON THE PLANS.
2. ALL WOOD POLES SHALL BE LOCATED WITH THEIR CENTERLINES A MINIMUM OF 6 (SIX) FEET FROM THE BACK OF CURB UNLESS NOTED OR DIMENSIONED TO THE CONTRARY ON THE DRAWINGS. IN NON-CURBED AREAS THE WOOD POLE SHALL BE LOCATED A MINIMUM OF 10 (TEN) FEET BEHIND THE EDGE OF PAVEMENT OR TWO (2) FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER.
3. ALL CABLE SHALL HAVE STRANDED CONDUCTORS WHERE ANY PORTION OF THE CABLE IS INSTALLED AERIAL SUSPENDED. ALL WIRING TERMINATIONS OF STRANDED CONDUCTORS SHALL BE MADE WITH SOLDERLESS TOOL COMPRESSED TERMINALS.
4. (RESERVED)
5. THE RELOCATION AND RAISING OF COMMONWEALTH EDISON COMPANY (COMED) FACILITIES SHALL BE PERFORMED BY COMED.
6. NO ADDITIONAL PAYMENT SHALL BE MADE FOR ANY DELAYS OR SIGNAL HEAD RELOCATIONS RESULTING FROM UTILITY RELOCATIONS, CHANGES IN STAGING, OR REMOVAL OF TEMPORARY SIGNALS.

PERMANENT TRAFFIC SIGNAL GENERAL NOTES

1. THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING AT HANDHOLES, JACKING PITS AND INSPECTION OPENINGS SHALL BE SAW CUT AROUND THE AREA TO BE REMOVED. THE REMOVAL AND REPLACEMENT OF SIDEWALK, DRIVEWAY, MEDIAN AND ISLAND SURFACE PAVING WILL BE PAID FOR SEPARATELY.
2. THE EXACT LOCATION OF ALL UTILITIES SHALL BE FIELD VERIFIED BY THE CONTRACTOR BEFORE THE INSTALLATION OF ANY COMPONENTS OF THE TRAFFIC SIGNAL SYSTEM. FOR LOCATIONS OF UTILITIES, CALL J.U.L.I.E. TOLL FREE NUMBER 1-800-892-0123.
3. ALL SIGNAL POSTS AND MAST ARM POLES SHALL BE LOCATED WITH THEIR CENTERLINES A MINIMUM OF FOUR (4) FEET AND SIX (6) FEET RESPECTIVELY FROM THE BACK OF CURB UNLESS NOTED OR DIMENSIONED TO THE CONTRARY ON THE DRAWINGS. IN NON-CURBED AREAS THE MAST ARM POLE SHALL BE LOCATED A MINIMUM OF TEN (10) FEET BEHIND THE EDGE OF PAVEMENT OR TWO (2) FEET BEHIND THE EDGE OF SHOULDER, WHICHEVER DISTANCE IS GREATER. SIGNAL POSTS SHALL BE PLACED AT A MINIMUM OF TWO (2) FEET BEHIND THE EDGE OF SHOULDER.
4. THE CONTRACTOR SHALL CONTACT DUPAGE COUNTY DIVISION OF TRANSPORTATION (630/407-6900) FOR TRAFFIC SIGNAL CABLE LOCATION, A MINIMUM OF 48 HOURS IN ADVANCE (SATURDAYS, SUNDAYS AND HOLIDAYS EXCLUDED) AT ANY LOCATION WITHIN THE RIGHT-OF-WAY.
5. CONTACT DUPAGE COUNTY TRAFFIC SIGNAL COORDINATOR (630/407-6900) TO APPROVE LOCATIONS OF LOOPS, SIGNAL FOUNDATIONS AND SIGNAL HEADS.
6. LEAD-IN CABLE AND DETECTOR LOOPS SHALL BE SAWCUT 4" DEEP INTO THE PAVEMENT WHERE BITUMINOUS SURFACE COURSE IS NOT PART OF THE CONTRACT.
7. ALL PRESENCE LOOPS SHALL BE EQUIPPED WITH AN INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT.
8. ALL LUMINAIRE ARMS SHALL BE 20 FEET LONG UNLESS OTHERWISE NOTED.
9. ALL LUMINAIRES SHALL BE MOUNTED AT 45 FOOT HEIGHT UNLESS OTHERWISE NOTED.

TRAFFIC SIGNAL LEGEND

(NOT TO SCALE)

ITEM	EXISTING	PROPOSED
CONTROLLER CABINET		
COMMUNICATION CABINET	CC	CC
MASTER CONTROLLER	MC	MC
MASTER MASTER CONTROLLER	MMC	MMC
UNINTERRUPTABLE POWER SUPPLY		
SERVICE INSTALLATION -(P) POLE MOUNTED	P	P
SERVICE INSTALLATION -(G) GROUND MOUNTED -(GM) GROUND MOUNTED METERED	G GM	G GM
TELEPHONE CONNECTION	ET	T
STEEL MAST ARM ASSEMBLY AND POLE		
ALUMINUM MAST ARM ASSEMBLY AND POLE		
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE WITH LUMINAIRE		
SIGNAL POST -(BM) BARREL MOUNTED - TEMPORARY		BM
WOOD POLE		
GUY WIRE		
SIGNAL HEAD		
SIGNAL HEAD WITH BACKPLATE		
SIGNAL HEAD OPTICALLY PROGRAMMED	P P	P P
FLASHER INSTALLATION -(FS) SOLAR POWERED	F FS F FS	F FS F FS
PEDESTRIAN SIGNAL HEAD		
PEDESTRIAN PUSH BUTTON -(APS) ACCESSIBLE PEDESTRIAN PUSH BUTTON	APS	APS
RADAR DETECTION SENSOR	R	R
VIDEO DETECTION CAMERA	V	V
RADAR/VIDEO DETECTION ZONE		
PAN. TILT. ZOOM (PTZ) CAMERA	PTZ	PTZ
EMERGENCY VEHICLE LIGHT DETECTOR		
CONFIMATION BEACON		
WIRELESS INTERCONNECT		
WIRELESS INTERCONNECT RADIO REPEATER	ERR	RR

ITEM	EXISTING	PROPOSED
HANDHOLE -SQUARE -ROUND		
HEAVY DUTY HANDHOLE -SQUARE -ROUND	H	H
DOUBLE HANDHOLE		
JUNCTION BOX		
RAILROAD CANTILEVER MAST ARM		
RAILROAD FLASHING SIGNAL		
RAILROAD CROSSING GATE		
RAILROAD CROSSBUCK		
RAILROAD CONTROLLER CABINET		
UNDERGROUND CONDUIT (UC), GALVANIZED STEEL		
TEMPORARY SPAN WIRE, TETHER WIRE, AND CABLE		
SYSTEM ITEM	S	SP
INTERSECTION ITEM	I	IP
REMOVE ITEM		R
RELOCATE ITEM		RL
ABANDON ITEM		A
CONTROLLER CABINET AND FOUNDATION TO BE REMOVED		RCF
MAST ARM POLE AND FOUNDATION TO BE REMOVED		RMF
SIGNAL POST AND FOUNDATION TO BE REMOVED		RPF
DETECTOR LOOP, TYPE I		
PREFORMED DETECTOR LOOP	P	P
SAMPLING (SYSTEM) DETECTOR	S	S
INTERSECTION AND SAMPLING (SYSTEM) DETECTOR	IS	IS
QUEUE AND SAMPLING (SYSTEM) DETECTOR	QS	QS
WIRELESS DETECTOR SENSOR	W	W
WIRELESS ACCESS POINT		

ITEM	EXISTING	PROPOSED
SIGNAL HEAD -(P) PROGRAMMABLE SIGNAL HEAD	P	P
SIGNAL HEAD WITH BACKPLATE -(P) PROGRAMMABLE SIGNAL HEAD -(RB) RETROREFLECTIVE BACKPLATE	P RB	P RB
PEDESTRIAN SIGNAL HEAD AT RAILROAD INTERSECTIONS		
PEDESTRIAN SIGNAL HEAD WITH COUNTDOWN TIMER		
ILLUMINATED SIGN "NO LEFT TURN"/"NO RIGHT TURN"		
NUMBER OF CONDUCTORS, ELECTRIC CABLE NO. 14, UNLESS NOTED OTHERWISE. ALL DETECTOR LOOP CABLE TO BE SHIELDED	5	5
GROUND CABLE IN CONDUIT, NO. 6 SOLID COPPER (GREEN)	1*6	1*6
ELECTRIC CABLE IN CONDUIT, TRACER NO. 14 1/C	1	1
COAXIAL CABLE	C	C
VENDOR CABLE	V	V
COPPER INTERCONNECT CABLE, NO. 18, 3 PAIR TWISTED, SHIELDED	6*18	6*18
FIBER OPTIC CABLE -NO. 62.5/125, MM12F -NO. 62.5/125, MM12F SM12F -NO. 62.5/125, MM12F SM24F	12F 24F 36F	12F 24F 36F
GROUND ROD -(C) CONTROLLER -(M) MAST ARM -(P) POST -(S) SERVICE	C M P S	C M P S

TSS-3

FILE NAME =	USER NAME = leyso	DESIGNED - IP	REVISED -
ts05.dgn		DRAWN - IP	REVISED -
Default	PLOT SCALE = 50.0000 ' / in.	CHECKED - LP	REVISED -
	PLOT DATE = 9/29/2016	DATE - 9/29/2016	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 1 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	186
	TS-05	CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

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LOOP DETECTOR NOTES

1. EACH PAIR OF LOOP WIRES SHALL BE PLACED IN A SEPARATE EMPTY COILABLE NONMETALLIC CONDUIT FROM THE EDGE OF PAVEMENT TO THE HANDHOLE. SPACING BETWEEN THE HOLES DRILLED IN THE PAVEMENT SHALL NOT BE LESS THAN 6" (150 mm). EMPTY COILABLE NONMETALLIC CONDUIT SHALL BE INCLUDED IN THE COST OF THE LOOP WIRE.

2. THE NUMBER OF LOOP TURNS SHALL BE AS RECOMMENDED BY THE AMPLIFIER MANUFACTURER. ALL ADJACENT SIDES OF THE LOOPS SHALL BE INSTALLED IN SUCH A WAY THAT THE CURRENT FLOW IS IN THE SAME DIRECTION TO REINFORCE ITS MAGNETIC FIELDS FOR SMALL VEHICLE DETECTION.

3. EACH LOOP LEAD-IN SHALL BE IDENTIFIED AND PERMANENTLY TAGGED IN THE HANDHOLE. EACH LEAD-IN CABLE TAG SHALL INDICATE THE LOCATION OF THE LOOP, LOOP ROTATION (CLOCKWISE/COUNTERCLOCKWISE), LOOP LEAD-IN DIRECTION (IN OR OUT), LOOP CABLE NUMBER AND LOCATION IN CABINET, AND NUMBER OF TURNS IN THE DETECTOR LOOPS IN WATER PROOF INK AS INDICATED ON THE DISTRICT 1 STANDARD TRAFFIC SIGNAL DESIGN DETAIL. THE CONTRACTOR SHALL MARK LOOP LOCATIONS ON RECORD DRAWINGS AND PRESENT TO THE ENGINEER AFTER FINAL INSPECTION. LOOPS SHALL BE MARKED BY LANE AND LOOP NUMBER. SEE DETAIL BELOW.

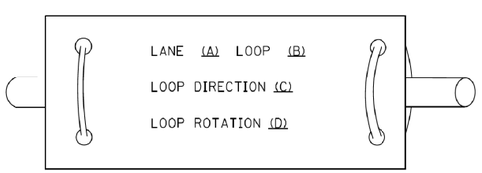
4. ALL LOOP CABLE SHALL BE FASTENED WITH PLASTIC TIE WRAP TO THE HANDHOLE HOOKS.

5. IN ASPHALT PAVEMENT, LOOPS SHOULD BE PLACED IN THE BINDER AND DIVEHOLES MARKED AT THE CURB WITH A SAW-CUT. THE SAW-CUT SHALL BE CUT IN ACCORDANCE WITH LOCAL AND E.P.A. DUST CONTROL REQUIREMENTS. DETECTOR LOOP(S) SHALL NOT BE INSTALLED IN WET CONDITIONS AND THE SAW-CUTS MUST BE FREE OF DEBRIS AND RESIDUE SUCH AS DUST AND WATER WHICH IS TO BE ACHIEVED BY THE USE OF COMPRESSED AIR, WIRE BRUSHING AND HEAT DRYING ACCORDING TO SEALANT MANUFACTURER REQUIREMENTS. THE DETECTOR WIRE SHALL BE HELD IN PLACE BY THE USE OF FORM WEDGES. WEDGES SHALL BE SPACED NO MORE THAN 18" (450 mm) APART.

6. LOOP SPLICES SHALL BE SOLDERED USING A SOLDERING IRON. BLOW TORCHES OR OTHER DEVICES WHICH OXIDIZE COPPER CABLE SHALL NOT BE ALLOWED FOR SOLDERING OPERATIONS. SEE DETAIL BELOW RIGHT.

7. PREFORMED DETECTOR LOOPS SHALL BE USED, AS SHOWN ON THE PLANS, WHERE NEW CONCRETE PAVEMENT IS PROPOSED. THE INSTALLATION OF PREFORMED LOOPS SHALL BE IN ACCORDANCE WITH THE DISTRICT 1 SPECIFICATIONS OR AS DIRECTED BY THE ENGINEER.

LOOP LEAD-IN CABLE TAG

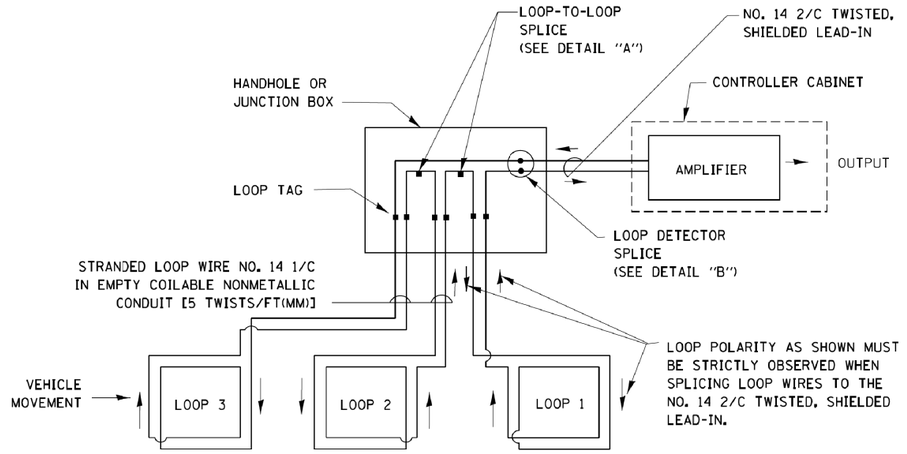


A. LANE 1 IS THE LANE CLOSEST TO THE CENTERLINE OF THE ROADWAY

B. LOOP #1 IS THE LOOP IN THE LANE CLOSEST TO THE INTERSECTION.

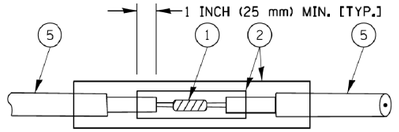
C. LABEL LOOP CABLE "IN" OR LOOP CABLE "OUT".

D. LABEL LOOP CABLE CLOCKWISE OR LOOP CABLE COUNTERCLOCKWISE.

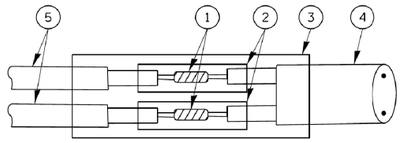


DETECTOR LOOP WIRING SCHEMATIC

- LOOPS SHALL BE SPLICED IN SERIES.
- SAW-CUTS SHALL BE A MINIMUM WIDTH OF 5/16" (8 mm).
- SAW-CUT DEPTHS SHALL BE 3" (75 mm). IF IN CONCRETE, THE SAW-CUT DEPTH SHALL BE TO THE TOP OF THE REINFORCEMENT.
- LOOP CORNERS SHALL BE DRILLED WITH A 2" (50 mm) DIAMETER CORE.

