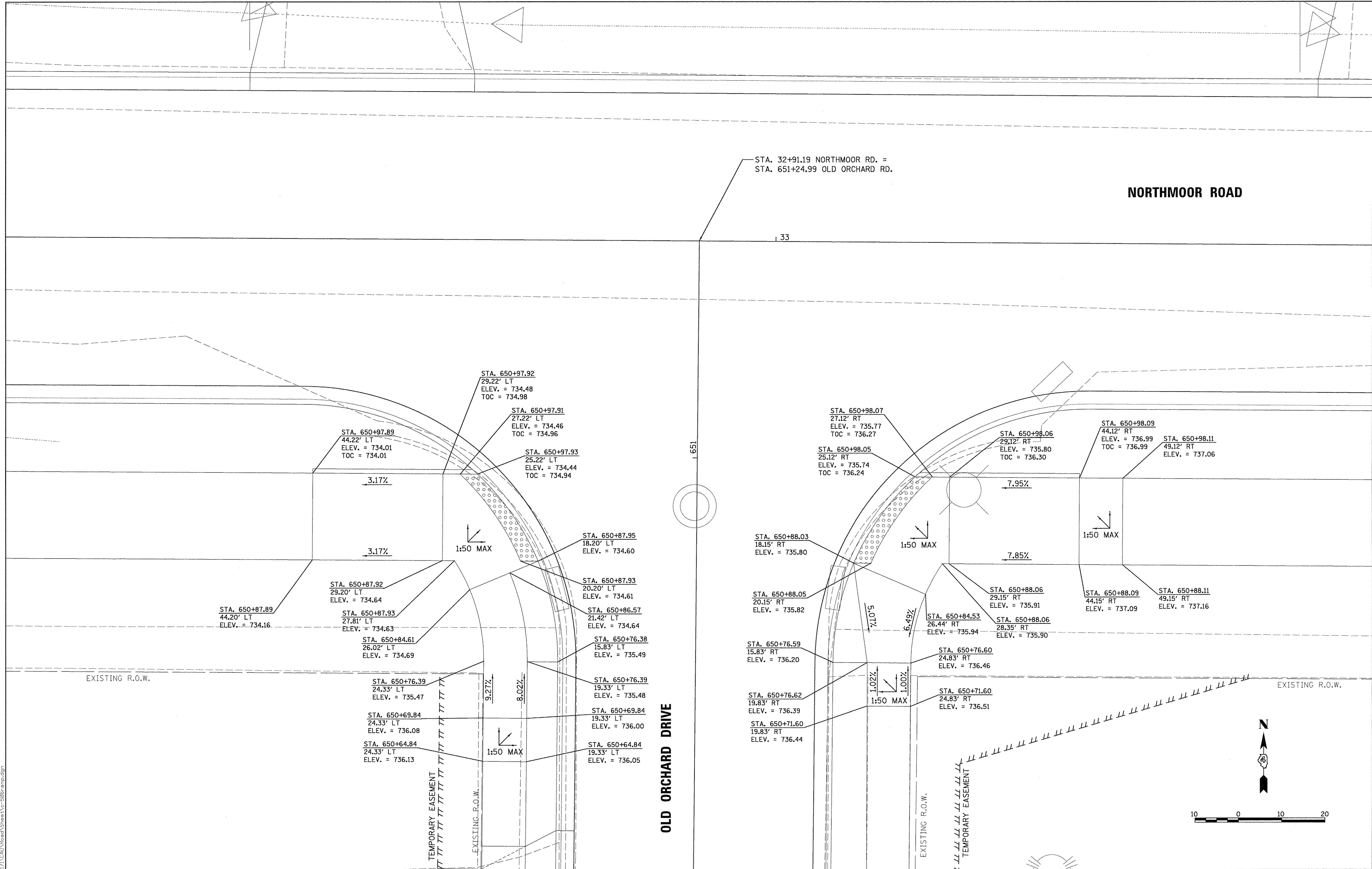


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REVIEWED	MCD	3/7/17

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

NORTHMOOR ROAD AND HAMILTON ROAD SIDEWALK RAMP DETAILS		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: 1"=5'	SHEET OF SHEETS	6647	05-00302-00-PV	PEORIA	385	151
STA. TO STA.	CONTRACT NO.89386					
ILLINOIS FED. AID PROJECT M-509311367						



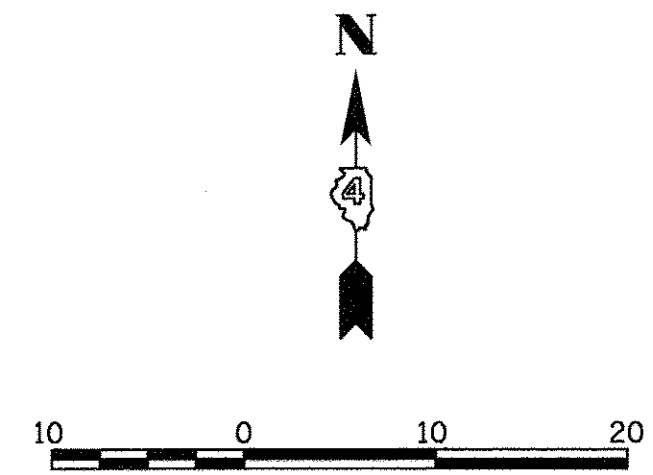
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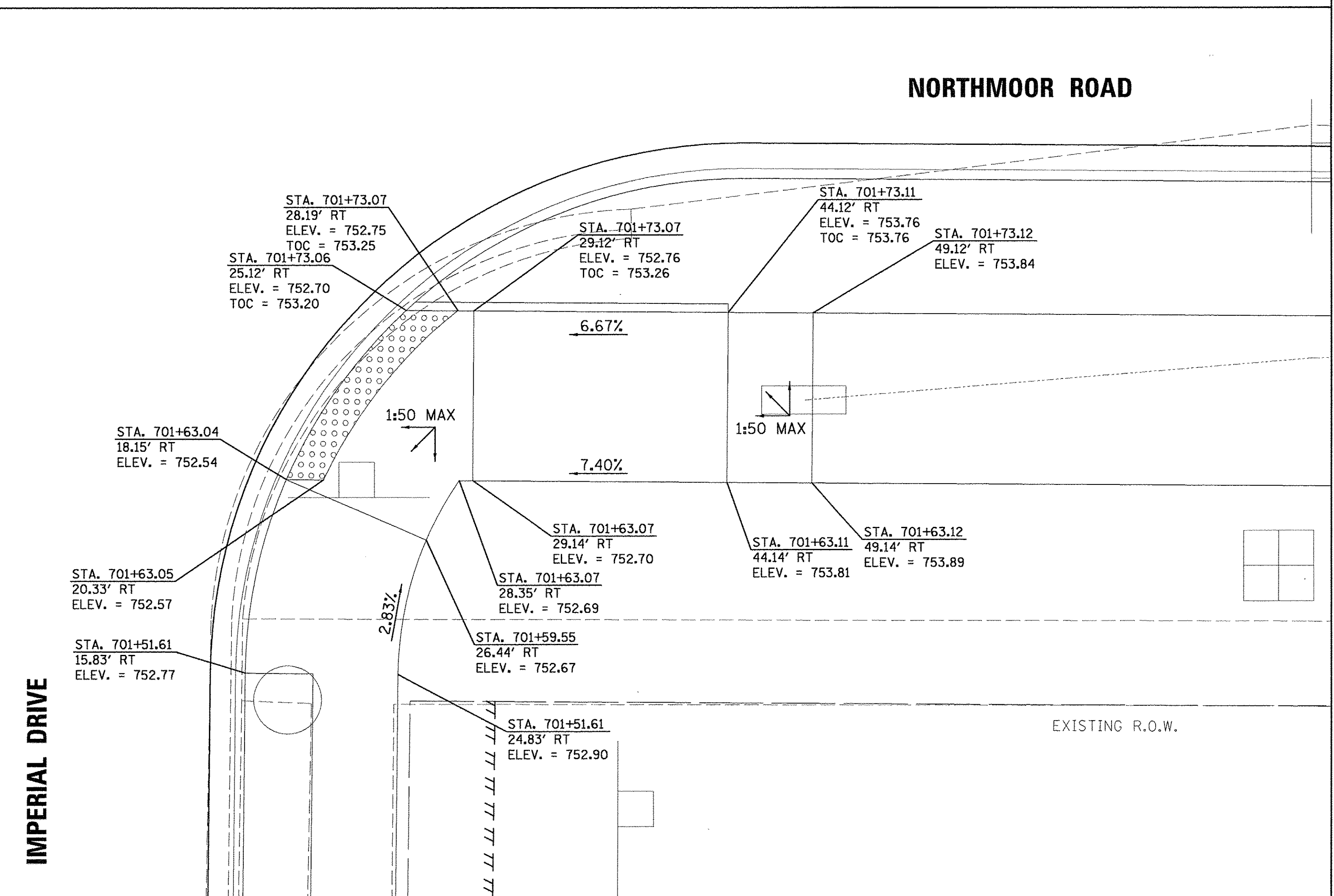
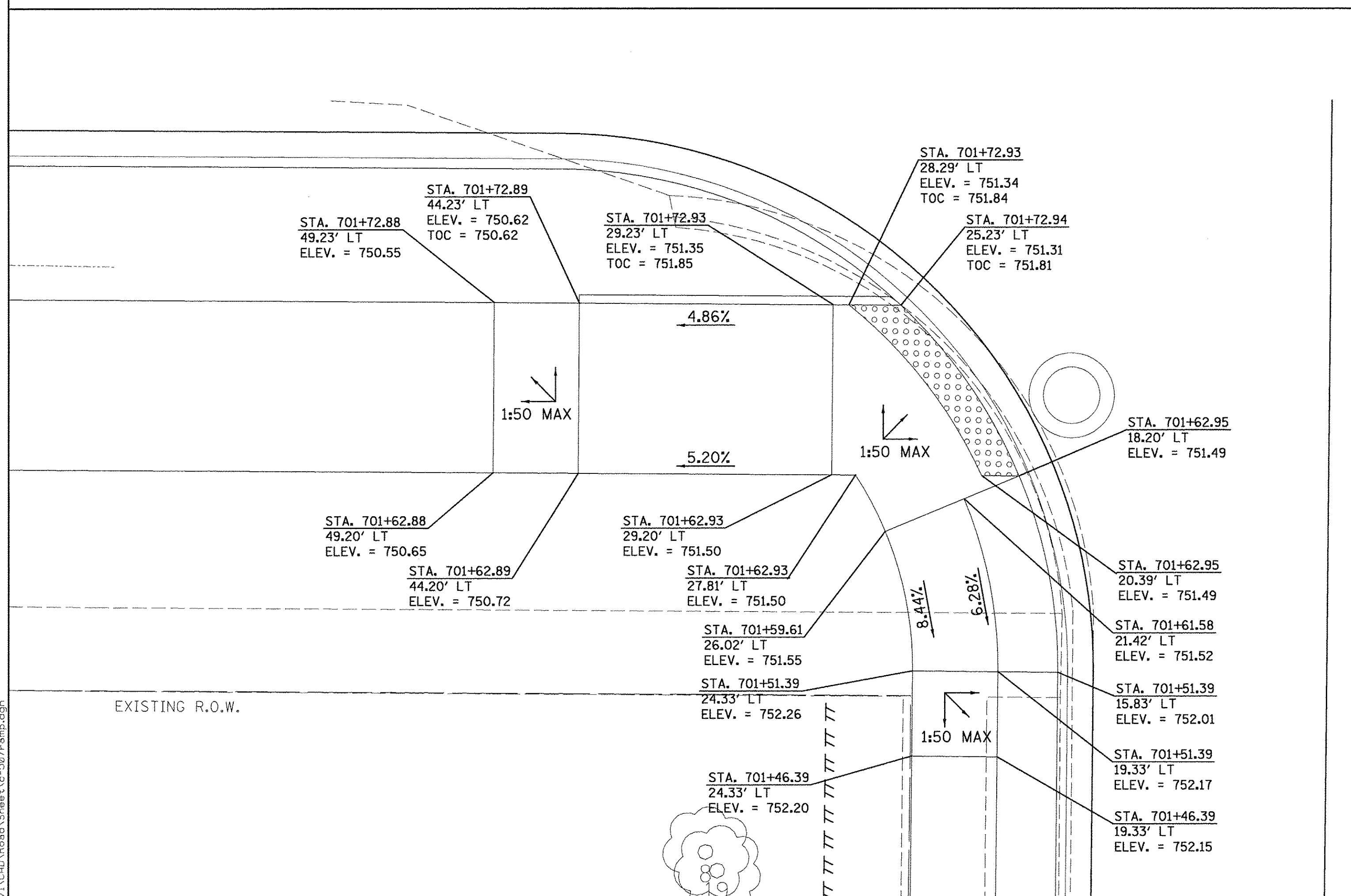
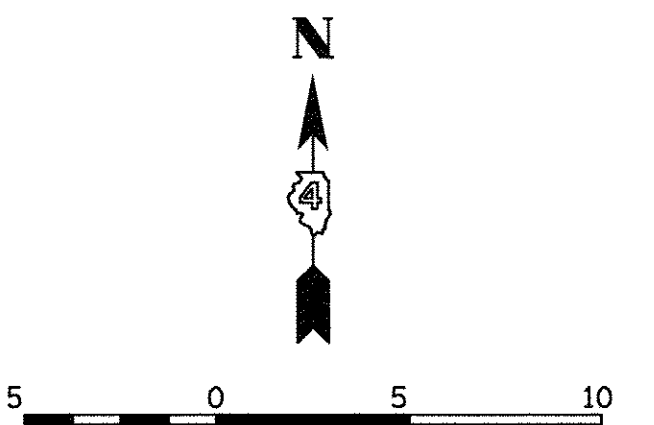
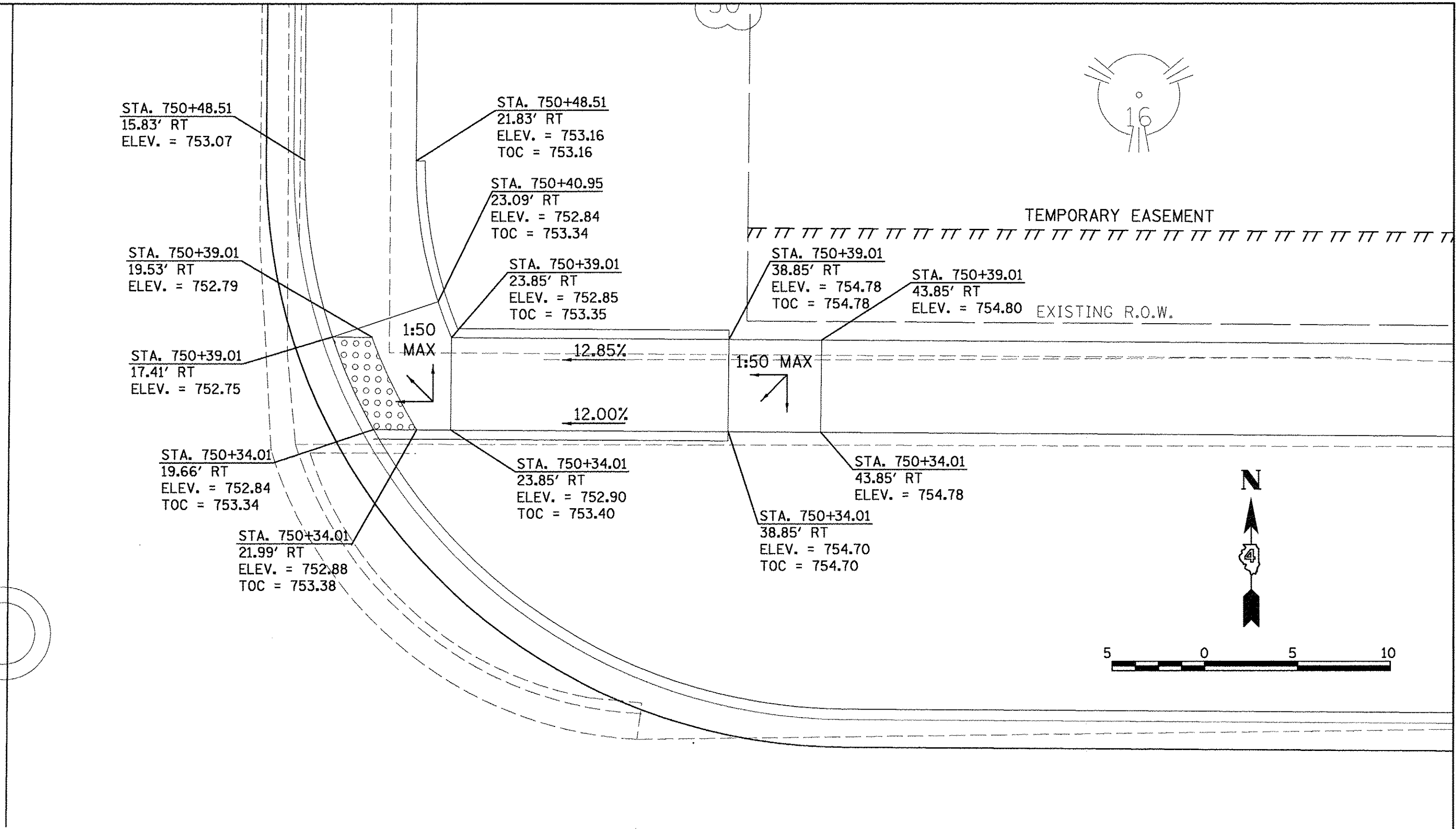
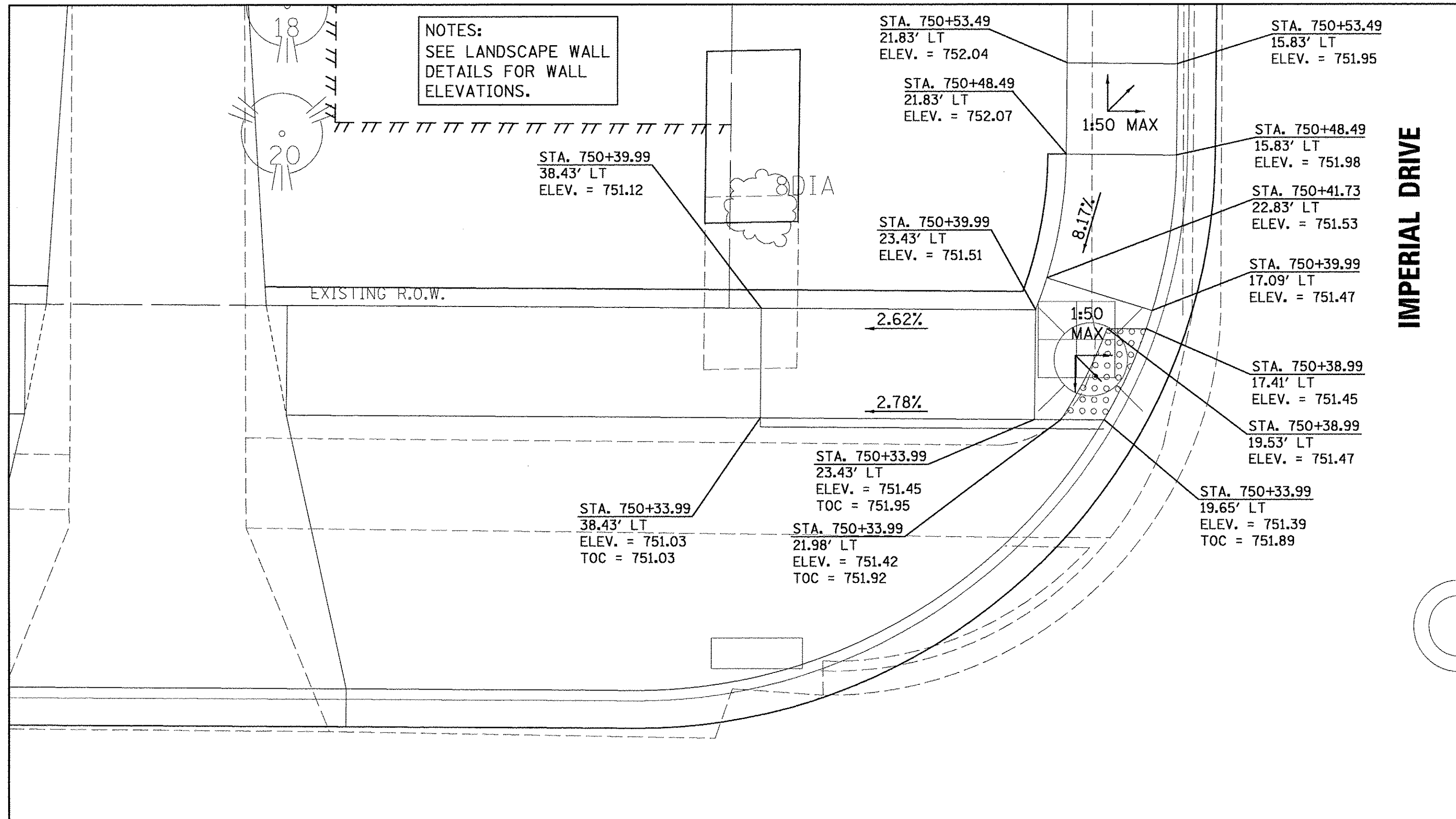
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD AND OLD ORCHARD DRIVE
 SIDEWALK RAMP DETAILS**

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	152
CONTRACT NO.89386			ILLINOIS FED. AID PROJECT M-5093(136)	





LAYOUT	DLC	2/24/15
DRAWN	RLA	2/24/15
REVIEWED	MGD	3/14/17

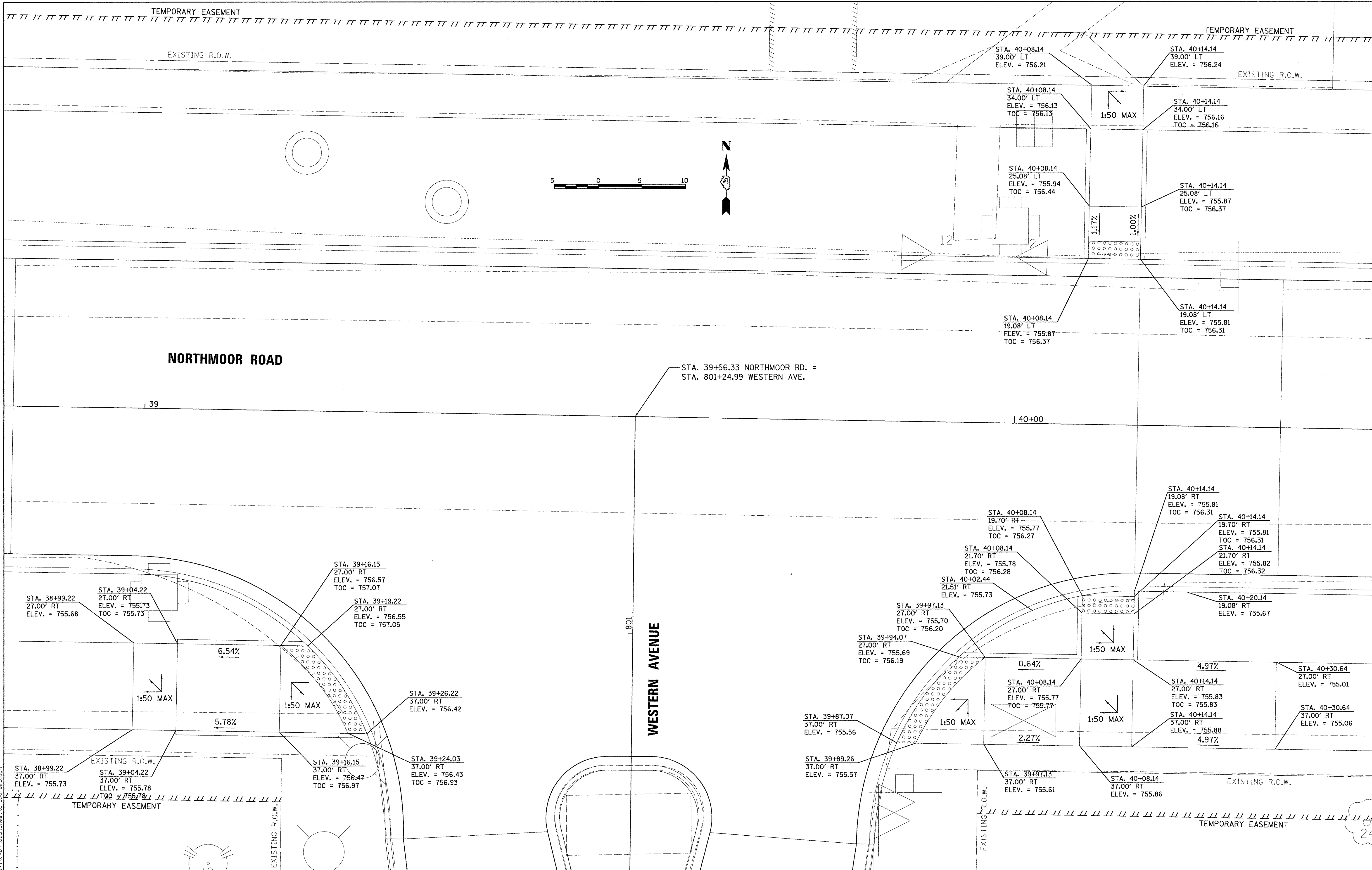
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		DATE - 03/22/2017	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD AND IMPERIAL DRIVE
 SIDEWALK RAMP DETAILS**

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	153
CONTRACT NO. 89386			ILLINOIS FED. AID PROJECT M-5093(136)	



LAYOUT	DLC	2/24/15
DRAWN	RLA	2/24/15
REVIEWED	MGD	3/24/17

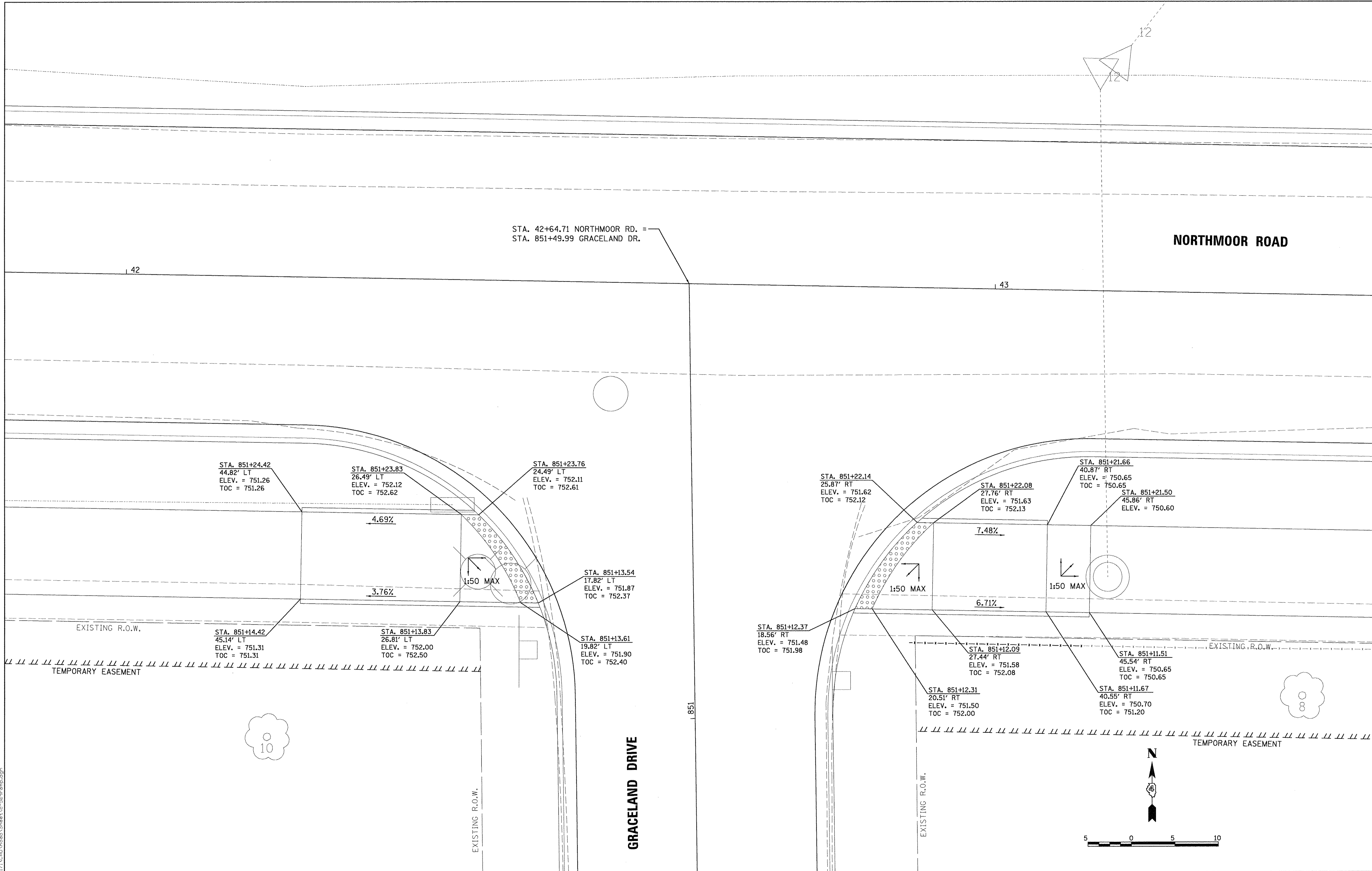
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		DATE - 03/22/17	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD AND WESTERN AVENUE
 SIDEWALK RAMP DETAILS**

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	154
CONTRACT NO.89386			ILLINOIS FED. AID PROJECT M-5093(136)	



LAYOUT	DLC	2/24/15
DRAWN	RLA	2/24/15
REVIEWED	MGD	3/14/17

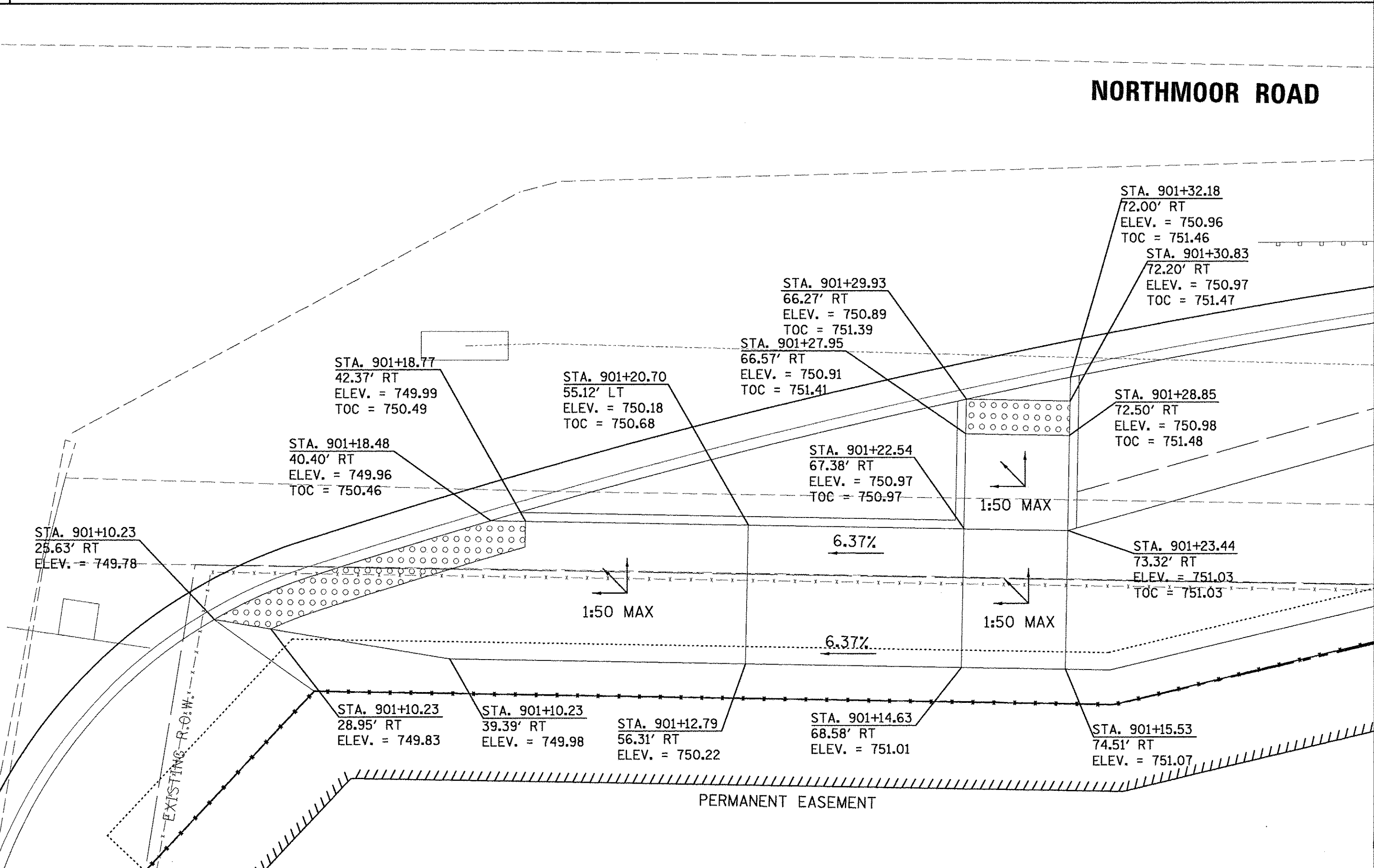
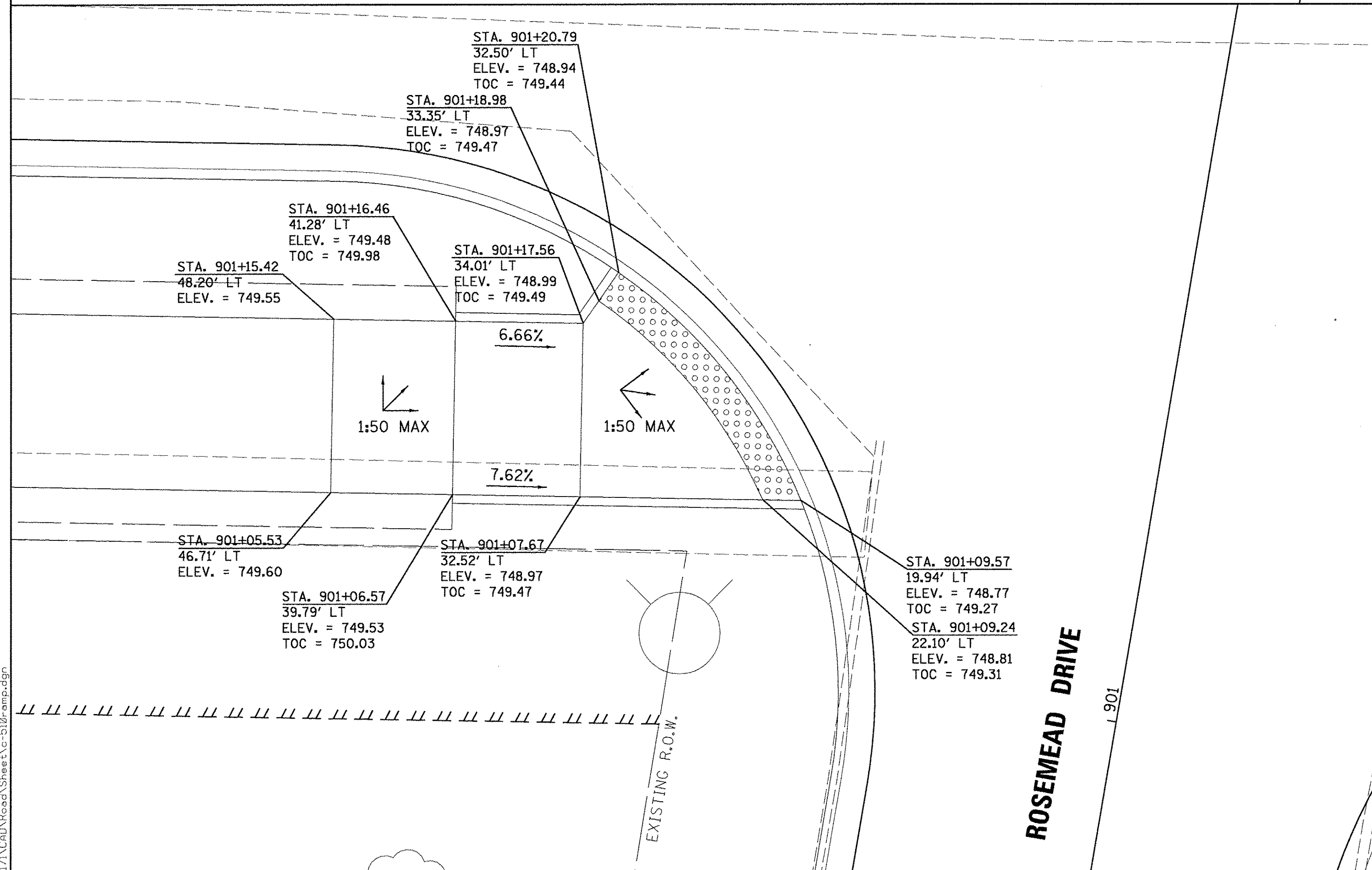
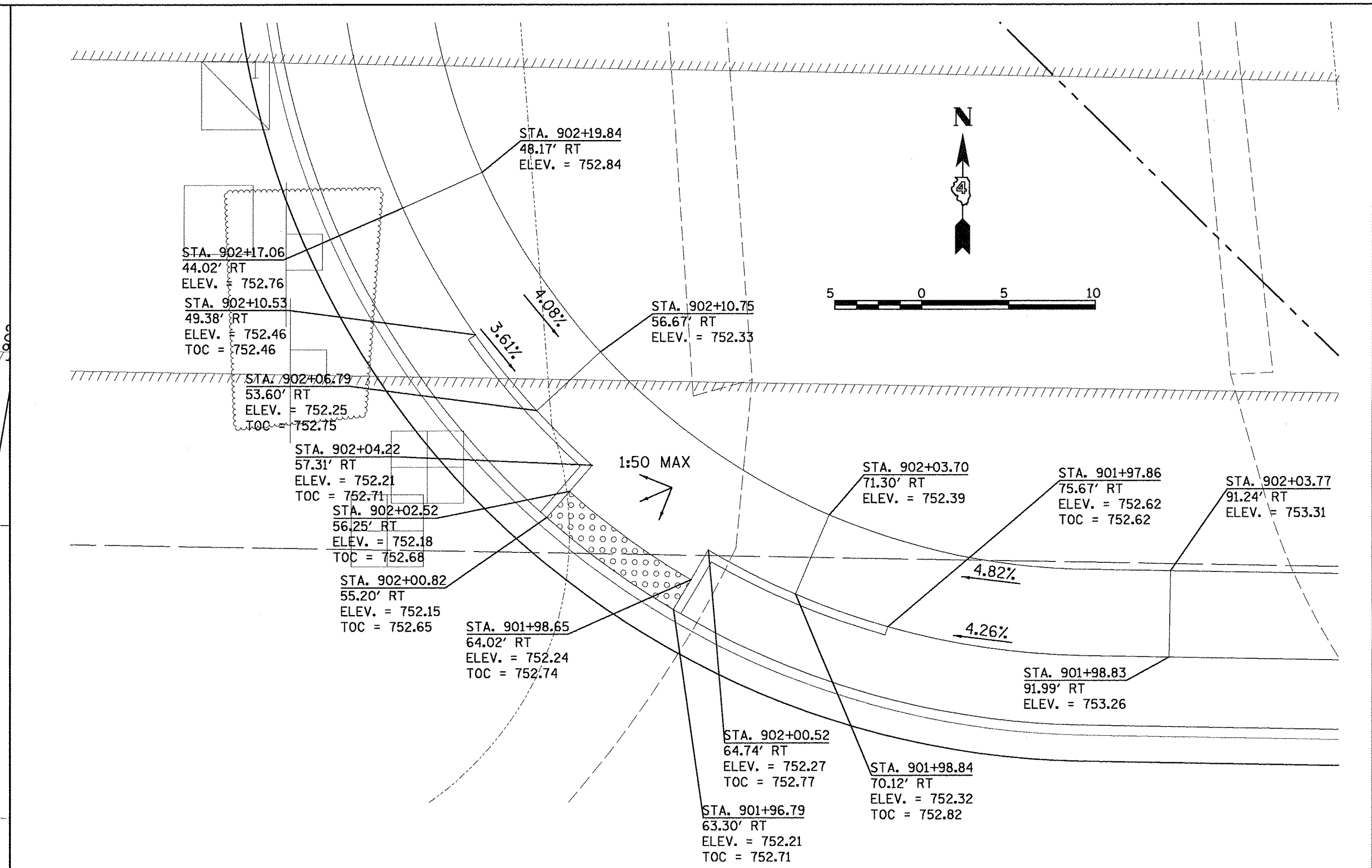
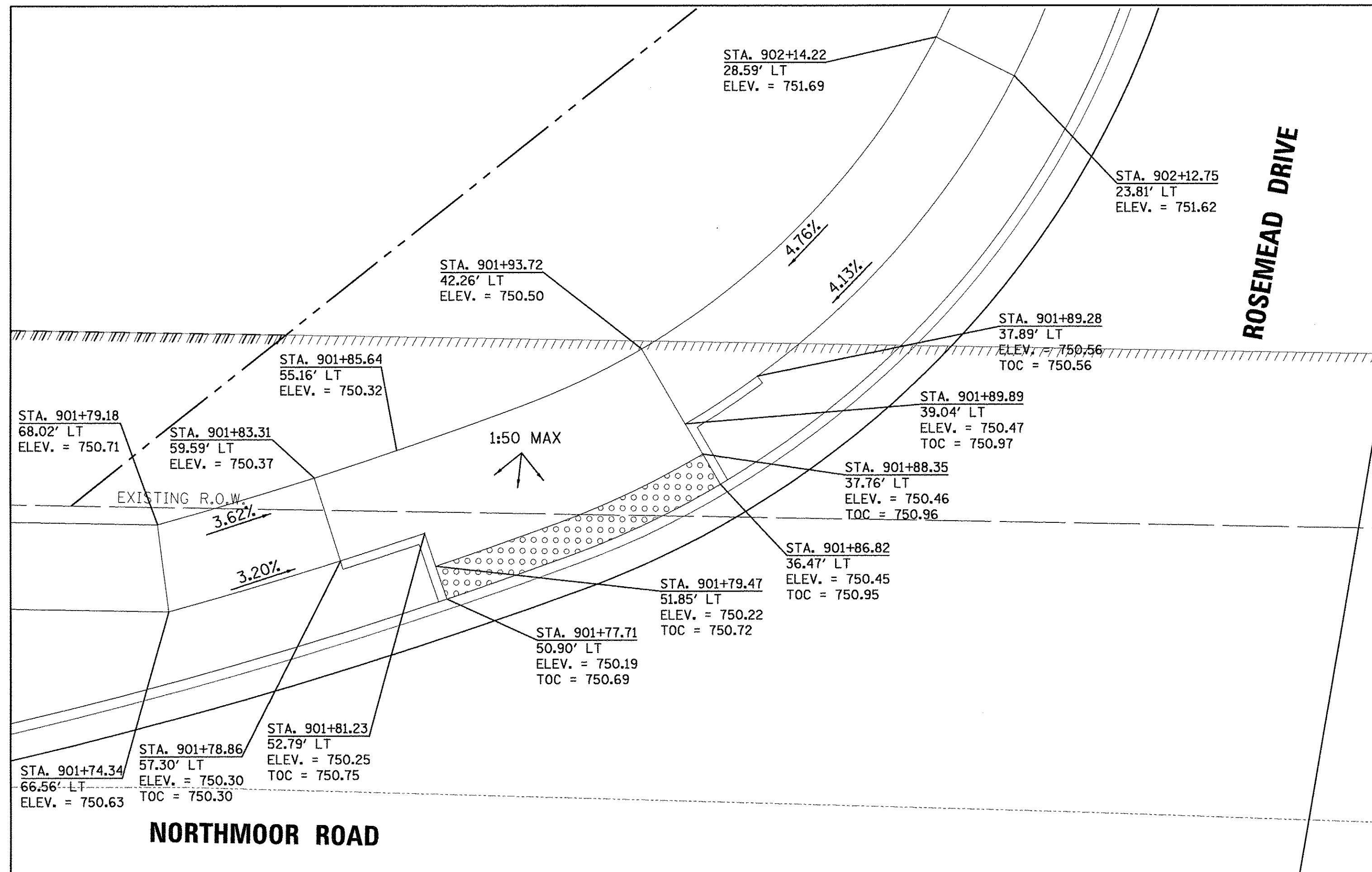
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD AND GRACELAND DRIVE
 SIDEWALK RAMP DETAILS**

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	155
CONTRACT NO.89386				
ILLINOIS FED. AID PROJECT				M-5093(136)



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DATE -	03/22/17

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD AND ROSEMEAD DRIVE
 SIDEWALK RAMP DETAILS**

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	156
CONTRACT NO.89386			ILLINOIS FED. AID PROJECT M-509311361	

NOTE 1:
EXPO ENTRANCE TO BE PAID FOR AS NONPARTICIPATING FUNDS.

SEE NOTE 1

STA. 904+00.23
45.43' LT
ELEV. = 755.19
TOC = 755.19

STA. 903+94.64
39.48' LT
ELEV. = 755.10
TOC = 755.60

STA. 903+95.95
37.97' LT
ELEV. = 755.07
TOC = 755.57

STA. 903+97.27
36.47' LT
ELEV. = 755.04
TOC = 755.54

STA. 903+91.68
32.68' LT
ELEV. = 754.96
TOC = 755.46

STA. 903+90.77
34.45' LT
ELEV. = 754.99
TOC = 755.49

STA. 903+89.85
36.23' LT
ELEV. = 755.02
TOC = 755.52

STA. 903+82.49
33.53' LT
ELEV. = 755.29
TOC = 755.29

STA. 904+85.52
21.08' RT
ELEV. = 757.63

STA. 904+85.52
26.08' RT
ELEV. = 757.71

STA. 904+70.52
21.08' RT
ELEV. = 757.00
TOC = 757.00

STA. 904+70.52
26.08' RT
ELEV. = 757.02
TOC = 757.02

STA. 904+65.52
21.08' RT
ELEV. = 756.80
TOC = 757.30

STA. 904+65.52
26.08' RT
ELEV. = 756.79
TOC = 757.29

STA. 904+63.52
21.08' RT
ELEV. = 756.75
TOC = 757.25

STA. 904+57.31
26.08' RT
ELEV. = 756.66
TOC = 757.16

STA. 904+00.23
45.43' LT
ELEV. = 755.19
TOC = 755.19

STA. 903+94.64
39.48' LT
ELEV. = 755.10
TOC = 755.60

STA. 903+95.95
37.97' LT
ELEV. = 755.07
TOC = 755.57

STA. 903+97.27
36.47' LT
ELEV. = 755.04
TOC = 755.54

STA. 903+91.68
32.68' LT
ELEV. = 754.96
TOC = 755.46

STA. 903+90.77
34.45' LT
ELEV. = 754.99
TOC = 755.49

STA. 903+89.85
36.23' LT
ELEV. = 755.02
TOC = 755.52

STA. 903+82.49
33.53' LT
ELEV. = 755.29
TOC = 755.29

STA. 904+10.56
37.65' RT
ELEV. = 756.10

STA. 904+07.45
33.74' RT
ELEV. = 756.01

STA. 904+01.05
27.73' RT
ELEV. = 755.42

STA. 904+04.99
42.58' RT
ELEV. = 756.17

STA. 903+91.76
22.05' RT
ELEV. = 755.30

STA. 904+02.95
37.72' RT
ELEV. = 756.07

STA. 903+97.36
32.46' RT
ELEV. = 755.48

STA. 903+89.23
27.49' RT
ELEV. = 755.36

STA. 903+81.34
18.59' RT
ELEV. = 755.43

STA. 903+79.68
26.58' RT
ELEV. = 755.51

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REVIEWED	MGD	3/24/17

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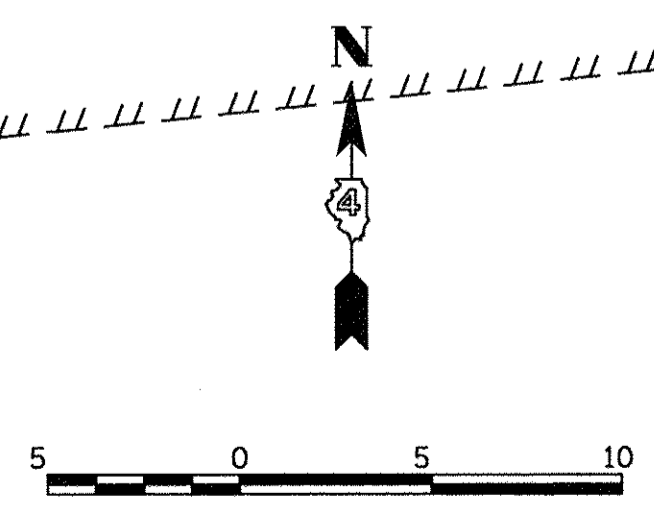
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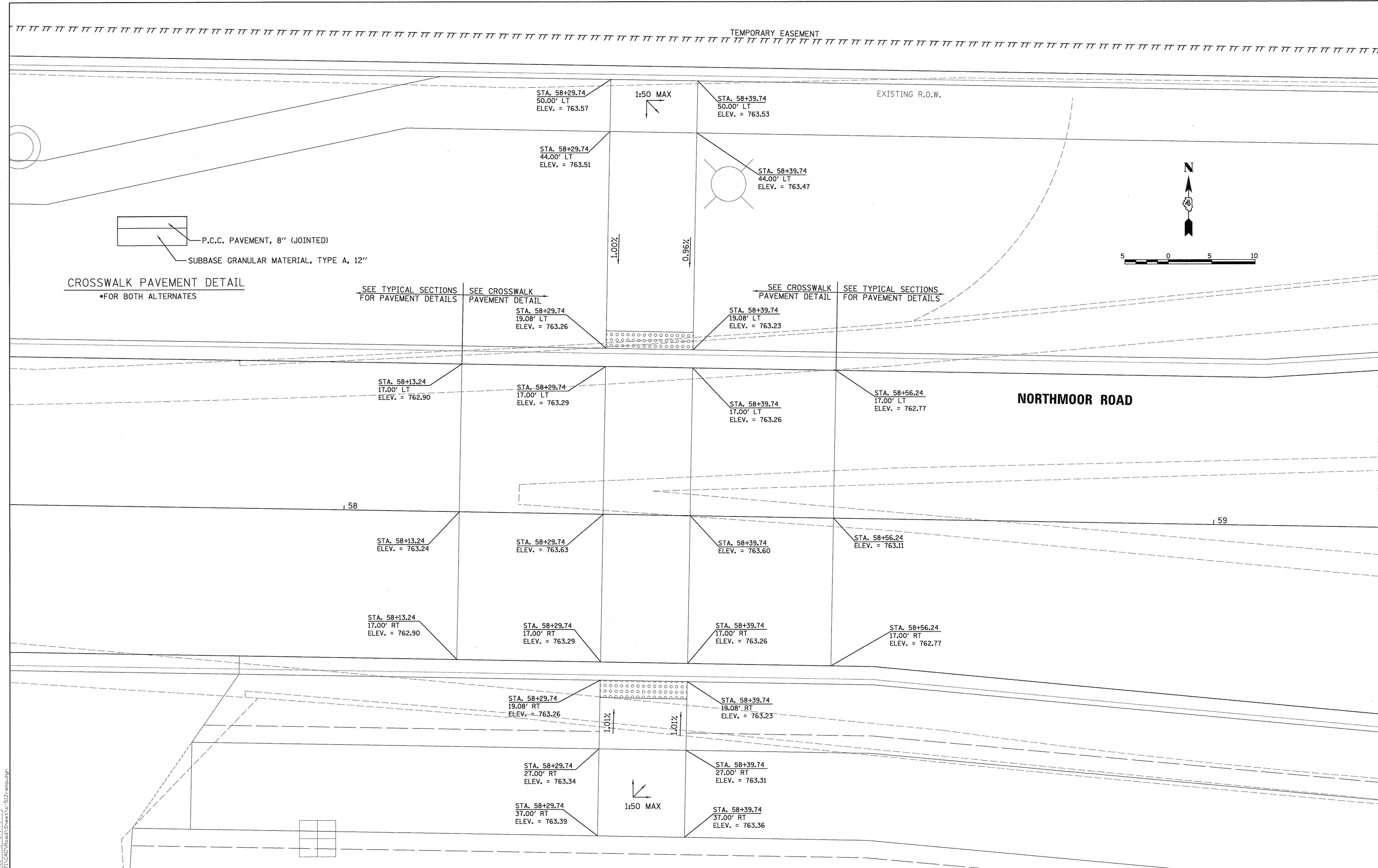
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PR. EXPO GARDENS ENTRANCE AND EDUCATION ROAD
SIDEWALK RAMP DETAILS**
SCALE: 1"=5'
SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	157
CONTRACT NO.89386			ILLINOIS FED. AID PROJECT M-5093(136)	





CROSSWALK PAVEMENT DETAIL
 *FOR BOTH ALTERNATES

SEE TYPICAL SECTIONS FOR PAVEMENT DETAILS

SEE CROSSWALK PAVEMENT DETAIL

SEE CROSSWALK PAVEMENT DETAIL

SEE TYPICAL SECTIONS FOR PAVEMENT DETAILS

NORTHMOOR ROAD

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

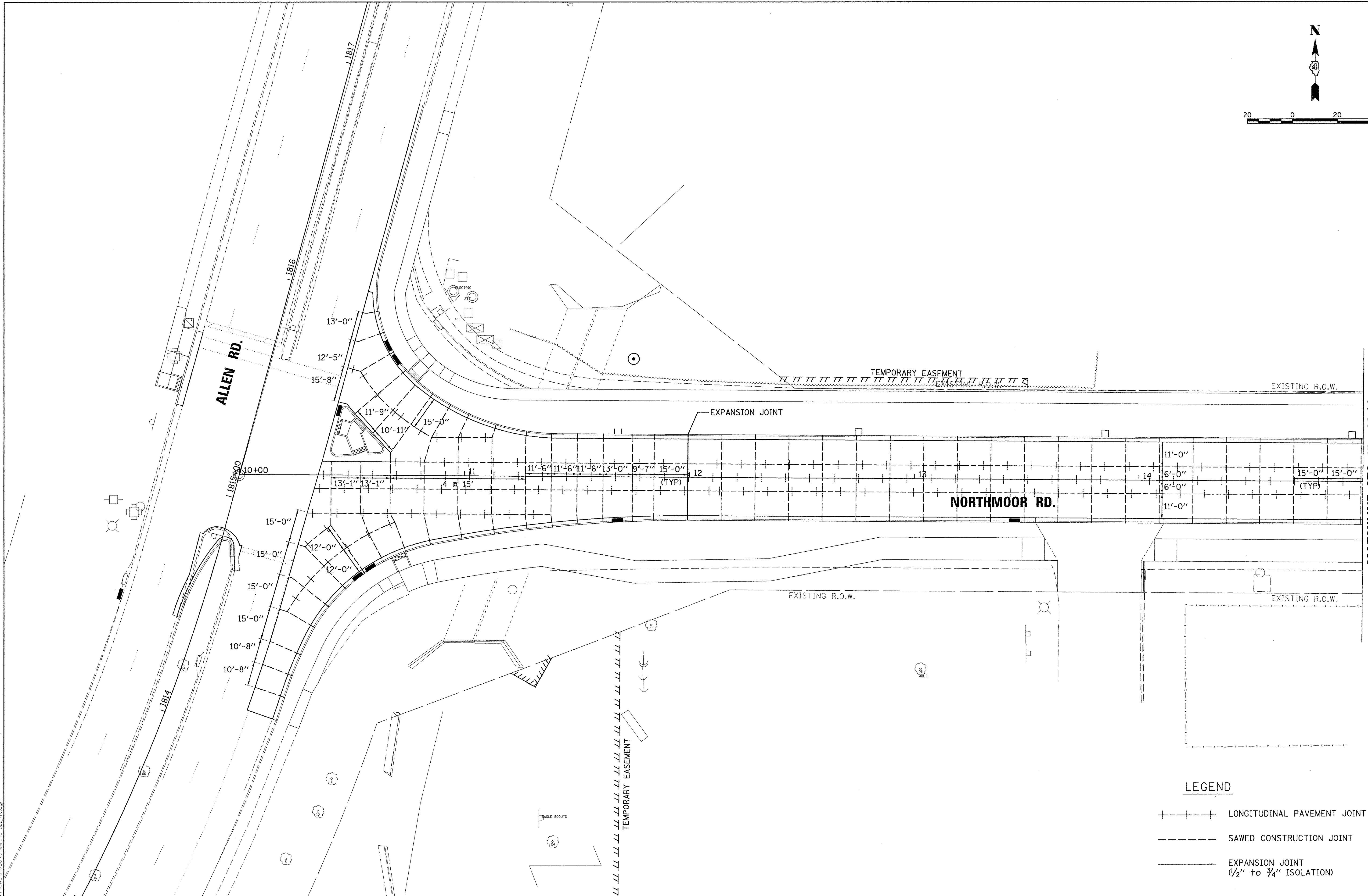
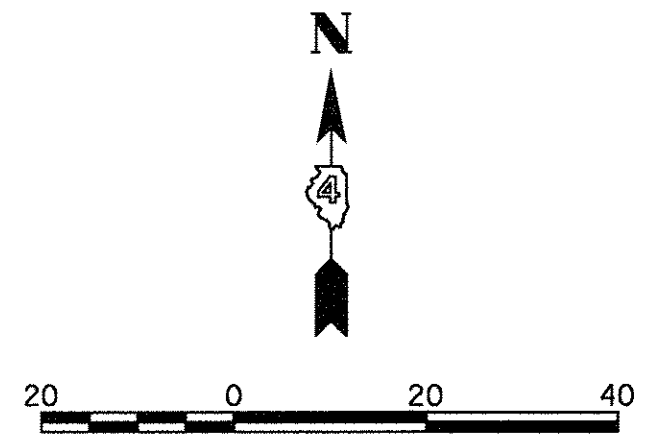
NORTHMOOR ROAD - STA. 58 + 35
RAISED CROSSWALK DETAIL

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	158
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89386	
			M-5093(136)	

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REVIEWED	3/14/17
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LEGEND

---+---+---	LONGITUDINAL PAVEMENT JOINT
----	SAWED CONSTRUCTION JOINT
—	EXPANSION JOINT (1/2" to 3/4" ISOLATION)

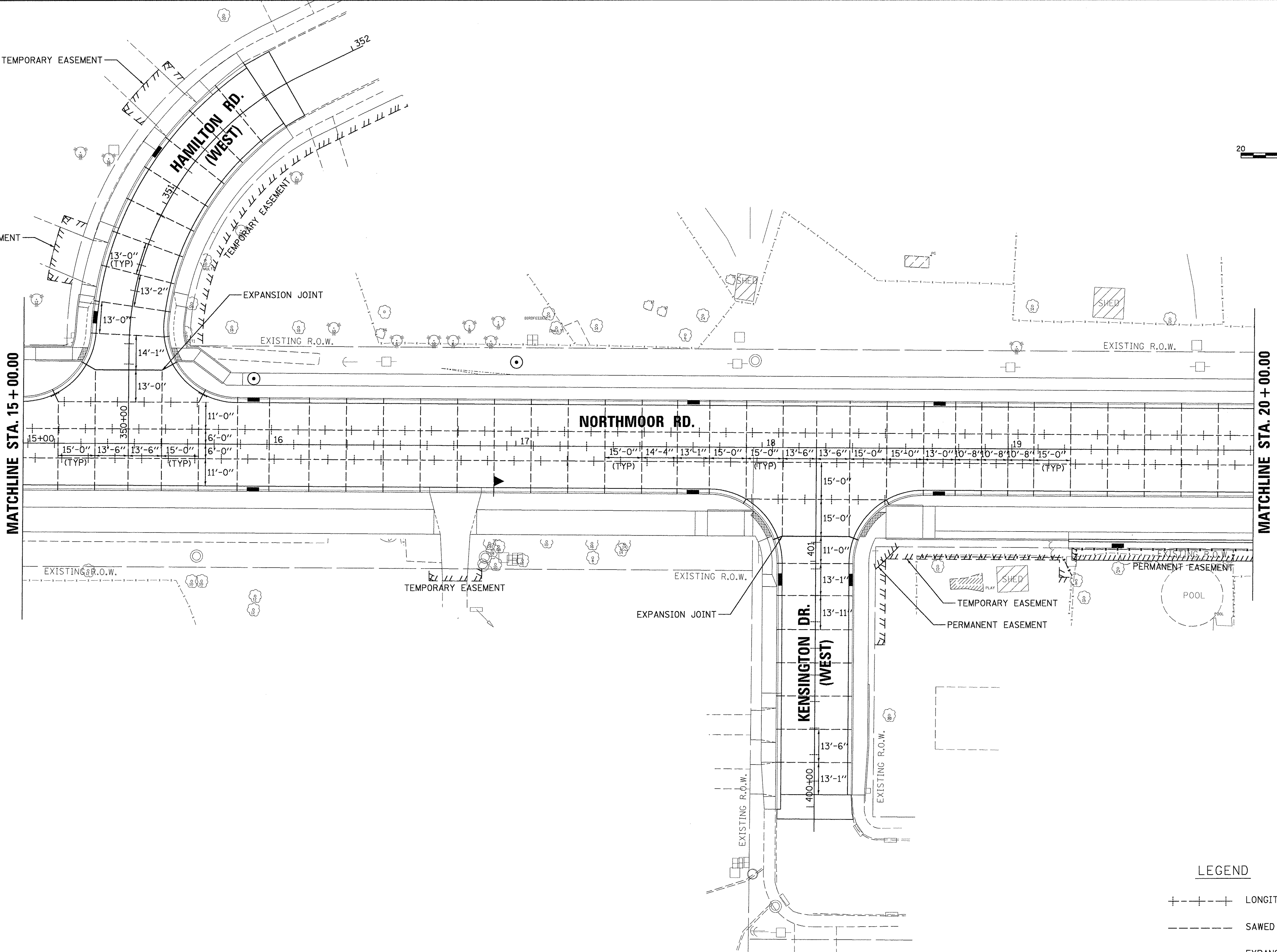
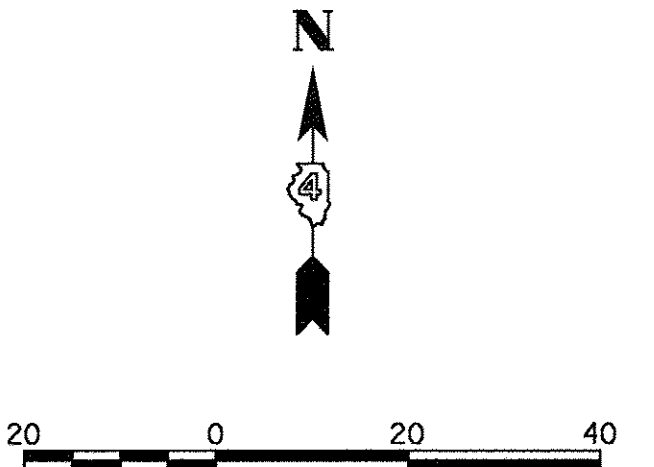
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PLLOT DATE	= 3/22/2017	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD
 JOINTING PLANS**

SCALE: 1"=20' SHEET OF SHEETS STA. 10+00.00 TO STA. 15+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	159
CONTRACT NO.89386			ILLINOIS FED. AID PROJECT M-5093(136)	



LEGEND

	LONGITUDINAL PAVEMENT JOINT
	SAWED CONSTRUCTION JOINT
	EXPANSION JOINT (1/2" to 3/4" ISOLATION)

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REVIEWED	MGD	3/14/17

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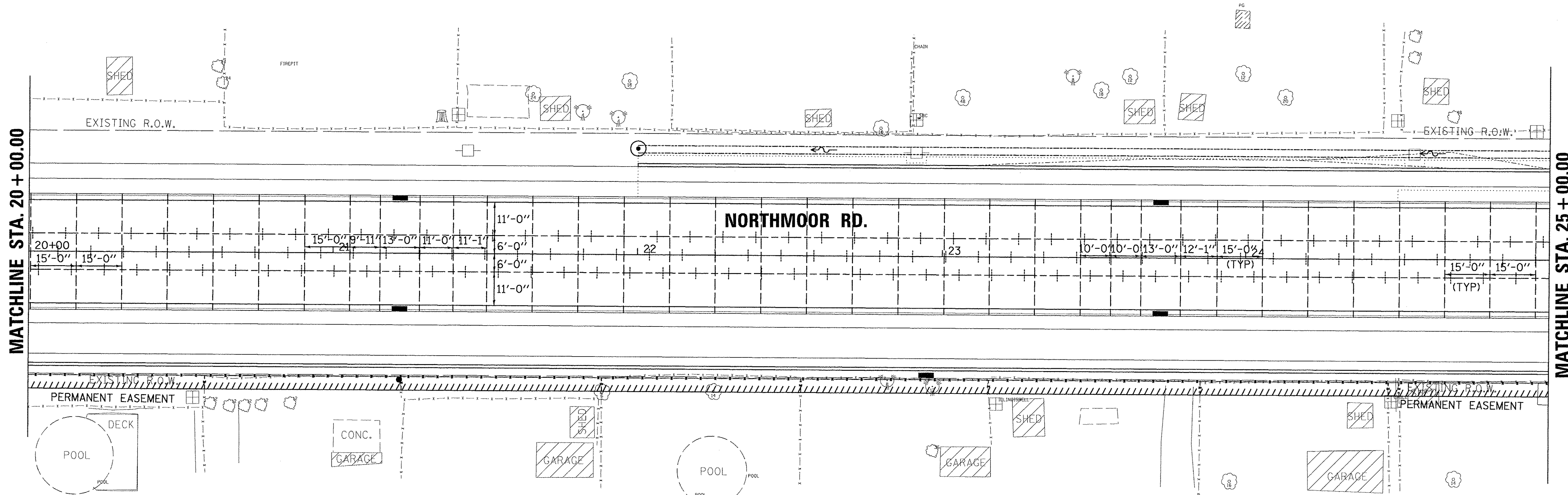
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REVISD -	REVISD -
DATE - 03/22/17	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD
 JOINTING PLANS**

SCALE: 1"=20'
 SHEET OF SHEETS STA. 15+00.00 TO STA. 20+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	160
CONTRACT NO. 89386			[ILLINOIS] FED. AID PROJECT M-50931361	



LEGEND

—+—+—+—	LONGITUDINAL PAVEMENT JOINT
----	SAWED CONSTRUCTION JOINT
— —	EXPANSION JOINT (1/2" to 3/4" ISOLATION)

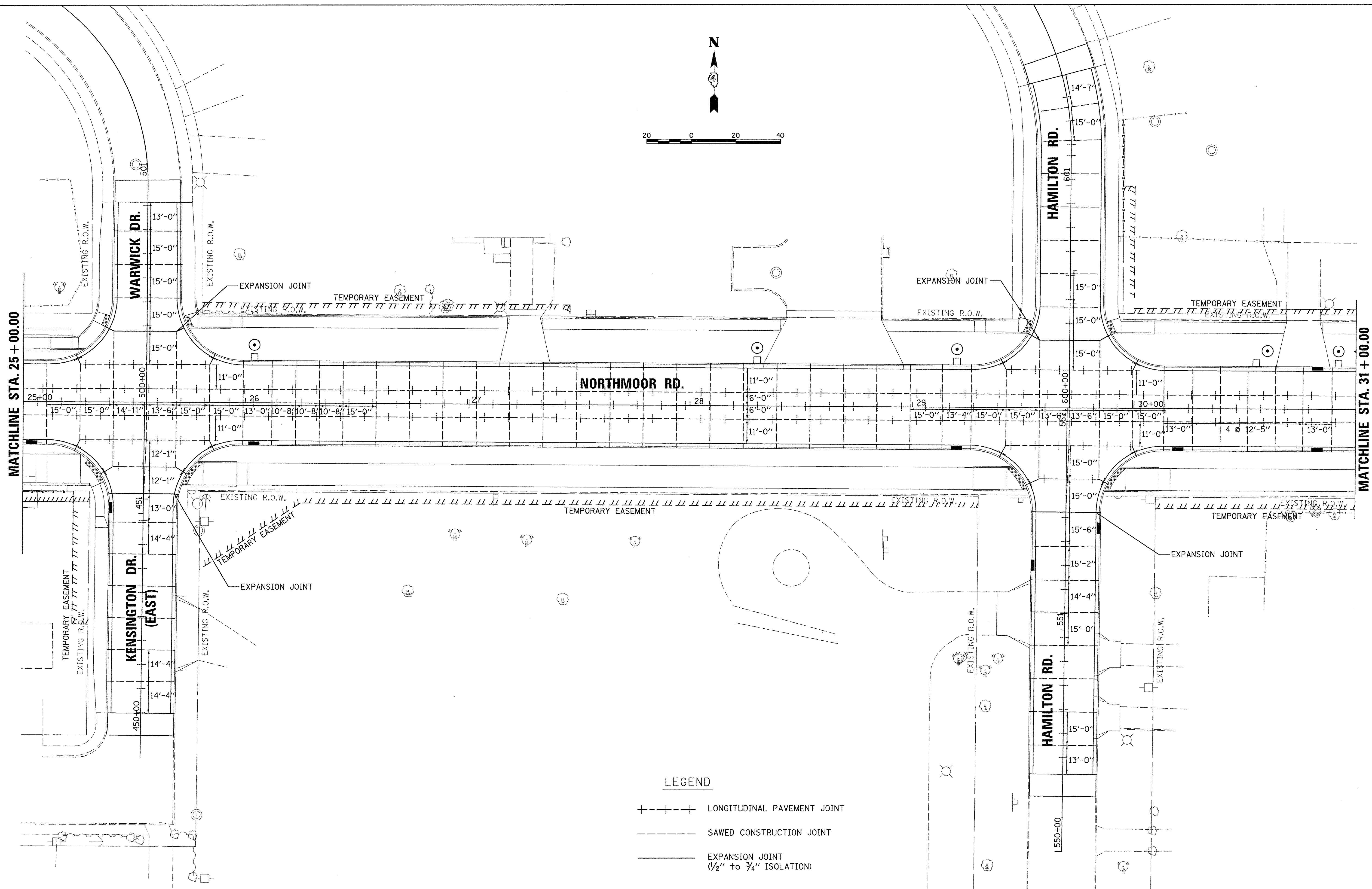
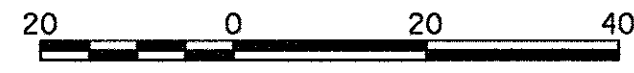
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

NORTHMOOR ROAD JOINTING PLANS	
SCALE: 1"=20'	SHEET OF SHEETS STA. 20+00.00 TO STA. 25+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	161
CONTRACT NO. 89386			ILLINOIS FED. AID PROJECT M-5093(136)	



LEGEND

- +---+---+ LONGITUDINAL PAVEMENT JOINT
- SAWED CONSTRUCTION JOINT
- EXPANSION JOINT
 (1/2" to 3/4" ISOLATION)

LAYOUT	CLS	6/20/15
DRAWN	CLS	6/20/15
REVIEWED	MGD	3/7/17

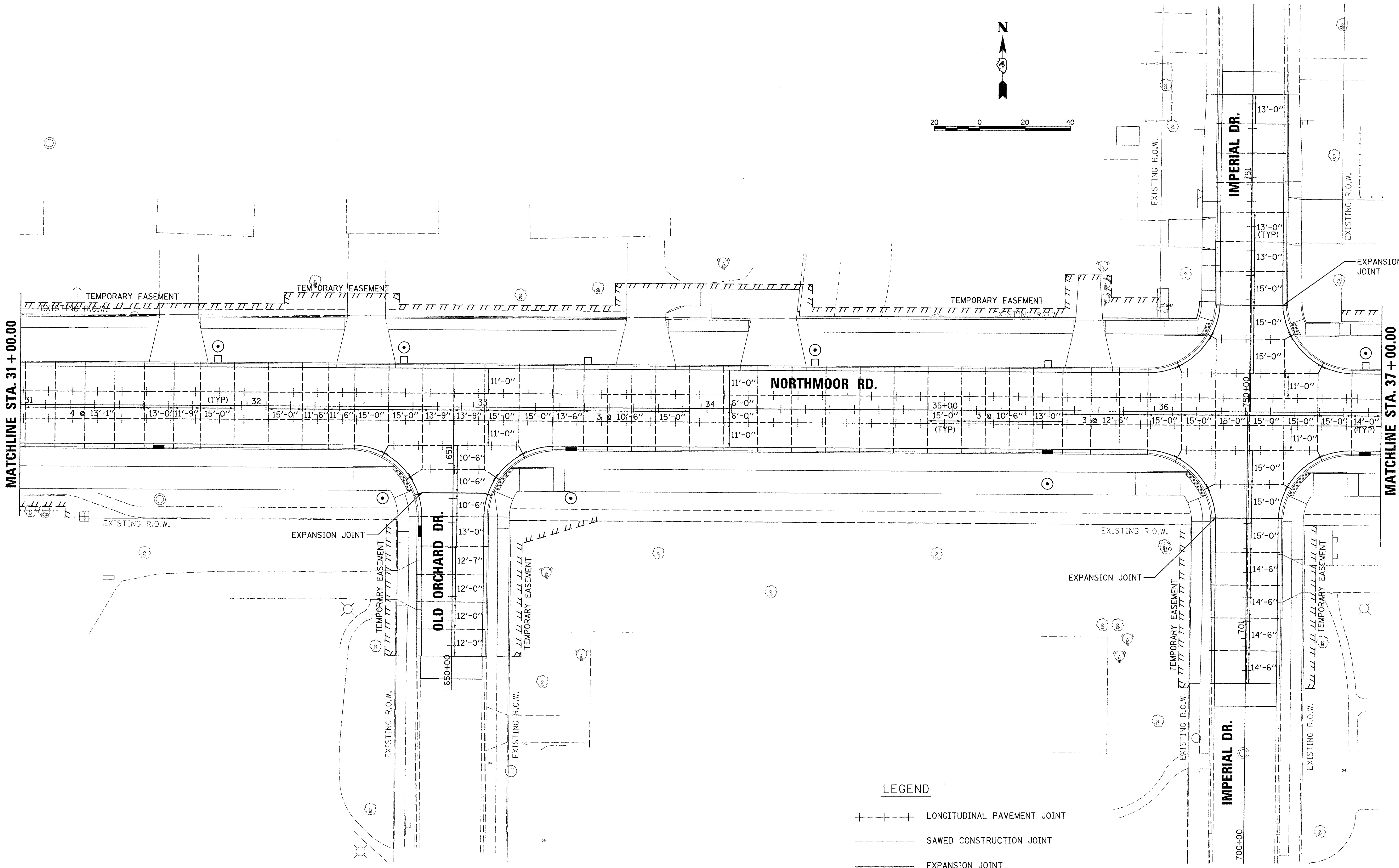
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3/22/2017	03/22/17	MGD	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD
 JOINTING PLANS**

SCALE: 1"=20' SHEET OF SHEETS STA. 25+00.00 TO STA. 31+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	162
CONTRACT NO.89386			ILLINOIS FED. AID PROJECT M-50931361	



LEGEND

- +---+---+ LONGITUDINAL PAVEMENT JOINT
- SAWED CONSTRUCTION JOINT
- EXPANSION JOINT
(1/2" to 3/4" ISOLATION)

LAYOUT	CLS	6/20/15
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REVIEWED	MGD	3/14/17

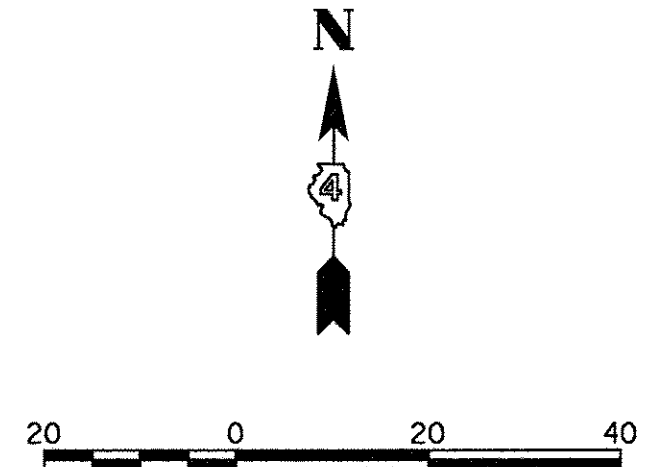
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD
 JOINTING PLANS**