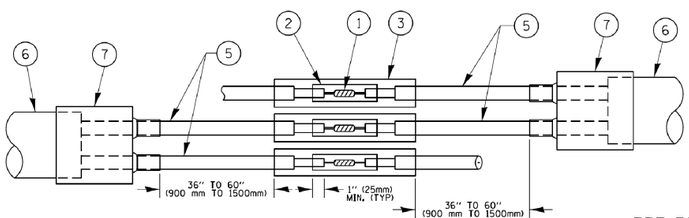


DETAIL "A"
LOOP-TO-LOOP SPLICE



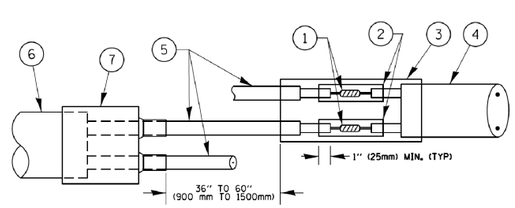
DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

TYPE I LOOP



DETAIL "A"
LOOP-TO-LOOP SPLICE

PRE-FORMED LOOP



DETAIL "B"
LOOP-TO-CONTROLLER SPLICE

LOOP DETECTOR SPLICE

(1) WESTERN UNION SPLICE SOLDERED WITH ROSIN CORE FLUX. ALL EXPOSED SURFACES OF THE SOLDER SHALL BE SMOOTH. THE WESTERN UNION SPLICES SHALL BE STAGGERED.

(2) WCSMW 30/100 HEAT SHRINK TUBE, MINIMUM LENGTH 3" (75 mm), UNDERWATER GRADE.

(3) WCS 200/750 HEAT SHRINK TUBE, MINIMUM LENGHT 6" (150 mm), UNDERWATER GRADE.

(4) NO. 14 2/C TWISTED, SHIELDED CABLE.

(5) LOOP CONDUCTOR WITH FLEXIBLE PLASTIC TUBE.

(6) PRE-FORMED LOOP

(7) XL POLYOLEFIN 2 CONDUCTOR BREAKOUT SEALS. TYCO CBR-2 OR APPROVED EQUAL

TSS-4

FILE NAME = c:\pw_work\pwidot\footemj\d0108315\ts05.dgn	USER NAME = footemj	DESIGNED - DAD	REVISED - DAG 1-1-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DISTRICT ONE STANDARD TRAFFIC SIGNAL DESIGN DETAILS			F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	PLOT DATE = 1/13/2014	DATE - 10-28-09	REVISED -		SCALE: NONE	SHEET NO. 2 OF 7 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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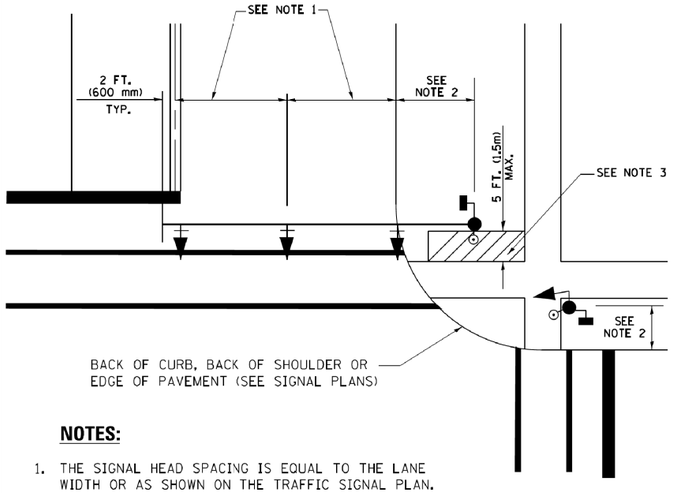
TRAFFIC SIGNAL MAST ARM AND SIGNAL POST

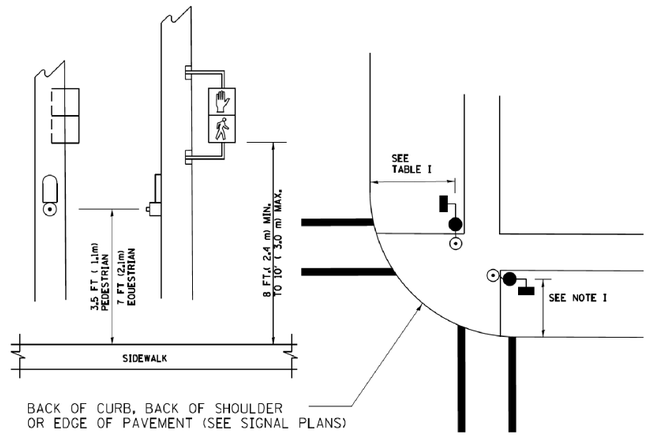
MAST ARM MOUNTED SIGNALS IN EXISTING, PROPOSED OR FUTURE SIDEWALK/BICYCLE PATH AREA. INTERSECTION SHOWN WITH PEDESTRIAN SIGNALS AND PEDESTRIAN PUSHBUTTON DETECTORS.



NOTES:

1. THE SIGNAL HEAD SPACING IS EQUAL TO THE LANE WIDTH OR AS SHOWN ON THE TRAFFIC SIGNAL PLAN.
2. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
3. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE MAST ARM SHAFT OR THE SIGNAL POST.
4. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
5. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

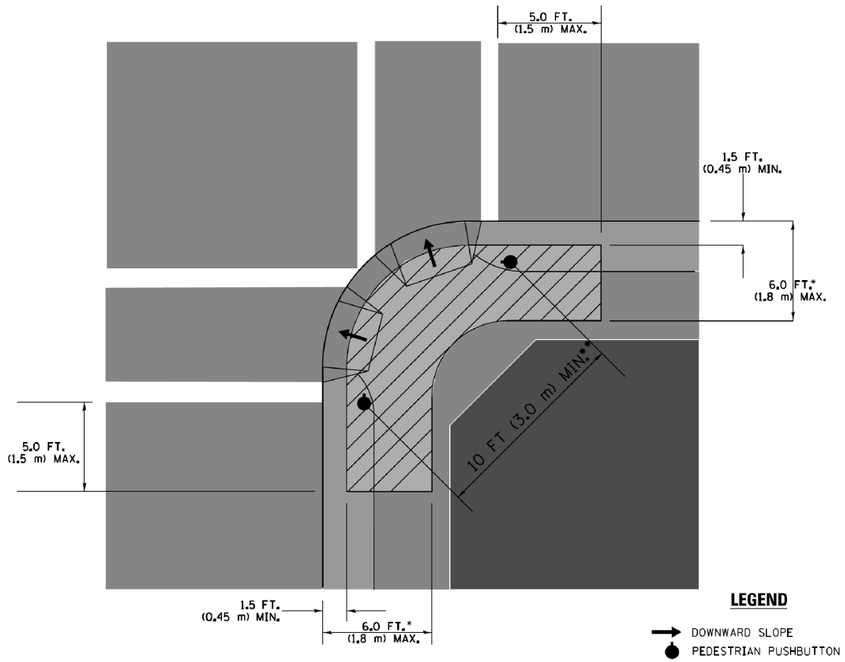
PEDESTRIAN SIGNAL POST AND PEDESTRIAN PUSH BUTTON POST



NOTES:

1. REFER TO THE TRAFFIC SIGNAL EQUIPMENT OFFSET TABLE.
2. PROVIDE A LEVEL ALL-WEATHER SURFACE (CONCRETE SIDEWALK, ASPHALT BICYCLE PATH SURFACE OR MATCHING MATERIAL TO THE ADJACENT SURFACE) UP TO THE PEDESTRIAN SIGNAL POST OR THE PEDESTRIAN PUSH BUTTON POST.
3. THE FACE OF THE PEDESTRIAN PUSHBUTTON SHALL BE PARALLEL TO THE CROSSWALK TO BE USED.
4. THE LOCATIONS AND INSTALLATION OF PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS SHALL MEET THE REQUIREMENTS OF THE MUTCD AND INFORMATION FOUND IN THE "AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES."

RECOMMENDED PUSHBUTTON LOCATIONS



* WHERE THERE ARE CONSTRAINTS THAT MAKE IT IMPRACTICAL TO PLACE THE PEDESTRIAN PUSHBUTTON BETWEEN 1.5 FT (0.45 m) AND 6 FT (1.8 m) FROM THE EDGE OF THE CURB, SHOULDER, OR PAVEMENT, IT SHOULD NOT BE FURTHER THAN 10 FT (3 m) FROM THE EDGE OF CURB, SHOULDER, OR PAVEMENT.

** WHERE THERE ARE CONSTRAINTS ON A PARTICULAR CORNER THAT MAKE IT IMPRACTICAL TO PROVIDE THE 10 FT (3 m) SEPERATION BETWEEN THE TWO PEDESTRIAN PUSHBUTTONS, THE PUSHBUTTONS MAY BE PLACED CLOSER TOGETHER OR ON THE SAME POLE.

NOTES:

1. PEDESTRIAN SIGNAL HEADS SHALL BE MOUNTED WITH THE BOTTOM OF THE SIGNAL HOUSING INCLUDING BRACKETS NOT LESS THAN 8 FT (2.4 m) OR MORE THAN 10 FT (3 m) ABOVE SIDEWALK LEVEL, AND SHALL BE POSITIONED AND ADJUSTED TO PROVIDE MAXIMUM VISIBILITY AT THE BEGINNING OF THE CONTROLLED CROSSWALK.
2. THE BOTTOM OF THE SIGNAL HOUSING (INCLUDING BRACKETS) OF A VEHICULAR SIGNAL FACE THAT IS NOT LOCATED OVER A HIGHWAY SHALL BE AT LEAST 8 FT (2.4 m) BUT NOT MORE THAN 19 FT (5.8 m) ABOVE THE SIDEWALK OR, IF THERE IS NO SIDEWALK, ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.
3. THE BOTTOM OF THE SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARDS 877001, 877002, 877006, 877011 AND 877012 WITH A MINIMUM OF 16 FT (5.0 m) AND A MAXIMUM OF 18 FT. (5.5 m) FROM THE HIGHEST POINT OF PAVEMENT.
4. THE BOTTOM OF THE TEMPORARY SPAN WIRE MOUNTED SIGNAL HOUSING AND ANY RELATED ATTACHMENTS TO A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL BE ACCORDING TO CURRENT STATE STANDARD 880001 WITH A MINIMUM OF 17 FT (5.18 m) FROM THE HIGHEST POINT OF PAVEMENT.
5. THE TOP OF THE SIGNAL HOUSING OF A SIGNAL FACE LOCATED OVER ANY PORTION OF A HIGHWAY SHALL NOT BE MORE THAN 25.6 FT (7.8 m) ABOVE THE PAVEMENT.

TRAFFIC SIGNAL EQUIPMENT OFFSET

TRAFFIC SIGNAL EQUIPMENT	COMBINATION CONCRETE CURB AND GUTTER (MINIMUM DISTANCE FROM BACK OF CURB TO CENTERLINE OF FOUNDATION)	SHOULDER/NON-CURBED AREA (MINIMUM DISTANCE FROM EDGE OF PAVEMENT TO CENTERLINE OF FOUNDATION)
TRAFFIC SIGNAL MAST ARM POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TRAFFIC SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN SIGNAL POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
PEDESTRIAN PUSHBUTTON POST	4 FT (1.2m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
TEMPORARY WOOD POLE	6 FT (1.8m)	SHOULDER WIDTH + 2 FT (0.6m), MINIMUM 10 FT (3.0m)
CONTROLLER CABINET	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.
SERVICE INSTALLATION, GROUND MOUNT	6 FT (1.8m) MINIMUM DISTANCE SEE NOTE 2	SHOULDER WIDTH + 6 FT (1.8m), MINIMUM 16 FT (4.9m) SEE NOTE 3.

NOTES:

1. CONTACT THE "AREA TRAFFIC SIGNAL MAINTENANCE AND OPERATIONS ENGINEER" FOR ASSISTANCE IN LOCATING THE TRAFFIC SIGNAL EQUIPMENT WHEN THERE ARE CONFLICTS WITH DITCHES OR THE MINIMUM OFFSET DISTANCES CANNOT BE MET.
2. MINIMUM DISTANCE FROM THE BACK OF CURB TO THE ROADWAY SIDE OF THE FOUNDATION.
3. MINIMUM DISTANCE FROM THE EDGE OF PAVEMENT TOTHE ROADWAY SIDE OF THE FOUNDATION.
4. ANY CHANGES TO THE OFFSETS OF THE FOUNDATIONS, FROM THE MINIMUM DISTANCES LISTED IN THE "TRAFFIC SIGNAL EQUIPMENT OFFSET" CHART AND THE TRAFFIC SIGNAL INSTALLATION PLAN, COULD EFFECT THE PLACEMENT OF THE SIGNAL HEADS, PEDESTRIAN SIGNAL HEADS AND THE PEDESTRIAN PUSHBUTTONS. THE SIGNAL HEAD PLACEMENT ON THE MAST ARMS SHALL REMAIN AS PER THE TRAFFIC SIGNAL INSTALLATION PLAN AND THE "TRAFFIC SIGNAL MAST ARM AND SIGNAL POST" DETAIL ABOVE. THE PROPOSED MAST ARM LENGTHS MAY NEED TO BE REVISED TO MEET THE ABOVE REQUIREMENTS. THE PEDESTRIAN SIGNAL HEADS AND PEDESTRIAN PUSHBUTTONS MUST MEET THE REQUIREMENTS UNDER THE DETAILS ON THIS SHEET.

TSS-5

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 3 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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	TS-05	CONTRACT NO. 61G12		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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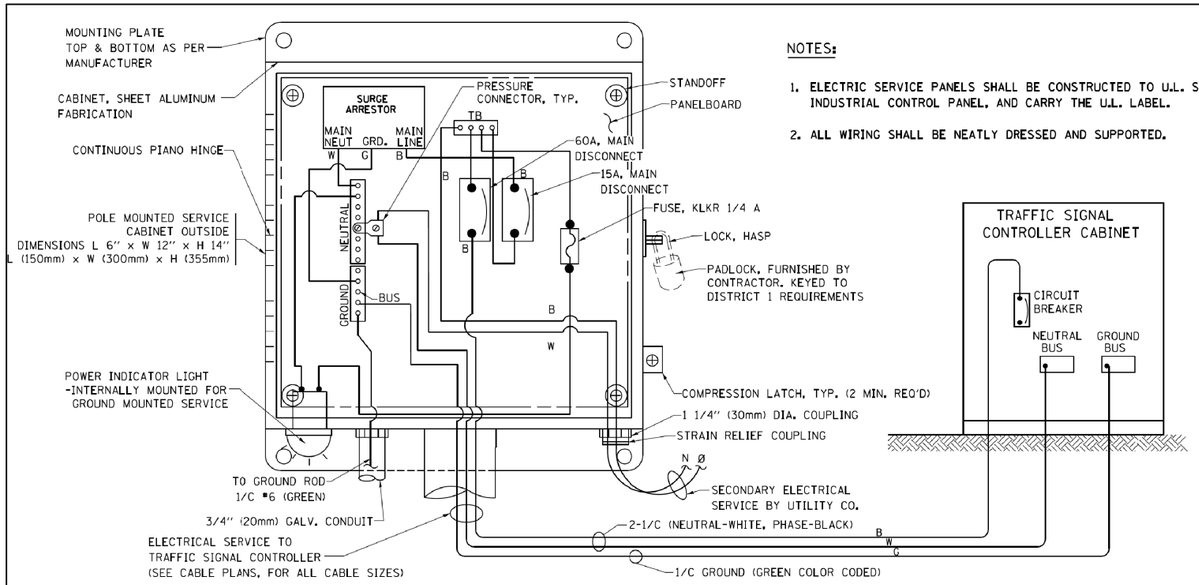
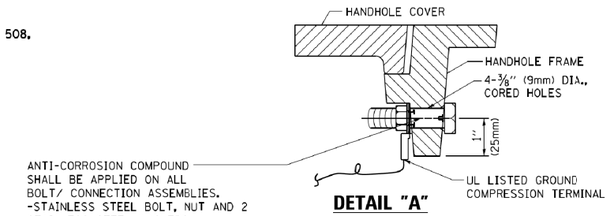


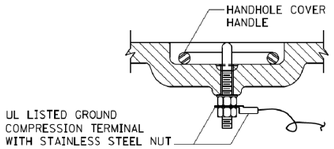
NOTES:

1. ELECTRIC SERVICE PANELS SHALL BE CONSTRUCTED TO U.L. STD 508, INDUSTRIAL CONTROL PANEL, AND CARRY THE U.L. LABEL.
2. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

ELECTRICAL SERVICE – PANEL DIAGRAM (TYPICAL FOR POLE AND GROUND MOUNTED SERVICE)
SERVICE INSTALLATION POLE MOUNT (SHOWN)
(NOT TO SCALE)



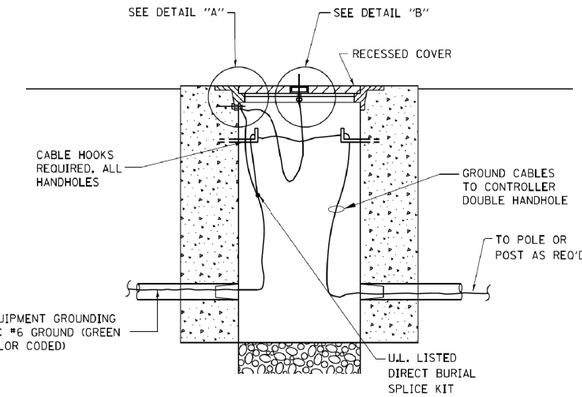
DETAIL "A"



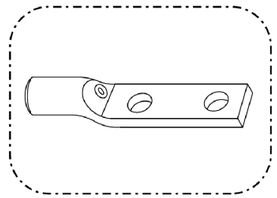
DETAIL "B"

NOTES:
GROUNDING SYSTEM

1. THE GROUNDING SYSTEM SHALL CONSIST OF AN INSULATED CONDUCTOR TYPE XLP, NO. 6 A.W.G., STRANDED COPPER TO BE INSTALLED IN RACEWAYS. THE GROUNDING CABLE SHALL BE INSTALLED IN A CONTINUOUS MANNER AS SHOWN ON THE CABLE PLAN PROVIDED. ALL GROUNDING CONDUCTORS SHALL BE BONDED TO METAL ENCLOSURE (HANDHOLE, POST, MAST ARM, CONTROLLER, ETC.), GROUND ROD SHALL BE 3/4" DIA. x 10'-0" (20mm x 3.0m) LONG, COPPER CLAD. ONE GROUND ROD SHALL BE INSTALLED AT ALL POST FOUNDATIONS, POLE FOUNDATIONS, CONTROLLER CABINET FOUNDATION AND ELECTRICAL SERVICE INSTALLATION AS INDICATED ON THE CABLE PLAN. IF THERE ARE ANY SPECIAL CONDITIONS SUCH AS SUB-SURFACE CONDITIONS OR INSTALLATION PROBLEMS, THE RESIDENT ENGINEER SHALL BE NOTIFIED OR CONTACT THE BUREAU OF TRAFFIC, ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT ONE AT (847) 705-4139.
2. THE NEUTRAL CONDUCTOR AND THE GROUND CONDUCTOR SHALL BE CONNECTED IN THE SERVICE INSTALLATION. AT NO OTHER POINT IN THE TRAFFIC SIGNAL SYSTEM SHALL THE NEUTRAL AND GROUND CONDUCTORS BE CONNECTED.
3. ALL EQUIPMENT GROUNDING CONDUCTORS SHALL TERMINATE AT THE GROUND BUS IN THE CONTROLLER CABINET.
4. THE CONTRACTOR SHALL PROVIDE A GROUND CABLE WITH CONNECTORS BETWEEN THE HANDHOLE COVER AND HANDHOLE FRAME.



HANDHOLE COVER & FRAME – GROUNDING DETAIL
(NOT TO SCALE)

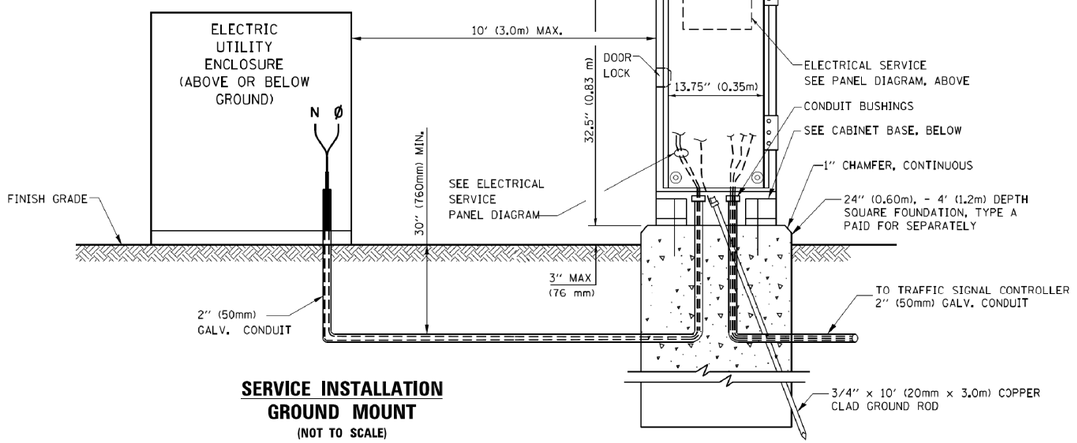


HEAVY-DUTY COMPRESSION TERMINAL (BURNDY TYPE YGHA OR APPROVED EQUAL)

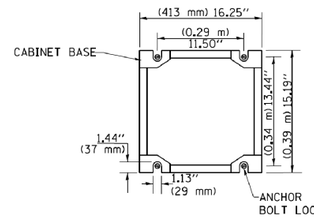
¾" (20mm) HEAVY-DUTY GROUND ROD CLAMP (BURNDY TYPE GRC OR APPROVED EQUAL)

NOTES:

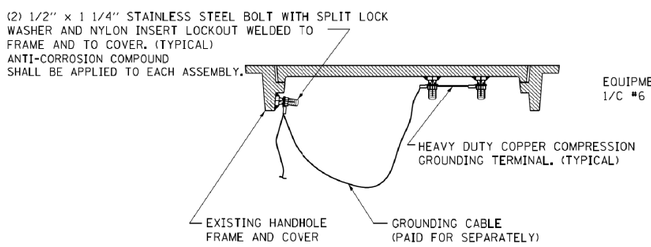
- ALL CLAMPS SHALL BE BRONZE OR COPPER, UL APPROVED.
- GROUND CABLE SHALL BE LOOPED OVER HOOKS IN THE HANDHOLES 6.5' (2.0m) SLACK SHALL BE PROVIDED IN SINGLE HANDHOLES 13' (4.0m) OF SLACK SHALL BE PROVIDED IN DOUBLE HANDHOLES. 5' (1.4m) OF SLACK SHALL BE PROVIDED BETWEEN FRAME AND COVER.



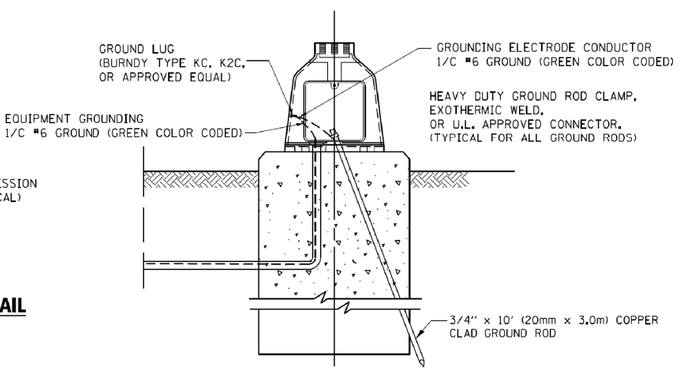
SERVICE INSTALLATION GROUND MOUNT
(NOT TO SCALE)



CABINET – BASE BOLT PATTERN
(NOT TO SCALE)



EXISTING HANDHOLE COVER & FRAME – GROUNDING DETAIL
(NOT TO SCALE)



MAST ARM POLE / POST–GROUNDING DETAIL
(NOT TO SCALE)

TSS–6

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		DATE - 10-28-09	REVISED -		SCALE: NONE SHEET NO. 4 OF 7 SHEETS STA. TO STA.	FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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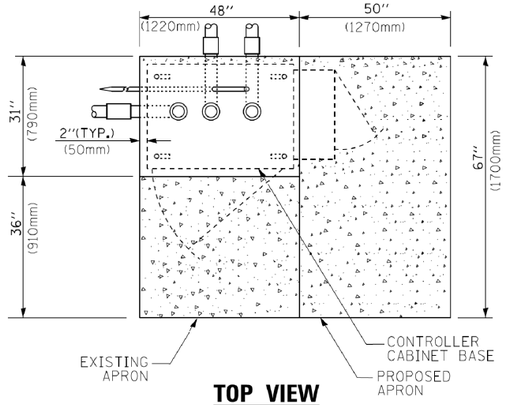
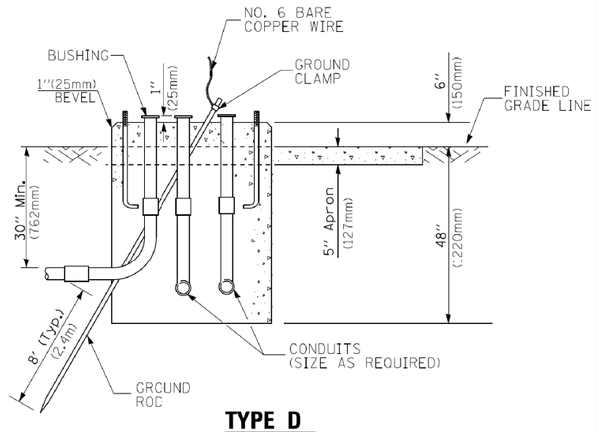
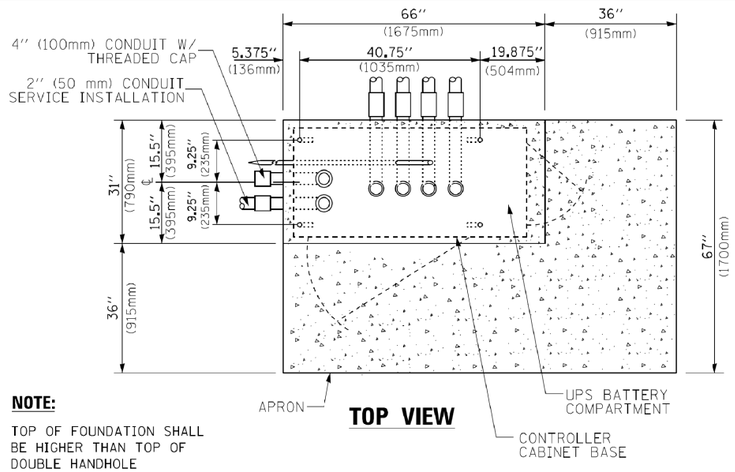


TOP VIEW



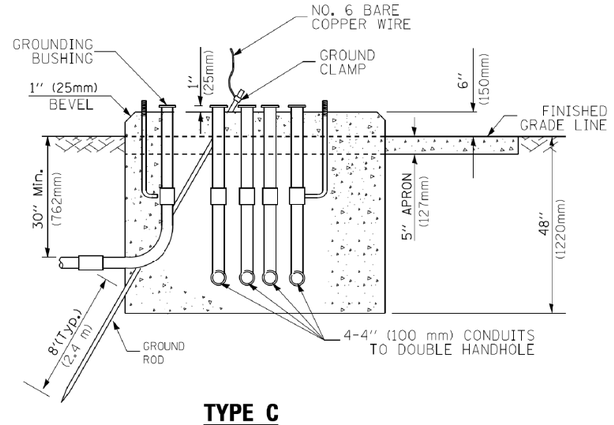
TYPE D
FOR GROUND MOUNTED
CONTROLLER CABINET
AND UPS BATTERY CABINET



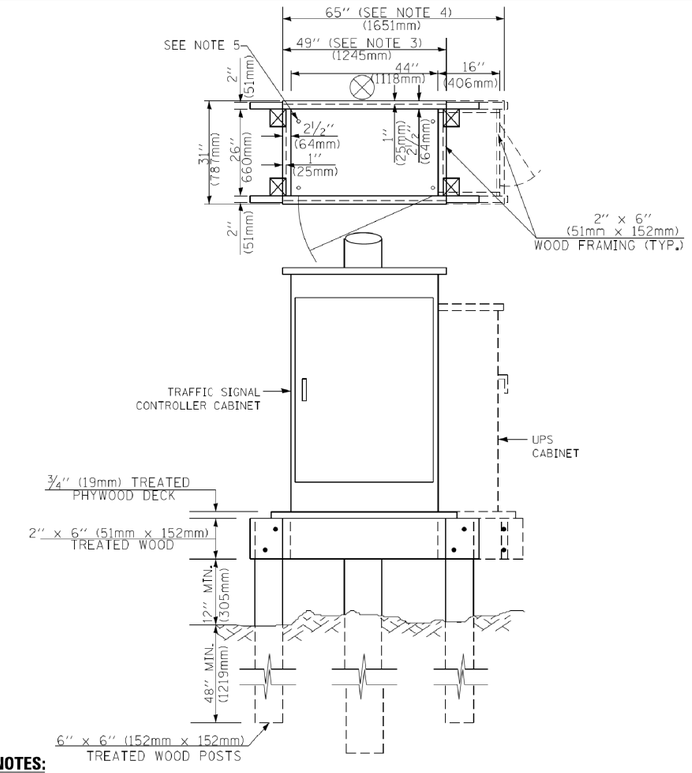
NOTE:

TOP OF FOUNDATION SHALL BE HIGHER THAN TOP OF DOUBLE HANDHOLE

TOP VIEW



TYPE C
FOR GROUND MOUNTED
SUPER P (TYPE IV) AND SUPER R (TYPE V)
CONTROLLER CABINETS



NOTES:

1. BASED ON CONTROLLER CABINET TYPE IV WITH BASE DIMENSIONS OF 26" x 44" (660mm x 1118mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED
2. BASED ON UNINTERRUPTIBLE POWER SUPPLY CABINET WITH BASE DIMENSIONS OF 16" x 25" (406mm x 635mm). ADJUST PLATFORM SIZE TO FIT CABINET BASE DIMENSIONS BEING SUPPLIED.
3. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV.
4. PLATFORM SIZE FOR CONTROLLER CABINET TYPE IV AND UNINTERRUPTIBLE POWER SUPPLY CABINET.
5. DRILLED HOLES THROUGH THE PLATFORM BASE TO MATCH THE CONTROLLER CABINET BOLT TEMPLATE. FASTEN THE CONTROLLER CABINET TO THE PLATFORM WITH CARRIAGE BOLTS, WASHERS AND NUTS.
6. FASTEN ALL SUPPORT WOOD FRAMING TO THE WOOD POSTS WITH 2 LAG SCREWS FOR EACH CONNECTION..