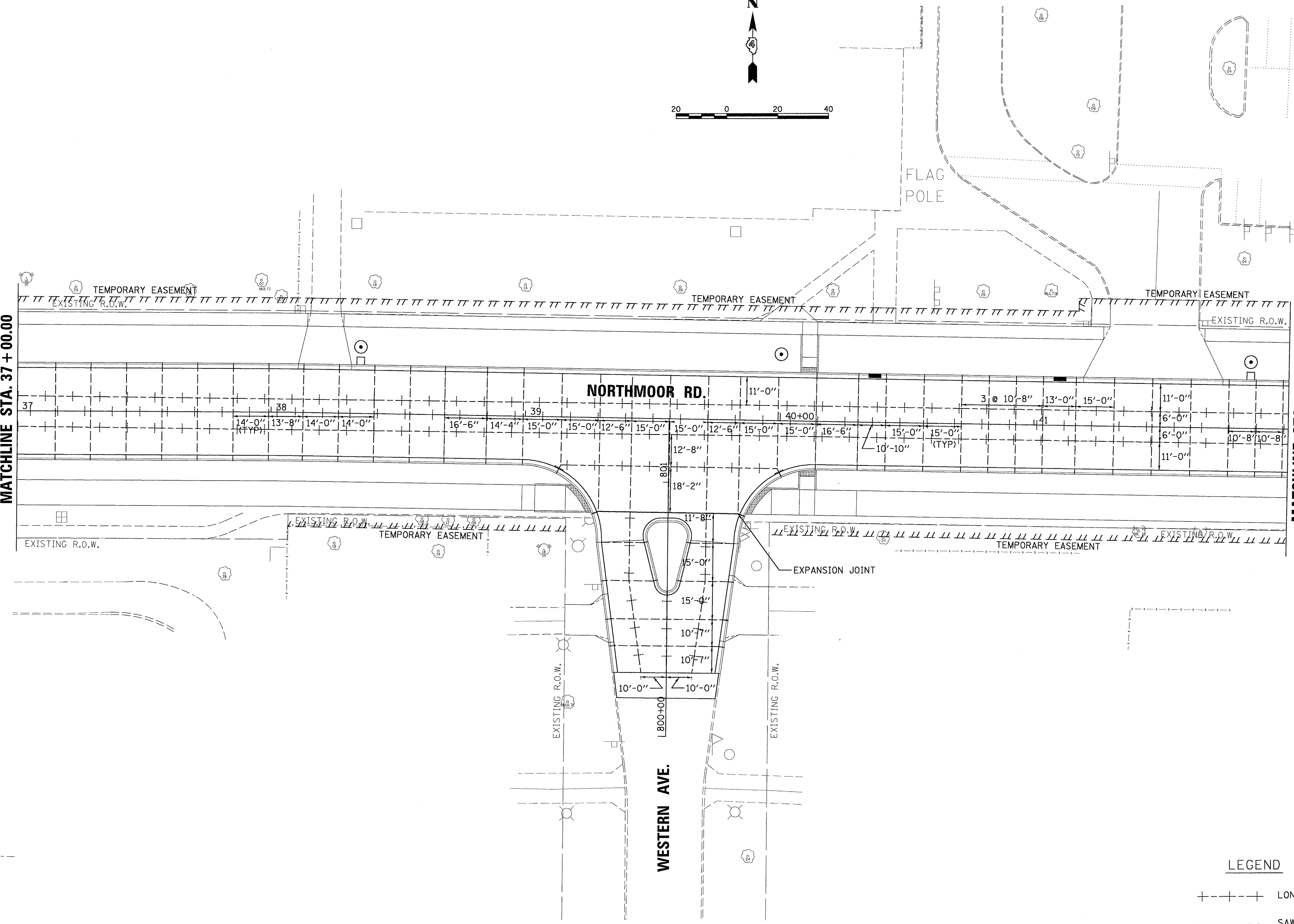
SCALE: 1"=20' SHEET OF SHEETS STA. 31+00.00 TO STA. 37+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	163
CONTRACT NO. 89386			ILLINOIS FED. AID PROJECT M-5093(136)	



MATCHLINE STA. 37 + 00.00

MATCHLINE STA. 42 + 00.00



LEGEND

- +---+---+ LONGITUDINAL PAVEMENT JOINT
- SAWED CONSTRUCTION JOINT
- EXPANSION JOINT
(1/2" to 3/4" ISOLATION)

LAYOUT	CLS	6/20/15
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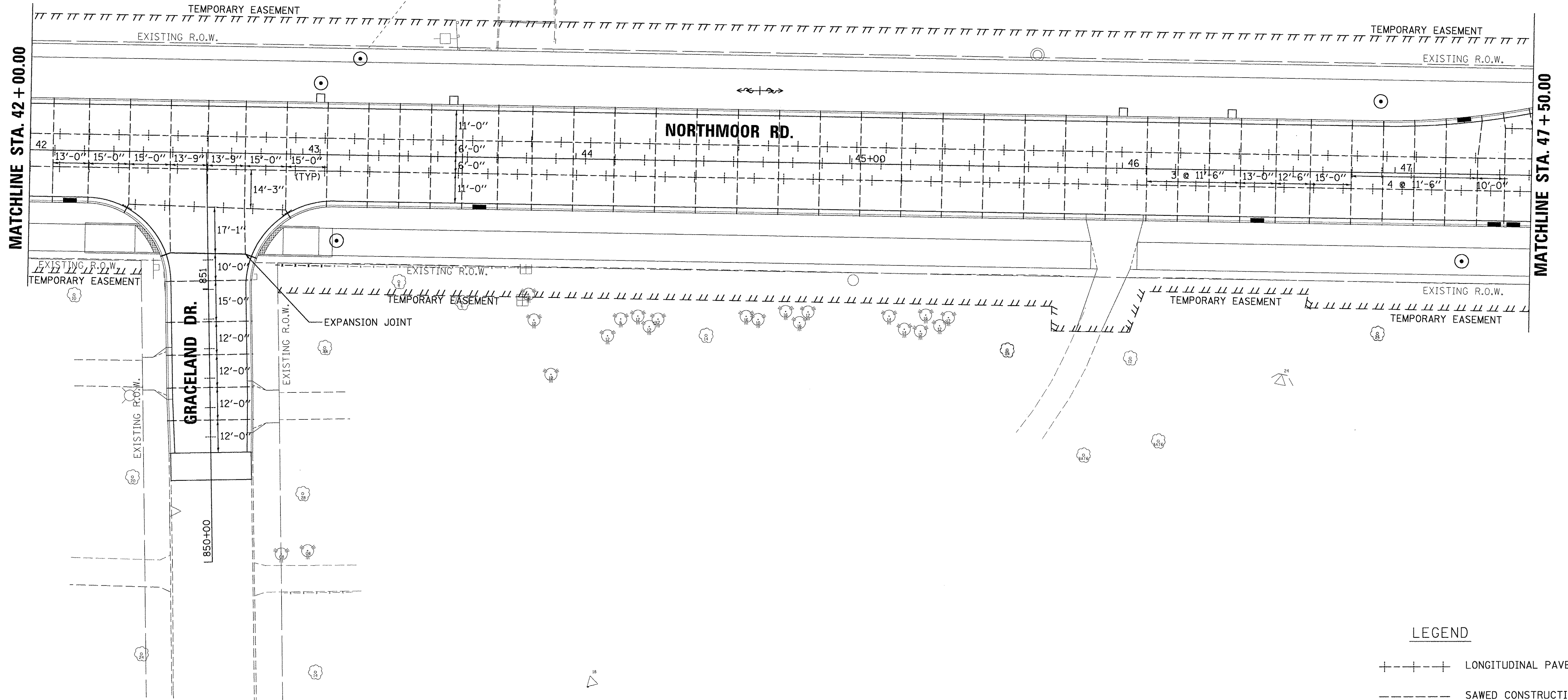
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REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD
 JOINTING PLANS**

SCALE: 1"=20' SHEET OF SHEETS STA. 37+00.00 TO STA. 42+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	164
CONTRACT NO. 89386			ILLINOIS FED. AID PROJECT M-5093(136)	



LEGEND

- +---+--- LONGITUDINAL PAVEMENT JOINT
- SAWED CONSTRUCTION JOINT
- EXPANSION JOINT
(1/2" to 3/4" ISOLATION)

LAYOUT	CLS	6/20/15
DRAWN	CLS	6/20/15
REVIEWED	MGD	3/14/17

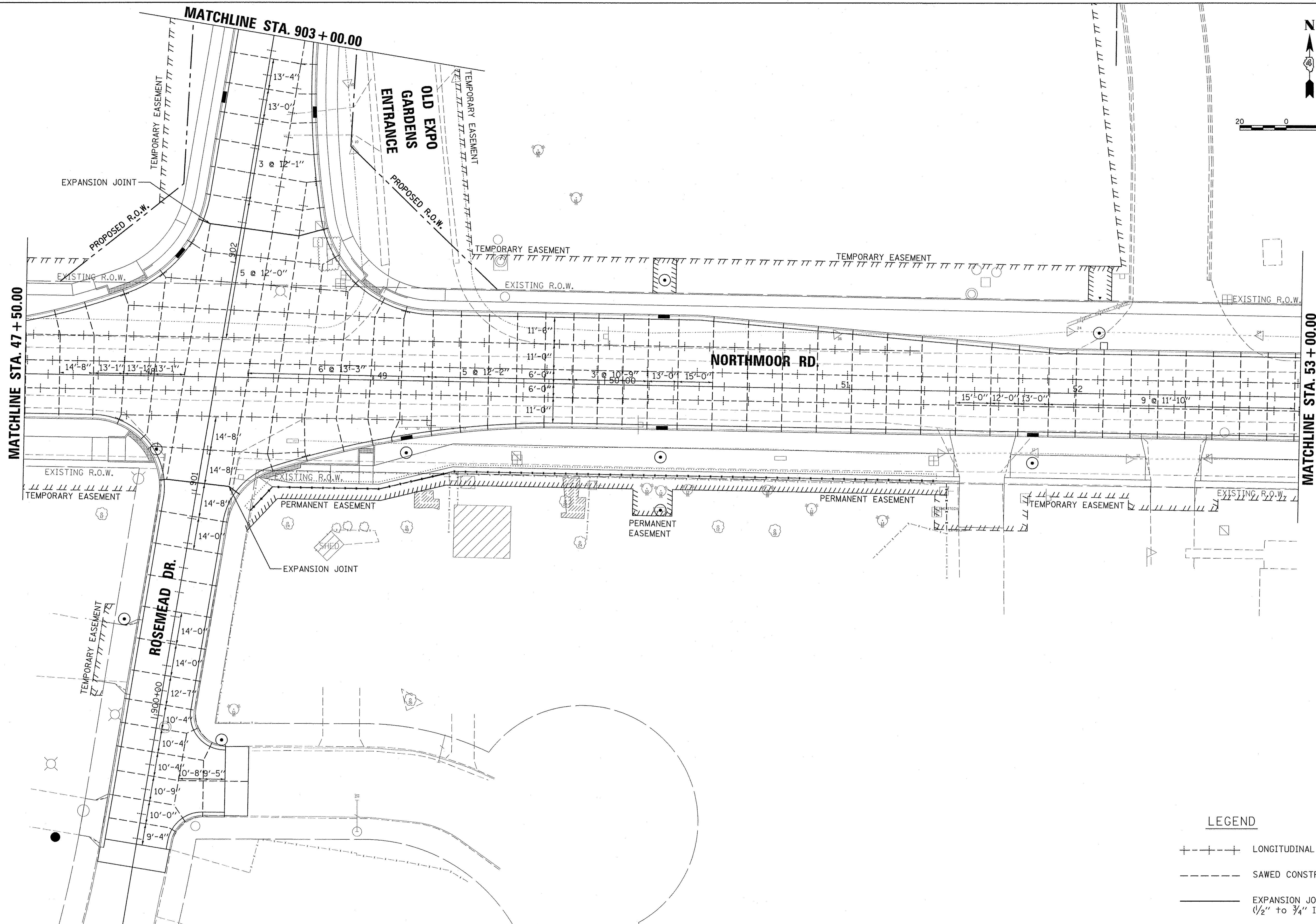
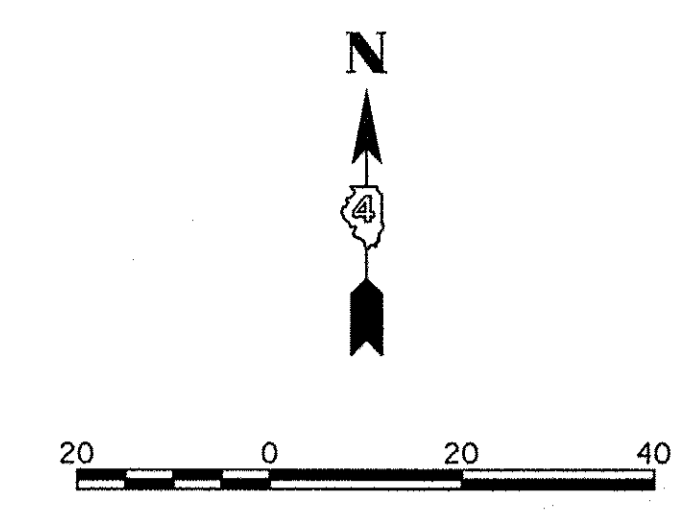
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PLOT SCALE =	20.0000' / in.
PLOT DATE =	3/22/2017

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD
 JOINTING PLANS**

SCALE: 1"=20' SHEET OF SHEETS STA. 42+00.00 TO STA. 47+50.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	165
CONTRACT NO. 89386			ILLINOIS FED. AID PROJECT M-5093(136)	



LEGEND

---+---+---	LONGITUDINAL PAVEMENT JOINT
----	SAWED CONSTRUCTION JOINT
---	EXPANSION JOINT (1/2" to 3/4" ISOLATION)

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DRAWN	CLS	6/20/15
REVIEWED	MCD	3/14/17

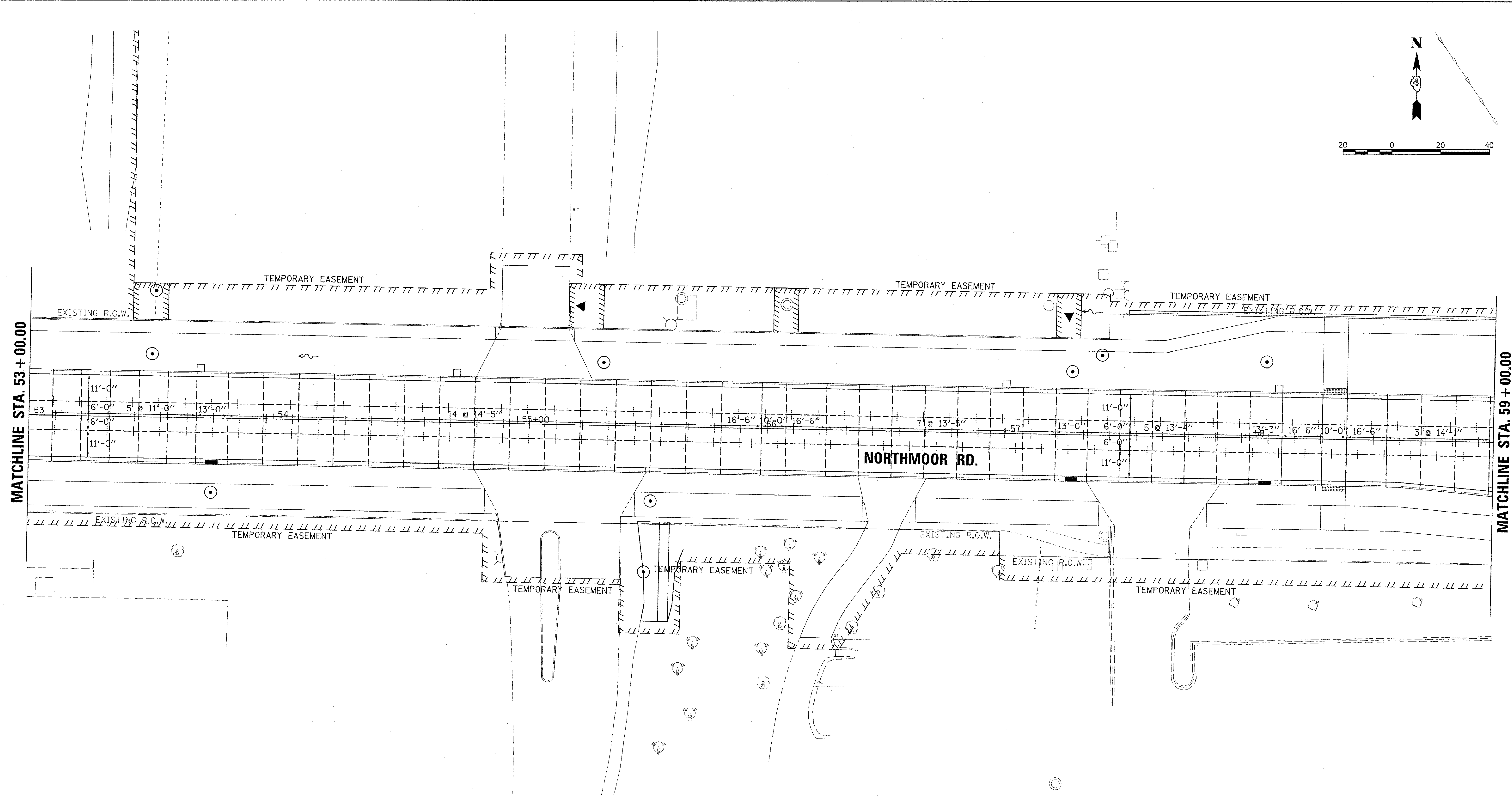
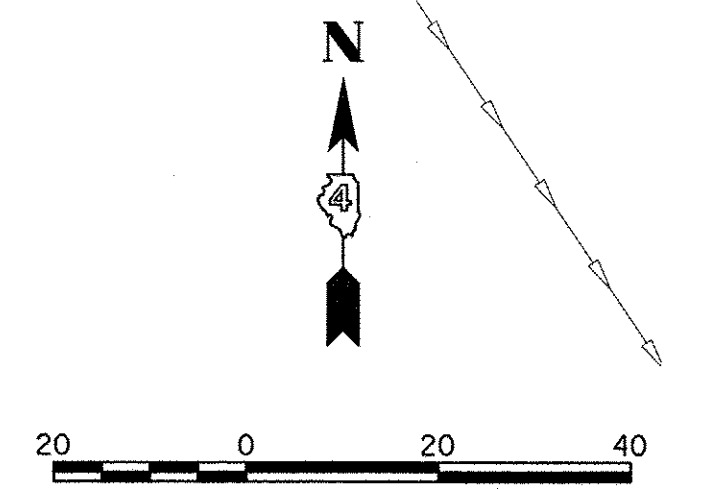
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		DATE - 4/14/17	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD
 JOINTING PLANS**

SCALE: 1"=20' SHEET OF SHEETS STA. 47+50.00 TO STA. 53+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	166
CONTRACT NO. 89386			ILLINOIS FED. AID PROJECT M-5093(136)	



LEGEND

---+---+---	LONGITUDINAL PAVEMENT JOINT
-----	SAWED CONSTRUCTION JOINT
=====	EXPANSION JOINT (1/2" to 3/4" ISOLATION)

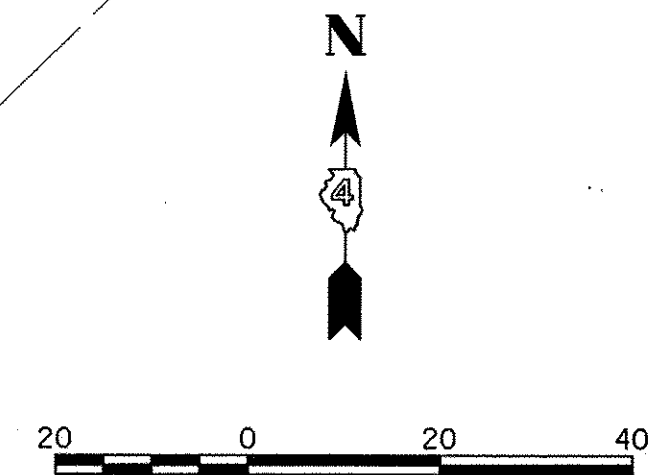
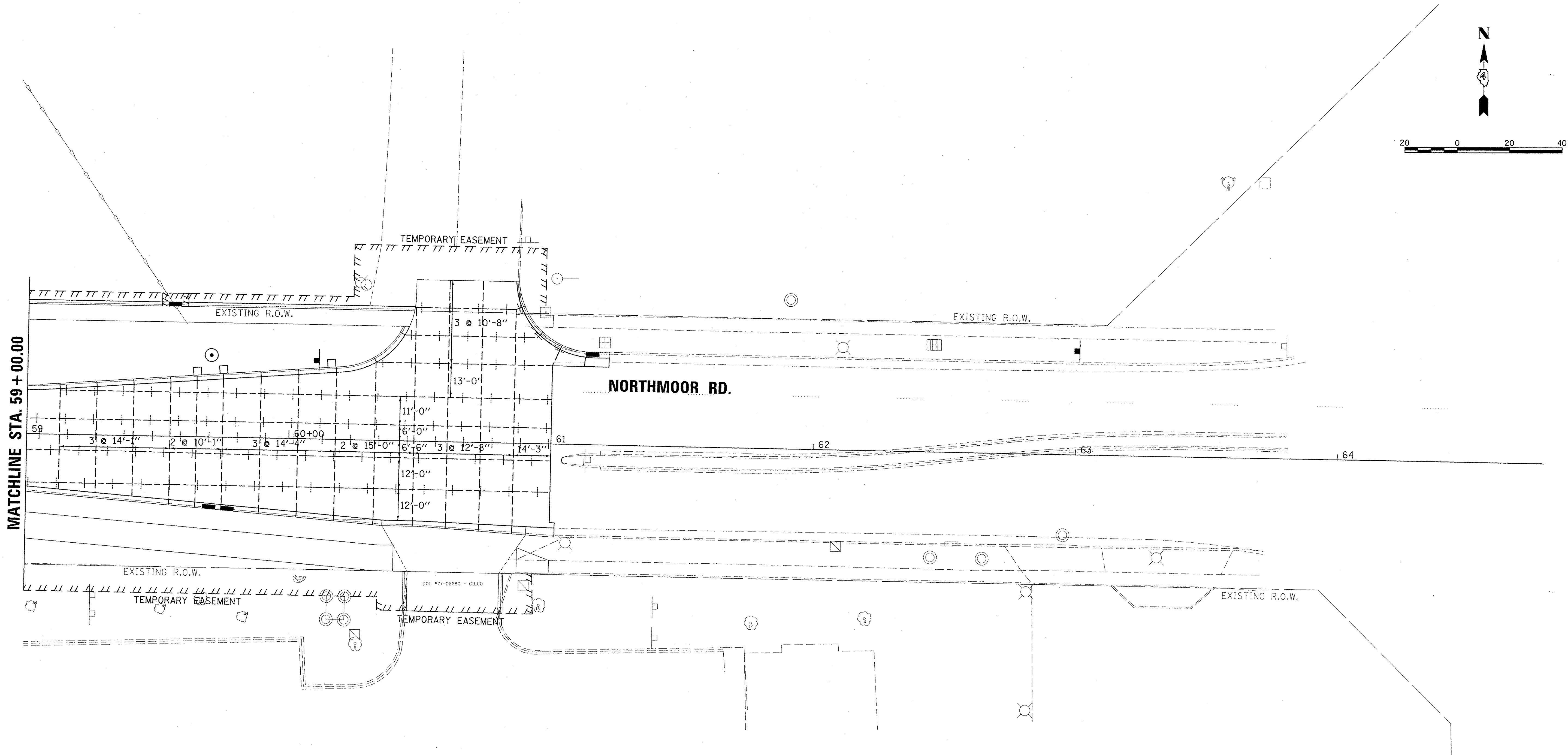
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REVIEWED	MGD	3/14/17

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

NORTHMOOR ROAD JOINTING PLANS	
SCALE: 1"=20'	SHEET OF SHEETS
STA. 53+00.00 TO STA. 59+00.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	167
CONTRACT NO.89386			ILLINOIS FED. AID PROJECT M-5093(136)	



LEGEND

- +---+ LONGITUDINAL PAVEMENT JOINT
- SAWED CONSTRUCTION JOINT
- EXPANSION JOINT
(1/2" to 3/4" ISOLATION)

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DRAWN	CLS	6/20/15
REVIEWED	MGD	3/14/17

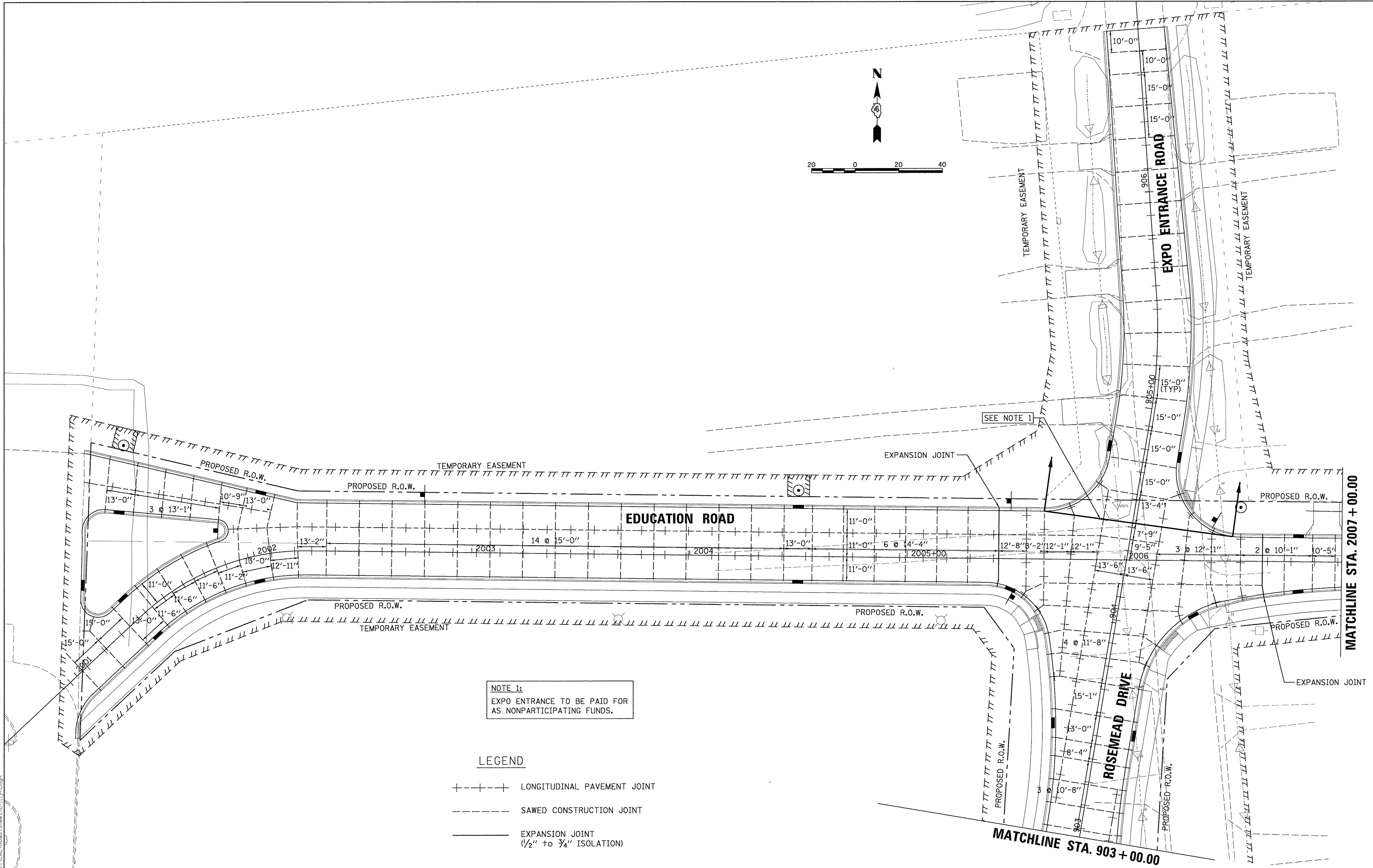
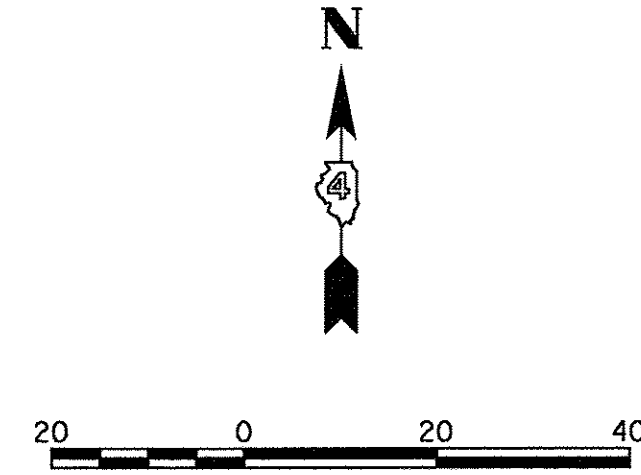
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		DATE -	REVISED -
		4/14/17	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD
 JOINTING PLANS**

SCALE: 1"=20' SHEET OF SHEETS STA. 59+00.00 TO STA. 63+00.00

F.A.I.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	168
CONTRACT NO. 89386				
ILLINOIS FED. AID PROJECT M-5093(136)				



NOTE 1:
 EXPO ENTRANCE TO BE PAID FOR
 AS NONPARTICIPATING FUNDS.

LEGEND

- +---+--- LONGITUDINAL PAVEMENT JOINT
- SAWED CONSTRUCTION JOINT
- EXPANSION JOINT
 (1/2" to 3/4" ISOLATION)

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DRAWN	RLA	2/24/15
REVIEWED	MGD	3/14/17

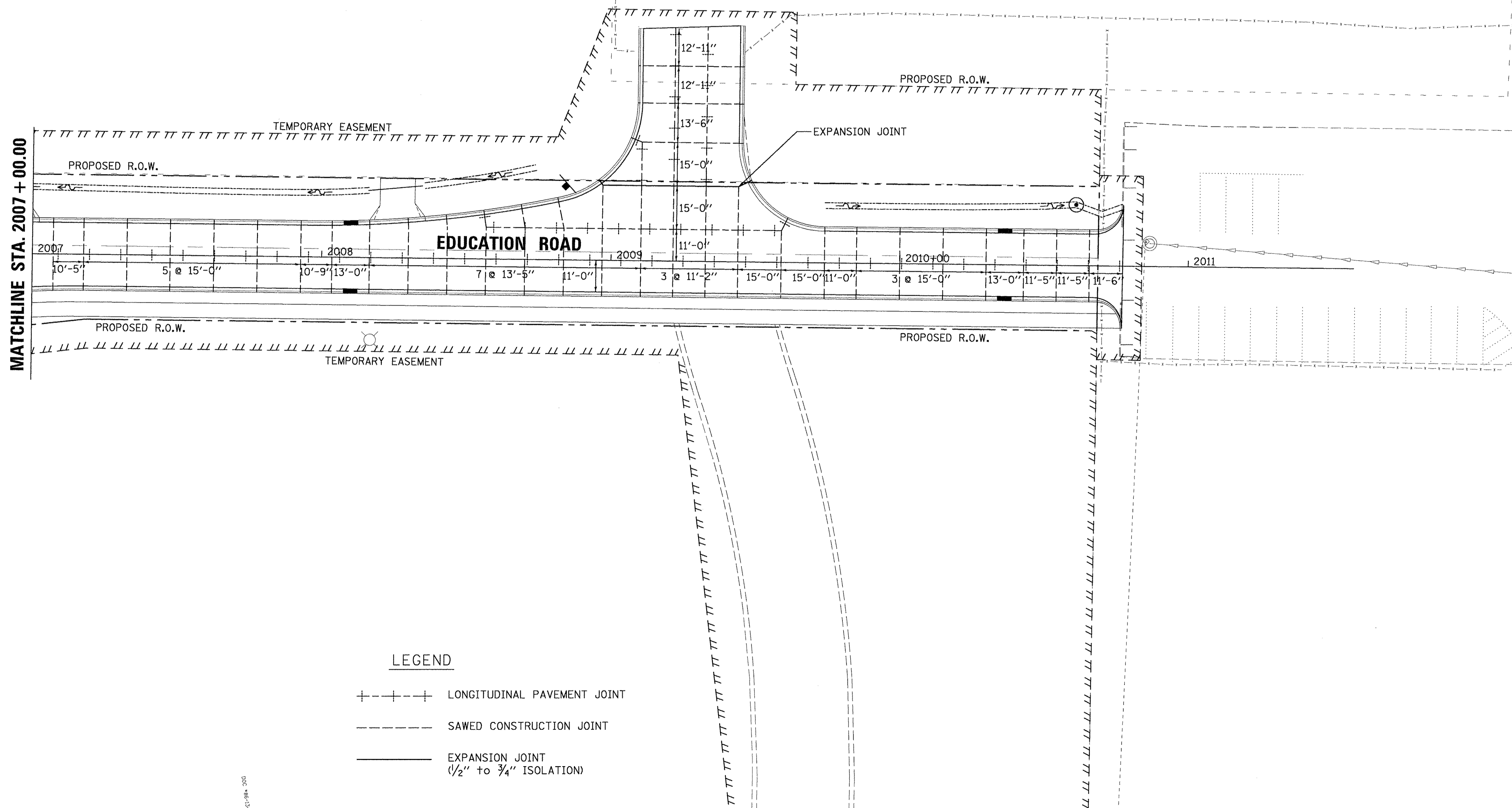
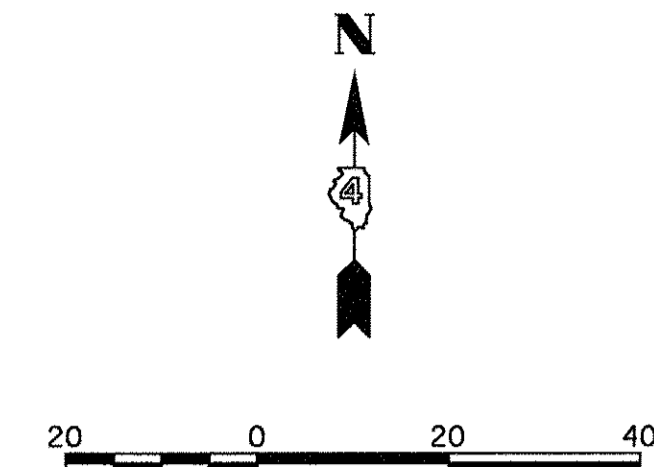
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		DATE - 03/22/17	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EDUCATION ROAD
 JOINTING PLANS**

SCALE: 1"=20' SHEET OF SHEETS STA. 2000+92.53 TO STA. 2007+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	169
ILLINOIS FED. AID PROJECT			CONTRACT NO.89386 M-5093(136)	



LEGEND

- +---+---+ LONGITUDINAL PAVEMENT JOINT
- SAWED CONSTRUCTION JOINT
- EXPANSION JOINT
(1/2" to 3/4" ISOLATION)

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

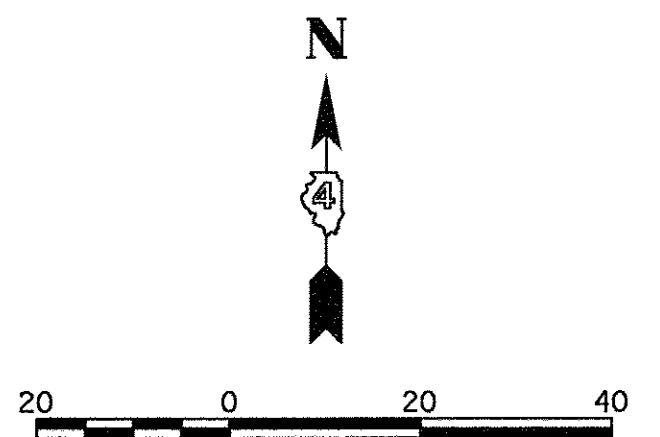
**EDUCATION ROAD
 JOINTING PLANS**

SCALE: 1"=20' SHEET OF SHEETS STA. 2007+00.00 TO STA. 2010+77.32

F.A.U. RTE. 6647	SECTION 05-00302-00-PV	COUNTY PEORIA	TOTAL SHEETS 385	SHEET NO. 170
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89386 M-5093(136)	

LEGEND

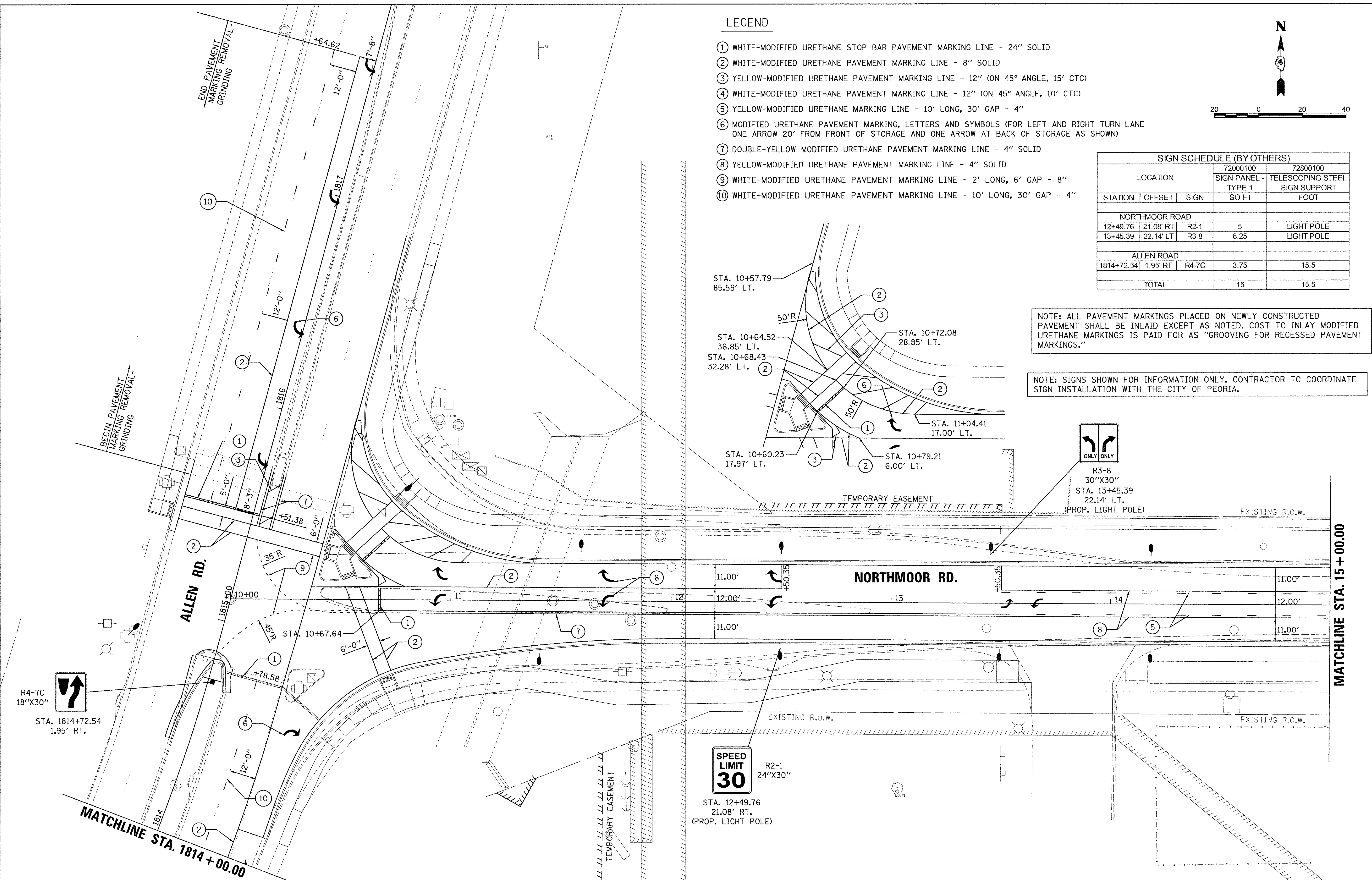
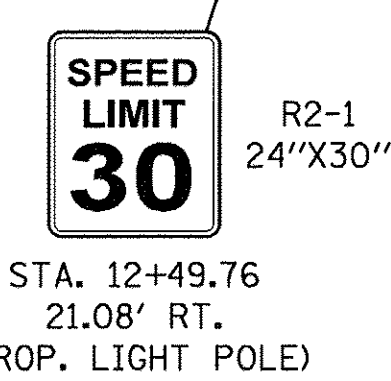
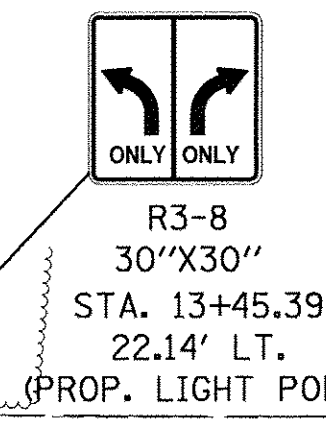
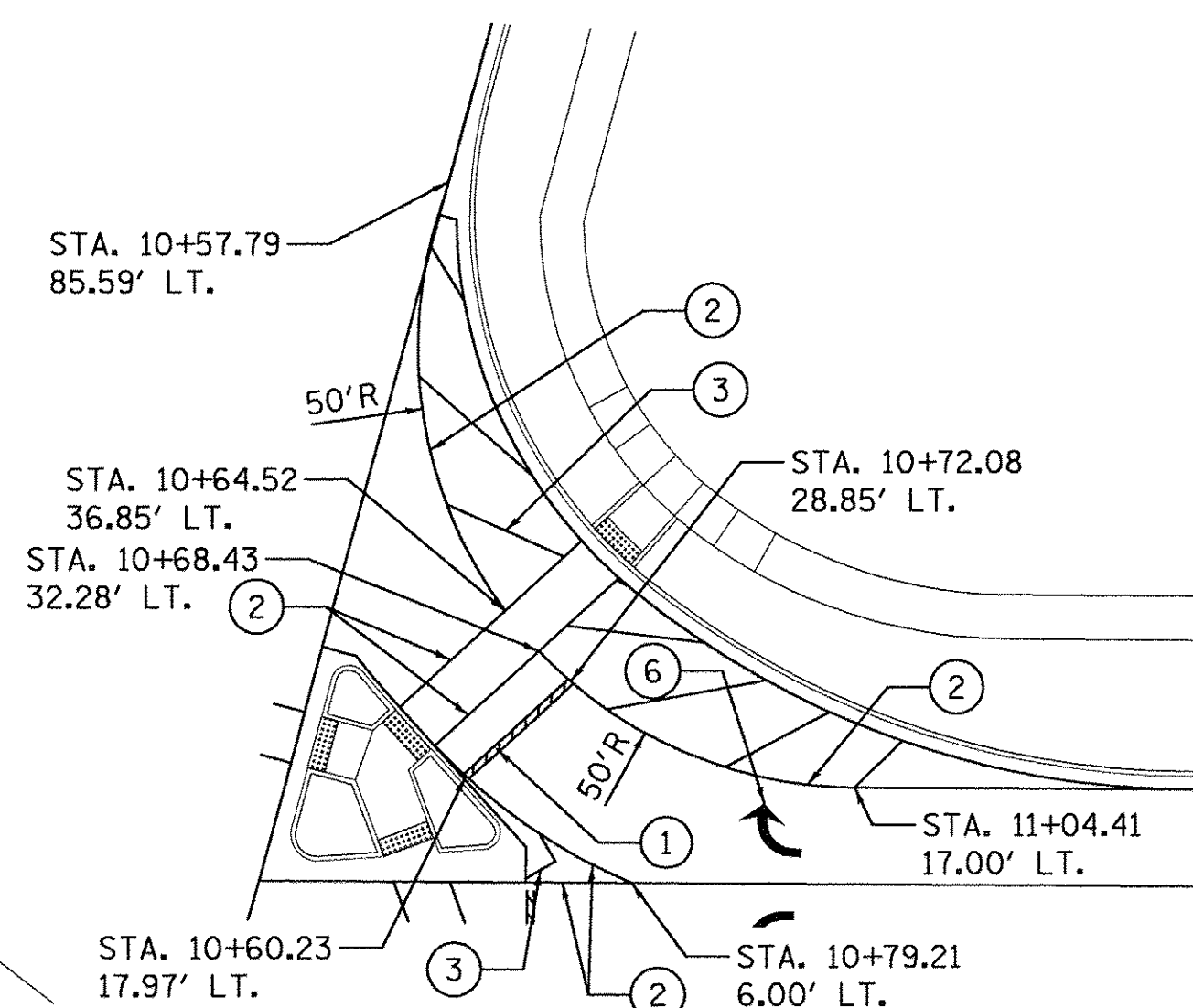
- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 15' CTC)
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 10' CTC)
- ⑤ YELLOW-MODIFIED URETHANE MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑥ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW AT BACK OF STORAGE AS SHOWN)
- ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑩ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"



SIGN SCHEDULE (BY OTHERS)				
LOCATION		72000100	72800100	
STATION	OFFSET	SIGN	SIGN PANEL TYPE 1 SQ. FT.	TELESCOPING STEEL SIGN SUPPORT FOOT
NORTHMOOR ROAD				
12+49.76	21.08' RT	R2-1	5	LIGHT POLE
13+45.39	22.14' LT	R3-8	6.25	LIGHT POLE
ALLEN ROAD				
1814+72.54	1.95' RT	R4-7C	3.75	15.5
TOTAL			15	15.5

NOTE: ALL PAVEMENT MARKINGS PLACED ON NEWLY CONSTRUCTED PAVEMENT SHALL BE INLAID EXCEPT AS NOTED. COST TO INLAY MODIFIED URETHANE MARKINGS IS PAID FOR AS "GROOVING FOR RECESSED PAVEMENT MARKINGS."

NOTE: SIGNS SHOWN FOR INFORMATION ONLY. CONTRACTOR TO COORDINATE SIGN INSTALLATION WITH THE CITY OF PEORIA.



LAYOUT	DLC	2/24/15
DRAWN	RLA	2/24/15
REVIEWED	MCD	3/14/17

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

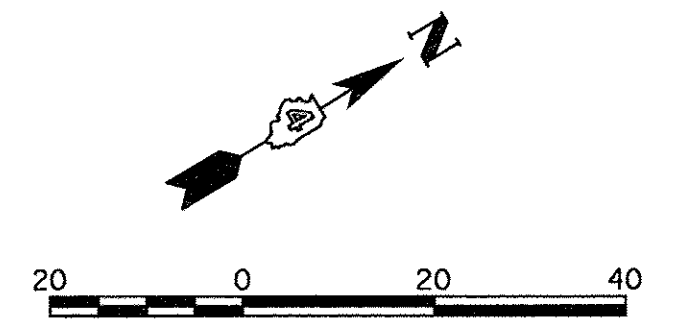
NORTHMOOR ROAD
PAVEMENT MARKING AND SIGNAGE PLANS

SCALE: 1"=20' SHEET OF SHEETS STA. 10+00.00 TO STA. 15+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	171
CONTRACT NO. 89386			ILLINOIS FED. AID PROJECT M-5093(136)	

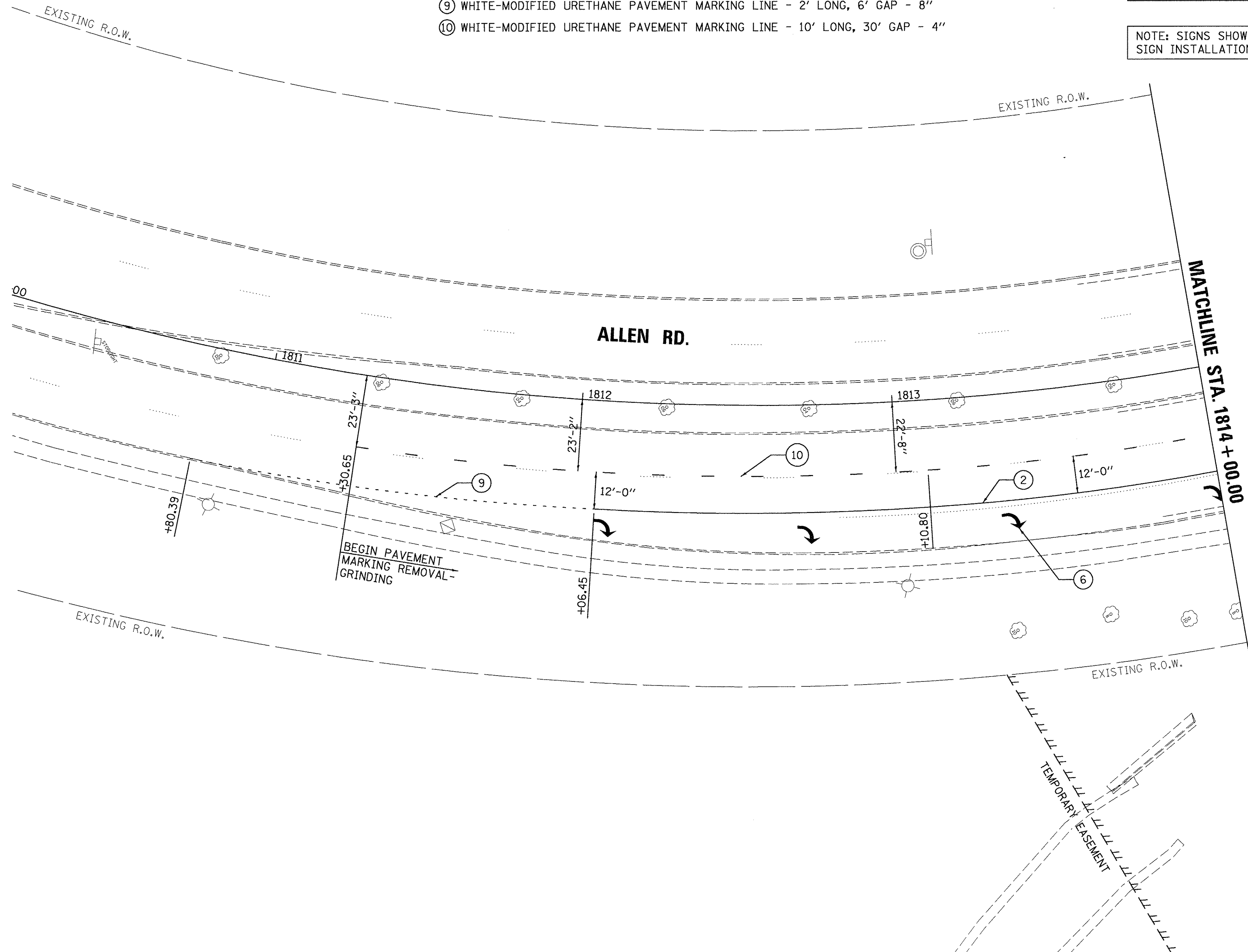
LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 15' CTC)
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 10' CTC)
- ⑤ YELLOW-MODIFIED URETHANE MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑥ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW AT BACK OF STORAGE AS SHOWN)
- ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑩ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"



NOTE: ALL PAVEMENT MARKINGS PLACED ON NEWLY CONSTRUCTED PAVEMENT SHALL BE INLAID EXCEPT AS NOTED. COST TO INLAY MODIFIED URETHANE MARKINGS IS PAID FOR AS "GROOVING FOR RECESSED PAVEMENT MARKINGS."

NOTE: SIGNS SHOWN FOR INFORMATION ONLY. CONTRACTOR TO COORDINATE SIGN INSTALLATION WITH THE CITY OF PEORIA.



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REVIEWED	MCD	3/24/17

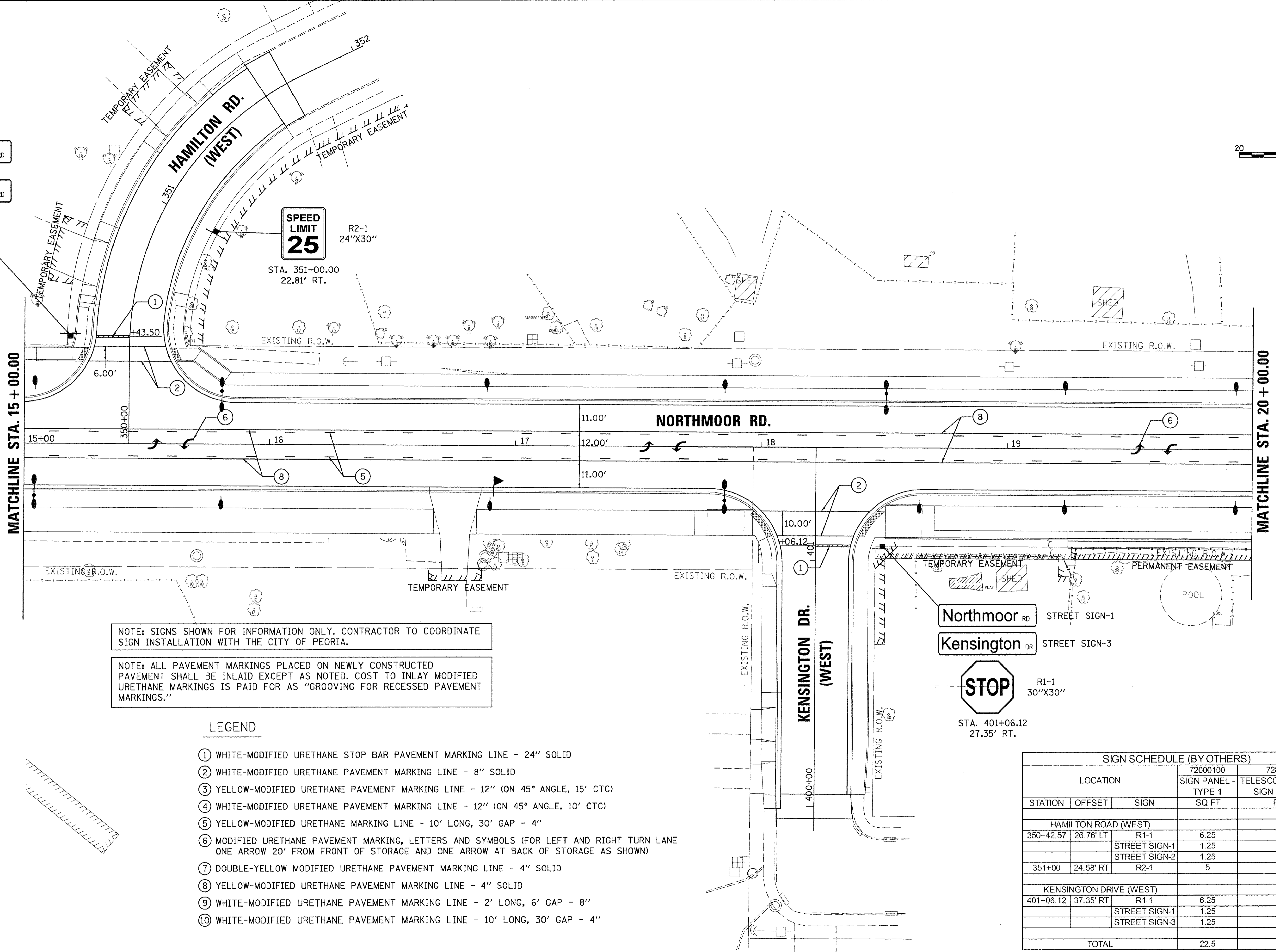
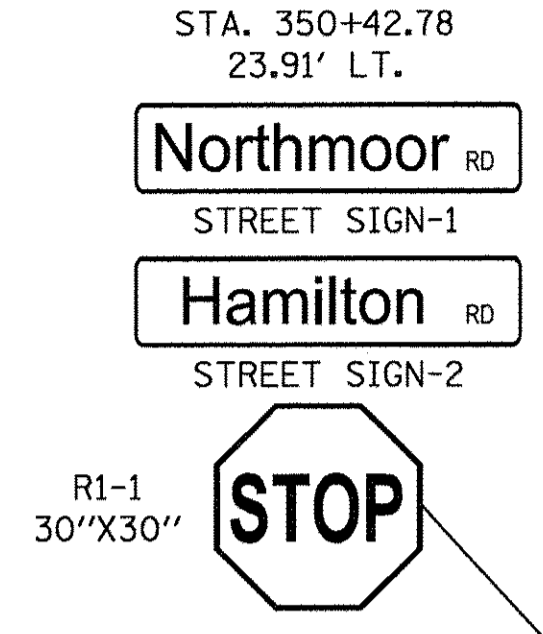
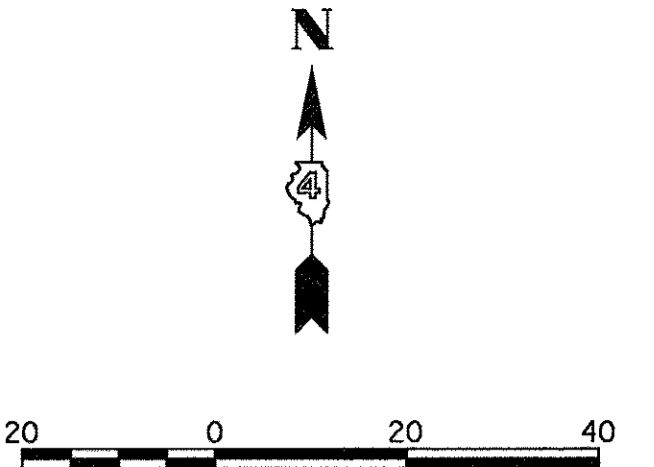
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REVIS		REVIS	
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**ALLEN ROAD
 PAVEMENT MARKING AND SIGNAGE PLANS**

SCALE: 1"=20' SHEET OF SHEETS STA. 1810+80.39 TO STA. 1814+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	172
CONTRACT NO.89386			ILLINOIS FED. AID PROJECT M-5093(136)	



NOTE: SIGNS SHOWN FOR INFORMATION ONLY. CONTRACTOR TO COORDINATE SIGN INSTALLATION WITH THE CITY OF PEORIA.

NOTE: ALL PAVEMENT MARKINGS PLACED ON NEWLY CONSTRUCTED PAVEMENT SHALL BE INLAID EXCEPT AS NOTED. COST TO INLAY MODIFIED URETHANE MARKINGS IS PAID FOR AS "GROOVING FOR RECESSED PAVEMENT MARKINGS."

LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 15' CTC)
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 10' CTC)
- ⑤ YELLOW-MODIFIED URETHANE MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑥ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW AT BACK OF STORAGE AS SHOWN)
- ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑩ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"

SIGN SCHEDULE (BY OTHERS)				
LOCATION		72000100	72800100	
STATION	OFFSET	SIGN	SIGN PANEL - TYPE 1 SQ FT	TELESCOPING STEEL SIGN SUPPORT FOOT
HAMILTON ROAD (WEST)				
350+42.57	26.76' LT	R1-1	6.25	17.5
		STREET SIGN-1	1.25	
		STREET SIGN-2	1.25	
351+00	24.58' RT	R2-1	5	15.5
KENSINGTON DRIVE (WEST)				
401+06.12	37.35' RT	R1-1	6.25	17.5
		STREET SIGN-1	1.25	
		STREET SIGN-3	1.25	
TOTAL			22.5	50.5

LAYOUT	DLC	2/24/15
DRAWN	RLA	2/24/15
REVIEWED	MGD	3/14/17

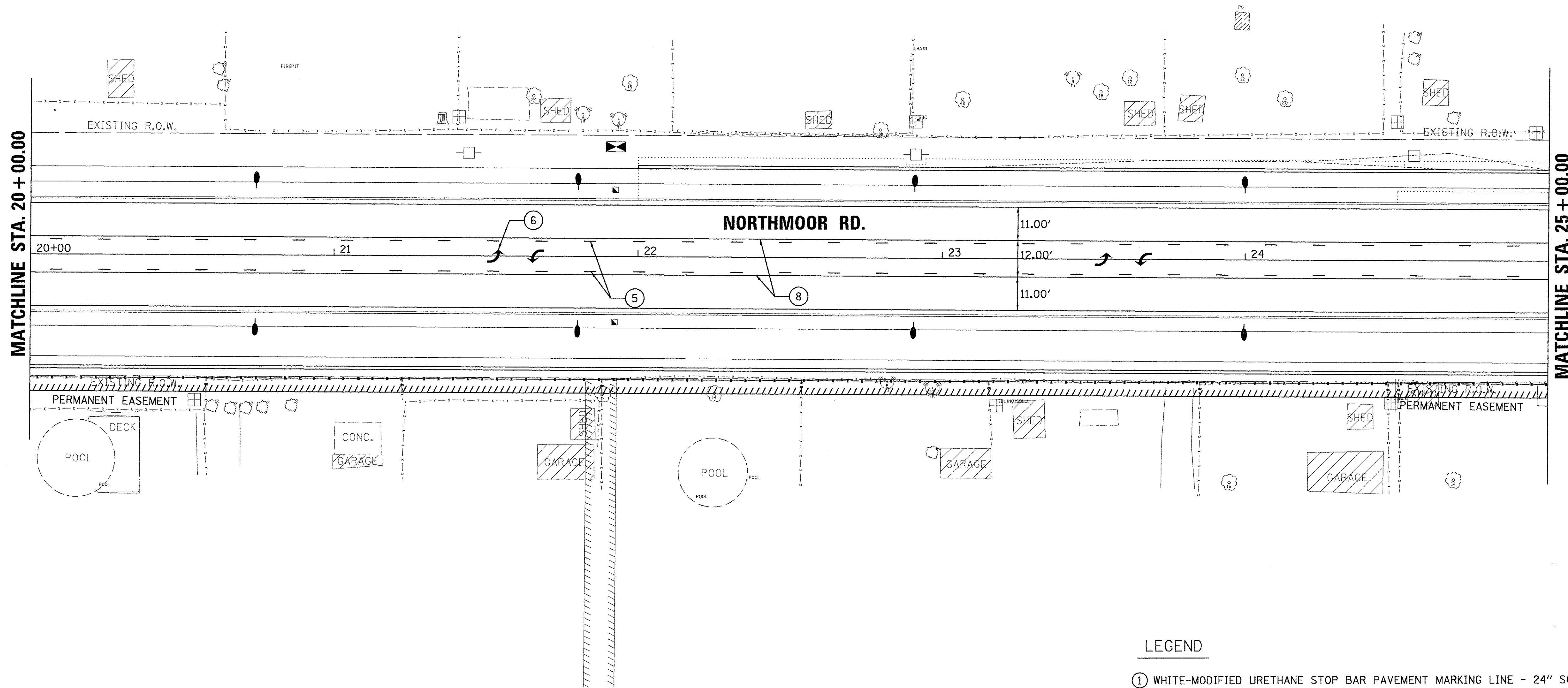
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD
 PAVEMENT MARKING AND SIGNAGE PLANS**

SCALE: 1"=20' SHEET OF SHEETS STA. 15+00.00 TO STA. 20+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	173
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89386	
			M-5093(136)	



NOTE: ALL PAVEMENT MARKINGS PLACED ON NEWLY CONSTRUCTED PAVEMENT SHALL BE INLAID EXCEPT AS NOTED. COST TO INLAY MODIFIED URETHANE MARKINGS IS PAID FOR AS "GROOVING FOR RECESSED PAVEMENT MARKINGS."

NOTE: SIGNS SHOWN FOR INFORMATION ONLY. CONTRACTOR TO COORDINATE SIGN INSTALLATION WITH THE CITY OF PEORIA.

LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 15' CTC)
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 10' CTC)
- ⑤ YELLOW-MODIFIED URETHANE MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑥ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW AT BACK OF STORAGE AS SHOWN)
- ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑩ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"

LAYOUT	DLC	2/24/15
DRAWN	RLA	2/24/15
REVIEWED	MGD	3/14/17

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

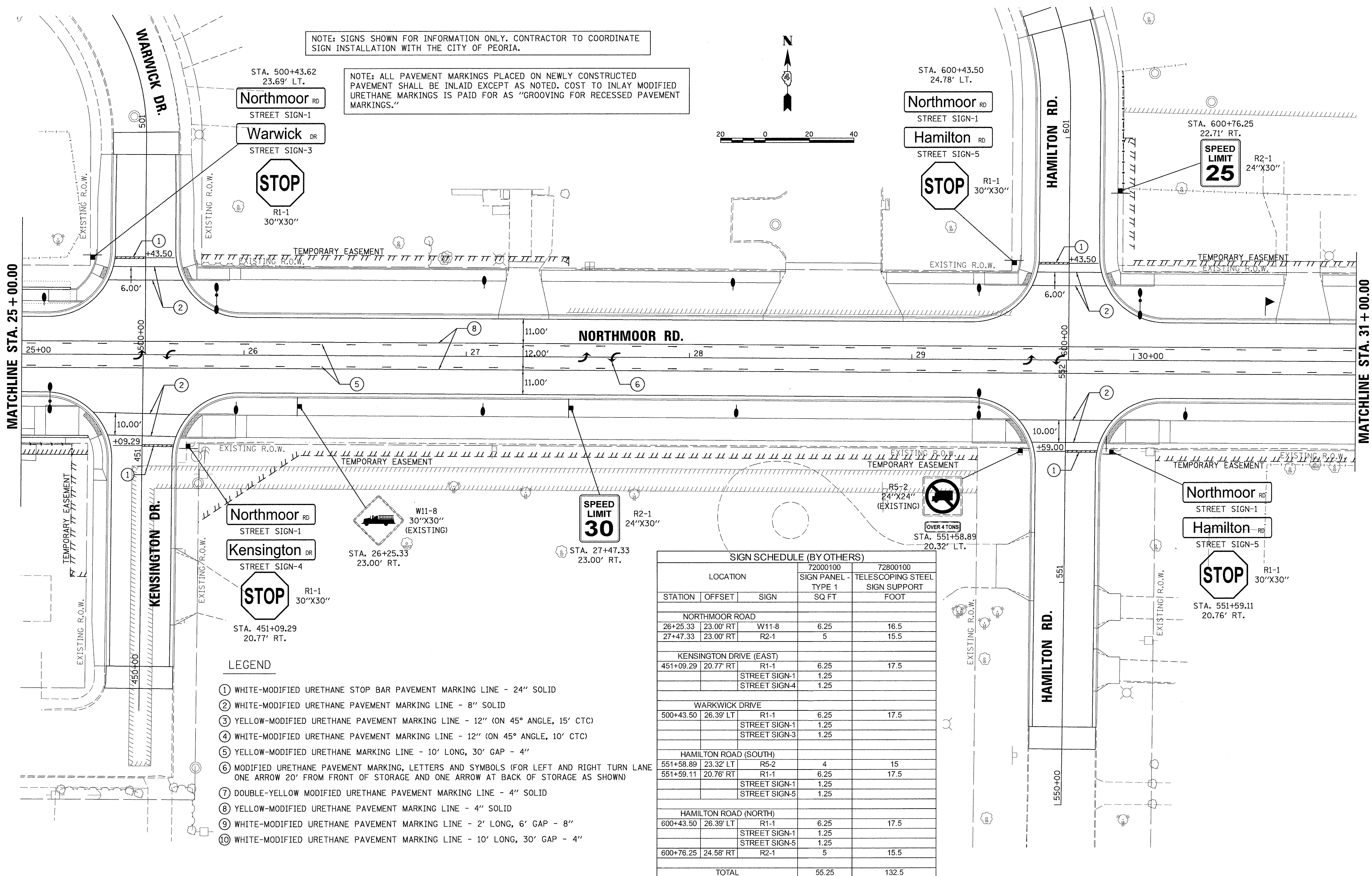
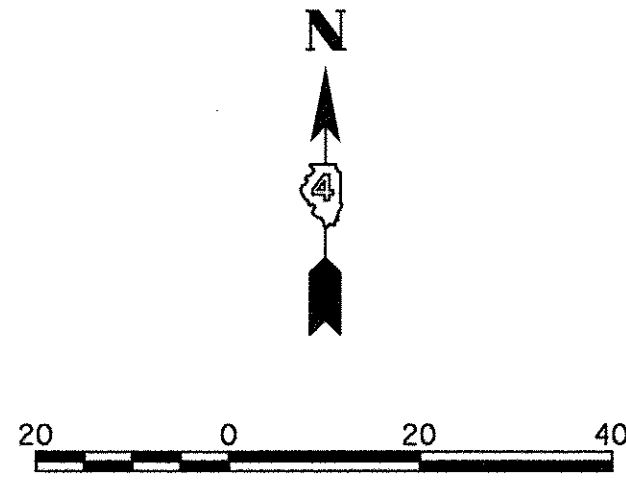
**NORTHMOOR ROAD
 PAVEMENT MARKING AND SIGNAGE PLANS**

SCALE: 1"=20' SHEET OF SHEETS STA. 20+00.00 TO STA. 25+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	174
CONTRACT NO.89386				
ILLINOIS FED. AID PROJECT M-5093(136)				

NOTE: SIGNS SHOWN FOR INFORMATION ONLY. CONTRACTOR TO COORDINATE SIGN INSTALLATION WITH THE CITY OF PEORIA.

NOTE: ALL PAVEMENT MARKINGS PLACED ON NEWLY CONSTRUCTED PAVEMENT SHALL BE INLAID EXCEPT AS NOTED. COST TO INLAY MODIFIED URETHANE MARKINGS IS PAID FOR AS "GROOVING FOR RECESSED PAVEMENT MARKINGS."



LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 15' CTC)
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 10' CTC)
- ⑤ YELLOW-MODIFIED URETHANE MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑥ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW AT BACK OF STORAGE AS SHOWN)
- ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑩ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"

SIGN SCHEDULE (BY OTHERS)				
LOCATION		72000100 SIGN PANEL - TYPE 1	72800100 TELESCOPING STEEL SIGN SUPPORT	
STATION	OFFSET	SIGN	SQ FT	FOOT
NORTHMOOR ROAD				
26+25.33	23.00' RT	W11-8	6.25	16.5
27+47.33	23.00' RT	R2-1	5	15.5
KENSINGTON DRIVE (EAST)				
451+09.29	20.77' RT	R1-1	6.25	17.5
		STREET SIGN-1	1.25	
		STREET SIGN-4	1.25	
WARWICK DRIVE				
500+43.50	26.39' LT	R1-1	6.25	17.5
		STREET SIGN-1	1.25	
		STREET SIGN-3	1.25	
HAMILTON ROAD (SOUTH)				
551+58.89	23.32' LT	R5-2	4	15
551+59.11	20.76' RT	R1-1	6.25	17.5
		STREET SIGN-1	1.25	
		STREET SIGN-5	1.25	
HAMILTON ROAD (NORTH)				
600+43.50	26.39' LT	R1-1	6.25	17.5
		STREET SIGN-1	1.25	
		STREET SIGN-5	1.25	
600+76.25	24.58' RT	R2-1	5	15.5
TOTAL			55.25	132.5

LAYOUT	DLC	2/24/15
DRAWN	RLA	2/24/15
REVIEWED	MCD	3/7/17

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

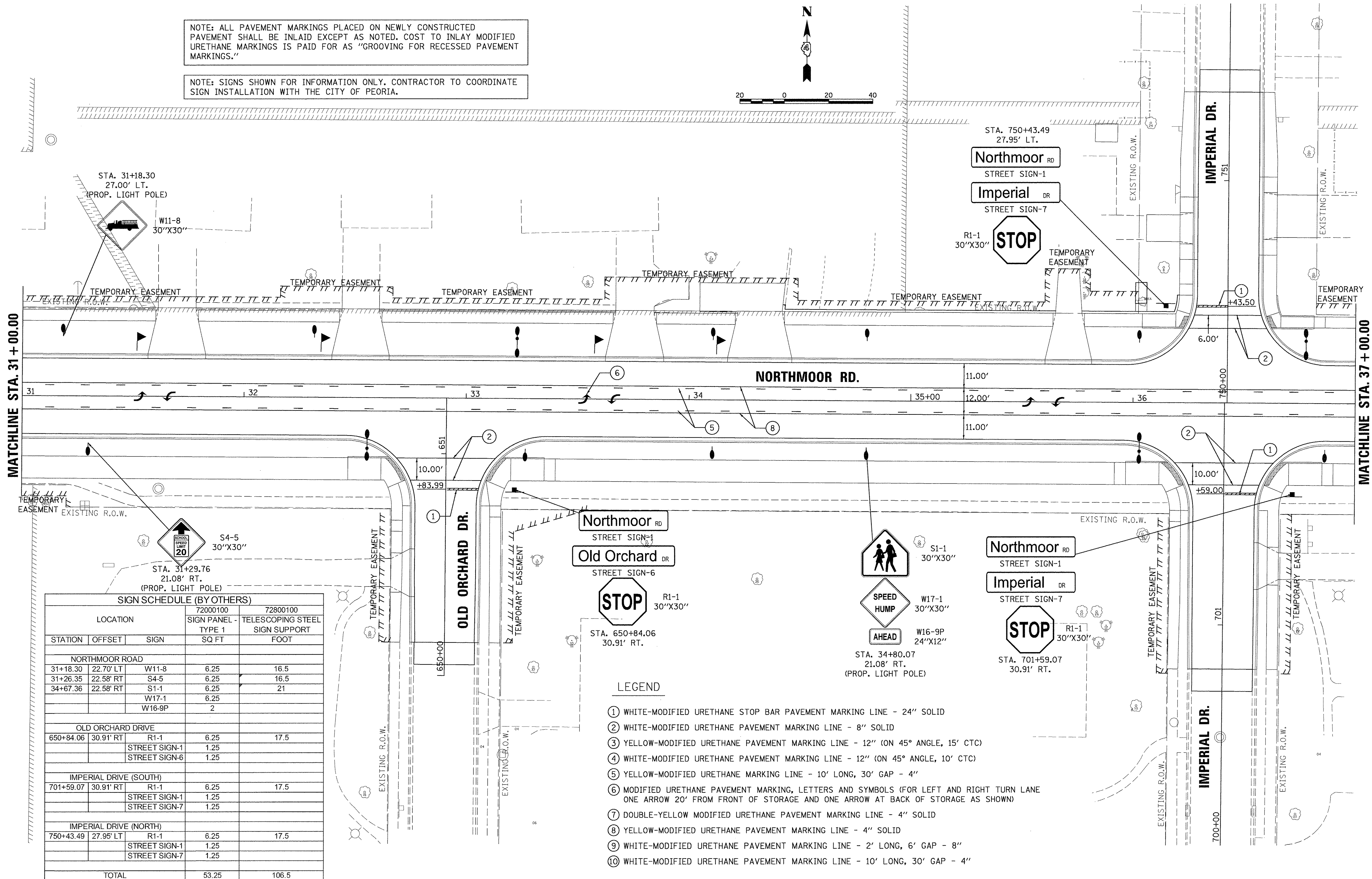
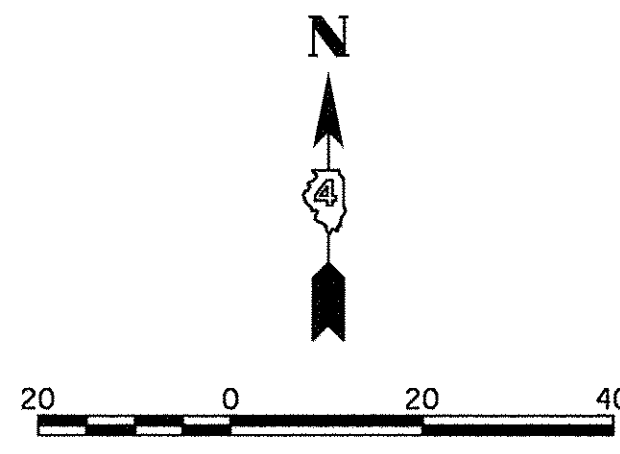
**NORTHMOOR ROAD
 PAVEMENT MARKING AND SIGNAGE PLANS**

SCALE: 1"=20' SHEET OF SHEETS STA. 25+00.00 TO STA. 31+00.00

F.A.U. RTE. 6647	SECTION 05-00302-00-PV	COUNTY PEORIA	TOTAL SHEETS 385	SHEET NO. 175
CONTRACT NO.89386			ILLINOIS FED. AID PROJECT M-50931367	

NOTE: ALL PAVEMENT MARKINGS PLACED ON NEWLY CONSTRUCTED PAVEMENT SHALL BE INLAID EXCEPT AS NOTED. COST TO INLAY MODIFIED URETHANE MARKINGS IS PAID FOR AS "GROOVING FOR RECESSED PAVEMENT MARKINGS."

NOTE: SIGNS SHOWN FOR INFORMATION ONLY. CONTRACTOR TO COORDINATE SIGN INSTALLATION WITH THE CITY OF PEORIA.