TEMPORARY SIGNAL CONTROLLER
WOOD SUPPORT PLATFORM

CABLE SLACK LENGTH	FEET	METER
HANDHOLE	6.5	2.0
DOUBLE HANDHOLE	13.0	4.0
SIGNAL POST	2.0	0.6
MAST ARM	2.0	0.6
CONTROLLER CABINET	1.5	0.5
FIBER OPTIC AT CABINET	13.0	4.0
ELECTRIC SERVICE AT (CABINET OR SERVICE LOCATION)	1.5	0.5
GROUND CABLE (SIGNAL POST, MAST ARM, CABINET)	1.5	0.5
GROUND CABLE (BETWEEN FRAME AND COVER)	5.0	1.6

CABLE SLACK

VERTICAL CABLE LENGTH	FEET	METER
MAST ARM POLE (MAST ARM MOUNTED SIGNAL HEAD) (L = MAST ARM LENGTH - DISTANCE TO SIGNAL HEAD FROM END OF ARM)	20.0+L	6.0+L
BRACKET MOUNTED (MAST ARM POLE OR SIGNAL POLE)	13.0	4.0
PEDESTRIAN PUSH BUTTON	6.0	2.0
SERVICE INSTALLATION POLE MOUNT TO SERVICE DROP	13.5	4.1
SERVICE INSTALLATION POLE MOUNT TO GROUND	13.5	4.1
SERVICE INSTALLATION GROUND MOUNT	6.0	2.0
FOUNDATION (SIGNAL POST, MAST ARM POLE, CONTROLLER CABINET, SERVICE-GROUND MOUNT)	3.0	1.0

VERTICAL CABLE LENGTH

FOUNDATION	DEPTH
TYPE A - Signal Post	4'-0" (1.2m)
TYPE C - CONTROLLER W/ UPS	4'-0" (1.2m)
TYPE D - CONTROLLER	4'-0" (1.2m)
SERVICE INSTALLATION, GROUND MOUNT, TYPE A - SQUARE	4'-0" (1.2m)

DEPTH OF FOUNDATION

Mast Arm Length	① Foundation Depth	Foundation Diameter	Spiral Diameter	Quantity of Rebars	Size of Rebars
Less than 30' (9.1 m)	10'-0" (3.0 m)	30" (750mm)	24" (600mm)	8	6(19)
Greater than or equal to 30' (9.1 m) and less than 40' (12.2 m)	13'-6" (4.1 m)	30" (750mm)	24" (600mm)	8	6(19)
	11'-0" (3.4 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 40' (12.2 m) and less than 50' (15.2 m)	13'-0" (4.0 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 50' (15.2 m) and up to 55' (16.8 m)	15'-0" (4.6 m)	36" (900mm)	30" (750mm)	12	7(22)
Greater than or equal to 56' (16.8 m) and less than 65' (19.8 m)	21'-0" (6.4 m)	42" (1060mm)	36" (900mm)	16	8(25)
Greater than or equal to 65' (19.8 m) and up to 75' (22.9 m)	25'-0" (7.6 m)	42" (1060mm)	36" (900mm)	16	8(25)

NOTES:

1. These foundation depths are for sites which have cohesive soils (clayey silt, sandy clay, etc.) along the length of the shaft, with an average Unconfined Compressive Strength (Qu) > 1.0 tsf (100 kpa). This strength shall be verified by boring data prior to construction or with testing by the Engineer during foundation drilling. The Bureau of Bridges & Structures should be contacted for a revised design if other conditions are encountered.
2. Combination mast arm assemblies under 55 feet (16.8 m) shall use 36" (900 mm) diameter foundations.
3. Combination mast arm assemblies under 56 feet (16.8 m) through 75 feet (22.9 m) shall use 42" (1060 mm) diameter foundations
4. For mast arm assemblies with dual arms refer to state standard 878001..

DEPTH OF MAST ARM FOUNDATIONS, TYPE E

TSS-7

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 5 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	190
	TS-05	CONTRACT NO. 61G12		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

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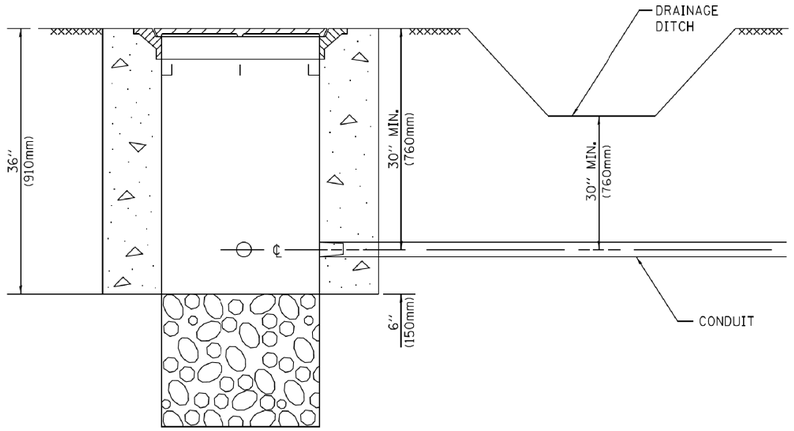
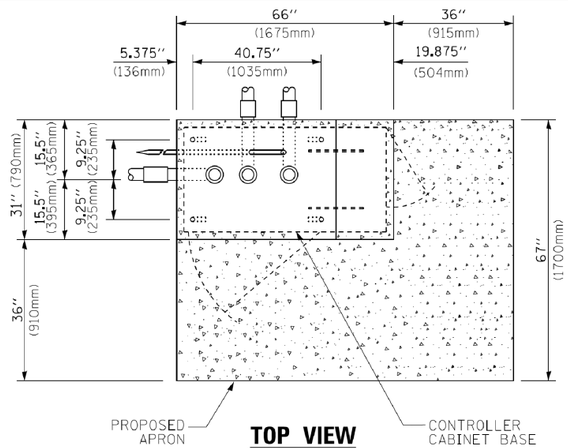


NOTES:

1. CONDUIT DEPTH SHALL BE A MINIMUM OF 30" (760mm) BELOW THE BOTTOM OF THE DRAINAGE DITCH OR ANY SLOPING GROUND
2. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL CONDUIT PLACED UNDER ROADWAY PAVEMENT, MULTI-USE PATHS, SIDEWALKS AND SOIL SURFACES.
3. THE MINIMUM CONDUIT DEPTH APPLIES TO ALL HANDHOLES, HEAVY DUTY HANDHOLES AND DOUBLE HANDHOLES.

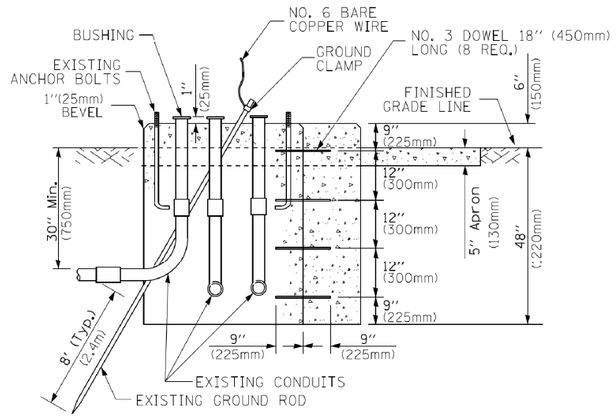
HANDHOLE WITH MINIMUM CONDUIT DEPTH

(NOT TO SCALE)



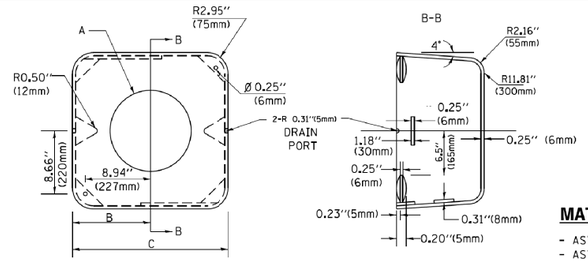
TOP VIEW

(NOT TO SCALE)



MODIFY EXISTING TYPE "D" FOUNDATION TO TYPE "C" FOUNDATION

(NOT TO SCALE)



MATERIAL:

- ASTM A36 STEEL
- ASTM A-123 HOT DIPPED GALVANIZED

A	B	C	HEIGHT	WEIGHT
VARIES	9.5"(241mm)	19"(483mm)	7" (178mm) - 12" (300mm)	53 lbs (24kg)
VARIES	10.75"(273mm)	21.5"(546mm)	7" (178mm) - 12" (300mm)	68 lbs (31 kg)
VARIES	13.0"(330mm)	26"(660mm)	7" (178mm) - 12" (300mm)	81 lbs (37 kg)
VARIES	18.5"(470mm)	37"(940mm)	7" (178mm) - 12" (300mm)	126 lbs (57 kg)

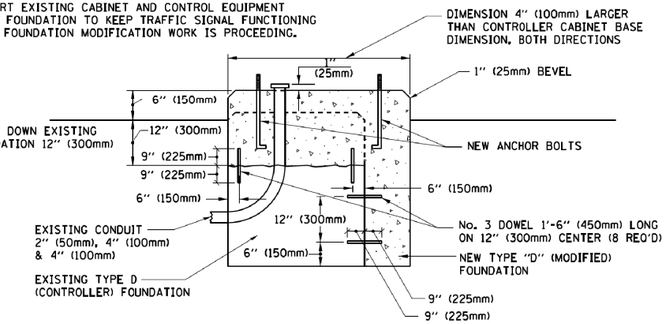
SHROUD

NOTES:

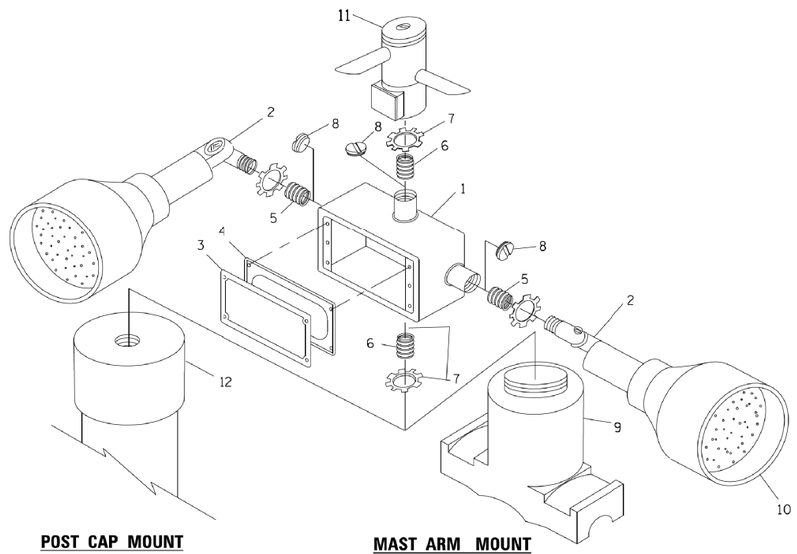
1. DIMENSION "A" IS EQUAL TO THE DIAMETER OF THE MAST ARM POLE AT THE TOP OF THE SHROUD. THE SHROUD SHALL BE TIGHT TO THE MAST ARM POLE.
2. THE SUPPLIER SHALL VERIFIED THE ABOVE DIMENSIONS BASED ON MAST ARM REQUIREMENTS.
3. THE HEIGHT OF THE SHROUD SHALL COVER THE ANCHOR BOLTS, NUTS AND MAST ARM POLE BASE.

NOTE:

SUPPORT EXISTING CABINET AND CONTROL EQUIPMENT ABOVE FOUNDATION TO KEEP TRAFFIC SIGNAL FUNCTIONING WHILE FOUNDATION MODIFICATION WORK IS PROCEEDING.



MODIFY EXISTING TYPE "D" FOUNDATION



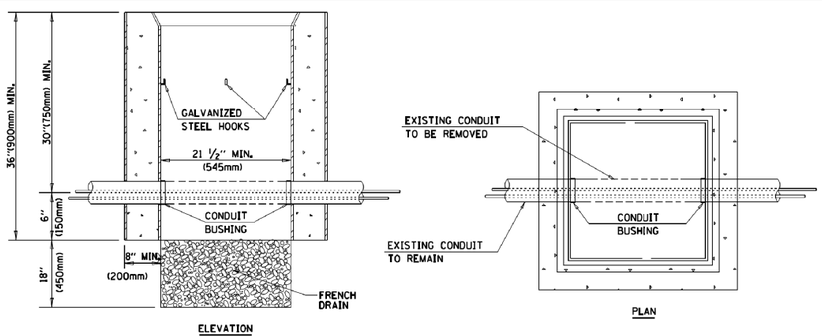
POST CAP MOUNT **MAST ARM MOUNT**

ITEM NO.	IDENTIFICATION
1	OUTLET BOX- GALV. 21 CU.IN. (0.000344 CU-M)
2	LAMP HOLDER AND COVER
3	OUTLET BOX COVER
4	RUBBER COVER GASKET
5	REDUCING BUSHING
6	¾"(19 mm) CLOSE NIPPLE
7	¾"(19 mm) LOCKNUT
8	¾"(19 mm) HOLE PLUG
9	SADDLE BRACKET - GALV.
10	6 WATT PAR 38 LED FLOOD LAMP
11	DETECTOR UNIT
12	POST CAP [18 FT. (5.4 m) POST MIN.]

NOTES:

1. ALL ELECTRICAL ITEMS, EXCEPT ITEMS #2 AND #11 SHALL BE ALUMINUM OR GALVANIZED
2. ITEM #1- OZ/GEDNEY FSX-1-50 OR EQUIVALENT
   ITEM #2- MULBERRY CON-O-SHADE LAMP SHIELD OR EQUIVALENT
   ITEM #9- "BAND-IT" SADDLE BRACKET OR EQUIVALENT
3. WHEN POST MOUNTING IS SPECIFIED, ITEM #9 SHALL NOT BE REQUIRED. THE DETECTION UNIT SHALL BE MOUNTED DIRECTLY ON TOP OF THE CAP BY DRILLING AND TAPPING A 3/4 "(19 mm) HOLE WITH PIPE THREADS. THE POST CAP SHALL EITHER BE SCREWED TO THE TOP OF THE POST OR A MINIMUM OF 3 TIGHTENING SCREWS SHALL BE REQUIRED ON EACH CAP.

EMERGENCY VEHICLE DETECTOR WITH CONFIRMATION BEACON MOUNTING DETAIL



NOTES:

1. HANDHOLE CONSTRUCTED PER STATE STANDARD 814001.
2. REMOVAL OF THE EXISTING CONDUIT FROM THE HANDHOLE AND THE INSTALLATION OF THE CONDUIT BUSHINGS SHALL BE INCLUDED WITH THE COST OF THE HANDHOLE.