SIGN SCHEDULE (BY OTHERS)				
LOCATION		72000100 SIGN PANEL TYPE 1	72800100 TELESCOPING STEEL SIGN SUPPORT	
STATION	OFFSET	SIGN	SQ FT	FOOT
NORTHMOOR ROAD				
31+18.30	22.70' LT	W11-8	6.25	16.5
31+26.35	22.58' RT	S4-5	6.25	16.5
34+67.36	22.58' RT	S1-1	6.25	21
		W17-1	6.25	
		W16-9P	2	
OLD ORCHARD DRIVE				
650+84.06	30.91' RT	R1-1	6.25	17.5
		STREET SIGN-1	1.25	
		STREET SIGN-6	1.25	
IMPERIAL DRIVE (SOUTH)				
701+59.07	30.91' RT	R1-1	6.25	17.5
		STREET SIGN-1	1.25	
		STREET SIGN-7	1.25	
IMPERIAL DRIVE (NORTH)				
750+43.49	27.95' LT	R1-1	6.25	17.5
		STREET SIGN-1	1.25	
		STREET SIGN-7	1.25	
TOTAL			53.25	106.5

LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 15' CTC)
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 10' CTC)
- ⑤ YELLOW-MODIFIED URETHANE MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑥ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW AT BACK OF STORAGE AS SHOWN)
- ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑩ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"

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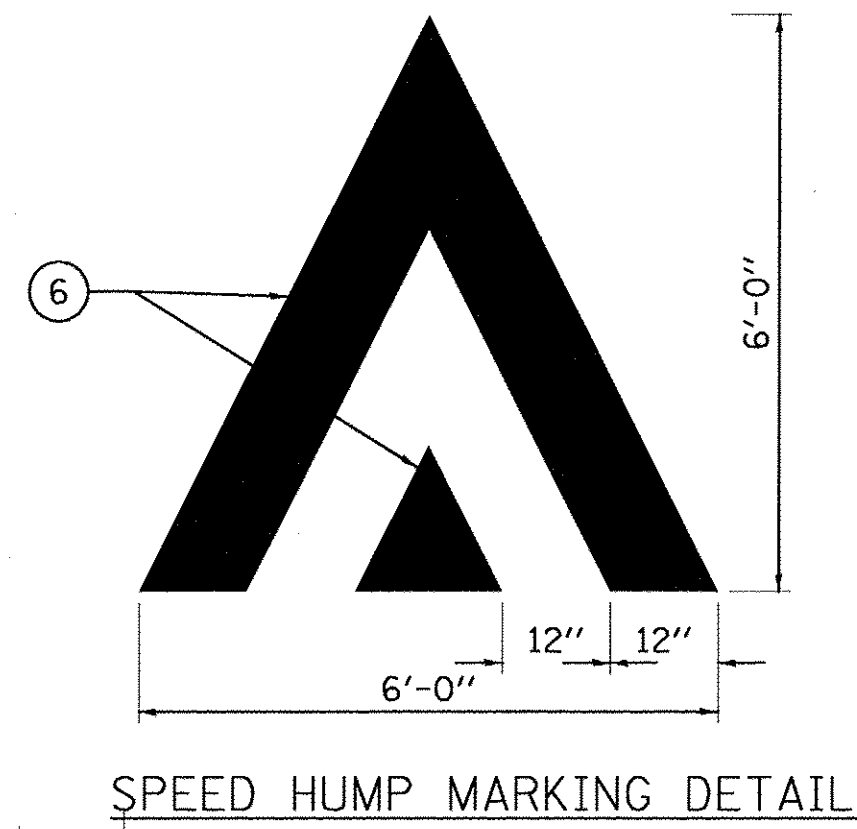
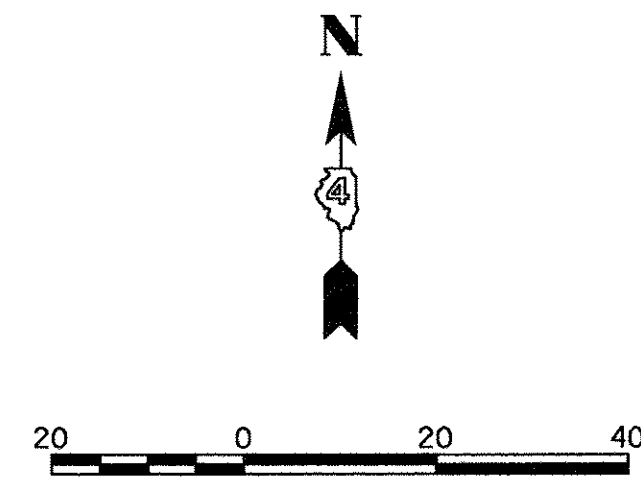
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

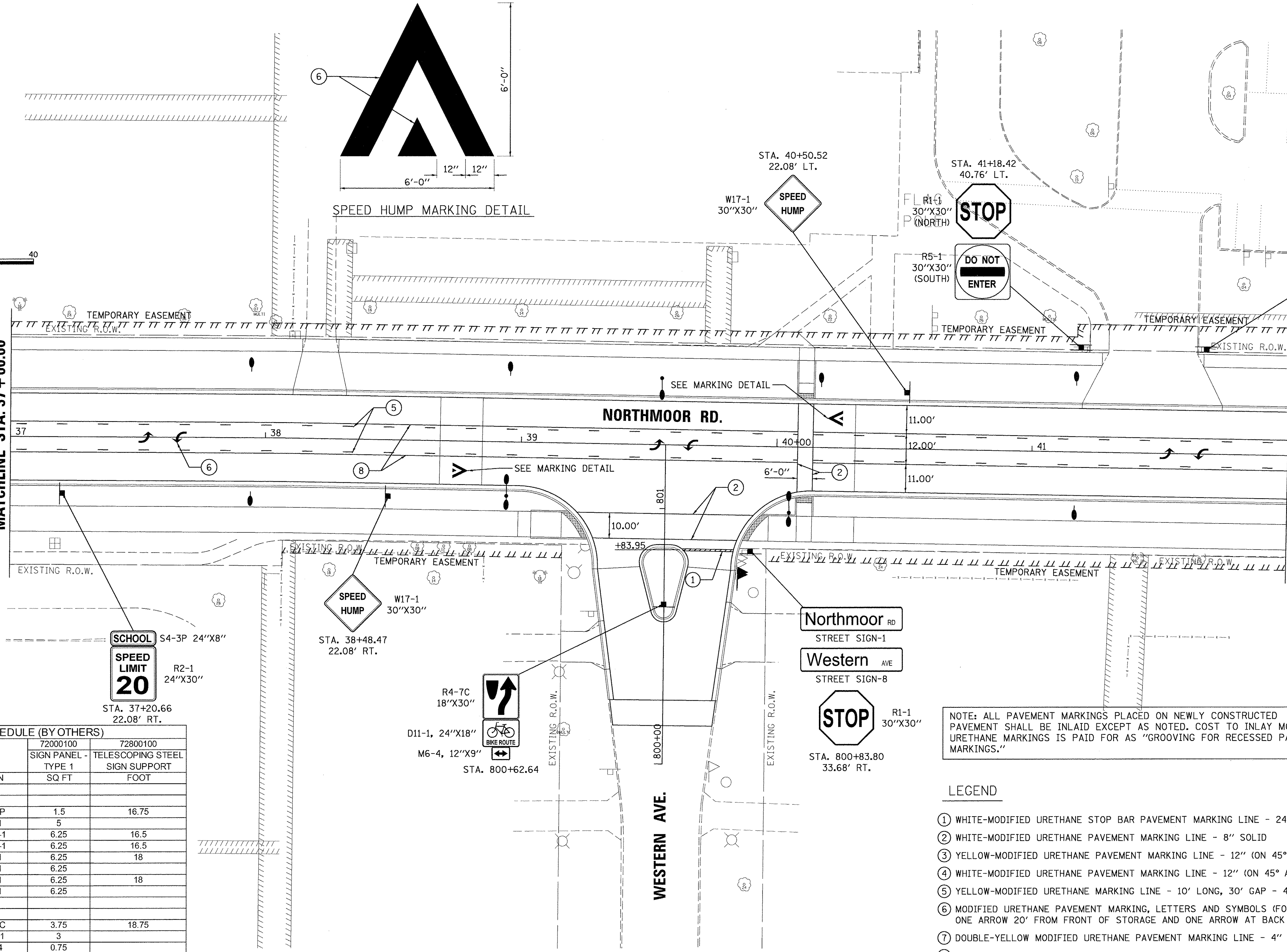
NORTHMOOR ROAD PAVEMENT MARKING AND SIGNAGE PLANS	
SCALE: 1"=20'	SHEET OF SHEETS STA. 31+00.00 TO STA. 37+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	176
CONTRACT NO. 89386			ILLINOIS FED. AID PROJECT M-50931367	



MATCHLINE STA. 37 + 00.00

MATCHLINE STA. 42 + 00.00



SIGN SCHEDULE (BY OTHERS)				
LOCATION		72000100	72800100	
STATION	OFFSET	SIGN	SIGN PANEL TYPE 1 SQ FT	TELESCOPING STEEL SIGN SUPPORT FOOT
NORTHMOOR ROAD				
37+20.66	22.08' RT	S4-3P	1.5	16.75
38+48.47	22.08' RT	R2-1	5	
40+50.52	22.08' LT	W17-1	6.25	16.5
41+18.42	40.76' LT	R1-1	6.25	18
41+18.42	40.76' LT	R5-1	6.25	
41+67.45	40.76' LT	R1-1	6.25	18
41+67.45	40.76' LT	R5-1	6.25	
WESTERN AVENUE				
800+62.64		R4-7C	3.75	18.75
800+62.64		D11-1	3	
800+62.64		M6-4	0.75	
800+83.80	33.68' RT	R1-1	6.25	17.5
800+83.80	33.68' RT	STREET SIGN-1	1.25	
800+83.80	33.68' RT	STREET SIGN-8	1.25	
TOTAL			60.25	122

NOTE: ALL PAVEMENT MARKINGS PLACED ON NEWLY CONSTRUCTED PAVEMENT SHALL BE INLAD EXCEPT AS NOTED. COST TO INLAY MODIFIED URETHANE MARKINGS IS PAID FOR AS "GROOVING FOR RECESSED PAVEMENT MARKINGS."

LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 15' CTC)
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 10' CTC)
- ⑤ YELLOW-MODIFIED URETHANE MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑥ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW AT BACK OF STORAGE AS SHOWN)
- ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑩ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"

NOTE: SIGNS SHOWN FOR INFORMATION ONLY. CONTRACTOR TO COORDINATE SIGN INSTALLATION WITH THE CITY OF PEORIA.

LAYOUT	DLC	2/24/15
DRAWN	RLA	2/24/15
REVIEWED	MGD	3/7/17

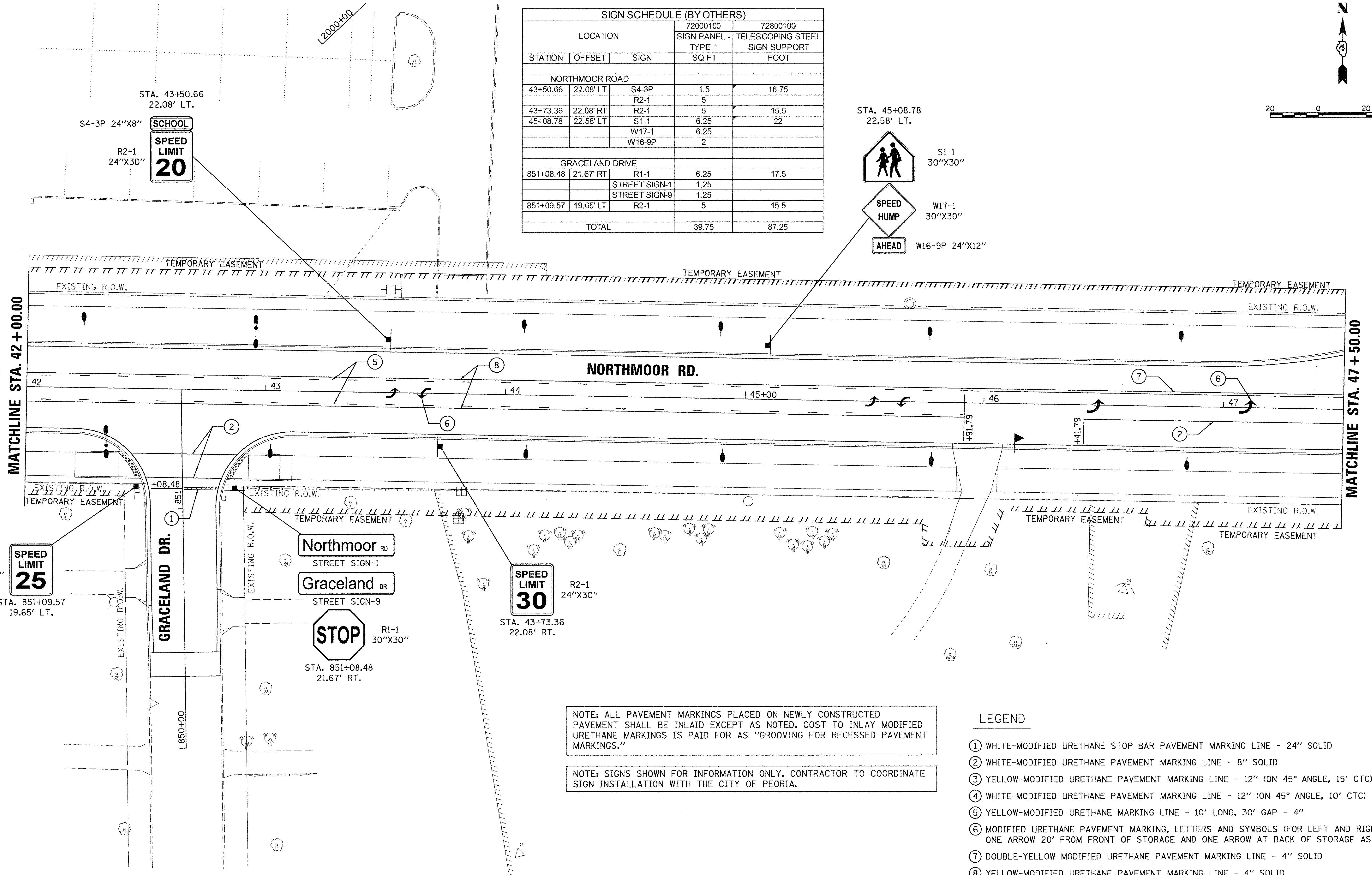
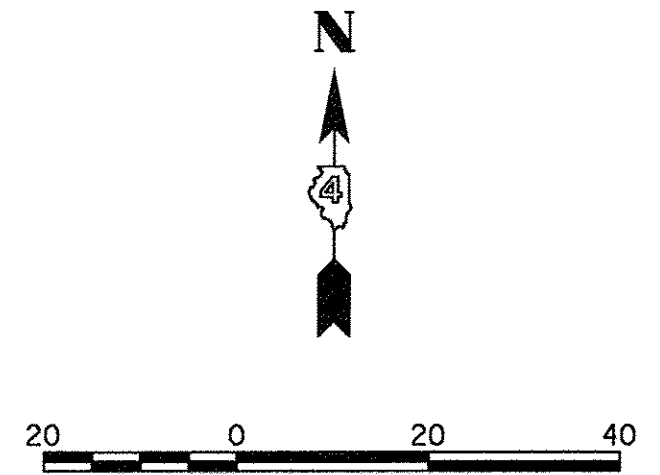
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD
 PAVEMENT MARKING AND SIGNAGE PLANS**

SCALE: 1"=20'	SHEET	OF	SHEETS	STA. 37+00.00 TO STA. 42+00.00	F.A.U. RTE. 6647	SECTION 05-00302-00-PV	COUNTY PEORIA	TOTAL SHEETS 385	SHEET NO. 177	CONTRACT NO. 89386	ILLINOIS FED. AID PROJECT M-5093(136)
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SIGN SCHEDULE (BY OTHERS)				
LOCATION		72000100	72800100	
STATION	OFFSET	SIGN	SQ FT	TELESCOPING STEEL SIGN SUPPORT FOOT
NORTHMOOR ROAD				
43+50.66	22.08' LT.	S4-3P	1.5	16.75
		R2-1	5	
43+73.36	22.08' RT.	R2-1	5	15.5
45+08.78	22.58' LT.	S1-1	6.25	22
		W17-1	6.25	
		W16-9P	2	
GRACELAND DRIVE				
851+08.48	21.67' RT.	R1-1	6.25	17.5
		STREET SIGN-1	1.25	
		STREET SIGN-9	1.25	
851+09.57	19.65' LT.	R2-1	5	15.5
TOTAL			39.75	87.25



NOTE: ALL PAVEMENT MARKINGS PLACED ON NEWLY CONSTRUCTED PAVEMENT SHALL BE INLAID EXCEPT AS NOTED. COST TO INLAY MODIFIED URETHANE MARKINGS IS PAID FOR AS "GROOVING FOR RECESSED PAVEMENT MARKINGS."

NOTE: SIGNS SHOWN FOR INFORMATION ONLY. CONTRACTOR TO COORDINATE SIGN INSTALLATION WITH THE CITY OF PEORIA.

LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
- ③ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 15' CTC)
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 10' CTC)
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- ⑥ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW AT BACK OF STORAGE AS SHOWN)
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LAYOUT	DLC	2/24/15
DRAWN	RLA	2/24/15
REVIEWED	MCD	3/4/17

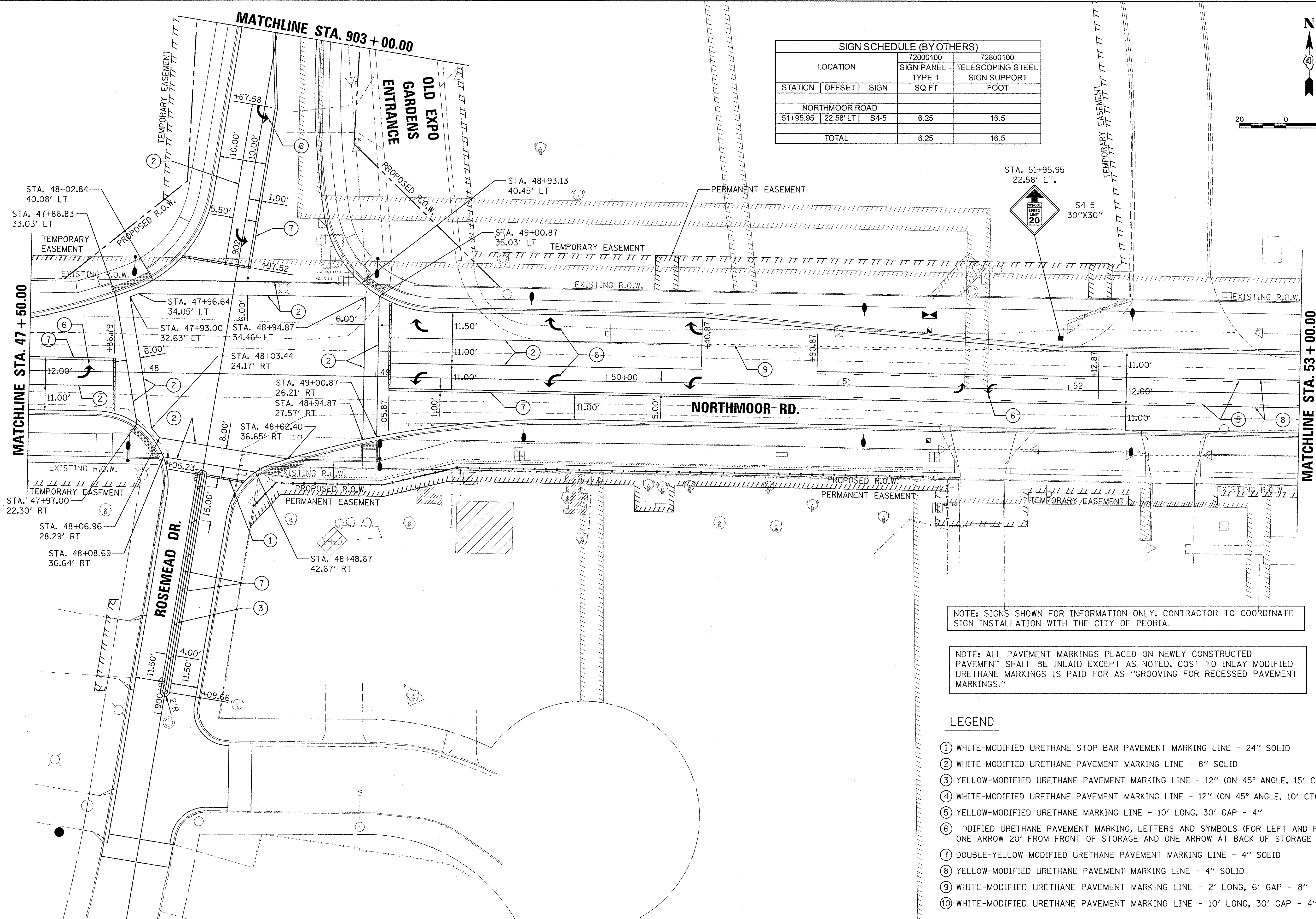
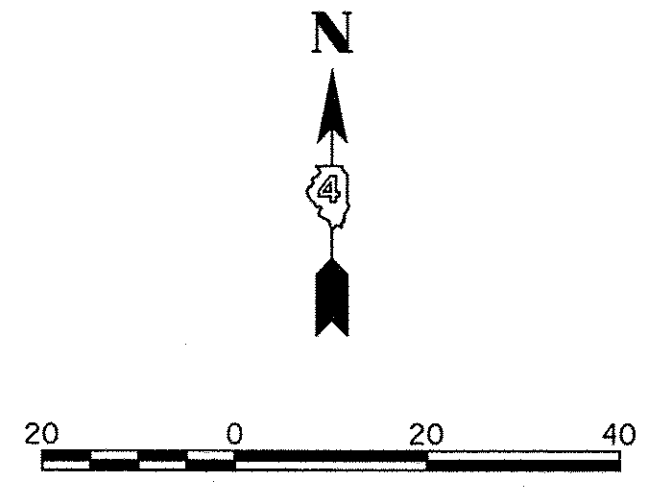
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PLOT DATE = 3/22/2017		DATE - 03/22/17	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

NORTHMOOR ROAD PAVEMENT MARKING AND SIGNAGE PLANS		F.A.U. RTE. 6647	SECTION 05-00302-00-PV	COUNTY PEORIA	TOTAL SHEETS 385	SHEET NO. 178
SCALE: 1"=20'	SHEET OF SHEETS	STA. 42+00.00 TO STA. 47+50.00		CONTRACT NO.89386		

ILLINOIS FED. AID PROJECT M-5093(136)	
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SIGN SCHEDULE (BY OTHERS)				
LOCATION		72000100	72800100	
STATION	OFFSET	SIGN TYPE 1	TELESCOPING STEEL SIGN SUPPORT	
		SQ FT	FOOT	
NORTHMOOR ROAD				
51+95.95	22.58' LT	S4-5	6.25	16.5
TOTAL			6.25	16.5



NOTE: SIGNS SHOWN FOR INFORMATION ONLY. CONTRACTOR TO COORDINATE SIGN INSTALLATION WITH THE CITY OF PEORIA.

NOTE: ALL PAVEMENT MARKINGS PLACED ON NEWLY CONSTRUCTED PAVEMENT SHALL BE INLAID EXCEPT AS NOTED. COST TO INLAY MODIFIED URETHANE MARKINGS IS PAID FOR AS "GROOVING FOR RECESSED PAVEMENT MARKINGS."

LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
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LAYOUT	DLC	2/24/15
DRAWN	RLA	2/24/15
REVIEWED	MGD	3/14/17

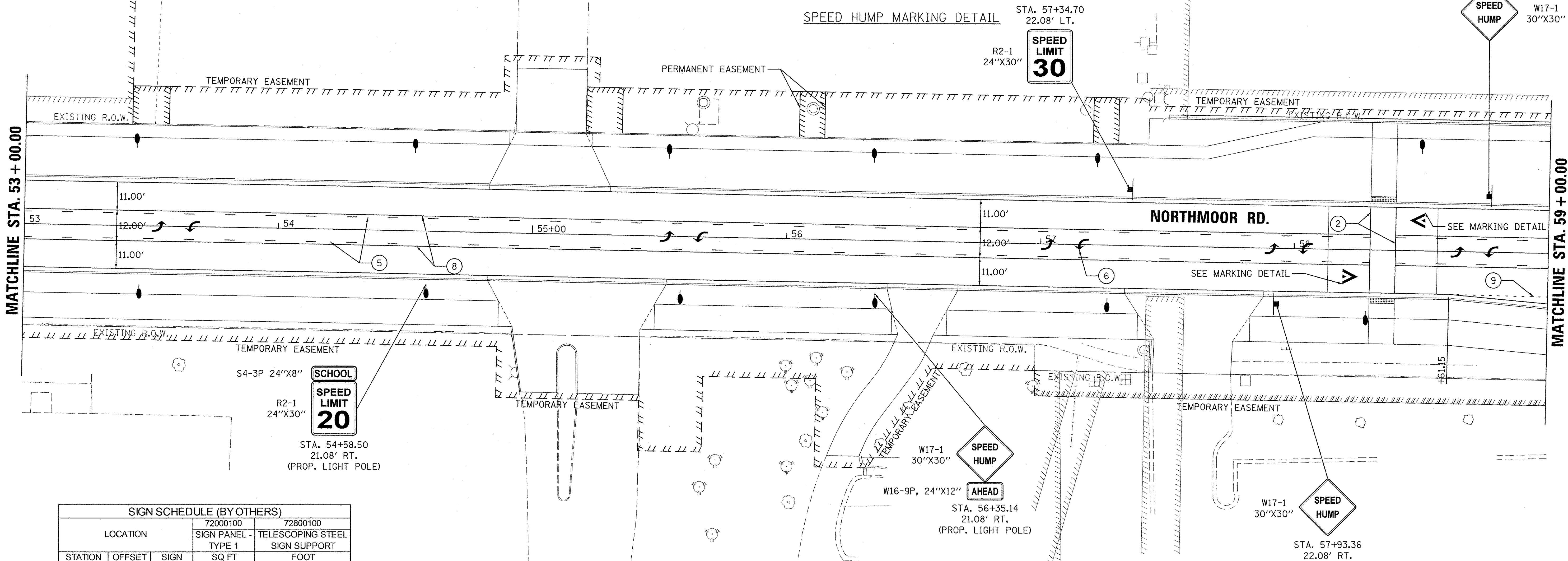
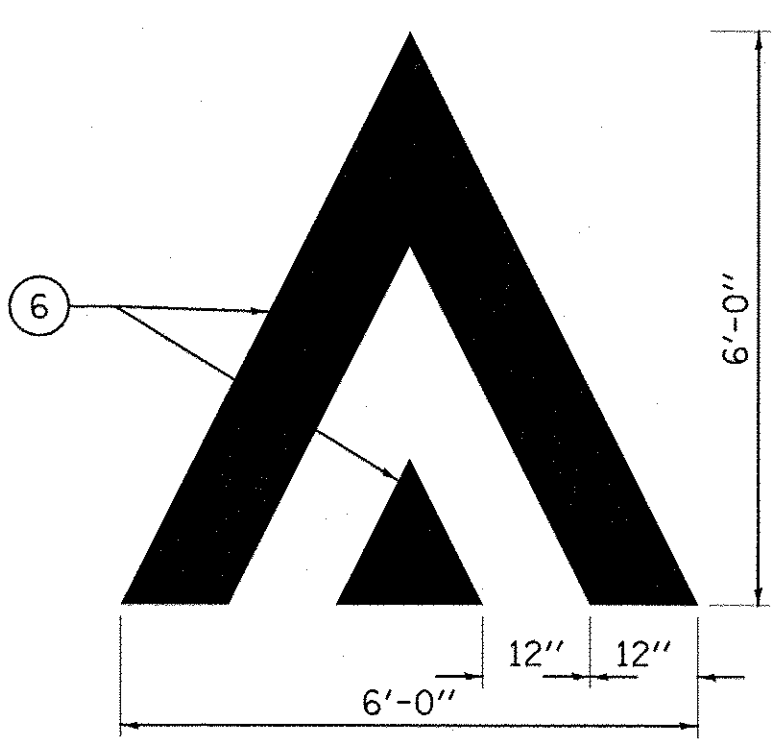
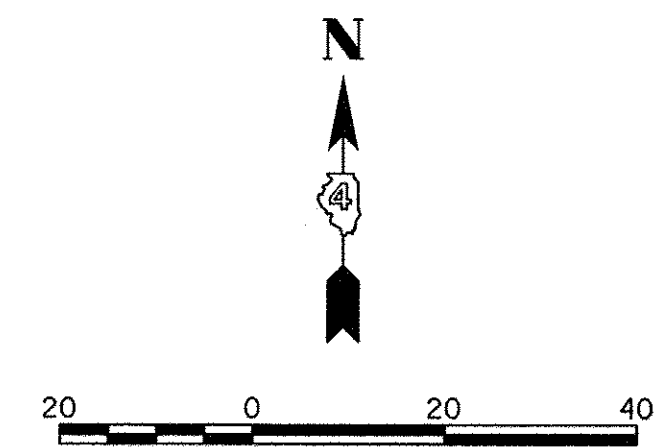
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD
 PAVEMENT MARKING AND SIGNAGE PLANS**

SCALE: 1"=20' SHEET OF SHEETS STA. 47+50.00 TO STA. 53+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	179
CONTRACT NO. 89386			ILLINOIS FED. AID PROJECT M-50931361	



SIGN SCHEDULE (BY OTHERS)				
LOCATION		72000100	72800100	
STATION	OFFSET	SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT	FOOT
NORTHMOOR ROAD				
54+58.50	21.08' RT	S4-3P	1.5	LIGHT POLE
		R2-1	5	
56+33.36	22.08' RT	W17-1	6.25	LIGHT POLE
		W16-9P	2	
57+34.70	22.08' LT	R2-1	5	15.5
57+93.36	22.08' RT	W17-1	6.25	16.5
58+76.12	22.08' LT	W17-1	6.25	16.5
TOTAL			32.25	48.5

NOTE: ALL PAVEMENT MARKINGS PLACED ON NEWLY CONSTRUCTED PAVEMENT SHALL BE INLAID EXCEPT AS NOTED. COST TO INLAID MODIFIED URETHANE MARKINGS IS PAID FOR AS "GROOVING FOR RECESSED PAVEMENT MARKINGS."

NOTE: SIGNS SHOWN FOR INFORMATION ONLY. CONTRACTOR TO COORDINATE SIGN INSTALLATION WITH THE CITY OF PEORIA.

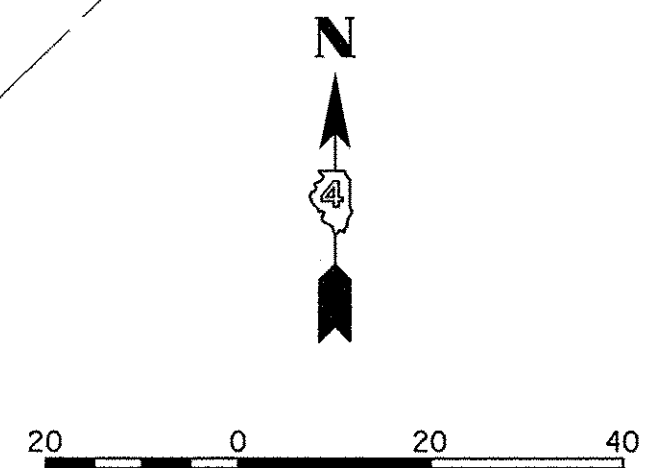
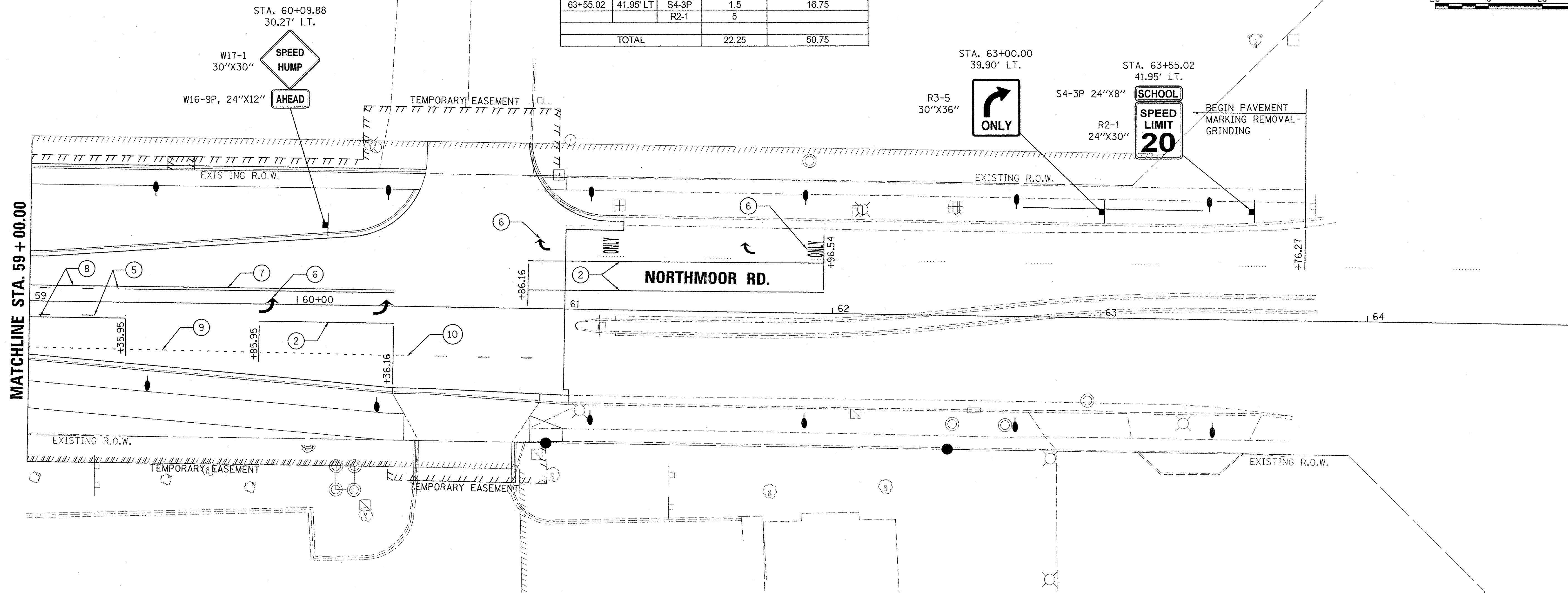
LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID
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- ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
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LAYOUT	DLC	2/24/15
DRAWN	RLA	2/24/15
REVIEWED	MGD	3/4/17

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		CHECKED - MGD	REVISED -			CONTRACT NO. 89386					
		PLOT DATE = 4/17/2017	DATE = 4/14/17			SCALE: 1"=20'	SHEET OF SHEETS	STA. 53+00.00 TO STA. 59+00.00	ILLINOIS FED. AID PROJECT M-5093(136)		

SIGN SCHEDULE (BY OTHERS)				
LOCATION		72000100	72800100	
STATION	OFFSET	SIGN	SIGN PANEL - TYPE 1 SQ FT	TELESCOPING STEEL SIGN SUPPORT FOOT
NORTHMOOR ROAD				
60+09.88	30.27' LT	W17-1	6.25	18
		W16-9P	2	
63+00.00	39.90' LT	R3-5	7.5	16
63+55.02	41.95' LT	S4-3P	1.5	16.75
		R2-1	5	
TOTAL			22.25	50.75



NOTE: ALL PAVEMENT MARKINGS PLACED ON NEWLY CONSTRUCTED PAVEMENT SHALL BE INLAID EXCEPT AS NOTED. COST TO INLAY MODIFIED URETHANE MARKINGS IS PAID FOR AS "GROOVING FOR RECESSED PAVEMENT MARKINGS."

NOTE: SIGNS SHOWN FOR INFORMATION ONLY. CONTRACTOR TO COORDINATE SIGN INSTALLATION WITH THE CITY OF PEORIA.

LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
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- ⑩ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"

LAYOUT	DLC	2/24/15
DRAWN	RLA	2/24/15
REVIEWED	MGD	3/14/17

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

NORTHMOOR ROAD PAVEMENT MARKING AND SIGNAGE PLANS			
SCALE: 1"=20'	SHEET	OF	SHEETS
STA. 59+00.00 TO STA. 63+00.00			

F.A.U. RTE. 6647	SECTION 05-00302-00-PV	COUNTY PEORIA	TOTAL SHEETS 385	SHEET NO. 181
CONTRACT NO. 89386				
ILLINOIS FED. AID PROJECT M-5093(136)				

LEGEND

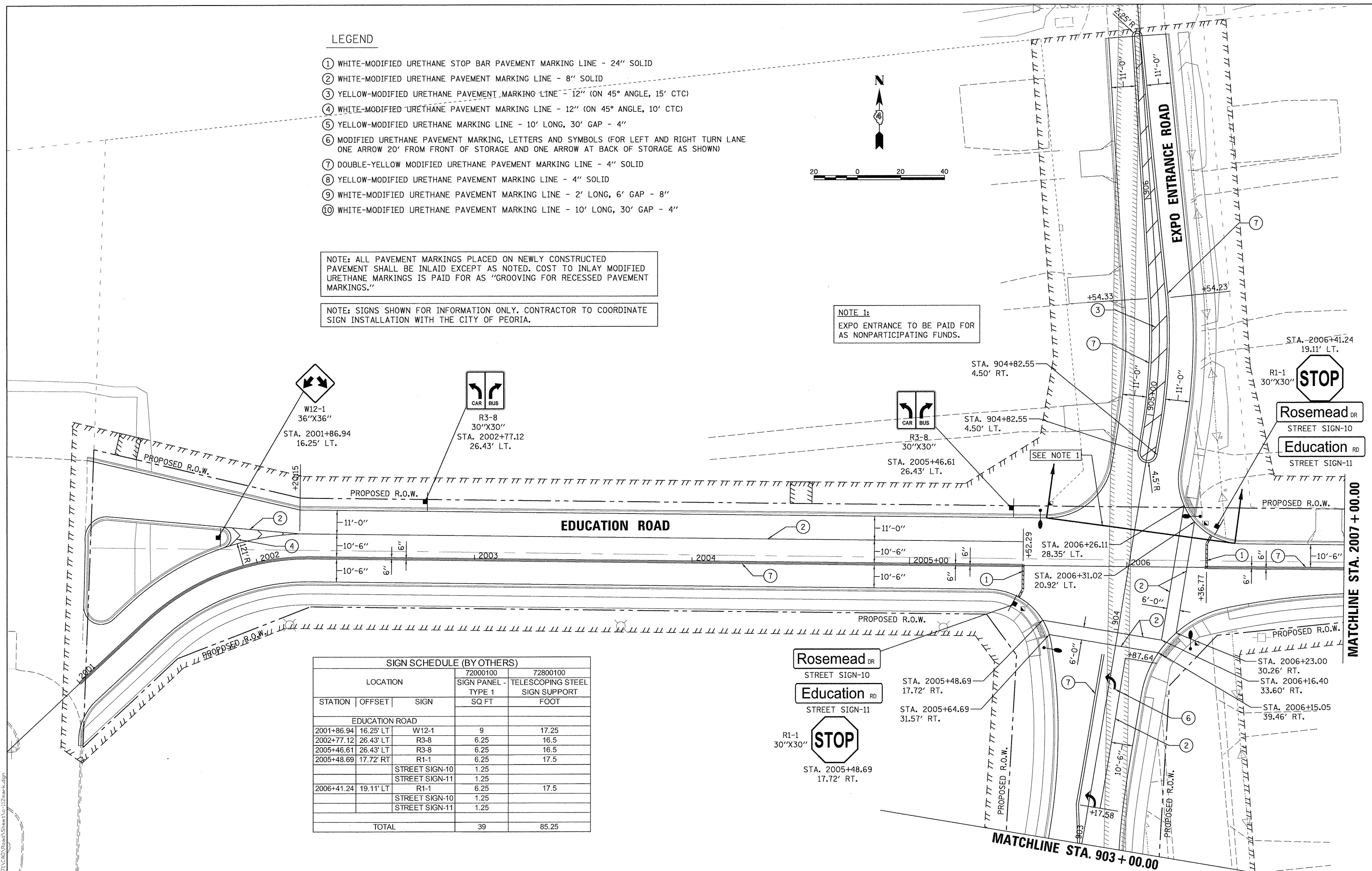
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- ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑩ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"

NOTE: ALL PAVEMENT MARKINGS PLACED ON NEWLY CONSTRUCTED PAVEMENT SHALL BE INLAID EXCEPT AS NOTED. COST TO INLAY MODIFIED URETHANE MARKINGS IS PAID FOR AS "GROOVING FOR RECESSED PAVEMENT MARKINGS."

NOTE: SIGNS SHOWN FOR INFORMATION ONLY. CONTRACTOR TO COORDINATE SIGN INSTALLATION WITH THE CITY OF PEORIA.

NOTE 1:
EXPO ENTRANCE TO BE PAID FOR AS NONPARTICIPATING FUNDS.

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SIGN SCHEDULE (BY OTHERS)				
LOCATION			72000100	72800100
			SIGN PANEL -	TELESCOPING STEEL
STATION	OFFSET	SIGN	TYPE 1	SIGN SUPPORT
			SQ FT	FOOT
EDUCATION ROAD				
2001+86.94	16.25' LT	W12-1	9	17.25
2002+77.12	26.43' LT	R3-8	6.25	16.5
2005+46.61	26.43' LT	R3-8	6.25	16.5
2005+48.69	17.72' RT	R1-1	6.25	17.5
		STREET SIGN-10	1.25	
		STREET SIGN-11	1.25	
2006+41.24	19.11' LT	R1-1	6.25	17.5
		STREET SIGN-10	1.25	
		STREET SIGN-11	1.25	
TOTAL			39	85.25

LAYOUT	DLC	2/24/15
DRAWN	RLA	2/24/15
REVIEWED	MGD	3/14/17

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DATE	03/22/17

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EDUCATION ROAD
PAVEMENT MARKING AND SIGNAGE PLANS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	182
CONTRACT NO. 89386			ILLINOIS FED. AID PROJECT M-5093(136)	

SCALE: 1"=20' SHEET OF SHEETS STA. 2000+92.53 TO STA. 2007+00.00

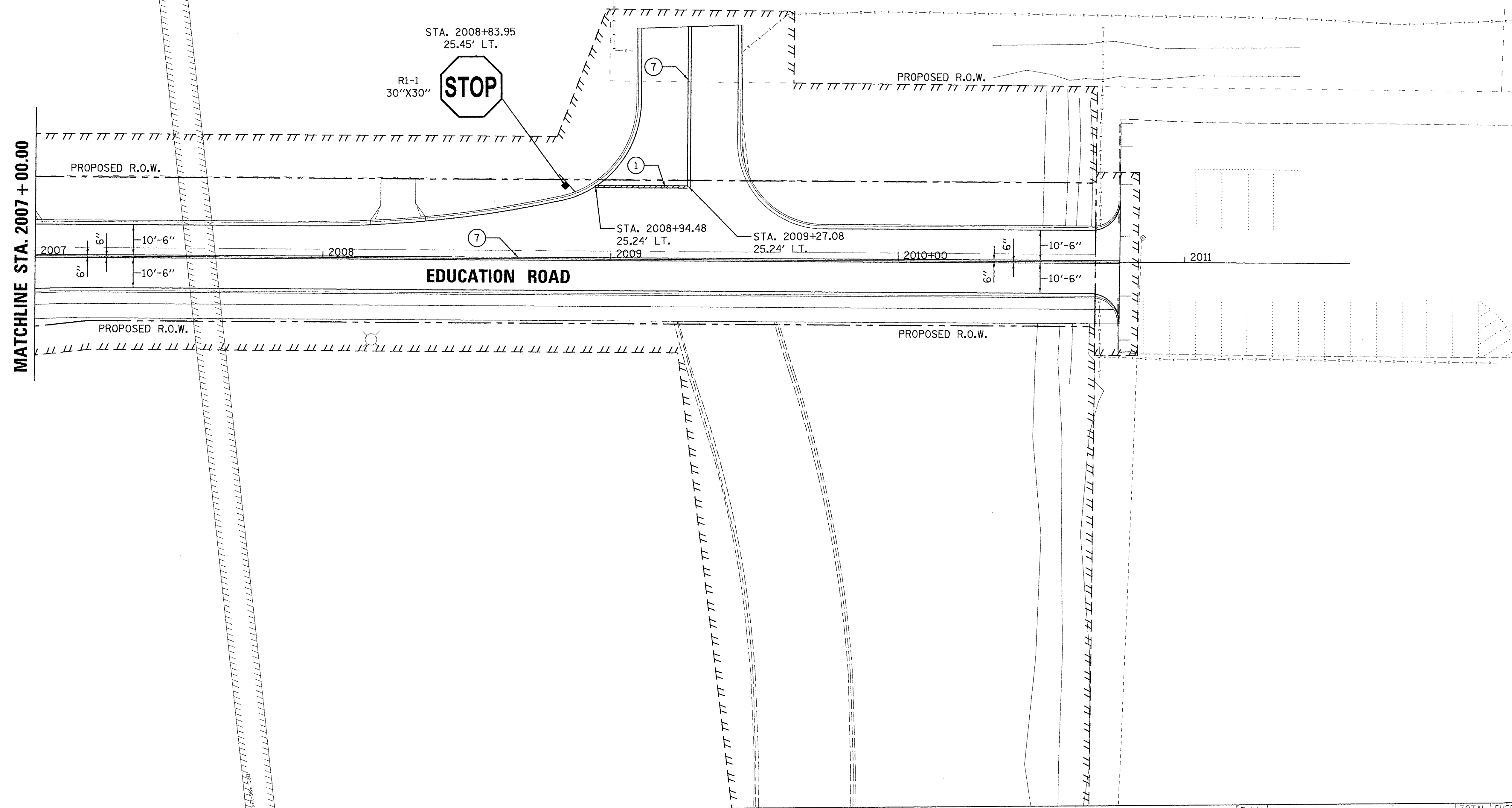
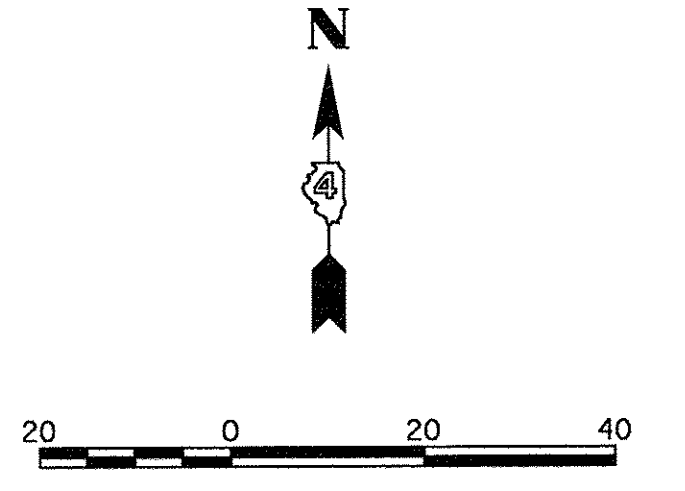
NOTE: ALL PAVEMENT MARKINGS PLACED ON NEWLY CONSTRUCTED PAVEMENT SHALL BE INLAID EXCEPT AS NOTED. COST TO INLAY MODIFIED URETHANE MARKINGS IS PAID FOR AS "GROOVING FOR RECESSED PAVEMENT MARKINGS."

NOTE: SIGNS SHOWN FOR INFORMATION ONLY. CONTRACTOR TO COORDINATE SIGN INSTALLATION WITH THE CITY OF PEORIA.

SIGN SCHEDULE (BY OTHERS)				
LOCATION			72000100	72800100
			SIGN PANEL - TYPE 1	TELESCOPING STEEL SIGN SUPPORT
STATION	OFFSET	SIGN	SQ FT	FOOT
EDUCATION ROAD				
2008+83.95	25.45' LT	R1-1	6.25	15.5
TOTAL			6.25	15.5

LEGEND

- ① WHITE-MODIFIED URETHANE STOP BAR PAVEMENT MARKING LINE - 24" SOLID
- ② WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 8" SOLID.
- ③ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 15' CTC)
- ④ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 12" (ON 45° ANGLE, 10' CTC)
- ⑤ YELLOW-MODIFIED URETHANE MARKING LINE - 10' LONG, 30' GAP - 4"
- ⑥ MODIFIED URETHANE PAVEMENT MARKING, LETTERS AND SYMBOLS (FOR LEFT AND RIGHT TURN LANE ONE ARROW 20' FROM FRONT OF STORAGE AND ONE ARROW AT BACK OF STORAGE AS SHOWN)
- ⑦ DOUBLE-YELLOW MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑧ YELLOW-MODIFIED URETHANE PAVEMENT MARKING LINE - 4" SOLID
- ⑨ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 2' LONG, 6' GAP - 8"
- ⑩ WHITE-MODIFIED URETHANE PAVEMENT MARKING LINE - 10' LONG, 30' GAP - 4"



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LAYOUT	DLC	2/24/15
DRAWN	RLA	2/24/15
REVIEWED	MGD	3/14/17

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EDUCATION ROAD
PAVEMENT MARKING AND SIGNAGE PLANS

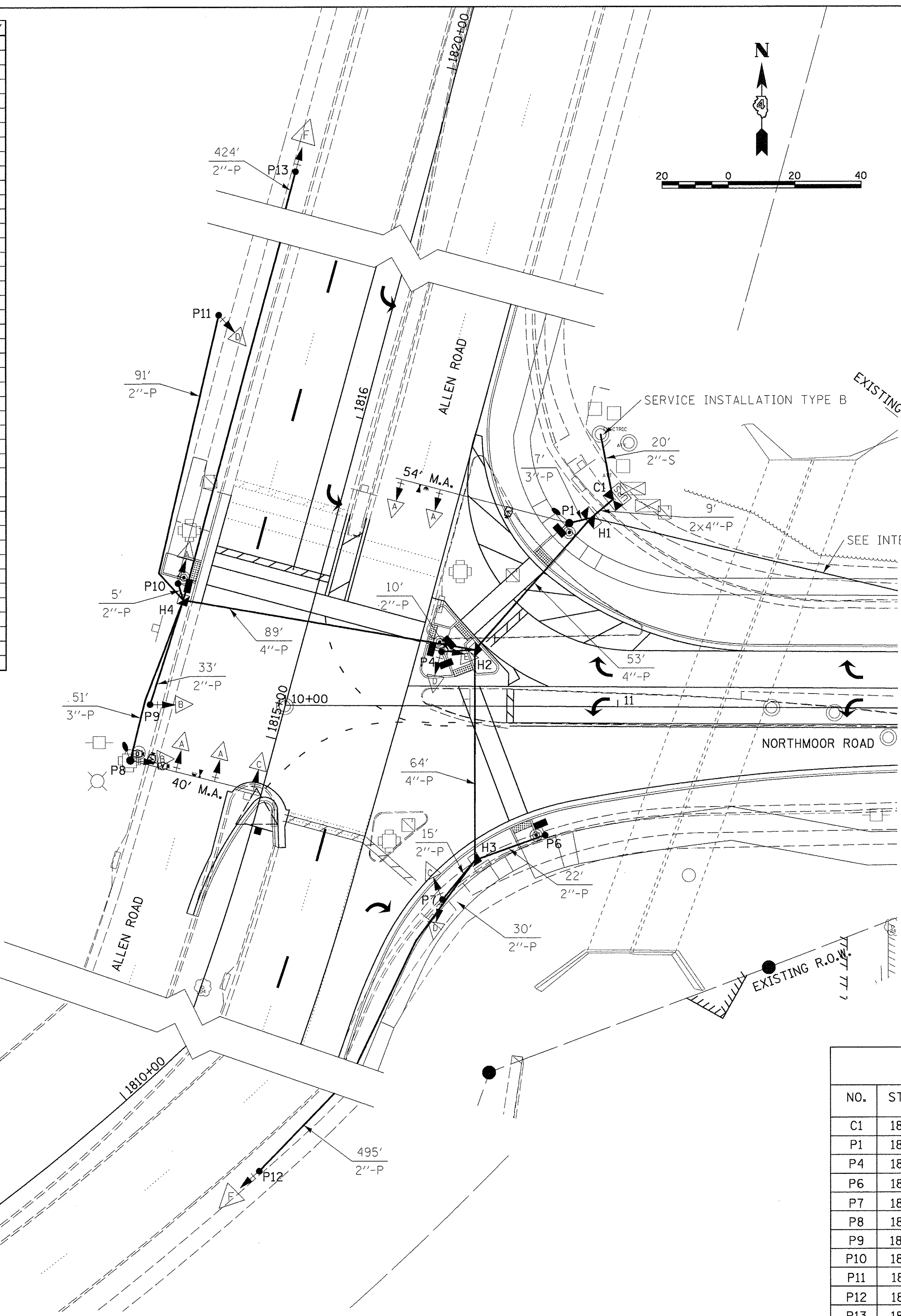
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	183
CONTRACT			NO.89386	
ILLINOIS FED. AID PROJECT			M-5093(136)	

DESCRIPTION	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQFT	35
SERVICE INSTALLATION, TYPE B	EACH	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	20
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	1095
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	58
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	224
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
UNINTERRUPTIBLE POWER SUPPLY, STANDARD	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	2198
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	1820
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	1173
ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	375
ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6 1C	FOOT	78
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	1556
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	2
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	4
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 40 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	24
CONCRETE FOUNDATION, TYPE D	FOOT	3
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	28
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	3
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	4
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	6
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	17
CONFIRMATION BEACON	EACH	2
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	2
PEDESTRIAN PUSH-BUTTON	EACH	4
REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1
VIDEO VEHICLE DETECTION, 3 CAMERAS	EACH	1
CLOSED CIRCUIT TELEVISION DOME CAMERA, IP BASED	EACH	1
CAT 5 ETHERNET CABLE	FOOT	279
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
FIBER OPTIC ETHERNET DROP AND REPEAT SWITCH	EACH	1

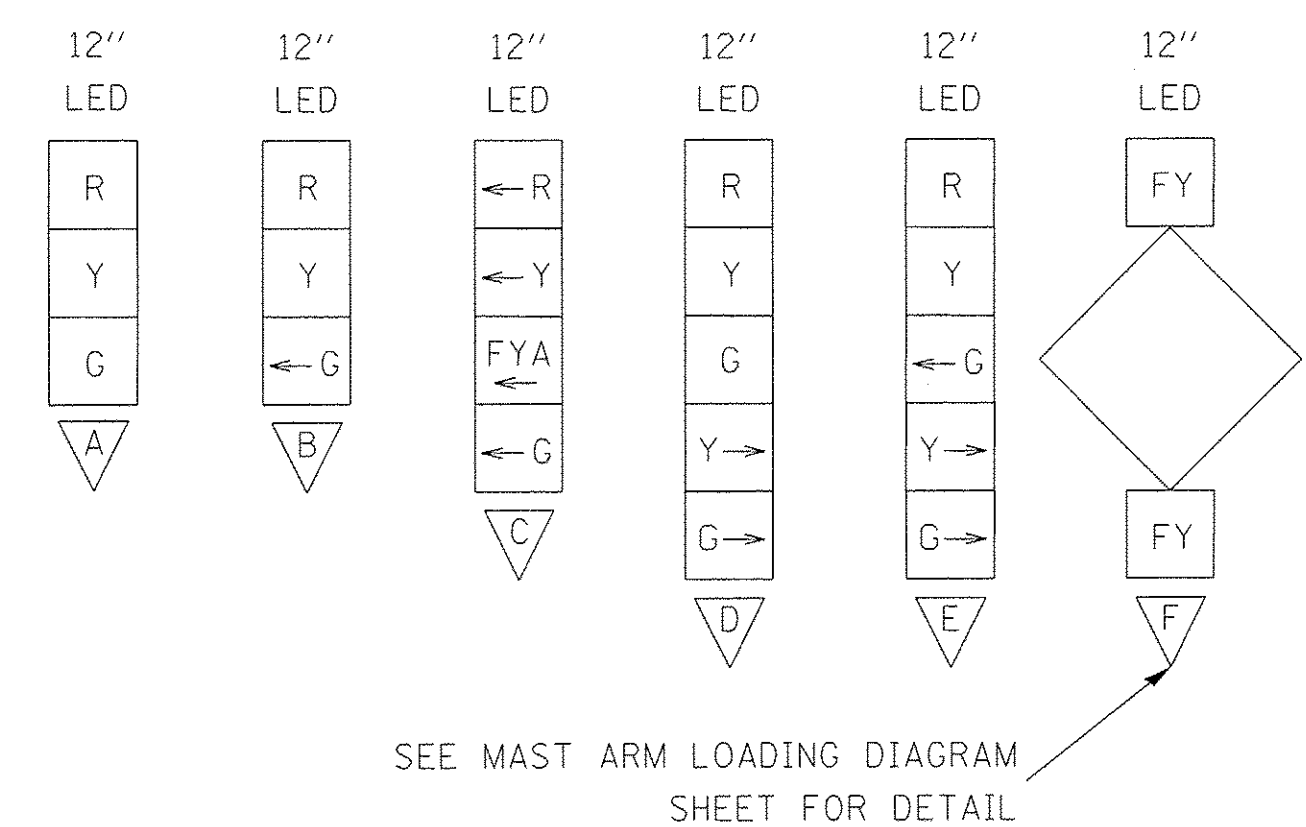
NOTES:

- ALL EXISTING SIGNAL EQUIPMENT TO BE REMOVED. CONTRACTOR IS TO RETURN EXISTING CABINET AND UPS TO THE CITY OF PEORIA, WITH ALL ELSE PROPERLY DISPOSED.
- THE EXISTING ALLEN ROAD INTERCONNECT SYSTEM RUNS ALONG THE EAST SIDE OF ALLEN ROAD. THE CONTRACTOR SHALL LOCATE THE EXISTING CONDUITS, PROVIDE A NEW CONDUIT CONNECTION TO THE PROPOSED SYSTEM, AND REUSE EXISTING FIBER OPTIC CABLE TO CONNECT THE INTERCONNECT SYSTEM TO THE PROPOSED CABINET. LABOR AND MATERIALS ASSOCIATED WITH THE CONDUIT INSTALLATION WILL BE PAID FOR AS UNDERGROUND CONDUIT, PVC, 2" DIA. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR ACTIVITIES ASSOCIATED WITH PULLING THE EXISTING FIBER OPTIC CABLE THROUGH EXISTING OR PROPOSED CONDUITS.



TRAFFIC SIGNAL PLAN LEGEND

PROPOSED	DESCRIPTION
[Symbol]	SIGNAL HEAD WITH BACKPLATE
[Symbol]	SIGNAL POST
[Symbol]	CONTROLLER
[Symbol]	HANDHOLE
[Symbol]	DOUBLE HANDHOLE
[Symbol]	PEDESTRIAN COUNTDOWN SIGNAL HEAD
[Symbol]	PUSH BUTTON
[Symbol]	PEDESTRIAN PUSH BUTTON POST
[Symbol]	CONDUIT
[Symbol]	LENGTH
[Symbol]	SIZE - TYPE (S=STEEL P=PVC F=FIBER DUCT)
[Symbol]	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
[Symbol]	LUMINAIRE ON MAST ARM POLE
[Symbol]	EMERGENCY VEHICLE PREEMPTION DETECTOR
[Symbol]	CONFIRMATION BEACON
[Symbol]	VIDEO VEHICLE DETECTOR
[Symbol]	UNINTERRUPTIBLE POWER SUPPLY
[Symbol]	HOME PTZ CAMERA ASSEMBLY
[Symbol]	FOUNDATION TYPE - DIAMETER (INCHES) - DEPTH (FEET)



HANDHOLE DATA

NO.	STATION	OFFSET	DESCRIPTION
H1	1815+89	74' RT	DOUBLE HANDHOLE
H2	1815+42	51' RT	HANDHOLE
H3	1814+87	67' RT	HANDHOLE
H4	1815+33	38' LT	HANDHOLE

POST AND MAST ARM DATA

NO.	STATION	OFFSET	DESCRIPTION	FDN.
C1	1815+96	79' RT	CONTROLLER CABINET AND FOUNDATION, TYPE IV	D
P1	1815+86	68' RT	STEEL MAST ARM ASSEMBLY AND POLE	E-36D-15'
P4	1815+38	41' RT	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	A-24D-3'
P6	1814+93	86' RT	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 10 FT.	A-24D-3'
P7	1814+68	61' RT	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	A-24D-3'
P8	1814+82	41' LT	STEEL MAST ARM ASSEMBLY AND POLE	E-36D-13'
P9	1815+00	39' LT	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT.	A-24D-3'
P10	1815+38	41' LT	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT.	A-24D-3'
P11	1816+19	50' RT	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT.	A-24D-3'
P12	1810+16	43' RT	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	A-24D-3'
P13	1819+58	39' LT	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	A-24D-3'

LAYOUT	JCK	11/28/16
DRAWN	JCK	11/28/16
REVIEWED	KNB	3/14/17

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DATE - 03/22/17	REVISED -	CHECKED - KNB	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD AND ALLEN ROAD
 SIGNAL PLAN**

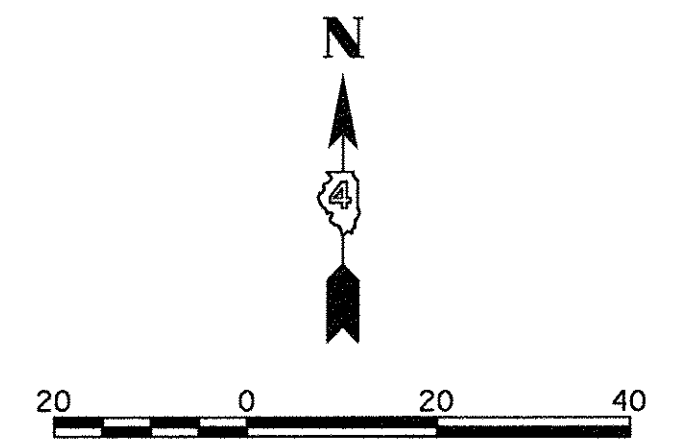
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F.A.U. RTE. 6647	SECTION 05-00302-00-PV	COUNTY PEORIA	TOTAL SHEETS 385	SHEET NO. 184
CONTRACT NO.89386				ILLINOIS FED. AID PROJECT M-5093(136)

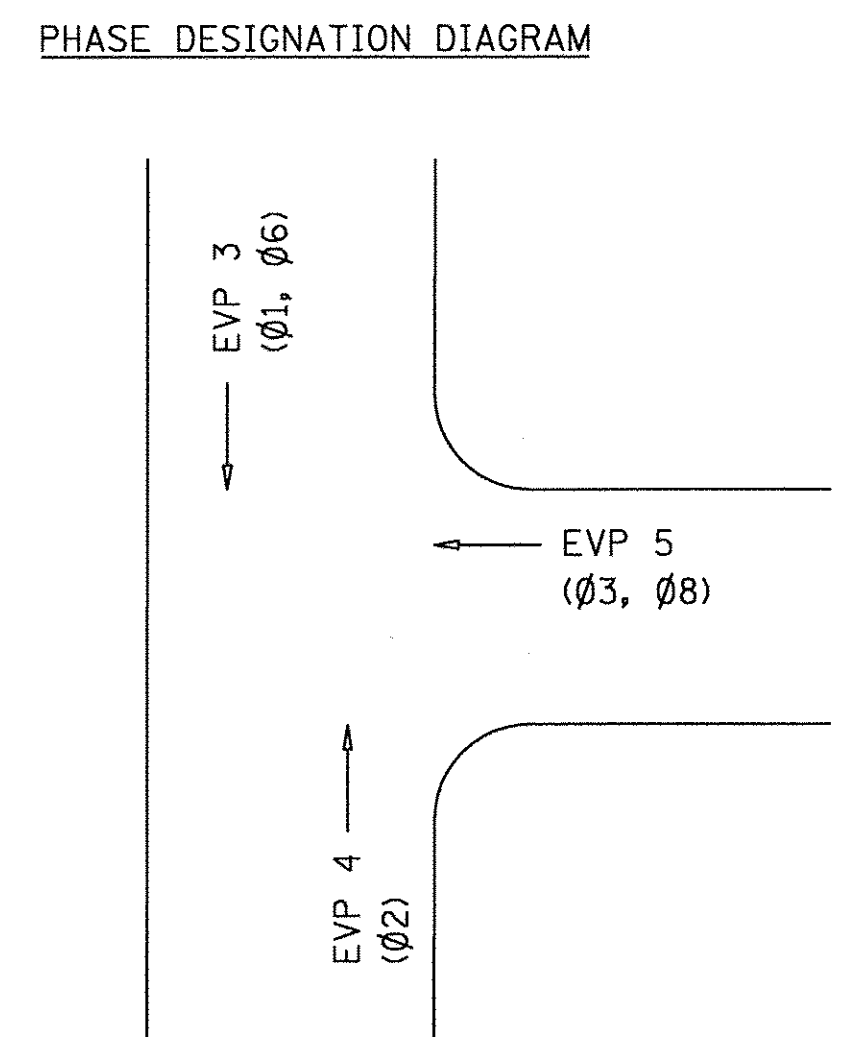
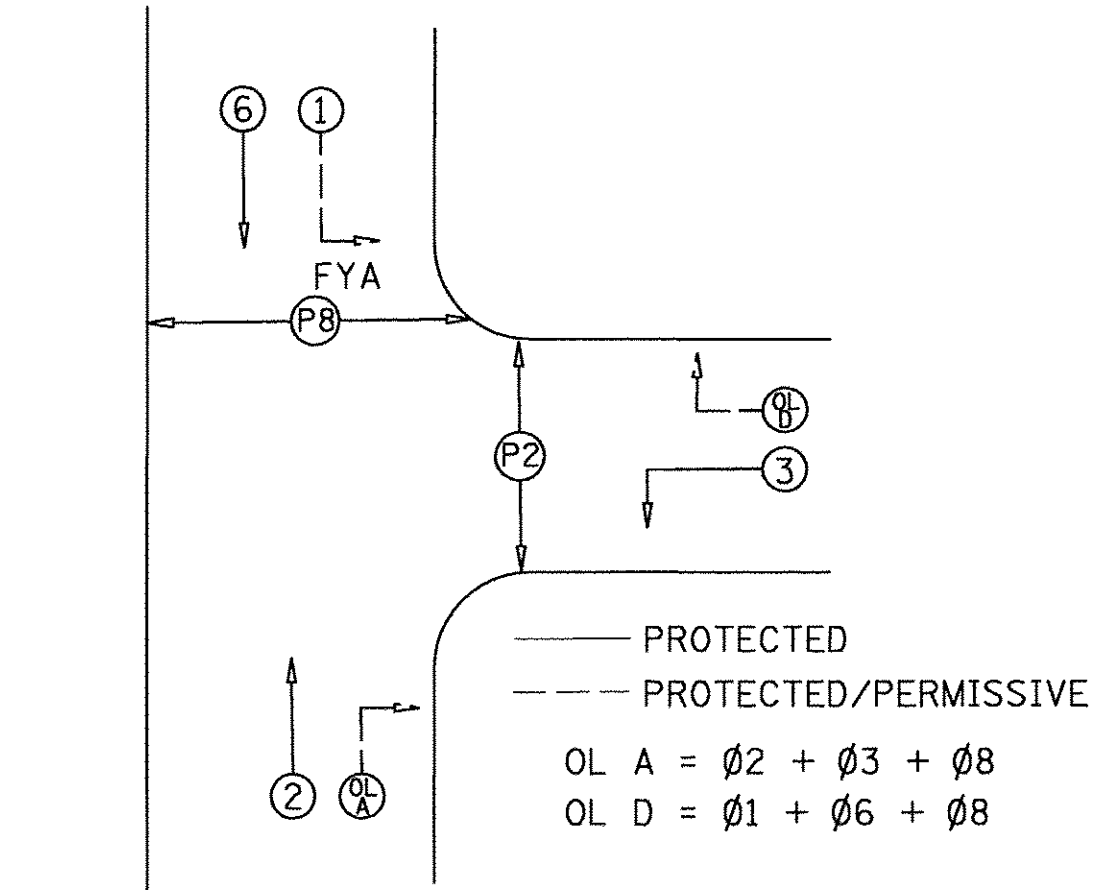
TRAFFIC SIGNAL GENERAL NOTES

1. THE LOCATIONS FOR HANDHOLES, PEDESTRIAN PUSH BUTTON POST FOUNDATIONS, TRAFFIC SIGNAL POST FOUNDATIONS, AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE RESIDENT ENGINEER SHALL BE NOTIFIED FOR LOCATION VERIFICATION PRIOR TO INSTALLATION.
2. POST MOUNTED SIGNAL HEADS WILL BE INSTALLED SUCH THAT NO PART OF THE SIGNAL HEAD IS WITHIN TWO (2) FEET OF THE FACE OF CURB. MAST ARM POLES WILL BE PLACED SUCH THAT A MINIMUM DISTANCE OF SIX (6) FEET IS MAINTAINED BETWEEN THE CENTER OF THE POLE AND THE FACE OF CURB (ON THE MAST ARM SIDE). PEDESTRIAN PUSH BUTTONS SHALL BE LOCATED WITHIN 3" OF THE EDGE OF SIDEWALK.
3. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES.
4. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
5. A 1/4" DIAMETER CONTINUOUS NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THE ROPE COST SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE CONDUIT PAY ITEM.
6. ALL EXISTING TRAFFIC SIGNAL EQUIPMENT, EXCEPT ELECTRICAL SERVICE, SHALL BE REMOVED AND PROPERLY DISPOSED. EXISTING CABINET, LIGHTING CONTROLLER, AND UPS TO BE RETURNED TO THE CITY OF PEORIA.
7. THE RED SECTIONS OF SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER. THE SIGNAL HEADS SHALL MAINTAIN A 16' MINIMUM VERTICAL CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
8. HANDHOLES SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
9. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2' MINIMUM DEPTH OR IN AN INDIRECT ROUTE TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
10. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THE WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.
11. ALL TRAFFIC SIGNAL MAST ARMS, POSTS, HANDHOLE LIDS AND RIGS, HANDHOLE FRAMES, CONTROLLER CABINETS, SERVICE RISERS, EXPOSED METALLIC CONDUITS, AND PHOTOCCELL RELAYS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS.
12. ALL CABLES SHALL RUN TO THE CONTROLLER. NO SPLICING WILL BE ALLOWED, EXCEPT AS SHOWN.
13. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.

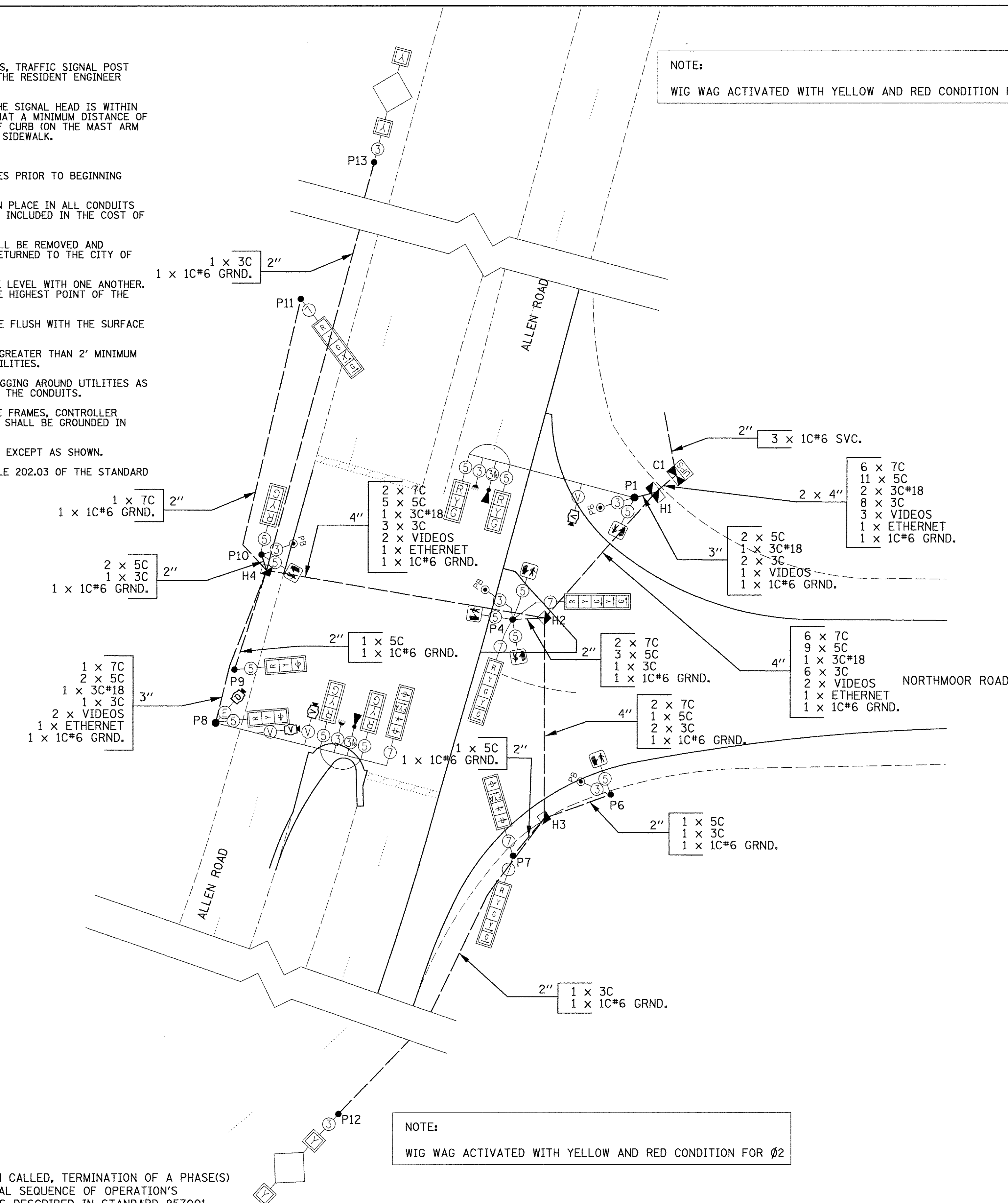
NOTE:
WIG WAG ACTIVATED WITH YELLOW AND RED CONDITION FOR Ø6



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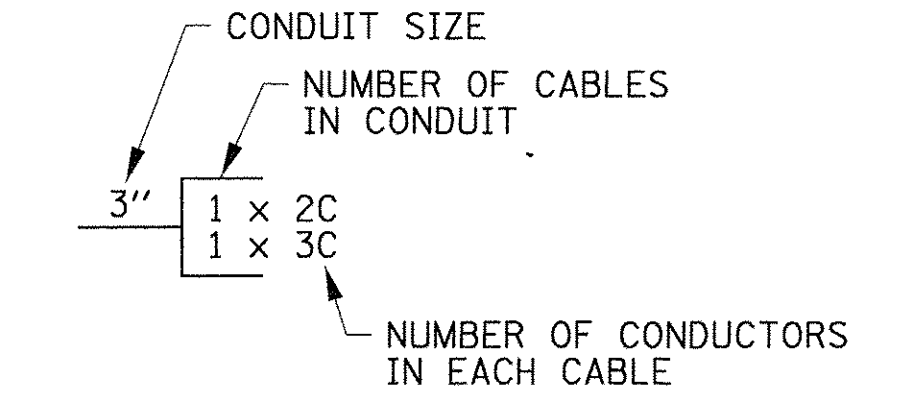
- PREEMPTION NOTES:**
1. ONCE PREEMPTION HAS BEEN CALLED, TERMINATION OF A PHASE(S) SHALL BE IDENTICAL TO NORMAL SEQUENCE OF OPERATION'S TERMINATION OF A PHASE(S) AS DESCRIBED IN STANDARD 857001.
 2. ALL RED CLEARANCE INTERVALS MUST BE DISPLAYED AFTER THE YELLOW CLEARANCE INTERVAL WHEN ENTERING OR LEAVING THE PREEMPTION SEQUENCE.