HANDHOLE TO INTERCEPT EXISTING CONDUIT

TSS-8

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET NO. 6 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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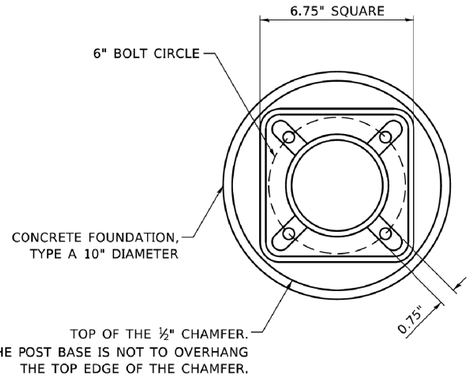
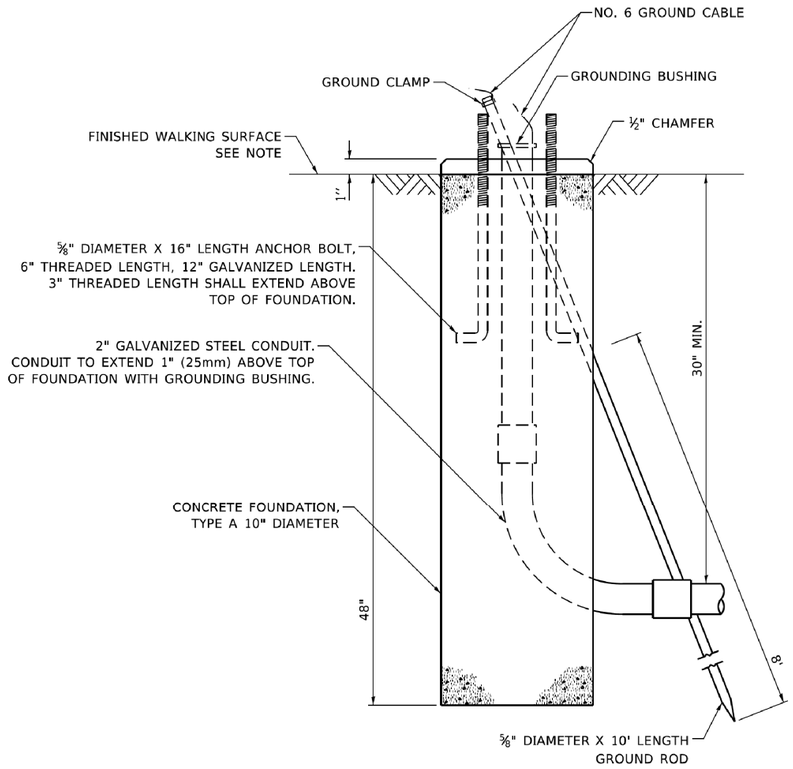
	TS-05	CONTRACT NO. 61G12		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



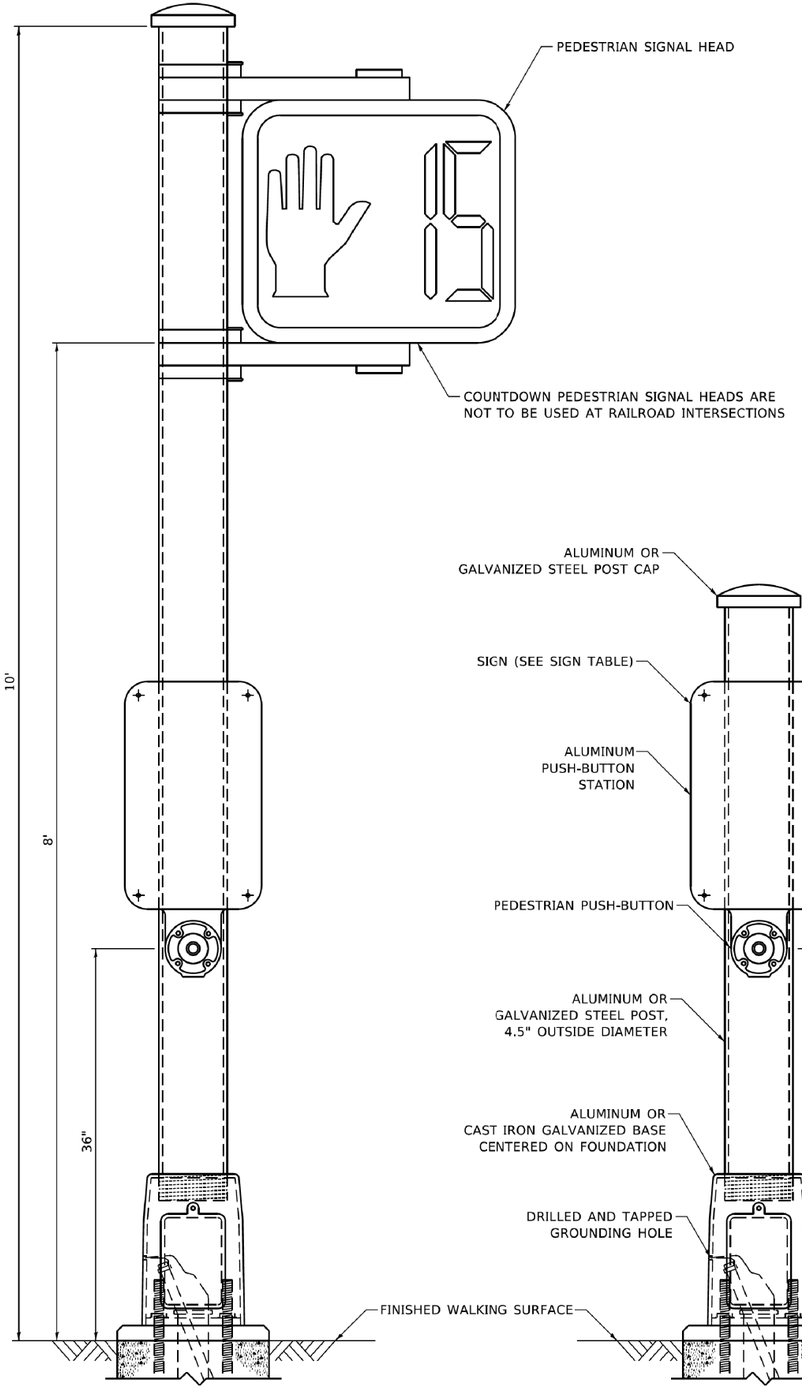
BOLT PATTERN

NOTE:

1. IF THE PEDESTRIAN SIGNAL POST FOUNDATION IS INSTALLED WITHIN OR BEHIND A BARRIER CURB, THE TOP OF THE FOUNDATION SHALL BE INSTALLED FLUSH WITH THE TOP OF THE BARRIER CURB.



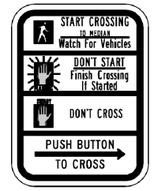
CONCRETE FOUNDATION, TYPE A 10–INCH DIAMETER



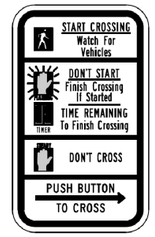
PEDESTRIAN SIGNAL POST, 10 FT.

PEDESTRIAN SIGNAL POST, 5 FT.

R10-3b



R10-3d



R10-3e

SIGN TABLE

SIGN	DIMENSIONS
R10-3b (RAILROAD ONLY)	9" X 12"
R10-3d (RAILROAD ONLY)	9" X 12"
R10-3e	9" X 15"

NOTES:

1. THE SIGN PANELS SHALL BE TYPE AP SHEETING.
2. THE ARROW ON SIGNS FOR PUSH-BUTTONS SERVING TWO DIRECTIONS ON THE SAME PHASE SHALL BE BI-DIRECTIONAL.
3. THE SIGN FOR DUAL-CALL PUSH-BUTTONS SHALL HAVE NO ARROW.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

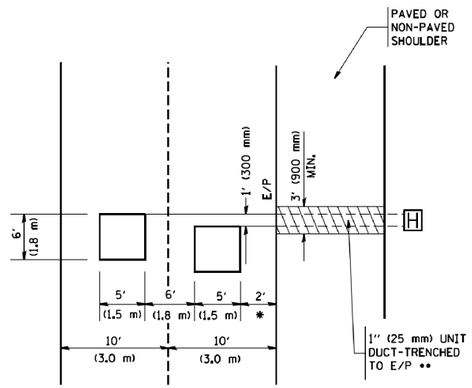
DISTRICT ONE
STANDARD TRAFFIC SIGNAL DESIGN DETAILS

SCALE: NONE | SHEET 7 OF 7 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	192
	TS–05	CONTRACT NO. 61G12		
		ILLINOIS FED. AID PROJECT		

LOOPS NEXT TO SHOULDERS

PROVIDE A PAVEMENT REPLACEMENT NOTE WHICH SHOULD EQUAL 3' (900 mm) X WIDTH OF PAVED SHOULDER.



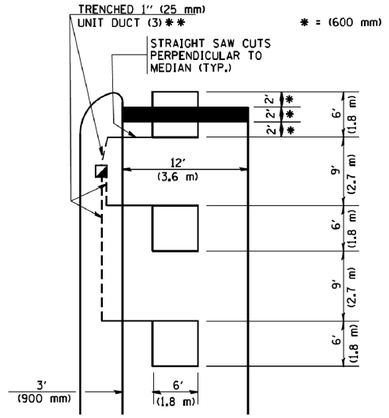
* = (600 mm)

** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

LEFT TURN LANES WITH MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH

(PROTECTED / PERMITTED LEFT TURN PHASING)

HANDHOLE LOCATION MAY VARY DEPENDING ON GEOMETRICS AND DESIGN OF TRAFFIC SIGNALS. HEAVY-DUTY HANDHOLES TO BE USED WHEN THE MEDIAN IS MOUNTABLE. REFER TO STANDARD 814001 TO ENSURE THAT HANDHOLE FITS IN MEDIAN.



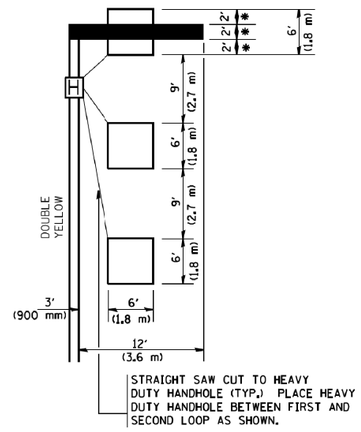
** UNIT DUCT IS TO BE SHOWN ON PLAN SHEETS BUT SHALL NOT BE INCLUDED IN THE PAY ITEMS.

NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

LEFT TURN LANES WITHOUT MEDIANS
VOLUME DENSITY ("FAR OUT" DETECTION)
ON SAME APPROACH

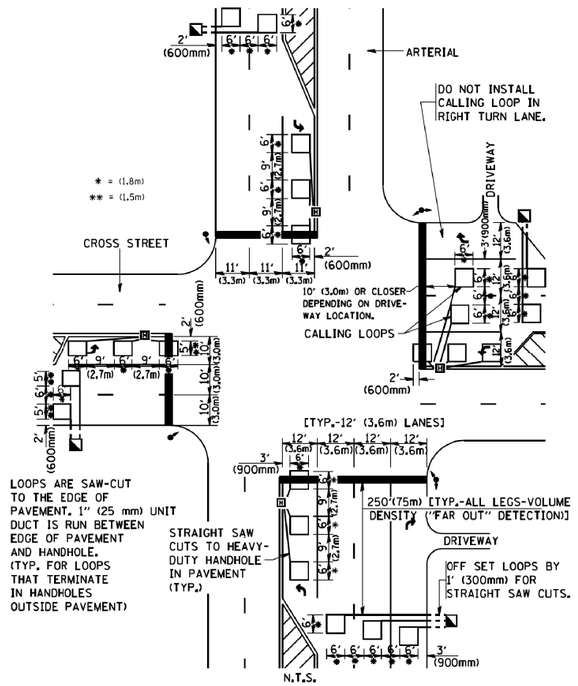
(PROTECTED / PERMITTED LEFT TURN PHASING)

* = (600 mm)



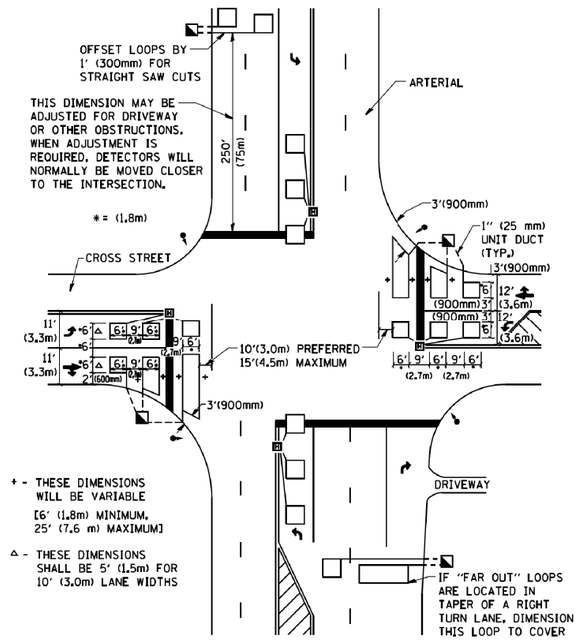
NOTE: DUAL LEFT TURNS NOT SHOWN REFER TO PLAN SHEET FOR DETECTOR LOOP REPLACEMENT

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-VOLUME DENSITY ("FAR OUT" DETECTION)



DETAIL 1
N.T.S.

ARTERIAL-VOLUME DENSITY ("FAR OUT" DETECTION)
CROSS STREET-NON VOLUME DENSITY ("UPTIGHT" PRESENCE DETECTION)



DETAIL 2
N.T.S.

NOTES:

VEHICLES LOOP DETECTORS

* ALL LEAD IN CABLE SHALL BE TWO CONDUCTOR NO. 14 TWISTED, SHIELDED.
* EACH DETECTOR LOOP SHALL HAVE ITS OWN SAW CUT FROM THE LOOP TO THE EDGE OF PAVEMENT OR TO A HANDHOLE IN THE PAVEMENT.
* EACH DETECTOR LOOP SHALL HAVE ITS OWN ONE INCH (25 mm) UNIT DUCT BETWEEN THE EDGE OF PAVEMENT AND THE FIRST HANDHOLE OR JUNCTION BOX. EACH UNIT DUCT RUN SHALL BE SHOWN ON THE PLANS BY THE DESIGNER, BUT SHALL NOT BE PAID FOR SEPARATLY. THIS ITEM IS INCIDENTAL TO THE PAY ITEM FOR DETECTOR LOOPS.
* ONE DIMENSION OF ALL DETECTOR LOOPS SHALL BE SIX FEET (1.8 m)
* EACH LANE OF NON-LOCKING, PRESENCE DETECTION AND EACH LANE OF A DOUBLE LEFT TURN LANE REQUIRES A SEPARATE INDUCTIVE LOOP DETECTOR AND LEAD IN CABLE.
* WHEN NON-LOCKING, PRESENCE DETECTION IS USED, MORE THAN ONE LOOP PER LANE IS REQUIRED BEHIND THE STOP BAR (i.e. 1-1/2, 1-3/4, 2).
* WHEN SYSTEM LOOPS ARE REQUIRED ON AN APPROACH OF AN INTERSECTION, THE LOOPS USED FOR VOLUME DENSITY AND INTERSECTION TIMING SHALL ALSO BE USED AS SYSTEM DETECTORS. EACH ONE OF THESE TYPE OF LOOPS REQUIRES A SEPARATE TWO CONDUCTOR NO. 14 TWISTED SHIELDED CABLE AND A SEPARATE INDUCTIVE LOOP DETECTOR WHEN NEW CONTROLLERS ARE UTILIZED. THE DESIGNER SHALL LABEL THESE TYPES OF LOOPS AS "INTERSECTION AND SAMPLING (SYSTEM) DETECTORS" ON THE SIGNAL LAYOUT. THE INTERCONNECT PLAN AND THE SYSTEM CABLE PLAN. WHEN AN EXISTING CONTROLLER IS UTILIZED FOR THIS TYPE OF DETECTION, THE PAY ITEM "INDUCTIVE LOOP DETECTOR WITH SYSTEM OUTPUT" SHOULD BE USED.

PLACEMENT OF DETECTORS

THE FOLLOWING FIGURES REPRESENT THE MOST COMMON DETECTOR LOOP LOCATIONS AND SIZES. ADJUSTMENTS WILL BE NECESSARY FOR SPECIFIC GEOMETRIC CONSIDERATIONS.

LOCATIONS AND DEMENSIONS OF DETECTOR LOOPS ARE REQUIRED ON ALL SIGNAL LAYOUT PLAN SHEETS.

"FAR OUT" DETECTION REFERS TO LOCKING, PRESENCE TYPE DETECTION LOCATED IN THRU LANES, RIGHT TURN LANES, AND RIGHT TURN LANE TAPER AREAS (IF APPLICABLE), USUALLY 250' (75 m) IN ADVANCE OF STOP BARS. "UPTIGHT" DETECTION REFERS TO NON-LOCKING PRESENCE TYPE DETECTION LOCATED IN ALL LANES AND 10'-15' (3.0 m-4.5 m) BEHIND THE CROSSING STREET'S EDGE OF PAVEMENT EXTENDED.

NOTE:

ALL DETAILS AND NOTES SHOWN ARE FROM THE I.D.O.T. DISTRICT 1 TRAFFIC SIGNAL DESIGN GUIDELINES DATED JANUARY 1995

THIS DRAWING HAS BEEN PREPARED TO ASSIST THE RESIDENT ENGINEER FOR ALL ROADWAY RESURFACING OR S.M.A.R.T. PROJECTS WHERE THE DIMENSIONS ARE NOT SHOWN ON THE PLANS AND THE FINAL LOCATIONS FOR CROSSWALKS OR STOP BARS ARE NOT DETERMINED.

TSS-10

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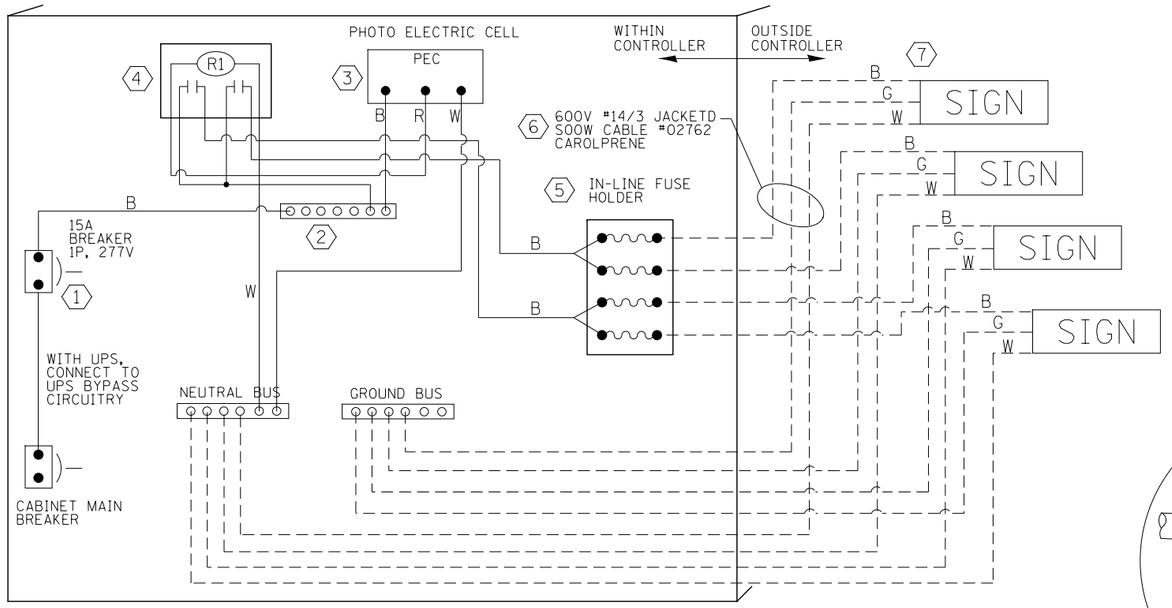
	PLOT DATE = 1/4/2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT 1 – DETECTOR LOOP INSTALLATION DETAILS FOR ROADWAY RESURFACING

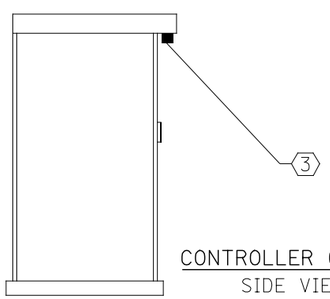
SCALE: NONE | SHEET NO. 1 OF 1 SHEETS | STA. | TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	193
	TS-07	CONTRACT NO. 61G12		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

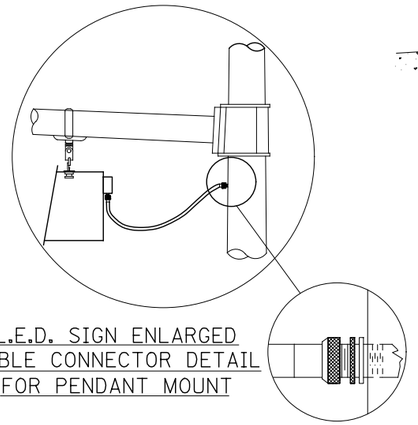


LED SIGN WIRING DETAIL

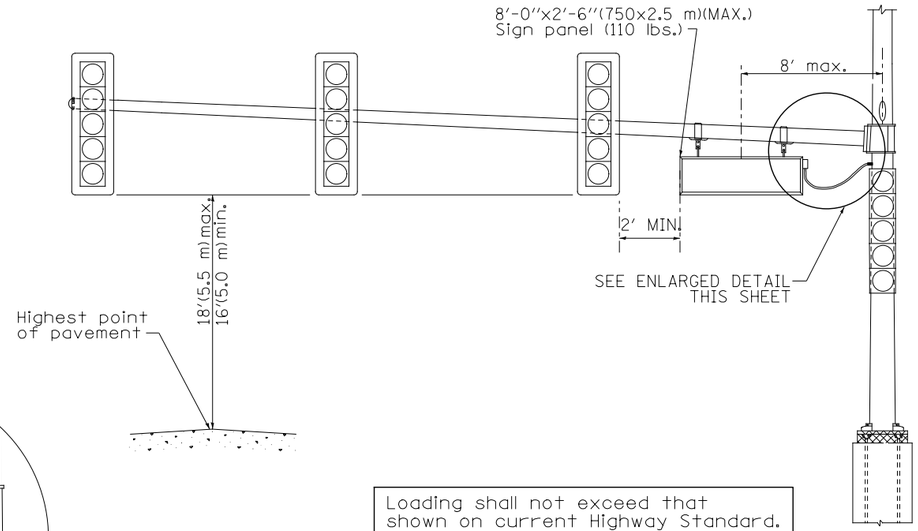
DESCRIPTION
1 CIRCUIT BREAKER
2 TERMINAL BLOCK
3 PHOTO ELECTRIC CONTROL
4 CONTROL RELAY
5 INLINE FUSE HOLDER WITH 5 AMP FUSE
6 ELECTRIC CABLE, NO. 14, 3/C (BLACK, WHITE, GREEN)
7 SIGN MOUNTING HARDWARE



CONTROLLER CABINET
SIDE VIEW



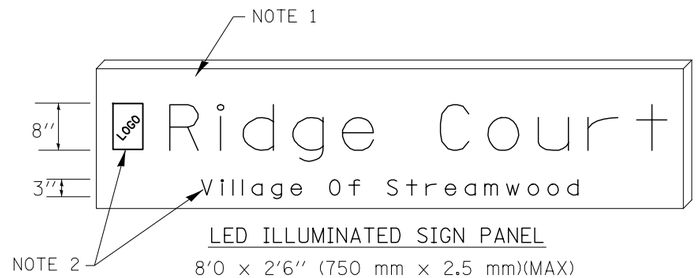
L.E.D. SIGN ENLARGED CABLE CONNECTOR DETAIL FOR PENDANT MOUNT



Loading shall not exceed that shown on current Highway Standard.

STEEL MAST ARM ASSEMBLY AND POLE PENDANT MOUNT

L.E.D. SIGN ENLARGED CABLE CONNECTOR DETAIL



LED ILLUMINATED SIGN PANEL
8'0 x 2'6" (750 mm x 2.5 mm)(MAX)
C or D FONT

NOTES:

1. SIGNS SHALL BE SINGLE SIDED FOR DIRECT MOUNT AND DOUBLE SIDED FOR PENDANT MOUNT.
2. CERTAIN ADDITIONAL INFORMATION MAY BE ALLOWED ON THE SIGN. VERIFY WITH ENGINEER.
3. SIGNS SHALL NOT BE ENERGIZED WHEN TRAFFIC SIGNALS ARE POWERED BY THE UPS. THE SIGNS SHALL BE CONNECTED TO THE UPS BYPASS CIRCUITRY.
4. ALL WIRING WITHIN THE CABINET SHALL BE COLOR CODED AS INDICATED:
   R = RED BL = BLUE W = WHITE
   B = BLACK Y = YELLOW G = GREEN
5. ALL 120 VOLT SYSTEM AND ALL CONTROL WIRING SHALL BE #12AWG STRANDED UNLESS OTHERWISE INDICATED.
6. ALL WIRING SHALL BE NEATLY DRESSED AND SUPPORTED.

KNIGHT Engineers & Architects

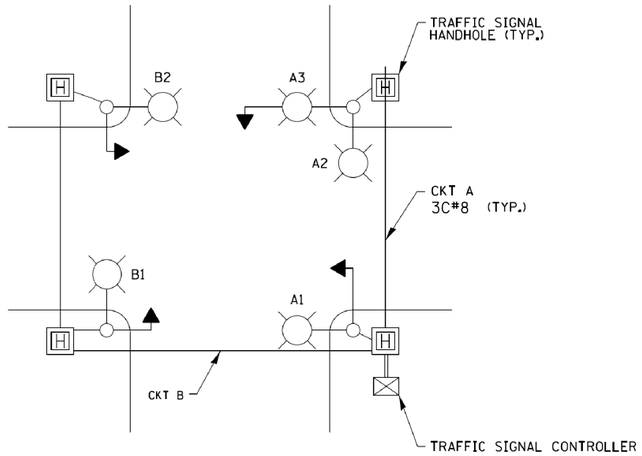
DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

31ST STREET
LED ILLUMINATED STREET NAME SIGN DETAIL

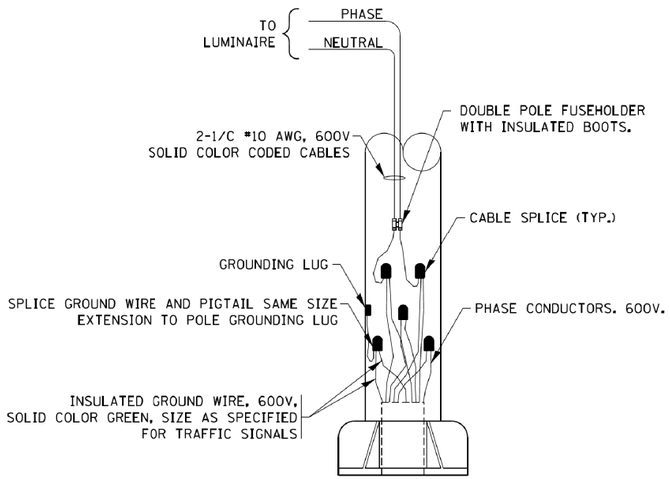
SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	194
	TSS-11	CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			



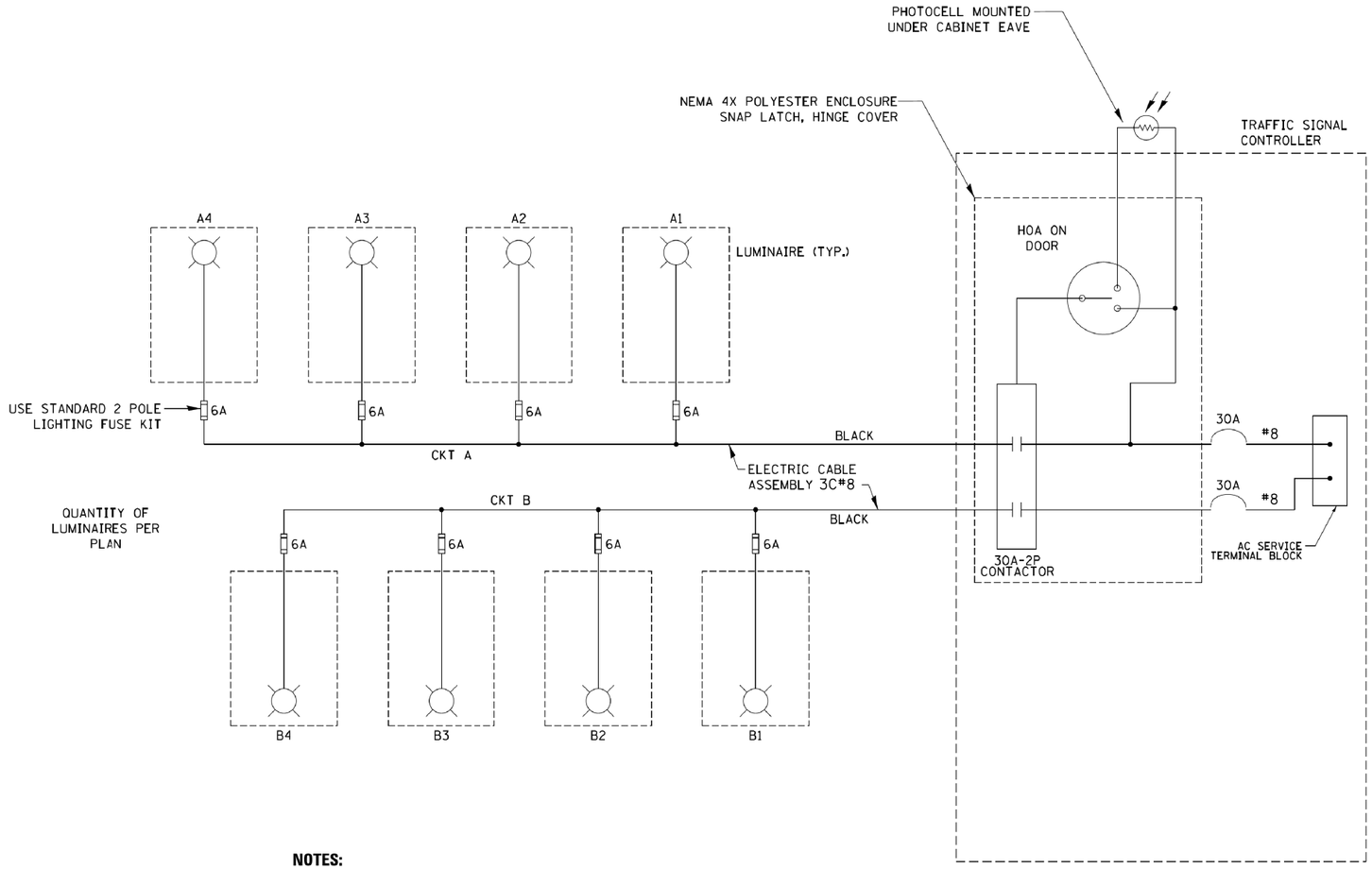
TYPICAL LIGHTING CIRCUIT

(NOT TO SCALE)



COMBINATION POLE WIRING DETAIL

(NOT TO SCALE)



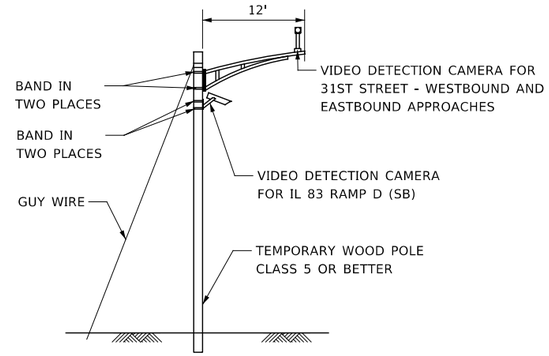
NOTES:

1. 4 LUMINAIRES PER CIRCUIT, MAXIMUM.
2. MULTI-CONDUCTOR CABLE ASSEMBLY FOR LIGHTING CIRCUITS.
3. ROUTE LIGHTING CIRCUITS IN TRAFFIC SIGNAL CONDUIT SYSTEM.
4. ALL SPLICES AND CONNECTIONS FOR ROADWAY LIGHTING SHALL BE AT POLE BASE ONLY.
5. ALL CONTROLLERS TO HAVE TWO FUSED LIGHTING BRANCH CIRCUITS.
6. ALL WIRING SHALL BE NEATLY DRESSED, IDENTIFIED BY TAGS, AND SUPPORTED. (UNDERGROUND SPLICING OF LIGHTING CONDUCTORS IS NOT PERMITTED).
7. THE H.O.A. SWITCH SHALL BE LABELED AS "LIGHTING CONTROL" WITH THE POSITIONS "AUTO", "OFF" AND "TEST" WITH ENGRAVED NAME PLATES.
8. LIGHTING CONNECTED TO UPS BYPASS CIRCUIT.
9. COMBINATION LIGHTING MUST BE INSTALLED PRIOR TO SIGNAL TURN ON.
10. LUMINAIRE VOLTAGE SHALL BE 120V

TSS-12

FILE NAME = be240.dgn	USER NAME = footemj	DESIGNED - RT	REVISED - 02/10/2015	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	COMBINATION LIGHTING, TRAFFIC SIGNAL SCHEMATIC	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED - 10/13/2015			1467	14-00259-05-CH	DUPAGE	294	195
	PLOT SCALE = 50.0000 ' / in.	CHECKED - RT	REVISED - T.G. 4/12/2017			BE-240		CONTRACT NO. 61G12		
Default	PLOT DATE = 03/22/18	DATE - 08/18/2014	REVISED - R. TOMSONS 3/22/18		SCALE: NTS SHEET 1 OF 1 SHEETS STA. TO STA.			ILLINOIS FED. AID PROJECT		

be240.dgn 04/23/18 07:28:54 J:\uni\Systems



TEMPORARY VIDEO DETECTION MOUNTING DETAIL

NOT TO SCALE

NOTE: EACH VIDEO CAMERA SHALL BE MOUNTED ON A 12' ALUMINUM MAST ARM OR WOOD POLE AS INDICATED ABOVE. THIS WORK WILL BE INCLUDED IN THE COST FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.