NOTE:
WIG WAG ACTIVATED WITH YELLOW AND RED CONDITION FOR Ø2

TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

- | PROPOSED | DESCRIPTION |
|-------------------|--|
| ⑤ | ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS |
| V | VIDEO POWER AND COMMUNICATION CABLES |
| E | CAT 5 ETHERNET CABLE |
| [Signal Face] | SIGNAL FACE WITH BACKPLATE |
| [12" Section] | 12" SIGNAL SECTION |
| [Pedestrian Face] | PEDESTRIAN SIGNAL FACE |
| [Handhole] | HANDHOLE |
| [Double Handhole] | DOUBLE HANDHOLE |
| [Controller] | CONTROLLER |
| ● | MAST ARM POLE OR SIGNAL POST |
| ■ | PEDESTRIAN PUSH BUTTON POST |
| ⊙PB | PEDESTRIAN PUSH BUTTON |
| ⊙V | VIDEO VEHICLE DETECTION WITH CABLES |
| ⊙D | DOME PTZ CAMERA ASSEMBLY |
| ⊙E | EMERGENCY VEHICLE PREEMPTION DETECTOR |
| ⊙ | CONFIRMATION BEACON |
| UPS | UNINTERRUPTIBLE POWER SUPPLY |



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DRAWN	JGK	11/28/16
REVIEWED	KNB	3/14/17

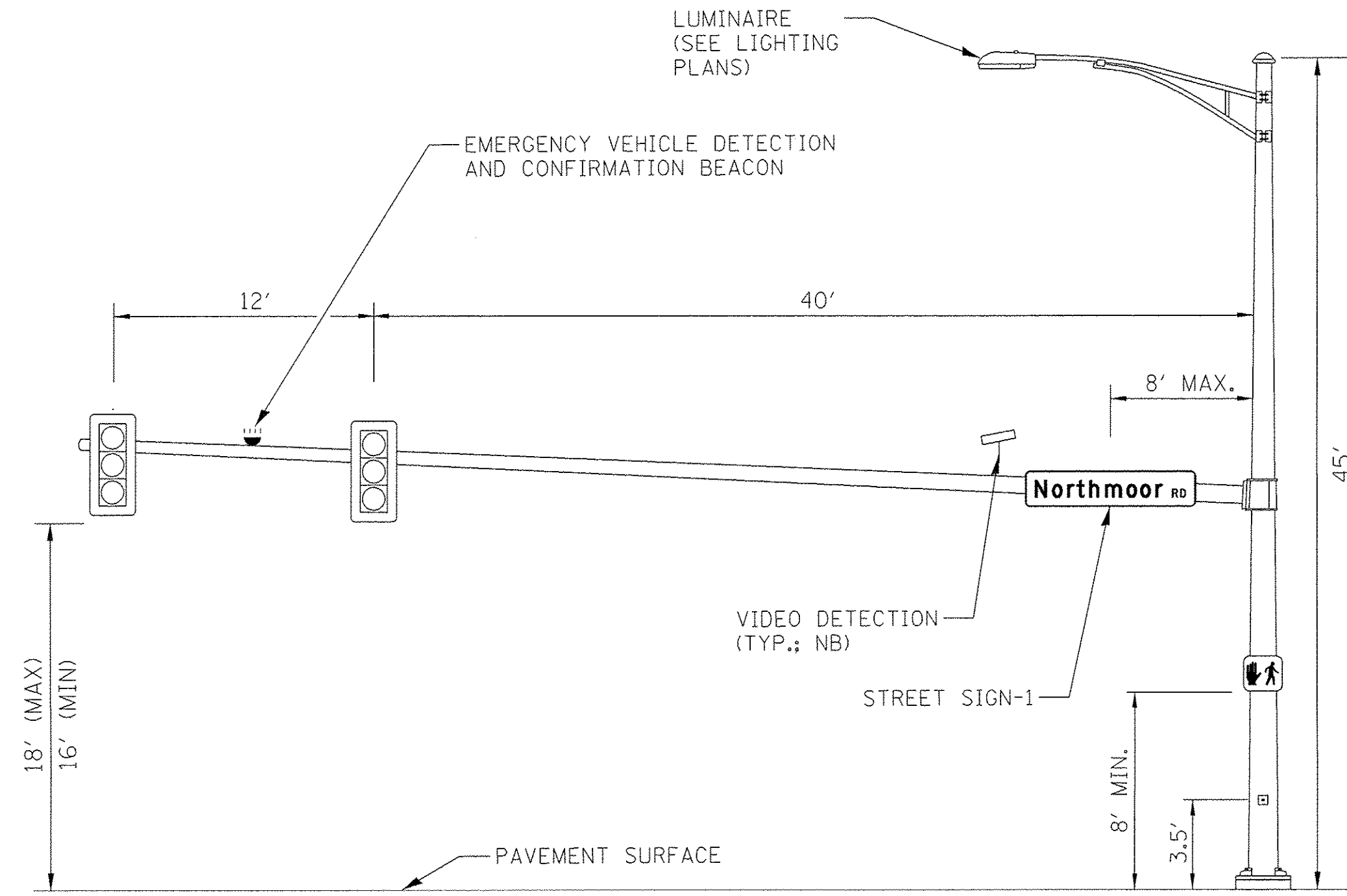
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

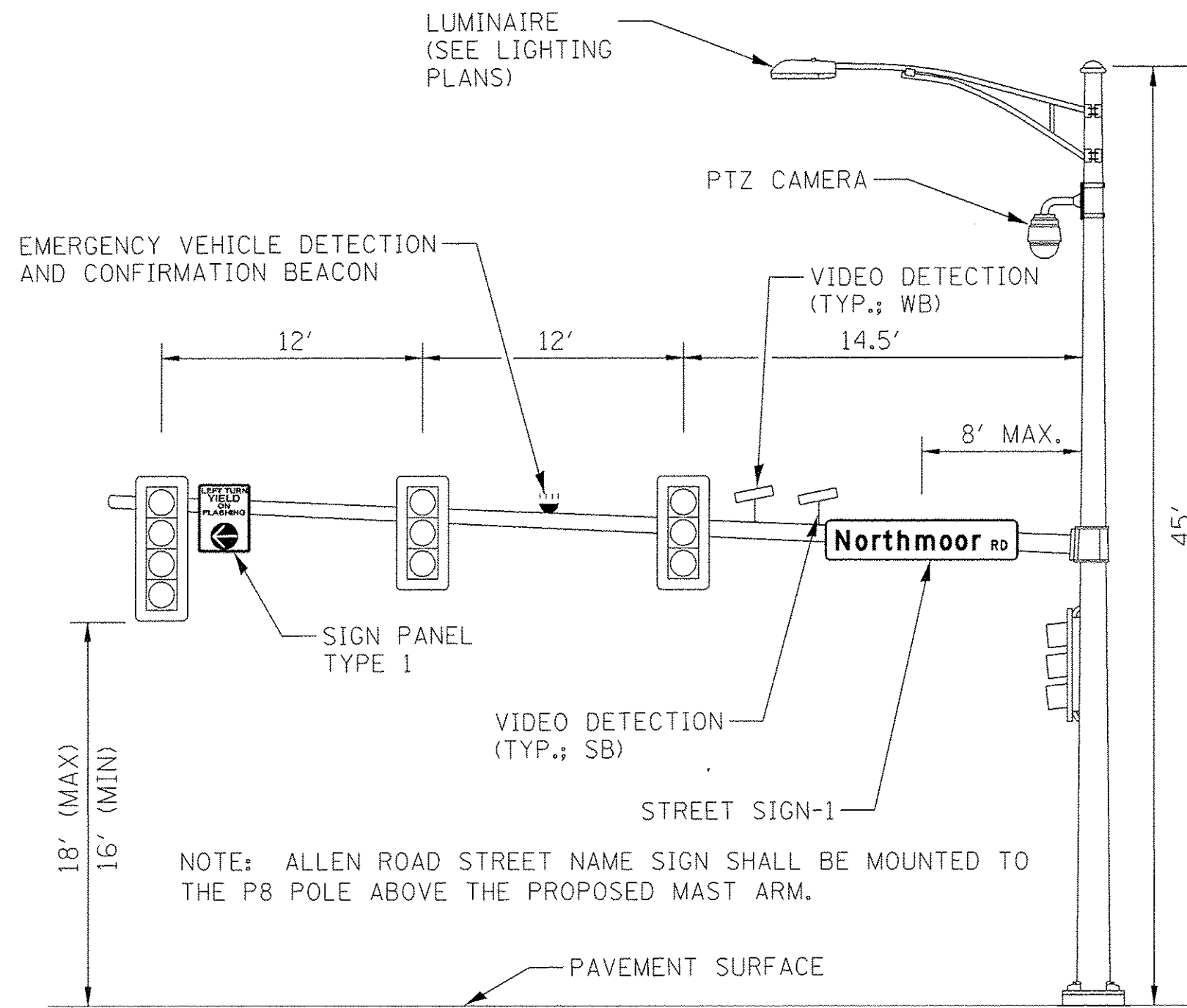
**NORTHMOOR ROAD AND ALLEN ROAD
CABLE PLAN**

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

F.A.U. RTE. 6647	SECTION 05-00302-00-PV	COUNTY PEORIA	TOTAL SHEETS 385	SHEET NO. 185
CONTRACT NO. 89386				ILLINOIS FED. AID PROJECT M-5093(136)



ALLEN ROAD AND NORTHMOOR ROAD (P1)
NORTHEAST QUADRANT (54')
 (NOT TO SCALE)

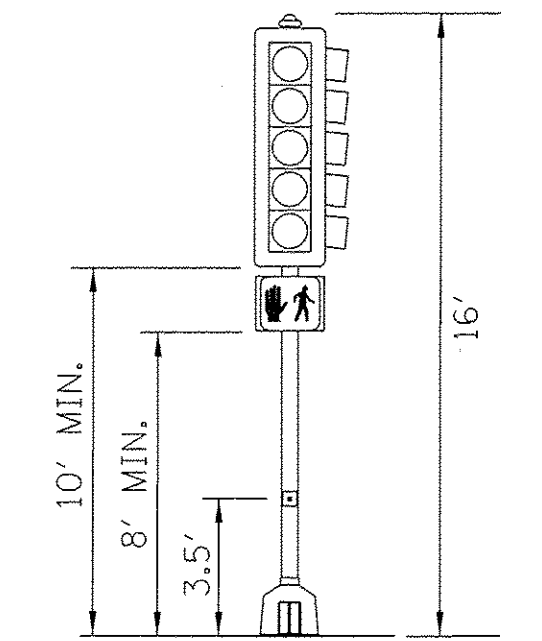


ALLEN ROAD AND NORTHMOOR ROAD (P8)
SOUTHWEST QUADRANT (40')
 (NOT TO SCALE)

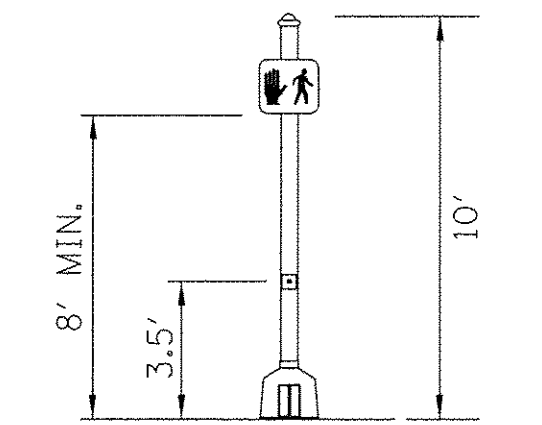
NOTE: ALLEN ROAD STREET NAME SIGN SHALL BE MOUNTED TO THE P8 POLE ABOVE THE PROPOSED MAST ARM.

VIDEO DETECTION NOTE

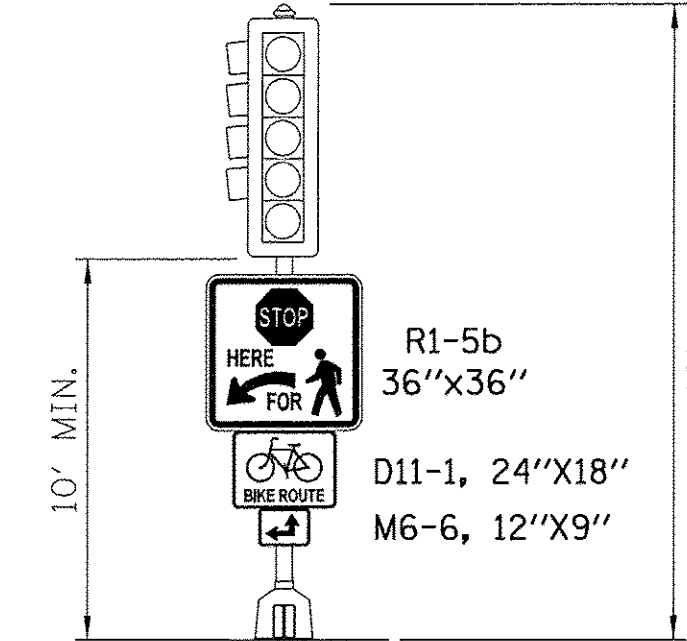
FINAL PLACEMENT FOR CAMERA LOCATIONS WILL BE FIELD VERIFIED FOR PROPER FUNCTIONALITY.



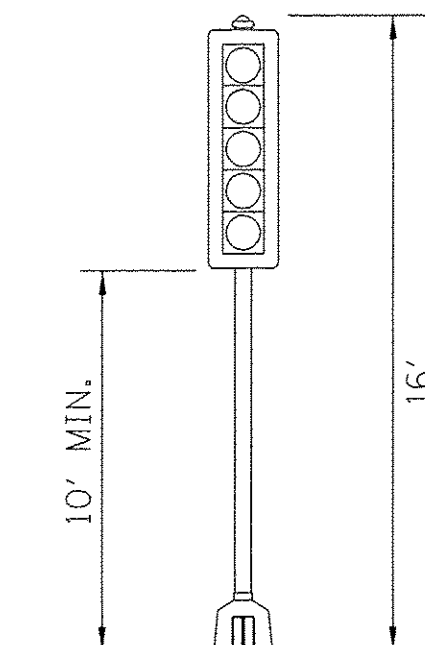
ALLEN ROAD AND NORTHMOOR ROAD (P4)
 (NOT TO SCALE)



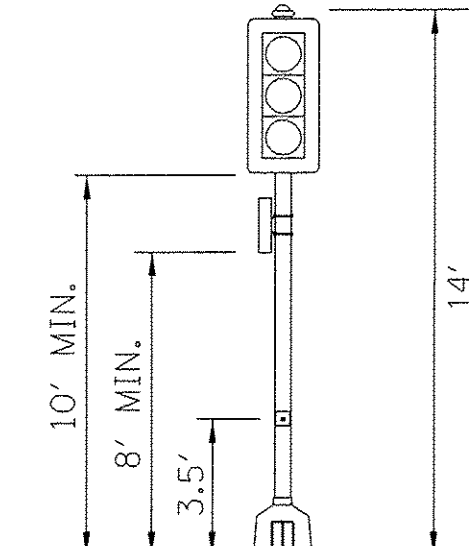
ALLEN ROAD AND NORTHMOOR ROAD (P6)
 (NOT TO SCALE)



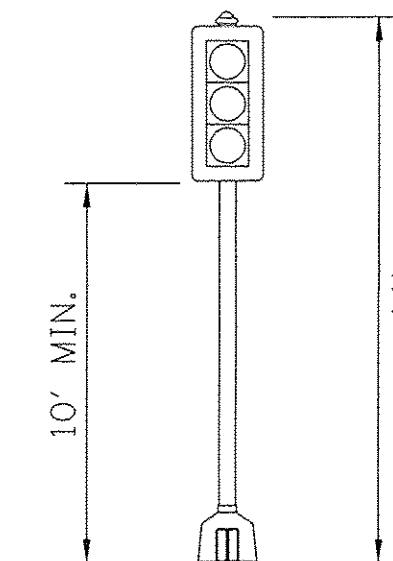
ALLEN ROAD AND NORTHMOOR ROAD (P7)
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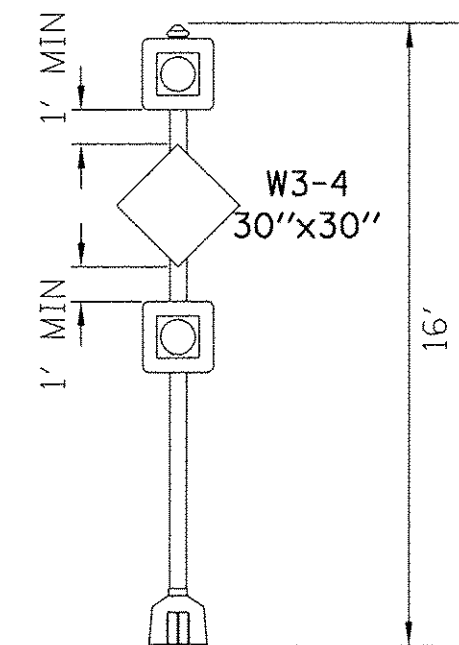
ALLEN ROAD AND NORTHMOOR ROAD (P9)
 (NOT TO SCALE)



ALLEN ROAD AND NORTHMOOR ROAD (P10)
 (NOT TO SCALE)



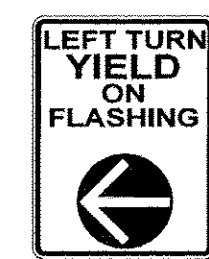
ALLEN ROAD AND NORTHMOOR ROAD (P11)
 (NOT TO SCALE)



ALLEN ROAD (P12 & P13)
 (NOT TO SCALE)

NOTE:
 EXISTING W3-3 SIGNS LOCATED AT APPROXIMATE STATIONS 1806+00 AND 1823+94 SHALL REMAIN, EXISTING W3-3 SIGN LOCATED AT 1810+41 SHALL BE REMOVED BY OTHERS.

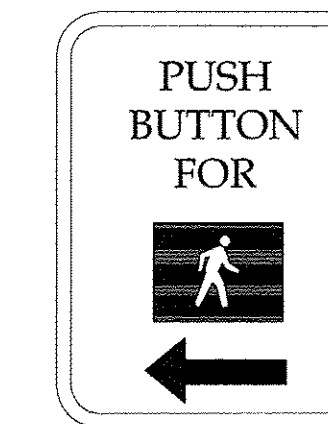
PEDESTRIAN CROSSING SIGN DETAIL (P1, P4, P6, P10)
 (NOT TO SCALE)



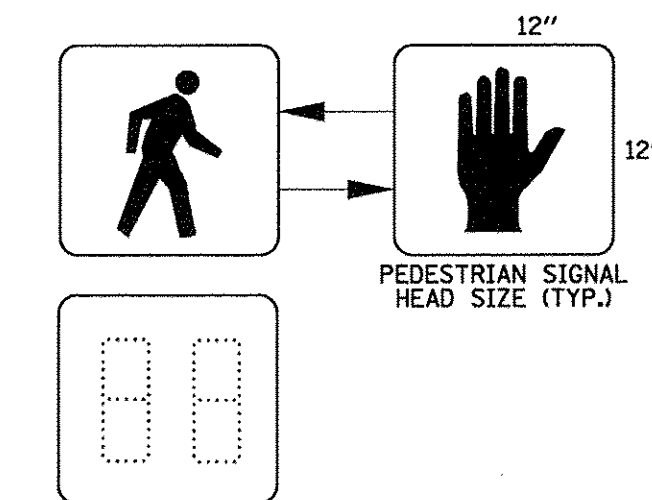
24" x 30"

SIGN PANEL TYPE 1 (P8)

SIGN BACKGROUND: WHITE
 SIGN LETTERING: BLACK
 1 REQUIRED = 5.0 SQ FT



4 REQUIRED
 PEDESTRIAN PUSH BUTTON SIGN
 MUTCD R10-4B (L & R)
 9" X 12" = 3.0 SQ FT



PEDESTRIAN COUNTDOWN SIGNAL DISPLAY DETAIL (P1, P4, P6, P10)
 (NOT TO SCALE)

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DRAWN	JGK	11/28/16
REVIEWED	KNB	3/14/17

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DESIGNED -	JGK
REVISIONS	
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CHECKED -	KNB
DATE -	03/22/17

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

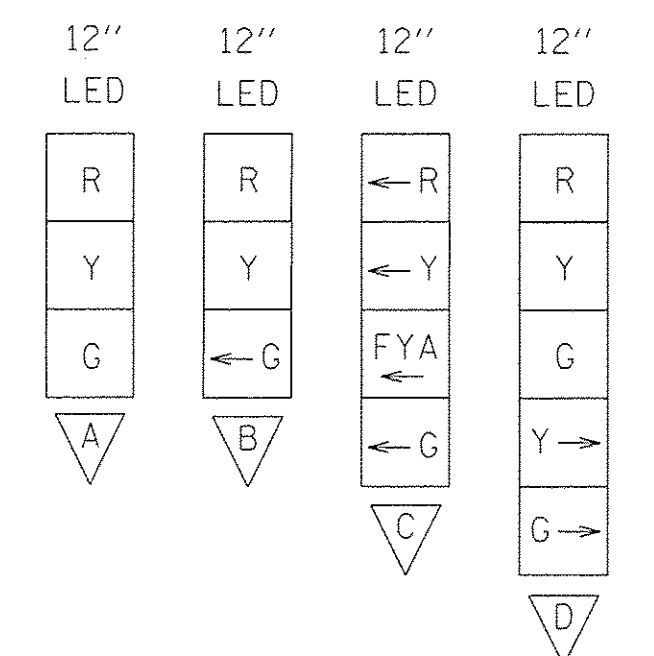
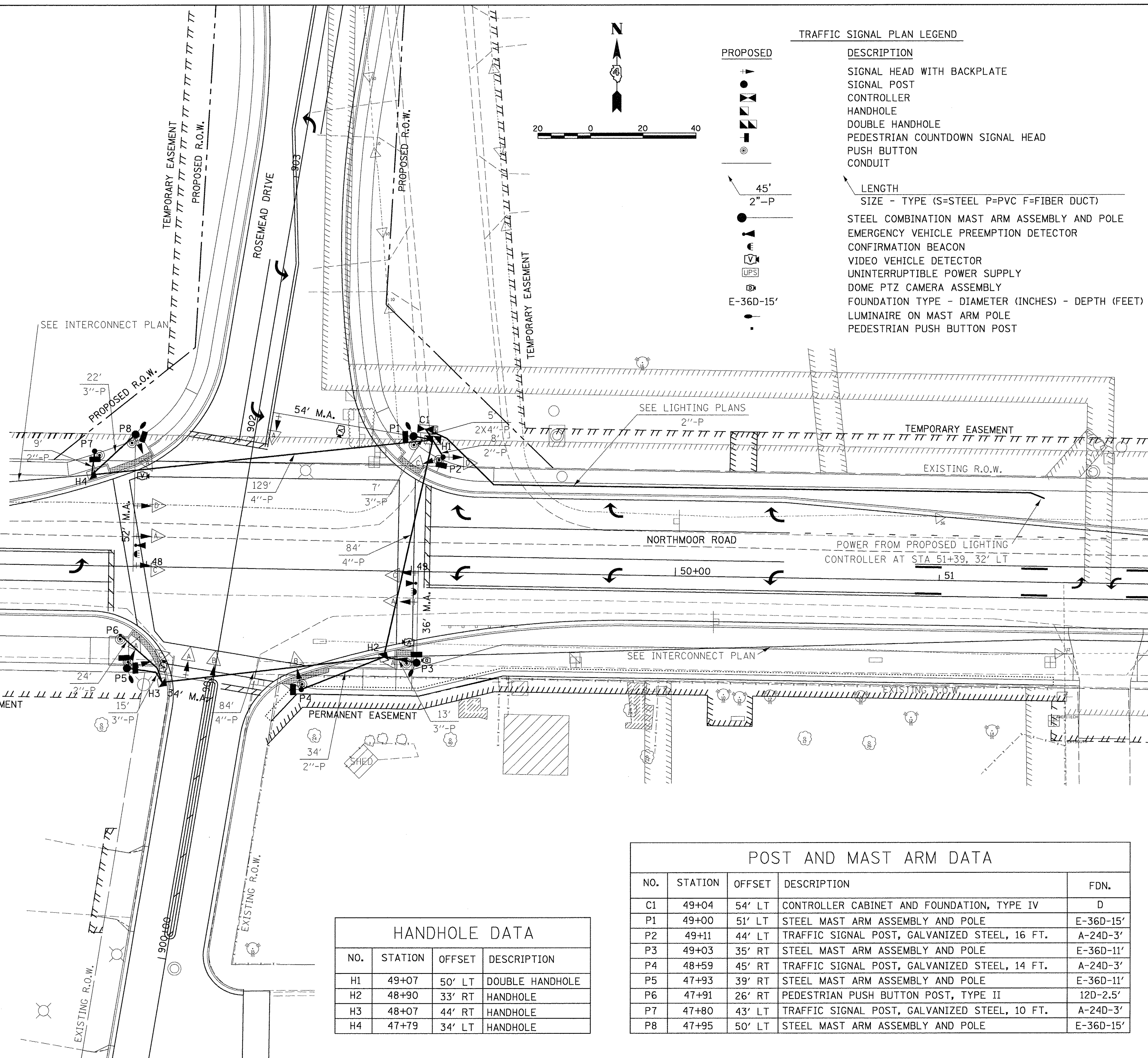
**NORTHMOOR ROAD AND ALLEN ROAD
 MAST ARM LOADING DIAGRAM**

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	186
CONTRACT NO.89386			ILLINOIS FED. AID PROJECT M-5093(136)	

DESCRIPTION	UNIT	QUANTITY
SIGN PANEL - TYPE 1	SQFT	34
UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	243
UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	75
UNDERGROUND CONDUIT, PVC, 3" DIA.	FOOT	57
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	307
HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	3
DOUBLE HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	1
UNINTERRUPTIBLE POWER SUPPLY, STANDARD	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	1633
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	2986
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 7C	FOOT	985
ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 18 3 PAIR	FOOT	423
ELECTRIC CABLE IN CONDUIT, SERVICE NO. 6 1C	FOOT	747
ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	612
TRAFFIC SIGNAL POST, GALVANIZED STEEL 10 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 14 FT.	EACH	1
TRAFFIC SIGNAL POST, GALVANIZED STEEL 16 FT.	EACH	1
PEDESTRIAN PUSH-BUTTON POST, TYPE II	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 34 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 36 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 52 FT.	EACH	1
STEEL COMBINATION MAST ARM ASSEMBLY AND POLE 54 FT.	EACH	1
CONCRETE FOUNDATION, TYPE A	FOOT	9
CONCRETE FOUNDATION, TYPE D	FOOT	3
CONCRETE FOUNDATION, TYPE E 36-INCH DIAMETER	FOOT	52
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, BRACKET MOUNTED	EACH	4
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 3-SECTION, MAST ARM MOUNTED	EACH	5
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, BRACKET MOUNTED	EACH	2
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 4-SECTION, MAST ARM MOUNTED	EACH	2
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, BRACKET MOUNTED	EACH	1
SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 5-SECTION, MAST ARM MOUNTED	EACH	1
PEDESTRIAN SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, BRACKET MOUNTED WITH COUNT DOWN TIMER	EACH	8
TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	15
CONFIRMATION BEACON	EACH	2
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	2
PEDESTRIAN PUSH-BUTTON	EACH	8
TRAFFIC SIGNAL BATTERY BACKUP SYSTEM	EACH	1
VIDEO VEHICLE DETECTION, 4 CAMERAS	EACH	1
CLOSED CIRCUIT TELEVISION DOME CAMERA, IP BASED	EACH	1
CAT 5 ETHERNET CABLE	FOOT	168
FULL-ACTUATED CONTROLLER AND TYPE IV CABINET, SPECIAL	EACH	1
FIBER OPTIC ETHERNET DROP AND REPEAT SWITCH	EACH	1

PROPOSED	DESCRIPTION
	SIGNAL HEAD WITH BACKPLATE
	SIGNAL POST
	CONTROLLER
	HANDHOLE
	DOUBLE HANDHOLE
	PEDESTRIAN COUNTDOWN SIGNAL HEAD
	PUSH BUTTON
	CONDUIT
	LENGTH
	SIZE - TYPE (S=STEEL P=PVC F=FIBER DUCT)
	STEEL COMBINATION MAST ARM ASSEMBLY AND POLE
	EMERGENCY VEHICLE PREEMPTION DETECTOR
	CONFIRMATION BEACON
	VIDEO VEHICLE DETECTOR
	UNINTERRUPTIBLE POWER SUPPLY
	DOME PTZ CAMERA ASSEMBLY
	FOUNDATION TYPE - DIAMETER (INCHES) - DEPTH (FEET)
	LUMINAIRE ON MAST ARM POLE
	PEDESTRIAN PUSH BUTTON POST



NO.	STATION	OFFSET	DESCRIPTION
H1	49+07	50' LT	DOUBLE HANDHOLE
H2	48+90	33' RT	HANDHOLE
H3	48+07	44' RT	HANDHOLE
H4	47+79	34' LT	HANDHOLE

NO.	STATION	OFFSET	DESCRIPTION	FDN.
C1	49+04	54' LT	CONTROLLER CABINET AND FOUNDATION, TYPE IV	D
P1	49+00	51' LT	STEEL MAST ARM ASSEMBLY AND POLE	E-36D-15'
P2	49+11	44' LT	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 16 FT.	A-24D-3'
P3	49+03	35' RT	STEEL MAST ARM ASSEMBLY AND POLE	E-36D-11'
P4	48+59	45' RT	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 14 FT.	A-24D-3'
P5	47+93	39' RT	STEEL MAST ARM ASSEMBLY AND POLE	E-36D-11'
P6	47+91	26' RT	PEDESTRIAN PUSH BUTTON POST, TYPE II	12D-2.5'
P7	47+80	43' LT	TRAFFIC SIGNAL POST, GALVANIZED STEEL, 10 FT.	A-24D-3'
P8	47+95	50' LT	STEEL MAST ARM ASSEMBLY AND POLE	E-36D-15'

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LAYOUT	JGK	11/28/16
DRAWN	JGK	11/28/16
REVIEWED	KNB	3/14/17
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CHECKED	KNB	
DATE		03/22/2017

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

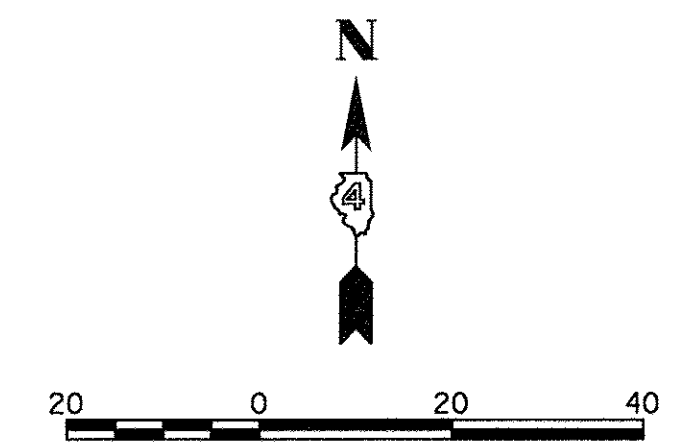
**NORTHMOOR ROAD AND EXPO ENTRANCE
SIGNAL PLAN**

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

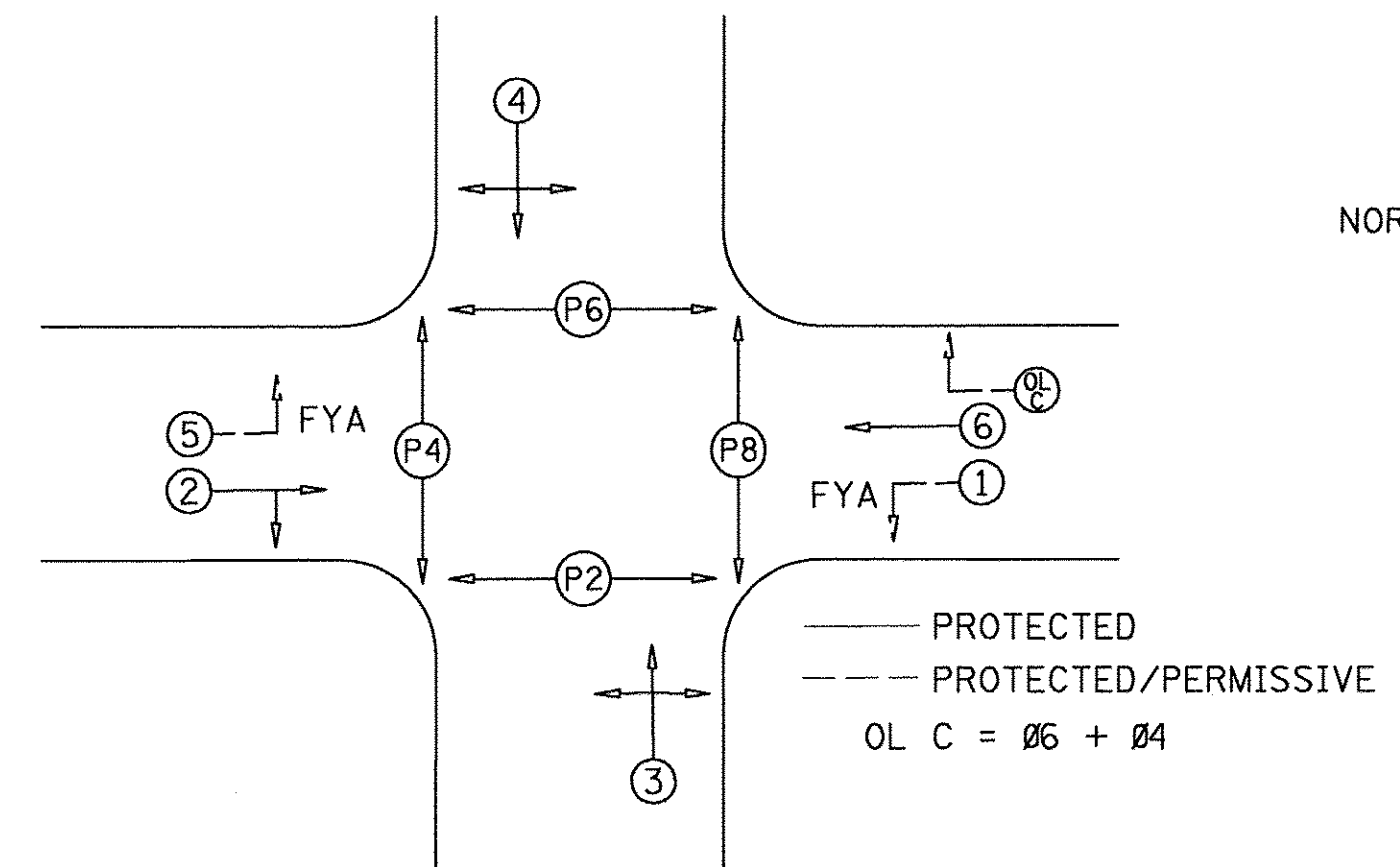
F.A.U. RTE. 6647	SECTION 05-00302-00-PV	COUNTY PEORIA	TOTAL SHEETS 385	SHEET NO. 187
CONTRACT NO. 89386			ILLINOIS FED. AID PROJECT M-5093(136)	

TRAFFIC SIGNAL GENERAL NOTES

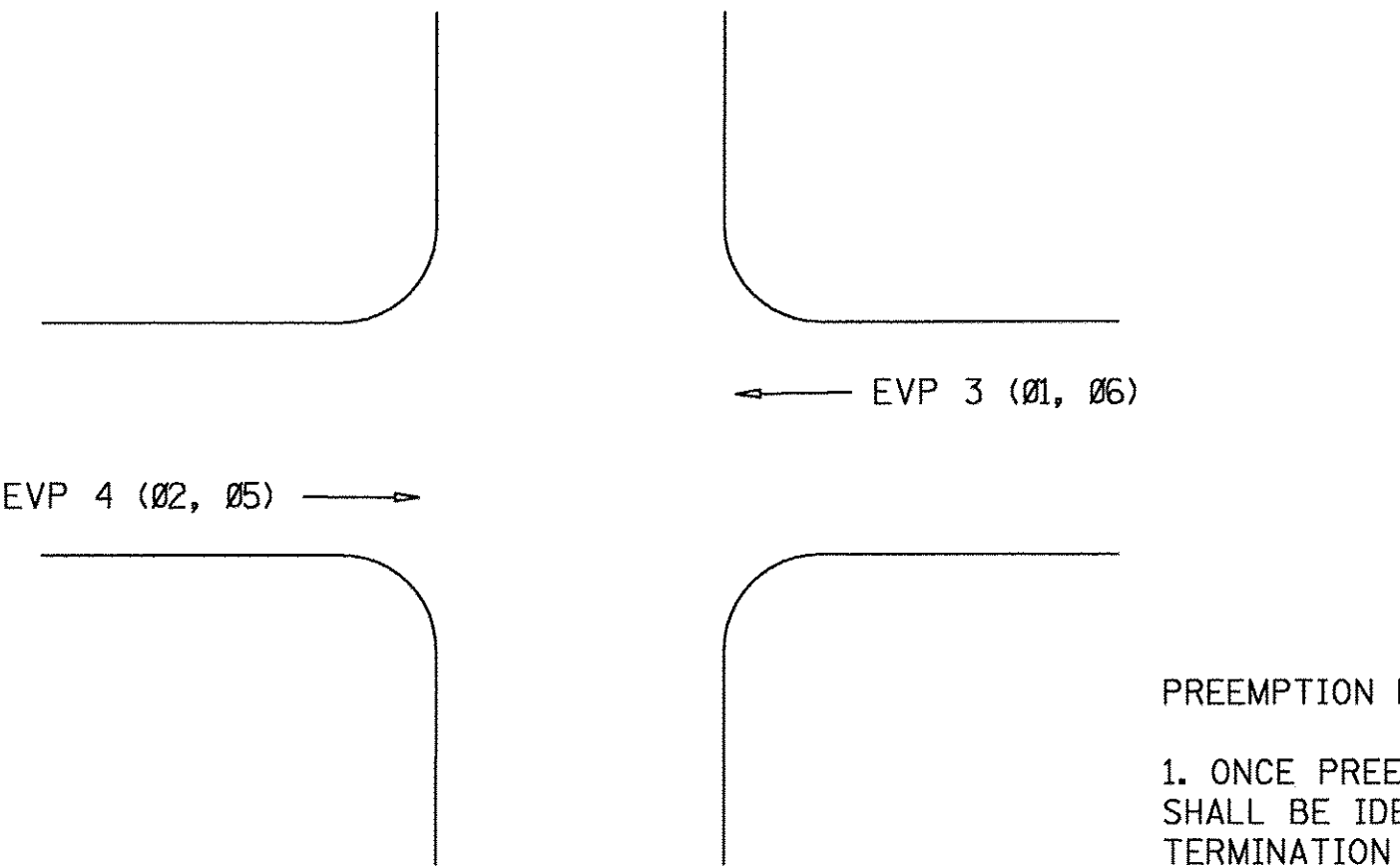
1. THE LOCATIONS FOR HANDHOLES, TRAFFIC SIGNAL POST FOUNDATIONS, AND MAST ARM FOUNDATIONS ARE PROVIDED FOR REFERENCE ONLY. THE RESIDENT ENGINEER SHALL BE NOTIFIED FOR LOCATION VERIFICATION PRIOR TO INSTALLATION.
2. POST MOUNTED SIGNAL HEADS WILL BE INSTALLED SUCH THAT NO PART OF THE SIGNAL HEAD IS WITHIN TWO (2) FEET OF THE FACE OF CURB. MAST ARM POLES WILL BE PLACED SUCH THAT A MINIMUM DISTANCE OF SIX (6) FEET IS MAINTAINED BETWEEN THE CENTER OF THE POLE AND THE FACE OF CURB (ON THE MAST ARM SIDE).
3. ALL TRAFFIC SIGNAL SECTIONS SHALL HAVE 12" SINGLE LED LENSES.
4. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
5. A 1/4" DIAMETER CONTINUOUS NYLON ROPE SHALL BE FURNISHED AND LEFT IN PLACE IN ALL CONDUITS BETWEEN HANDHOLES AND FOUNDATIONS OR CONTROLLER. THE ROPE COST SHALL BE INCLUDED IN THE COST OF THE RESPECTIVE CONDUIT PAY ITEM.
6. THE RED SECTIONS OF SIGNAL HEADS SHARING THE SAME MAST ARM SHALL BE LEVEL WITH ONE ANOTHER. THE SIGNAL HEADS SHALL MAINTAIN A 16' MINIMUM VERTICAL CLEARANCE FROM THE HIGHEST POINT OF THE ROADWAY.
7. HANDHOLES SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
8. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2' MINIMUM DEPTH OR IN AN INDIRECT ROUTE TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
9. THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THE WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.
10. ALL TRAFFIC SIGNAL MAST ARMS, POSTS, HANDHOLE LIDS AND RIGS, HANDHOLE FRAMES, CONTROLLER CABINETS, SERVICE RISERS, EXPOSED METALLIC CONDUITS, AND PHOTOCCELL RELAYS SHALL BE GROUNDED IN ACCORDANCE WITH NEC REQUIREMENTS.
11. ALL CABLES SHALL RUN TO THE CONTROLLER. NO SPLICING WILL BE ALLOWED, EXCEPT AS SHOWN.
12. ALL SURPLUS MATERIALS SHALL BE DISPOSED OF IN ACCORDANCE WITH ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FOR THE TRAFFIC SIGNAL. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANY PRIOR TO THE COMMENCEMENT OF WORK TO OBTAIN UTILITY COMPANY REQUIREMENTS FOR THE SERVICE INSTALLATION. THE CONTRACTOR SHALL ARRANGE FOR A PERMIT AND INSPECTION OF THE SERVICE BY THE CITY OF PEORIA ELECTRICAL INSPECTOR. ELECTRICAL SERVICE LOCATION AND ASSOCIATED QUANTITIES MAY CHANGE.



PHASE DESIGNATION DIAGRAM

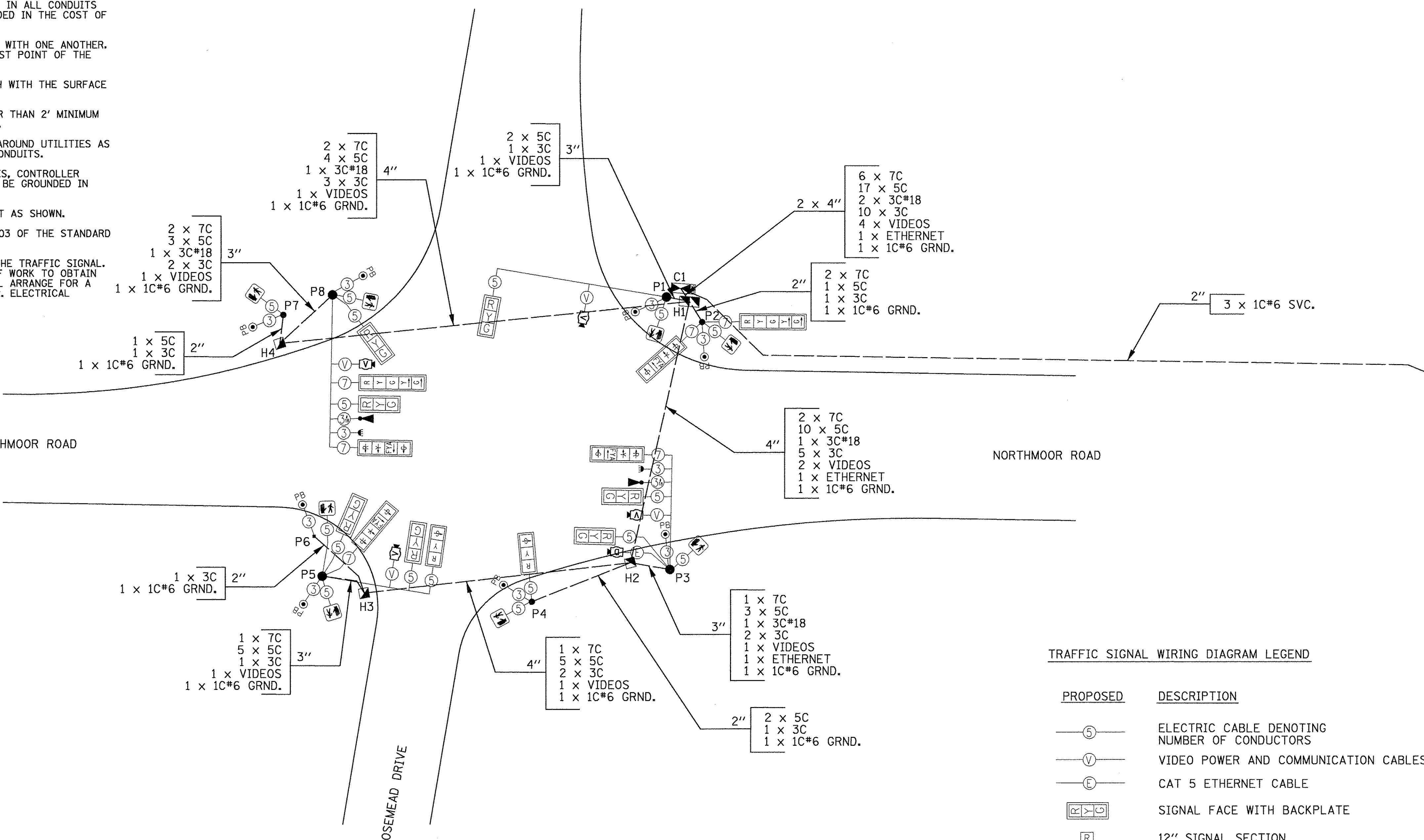


EMERGENCY VEHICLE PREEMPTION



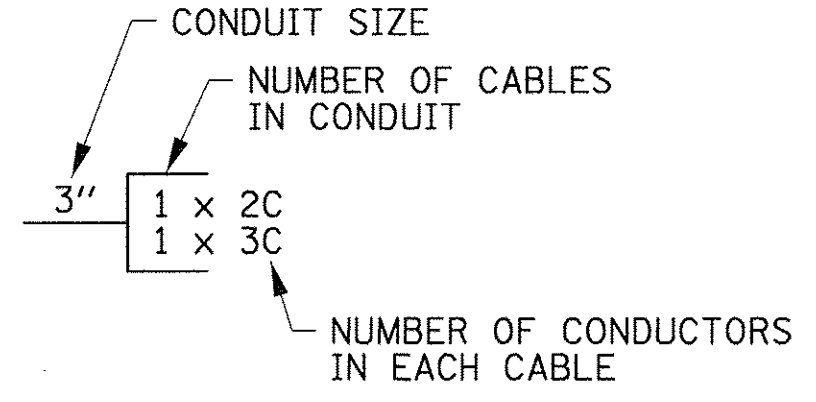
PREEMPTION NOTES:

1. ONCE PREEMPTION HAS BEEN CALLED, TERMINATION OF A PHASE(S) SHALL BE IDENTICAL TO NORMAL SEQUENCE OF OPERATION'S TERMINATION OF A PHASE(S) AS DESCRIBED IN STANDARD 857001.
2. ALL RED CLEARANCE INTERVALS MUST BE DISPLAYED AFTER THE YELLOW CLEARANCE INTERVAL WHEN ENTERING OR LEAVING THE PREEMPTION SEQUENCE.



TRAFFIC SIGNAL WIRING DIAGRAM LEGEND

PROPOSED	DESCRIPTION
—(5)—	ELECTRIC CABLE DENOTING NUMBER OF CONDUCTORS
—(V)—	VIDEO POWER AND COMMUNICATION CABLES
—(E)—	CAT 5 ETHERNET CABLE
[Symbol]	SIGNAL FACE WITH BACKPLATE
[R]	12" SIGNAL SECTION
[Symbol]	PEDESTRIAN SIGNAL FACE
[Symbol]	HANDHOLE
[Symbol]	DOUBLE HANDHOLE
[Symbol]	CONTROLLER AND UNINTERRUPTIBLE POWER SUPPLY (UPS)
[Symbol]	MAST ARM POLE OR SIGNAL POST
[Symbol]	PEDESTRIAN PUSH BUTTON
[Symbol]	VIDEO VEHICLE DETECTION WITH CABLE
[Symbol]	DOME PTZ CAMERA ASSEMBLY
[Symbol]	EMERGENCY VEHICLE PREEMPTION DETECTOR
[Symbol]	CONFIRMATION BEACON
[Symbol]	PEDESTRIAN PUSH BUTTON POST

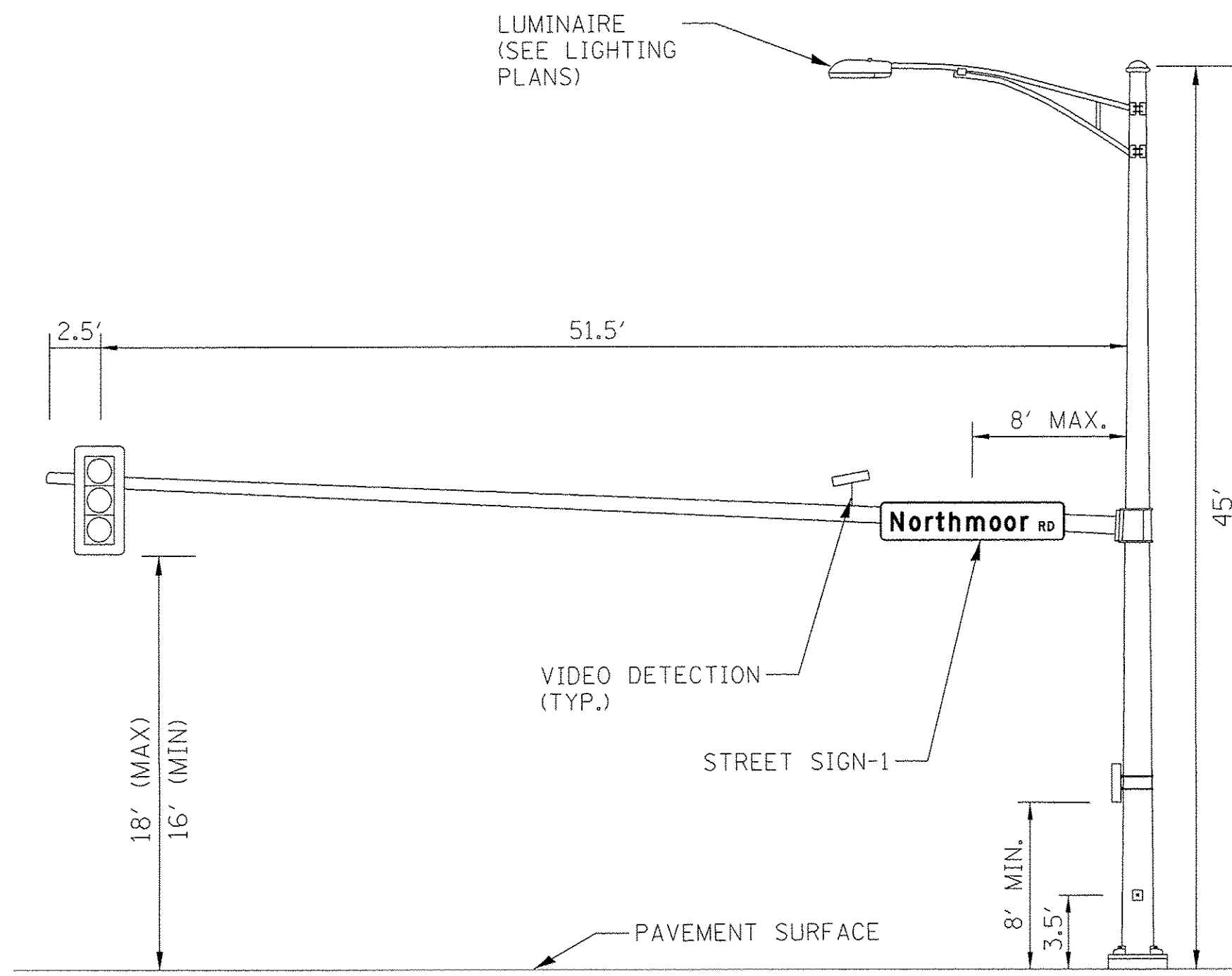


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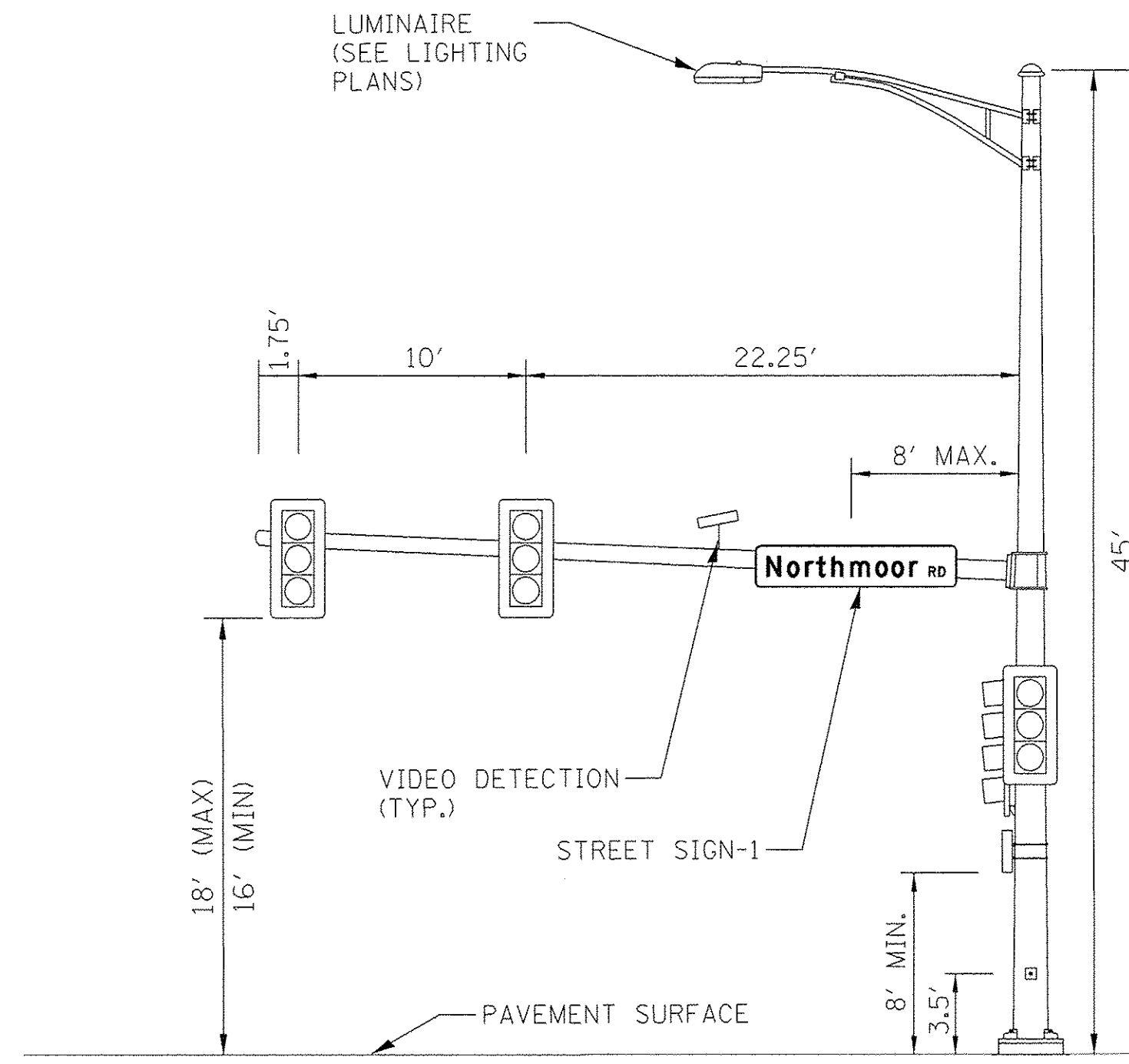
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DRAWN	JJK	11/28/16
REVIEWED	KNB	3/14/17

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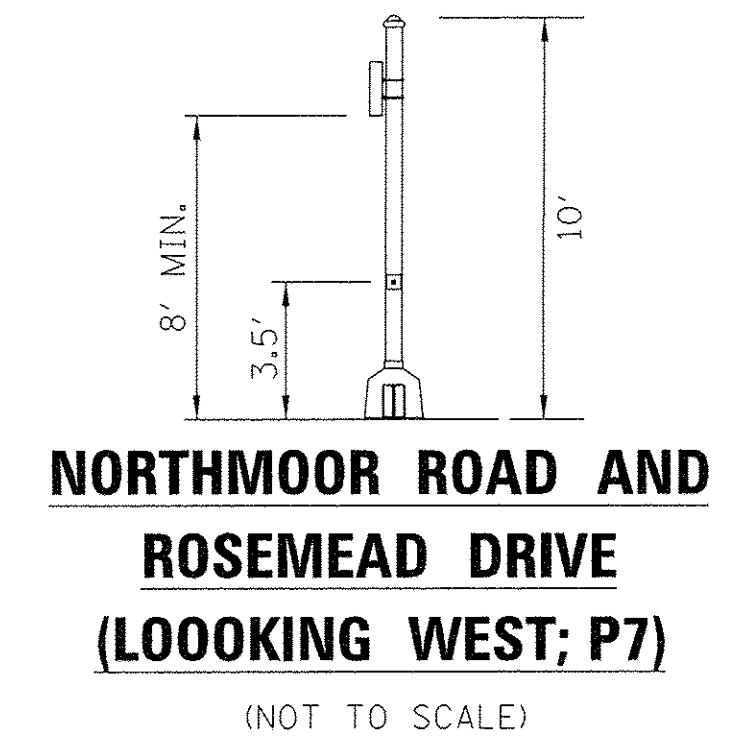
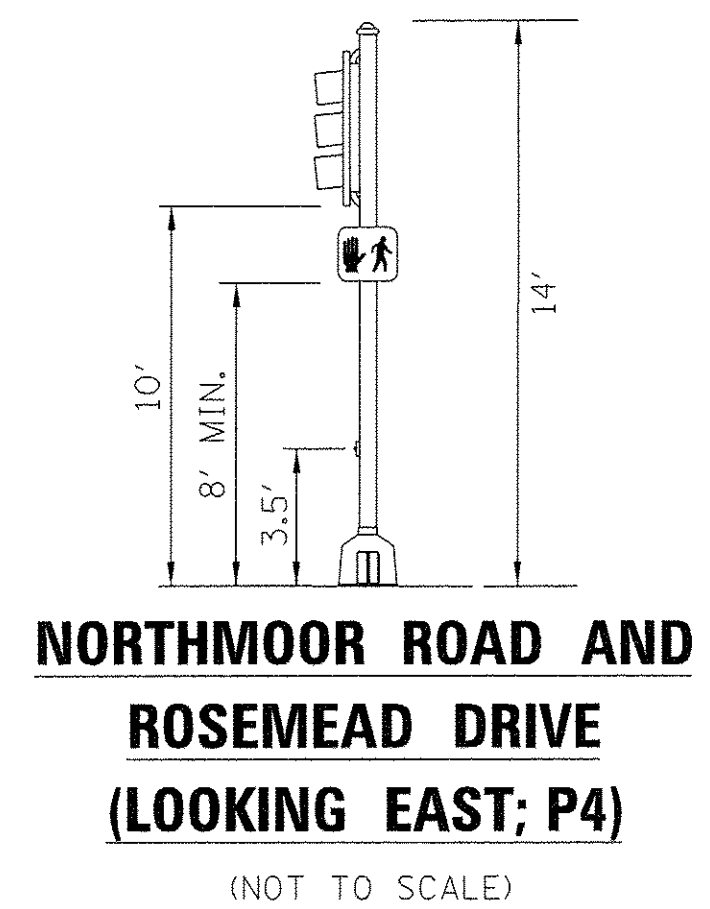
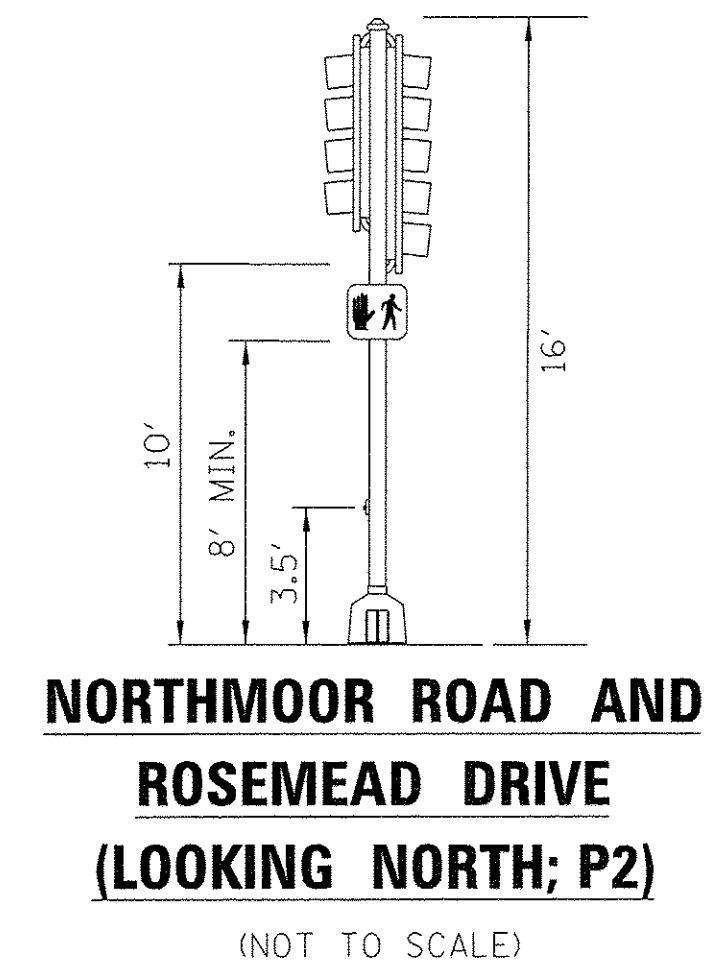
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		NORTHMOOR ROAD AND EXPO ENTRANCE CABLE PLAN		F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
				6647	05-00302-00-PV	PEORIA	385	188
SCALE: 1"=20'				SHEET OF SHEETS		STA. TO STA.		CONTRACT NO.89386
				ILLINOIS FED. AID PROJECT		M-5093(136)		



NORTHMOOR ROAD AND ROSEMEAD DRIVE (P1)
NORTHEAST QUADRANT (54')
 (NOT TO SCALE)

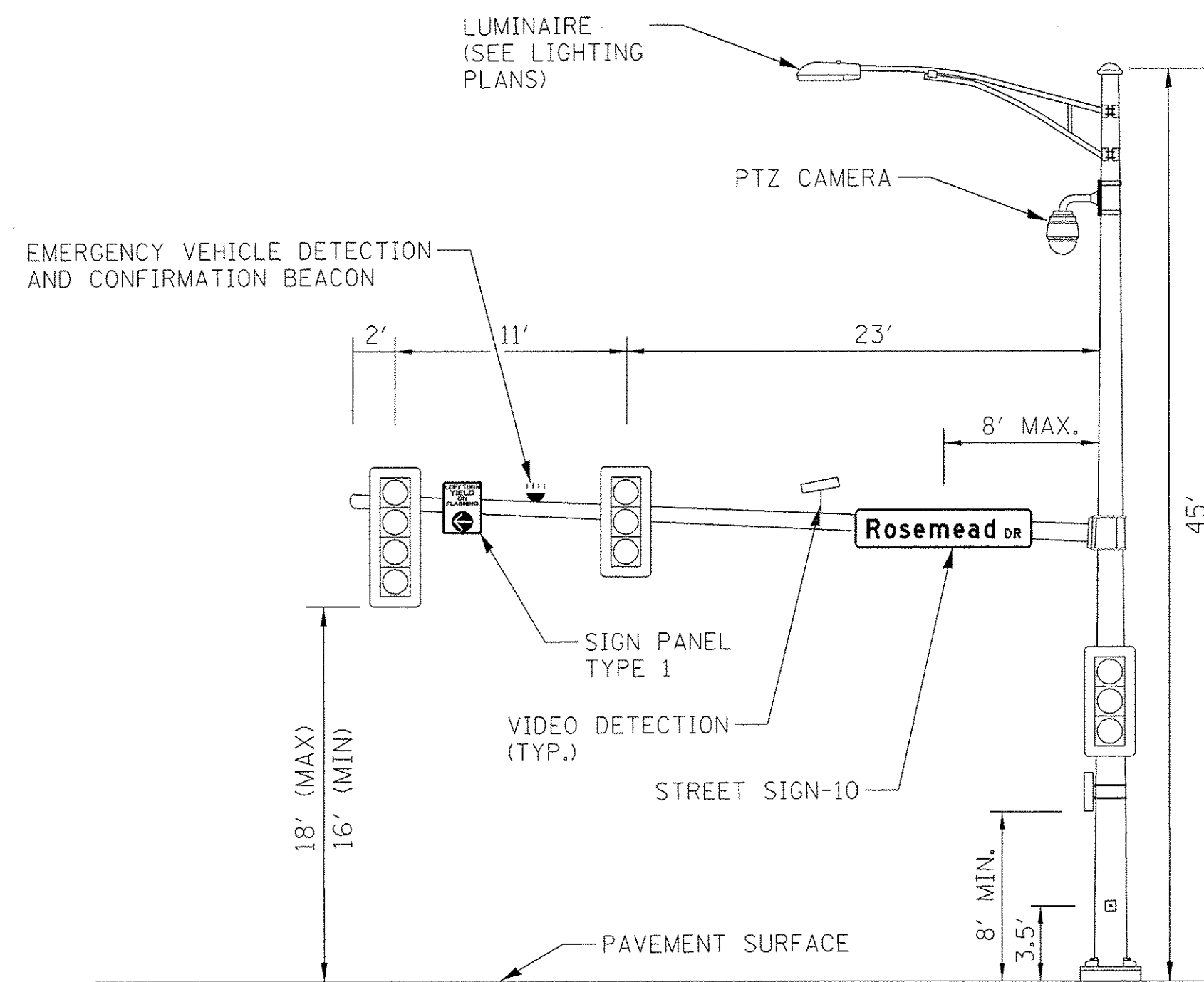


NORTHMOOR ROAD AND ROSEMEAD DRIVE (P5)
SOUTHWEST QUADRANT (34')
 (NOT TO SCALE)

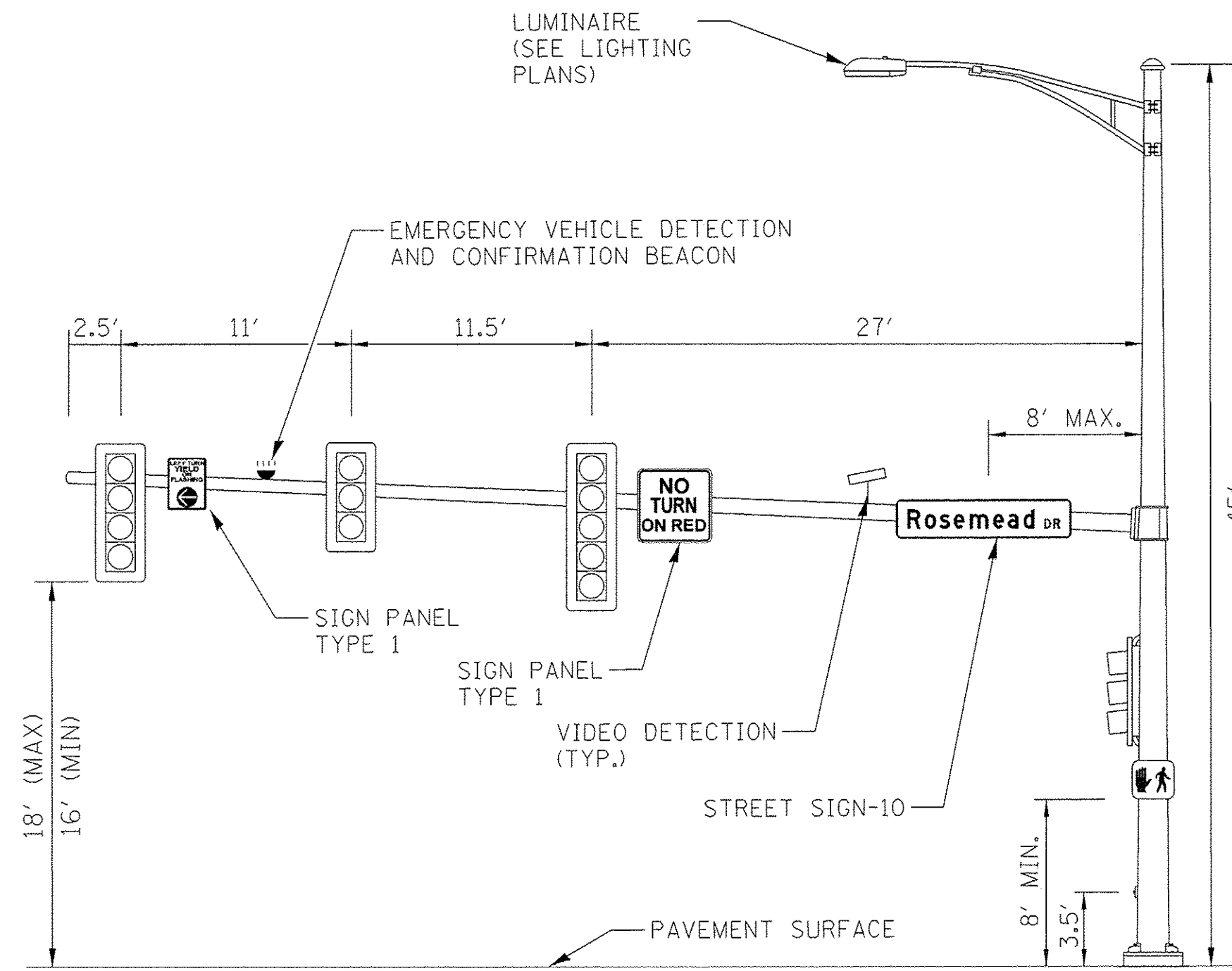


VIDEO DETECTION NOTE

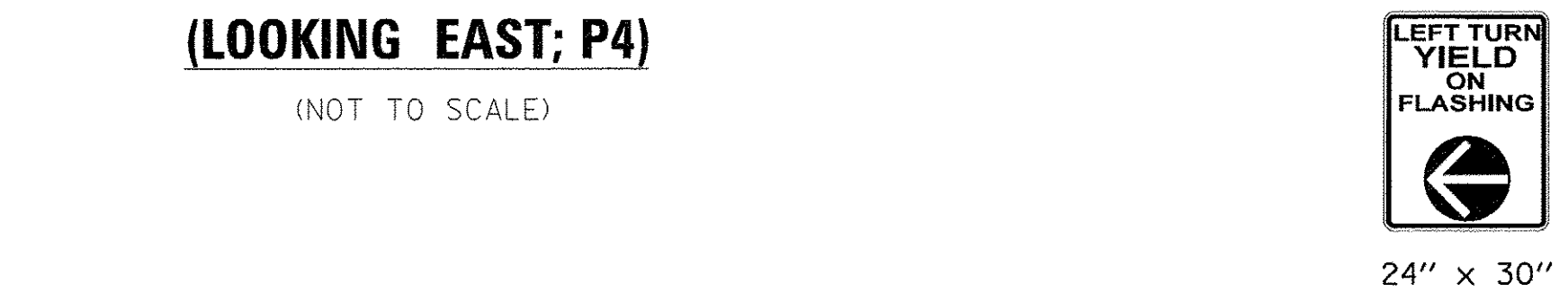
FINAL PLACEMENT FOR CAMERA LOCATIONS WILL BE FIELD VERIFIED FOR PROPER FUNCTIONALITY.



NORTHMOOR ROAD AND ROSEMEAD DRIVE (P3)
SOUTHEAST QUADRANT (36')
 (NOT TO SCALE)

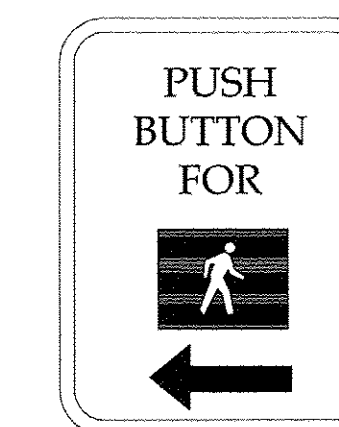


NORTHMOOR ROAD AND ROSEMEAD DRIVE (P8)
NORTHWEST QUADRANT (52')
 (NOT TO SCALE)



PEDESTRIAN CROSSING SIGN DETAIL
 (NOT TO SCALE)

PEDESTRIAN CROSSING SIGN DETAIL
 (NOT TO SCALE)

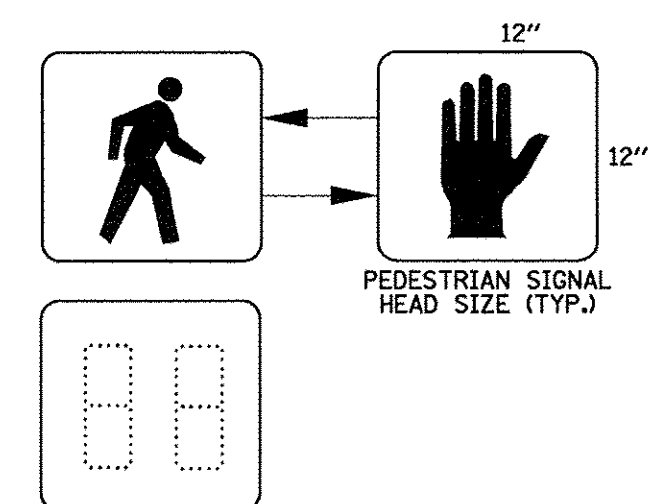


8 REQUIRED
 PEDESTRIAN PUSH BUTTON SIGN
 MUTCD R10-4B (L & R)

9" X 12" = 6.0 SQ FT

TYPE B SHEETING REQUIRED

LEGEND-BLACK
 BACKGROUND-WHITE



SIGN PANEL TYPE 1 (P2, P8)

SIGN BACKGROUND: WHITE
 SIGN LETTERING: BLACK
 2 REQUIRED = 18.0 SQ FT

LAYOUT	JGK	11/28/16
DRAWN	JGK	11/28/16
REVIEWED	KNB	3/14/17

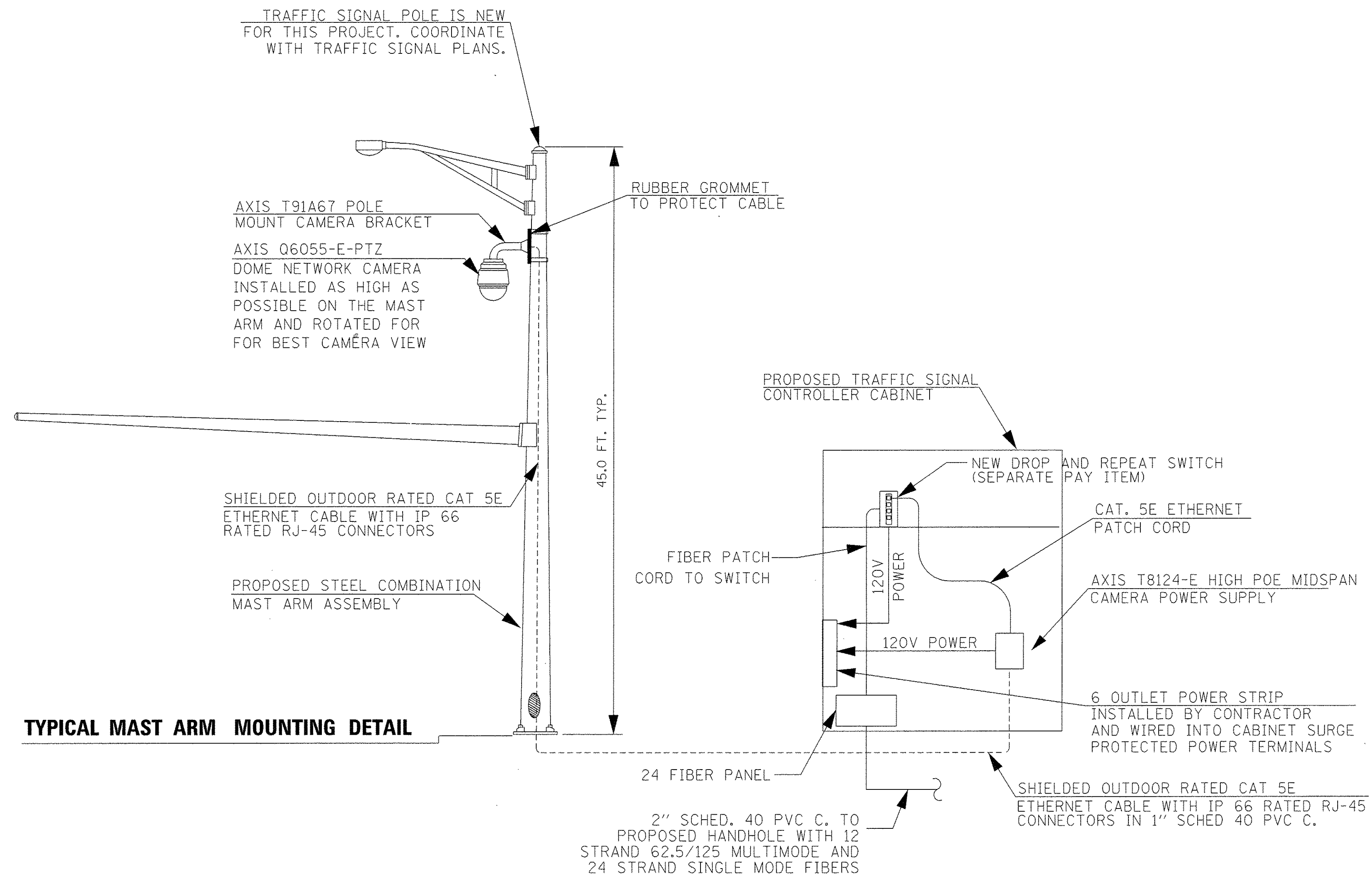
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHMOOR ROAD AND EXPO ENTRANCE
MAST ARM LOADING DIAGRAM

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	189
CONTRACT NO.89386			ILLINOIS FED. AID PROJECT M-5093(136)	



NOTES:

1. THE DEPARTMENT WILL PROGRAM THE CCTV CAMERAS PRIOR TO INSTALLATION.
2. THE CONTRACTOR SHALL INSPECT AND TEST THE CAT 5E ETHERNET CABLE PRIOR TO INSTALLATION.
3. THE DEPARTMENT WILL CONNECT THE PROPOSED CCTV CAMERAS TO THE ITS NETWORK AND INTEGRATE THEM INTO THE EXISTING ITS VIDEO SUBSYSTEM.
4. THE CONTRACTOR SHALL FURNISH AND INSTALL A POWER STRIP WITH INTEGRAL SURGE SUPPRESSION IN EACH TRAFFIC SIGNAL CONTROLLER CABINET FOR CAMERA POWER. THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR THE CCTV DOME CAMERA.
5. TERMINATE 12 SINGLE MODE FIBERS AND 12 MULTIMODE FIBERS IN PROPOSED TRAFFIC SIGNAL CONTROLLER CABINET WITH ST CONNECTORS. SPLICE REMAINING 12 SINGLE MODE FIBERS CONTINUOUS.

LAYOUT	TMA	1/13/17
DRAWN	TMA	1/17/17
REVIEWED	KNB	3/7/17

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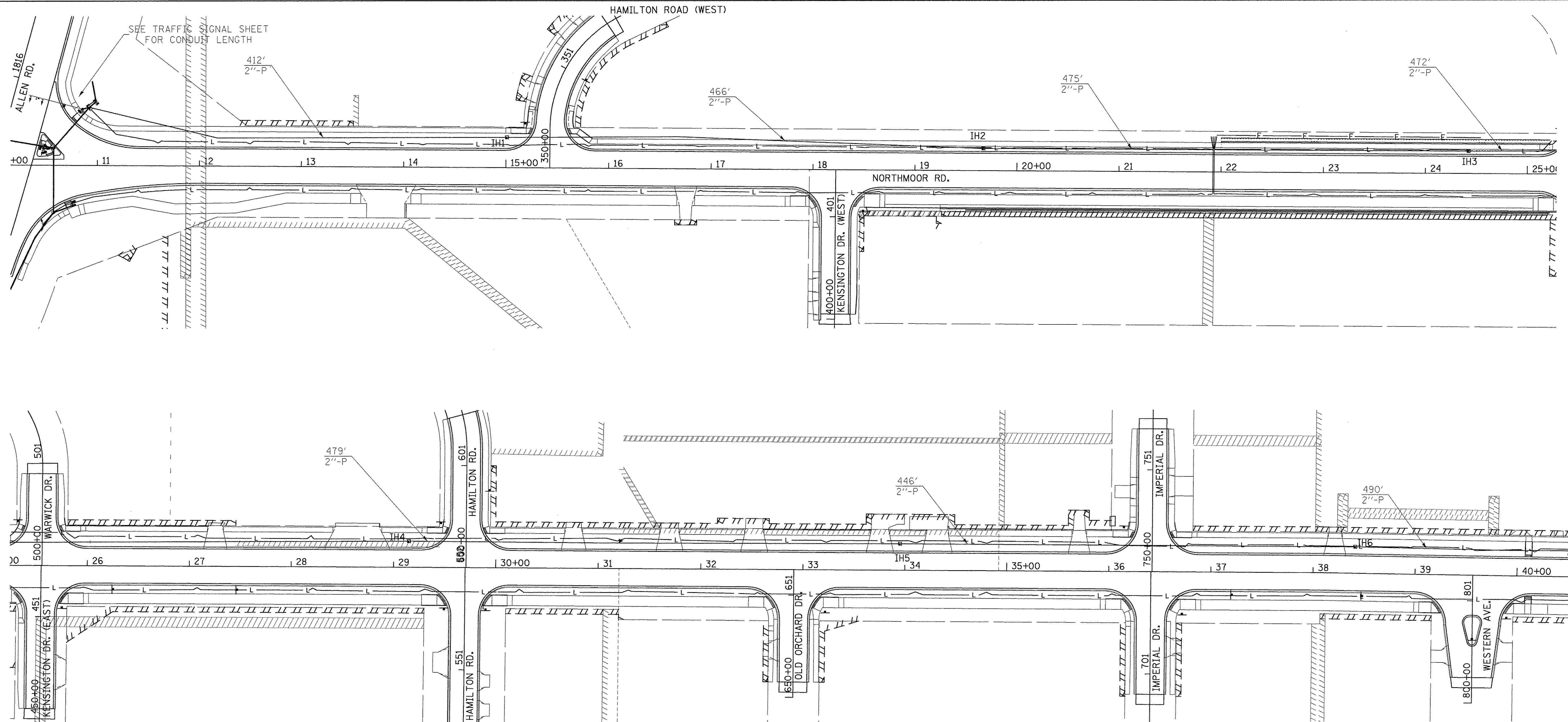
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	PLOT DATE = 3/22/2017	DATE - 03/22/17	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD
 CCTV DOME CAMERA INSTALLATION DETAIL**

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	190
CONTRACT NO.89386				
ILLINOIS FED. AID PROJECT M-5093(136)				



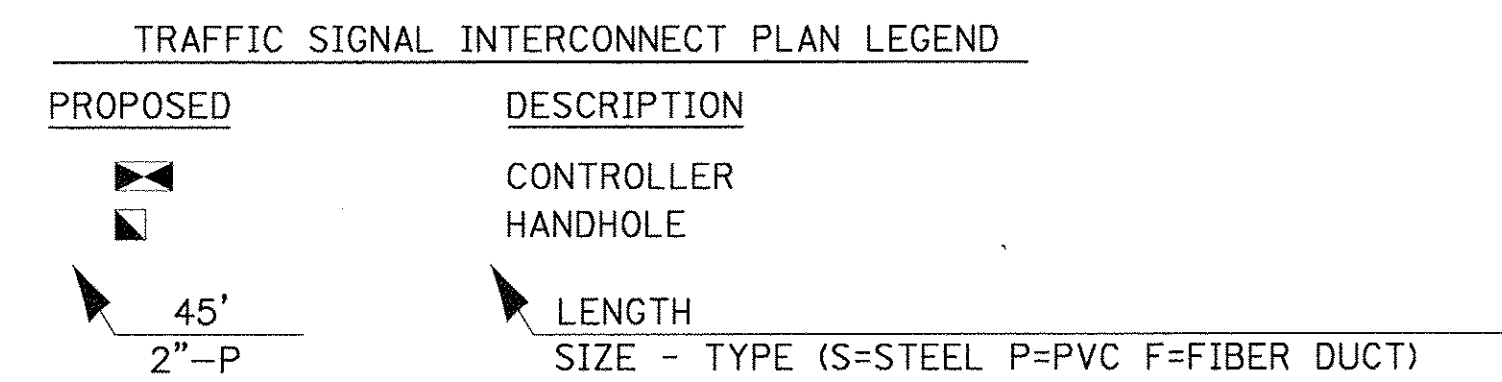
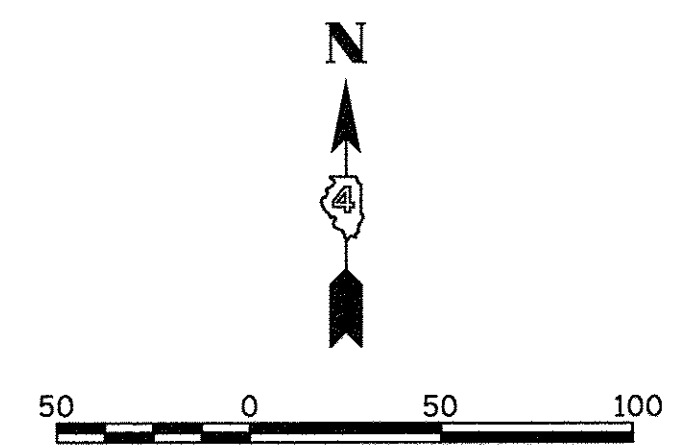
INTERCONNECT SUMMARY OF QUANTITIES

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	5235
81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	9
87300925	ELECTRIC CABLE IN CONDUIT, TRACER, NO. 14 1C	FOOT	5870
87900200	DRILL EXISTING HANDHOLE	EACH	1
X8710024	FIBER OPTIC CABLE IN CONDUIT, NO. 62.5/125, MM12F SM24F	FOOT	5870

TRAFFIC SIGNAL INTERCONNECT NOTES

- THE LOCATIONS FOR HANDHOLES ARE PROVIDED FOR REFERENCE ONLY. THE RESIDENT ENGINEER SHALL BE NOTIFIED FOR LOCATION VERIFICATION PRIOR TO INSTALLATION. HANDHOLE SPACING SHALL NOT BE GREATER THAN 600 FEET.
- THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UNDERGROUND UTILITIES PRIOR TO BEGINNING CONSTRUCTION.
- HANDHOLES SHALL BE CONSTRUCTED SO THAT THE TOP OF THE FRAME WILL BE FLUSH WITH THE SURFACE OF THE MEDIAN, SIDEWALK, OR GROUND LINE.
- NO ADDITIONAL COMPENSATION SHALL BE ALLOWED FOR PLACING CONDUIT AT GREATER THAN 2' MINIMUM DEPTH OR IN AN INDIRECT ROUTE TO AVOID OBSTACLES SUCH AS UNDERGROUND UTILITIES.
- THE CONTRACTOR IS RESPONSIBLE FOR THE COST OF UNCOVERING OR HAND DIGGING AROUND UTILITIES AS NECESSARY. THE COST OF THE WORK SHALL BE INCLUDED IN THE UNIT PRICES FOR THE CONDUITS.
- THE INTERCONNECT SHALL CONNECT TO THE CONTROLLER AT UNIVERSITY AND NORTHMOOR. QUANTITIES MAY VARY DEPENDING ON EXACT LOCATION OF HANDHOLE(S) AND CONTROLLER AT THIS INTERSECTION. ALL WORK AND MATERIALS REQUIRED TO PULL FIBER OPTIC TO THE EXISTING CONTROLLER SHALL BE PAID FOR IN THE WIRE, CONDUIT, AND DRILL EXISTING HANDHOLE QUANTITIES. WORK RELATED TO MODIFYING THE EXISTING CONTROLLER SHALL BE COMPLETED BY OTHERS.

HANDHOLE DATA			
NO.	STATION	OFFSET	DESCRIPTION
IH1	15+01	30' LT	HANDHOLE
IH2	19+67	22' LT	HANDHOLE
IH3	24+42	22' LT	HANDHOLE
IH4	29+15	26' LT	HANDHOLE
IH5	33+95	26' LT	HANDHOLE
IH6	38+41	26' LT	HANDHOLE



LAYOUT	TMA	1/13/17
DRAWN	TMA	1/17/17
REVIEWED	KNB	3/7/17

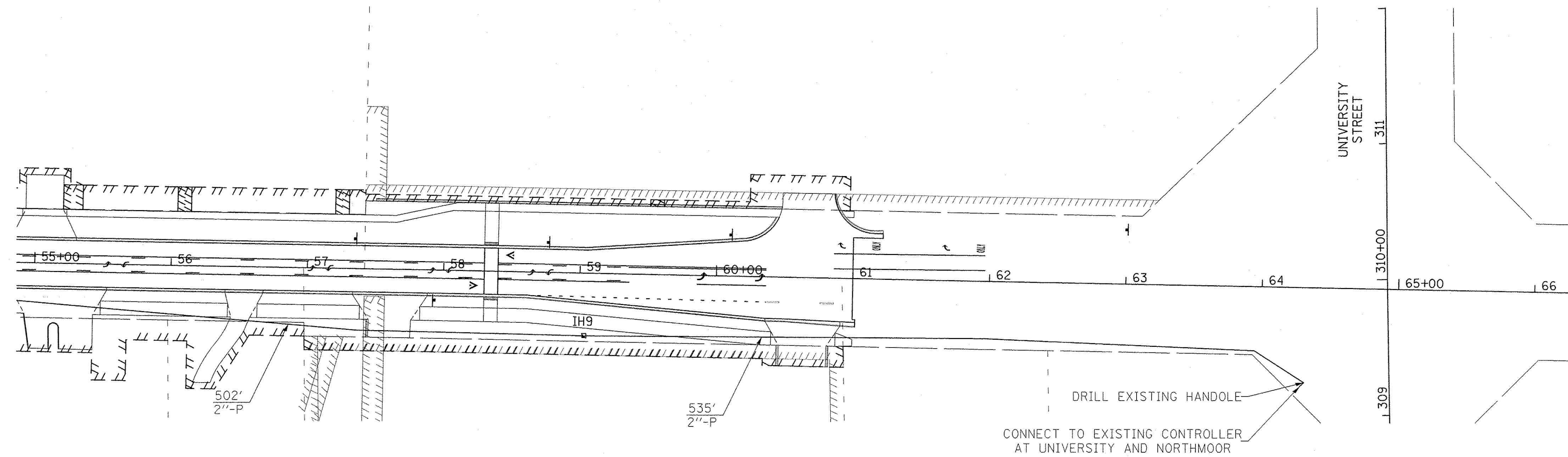
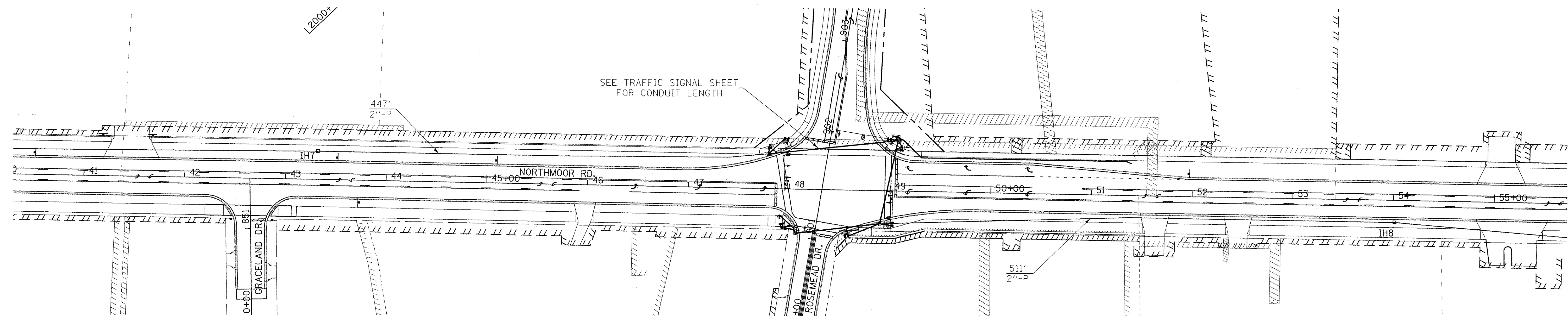
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

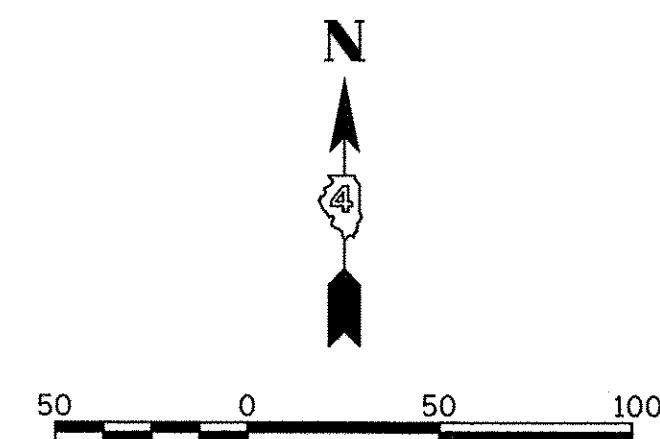
**NORTHMOOR ROAD
 TRAFFIC SIGNAL INTERCONNECT**

SCALE: 1"=50' SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	191
CONTRACT NO.89386				ILLINOIS FED. AID PROJECT M-50930369



HANDHOLE DATA			
NO.	STATION	OFFSET	DESCRIPTION
IH7	43+32	28' LT	HANDHOLE
IH8	54+01	22' RT	HANDHOLE
HI9	59+03	46' RT	HANDHOLE



TRAFFIC SIGNAL INTERCONNECT PLAN LEGEND	
PROPOSED	DESCRIPTION
	CONTROLLER HANDHOLE
	LENGTH
	SIZE - TYPE (S=STEEL P=PVC F=FIBER DUCT)

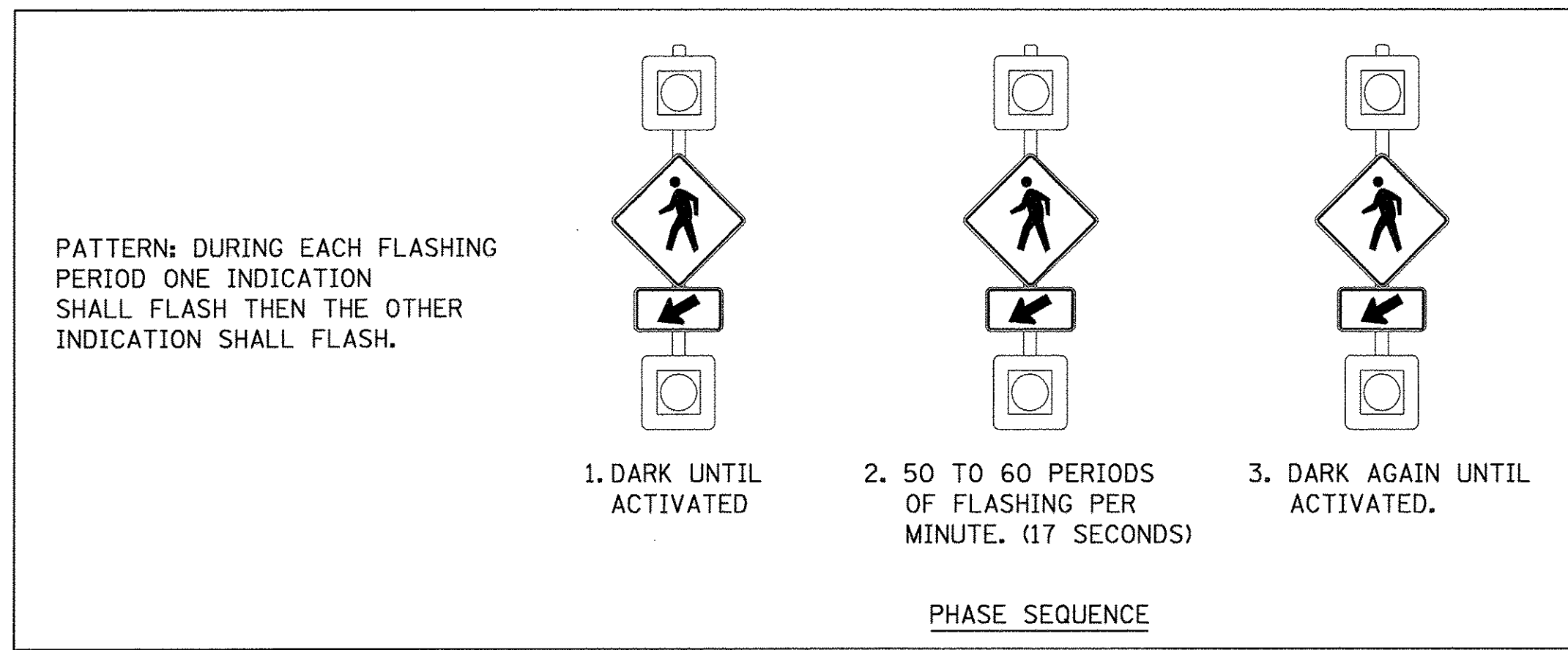
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

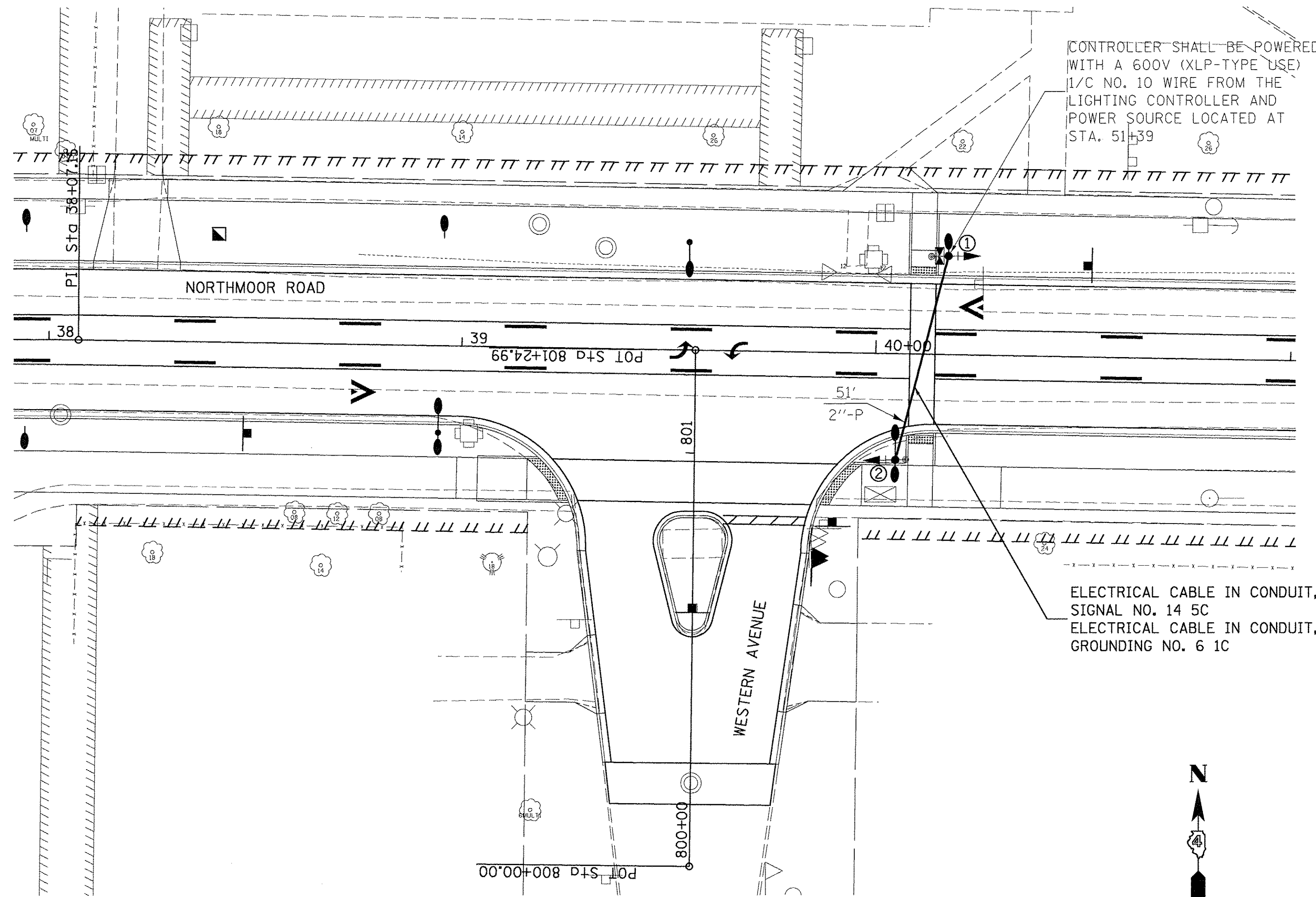
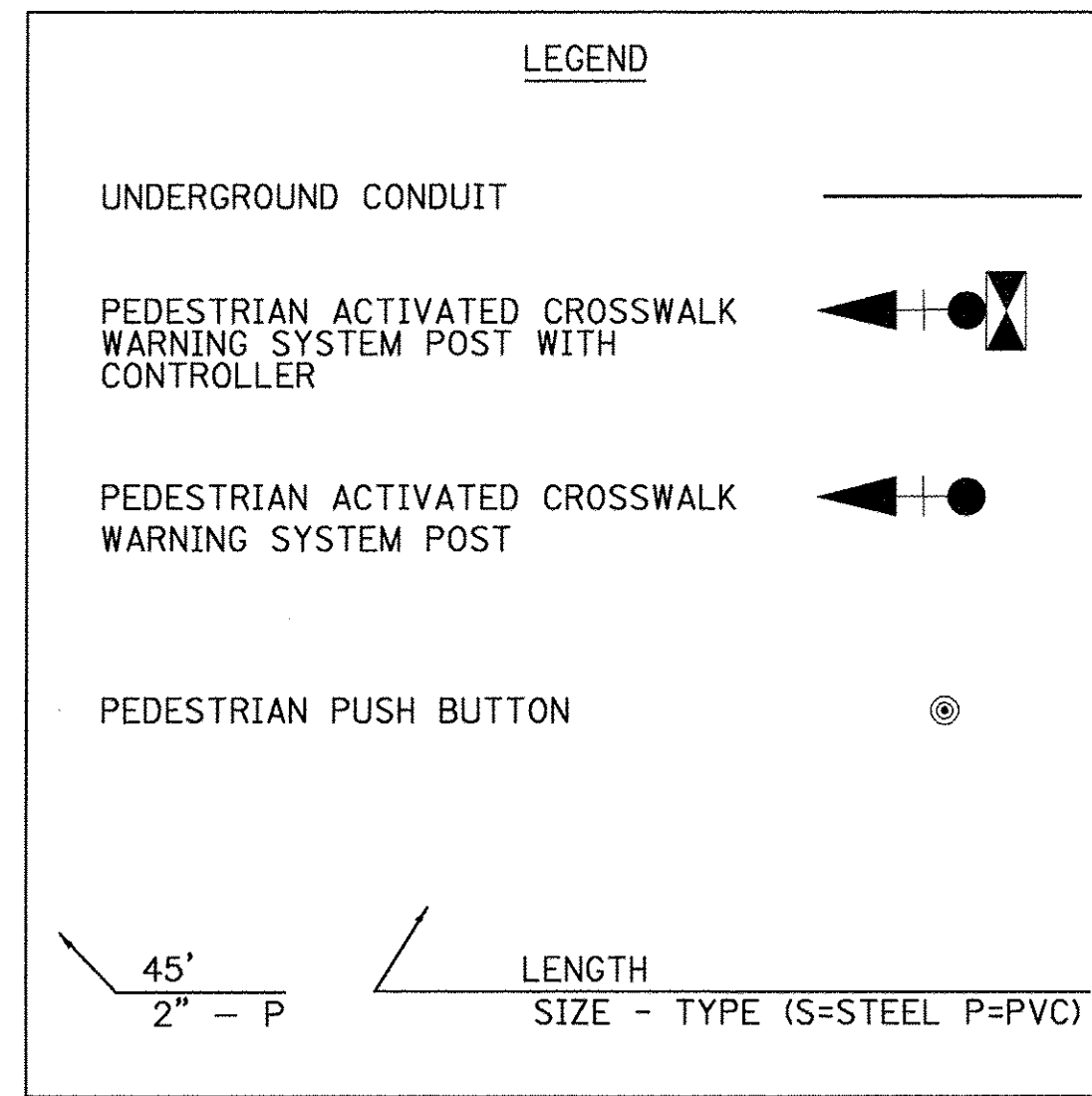
NORTHMOOR ROAD TRAFFIC SIGNAL INTERCONNECT			
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	STA.	TO	STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	192
CONTRACT NO.89386				
ILLINOIS FED. AID PROJECT				M-5093(136)



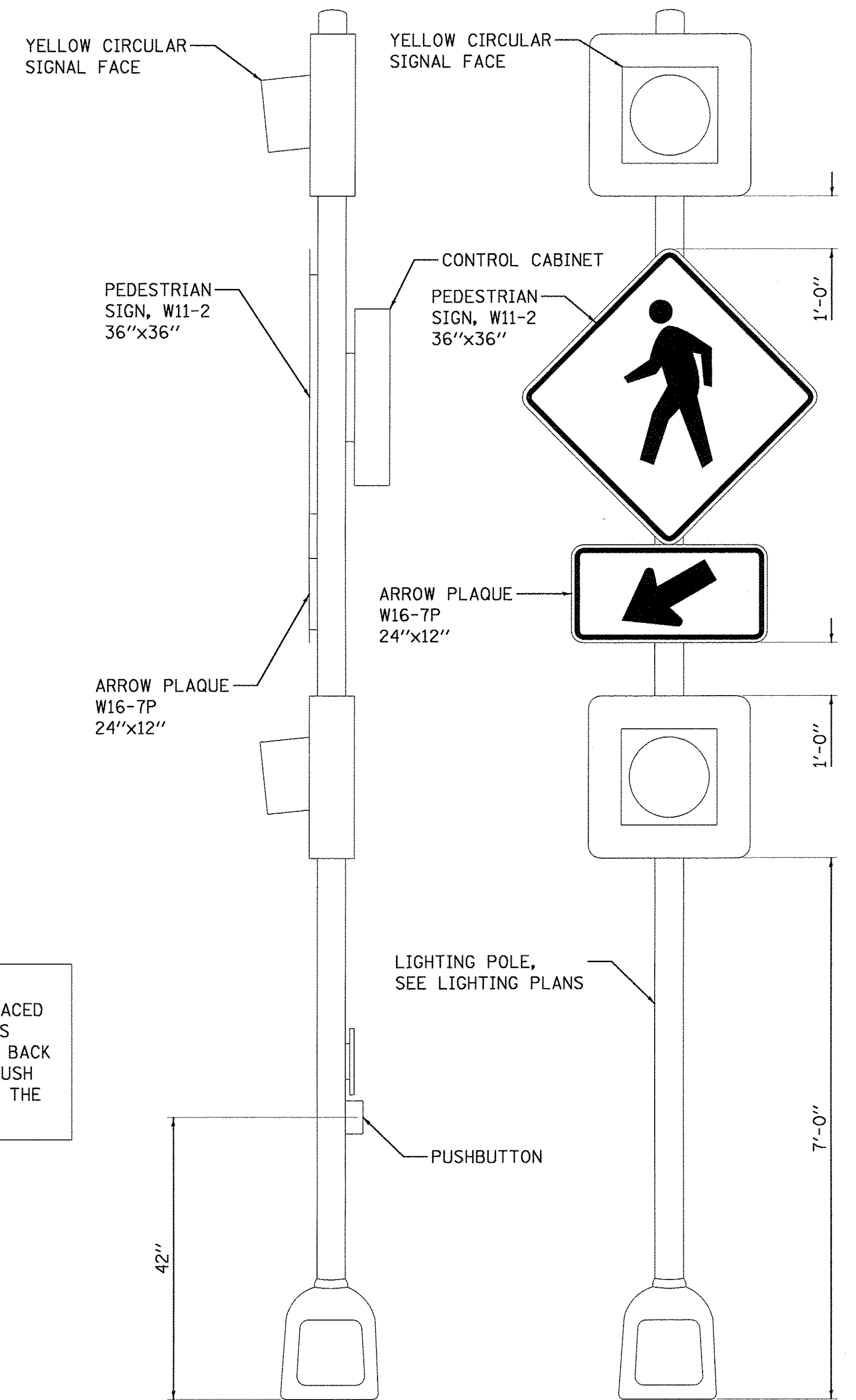
POSTS			
POLE I.D.	ROAD NAME	STATION	OFFSET
①	NORTHMOOR ROAD	40+17	24' LT
②	NORTHMOOR ROAD	40+05	26' RT

NOTE: SEE LIGHTING PLANS FOR POST AND FOUNDATION DETAILS.



NOTES:

1. THE LOCATION OF THE POSTS SHALL BE PLACED SO AS TO NOT DISTURB EXISTING UTILITIES AND SHALL BE A MINIMUM OF 4' FROM THE BACK OF CURB TO THE CENTER OF THE POSTS. PUSH BUTTONS SHALL BE LOCATED WITHIN 3" OF THE EDGE OF SIDEWALK.



PEDESTRIAN ACTIVATED CROSSWALK WARNING SYSTEM DETAIL
 (NOT TO SCALE)

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
72000100	SIGN PANEL - TYPE 1	SQFT	22
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	51
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2318
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	83
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	129
88040020	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, BRACKET MOUNTED	EACH	4
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	4
88800100	PEDESTRIAN PUSH-BUTTON	EACH	2
89502375	REMOVE EXISTING TRAFFIC SIGNAL EQUIPMENT	EACH	1
XX007021	PEDESTRIAN ACTIVATED CROSSWALK WARNING SYSTEM	EACH	1

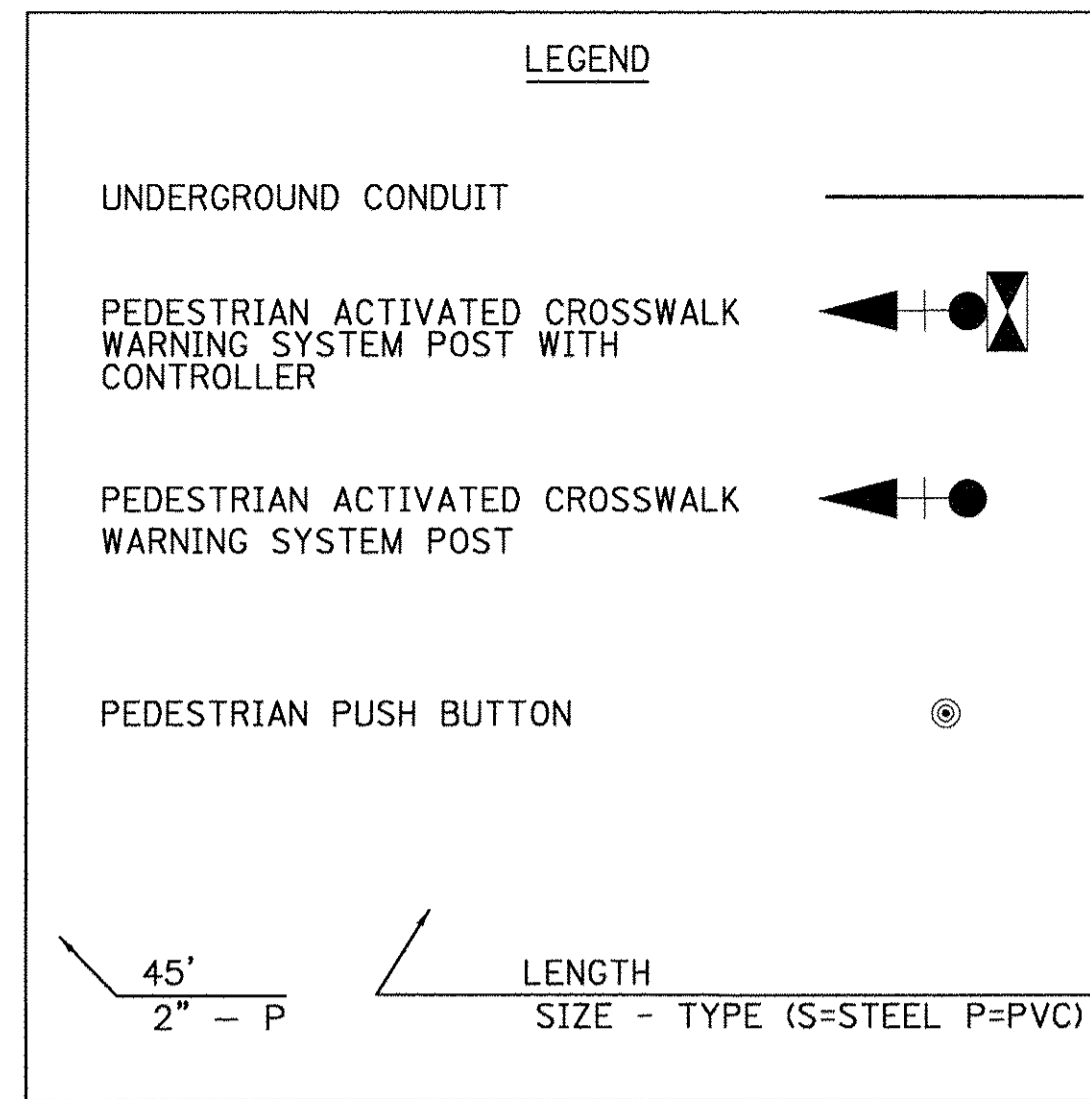
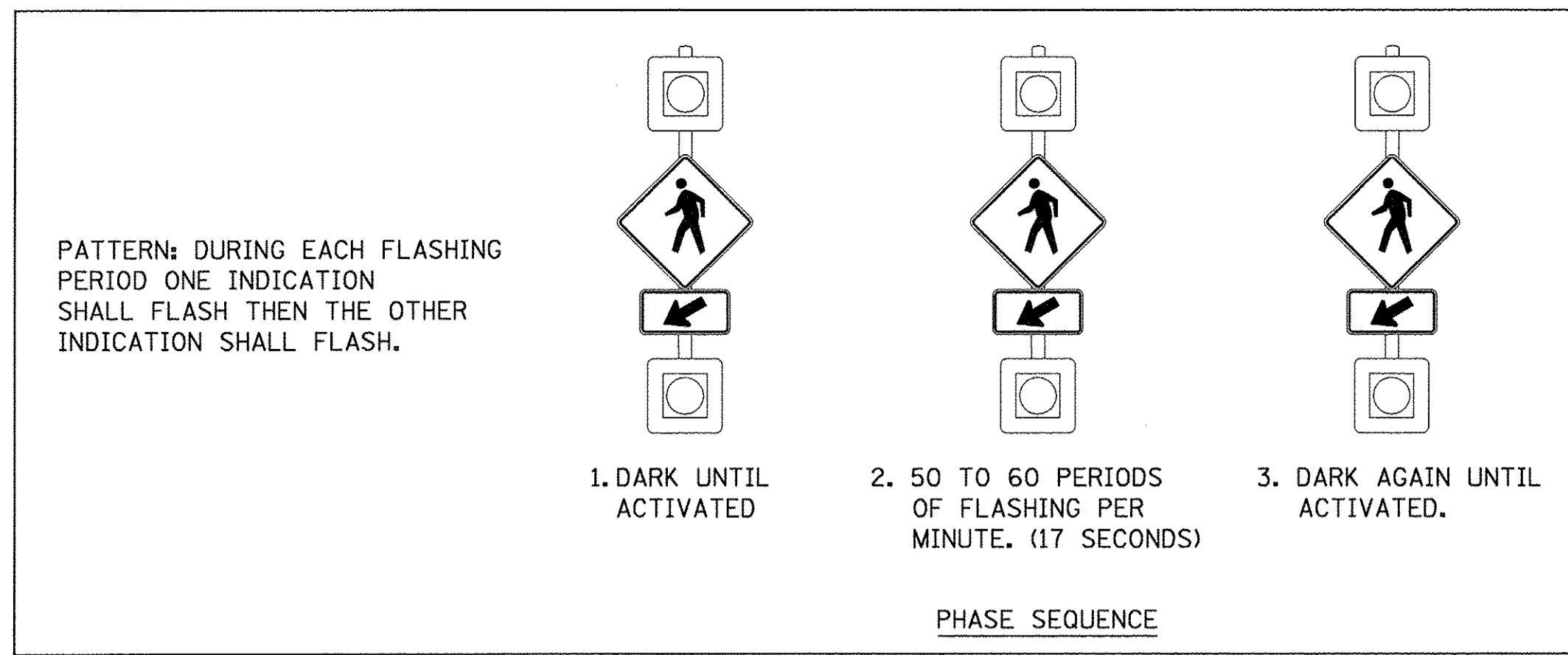
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DRAWN	JGK	1/17/17
REVIEWED	KNB	3/14/17

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHMOOR ROAD AND ALLEN ROAD	
PEDESTRIAN ACTIVATED CROSSWALK	
SCALE: 1"=20'	SHEET OF SHEETS STA. TO STA.

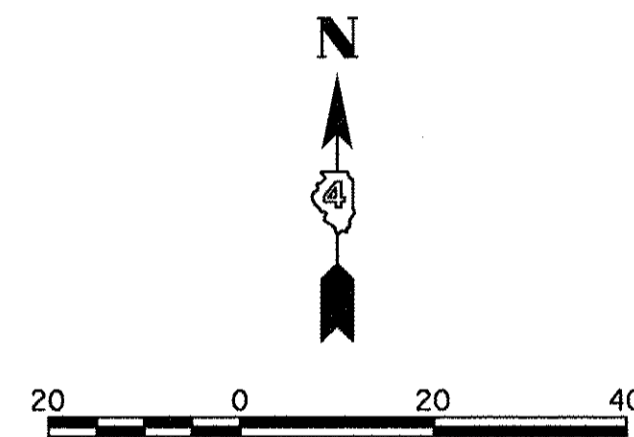
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 89386	
			M-5093(136)	



POSTS			
POLE I.D.	ROAD NAME	STATION	OFFSET
①	NORTHMOOR ROAD	58+41	24' LT
②	NORTHMOOR ROAD	58+28	24' RT

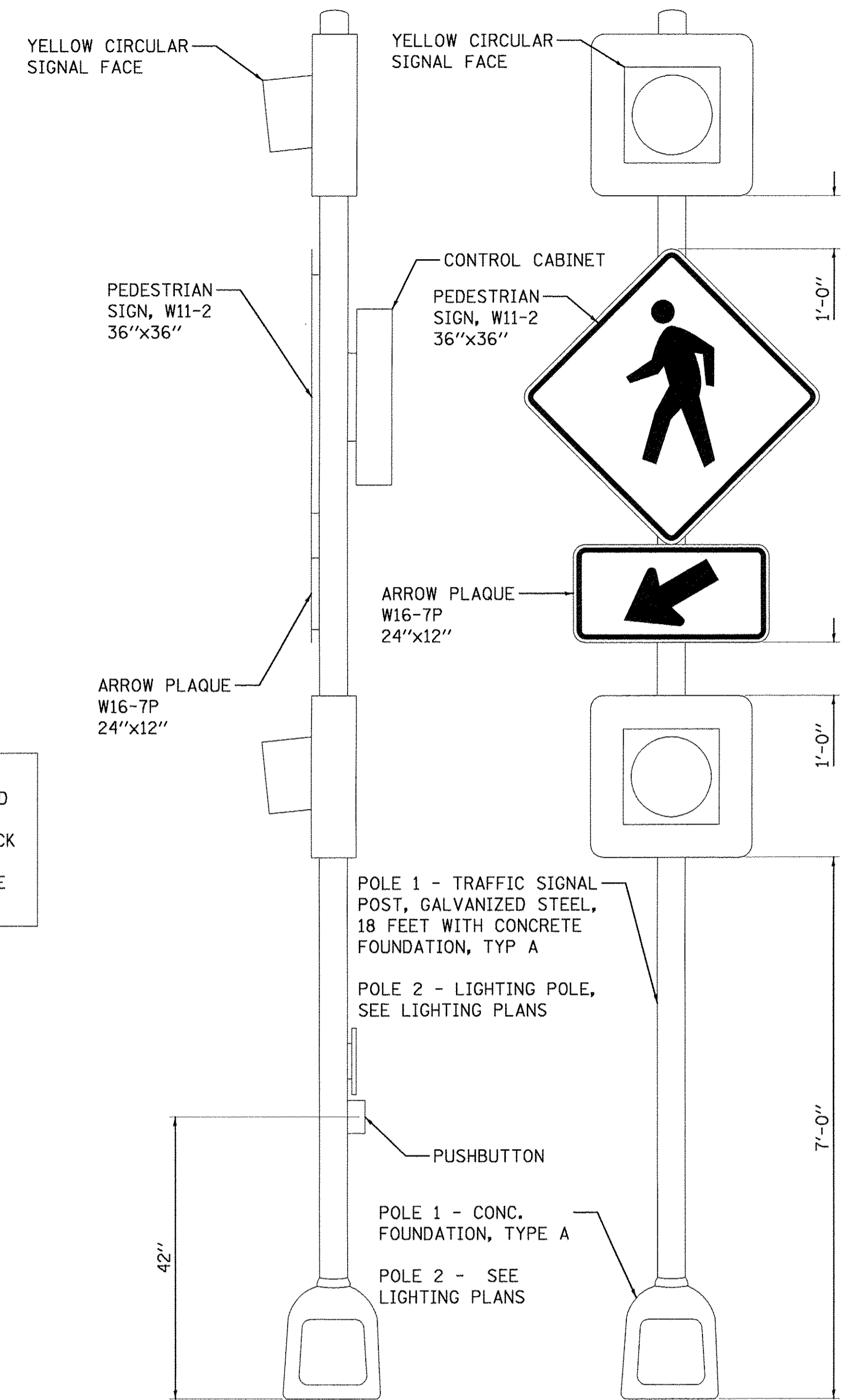
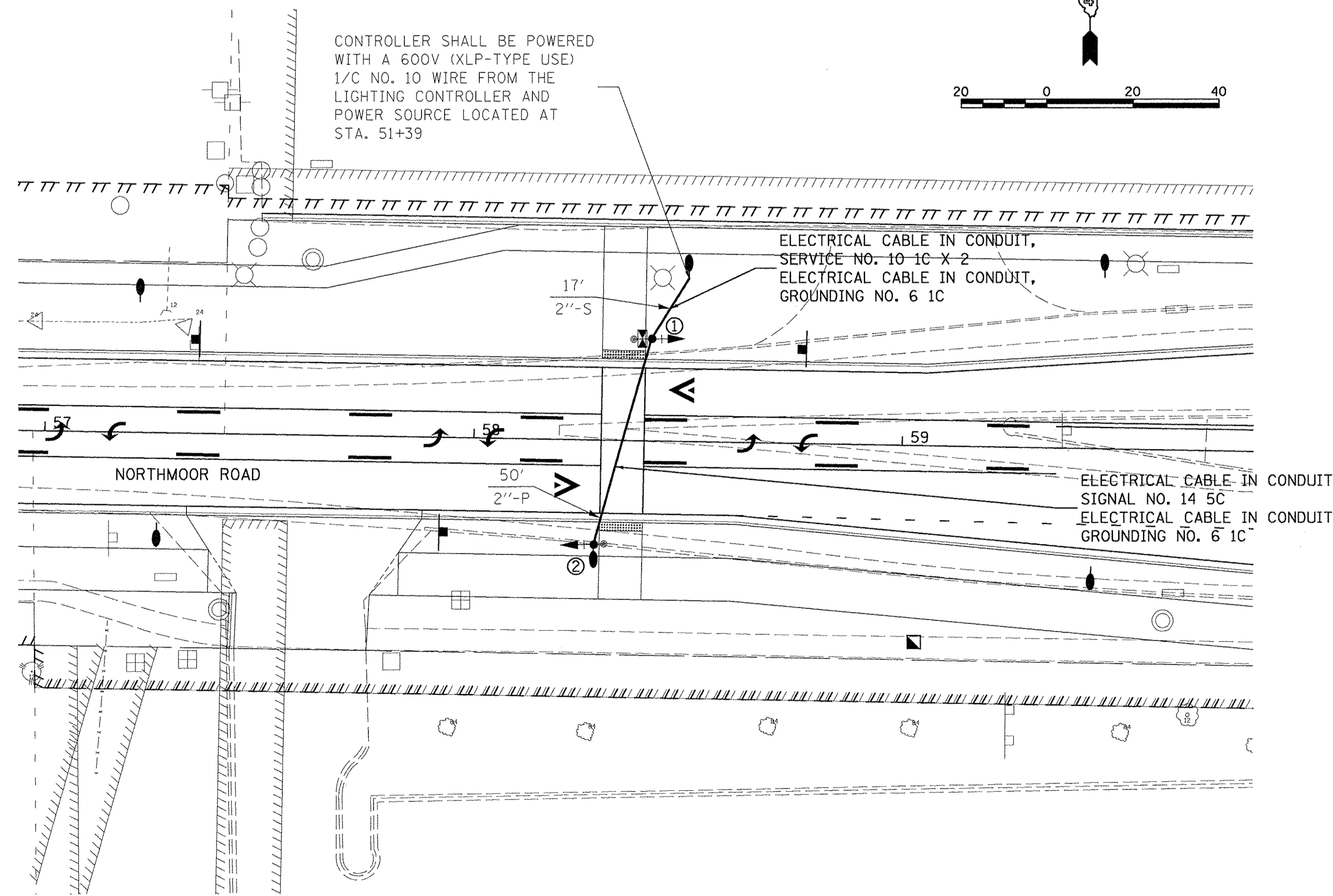
NOTE: SEE LIGHTING PLANS FOR POST AND FOUNDATION DETAILS FOR POLE I.D. 2. QUANTITIES BELOW REFLECT POST AND FOUNDATION FOR POLE I.D. 1 ONLY.

CONTROLLER SHALL BE POWERED WITH A 600V (XLP-TYPE USE) 1/C NO. 10 WIRE FROM THE LIGHTING CONTROLLER AND POWER SOURCE LOCATED AT STA. 51+39



NOTES:

1. THE LOCATION OF THE POSTS SHALL BE PLACED SO AS TO NOT DISTURB EXISTING UTILITIES AND SHALL BE A MINIMUM OF 4' FROM THE BACK OF CURB TO THE CENTER OF THE POSTS. PUSH BUTTONS SHALL BE LOCATED WITHIN 3" OF THE EDGE OF SIDEWALK.



PEDESTRIAN ACTIVATED CROSSWALK WARNING SYSTEM DETAIL
 (NOT TO SCALE)

PAY ITEM	DESCRIPTION	UNIT	QUANTITY
72000100	SIGN PANEL - TYPE 1	SQFT	22
81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	17
81028350	UNDERGROUND CONDUIT, PVC, 2" DIA.	FOOT	50
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	1490
87301245	ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 5C	FOOT	76
87301900	ELECTRIC CABLE IN CONDUIT, EQUIPMENT GROUNDING CONDUCTOR, NO. 6 1C	FOOT	109
87502520	TRAFFIC SIGNAL POST, GALVANIZED STEEL 18 FT.	EACH	1
87800100	CONCRETE FOUNDATION, TYPE A	FOOT	3
88040020	SIGNAL HEAD, POLYCARBONATE, LED, 1-FACE, 1-SECTION, BRACKET MOUNTED	EACH	4
88200510	TRAFFIC SIGNAL BACKPLATE, RETROREFLECTIVE	EACH	4
88800100	PEDESTRIAN PUSH-BUTTON	EACH	2
XX007021	PEDESTRIAN ACTIVATED CROSSWALK WARNING SYSTEM	EACH	1

LAYOUT	JGK	1/13/17
DRAWN	JGK	1/17/17
REVIEWED	KNB	3/14/17

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		CHECKED - KNB	REVISED -
		DATE - 03/22/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHMOOR ROAD AND ALLEN ROAD
PEDESTRIAN ACTIVATED CROSSWALK

SCALE: 1"=20'	SHEET OF SHEETS	STA. TO STA.	F.A.U. RTE. 6647	SECTION 05-00302-00-PV	COUNTY PEORIA	TOTAL SHEETS 385	SHEET NO. 194
						CONTRACT NO. 89386	
						ILLINOIS FED. AID PROJECT M-5093(136)	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	195
		ILLINOIS	CONTRACT NO. 89386	

INDEX OF SHEETS

VOLUME II








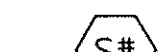



- 195. COVER
- 196.-212. LIGHTING PLANS
- 213.-220. DETAILS
- 221.-222. CULVERT DETAILS SN 072-8001
- 223.-224. CHANNEL DETAILS
- 225.-257. RETAINING WALL PLANS
- 258.-377. PROPOSED CROSS SECTIONS
- 378.-385B. DISTRICT 4 STANDARD DETAILS

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PROPOSED NORTHMOOR ROAD
IMPROVEMENTS

FAU ROUTE 6647 (NORTHMOOR ROAD)
SECTION 05-00302-00-PV
PROJECT M-5093(136)
CITY OF PEORIA
PEORIA COUNTY
 JOB C-94-144-05

VOLUME II

LIGHTING SYMBOLS LEGEND:

-  NEW 160 WATT LED ROADWAY LUMINAIRE ON POLE WITH FOUNDATION
-  NEW 53 WATT LED SIDEWALK LUMINAIRE ON POLE WITH FOUNDATION
-  NEW 160 WATT LED ROADWAY LUMINAIRE AND 53 WATT LED SIDEWALK LUMINAIRE ON POLE WITH FOUNDATION
-  NEW OUTDOOR ROADWAY LIGHTING CONTROLLER
-  PROPOSED COILABLE UNDERGROUND CONDUIT AND WIRE
-  HANDHOLE
-  240V, 53W SIDEWALK LIGHTING FIXTURE ON POLE "S#" DESIGNATES FIXTURE NUMBER ON PLANS
-  240V, 160W LED ROADWAY LIGHTING FIXTURE ON MAST ARM POLE "X#" DESIGNATES FIXTURE NUMBER ON PLANS
-  240V, 130W LED INTERSECTION LIGHTING FIXTURE ON MAST ARM TRAFFIC SIGNAL POLE "I#" DESIGNATES FIXTURE NUMBER ON PLANS
-  CIRCUIT NUMBER CALLOUT
-  LIGHTING POLE DETAIL CALLOUT

GENERAL NOTES:

1. PRIOR TO THE INSTALLATION OF NEW CABLE DUCT, CONDUITS, JUNCTION BOXES, LIGHT STANDARD FOUNDATIONS AND APPURTENANCES THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF EXISTING LIGHTING CONDUITS, CABLES AND UNDERGROUND UTILITIES.
2. THE CONTRACTOR SHALL VERIFY ALL OF THE DATA SHOWN ON THE CONTRACT PLANS AND REFERENCE DRAWINGS WHICH WOULD AFFECT HIS WORK UNDER THIS CONTRACT AND THE OPERATION OF THE EXISTING ROADWAY LIGHTING SYSTEMS.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT.
4. ALL NEW CABLE DUCT, CONDUIT, JUNCTION BOXES AND APPURTENANCES ARE ILLUSTRATED DIAGMATICALLY. THE ACTUAL LOCATION IN THE FIELD SHALL MEET WITH THE APPROVAL OF THE ENGINEER.
5. THE SCALE SHOWN ON THE PLANS APPLIES ONLY TO THE FULL SIZE PLANS AND NOT TO REDUCED SIZED PLANS.
6. ELECTRICAL MATERIALS SHALL BE NEW AND OF THE TYPES AND KINDS APPROVED BY THE FOLLOWING ORGANIZATIONS:
 NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION
 INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS
 ILLUMINATING ENGINEERING SOCIETY
 AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
 U.S. DEPARTMENT OF TRANSPORTATION
 UNDERWRITERS LABORATORIES
 AMERICAN NATIONAL STANDARDS INSTITUTE
 INSULATED CABLE ENGINEERS ASSOCIATION
 IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION

GENERAL NOTES (CONTINUED):

7. CABLE DUCT SHALL BE INSTALLED BY TRENCHING OR BORING AT THE DISCRETION OF THE CONTRACTOR.
8. CONDUIT AND CABLE DUCT SHALL BE POSITIONED IN THE FIELD TO AVOID CONFLICT WITH UNDERDRAINS.
9. THE CONTRACTOR IS ADVISED THAT IN EVENT OF SNOW HE WILL BE RESPONSIBLE FOR THE IMMEDIATE REMOVAL OF ANY MAINTENANCE OF TRAFFIC PROTECTIVE DEVICES REQUIRED FOR HIS OPERATIONS THAT WOULD INTERFERE WITH SNOW REMOVAL OPERATIONS PERFORMED BY THE AUTHORITY.
10. ALL DISTURBED AREAS WHERE RESTORATION IS NOT COVERED BY APPLICABLE SECTIONS OF THE SPECIAL PROVISIONS SHALL BE RESTORED WITH TOPSOIL AND SOD. DAMAGED CURB AND GUTTER AREAS SHALL BE RESTORED TO THE SATISFACTION OF THE ENGINEER. THE WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT. SEPARATE PAYMENT WILL NOT BE MADE.
11. MAINTENANCE OF THE EXISTING ROADWAY LIGHTING INCLUDED WITHIN THE LIMITS OF THE IMPROVEMENT PROJECT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR BEGINNING ON THE DATE WORK ON THE PROJECT BEGINS AND AS REQUIRED IN THE SPECIAL PROVISIONS. TURNOVER MEETING(S) TO ESTABLISH THE CONDITIONS OF THE ROADWAYS AND THE PENDING WORK REQUIREMENTS WILL BE SCHEDULED WITH THE CITY AT THE PRE-CONSTRUCTION MEETING BY THE CONTRACTOR.

LIGHT FIXTURE SCHEDULE

FIXTURE TYPE	MANUFACTURER & CATALOG NO.	TYPE/LAMPS /WATTS	VOLT	MOUNTING
S#	U.S. ARCHITECTURAL LIGHTING: DSS2-VLED-II-80LED-350mA-NW-240-RAL-9005-T-PC240 STERNBERG LIGHTING: 1A-1531LED-R8ARC-45-T2-MDL05-FG KIM LIGHTING: 1A-RA173-E35-60L4K208-BL	SIDEWALK FIXTURE LED 53W 4000K	240V	POLE MOUNTED 17'
X#	PHILIP LUMEC: RFM-160W-48LED-4K-T-R3S-UNIV CREE LIGHTING: STE-LWY-3M-HT-09-E-UL-BK-525 AMERICAN ELECTRIC LIGHTING: ATB2-40BLEDE13-MVOLT-R3	ROADWAY FIXTURE LED 160W 4000K	240V	POLE MOUNTED 30'
I#	SEE SPECIAL PROVISIONS FOR FIXTURE REQUIREMENTS	ROADWAY FIXTURE LED MOUNTED TO TRAFFIC SIGNAL MAST ARM	120V	MOUNTED TO TRAFFIC SIGNAL MAST ARM AT 45'

LIGHT FIXTURE SCHEDULE NOTES:

1. REFER TO TRAFFIC SIGNAL PLANS AND SPECIAL PROVISIONS FOR INTERSECTION LIGHTING FIXTURE "I" DETAILS.

TOTAL ROADWAY LIGHTING SUMMARY OF QUANTITIES

SP	ITEM DESCRIPTION		ITEM QUANTITY	
	IDOT CODE	DESIGNATION	UNITS	QUANTITY
	80400100	ELECTRIC SERVICE INSTALLATION	EACH	2
	81028340	UNDERGROUND CONDUIT, PVC, 1-1/2" DIA	FOOT	350
	81028740	UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, 1-1/2" DIA	FOOT	9378
	81028750	UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, 2" DIA	FOOT	1845
	81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	8
	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	12378
	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	24432
	82500410	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 200AMP (DUAL)	EACH	2
	83006200	LIGHT POLE, ALUMINUM, 30 FT. M.H., 6FT. MAST ARM	EACH	21
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	555
	83800650	BREAK AWAY DEVICE COUPLING WITH STAINLESS STEEL SCREEN	EACH	436
*	X1400094	LUMINAIRE, LED, HORIZONTAL MOUNT, LOW WATTAGE	EACH	106
*	X1400095	LUMINAIRE, LED, HORIZONTAL MOUNT, HIGH WATTAGE	EACH	21
*	X1400113	LUMINAIRE, LED, HORIZONTAL MOUNT, MEDIUM WATTAGE	EACH	6
*	X8250505	LIGHTING CONTROLLER, SPECIAL	EACH	1
*	X8300001	LIGHT POLE, SPECIAL	EACH	90
*	X8950080	REMOVE EXISTING LIGHTING CONTROLLER	EACH	1

ILLINOIS DEPARTMENT OF TRANSPORTATION LUMINAIRE PERFORMANCE TABLE ALLEN, EXPO & ROSEMEAD INTERSECTIONS			
GIVEN CONDITIONS			
ROADWAY DATA:	PAVEMENT WIDTHS	50 FT	
	NUMBER OF LANES	6	
	IES SURFACE CLASSIFICATION	R3	
	Q-ZERO VALUE	0.07	
LIGHT POLE DATA:	MOUNTING HEIGHT	30 FT	
	MAST ARM LENGTH	15 FT	
	POLE SET-BACK FROM EDGE OF PAVEMENT	VARIES	
LUMINAIRE DATA:	LAMP TYPE	130W LED	
	LAMP LUMENS	16285	
	IES VERTICAL DISTRIBUTION	MEDIUM	
	IES CONTROL OF DISTRIBUTION	CUTOFF	
	IES LATERAL DISTRIBUTION	R3	
	TOTAL LIGHT LOSS FACTOR	0.765	
LAYOUT DATA:	SPACING CONFIGURATION	~80 FT.	
		4 NEW 160W LED FIXTURES MOUNTED TO COMBINATION TRAFFIC SIGNAL/LIGHT POLES AROUND THE PERIMETER OF THE INTERSECTION	
	LUMINAIRE OVERHANG OVER EDGE OF PAVEMENT LINE	VARIES	
NOTE: VARIATIONS FROM THE ABOVE SPECIFIED IES DISTRIBUTION PATTERN MAY BE REQUESTED AND ACCEPTANCE OF VARIATIONS WILL BE SUBJECT TO REVIEW BY THE ENGINEER BASED ON HOW WELL THE PERFORMANCE REQUIREMENTS ARE MET.			
PERFORMANCE REQUIREMENTS			
NOTE: THESE PERFORMANCE REQUIREMENTS SHALL BE THE MINIMUM ACCEPTABLE STANDARDS OF PHOTOMETRIC PERFORMANCE FOR THE LUMINAIRE, BASED ON THE GIVEN CONDITIONS LISTED ABOVE.			
ILLUMINATION:	AVERAGE HORIZONTAL ILLUMINATION, (EAVE) FC	SEE CALCULATION SUMMARY	
	UNIFORMITY RATIO, (EAVE/EMIN)	SEE CALCULATION SUMMARY	
LUMINANCE:	AVERAGE LUMINANCE: (LAVE) cd/m ²	SEE CALCULATION SUMMARY	
	UNIFORMITY RATIOS: (LAVE/LMIN)	SEE CALCULATION SUMMARY	
	(LMAX/LMIN)	SEE CALCULATION SUMMARY	
	MAXIMUM VEILING LUMINANCE RATIO: (LV/LAVE)	0.030	

ILLINOIS DEPARTMENT OF TRANSPORTATION LUMINAIRE PERFORMANCE TABLE WARWICK, HAMILTON, IMPERIAL, GRACELAND, WESTERN, OLD ORCHARD, KENSINGTON, INTERSECTIONS			
GIVEN CONDITIONS			
ROADWAY DATA:	PAVEMENT WIDTHS	50 FT	
	NUMBER OF LANES	6	
	IES SURFACE CLASSIFICATION	R3	
	Q-ZERO VALUE	0.07	
LIGHT POLE DATA:	MOUNTING HEIGHT	30 FT	
	MAST ARM LENGTH	15 FT	
	POLE SET-BACK FROM EDGE OF PAVEMENT	VARIES	
LUMINAIRE DATA:	LAMP TYPE	160W LED	
	LAMP LUMENS	16285	
	IES VERTICAL DISTRIBUTION	MEDIUM	
	IES CONTROL OF DISTRIBUTION	CUTOFF	
	IES LATERAL DISTRIBUTION	R3	
	TOTAL LIGHT LOSS FACTOR	0.765	
LAYOUT DATA:	SPACING CONFIGURATION	~80 FT.	
		4 NEW 160W LED FIXTURES MOUNTED TO COMBINATION TRAFFIC SIGNAL/LIGHT POLES AROUND THE PERIMETER OF THE INTERSECTION	
	LUMINAIRE OVERHANG OVER EDGE OF PAVEMENT LINE	VARIES	
NOTE: VARIATIONS FROM THE ABOVE SPECIFIED IES DISTRIBUTION PATTERN MAY BE REQUESTED AND ACCEPTANCE OF VARIATIONS WILL BE SUBJECT TO REVIEW BY THE ENGINEER BASED ON HOW WELL THE PERFORMANCE REQUIREMENTS ARE MET.			
PERFORMANCE REQUIREMENTS			
NOTE: THESE PERFORMANCE REQUIREMENTS SHALL BE THE MINIMUM ACCEPTABLE STANDARDS OF PHOTOMETRIC PERFORMANCE FOR THE LUMINAIRE, BASED ON THE GIVEN CONDITIONS LISTED ABOVE.			
ILLUMINATION:	AVERAGE HORIZONTAL ILLUMINATION, (EAVE) FC	SEE CALCULATION SUMMARY	
	UNIFORMITY RATIO, (EAVE/EMIN)	SEE CALCULATION SUMMARY	
LUMINANCE:	AVERAGE LUMINANCE: (LAVE) cd/m ²	SEE CALCULATION SUMMARY	
	UNIFORMITY RATIOS: (LAVE/LMIN)	SEE CALCULATION SUMMARY	
	(LMAX/LMIN)	SEE CALCULATION SUMMARY	
	MAXIMUM VEILING LUMINANCE RATIO: (LV/LAVE)	0.030	

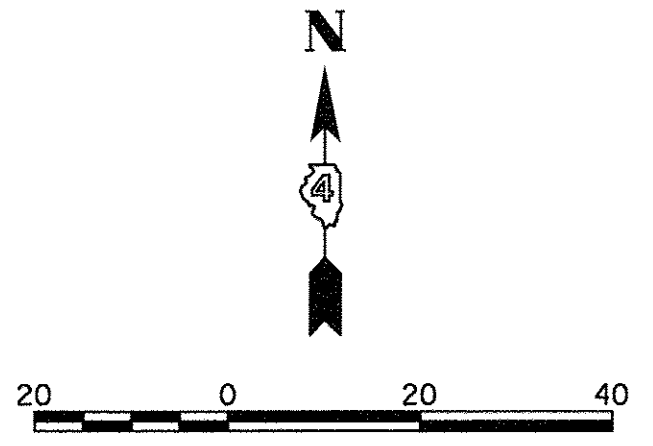
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DRAWN	JFC	1/7/17
REVIEWED	RON	4/5/17
FILED	RON	4/5/17

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Default	PLOT SCALE = 20.0000' / 1"	CHECKED - RDN	REVISED -			SCALE:	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO.89386			
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GENERAL NOTES:

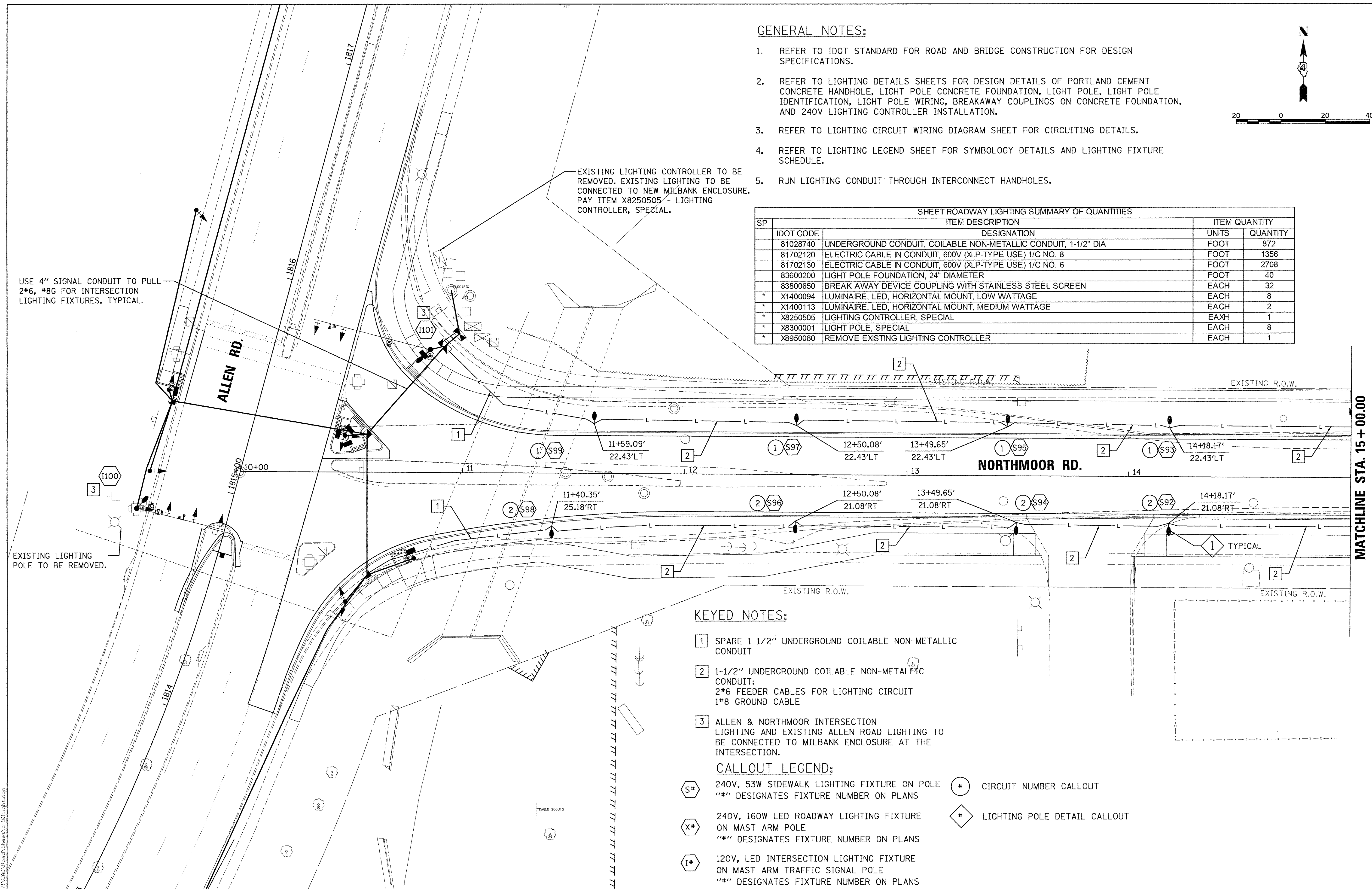
- REFER TO IDOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
- REFER TO LIGHTING DETAILS SHEETS FOR DESIGN DETAILS OF PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, BREAKAWAY COUPLINGS ON CONCRETE FOUNDATION, AND 240V LIGHTING CONTROLLER INSTALLATION.
- REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
- REFER TO LIGHTING LEGEND SHEET FOR SYMBOLOGY DETAILS AND LIGHTING FIXTURE SCHEDULE.
- RUN LIGHTING CONDUIT THROUGH INTERCONNECT HANDHOLES.



EXISTING LIGHTING CONTROLLER TO BE REMOVED. EXISTING LIGHTING TO BE CONNECTED TO NEW MILBANK ENCLOSURE. PAY ITEM X8250505 - LIGHTING CONTROLLER, SPECIAL.

USE 4" SIGNAL CONDUIT TO PULL 2*6, #8G FOR INTERSECTION LIGHTING FIXTURES, TYPICAL.

SHEET ROADWAY LIGHTING SUMMARY OF QUANTITIES			
SP	IDOT CODE	ITEM DESCRIPTION	ITEM QUANTITY
		DESIGNATION	UNITS QUANTITY
	81028740	UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, 1-1/2" DIA	FOOT 872
	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT 1356
	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT 2708
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT 40
	83800650	BREAK AWAY DEVICE COUPLING WITH STAINLESS STEEL SCREEN	EACH 32
*	X1400094	LUMINAIRE, LED, HORIZONTAL MOUNT, LOW WATTAGE	EACH 8
*	X1400113	LUMINAIRE, LED, HORIZONTAL MOUNT, MEDIUM WATTAGE	EACH 2
*	X8250505	LIGHTING CONTROLLER, SPECIAL	EACH 1
*	X8300001	LIGHT POLE, SPECIAL	EACH 8
*	X8950080	REMOVE EXISTING LIGHTING CONTROLLER	EACH 1



KEYED NOTES:

- SPARE 1 1/2" UNDERGROUND COILABLE NON-METALLIC CONDUIT
- 1-1/2" UNDERGROUND COILABLE NON-METALLIC CONDUIT:
2*6 FEEDER CABLES FOR LIGHTING CIRCUIT
1*8 GROUND CABLE
- ALLEN & NORTHMOOR INTERSECTION LIGHTING AND EXISTING ALLEN ROAD LIGHTING TO BE CONNECTED TO MILBANK ENCLOSURE AT THE INTERSECTION.

CALLOUT LEGEND:

- S# 240V, 53W SIDEWALK LIGHTING FIXTURE ON POLE
"#" DESIGNATES FIXTURE NUMBER ON PLANS
- X# 240V, 160W LED ROADWAY LIGHTING FIXTURE ON MAST ARM POLE
"#" DESIGNATES FIXTURE NUMBER ON PLANS
- I# 120V, LED INTERSECTION LIGHTING FIXTURE ON MAST ARM TRAFFIC SIGNAL POLE
"#" DESIGNATES FIXTURE NUMBER ON PLANS
- # CIRCUIT NUMBER CALLOUT
- # LIGHTING POLE DETAIL CALLOUT

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DRAWN	JFC	1/17/17
REVIEWED	RDN	3/14/17
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PLOT DATE = 3/22/2017		DATE - 03/22/17	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD
 LIGHTING PLANS**

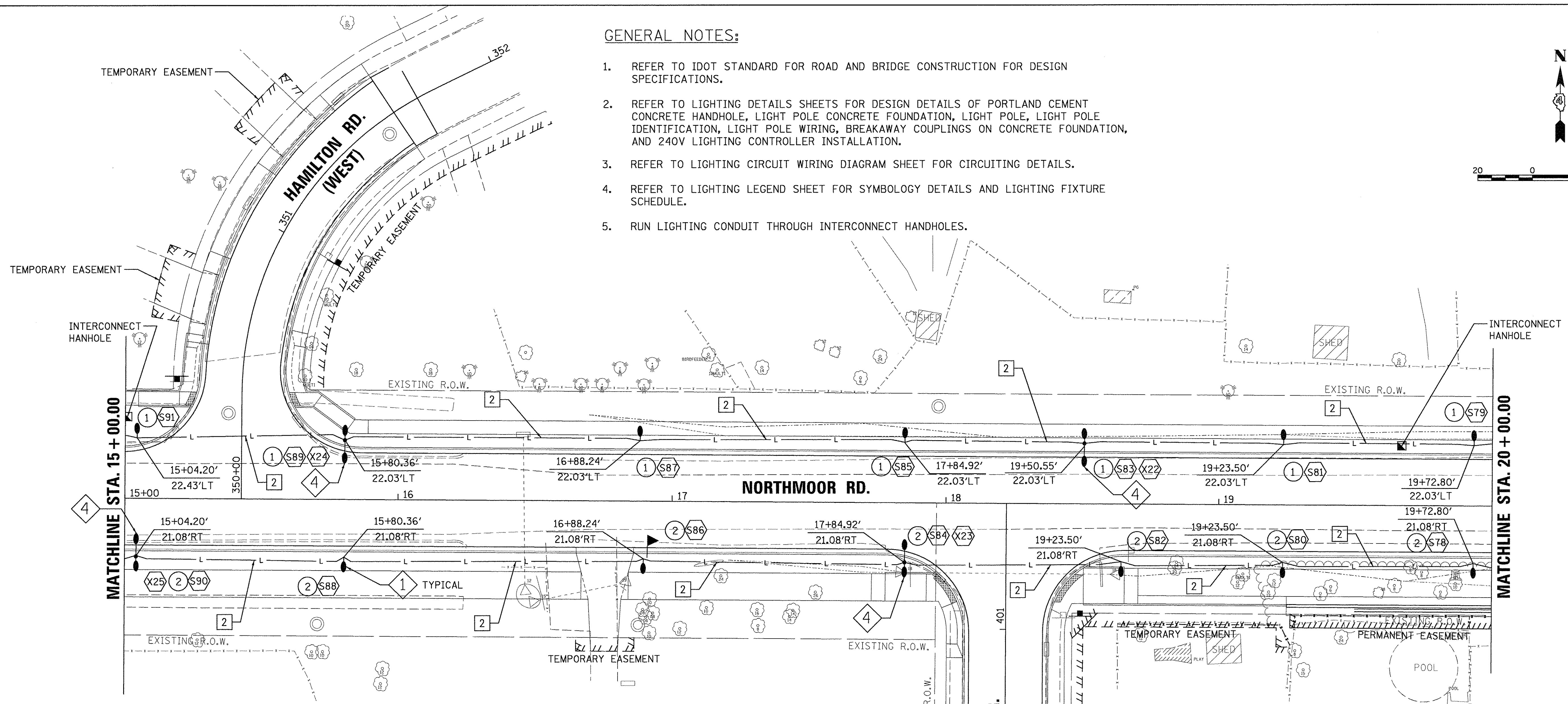
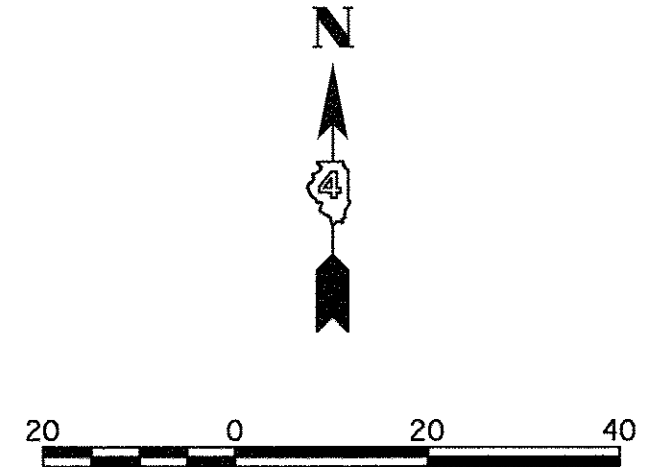
SCALE: 1"=20' SHEET OF SHEETS STA. 10+00.00 TO STA. 15+00.00

F.A.U. RTE. 6647	SECTION 05-00302-00-PV	COUNTY PEORIA	TOTAL SHEETS 385	SHEET NO. 197
ILLINOIS FED. AID PROJECT M-5093(136)				CONTRACT NO. 89386

MATCHLINE STA. 15+00.00

GENERAL NOTES:

1. REFER TO IDOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
2. REFER TO LIGHTING DETAILS SHEETS FOR DESIGN DETAILS OF PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, BREAKAWAY COUPLINGS ON CONCRETE FOUNDATION, AND 240V LIGHTING CONTROLLER INSTALLATION.
3. REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
4. REFER TO LIGHTING LEGEND SHEET FOR SYMBOLOGY DETAILS AND LIGHTING FIXTURE SCHEDULE.
5. RUN LIGHTING CONDUIT THROUGH INTERCONNECT HANDHOLES.



SHEET ROADWAY LIGHTING SUMMARY OF QUANTITIES			
SP	IDOT CODE	ITEM DESCRIPTION	ITEM QUANTITY
	81028740	UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, 1-1/2" DIA	FOOT 1000
	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT 1048
	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT 2096
	83006200	LIGHT POLE, ALUMINUM, 30 FT. M.H., 6FT. MAST ARM	EACH 4
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT 70
	83800650	BREAK AWAY DEVICE COUPLING WITH STAINLESS STEEL SCREEN	EACH 56
*	X1400094	LUMINAIRE, LED, HORIZONTAL MOUNT, LOW WATTAGE	EACH 14
*	X1400095	LUMINAIRE, LED, HORIZONTAL MOUNT, HIGH WATTAGE	EACH 4
*	X8300001	LIGHT POLE, SPECIAL	EACH 10

CALLOUT LEGEND:

- 240V, 53W SIDEWALK LIGHTING FIXTURE ON POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
- 240V, 160W LED ROADWAY LIGHTING FIXTURE ON MAST ARM POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
- 120V, LED INTERSECTION LIGHTING FIXTURE ON MAST ARM TRAFFIC SIGNAL POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
- CIRCUIT NUMBER CALLOUT
- LIGHTING POLE DETAIL CALLOUT

KEYED NOTES:

- NOT USED.
- 1-1/2" UNDERGROUND COILABLE NON-METALLIC CONDUIT;
2#6 FEEDER CABLES FOR LIGHTING CIRCUIT
1#8 GROUND CABLE

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LAYOUT	JFC	1/17/17
DRAWN	JFC	1/17/17
REVIEWED	RDN	3/7/17

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

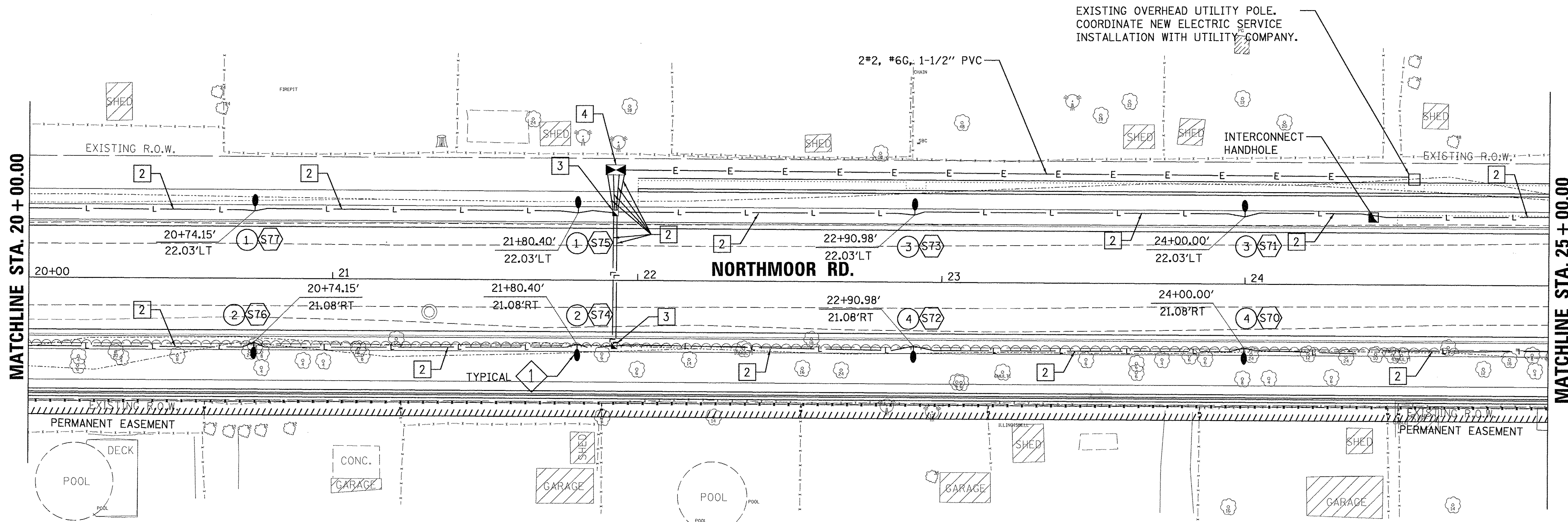
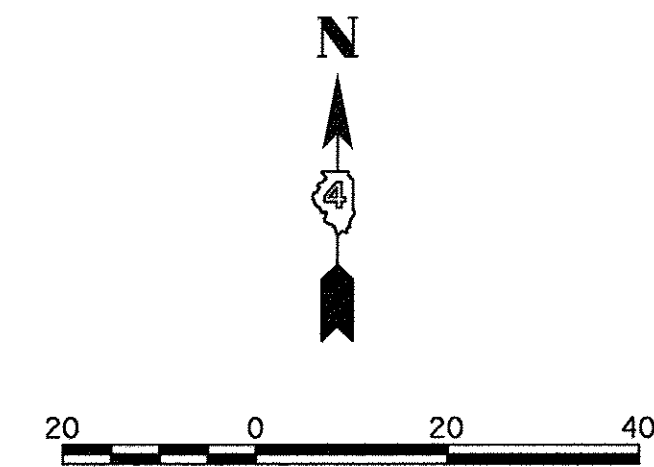
NORTHMOOR ROAD
LIGHTING PLANS

SCALE: 1"=20' SHEET OF SHEETS STA. 15+00.00 TO STA. 20+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	198
CONTRACT NO.89386				
ILLINOIS FED. AID PROJECT				M-5093(136)

KEYED NOTES:

- 1 NOT USED.
- 2 1-1/2" UNDERGROUND COILABLE NON-METALLIC CONDUIT:
2*6 FEEDER CABLES FOR LIGHTING CIRCUIT
1*8 GROUND CABLE
- 3 PORTLAND CEMENT CONCRETE HANDHOLE, LID SHALL NOT SAY TRAFFIC SIGNAL
- 4 240V, 100A BASE MOUNTED LIGHTING CONTROLLER (WEST CONTROLLER)



CALLOUT LEGEND:

- S# 240V, 53W SIDEWALK LIGHTING FIXTURE ON POLE
"#" DESIGNATES FIXTURE NUMBER ON PLANS
- X# 240V, 160W LED ROADWAY LIGHTING FIXTURE ON MAST ARM POLE
"#" DESIGNATES FIXTURE NUMBER ON PLANS
- I# 120V, LED INTERSECTION LIGHTING FIXTURE ON MAST ARM TRAFFIC SIGNAL POLE
"#" DESIGNATES FIXTURE NUMBER ON PLANS
- # CIRCUIT NUMBER CALLOUT
- * LIGHTING POLE DETAIL CALLOUT

GENERAL NOTES:

1. REFER TO IDOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
2. REFER TO LIGHTING DETAILS SHEETS FOR DESIGN DETAILS OF PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, BREAKAWAY COUPLINGS ON CONCRETE FOUNDATION, AND 240V LIGHTING CONTROLLER INSTALLATION.
3. REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
4. REFER TO LIGHTING LEGEND SHEET FOR SYMBOLOGY DETAILS AND LIGHTING FIXTURE SCHEDULE.
5. RUN LIGHTING CONDUIT THROUGH INTERCONNECT HANDHOLES.