REMOVAL OF EXISTING TRAFFIC SIGNAL EQUIPMENT:

THE FOLLOWING ITEMS SHALL BE REMOVED BY THE CONTRACTOR AND SHALL BE DISPOSED OF BY THEM OUTSIDE THE RIGHT-OF-WAY AT THEIR EXPENSE. THE SALVAGE VALUE OF THE REMOVED EQUIPMENT SHALL BE REFLECTED IN THE CONTRACT BID PRICE.

2	EACH	STEEL MAST ARM ASSEMBLY AND POST
4	EACH	TRAFFIC SIGNAL POST
8	EACH	3-SECTION SIGNAL HEAD
3	EACH	4-SECTION SIGNAL HEAD
3	EACH	TRAFFIC SIGNAL BACKPLATE
2	EACH	PEDESTRIAN SIGNAL HEAD
2	EACH	PEDESTRIAN PUSH BUTTON

THE FOLLOWING EXISTING TRAFFIC SIGNAL EQUIPMENT SHALL BE REMOVED BY THE CONTRACTOR AND SHALL REMAIN THE PROPERTY OF THE AGENCY LISTED BELOW. THE CONTRACTOR SHALL SAFELY STORE AND ARRANGE FOR THE PICK UP OF ALL THE EQUIPMENT TO BE RETURNED TO THE LISTED AGENCY AS PER THE TRAFFIC SIGNAL SPECIFICATIONS.

ILLINOIS DEPARTMENT OF TRANSPORTATION (DISTRICT ONE)

1	EACH	CONTROLLER AND CABINET (COMPLETE)

DUPAGE COUNTY DIVISION OF TRANSPORTATION

2	EACH	LIGHT DETECTOR
1	EACH	EMERGENCY VEHICLE PREEMPTION SYSTEM (COMPLETE)

(A) LEFT ON GREEN ARROW ONLY — R10-5, 30" x 36", 1 REQUIRED

(B) R3-2, 36" x 36", 1 REQUIRED

(C) R3-1, 36" x 36", 1 REQUIRED

SIGN PANELS SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION

CONSTRUCTION NOTES:

1. PROVIDE BARREL MOUNTED PEDESTRIAN SIGNAL HEAD AND PEDESTRIAN PUSH-BUTTON WITH ADEQUATE CABLE SLACK TO RELOCATE TEMPORARY POST TO ANY LOCATION REQUIRED FOR TRAFFIC CONTROL STAGING ALONG SIDEWALK. THE PEDESTRIAN PUSH-BUTTON LOCATION AND MOUNTING SHALL REMAIN ADA ACCESSIBLE DURING CONSTRUCTION. THE FURNISHING AND RELOCATION OF THE TEMPORARY POST, HEADS AND PUSH-BUTTON SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT COST FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION.

TS 555

KNIGHT Engineers & Architects

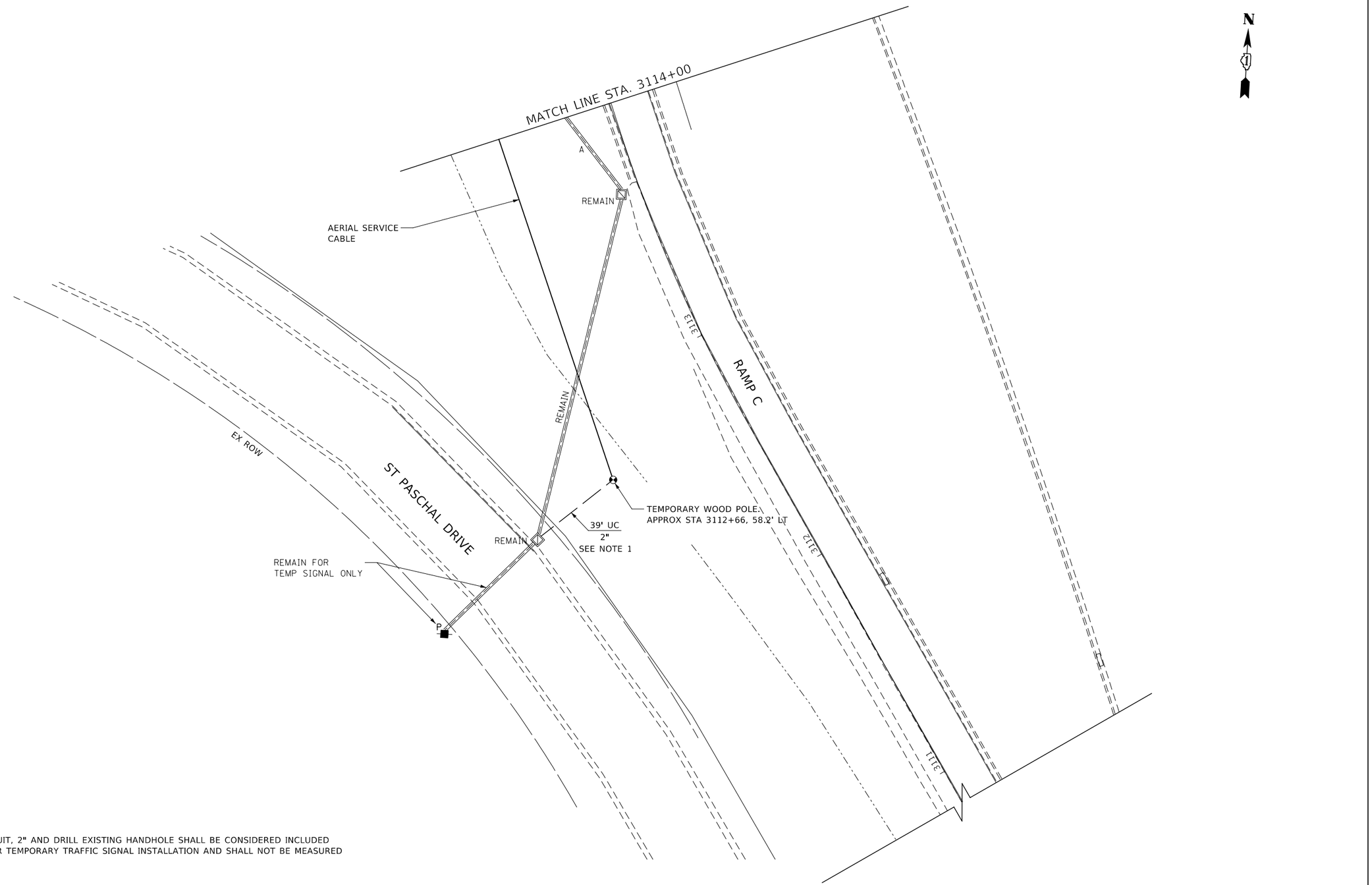
DESIGNED - D.M.S.		REVISED -
DRAWN - D.M.S.		REVISED -
CHECKED - D.J.C.		REVISED -
DATE - 09-01-2020		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
31ST STREET AND IL 83 SOUTH RAMPS

SCALE: AS SHOWN | SHEET 1 OF 4 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	196
	TSS-13	CONTRACT NO. 61G12		
		ILLINOIS	FED. AID PROJECT	



NOTE:

1. WORK FOR UNDERGROUND CONDUIT, 2" AND DRILL EXISTING HANDHOLE SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION AND SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT.

TS 555

KNIGHT
Engineers & Architects

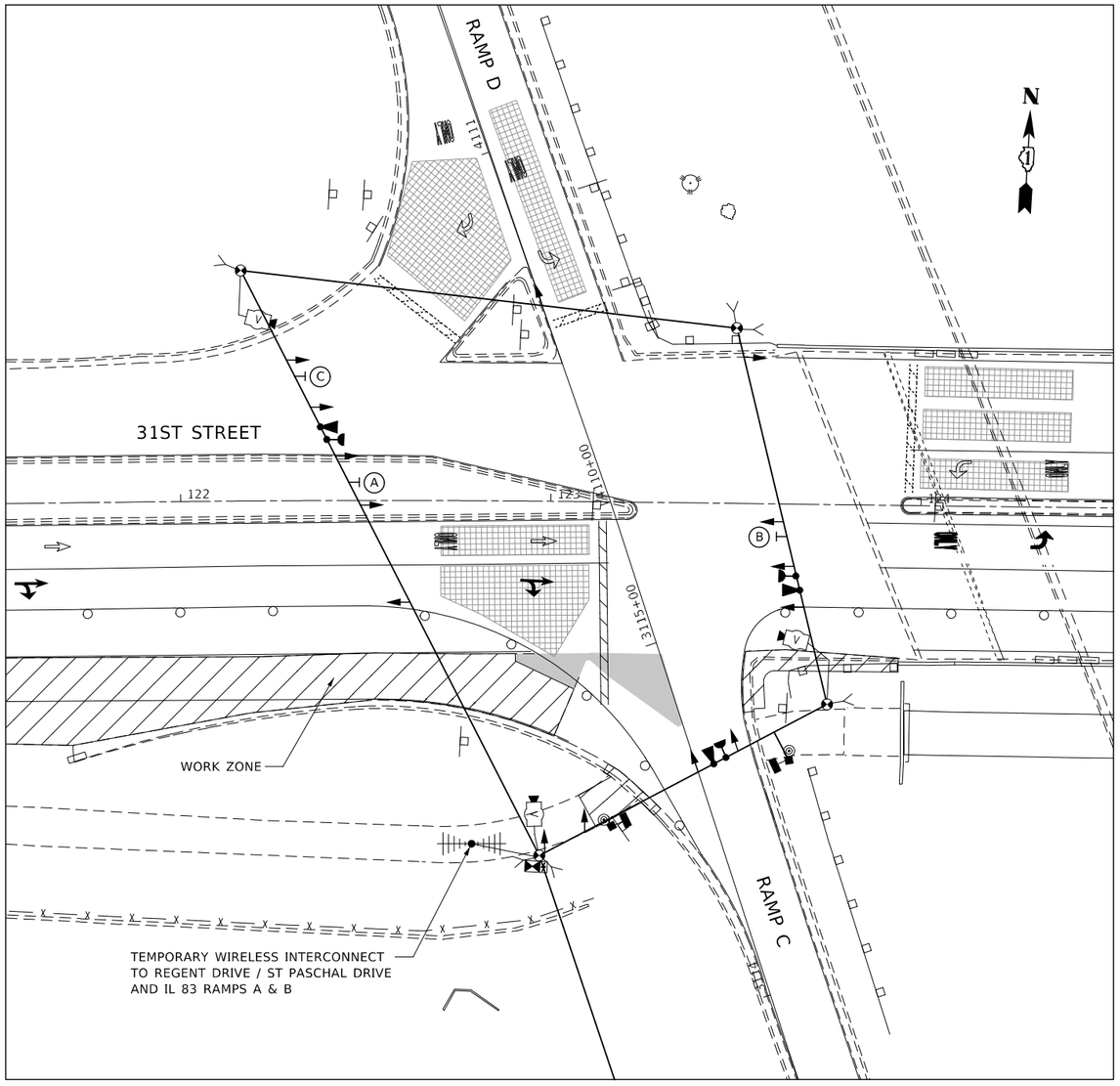
DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

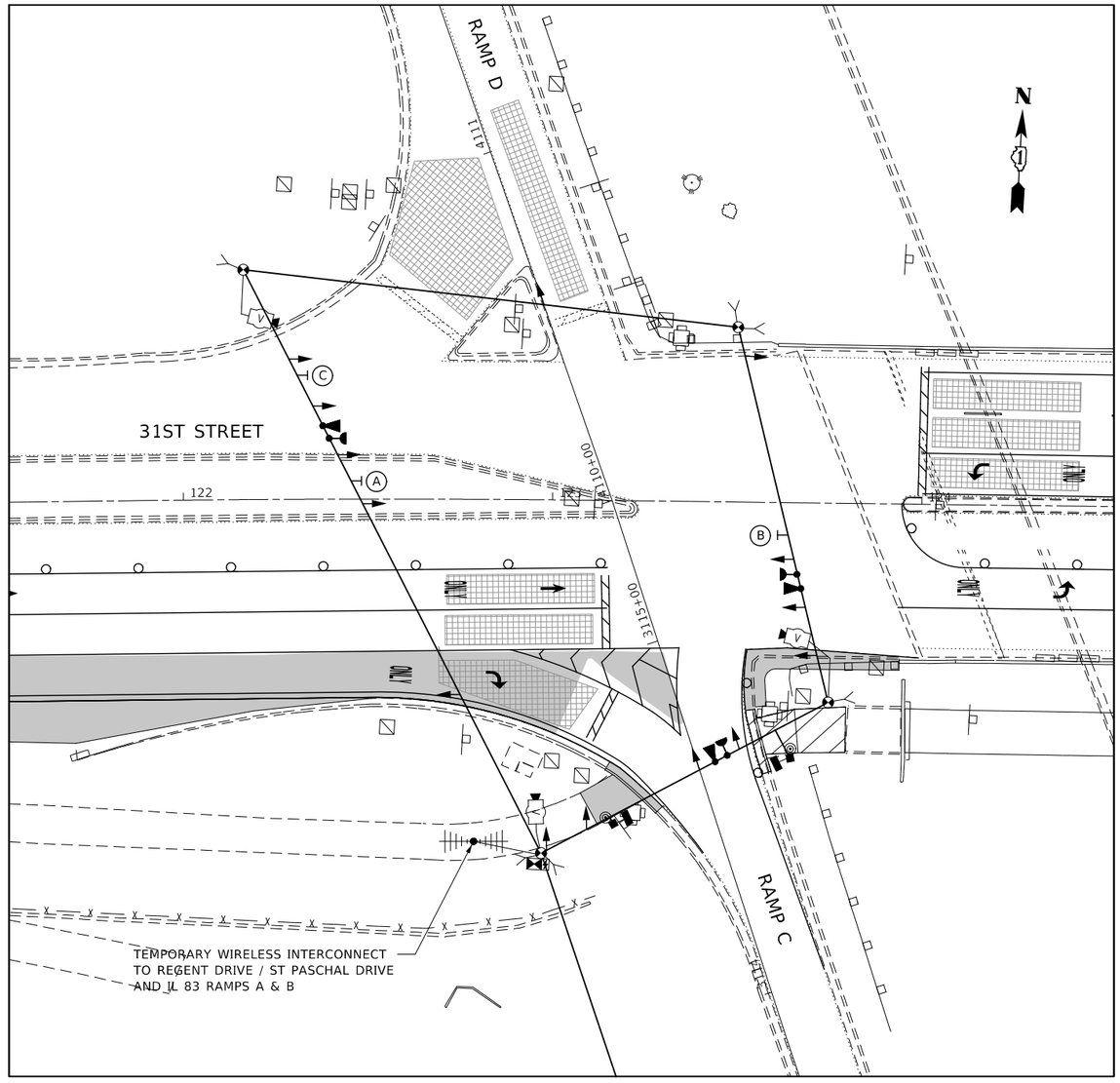
TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN
31ST STREET AND IL 83 SOUTH RAMPS