SHEET ROADWAY LIGHTING SUMMARY OF QUANTITIES				
SP	ITEM DESCRIPTION		ITEM QUANTITY	
	IDOT CODE	DESIGNATION	UNITS	QUANTITY
	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
	81028340	UNDERGROUND CONDUIT, PVC, 1-1/2" DIA	FOOT	300
	81028740	UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, 1-1/2" DIA	FOOT	1200
	81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	2
	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	1527
	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	3054
	82500410	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 200AMP (DUAL)	EACH	1
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	40
	83800650	BREAK AWAY DEVICE COUPLING WITH STAINLESS STEEL SCREEN	EACH	32
*	X1400094	LUMINAIRE, LED, HORIZONTAL MOUNT, LOW WATTAGE	EACH	8
*	X8300001	LIGHT POLE, SPECIAL	EACH	8

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LAYOUT	JFC	1/17/17
DRAWN	JFC	1/17/17
REVIEWED	RDN	3/14/17

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

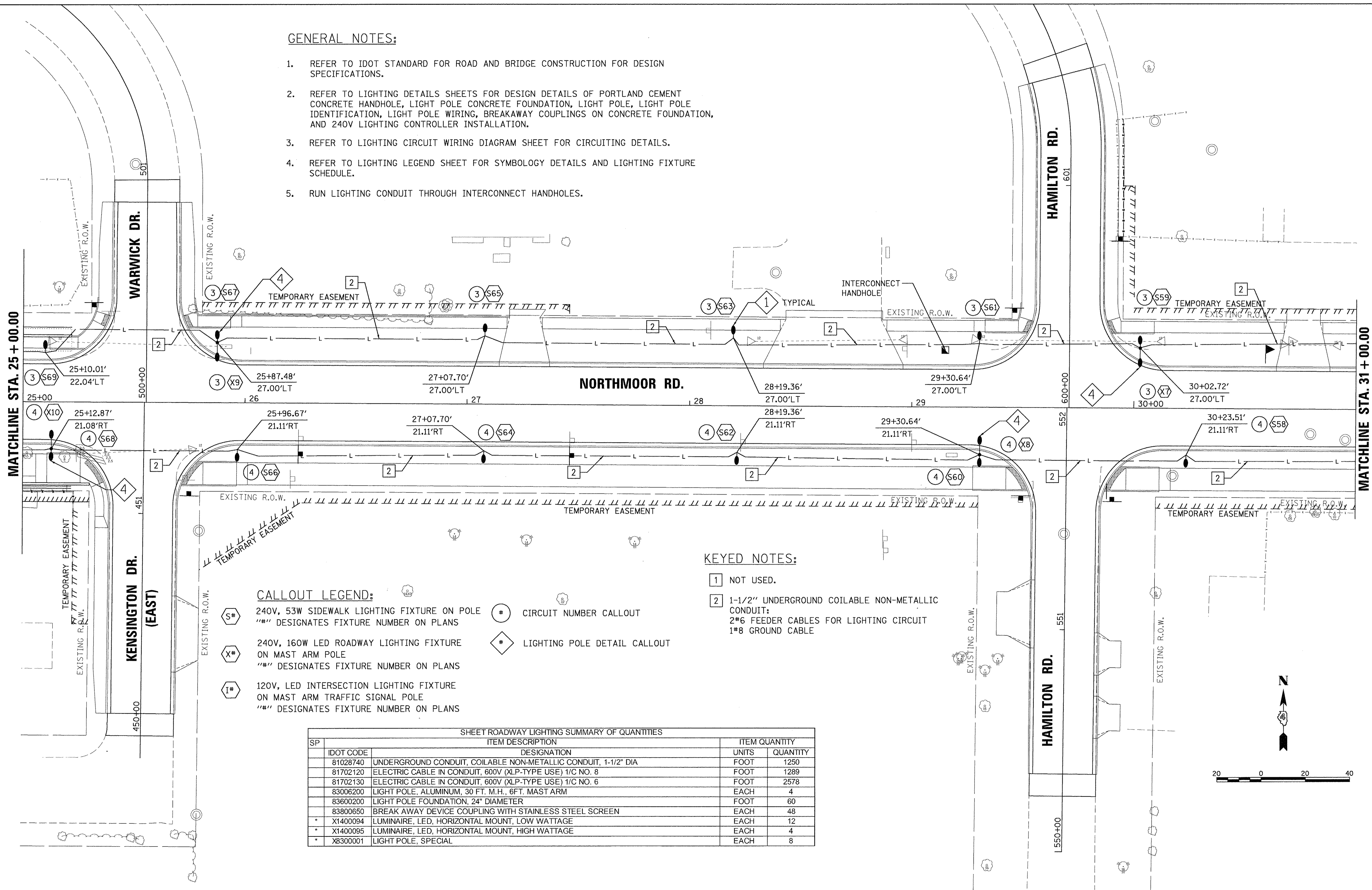
NORTHMOOR ROAD
LIGHTING PLANS

SCALE: 1"=20' SHEET OF SHEETS STA. 20+00.00 TO STA. 25+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	199
CONTRACT NO.89386			ILLINOIS FED. AID PROJECT M-5093136	

GENERAL NOTES:

1. REFER TO IDOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
2. REFER TO LIGHTING DETAILS SHEETS FOR DESIGN DETAILS OF PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, BREAKAWAY COUPLINGS ON CONCRETE FOUNDATION, AND 240V LIGHTING CONTROLLER INSTALLATION.
3. REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
4. REFER TO LIGHTING LEGEND SHEET FOR SYMBOLOGY DETAILS AND LIGHTING FIXTURE SCHEDULE.
5. RUN LIGHTING CONDUIT THROUGH INTERCONNECT HANDHOLES.



KEYED NOTES:

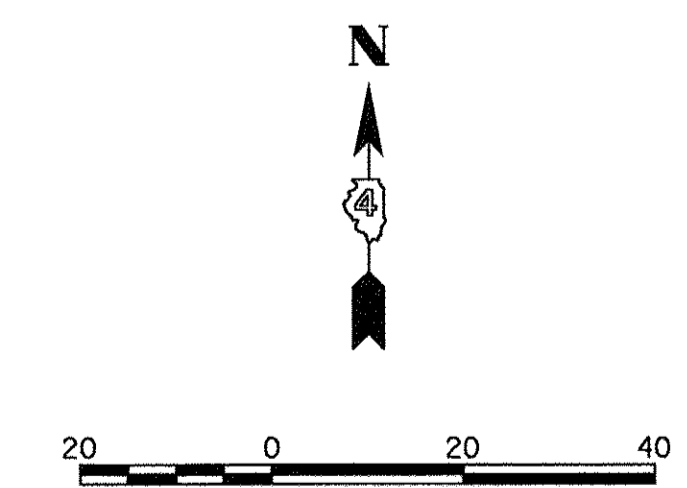
- 1 NOT USED.
- 2 1-1/2" UNDERGROUND COILABLE NON-METALLIC CONDUIT:
2#6 FEEDER CABLES FOR LIGHTING CIRCUIT
1#8 GROUND CABLE

CALLOUT LEGEND:

- S# 240V, 53W SIDEWALK LIGHTING FIXTURE ON POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
- X# 240V, 160W LED ROADWAY LIGHTING FIXTURE ON MAST ARM POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
- I# 120V, LED INTERSECTION LIGHTING FIXTURE ON MAST ARM TRAFFIC SIGNAL POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
- # CIRCUIT NUMBER CALLOUT
- ◇ LIGHTING POLE DETAIL CALLOUT

SHEET ROADWAY LIGHTING SUMMARY OF QUANTITIES

SP	IDOT CODE	ITEM DESCRIPTION	UNITS	QUANTITY
	81028740	UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, 1-1/2" DIA	FOOT	1250
	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	1289
	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	2578
	83006200	LIGHT POLE, ALUMINUM, 30 FT. M.H., 6FT. MAST ARM	EACH	4
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	60
	83800650	BREAK AWAY DEVICE COUPLING WITH STAINLESS STEEL SCREEN	EACH	48
*	X1400094	LUMINAIRE, LED, HORIZONTAL MOUNT, LOW WATTAGE	EACH	12
*	X1400095	LUMINAIRE, LED, HORIZONTAL MOUNT, HIGH WATTAGE	EACH	4
*	X8300001	LIGHT POLE, SPECIAL	EACH	8



LAYOUT	JFC	1/17/17
DRAWN	JFC	1/17/17
REVIEWED	RDN	3/14/17

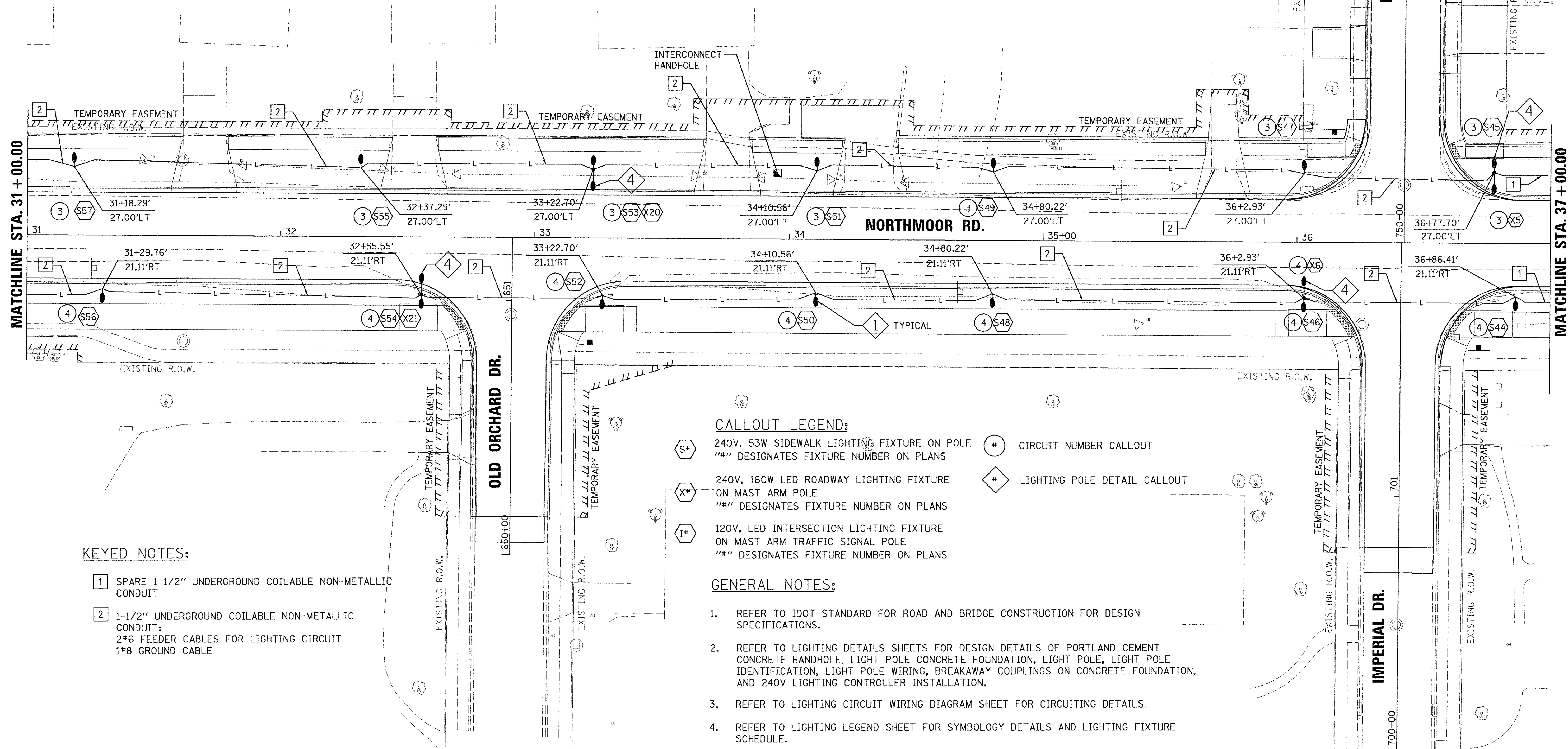
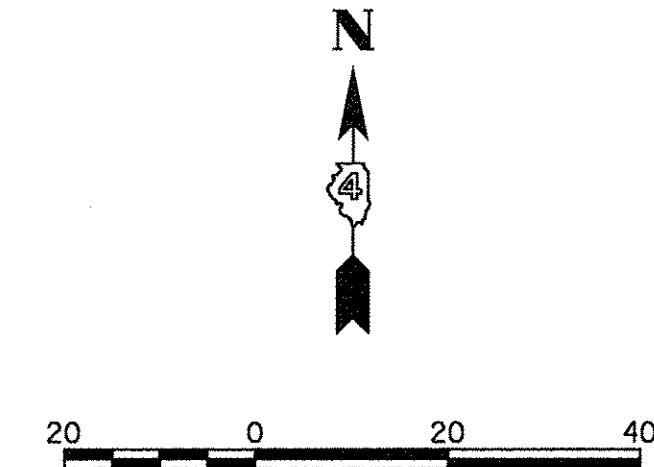
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	PLOT DATE = 3/22/2017	DATE - 03/22/17	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD
 LIGHTING PLANS**
 SCALE: 1"=20' SHEET OF SHEETS STA. 25+00.00 TO STA. 31+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	200
CONTRACT NO.89386			ILLINOIS FED. AID PROJECT M-5093(136)	

SHEET ROADWAY LIGHTING SUMMARY OF QUANTITIES				
SP	IDOT CODE	DESIGNATION	UNITS	QUANTITY
	81028740	UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, 1-1/2" DIA	FOOT	1237
	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	1245
	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	2490
	83006200	LIGHT POLE, ALUMINUM, 30 FT. M.H., 6FT. MAST ARM	EACH	4
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	70
	83800650	BREAK AWAY DEVICE COUPLING WITH STAINLESS STEEL SCREEN	EACH	56
*	X1400094	LUMINAIRE, LED, HORIZONTAL MOUNT, LOW WATTAGE	EACH	14
*	X1400095	LUMINAIRE, LED, HORIZONTAL MOUNT, HIGH WATTAGE	EACH	4
*	X8300001	LIGHT POLE, SPECIAL	EACH	10



KEYED NOTES:

- 1 SPARE 1 1/2" UNDERGROUND COILABLE NON-METALLIC CONDUIT
- 2 1-1/2" UNDERGROUND COILABLE NON-METALLIC CONDUIT;
2#6 FEEDER CABLES FOR LIGHTING CIRCUIT
1#8 GROUND CABLE

CALLOUT LEGEND:

- S# 240V, 53W SIDEWALK LIGHTING FIXTURE ON POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
- X# 240V, 160W LED ROADWAY LIGHTING FIXTURE ON MAST ARM POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
- T# 120V, LED INTERSECTION LIGHTING FIXTURE ON MAST ARM TRAFFIC SIGNAL POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
- # CIRCUIT NUMBER CALLOUT
- ◆ LIGHTING POLE DETAIL CALLOUT

GENERAL NOTES:

1. REFER TO IDOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
2. REFER TO LIGHTING DETAILS SHEETS FOR DESIGN DETAILS OF PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, BREAKAWAY COUPLINGS ON CONCRETE FOUNDATION, AND 240V LIGHTING CONTROLLER INSTALLATION.
3. REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
4. REFER TO LIGHTING LEGEND SHEET FOR SYMBOLOGY DETAILS AND LIGHTING FIXTURE SCHEDULE.
5. RUN LIGHTING CONDUIT THROUGH INTERCONNECT HANDHOLES.

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LAYOUT	JFC	1/17/17
DRAWN	JFC	1/17/17
REVIEWED	RON	3/7/17

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		CHECKED - RDN	REVISED -
		DATE - 03/22/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHMOOR ROAD
LIGHTING PLANS

SCALE: 1"=20' SHEET OF SHEETS STA. 31+00.00 TO STA. 37+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	201
				CONTRACT NO.89386
				ILLINOIS FED. AID PROJECT M-5093(136)

CALLOUT LEGEND:

- 240V, 53W SIDEWALK LIGHTING FIXTURE ON POLE
"#" DESIGNATES FIXTURE NUMBER ON PLANS
- 240V, 160W LED ROADWAY LIGHTING FIXTURE ON MAST ARM POLE
"#" DESIGNATES FIXTURE NUMBER ON PLANS
- 120V, LED INTERSECTION LIGHTING FIXTURE ON MAST ARM TRAFFIC SIGNAL POLE
"#" DESIGNATES FIXTURE NUMBER ON PLANS
- CIRCUIT NUMBER CALLOUT
- LIGHTING POLE DETAIL CALLOUT

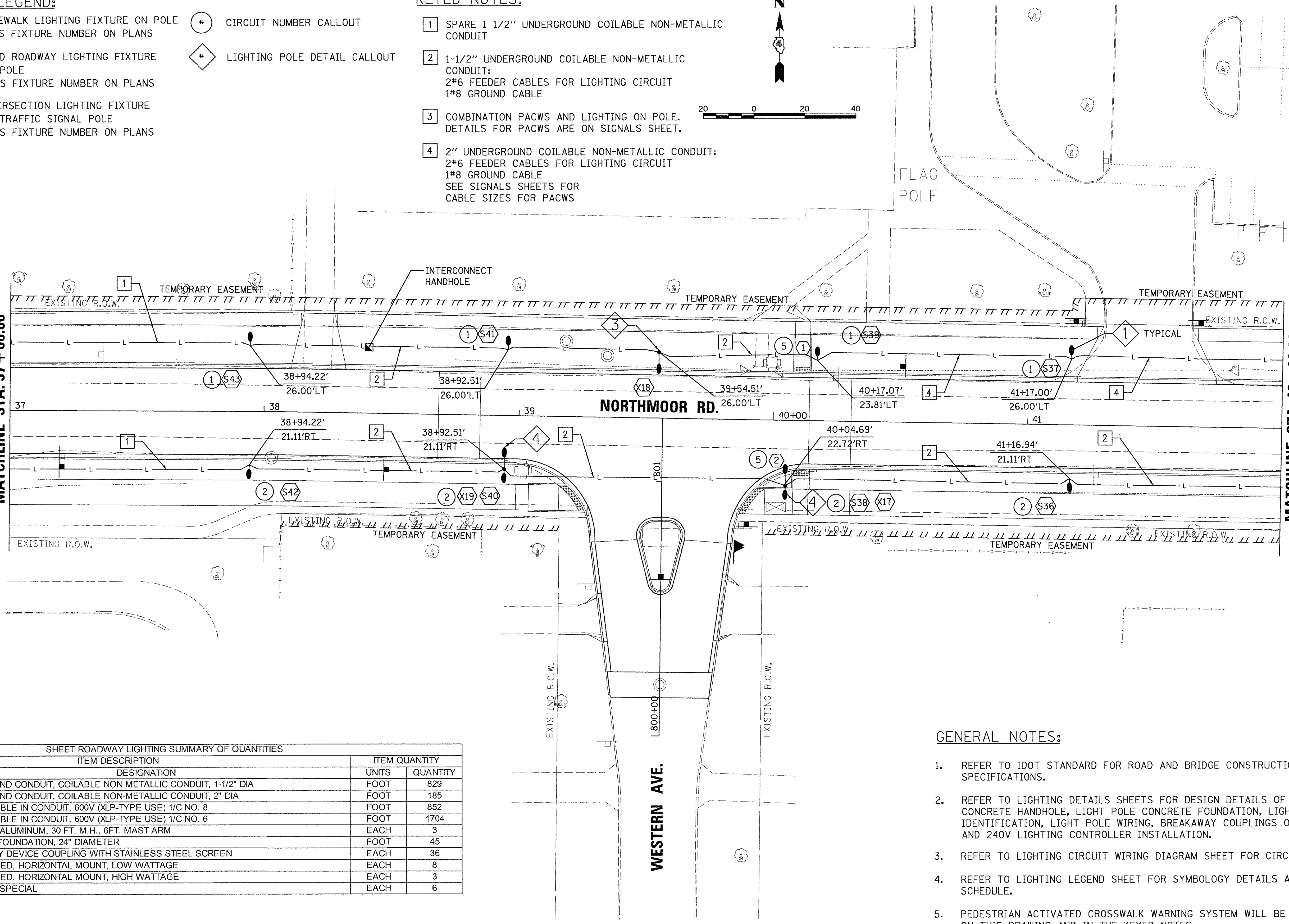
KEYED NOTES:

- 1 SPARE 1 1/2" UNDERGROUND COILABLE NON-METALLIC CONDUIT
- 2 1-1/2" UNDERGROUND COILABLE NON-METALLIC CONDUIT:
2#6 FEEDER CABLES FOR LIGHTING CIRCUIT
1#8 GROUND CABLE
- 3 COMBINATION PACWS AND LIGHTING ON POLE.
DETAILS FOR PACWS ARE ON SIGNALS SHEET.
- 4 2" UNDERGROUND COILABLE NON-METALLIC CONDUIT:
2#6 FEEDER CABLES FOR LIGHTING CIRCUIT
1#8 GROUND CABLE
SEE SIGNALS SHEETS FOR
CABLE SIZES FOR PACWS



MATCHLINE STA. 37 + 00.00

MATCHLINE STA. 42 + 00.00



GENERAL NOTES:

1. REFER TO IDOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
2. REFER TO LIGHTING DETAILS SHEETS FOR DESIGN DETAILS OF PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, BREAKAWAY COUPLINGS ON CONCRETE FOUNDATION, AND 240V LIGHTING CONTROLLER INSTALLATION.
3. REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
4. REFER TO LIGHTING LEGEND SHEET FOR SYMBOLOGY DETAILS AND LIGHTING FIXTURE SCHEDULE.
5. PEDESTRIAN ACTIVATED CROSSWALK WARNING SYSTEM WILL BE ABBREVIATED AS PACWS ON THIS DRAWING AND IN THE KEYED NOTES.
6. RUN LIGHTING CONDUIT THROUGH INTERCONNECT HANDHOLES.

SHEET ROADWAY LIGHTING SUMMARY OF QUANTITIES				
SP	IDOT CODE	ITEM DESCRIPTION	UNITS	QUANTITY
	81028740	UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, 1-1/2" DIA	FOOT	829
	81028750	UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, 2" DIA	FOOT	185
	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	852
	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	1704
	83006200	LIGHT POLE, ALUMINUM, 30 FT. M.H., 6FT. MAST ARM	EACH	3
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	45
	83800650	BREAK AWAY DEVICE COUPLING WITH STAINLESS STEEL SCREEN	EACH	36
*	X1400094	LUMINAIRE, LED, HORIZONTAL MOUNT, LOW WATTAGE	EACH	8
*	X1400095	LUMINAIRE, LED, HORIZONTAL MOUNT, HIGH WATTAGE	EACH	3
*	X8300001	LIGHT POLE, SPECIAL	EACH	6

LAYOUT	JFC	1/17/17
DRAWN	JFC	1/17/17
REVIEWED	RDN	3/7/17

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	PLOT DATE = 3/22/2017	DATE - 03/22/17	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

NORTHMOOR ROAD LIGHTING PLANS	
SCALE: 1"=20'	SHEET OF SHEETS
STA. 37+00.00 TO STA. 42+00.00	

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	202
CONTRACT NO. 89386			ILLINOIS FED. AID PROJECT M-5093(136)	

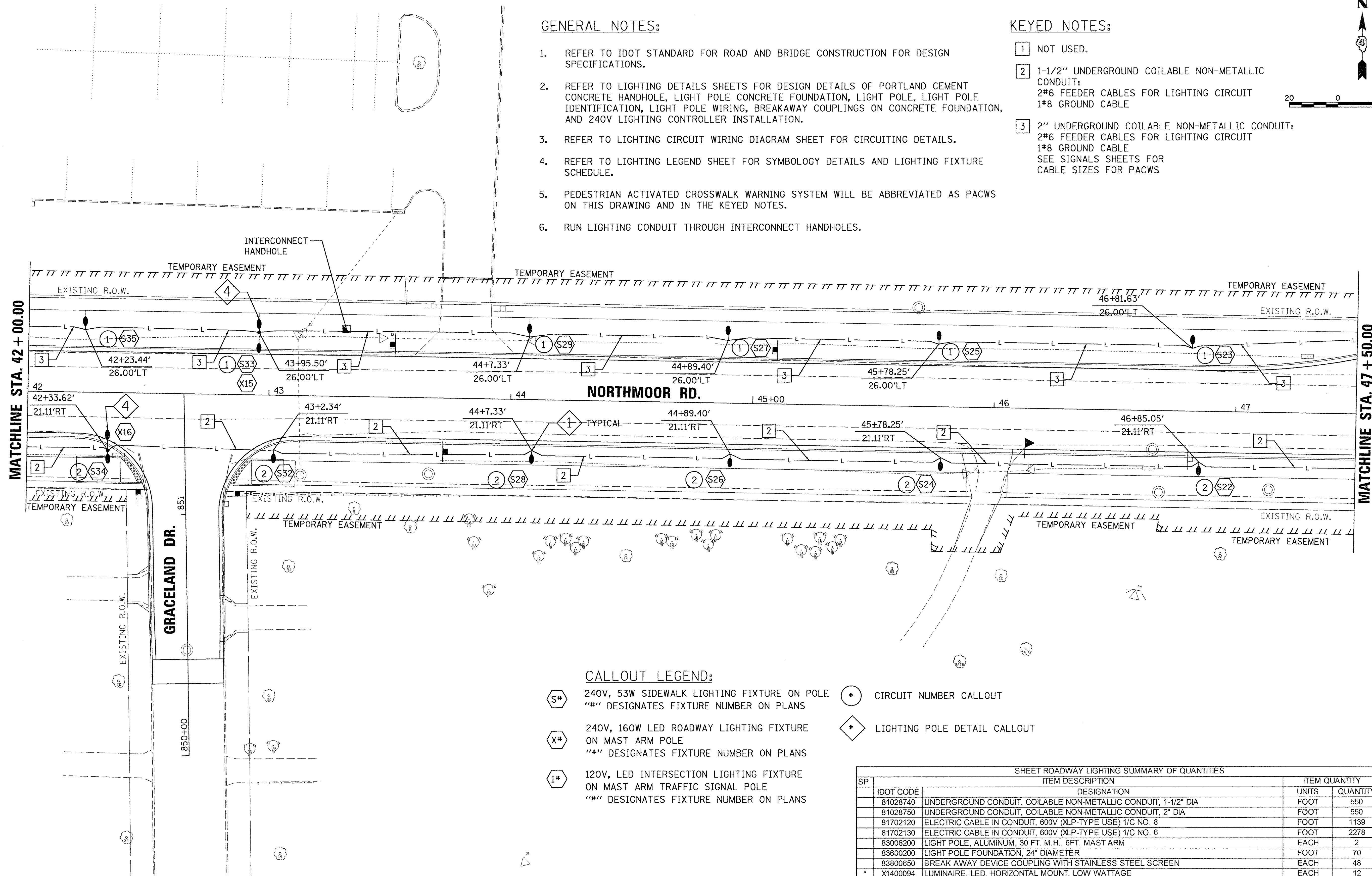


GENERAL NOTES:

1. REFER TO IDOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
2. REFER TO LIGHTING DETAILS SHEETS FOR DESIGN DETAILS OF PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, BREAKAWAY COUPLINGS ON CONCRETE FOUNDATION, AND 240V LIGHTING CONTROLLER INSTALLATION.
3. REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
4. REFER TO LIGHTING LEGEND SHEET FOR SYMBOLOLOGY DETAILS AND LIGHTING FIXTURE SCHEDULE.
5. PEDESTRIAN ACTIVATED CROSSWALK WARNING SYSTEM WILL BE ABBREVIATED AS PACWS ON THIS DRAWING AND IN THE KEYED NOTES.
6. RUN LIGHTING CONDUIT THROUGH INTERCONNECT HANDHOLES.

KEYED NOTES:

- 1 NOT USED.
- 2 1-1/2" UNDERGROUND COILABLE NON-METALLIC CONDUIT:
2#6 FEEDER CABLES FOR LIGHTING CIRCUIT
1#8 GROUND CABLE
- 3 2" UNDERGROUND COILABLE NON-METALLIC CONDUIT:
2#6 FEEDER CABLES FOR LIGHTING CIRCUIT
1#8 GROUND CABLE
SEE SIGNALS SHEETS FOR
CABLE SIZES FOR PACWS



CALLOUT LEGEND:

- 240V, 53W SIDEWALK LIGHTING FIXTURE ON POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
- 240V, 160W LED ROADWAY LIGHTING FIXTURE ON MAST ARM POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
- 120V, LED INTERSECTION LIGHTING FIXTURE ON MAST ARM TRAFFIC SIGNAL POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
- CIRCUIT NUMBER CALLOUT
- LIGHTING POLE DETAIL CALLOUT

SHEET ROADWAY LIGHTING SUMMARY OF QUANTITIES				
SP	IDOT CODE	ITEM DESCRIPTION	UNITS	QUANTITY
	81028740	UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, 1-1/2" DIA	FOOT	550
	81028750	UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, 2" DIA	FOOT	550
	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	1139
	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	2278
	83006200	LIGHT POLE, ALUMINUM, 30 FT. M.H., 6FT. MAST ARM	EACH	2
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	70
	83800650	BREAK AWAY DEVICE COUPLING WITH STAINLESS STEEL SCREEN	EACH	48
*	X1400094	LUMINAIRE, LED, HORIZONTAL MOUNT, LOW WATTAGE	EACH	12
*	X1400095	LUMINAIRE, LED, HORIZONTAL MOUNT, HIGH WATTAGE	EACH	2
*	X8300001	LIGHT POLE, SPECIAL	EACH	10

LAYOUT	JFC	1/17/17
DRAWN	JFC	1/17/17
REVIEWED	RDN	3/14/17

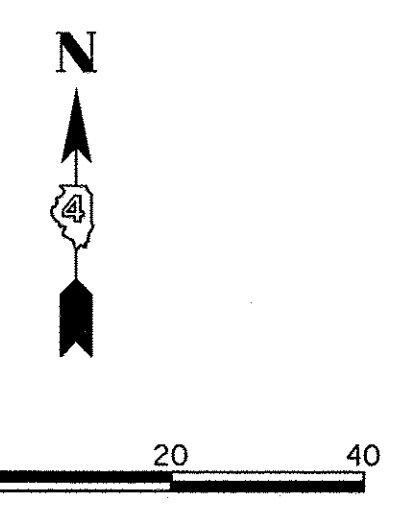
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		CHECKED - RDN	REVISED -
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD
 LIGHTING PLANS**

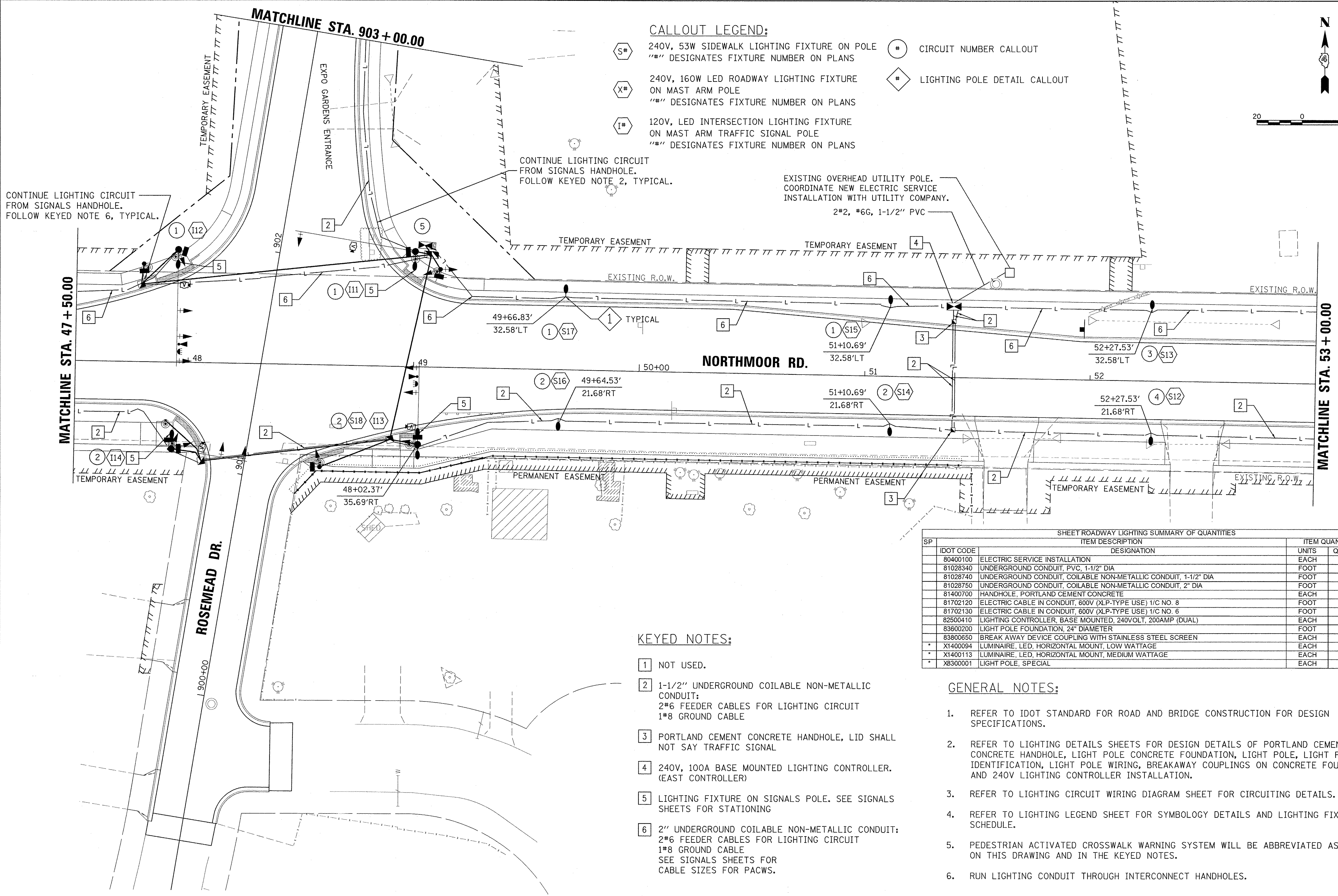
SCALE: 1"=20'	SHEET	OF	SHEETS	STA. 42+00.00 TO STA. 47+50.00
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F.A.U. RTE. 6647	SECTION 05-00302-00-PV	COUNTY PEORIA	TOTAL SHEETS 385	SHEET NO. 203
CONTRACT NO. 89386				ILLINOIS FED. AID PROJECT M-5093(136)



CALLOUT LEGEND:

- 240V, 53W SIDEWALK LIGHTING FIXTURE ON POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
- 240V, 160W LED ROADWAY LIGHTING FIXTURE ON MAST ARM POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
- 120V, LED INTERSECTION LIGHTING FIXTURE ON MAST ARM TRAFFIC SIGNAL POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
- CIRCUIT NUMBER CALLOUT
- LIGHTING POLE DETAIL CALLOUT



KEYED NOTES:

- [1] NOT USED.
- [2] 1-1/2" UNDERGROUND COILABLE NON-METALLIC CONDUIT:
2*6 FEEDER CABLES FOR LIGHTING CIRCUIT
1*8 GROUND CABLE
- [3] PORTLAND CEMENT CONCRETE HANDHOLE, LID SHALL NOT SAY TRAFFIC SIGNAL
- [4] 240V, 100A BASE MOUNTED LIGHTING CONTROLLER. (EAST CONTROLLER)
- [5] LIGHTING FIXTURE ON SIGNALS POLE. SEE SIGNALS SHEETS FOR STATIONING
- [6] 2" UNDERGROUND COILABLE NON-METALLIC CONDUIT:
2*6 FEEDER CABLES FOR LIGHTING CIRCUIT
1*8 GROUND CABLE
SEE SIGNALS SHEETS FOR CABLE SIZES FOR PACWS.

GENERAL NOTES:

- 1. REFER TO IDOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
- 2. REFER TO LIGHTING DETAILS SHEETS FOR DESIGN DETAILS OF PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, BREAKAWAY COUPLINGS ON CONCRETE FOUNDATION, AND 240V LIGHTING CONTROLLER INSTALLATION.
- 3. REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
- 4. REFER TO LIGHTING LEGEND SHEET FOR SYMBOLOGY DETAILS AND LIGHTING FIXTURE SCHEDULE.
- 5. PEDESTRIAN ACTIVATED CROSSWALK WARNING SYSTEM WILL BE ABBREVIATED AS PACWS ON THIS DRAWING AND IN THE KEYED NOTES.
- 6. RUN LIGHTING CONDUIT THROUGH INTERCONNECT HANDHOLES.

SHEET ROADWAY LIGHTING SUMMARY OF QUANTITIES			
SP	IDOT CODE	ITEM DESCRIPTION	ITEM QUANTITY
		DESIGNATION	UNITS QUANTITY
	80400100	ELECTRIC SERVICE INSTALLATION	EACH 1
	81028340	UNDERGROUND CONDUIT, PVC, 1-1/2" DIA	FOOT 50
	81028740	UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, 1-1/2" DIA	FOOT 580
	81028750	UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, 2" DIA	FOOT 560
	81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH 2
	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT 1422
	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT 2844
	82500410	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 200AMP (DUAL)	EACH 1
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT 30
	83800650	BREAK AWAY DEVICE COUPLING WITH STAINLESS STEEL SCREEN	EACH 24
*	X1400094	LUMINAIRE, LED, HORIZONTAL MOUNT, LOW WATTAGE	EACH 6
*	X1400113	LUMINAIRE, LED, HORIZONTAL MOUNT, MEDIUM WATTAGE	EACH 4
*	X8300001	LIGHT POLE, SPECIAL	EACH 6

LAYOUT	JFC	1/17/17
DRAWN	JFC	1/17/17
REVIEWED	RDN	3/14/17

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

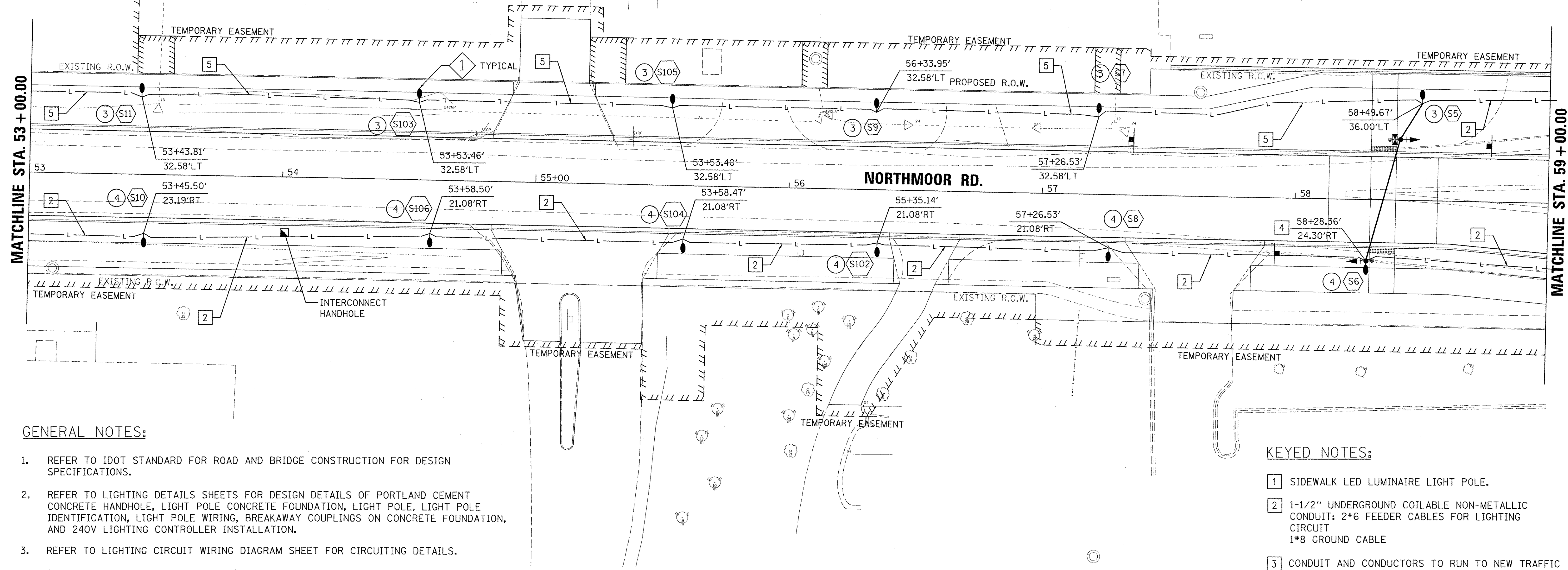
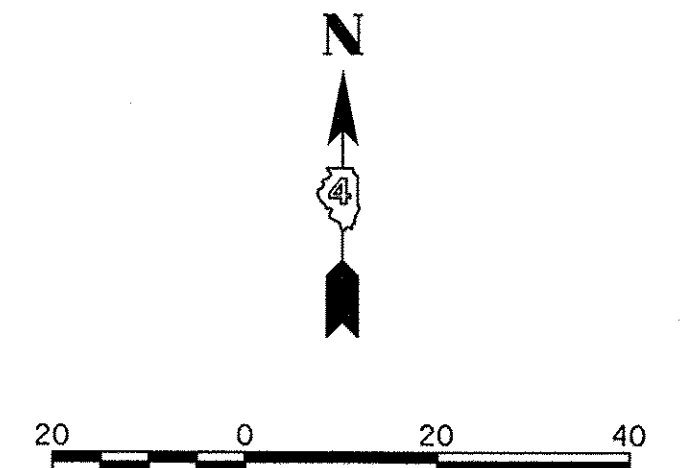
**NORTHMOOR ROAD
 LIGHTING PLANS**

SCALE: 1"=20' SHEET OF SHEETS STA. 47+50.00 TO STA. 53+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	204
CONTRACT NO.89386			ILLINOIS FED. AID PROJECT M-5093036	

CALLOUT LEGEND:

- 240V, 53W SIDEWALK LIGHTING FIXTURE ON POLE
 "##" DESIGNATES FIXTURE NUMBER ON PLANS
- 240V, 160W LED ROADWAY LIGHTING FIXTURE ON MAST ARM POLE
 "##" DESIGNATES FIXTURE NUMBER ON PLANS
- 120V, LED INTERSECTION LIGHTING FIXTURE ON MAST ARM TRAFFIC SIGNAL POLE
 "##" DESIGNATES FIXTURE NUMBER ON PLANS
- CIRCUIT NUMBER CALLOUT
- LIGHTING POLE DETAIL CALLOUT



GENERAL NOTES:

1. REFER TO IDOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
2. REFER TO LIGHTING DETAILS SHEETS FOR DESIGN DETAILS OF PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, BREAKAWAY COUPLINGS ON CONCRETE FOUNDATION, AND 240V LIGHTING CONTROLLER INSTALLATION.
3. REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
4. REFER TO LIGHTING LEGEND SHEET FOR SYMBOLOGY DETAILS AND LIGHTING FIXTURE SCHEDULE.
5. PEDESTRIAN ACTIVATED CROSSWALK WARNING SYSTEM WILL BE ABBREVIATED AS PACWS ON THIS DRAWING AND IN THE KEYED NOTES.
6. RUN LIGHTING CONDUIT THROUGH INTERCONNECT HANDHOLES.

KEYED NOTES:

- 1 SIDEWALK LED LUMINAIRE LIGHT POLE.
- 2 1-1/2" UNDERGROUND COILABLE NON-METALLIC CONDUIT: 2#6 FEEDER CABLES FOR LIGHTING CIRCUIT
1#8 GROUND CABLE
- 3 CONDUIT AND CONDUCTORS TO RUN TO NEW TRAFFIC POLES. THE LIGHTING CONDUCTORS WILL BE ROUTED TO THE INTERSECTION LUMINAIRES MOUNTED ON THE MAST ARM POLE. SEE TRAFFIC SIGNAL PLANS FOR CONDUIT/CABLE INFORMATION AND ROUTING DETAILS.
- 4 COMBINATION PACWS AND LIGHTING POLE.
- 5 2" UNDERGROUND COILABLE NON-METALLIC CONDUIT: 2#6 FEEDER CABLES FOR LIGHTING CIRCUIT
1#8 GROUND CABLE
SEE SIGNALS SHEETS FOR CABLE SIZES FOR PACWS.

SHEET ROADWAY LIGHTING SUMMARY OF QUANTITIES				
SP	IDOT CODE	ITEM DESCRIPTION	UNITS	QUANTITY
	81028740	UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, 1-1/2" DIA	FOOT	650
	81028750	UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, 2" DIA	FOOT	550
	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	1239
	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	2478
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	60
	83800650	BREAK AWAY DEVICE COUPLING WITH STAINLESS STEEL SCREEN	EACH	48
*	X1400094	LUMINAIRE, LED, HORIZONTAL MOUNT, LOW WATTAGE	EACH	12
*	X8300001	LIGHT POLE, SPECIAL	EACH	12

LAYOUT JFC 1/17/17
 DRAWN JFC 1/17/17
 REVIEWED RDN 3/14/17
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		DATE - 4/14/17	REVISED -

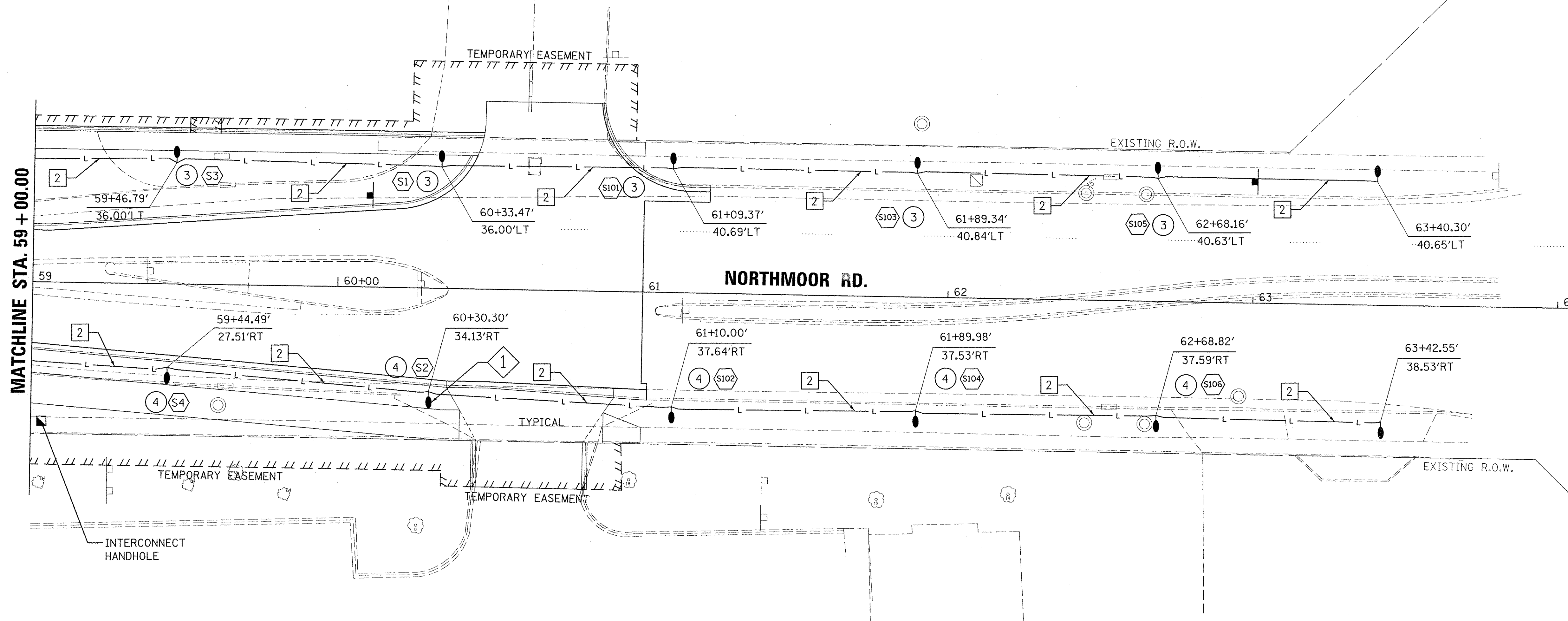
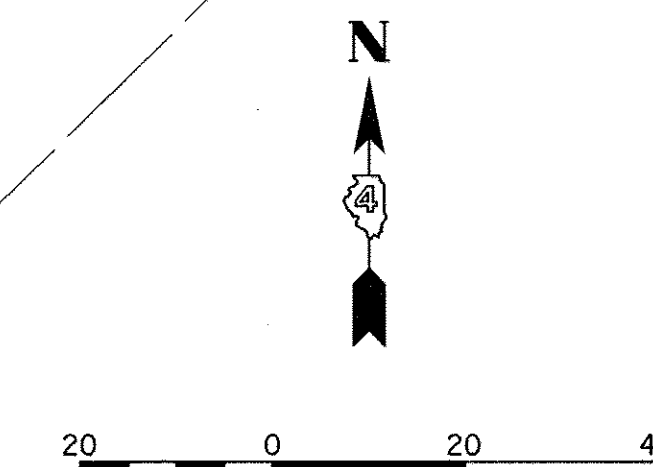
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHMOOR ROAD
LIGHTING PLANS

SCALE: 1"=20' SHEET OF SHEETS STA. 53+00.00 TO STA. 59+00.00

F.A.U. RTE. 6647	SECTION 05-00302-00-PV	COUNTY PEORIA	TOTAL SHEETS 385	SHEET NO. 205
CONTRACT NO. 89386				
ILLINOIS FED. AID PROJECT M-5093(136)				

SHEET ROADWAY LIGHTING SUMMARY OF QUANTITIES				
SP	IDOT CODE	ITEM DESCRIPTION	UNITS	QUANTITY
	81028740	UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, 1-1/2" DIA	FOOT	900
	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	939
	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	1558
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	50
	83800650	BREAK AWAY DEVICE COUPLING WITH STAINLESS STEEL SCREEN	EACH	40
*	X1400094	LUMINAIRE, LED, HORIZONTAL MOUNT, LOW WATTAGE	EACH	12
*	X8300001	LIGHT POLE, SPECIAL	EACH	12



CALLOUT LEGEND:

- 240V, 53W SIDEWALK LIGHTING FIXTURE ON POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
- 240V, 160W LED ROADWAY LIGHTING FIXTURE ON MAST ARM POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
- 120V, LED INTERSECTION LIGHTING FIXTURE ON MAST ARM TRAFFIC SIGNAL POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
- CIRCUIT NUMBER CALLOUT
- LIGHTING POLE DETAIL CALLOUT

KEYED NOTES:

- ROADWAY AND SIDEWALK LED LUMINAIRE ASSEMBLY LIGHT POLE WITH RECEPTACLE.
- 1-1/2" UNDERGROUND COILABLE NON-METALLIC CONDUIT;
2#6 FEEDER CABLES FOR LIGHTING CIRCUIT
1#8 GROUND CABLE

GENERAL NOTES:

1. REFER TO IDOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
2. REFER TO LIGHTING DETAILS SHEETS FOR DESIGN DETAILS OF PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, BREAKAWAY COUPLINGS ON CONCRETE FOUNDATION, AND 240V LIGHTING CONTROLLER INSTALLATION.
3. REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
4. REFER TO LIGHTING LEGEND SHEET FOR SYMBOLOGY DETAILS AND LIGHTING FIXTURE SCHEDULE.
5. RUN LIGHTING CONDUIT THROUGH INTERCONNECT HANDHOLES.

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DRAWN	JFC	1/17/17
REVIEWED	RON	3/14/17

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		DATE - 4/14/17	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD
 LIGHTING PLANS**

SCALE: 1"=20' SHEET OF SHEETS STA. 59+00.00 TO STA. 63+00.00

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	206
CONTRACT NO.89386			ILLINOIS FED. AID PROJECT M-5093(336)	

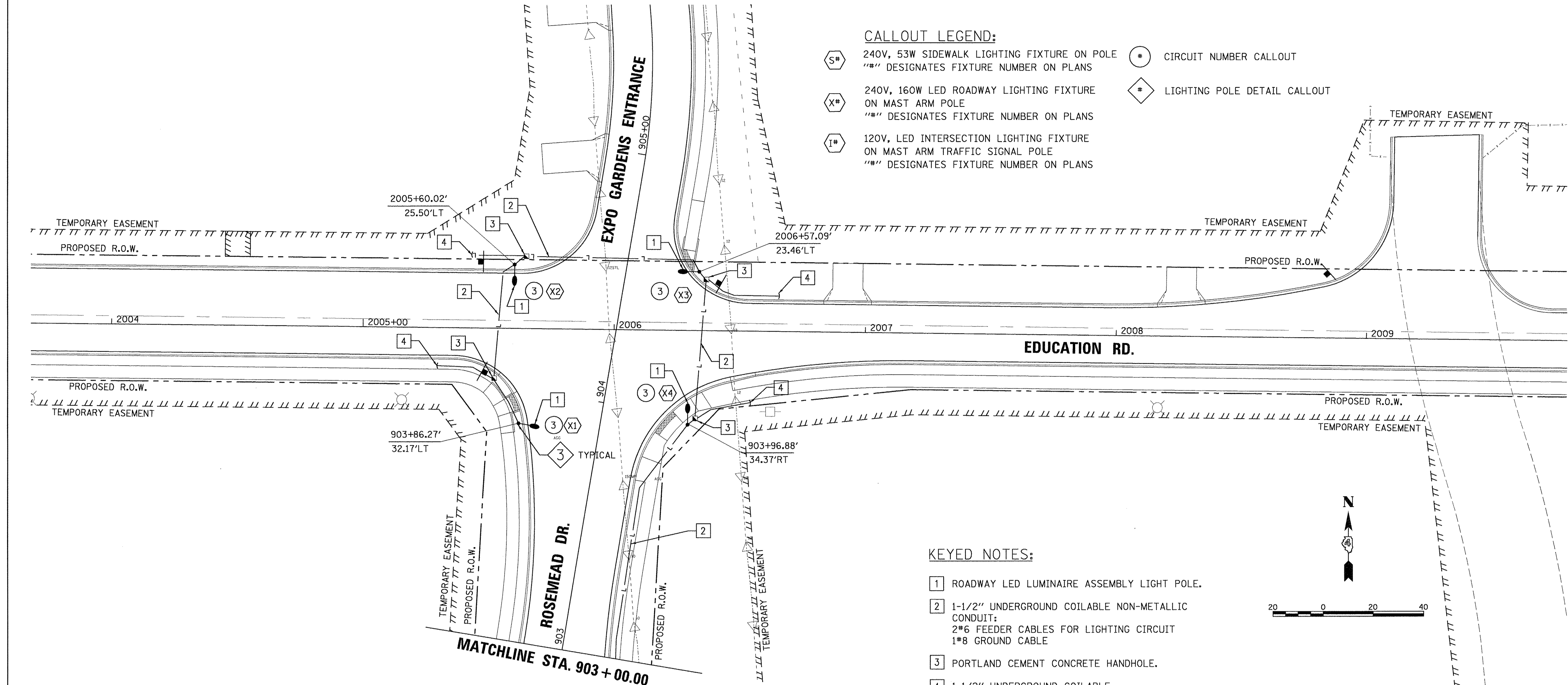
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310+00

309

308

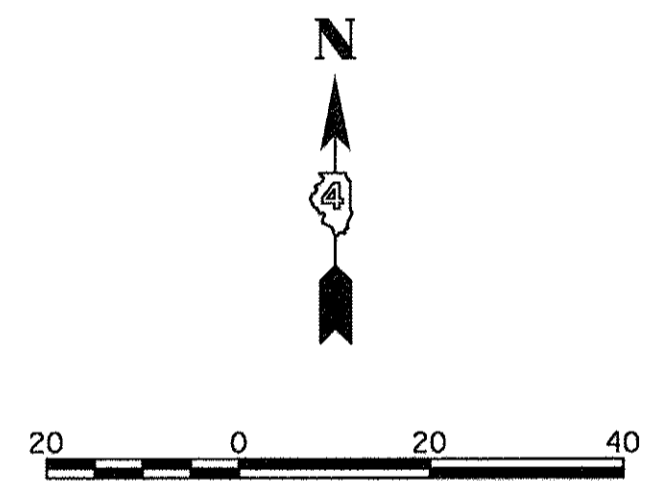
UNIVERSITY STREET



- CALLOUT LEGEND:**
- S# 240V, 53W SIDEWALK LIGHTING FIXTURE ON POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
 - X# 240V, 160W LED ROADWAY LIGHTING FIXTURE ON MAST ARM POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
 - I# 120V, LED INTERSECTION LIGHTING FIXTURE ON MAST ARM TRAFFIC SIGNAL POLE
"##" DESIGNATES FIXTURE NUMBER ON PLANS
 - # CIRCUIT NUMBER CALLOUT
 - # LIGHTING POLE DETAIL CALLOUT

KEYED NOTES:

- 1 ROADWAY LED LUMINAIRE ASSEMBLY LIGHT POLE.
- 2 1-1/2" UNDERGROUND COILABLE NON-METALLIC CONDUIT:
2*6 FEEDER CABLES FOR LIGHTING CIRCUIT
1*8 GROUND CABLE
- 3 PORTLAND CEMENT CONCRETE HANDHOLE.
- 4 1-1/2" UNDERGROUND COILABLE NON-METALLIC CONDUIT TO BE STUBBED OUT OF HANDHOLE FOR FUTURE EXPANSION OF LIGHTING. CAP AND SEAL CONDUIT AT THE END.



GENERAL NOTES:

- 1. REFER TO IDOT STANDARD FOR ROAD AND BRIDGE CONSTRUCTION FOR DESIGN SPECIFICATIONS.
- 2. REFER TO LIGHTING DETAILS SHEETS FOR DESIGN DETAILS OF PORTLAND CEMENT CONCRETE HANDHOLE, LIGHT POLE CONCRETE FOUNDATION, LIGHT POLE, LIGHT POLE IDENTIFICATION, LIGHT POLE WIRING, BREAKAWAY COUPLINGS ON CONCRETE FOUNDATION, AND 240V LIGHTING CONTROLLER INSTALLATION.
- 3. REFER TO LIGHTING CIRCUIT WIRING DIAGRAM SHEET FOR CIRCUITING DETAILS.
- 4. REFER TO LIGHTING LEGEND SHEET FOR SYMBOLOGY DETAILS AND LIGHTING FIXTURE SCHEDULE.

SHEET ROADWAY LIGHTING SUMMARY OF QUANTITIES				
SP	IDOT CODE	DESIGNATION	UNITS	QUANTITY
	81028740	UNDERGROUND CONDUIT, COILABLE NON-METALLIC CONDUIT, 1-1/2" DIA	FOOT	310
	81400700	HANDHOLE, PORTLAND CEMENT CONCRETE	EACH	4
	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	322
	81702130	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 6	FOOT	644
	83006200	LIGHT POLE, ALUMINUM, 30 FT. M.H., 6FT. MAST ARM	EACH	4
	83600200	LIGHT POLE FOUNDATION, 24" DIAMETER	FOOT	20
	83800650	BREAK AWAY DEVICE COUPLING WITH STAINLESS STEEL SCREEN	EACH	16
*	X1400095	LUMINAIRE, LED, HORIZONTAL MOUNT, HIGH WATTAGE	EACH	4

LAYOUT JFC 1/17/17
 DRAWN JFC 1/17/17
 REVIEWED RDN 3/14/17
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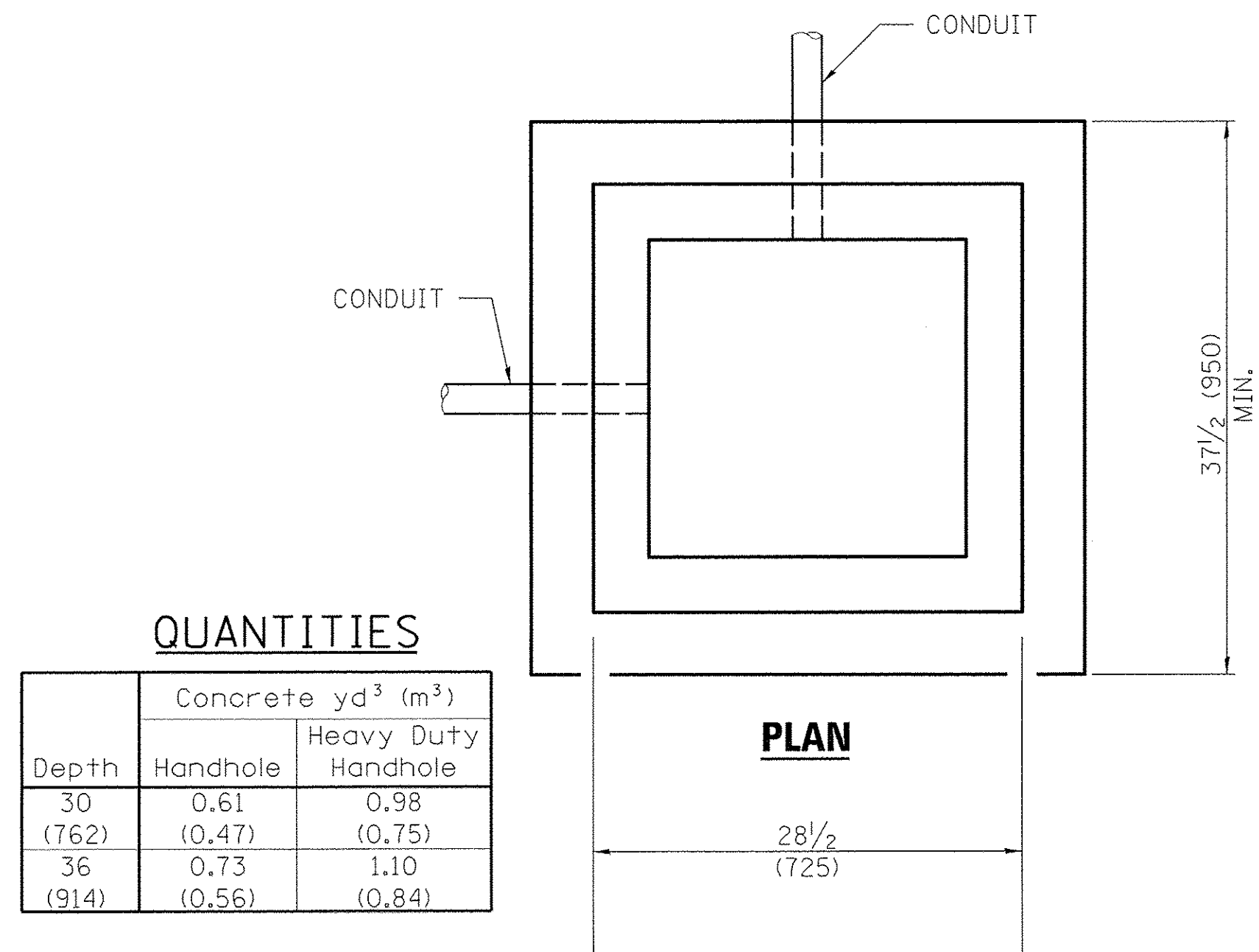
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EDUCATION ROAD
 LIGHTING PLANS**

SCALE: 1"=20'	SHEET	OF	SHEETS	STA. 903+00.00 TO STA. 905+00.00	F.A.U. RTE. 6647	SECTION 05-00302-00-PV	COUNTY PEORIA	TOTAL SHEETS 385	SHEET NO. 207
								CONTRACT NO. 89386	
								ILLINOIS FED. AID PROJECT M-5093(136)	

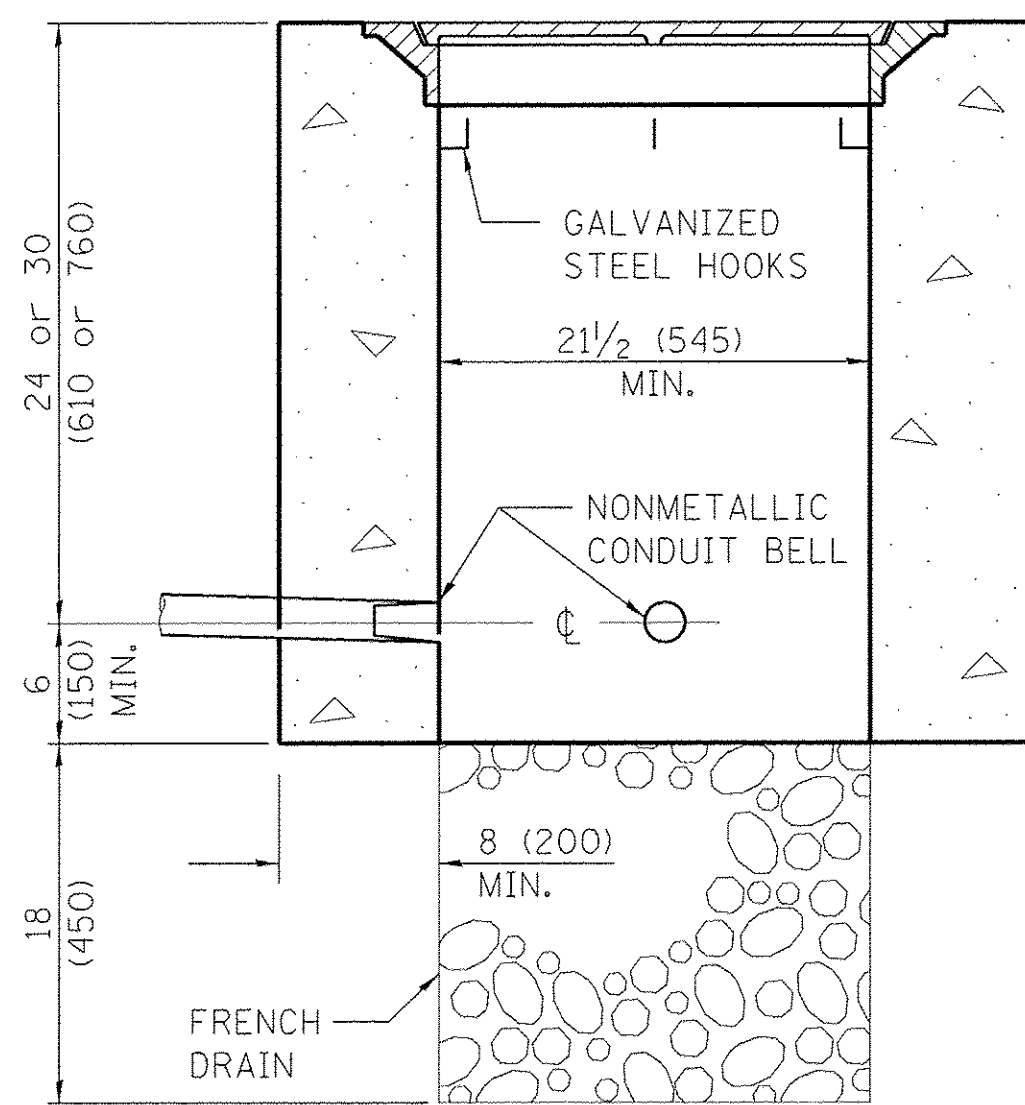
LIGHT POLE MOUNTING HEIGHT	BOLT CIRCLE DIAMETER	METAL FOUNDATION			CONCRETE FOUNDATION		
		SHAFT DIAMETER	SHAFT DEPTH	TOP PLATE (min)	SHAFT DIAMETER	SHAFT DEPTH	ANCHOR ROD LENGTH ①
≤30' (9.1 m)	11 1/2 (292)	8 5/8 (220)	6' (1.83 m)	12 x 12 x 1 (300 x 300 x 25)	24 (610)	5'-0" (1.52 m)	4'-9" (1.45 m)
31'-35' (9.4 m - 10.7 m)	11 1/2 (292)	8 5/8 (220)	6' (1.83 m)	12 x 12 x 1 (300 x 300 x 25)	24 (610)	5'-6" (1.67 m)	5'-3" (1.60 m)
36'-40' (10.9 m - 12.2 m)	15 (381) ③	8 5/8 (220)	6' (1.83 m)	15 x 15 x 1 1/4 (375 x 375 x 31)	30 (762)	6'-0" (1.83 m)	5'-9" (1.75 m)
41'-45' (12.5 m - 13.7 m)	15 (381) ③	8 5/8 (220)	6' (1.83 m)	15 x 15 x 1 1/4 (375 x 375 x 31)	30 (762)	6'-6" (1.98 m)	6'-3" (1.90 m)
46'-50' (14.0 m - 15.2 m)	15 (381) ③	8 5/8 (220)	8' (2.44 m)	15 x 15 x 1 1/4 (375 x 375 x 31)	30 (762)	7'-0" (2.13 m)	6'-9" (2.00 m)

- ① LENGTH DOES NOT INCLUDE 4 (100) HOOK.
- ② 8 5/8" X 8'-0" (220 X 2.44 M) FOR TWIN LUMINAIRES.
- ③ BOLT CIRCLE DIAM. SHALL BE 17 (430) WHEN A TRANSFORMER BASE IS USED.

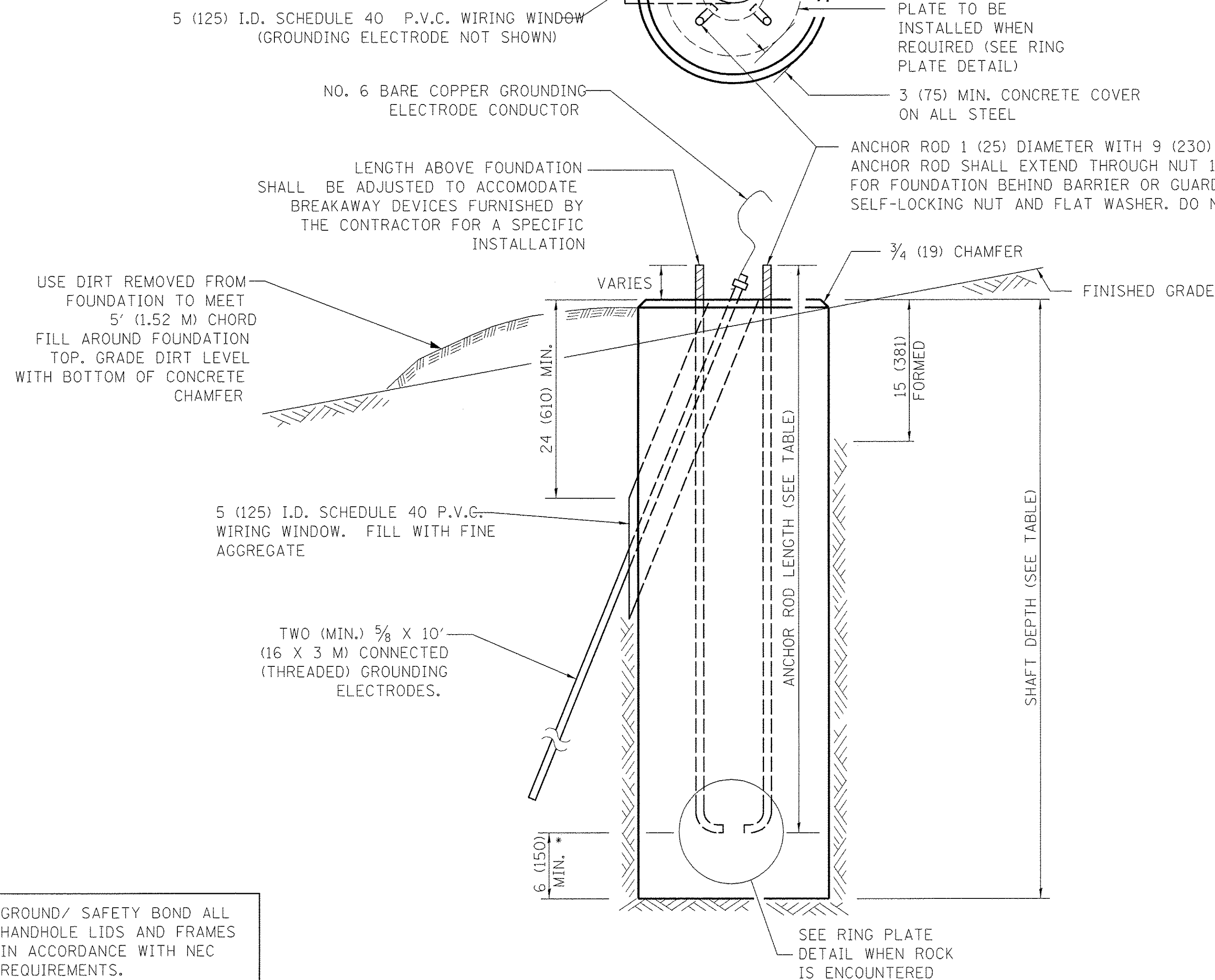


QUANTITIES

Depth	Concrete yd ³ (m ³)	
	Handhole	Heavy Duty Handhole
30 (762)	0.61 (0.47)	0.98 (0.75)
36 (914)	0.73 (0.56)	1.10 (0.84)



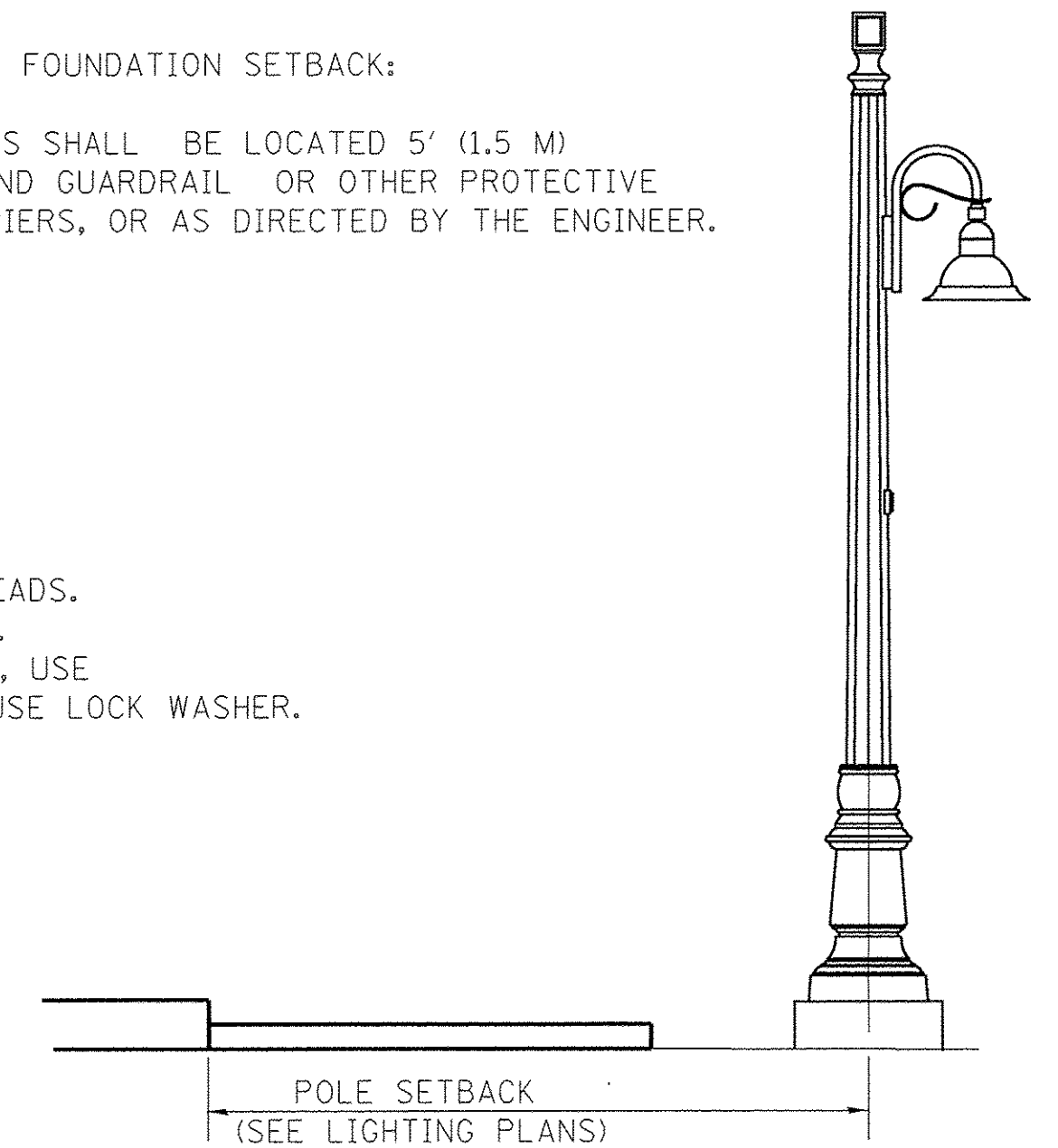
ELEVATION
PORTLAND CEMENT CONCRETE HANDHOLE DETAIL
 NO SCALE



* IF THE REQUIRED ANCHOR ROD LENGTH ABOVE TOP OF FOUNDATION IS LESS THAN 3 (75), ANCHOR RODS MAY BE LOWERED BELOW 6 (150).