SCALE: AS SHOWN | SHEET 2 OF 4 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	197
	TSS-14	CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			



TEMPORARY TRAFFIC SIGNALS
STAGE 1, 1A



TEMPORARY TRAFFIC SIGNALS
STAGE 2

(A) LEFT ON GREEN ARROW ONLY
R10-5
30" x 36"
1 REQUIRED

(B) R3-2
36" x 36"
1 REQUIRED

(C) R3-1
36" x 36"
1 REQUIRED

SIGN PANELS SHALL BE CONSIDERED INCLUDED IN THE CONTRACT UNIT PRICE FOR TEMPORARY TRAFFIC SIGNAL INSTALLATION

20 0 20 40
SCALE IN FEET

TS 555

KNIGHT
Engineers & Architects

DESIGNED -	D.M.S.	REVISED	-
DRAWN -	D.M.S.	REVISED	-
CHECKED -	D.J.C.	REVISED	-
DATE -	09-01-2020	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

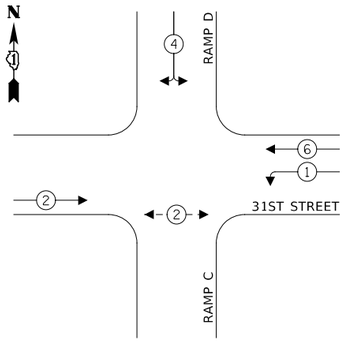
TEMPORARY TRAFFIC SIGNAL INSTALLATION AND REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT PLAN – STAGE 1 AND STAGE 1A
31ST STREET AND IL 83 SOUTH RAMPS

SCALE: AS SHOWN | SHEET 3 OF 4 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	198
	TSS–15	CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			

TEMPORARY CONTROLLER SEQUENCE

ALL STAGES

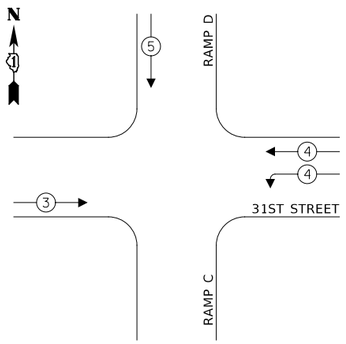


LEGEND:

- PROTECTED PHASE
- PROTECTED/PERMITTED PHASE
- PEDESTRIAN PHASE

TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE

ALL STAGES



TRAFFIC SIGNAL ELECTRICAL SERVICE REQUIREMENTS

TYPE	NO. OF LAMPS	LED WATTAGE	% OPERATION	TOTAL WATTAGE
SIGNAL (RED)	14	11	50	77.0
(YELLOW)	14	20	5	14.0
(GREEN)	14	12	45	75.6
PERMISSIVE ARROW	-	10	10	-
PED. SIGNAL	2	20	100	40.0
CONTROLLER	1	100	100	100.0
UPS	1	25	100	25.0
VIDEO SYSTEM	1	150	100	150.0
BLANK-OUT SIGN	-	25	5	-
FLASHER	-	-	50	-
STREET NAME SIGN	-	120	50	-
LUMINAIRE	-	310	50	-
			TOTAL =	481.6

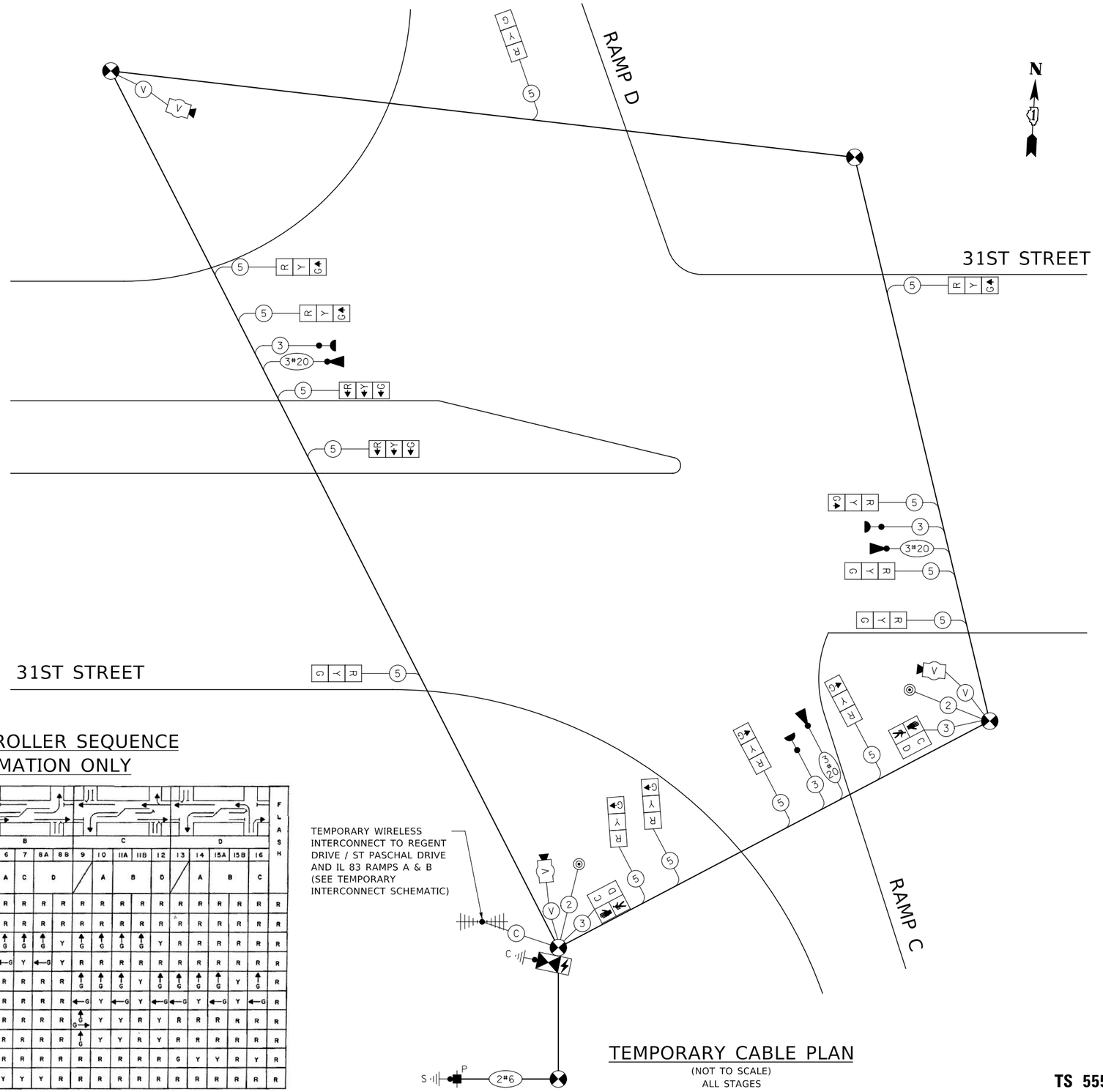
ENERGY COSTS TO:

VILLAGE OF OAK BROOK
3003 JORIE BOULEVARD
OAK BROOK, IL 60523

ENERGY SUPPLY: CONTACT: ERIC JOSTES
PHONE: (630) 437-2927
COMPANY: COMMONWEALTH EDISON
ACCOUNT NUMBER: ---

EXISTING CONTROLLER SEQUENCE FOR INFORMATION ONLY

MOVEMENT																							FLASH
PHASE	A					B					C					D							
INTERVAL	1	2	3	4A	4B	5	6	7	8A	8B	9	10	11A	11B	12	13	14	15A	15B	16			
CHANGE TO		B	C	D			A	C	D			A	B	D			A	B		C			
31st ST. E/B NEAR RIGHT AND FAR RIGHT SIGNALS AT RAMPS C & A	G	Y	Y	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
31st ST. E/B FAR LEFT SIGNAL AT RAMPS C & A	G	Y	Y	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R
31st ST E/B NEAR RIGHT, FAR RIGHT AND MAST ARM SIGNALS AT RAMPS B & D	G	G	G	G	Y	G	G	G	G	Y	G	G	G	G	Y	R	R	R	R	R	R	R	R
31st ST. E/B MEDIAN AND FAR LEFT SIGNALS AT RAMPS B & D	G	G	Y	G	Y	G	G	Y	G	Y	R	R	R	R	R	R	R	R	R	R	R	R	R
31st ST. W/B NEAR RIGHT, FAR RIGHT AND MAST ARM SIGNALS AT RAMPS A & C	G	Y	G	G	G	R	R	R	R	R	G	G	G	Y	G	G	G	G	Y	G	R	R	R
31st ST. W/B MEDIAN AND FAR LEFT SIGNALS AT RAMPS A & C	R	R	R	R	R	R	R	R	R	R	G	Y	G	Y	G	G	Y	G	Y	G	R	R	R
31st ST. W/B NEAR RIGHT AND FAR RIGHT SIGNALS AT RAMPS D & B	R	R	R	R	R	R	R	R	R	R	G	Y	Y	R	Y	R	R	R	R	R	R	R	R
31st ST. W/B FAR LEFT SIGNAL AT RAMPS D & B	R	R	R	R	R	R	R	R	R	R	G	Y	Y	R	Y	R	R	R	R	R	R	R	R
ILL. 83 OFF-RAMP B SIGNALS	R	R	R	R	R	R	R	R	R	R	R	R	R	R	R	G	Y	Y	R	Y	R	R	R
ILL. 83 OFF-RAMP A SIGNALS	R	R	R	R	R	G	Y	Y	Y	R	R	R	R	R	R	R	R	R	R	R	R	R	R



TEMPORARY CABLE PLAN

(NOT TO SCALE)
ALL STAGES

TS 555

KNIGHT
Engineers & Architects

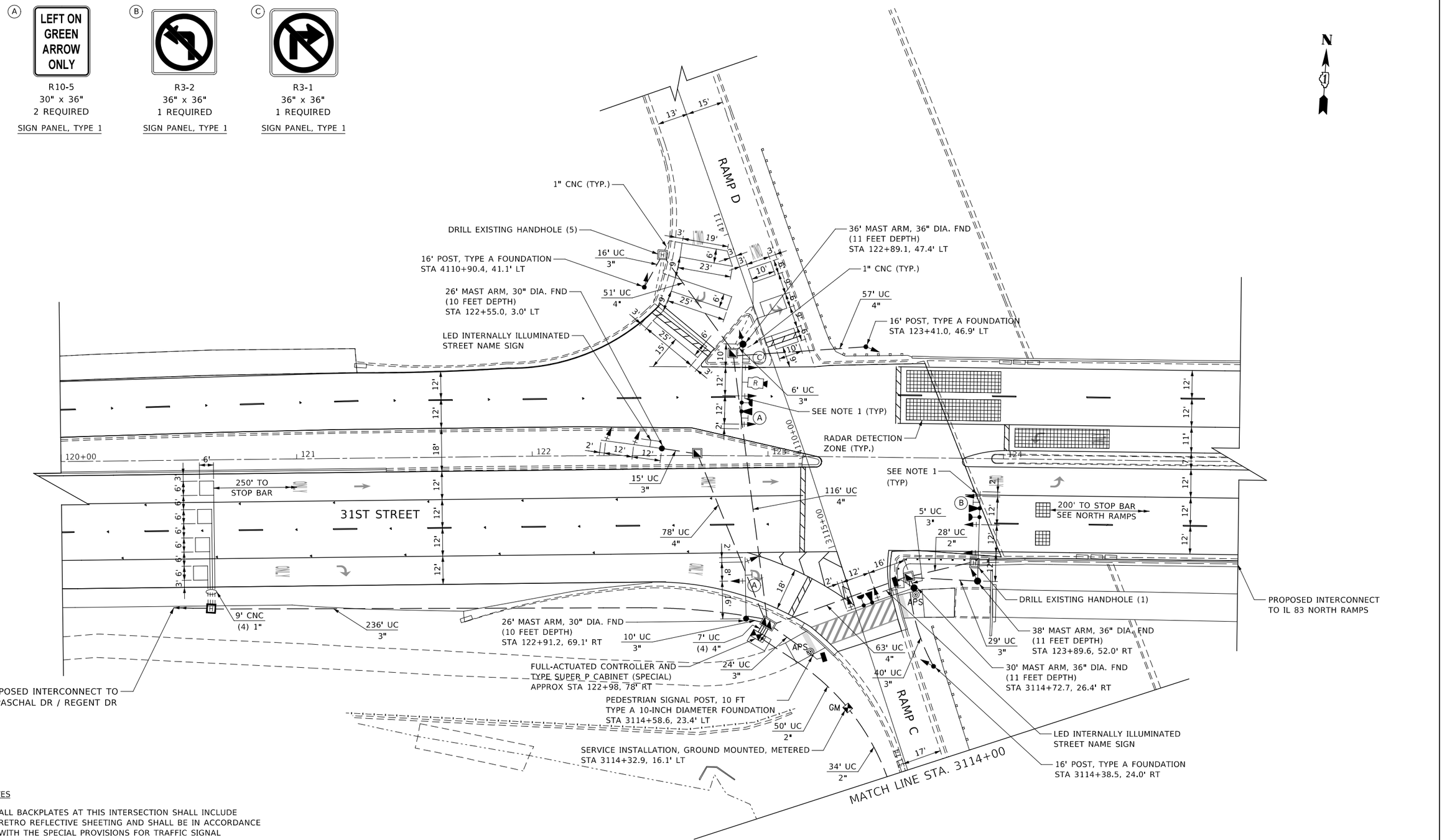
DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY CABLE PLAN, TEMPORARY PHASE DESIGNATION DIAGRAM, AND TEMPORARY EMERGENCY VEHICLE PREEMPTION SEQUENCE – STAGE 1 & STAGE 2
31ST STREET AND IL 83 SOUTH RAMPS

SCALE: AS SHOWN | SHEET 4 OF 4 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	199
	TSS-16	CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			



NOTES

1. ALL BACKPLATES AT THIS INTERSECTION SHALL INCLUDE RETRO REFLECTIVE SHEETING AND SHALL BE IN ACCORDANCE WITH THE SPECIAL PROVISIONS FOR TRAFFIC SIGNAL BACKPLATE (D1).

THE TRAFFIC SIGNAL CONTROL EQUIPMENT FOR THIS PROJECT SHALL BE ECONOLITE NTCIP (LATEST VERSION).

TS 555

KNIGHT
Engineers & Architects

DESIGNED - D.M.S.	REVISED -	
DRAWN - D.M.S.	REVISED -	
CHECKED - D.J.C.	REVISED -	
DATE - 09-01-2020	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TRAFFIC SIGNAL INSTALLATION PLAN
31ST STREET AND IL 83 SOUTH RAMPS

SCALE: AS SHOWN | SHEET 1 OF 5 SHEETS | STA. | TO STA.

F.A.U RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1467	14-00259-05-CH	DUPAGE	294	200
	TSS-17	CONTRACT NO. 61G12		
	ILLINOIS FED. AID PROJECT			