LIGHT POLE CONCRETE FOUNDATION DETAIL
 NO SCALE

POLE FOUNDATION SETBACK:
 POLES SHALL BE LOCATED 5' (1.5 M) BEHIND GUARDRAIL OR OTHER PROTECTIVE BARRIERS, OR AS DIRECTED BY THE ENGINEER.



GENERAL NOTES

ALL FOUNDATIONS ARE DESIGNED TO BE LOCATED ON SLOPES NOT EXCEEDING 2:1 WHERE SOILS HAVE AN UNCONFINED COMPRESSIVE STRENGTH OF AT LEAST 1.0 TSF. THE CONTRACTOR SHALL VERIFY THE SOIL STRENGTH DURING DRILLING FOR CONCRETE FOUNDATIONS OR BY MONITORING INSTALLATION RESISTANCE OF METAL FOUNDATIONS AND NOTIFY THE ENGINEER IF OTHER CONDITIONS ARE ENCOUNTERED.

WHEN ROCK IS ENCOUNTERED THE FOUNDATION DEPTH MAY BE REDUCED 6 (150) FOR EVERY 12 (300) OF EMBEDMENT IN ROCK. THE MINIMUM FOUNDATION DEPTH SHALL BE 4'-6" (1.37 M) WITH CUT ANCHOR RODS 6 (150) ABOVE BOTTOM OF EXCAVATED HOLE. SEE RING PLATE DETAIL.

ANCHOR RODS SHALL BE INCREASED IN DIAMETER AS NEEDED FOR 50' (15.2 M) MOUNTING HEIGHT OR ABOVE. THE CONTRACTOR SHALL MATCH THE BREAKAWAY DEVICE SIZE OR SLOTTED HOLE SIZE IN THE POLE BASE PLATE TO ACCOMMODATE LARGER ROD SIZES.

TRANSFORMER BASES SHALL NOT BE USED ON METAL FOUNDATIONS.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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REVIEWED	RDN	3/7/17

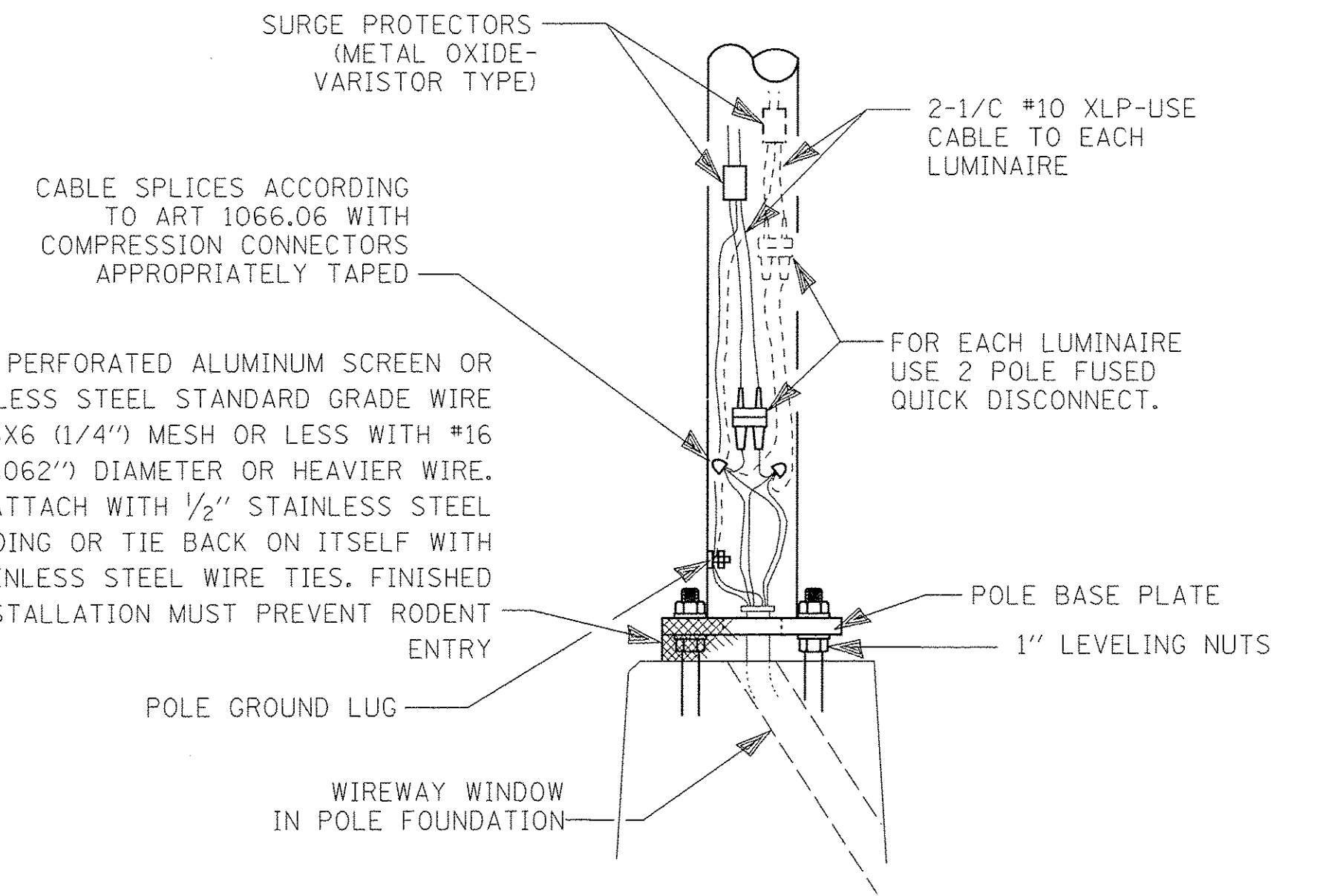
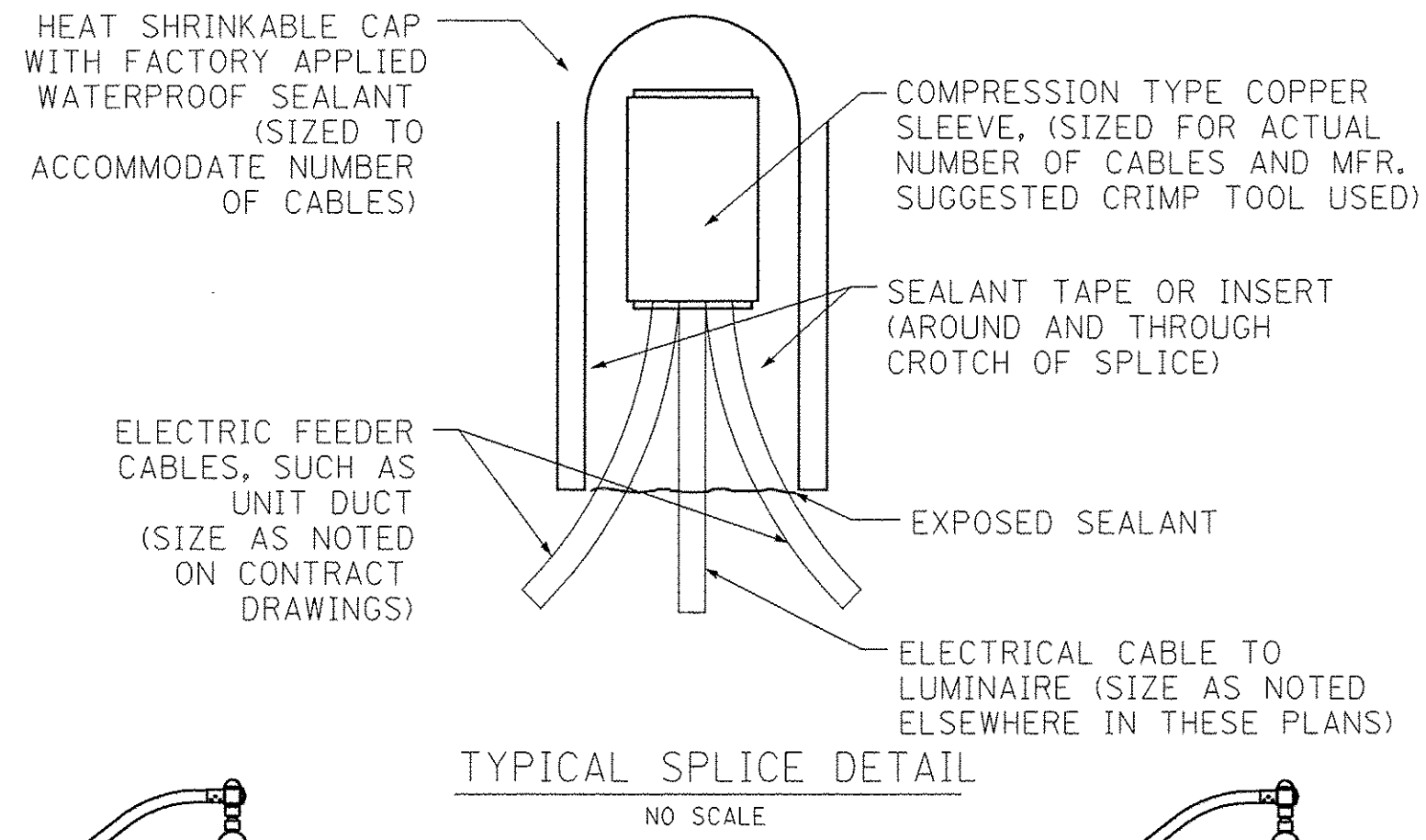
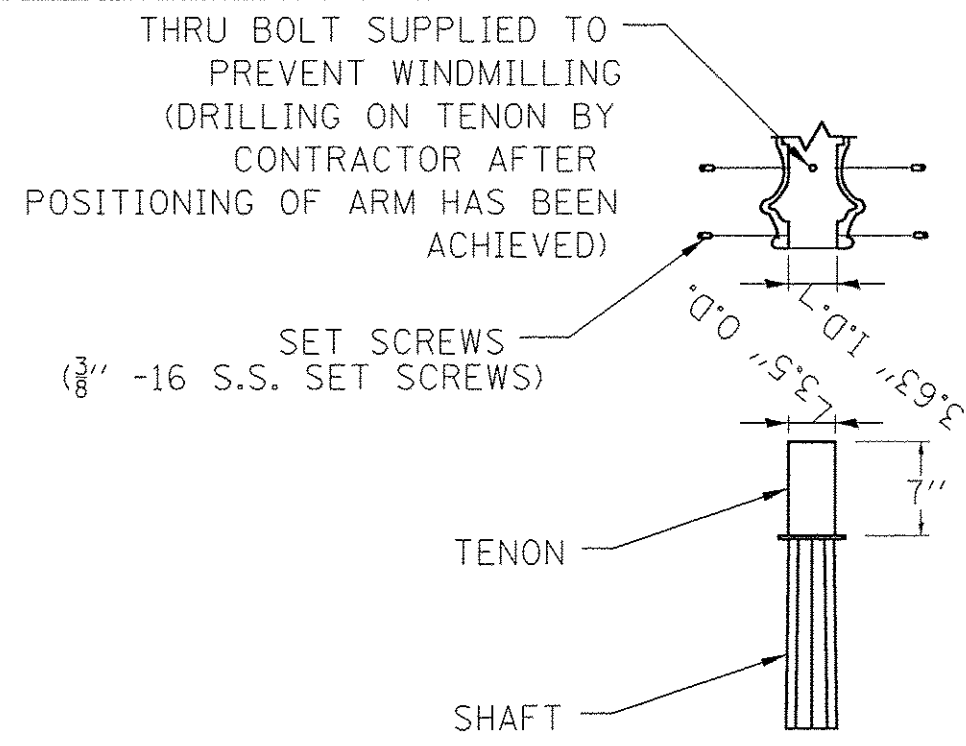
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		DATE - 03/22/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHMOOR ROAD
LIGHTING DETAILS

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	208
				CONTRACT NO.89386
				ILLINOIS FED. AID PROJECT M-5093(136)

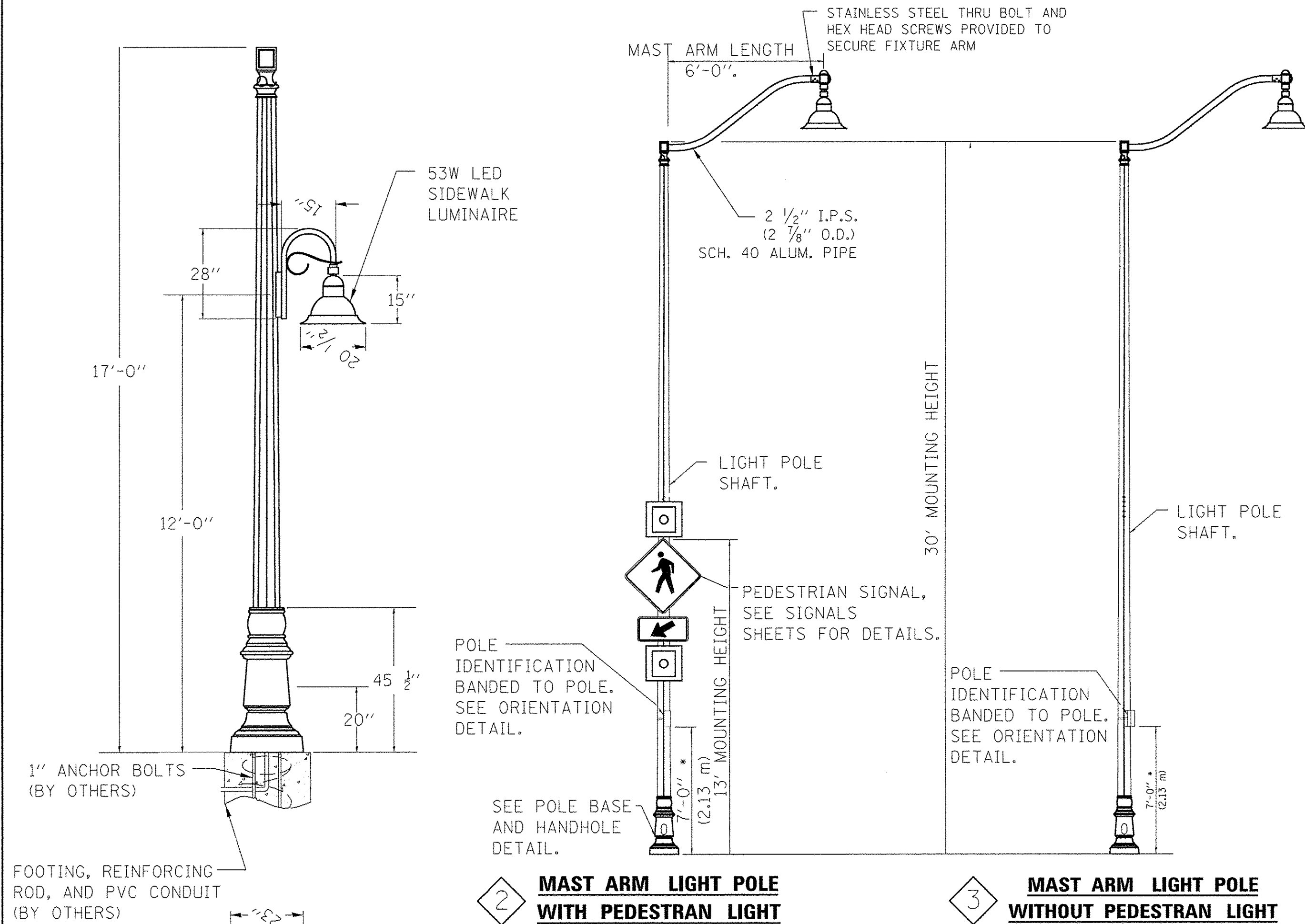


ALL TAPED SPLICES SHALL USE 2 LAYERS OF ELECTRICAL TAPE OVER 3 LAYERS OF RUBBER TAPE AS REQUIRED BY THE STANDARD SPECIFICATIONS. COAT THE FINISHED TAPED SPLICE WITH BONDING COMPOUND.

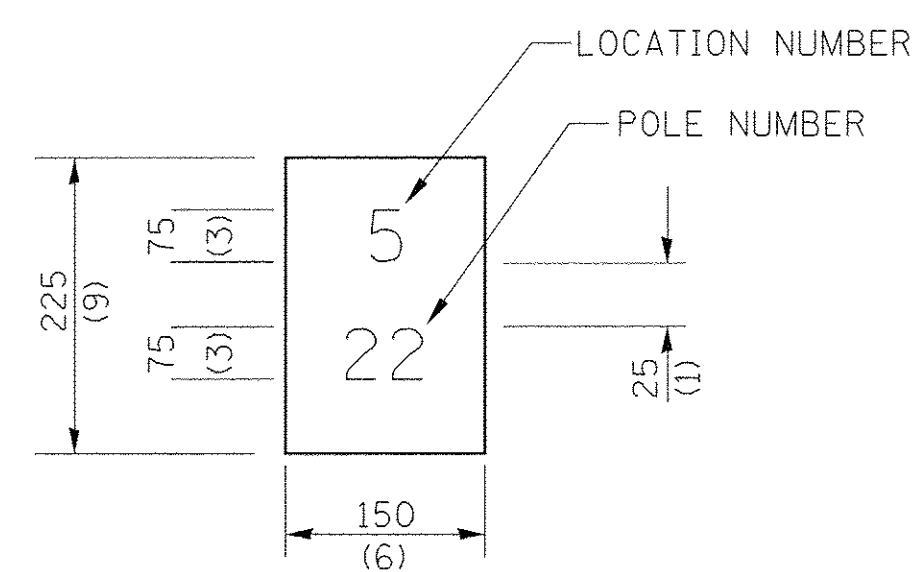
ALL CABLE SPLICES SHALL BE TAPED UNLESS ANOTHER METHOD HAS BEEN SPECIFICALLY APPROVED BY THE ENGINEER.

FOR EXAMPLE PURPOSES THE POLE IS SHOWN ON AN ANCHOR BASE. IF THE POLE IS REQUIRED TO BE SET ON A BREAKAWAY BASE, CONSULT THE STANDARD SPECIFICATIONS.

LIGHT POLE WIRING DIAGRAM DETAIL
NO SCALE

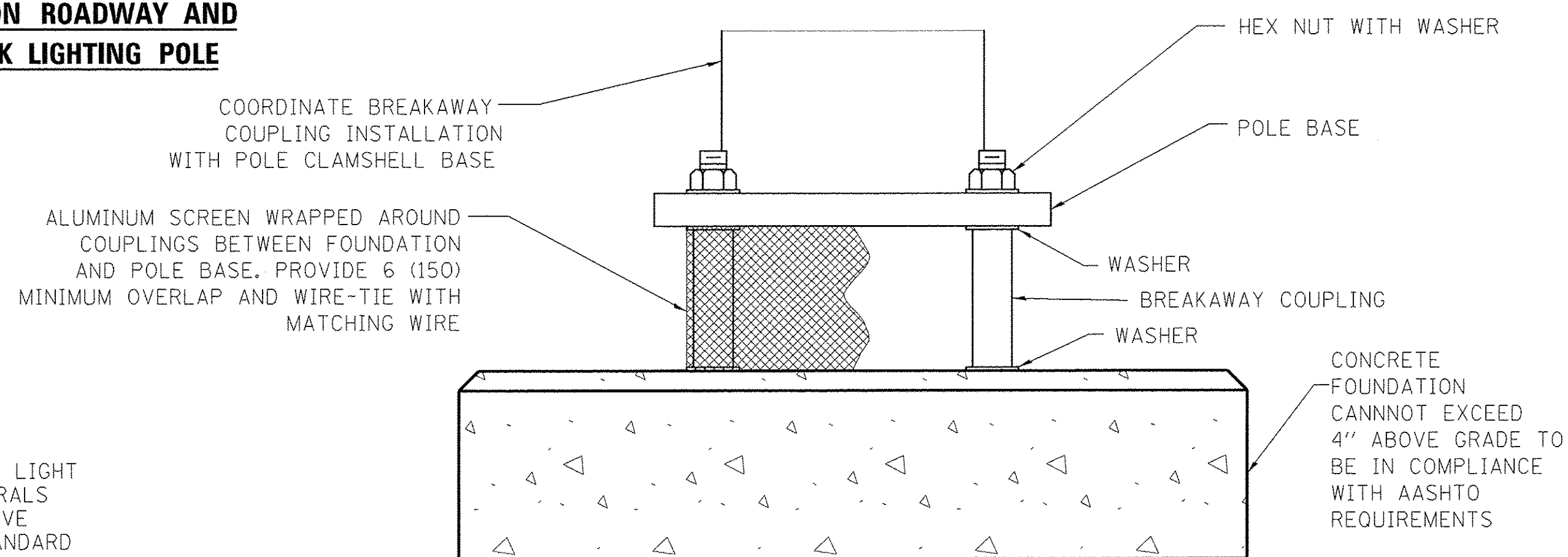


1 LIGHT POLE DETAIL
NO SCALE



THE CONTRACTOR SHALL FURNISH AND INSTALL A LIGHT POLE IDENTIFICATION OF EACH NEW LIGHT POLE, AS SHOWN ABOVE, INCIDENTAL TO THE RESPECTIVE LIGHT POLE PAY ITEM. THE NUMERALS SHALL BE 75(3) SERIES "D", BLACK, SCREENED ON SILVER-WHITE TYPE B PRESSURE SENSITIVE REFLECTIVE SHEETING CONFORMING TO THE REQUIREMENTS OF SECTION T602.01 OF THE STANDARD SPECIFICATIONS FOR TRAFFIC CONTROL ITEMS. THE NUMERALS SHALL CONFORM TO THE FHWA "STANDARD ALPHABETS FOR HIGHWAY SIGNS".

- LIGHT POLE NOTES:**
- REFER TO LIGHT POLE CONCRETE FOUNDATION DETAIL ON PREVIOUS SHEET.
 - REFER TO LIGHT POLE WIRING DIAGRAM DETAIL ON THIS SHEET.
 - REFER TO LIGHT POLE IDENTIFICATION DETAIL ON THIS SHEET.
 - REFER TO BREAKAWAY COUPLINGS ON CONCRETE FOUNDATION DETAIL ON THIS SHEET.



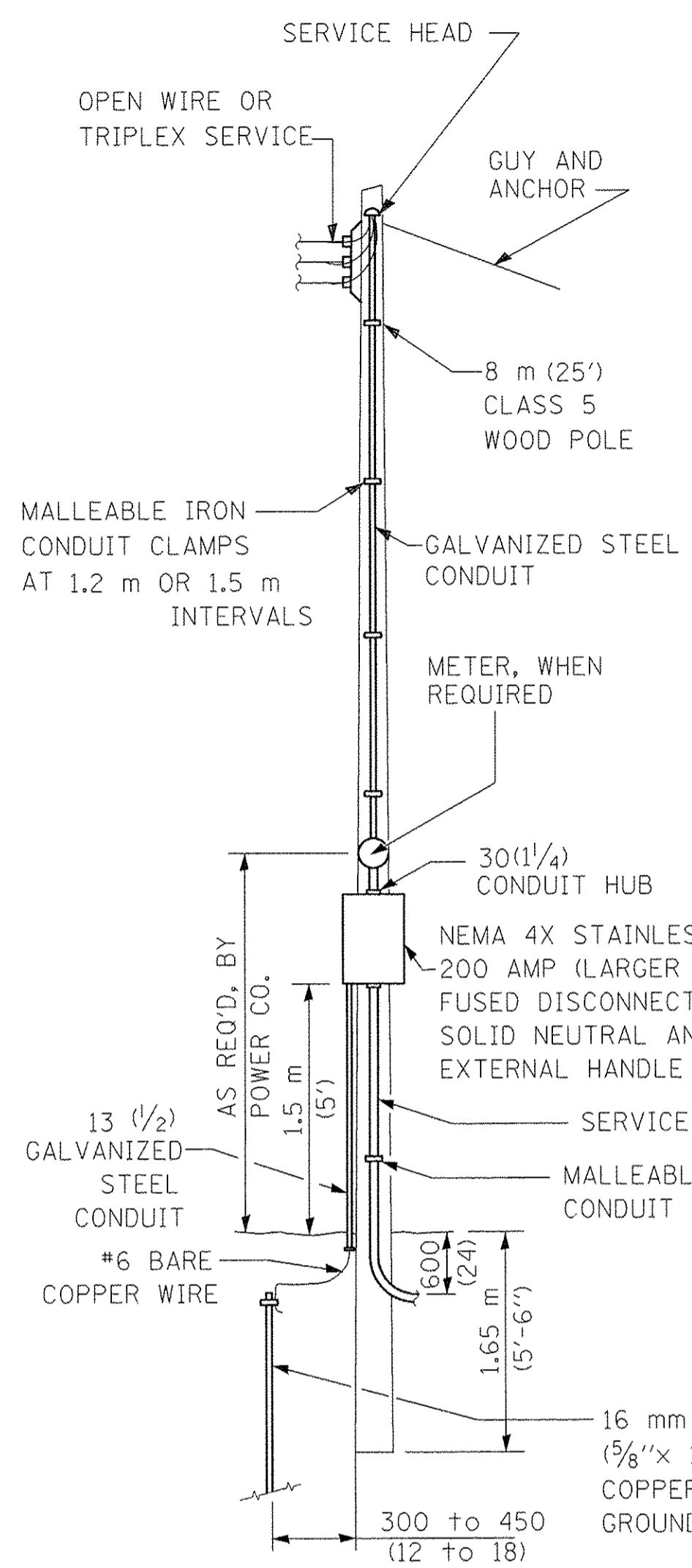
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DRAWN	JFC	1/17/17
REVIEWED	RON	3/14/17

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REVISD -	
DATE -	03/22/17
REVISD -	

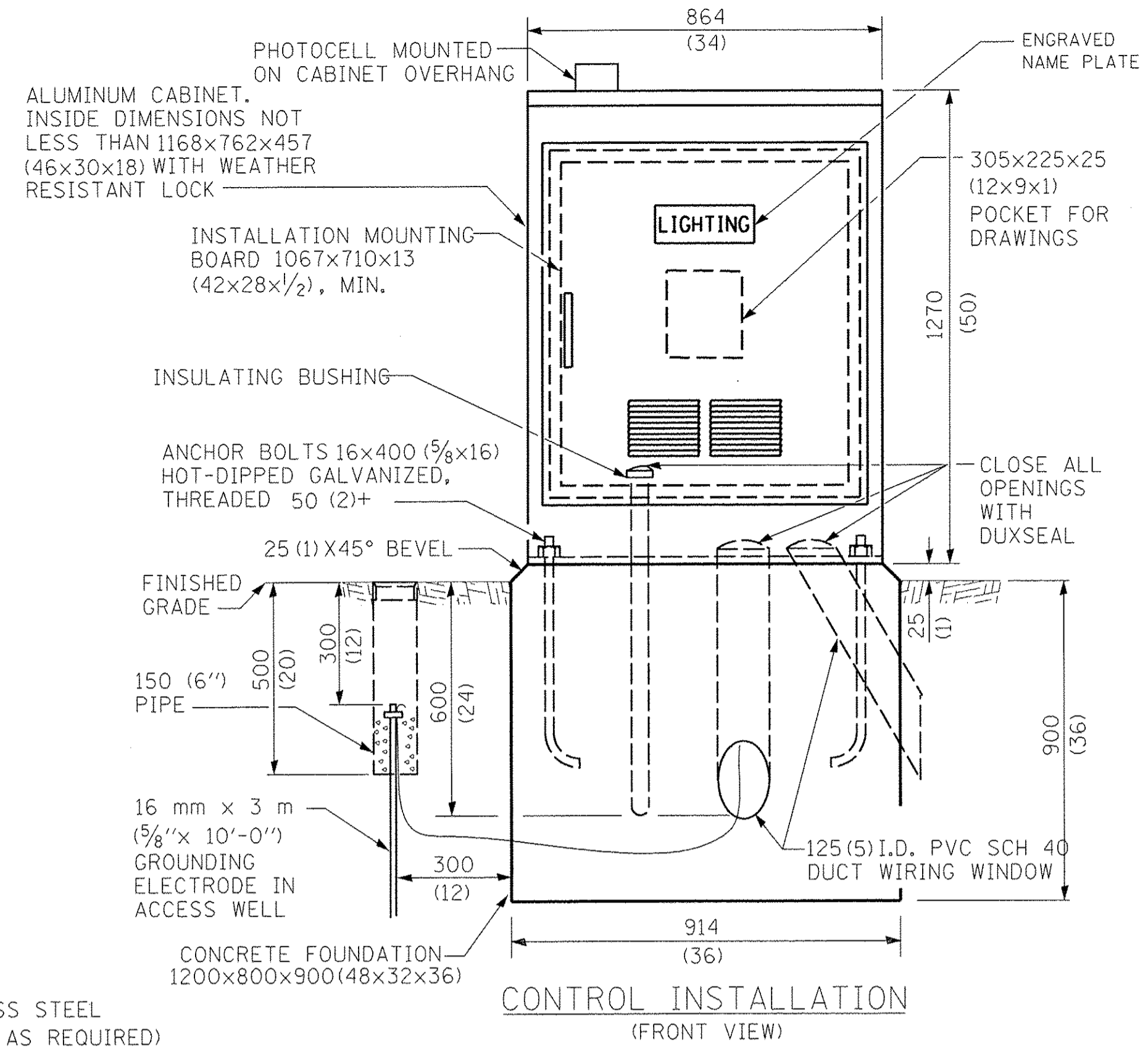
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE:	SHEET	OF	SHEETS	STA.	TO STA.
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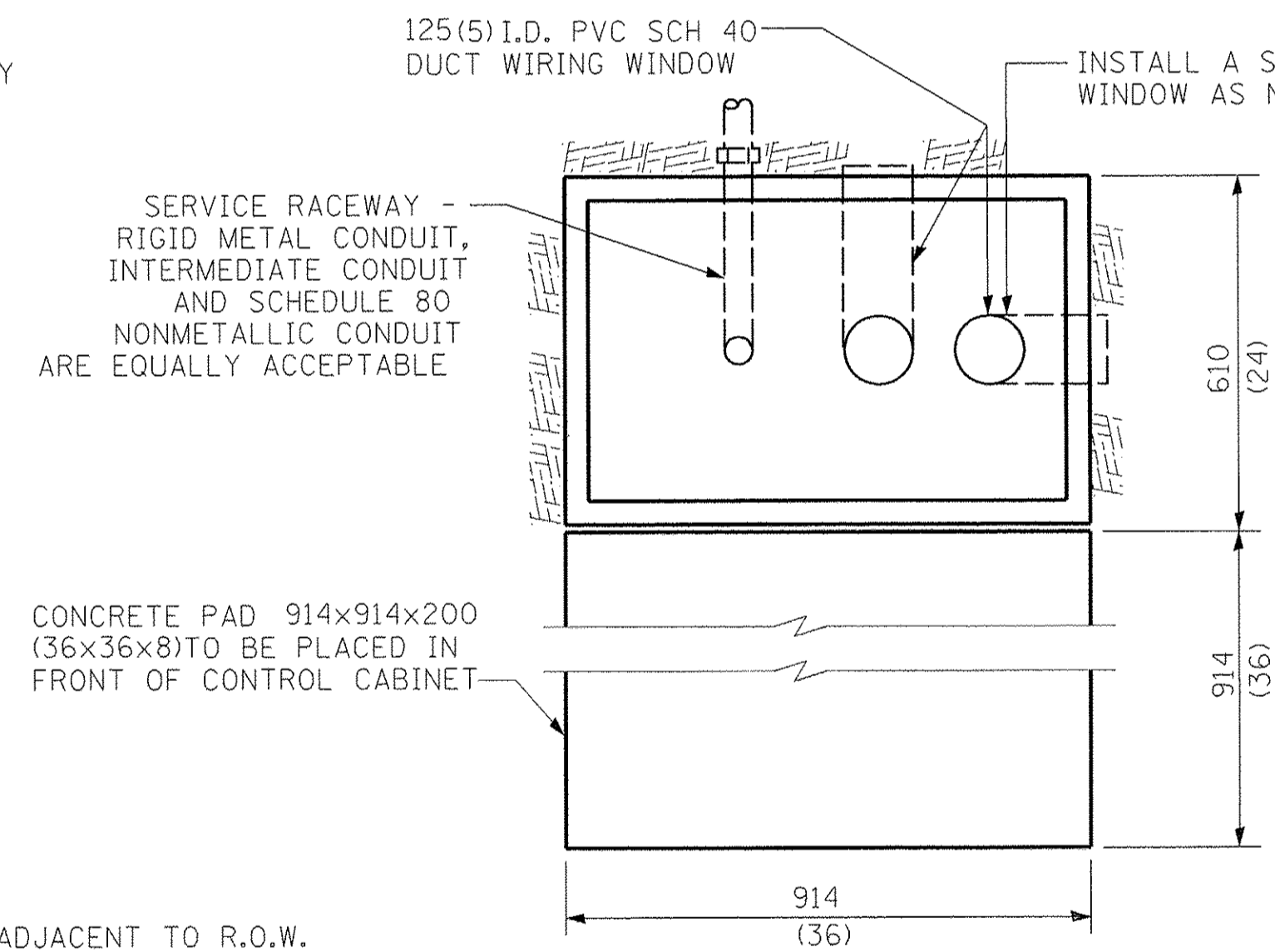
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6647	05-00302-00-PV	PEORIA	385	209
CONTRACT NO.89386				ILLINOIS FED. AID PROJECT M-5093(136)



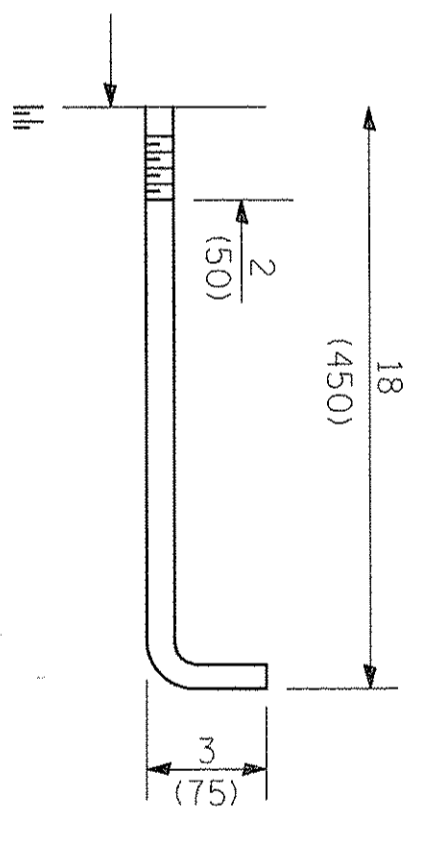
SERVICE POLE



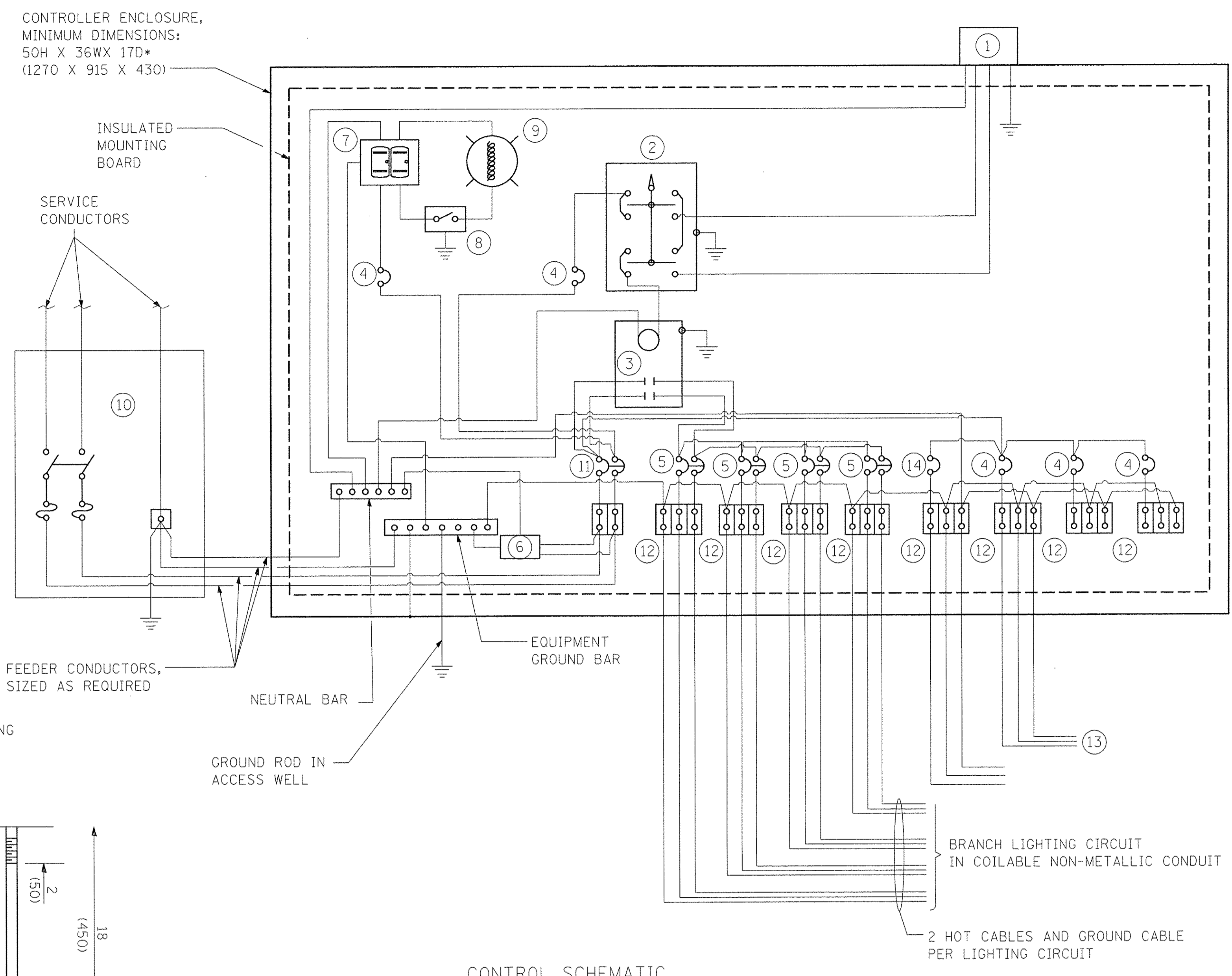
CONTROL INSTALLATION (FRONT VIEW)



FOUNDATION (TOP VIEW)



ANCHOR ROD DETAIL



CONTROL SCHEMATIC

- ① PHOTOCCELL WITH INTEGRAL SURGE ARRESTER. (MOUNT IN CABINET OVERHANG)
- ② HAND-OFF-AUTO SELECTOR SWITCH.
- ③ 200 AMP, ELECTRICALLY HELD CONTACTOR.
- ④ 20AMP, 1-POLE CIRCUIT BREAKER. (TWO SPARES REQUIRED BUT NOT SHOWN)
- ⑤ 20 AMP, 2-POLE CIRCUIT BREAKER (TWO SPARES REQUIRED BUT NOT SHOWN)
- ⑥ SURGE ARRESTER.
- ⑦ GFCI DUPLEX RECEPTACLE.
- ⑧ SINGLE-POLE, SINGLE-THROW SWITCH.
- ⑨ LED LUMINAIRE, ENCLOSED AND GASKETED WITH 100 WATT EQUIVALENT LAMP.
- ⑩ SERVICE DISCONNECT SWITCH -2-POLES, 3-WIRE, 100AMP, FUSED AT 100 AMP, SOLD NEUTRAL IN NEMA 4X ENCLOSURE HAVING LOCKABLE EXTERNAL HANDLE.
- ⑪ 200 AMP, 2-POLE CIRCUIT BREAKER.
- ⑫ ADJUST THE TERMINAL STRIPS ON THE LOAD SIDE OF THE BREAKERS TO ACCOMMODATE THE ACTUAL NUMBER OF WIRES CONNECTED, SEE CIRCUIT WIRING DIAGRAM SHEET FOR DETAILS.
- ⑬ PEDESTRIAN ACTIVATED CROSSWALK WARNING SYSTEM (PACWS) CIRCUIT WILL RUN IN A CONDUIT ON CIRCUIT NUMBER 6 ON THE NORTH SIDE OF THE NORTHMOOR ROAD. AT THE HANDHOLE, THE PACWS CIRCUIT WILL RUN IN ITS OWN CONDUIT TO THE PACWS EQUIPMENT. SEE LIGHTING PLAN AND TRAFFIC SIGNAL PLANS FOR DETAILS.
- ⑭ 60 AMP, 1-POLE CIRCUIT BREAKER FOR SIGNALS CONTROLLER. SEE SIGNALS PLANS FOR WIRE SIZES.

GENERAL NOTES

LOCATE SERVICE POLE AND CONTROL INSTALLATION ADJACENT TO R.O.W. LINE WITH A MINIMUM DISTANCE OF 9 M (30') FROM THE EDGE OF PAVEMENT. LOCATE IN CLOSE PROXIMITY TO THE UTILITY TRANSFORMER SO THE SERVICE DROP DOES NOT EXCEED 46 M (150FT) AND THE TOTAL DISTANCE OF OVERHEAD AND UNDERGROUND CABLE (UTILITY TRANSFORMER TO LIGHTING CONTROLLER) DOES NOT EXCEED 76 M (250FT). EXACT LOCATION SHALL BE ESTABLISHED BY THE ENGINEER.

WIRING SHALL BE PANEL BOARD FASHION. ALL BENDS SHALL BE RIGHT ANGLES. ALL RUNS SHALL VERTICAL OR PARALLEL TO PANEL BOARD. WIRES SHALL BE GROUPED OR LACED.

ALL CONTROL INSTALLATION COMPONENTS SHALL BE U.L. LISTED.

RACEWAYS SHALL TERMINATE 75 (3) ABOVE TOP OF CONCRETE FOUNDATION.

LABEL EQUIPMENT GROUND BUSES AND NEUTRAL BUSES.

☒ 240 V. SERVICE
 ☐ 480 V. SERVICE

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DRAWN	JFC	1/17/17
REVIEWED	RDN	3/14/17

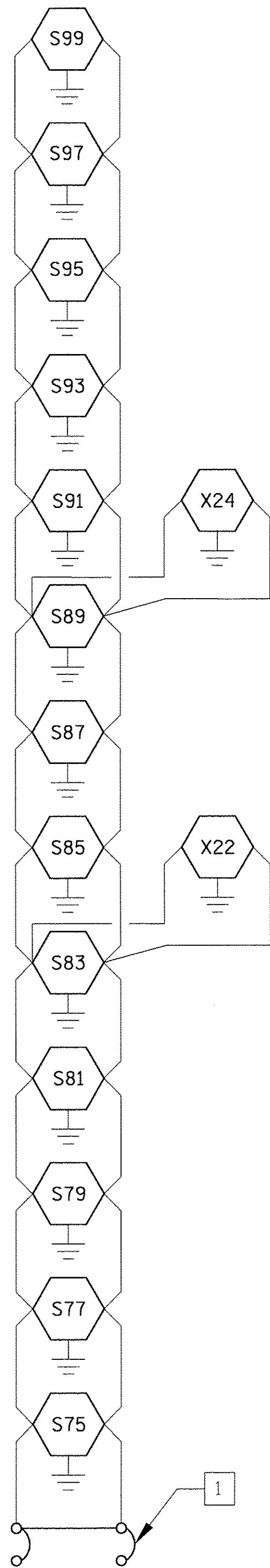
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

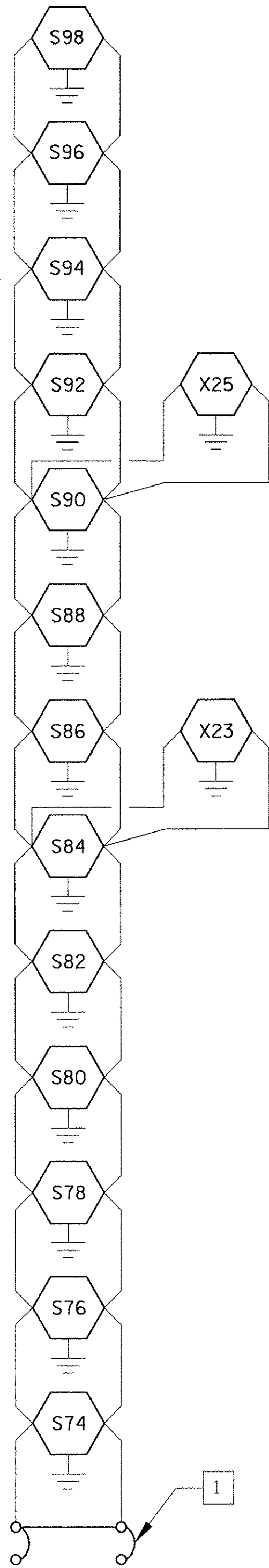
NORTHMOOR ROAD LIGHTING DETAILS	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.89386				
ILLINOIS FED. AID PROJECT M-5093(136)				

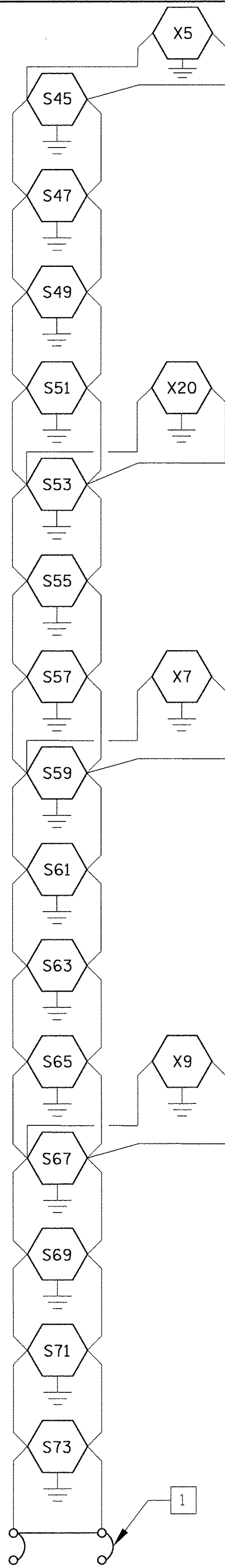
WEST LIGHTING CONTROLLER



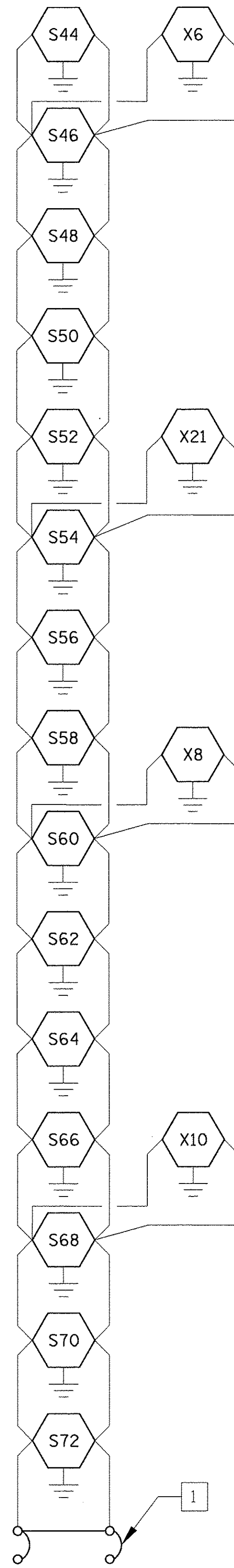
20 AMP, 2-POLE BREAKER
 WEST LIGHTING CONTROLLER
 CIRCUIT 1
 LIGHTING CONTROLLER 1 (LC-1)
 100 AMP, 240 VOLT, SINGLE PHASE,
 1046 VA TOTAL LOAD
 0.96% VOLTAGE DROP



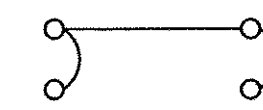
20 AMP, 2-POLE BREAKER
 WEST LIGHTING CONTROLLER
 CIRCUIT 2
 LIGHTING CONTROLLER 1 (LC-1)
 100 AMP, 240 VOLT, SINGLE PHASE,
 1150 VA TOTAL LOAD
 1.23% VOLTAGE DROP



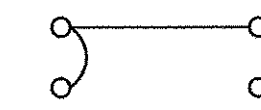
20 AMP, 2-POLE BREAKER
 WEST LIGHTING CONTROLLER
 CIRCUIT 3
 LIGHTING CONTROLLER 1 (LC-1)
 100 AMP, 1446 VOLT, SINGLE PHASE,
 740 VA TOTAL LOAD
 2.07% VOLTAGE DROP



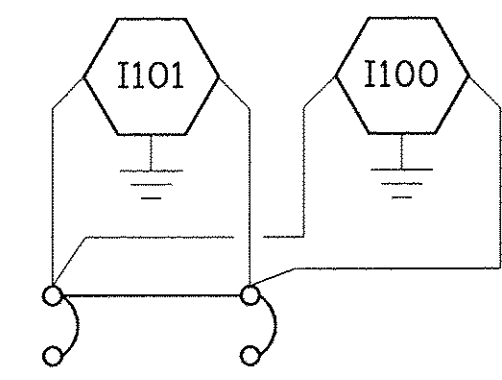
20 AMP, 2-POLE BREAKER
 WEST LIGHTING CONTROLLER
 CIRCUIT 4
 LIGHTING CONTROLLER 1 (LC-1)
 100 AMP, 240 VOLT, SINGLE PHASE,
 1446 VA TOTAL LOAD
 2.10% VOLTAGE DROP



20 AMP, 2-POLE BREAKER
 WEST LIGHTING CONTROLLER
 CIRCUIT 5
 SPARE CIRCUIT BREAKER



20 AMP, 2-POLE BREAKER
 WEST LIGHTING CONTROLLER
 CIRCUIT 6
 SPARE CIRCUIT BREAKER



20 AMP, 2-POLE BREAKER
 ALLEN INTERSECTION LIGHTING
 CONTROLLER CIRCUIT 1
 SPARE CIRCUIT BREAKER

GENERAL NOTES:

1. WEST LIGHTING CONTROLLER IS LOCATED BETWEEN STATION 21 AND 22 ON THE NORTH SIDE OF THE ROAD BY WARWICK DR. SEE PLANS FOR DETAILS.
2. 53 WATT LED SIDEWALK LIGHTING FIXTURES HAVE A "S#" DESIGNATION.
3. 130 WATT LED INTERSECTION LIGHTING FIXTURES HAVE A "I#" DESIGNATION.
4. ALL SPLICES ARE TO BE MADE IN THE LIGHT POLE AT THE POLE HANDHOLE AND NOT IN THE IN-GRADE HANDHOLES PER ARTICLE 1066.06 OF THE STANDARD SPECIFICATIONS.
5. SEE PLANS FOR LOCATIONS OF LUMINAIRES.
6. 160 WATT LED ROADWALK LIGHTING FIXTURES HAVE A "X#" DESIGNATION.

KEYED NOTES:

1. ADJUST TERMINAL STRIPS LOCATED ON THE LOAD SIDE OF THE CIRCUIT BREAKERS IN THE LIGHTING CONTROLLER TO ACCEPT THE NUMBER OF WIRES INDICATED ON THIS SHEET.

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DRAWN	JFC	1/17/17
REVIEWED	RDN	3/7/17

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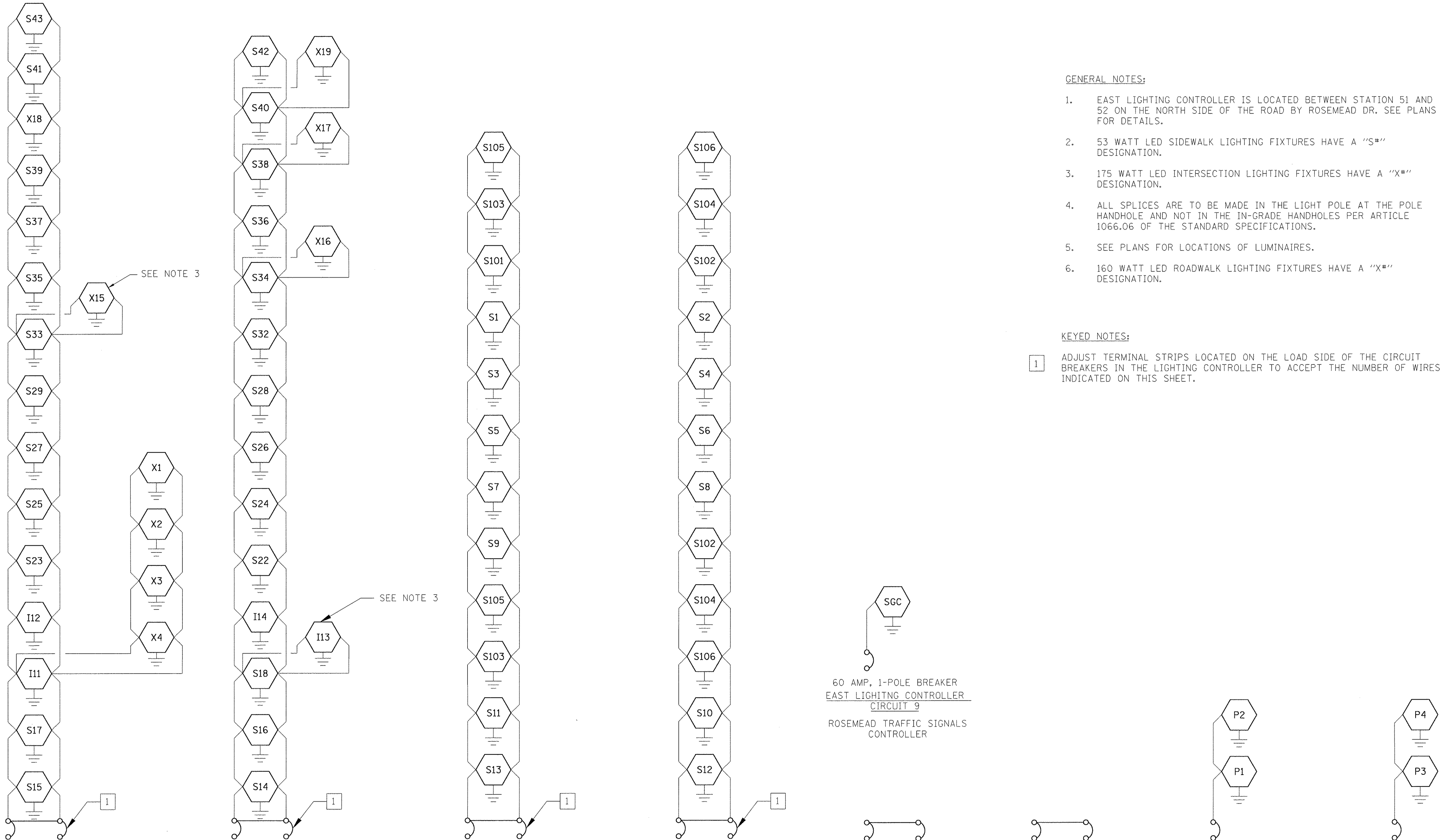
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

NORTHMOOR ROAD
 LIGHTING DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	211
CONTRACT NO.89386				
ILLINOIS FED. AID PROJECT M-5093(136)				

EAST LIGHTING CONTROLLER



GENERAL NOTES:

1. EAST LIGHTING CONTROLLER IS LOCATED BETWEEN STATION 51 AND 52 ON THE NORTH SIDE OF THE ROAD BY ROSEMEAD DR. SEE PLANS FOR DETAILS.
2. 53 WATT LED SIDEWALK LIGHTING FIXTURES HAVE A "S#" DESIGNATION.
3. 175 WATT LED INTERSECTION LIGHTING FIXTURES HAVE A "X#" DESIGNATION.
4. ALL SPLICES ARE TO BE MADE IN THE LIGHT POLE AT THE POLE HANDHOLE AND NOT IN THE IN-GRADE HANDHOLES PER ARTICLE 1066.06 OF THE STANDARD SPECIFICATIONS.
5. SEE PLANS FOR LOCATIONS OF LUMINAIRES.
6. 160 WATT LED ROADWALK LIGHTING FIXTURES HAVE A "X#" DESIGNATION.

KEYED NOTES:

- 1 ADJUST TERMINAL STRIPS LOCATED ON THE LOAD SIDE OF THE CIRCUIT BREAKERS IN THE LIGHTING CONTROLLER TO ACCEPT THE NUMBER OF WIRES INDICATED ON THIS SHEET.

20 AMP, 2-POLE BREAKER EAST LIGHTING CONTROLLER CIRCUIT 1
 LIGHTING CONTROLLER 1 (LC-1)
 100 AMP, 240 VOLT, SINGLE PHASE,
 1928 VA TOTAL LOAD
 1.80% VOLTAGE DROP

20 AMP, 2-POLE BREAKER EAST LIGHTING CONTROLLER CIRCUIT 2
 LIGHTING CONTROLLER 1 (LC-1)
 100 AMP, 240 VOLT, SINGLE PHASE,
 1502 VA TOTAL LOAD
 1.80% VOLTAGE DROP

20 AMP, 2-POLE BREAKER EAST LIGHTING CONTROLLER CIRCUIT 3
 LIGHTING CONTROLLER 1 (LC-1)
 100 AMP, 240 VOLT, SINGLE PHASE,
 902 VA TOTAL LOAD
 0.64% VOLTAGE DROP

20 AMP, 2-POLE BREAKER EAST LIGHTING CONTROLLER CIRCUIT 4
 LIGHTING CONTROLLER 1 (LC-1)
 100 AMP, 240 VOLT, SINGLE PHASE,
 902 VA TOTAL LOAD
 0.71% VOLTAGE DROP

60 AMP, 1-POLE BREAKER EAST LIGHTING CONTROLLER CIRCUIT 9
 ROSEMEAD TRAFFIC SIGNALS CONTROLLER

20 AMP, 2-POLE BREAKER EAST LIGHTING CONTROLLER CIRCUIT 5
 SPARE CIRCUIT BREAKER

20 AMP, 2-POLE BREAKER EAST LIGHTING CONTROLLER CIRCUIT 6
 SPARE CIRCUIT BREAKER

20 AMP, 1-POLE BREAKER EAST LIGHTING CONTROLLER CIRCUIT 7
 PACWS BETWEEN STATIONS 40 AND 41

20 AMP, 1-POLE BREAKER EAST LIGHTING CONTROLLER CIRCUIT 8
 PACWS BETWEEN STATIONS 58 AND 59

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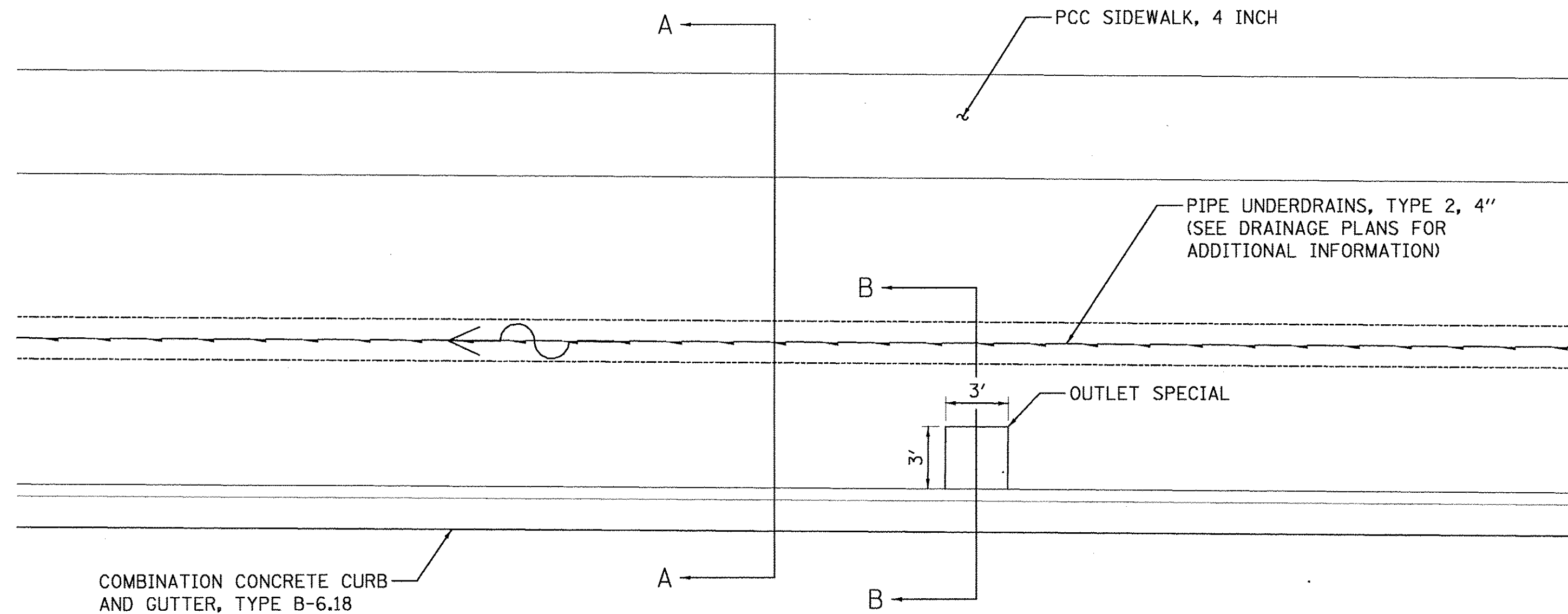
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

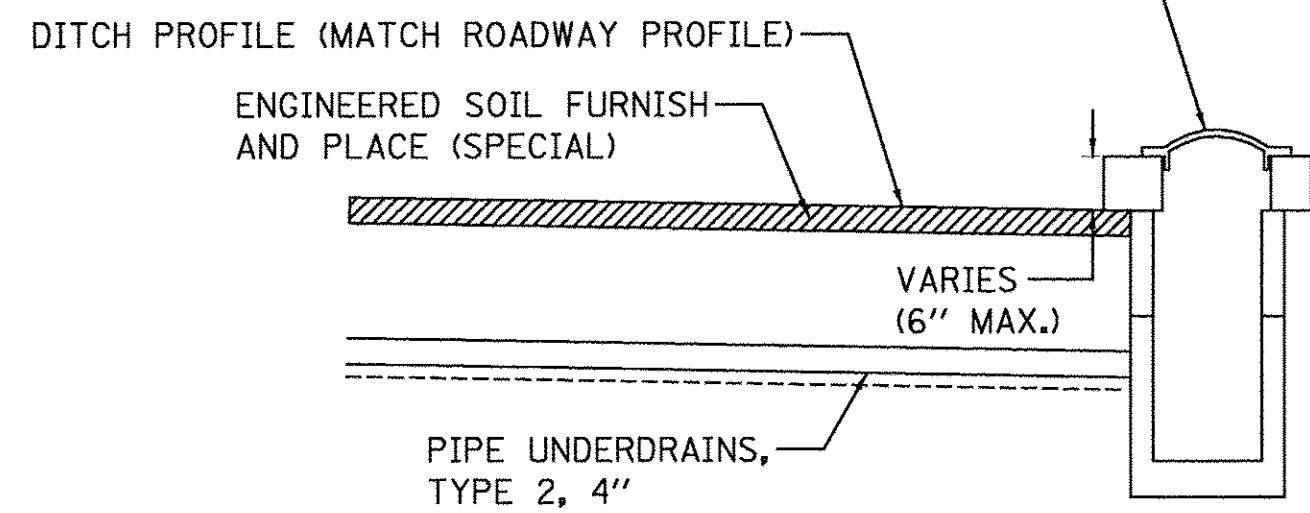
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SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.89386				
ILLINOIS FED. AID PROJECT M-5093(136)				

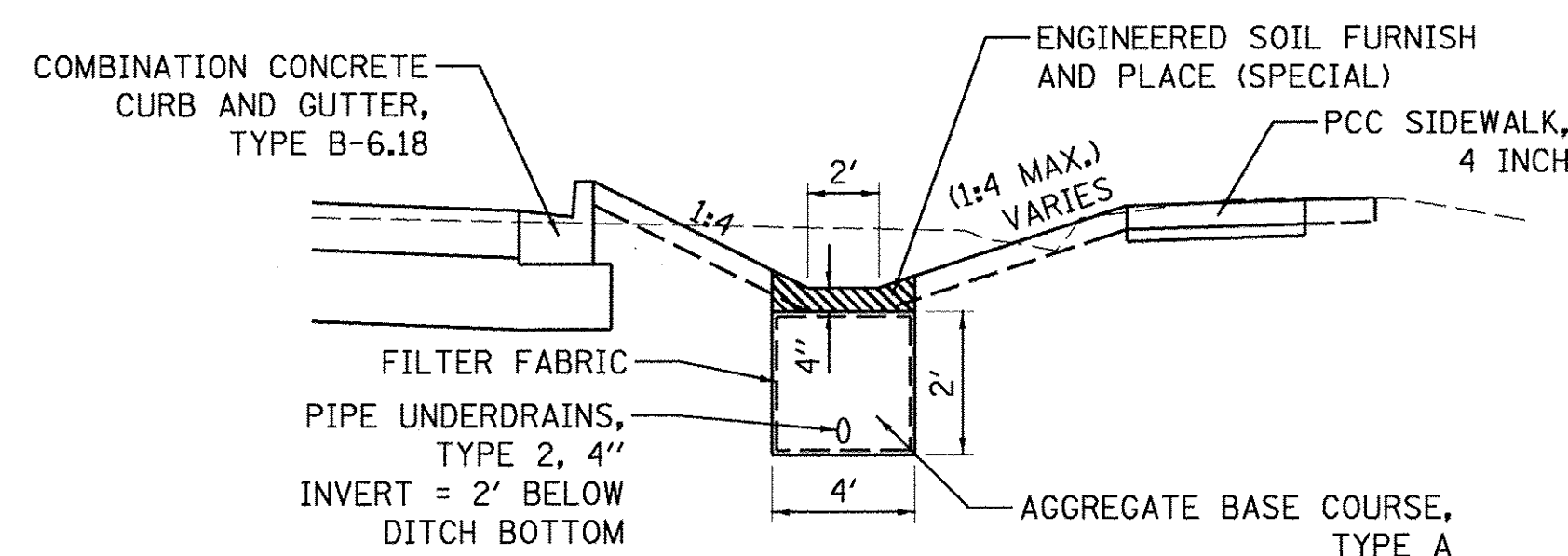
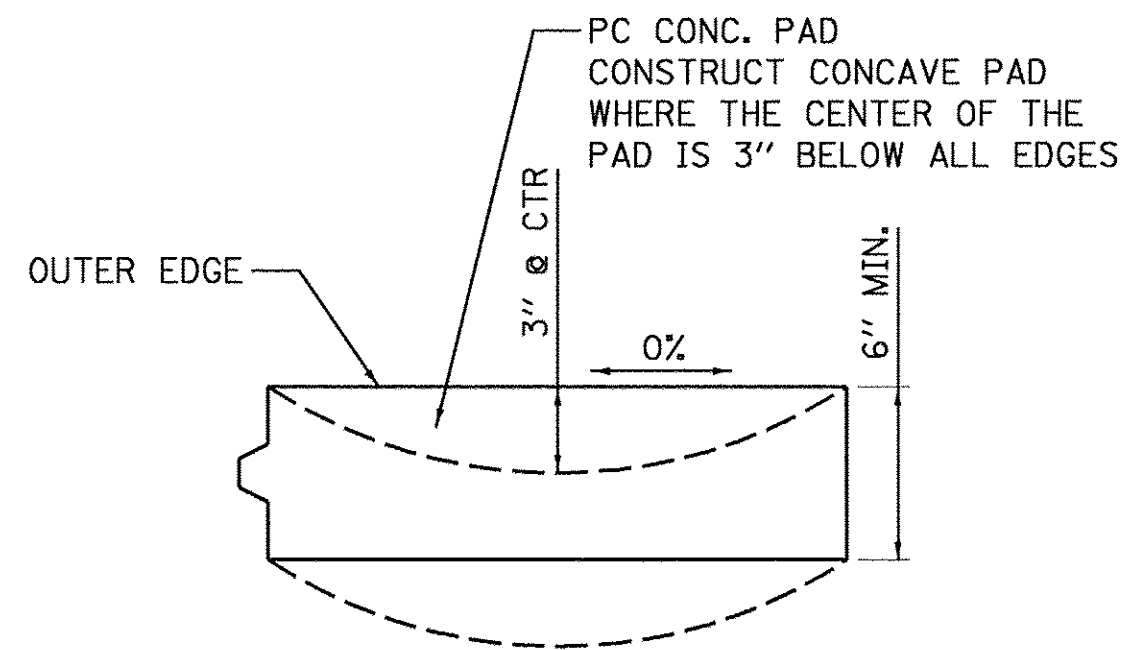


NORTHMOOR ROAD

DRAINAGE STRUCTURE ELEVATION VARIES FROM DITCH PROFILE
 SEE DRAINAGE PLANS FOR STRUCTURE INFORMATION



PROFILE

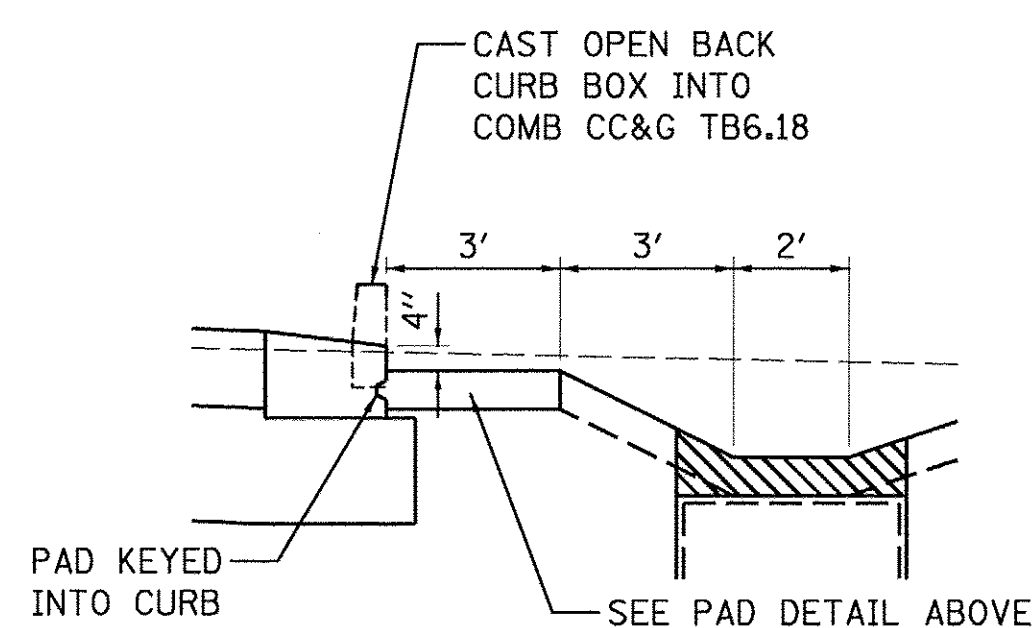


SECTION A-A

NOTES:

1. PIPE UNDERDRAIN LOCATION MAY VARY IN TRENCH DUE TO PROPOSED STORM SEWER OR EXISTING UTILITIES.
2. FILTER FABRIC SHALL ENCOMPASS THE ENTIRE INFILTRATION TRENCH COMPOSED OF AGGREGATE BASE COURSE, TYPE A

SWALE DETAIL

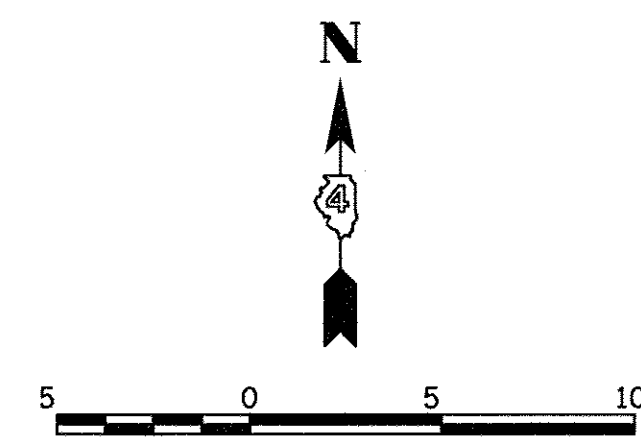


SECTION B-B

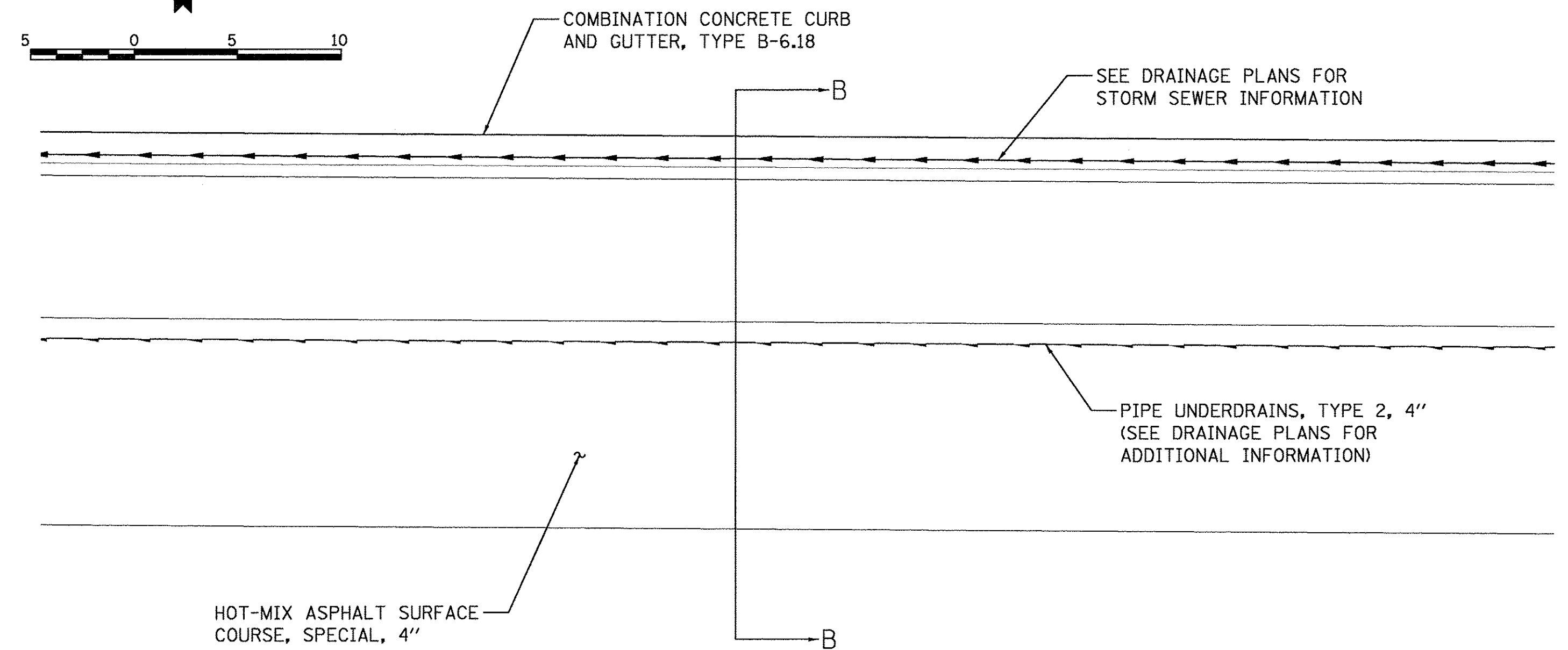
NOTES:

1. ALL WORK SHOWN IN THE DETAIL SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR OUTLET SPECIAL.
2. CURB BOX SHALL BE IN ACCORDANCE WITH FRAME AND GRATE DETAIL FOR INLETS, TY G-1 EXCEPT BACK SHALL BE OPEN TO ALLOW WATER TO FLOW FREELY INTO DITCH.

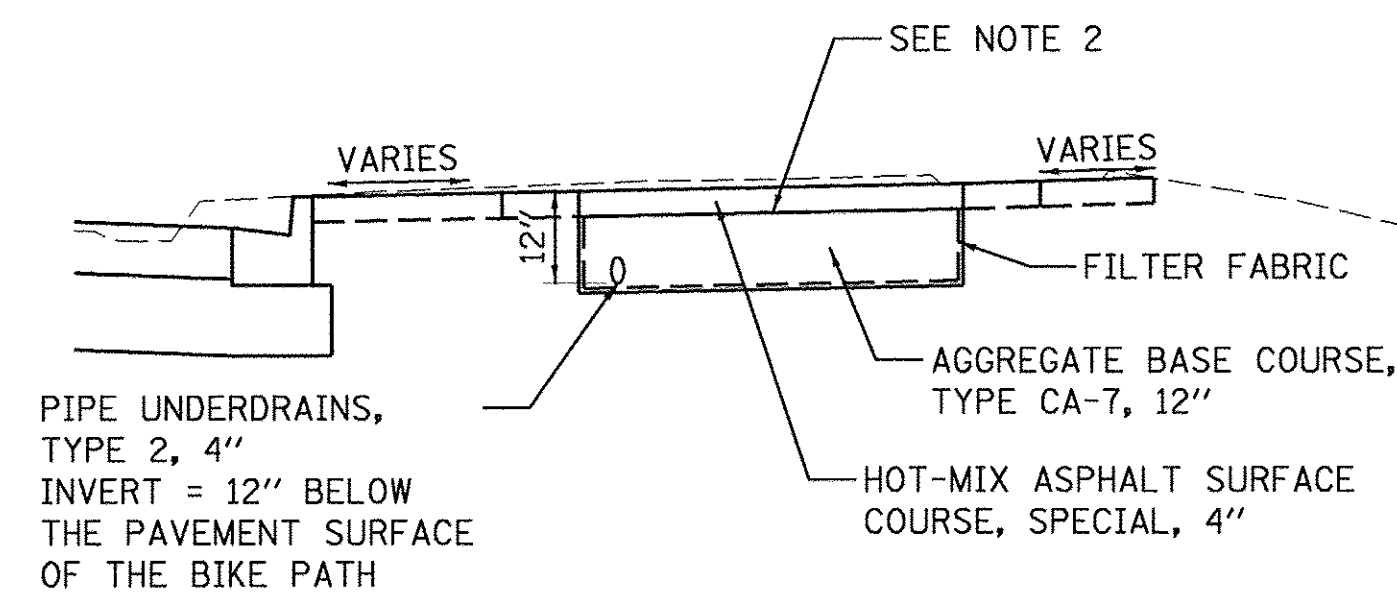
OUTLET SPECIAL DETAIL



NORTHMOOR ROAD



HOT-MIX ASPHALT SURFACE COURSE, SPECIAL, 4"



SECTION B-B

NOTES:

1. PIPE UNDERDRAIN LOCATION MAY VARY IN TRENCH DUE TO PROPOSED STORM SEWER OR EXISTING UTILITIES.
2. DO NOT PLACE PRIME COAT OR TACK COAT PRIOR TO PLACING HMA SURFACE COURSE, SPECIAL.

BIKE PATH DETAIL

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DRAWN	RLA	8/9/16
REVIEWED	MGD	3/7/17

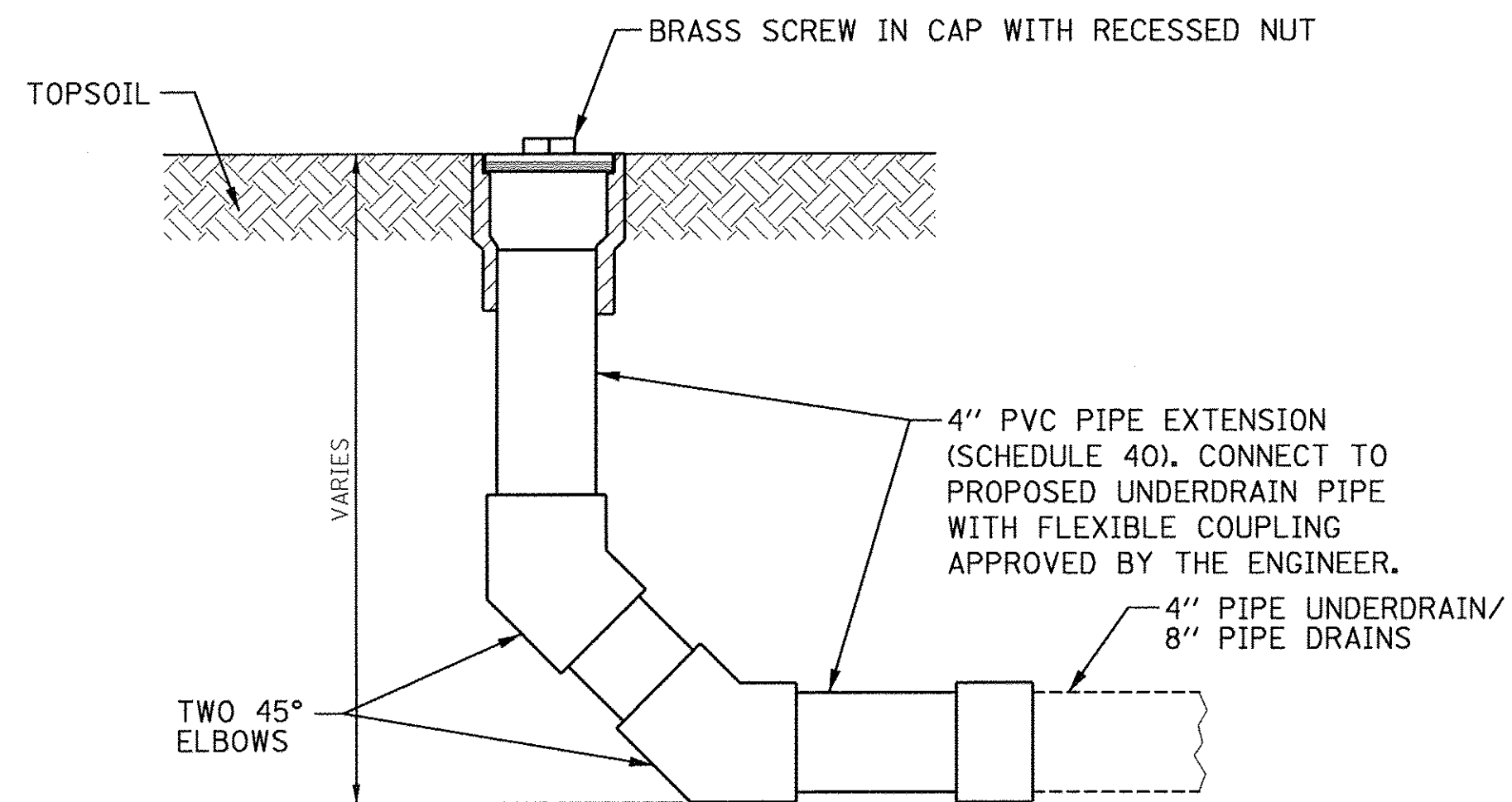
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DATE -	03/22/17	REVISIONS -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD
 MISCELLANEOUS DRAINAGE DETAILS**

SCALE: 1"=5' SHEET OF SHEETS STA. TO STA.

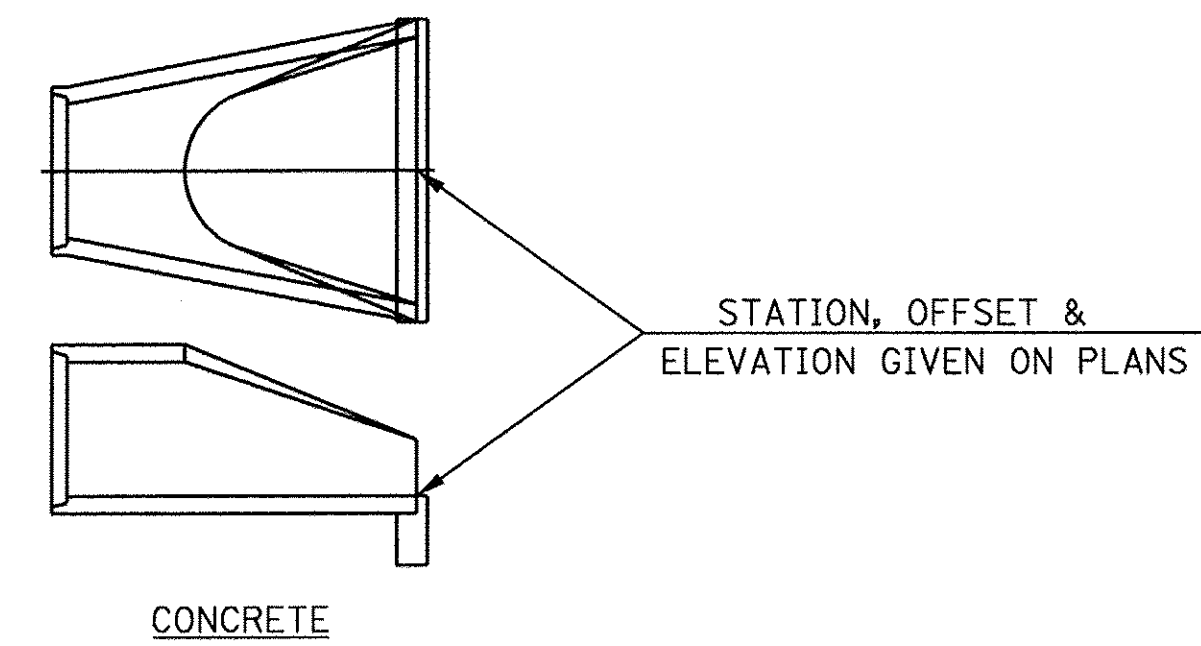
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CONTRACT NO.89386			ILLINOIS FED. AID PROJECT M-5093(136)	



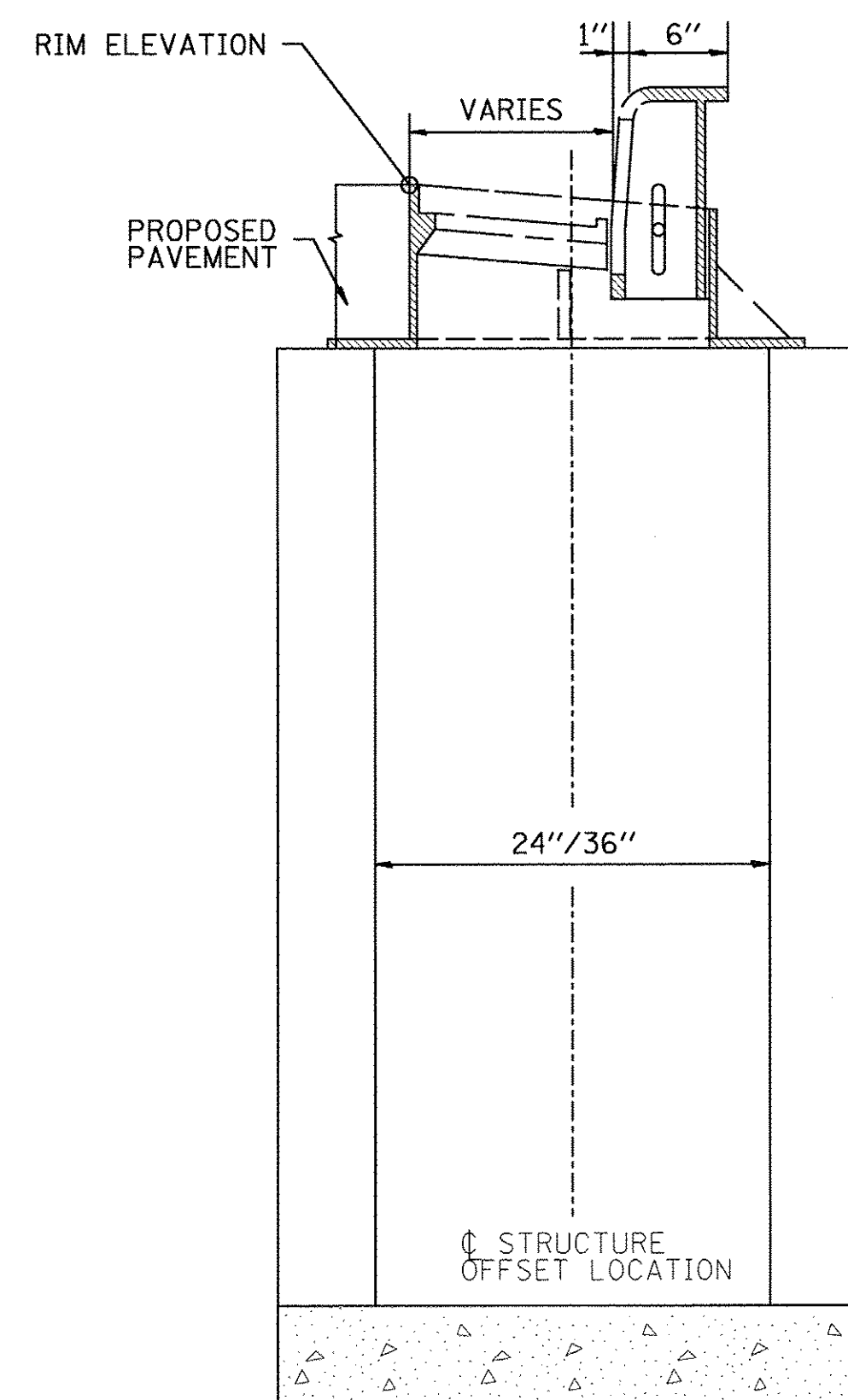
NOTES:

1. THE COST OF CONSTRUCTING THE PIPE UNDERDRAIN CLEANOUTS WILL BE CONSIDERED AS INCLUDED IN THE COST OF THE PIPE UNDERDRAINS, TYPE 2, 4" / PIPE DRAINS 8" AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

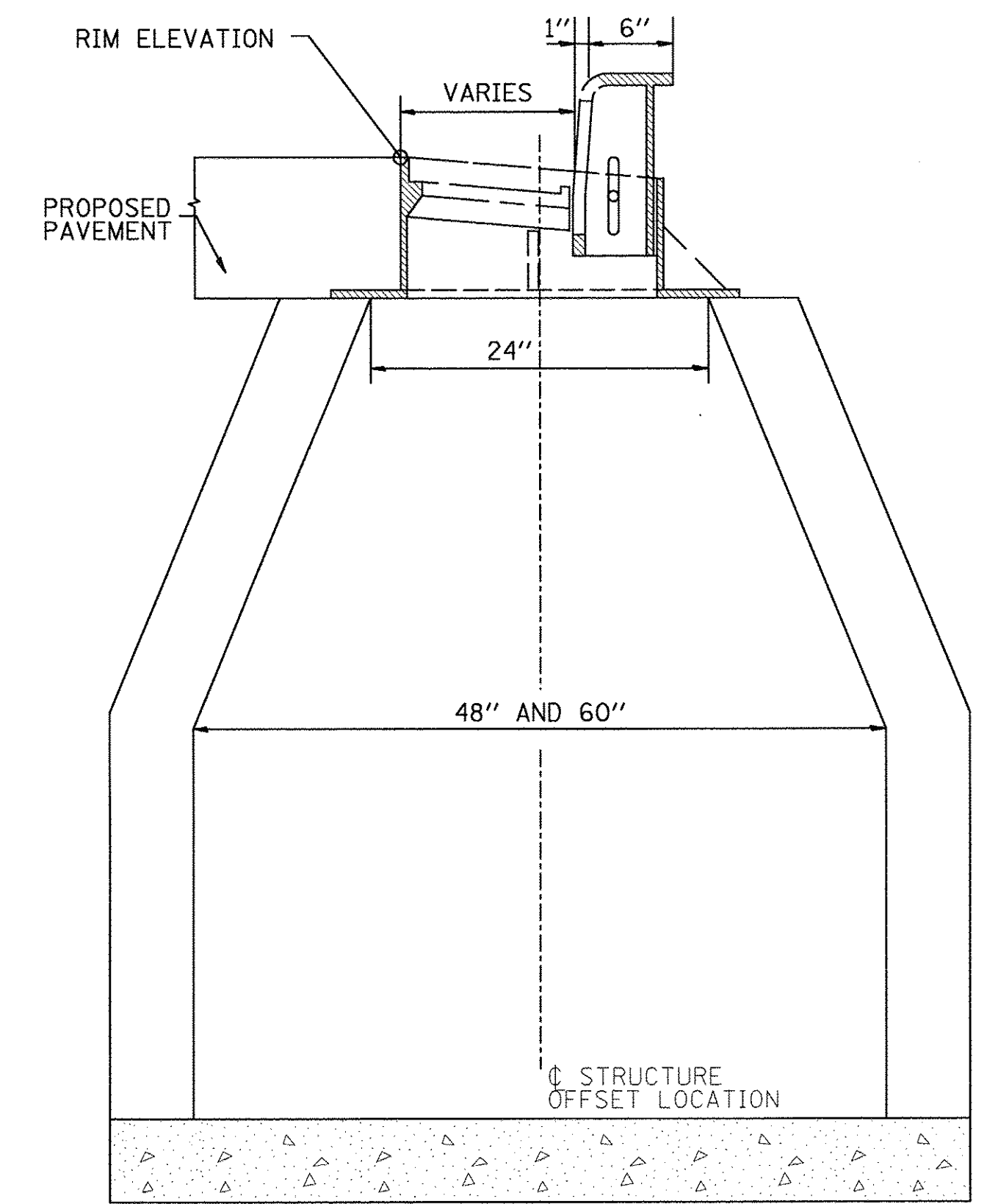
PIPE UNDERDRAIN CLEANOUT DETAIL



END SECTION OFFSETS



INLET, TYPE A/B



MANHOLE, TYPE A

LAYOUT	DLC	8/9/16
DRAWN	RLA	8/9/16
REVIEWED	MGD	3/7/17

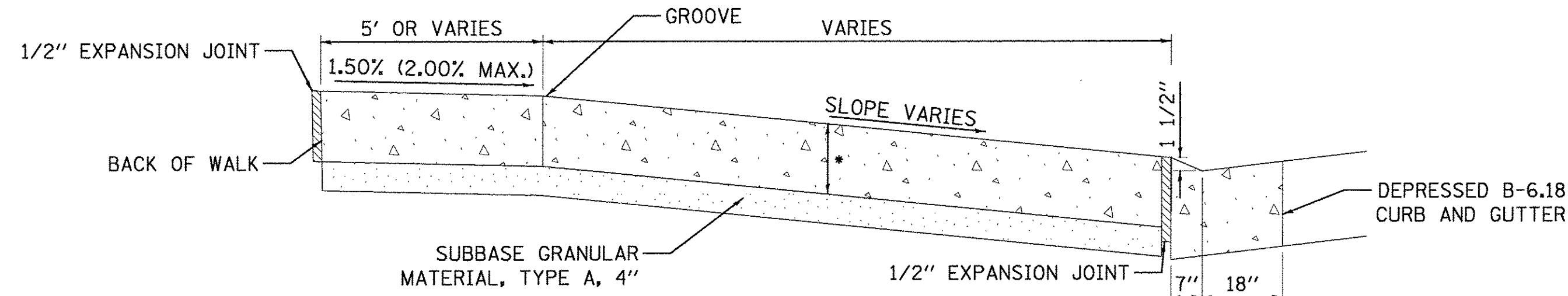
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DATE -	03/22/17	REVISED -	
PLOT SCALE =	5.0000' / 1"		
PLOT DATE =	3/22/2017		

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**NORTHMOOR ROAD
MISCELLANEOUS DRAINAGE DETAILS**

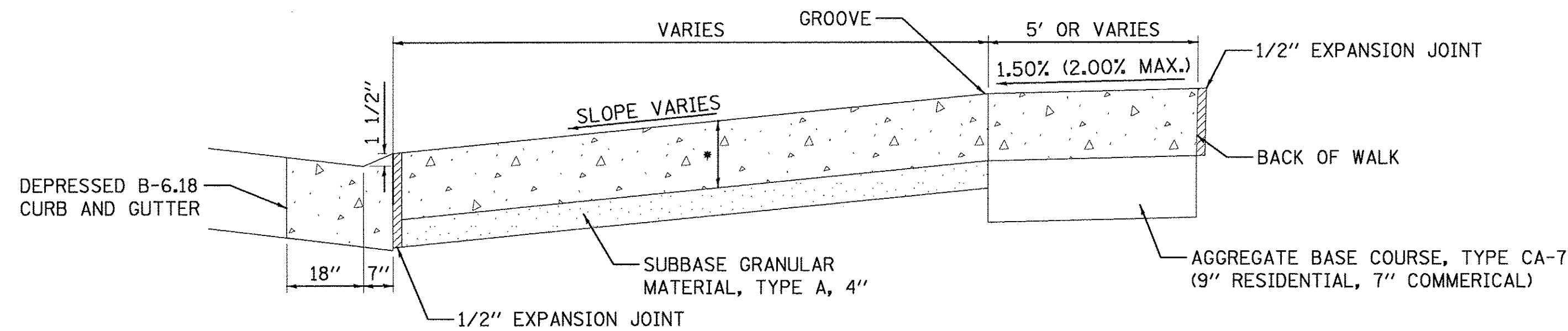
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ILLINOIS FED. AID PROJECT			CONTRACT NO.89386	
			M-5093(136)	



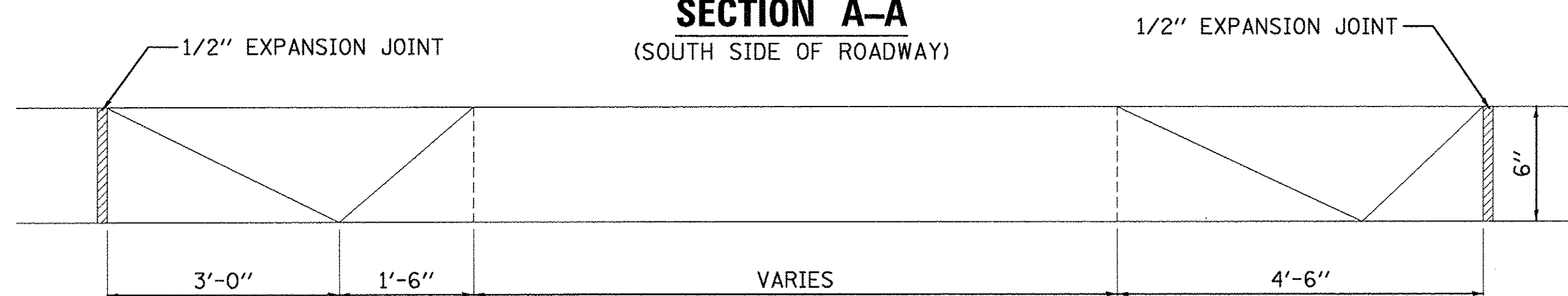
SECTION A-A

(NORTH SIDE OF ROADWAY)

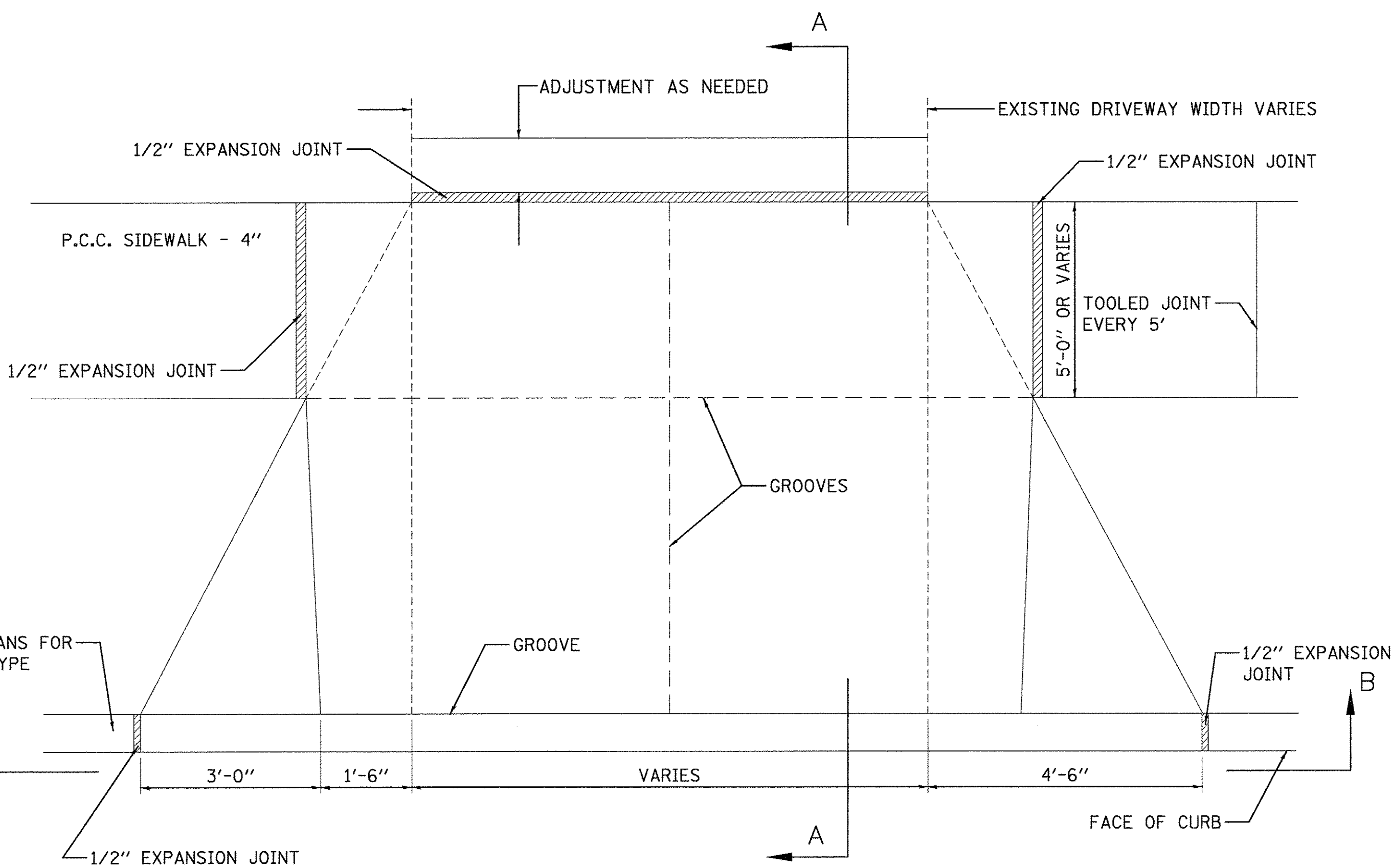


SECTION A-A

(SOUTH SIDE OF ROADWAY)



SECTION B-B



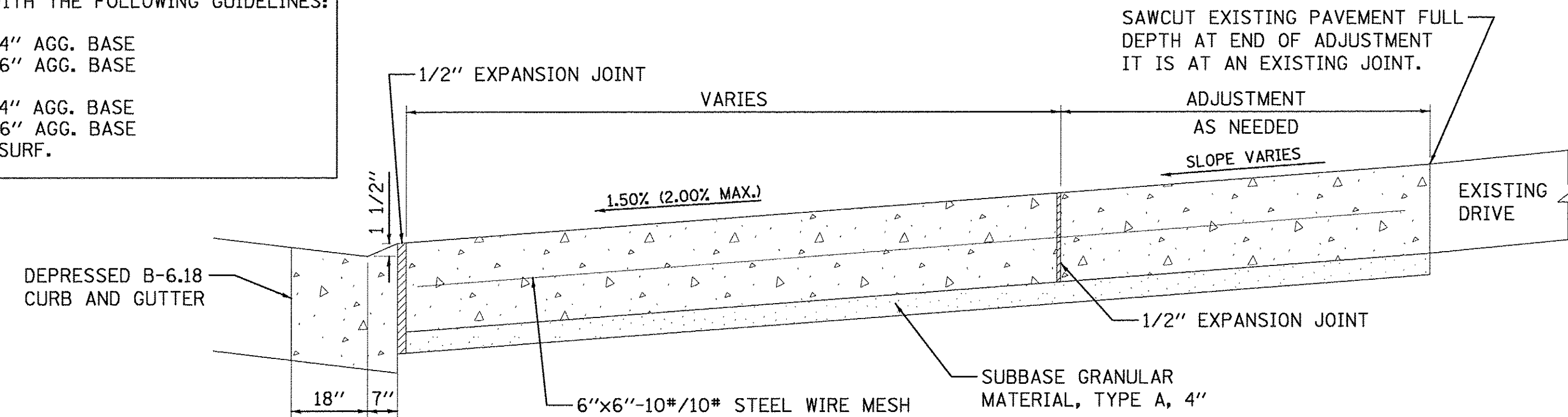
P.C.C. DRIVEWAY PAVEMENT, - 6" OR 8"

ADJACENT TO PROPERTY LINE SIDEWALK

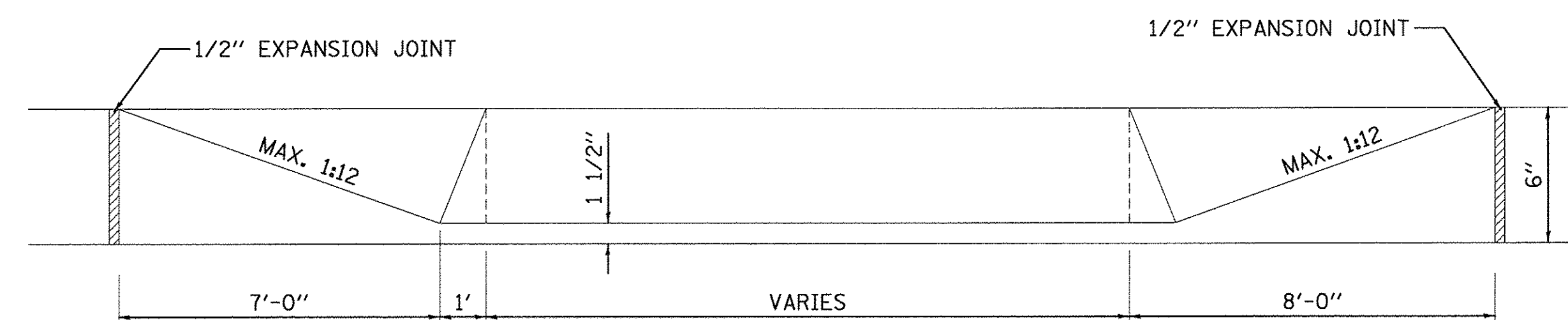
NOTE:
 BEHIND SIDEWALK MATCH EXISTING DRIVEWAY
 COMPOSITION WITH THE FOLLOWING GUIDELINES:

P.E. 6" CONC, 4" AGG. BASE
 3" HMA, 6" AGG. BASE

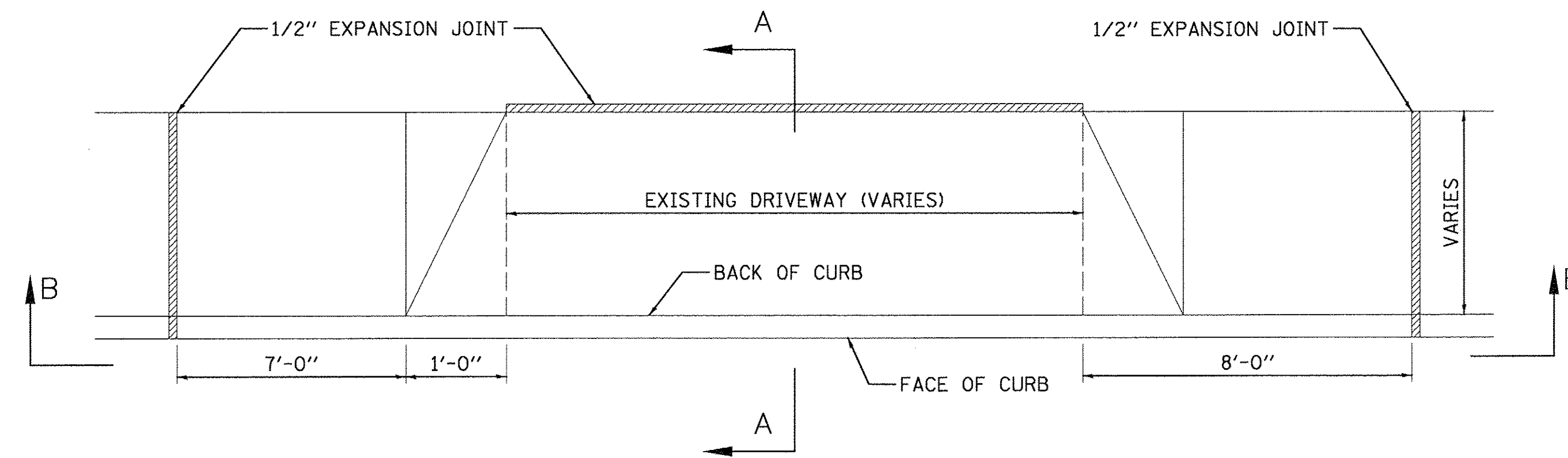
C.E. 8" CONC, 4" AGG. BASE
 6" HMA, 6" AGG. BASE
 8" AGG. SURF.



SECTION A-A



SECTION B-B



P.C.C. DRIVEWAY PAVEMENT, - 6" OR 8"

AS COMBINATION CURB AND SIDEWALK

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		DATE - 03/22/17	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHMOOR ROAD
ENTRANCE DETAILS

SCALE: N/A SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.89386			ILLINOIS FED. AID PROJECT M-5093(136)	

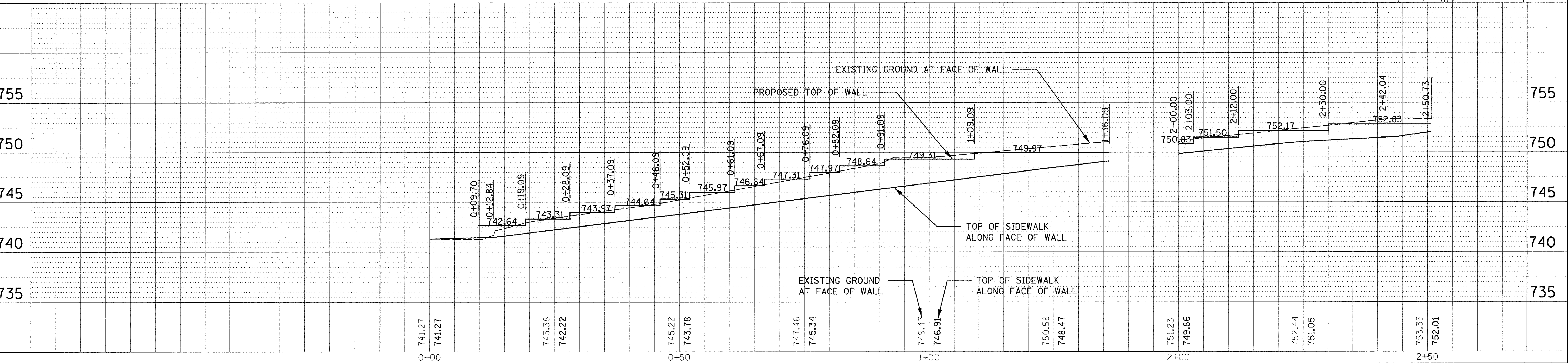
PRELIMINARY
NOT FOR CONSTRUCTION

PLAN	DESIGNED	DATE
NOTE BOOK	PLOTTED	BY
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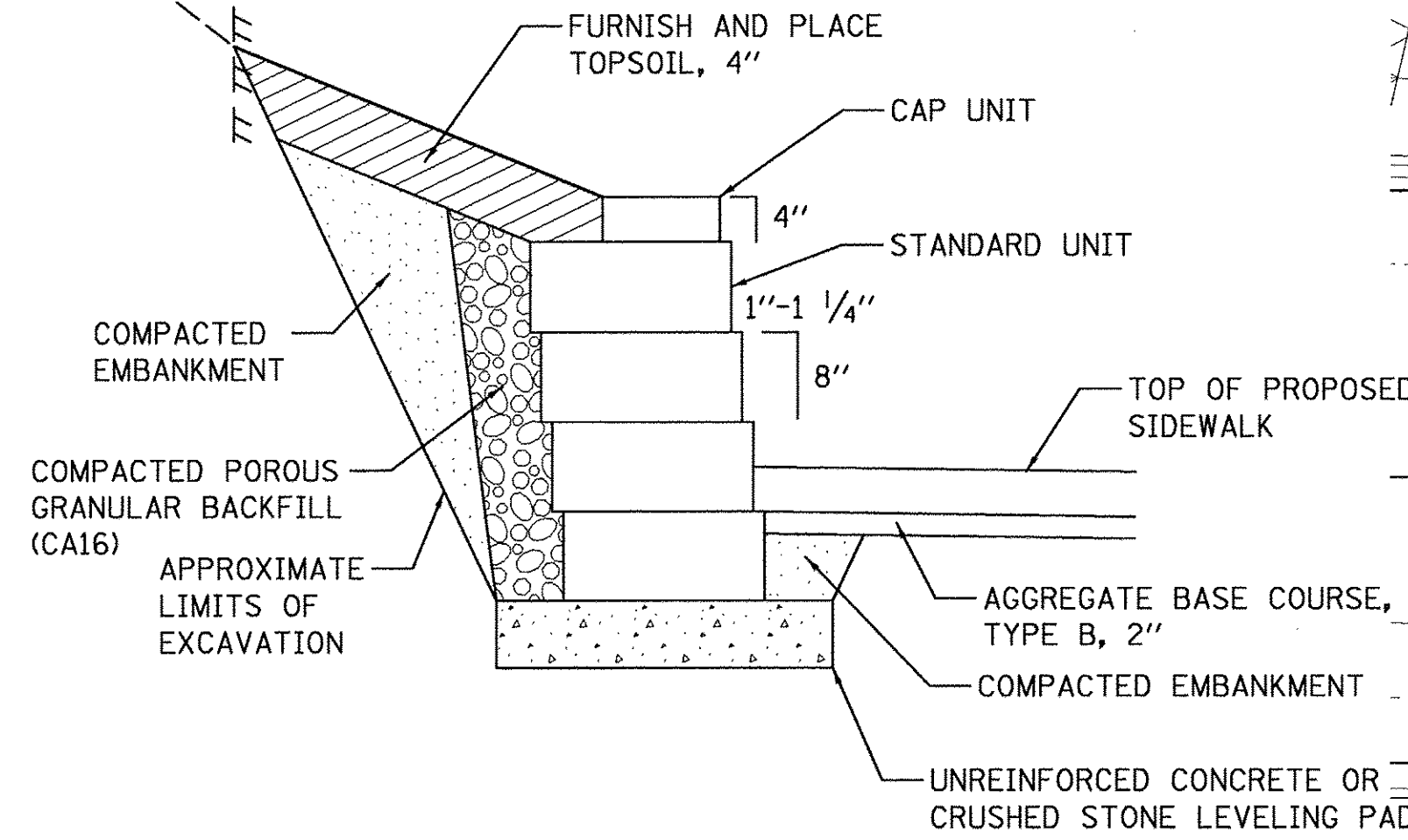
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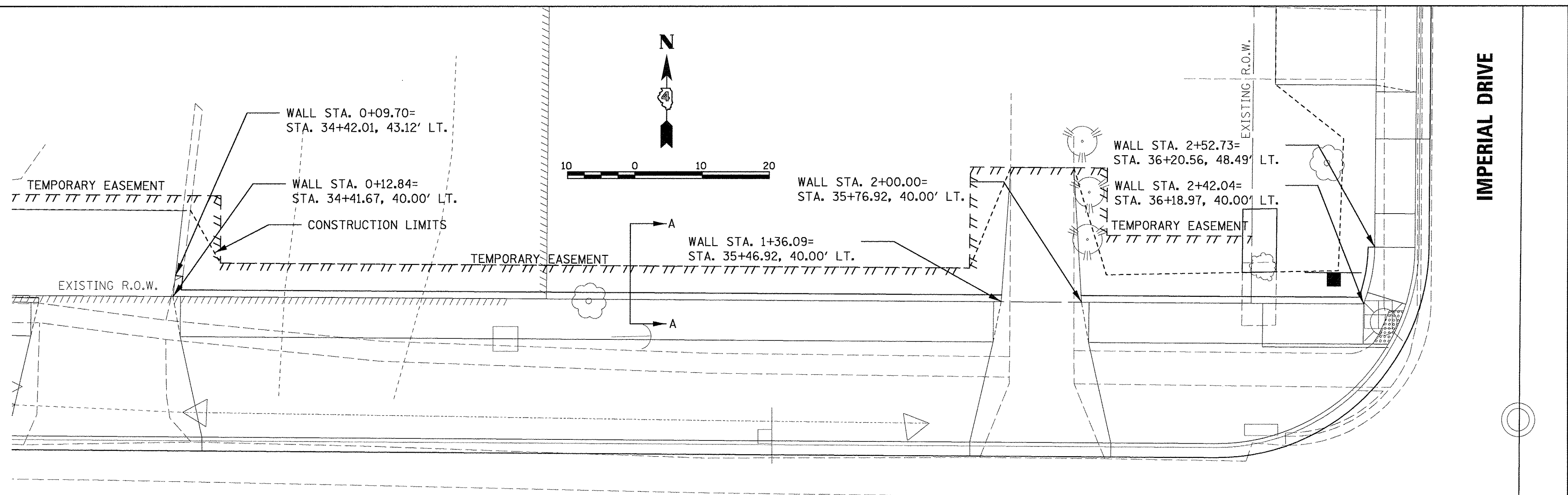
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REVIEWED	MGD	3/17/17



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		DATE - 03/22/17						ILLINOIS FED. AID PROJECT		M-5093(136)		



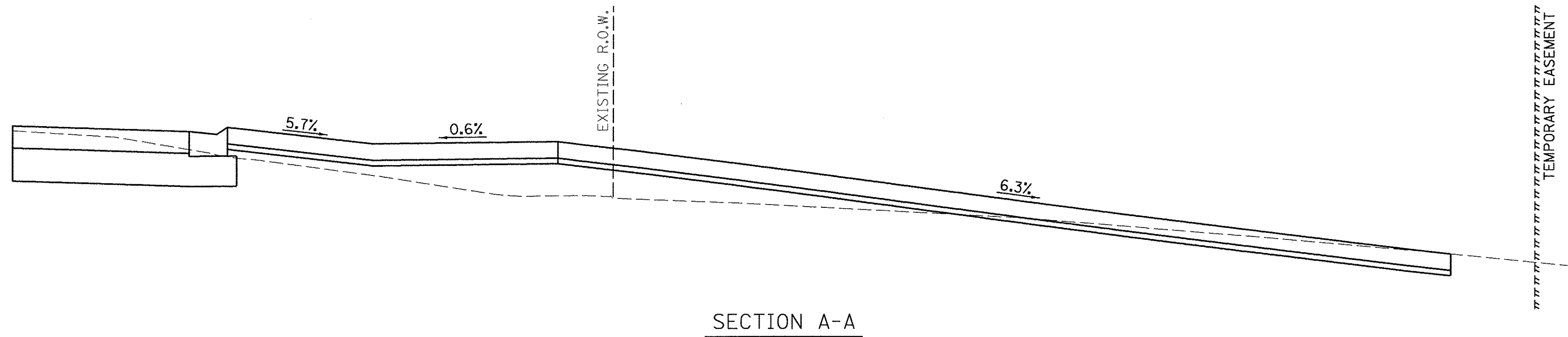
SECTION A-A
SEGMENTAL CONCRETE
BLOCK WALL SECTION
(SEE SEGMENTAL CONCRETE BLOCK WALL DETAIL)



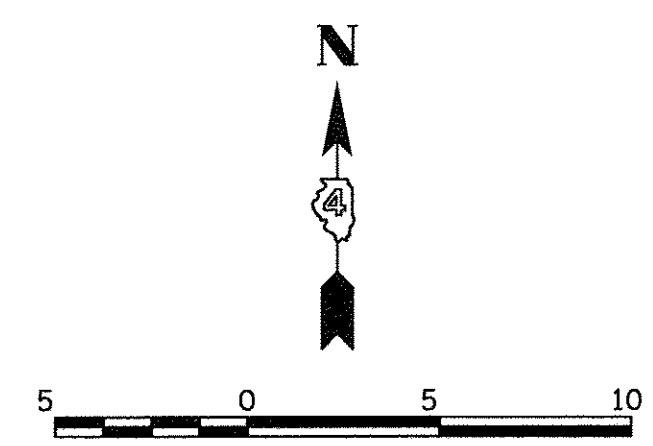
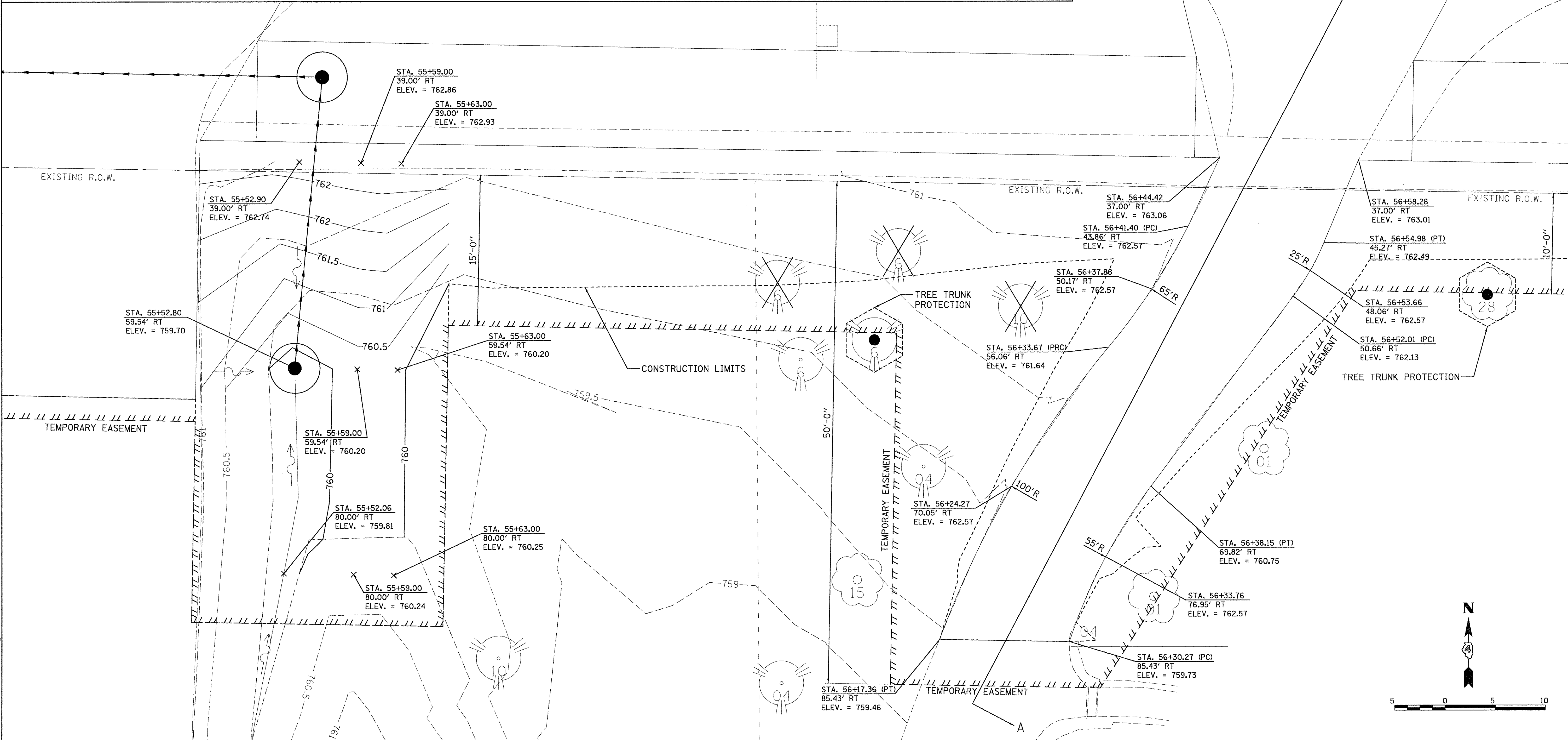
NORTHMOOR ROAD

IMPERIAL DRIVE

135+00 136 750+00



NORTHMOOR ROAD



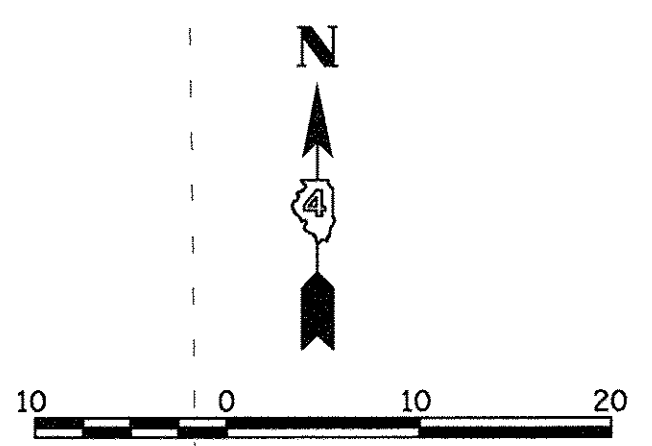
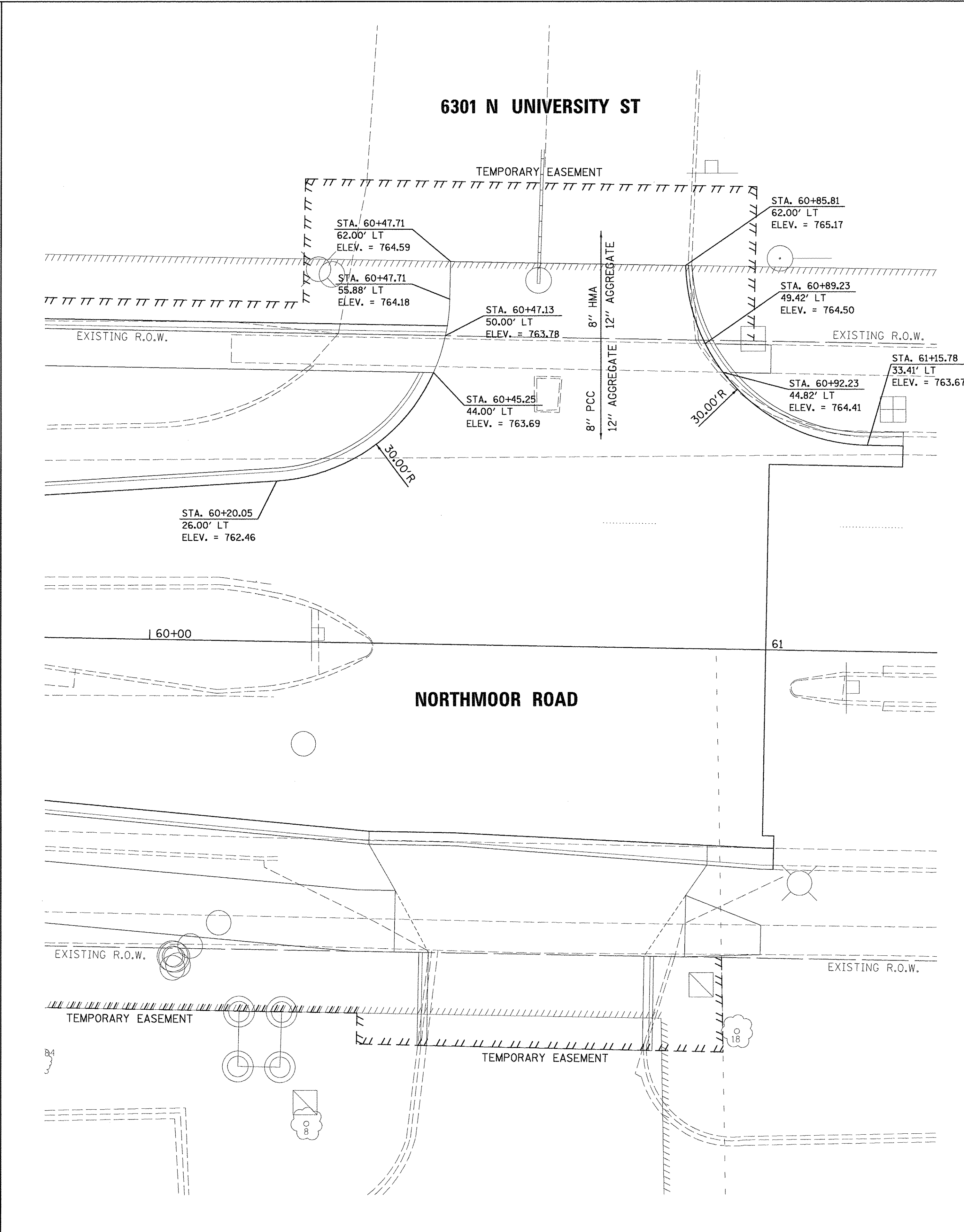
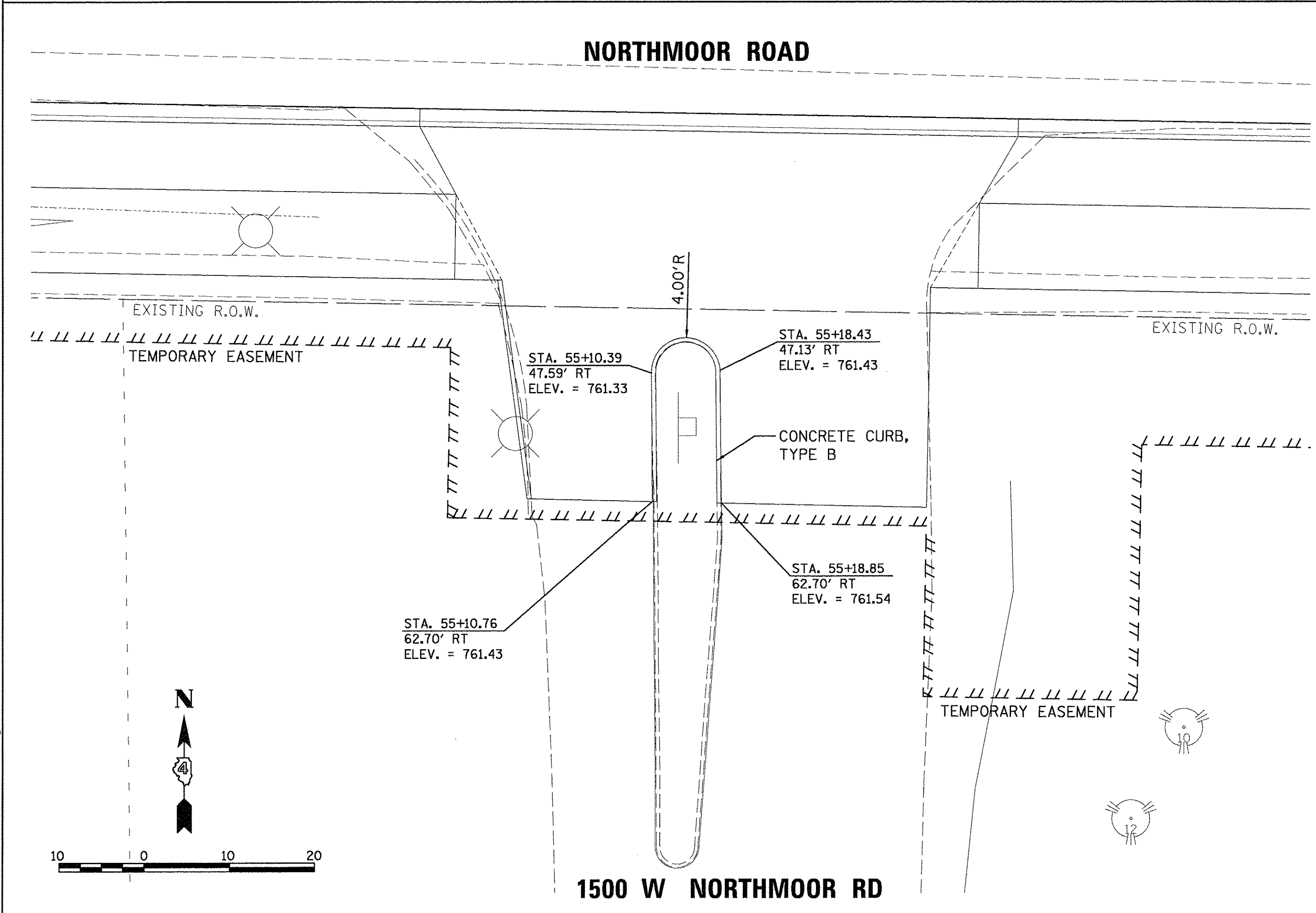
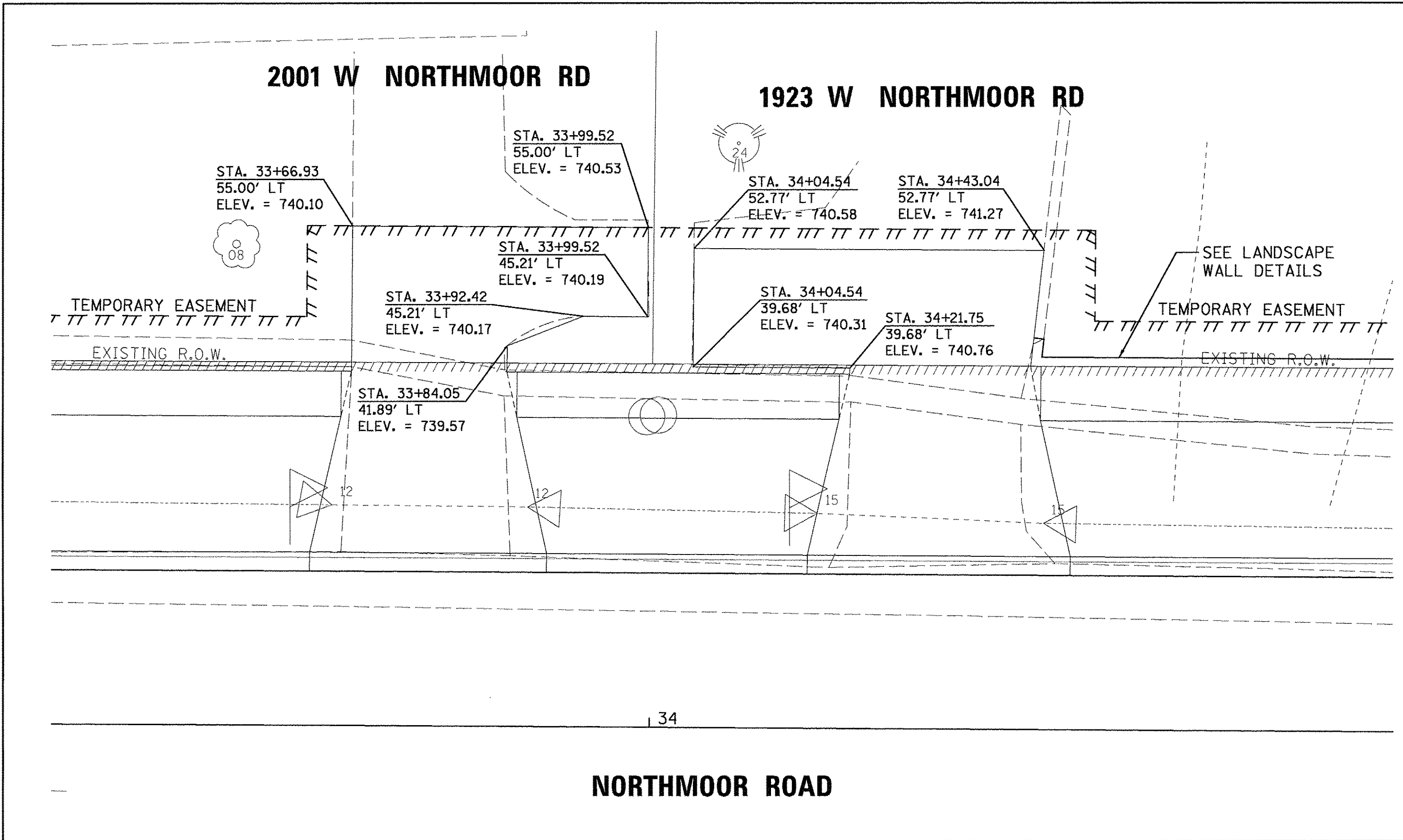
LAYOUT	DLC	8/9/16
DRAWN	RLA	8/9/16
REVIEWED	MCD	3/14/17

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DRAWN -	RLA
CHECKED -	MCD
DATE -	03/22/17
REVISIONS	
REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

NORTHMOOR ROAD	
1428 WEST NORTHMOOR ROAD	
SCALE: 1"=5'	SHEET OF SHEETS
STA.	TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	217
CONTRACT NO.89386				
ILLINOIS FED. AID PROJECT				M-5093(136)



LAYOUT	DLC	8/9/16
DRAWN	RLA	8/9/16
REVIEWED	MGD	3/14/17

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REVISIONS	
REVISED -	
REVISED -	
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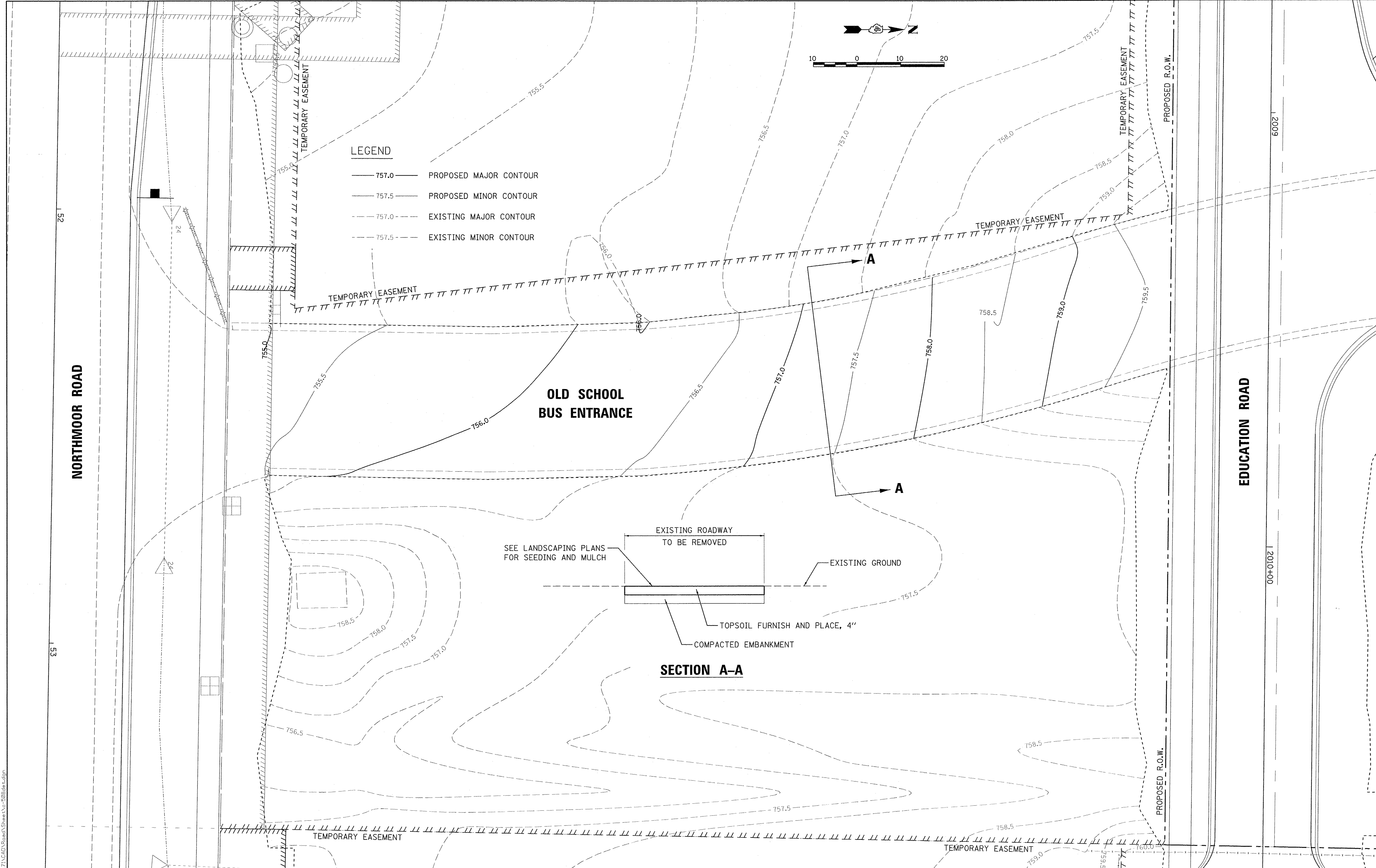
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHMOOR ROAD
1500,2001 & 1923 W. NORTHMOOR RD/6301 N. UNIVERSITY ST.

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

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	218
CONTRACT NO.89386			ILLINOIS FED. AID PROJECT M-5093(136)	

14:13 jobs\131071\CAD\Road\Sheet\c-5088e.dgn



LAYOUT	DLC	3/07/17
DRAWN	RLA	3/07/17
REVIEWED	MGD	3/14/17

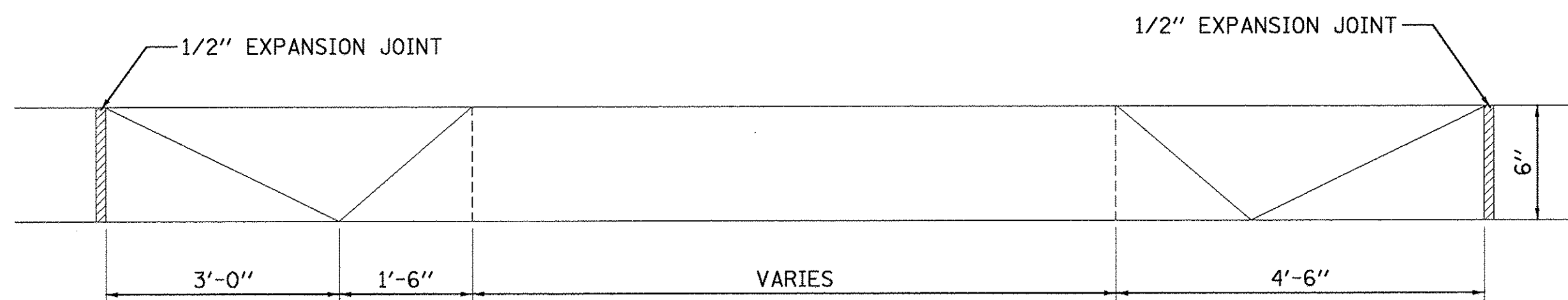
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		DATE - 4/14/17	REVISED -

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DATE - 4/14/17	REVISED -

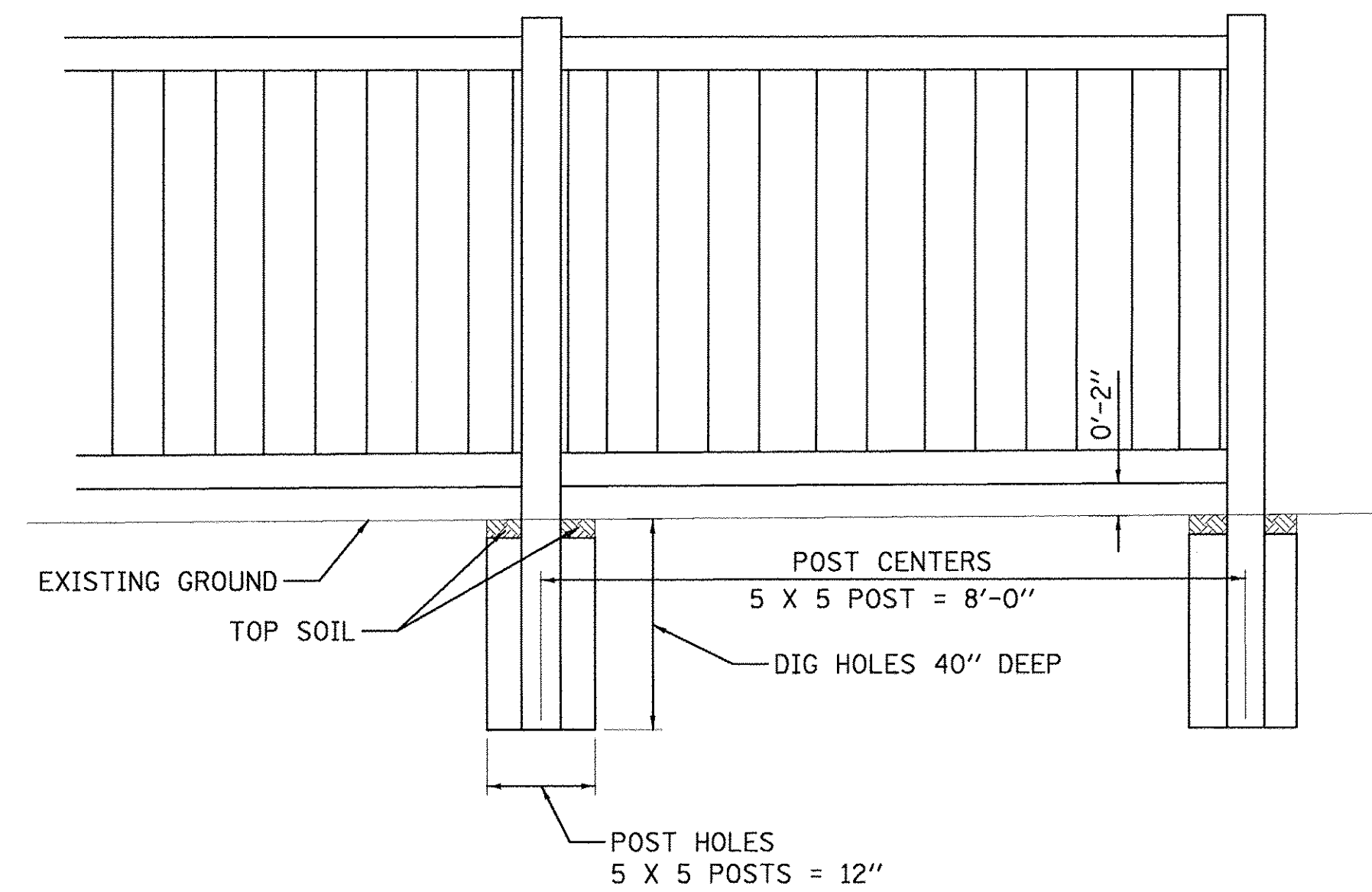
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTHMOOR ROAD	
OLD SCHOOL BUS ENTRANCE REGRAING PLAN	
SCALE: 1"=10'	SHEET OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	219
CONTRACT NO.89386			ILLINOIS FED. AID PROJECT M-5093(136)	

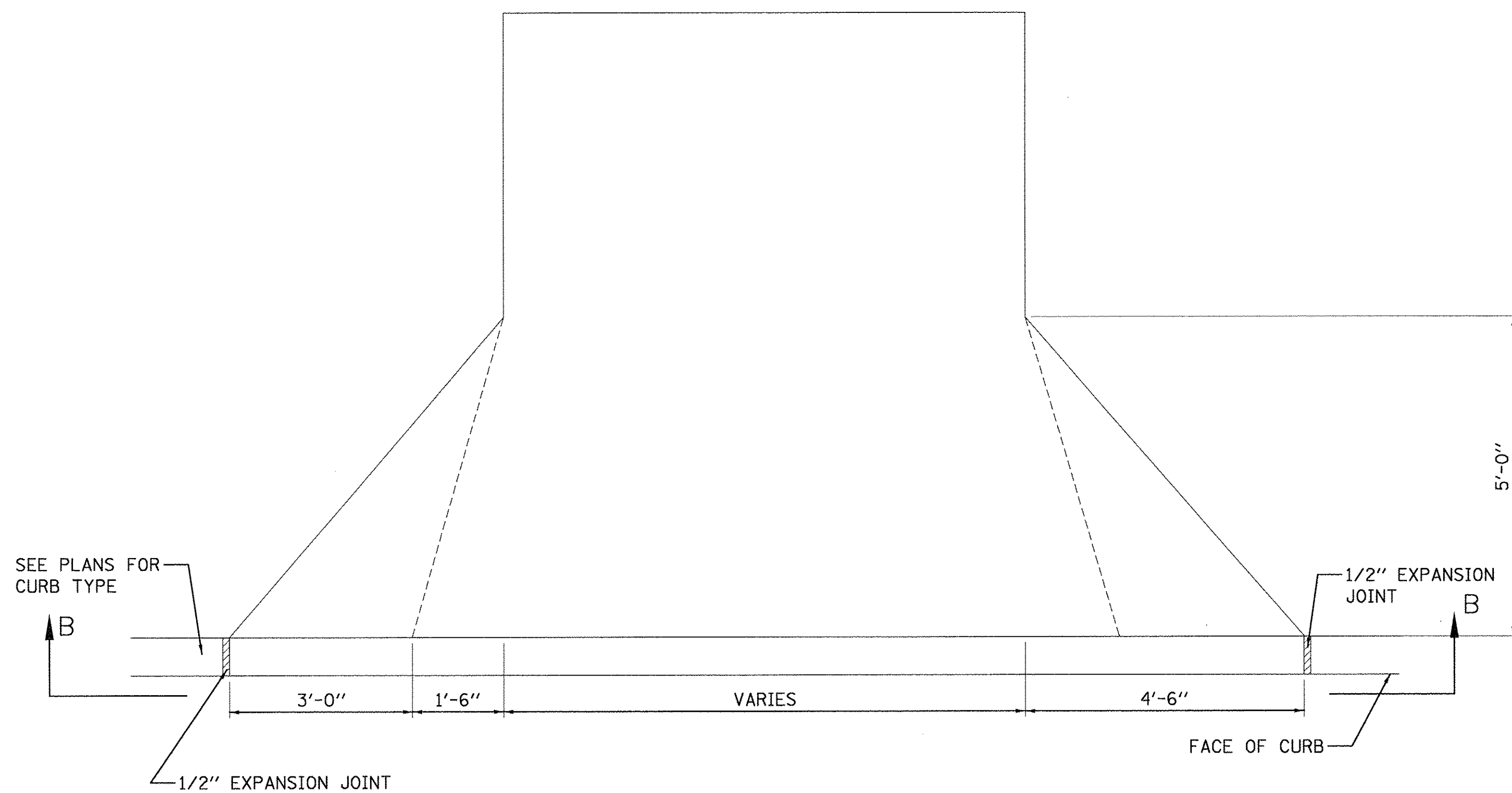


SECTION B-B

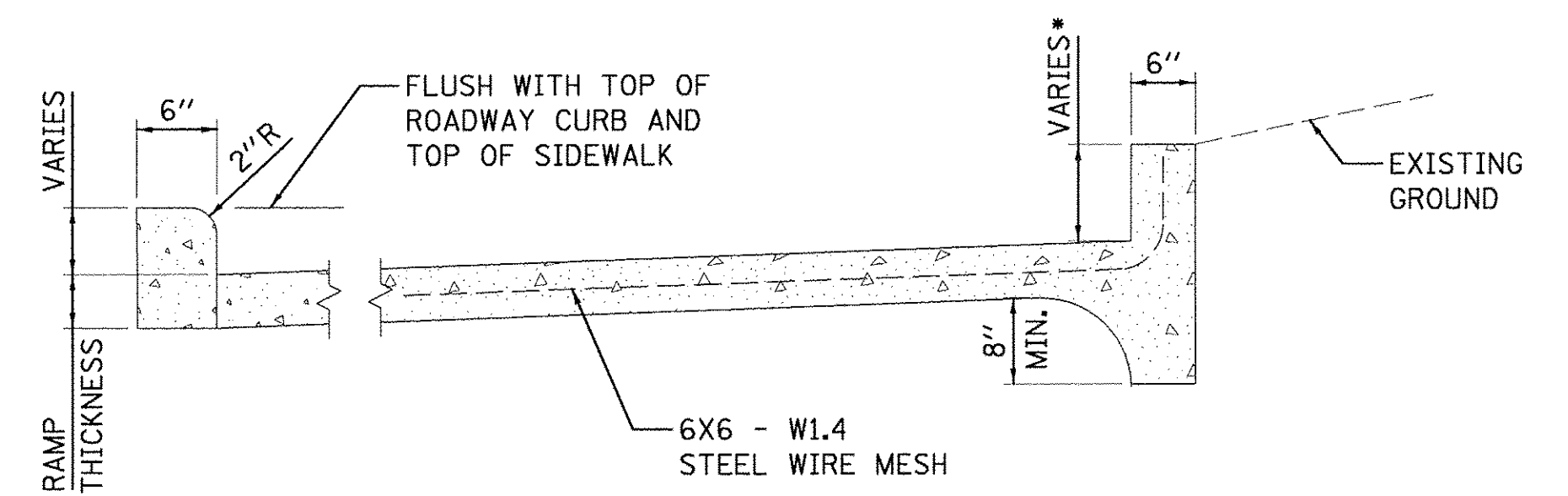


VINYL FENCE, 6' DETAIL

NOTE:
 DETAIL IS INTENDED TO PROVIDE A GENERAL IDEA OF THE EXPECTED CONSTRUCTION OF THE FENCE. ACTUAL DESIGN AND DIMENSIONS SHALL BE AS PROVIDED BY THE MANUFACTURER AND APPROVED BY THE ENGINEER.



AGGREGATE SURFACE COURSE, TYPE A, 8", ENTRANCE



COMBINATION CONCRETE CURB-SIDEWALK 4" (SPECIAL)

• SEE GRADING PLANS FOR SPECIFIC HEIGHTS

LAYOUT	DLC	8/9/16
DRAWN	RLA	8/9/16
REVIEWED	MGO	3/14/17

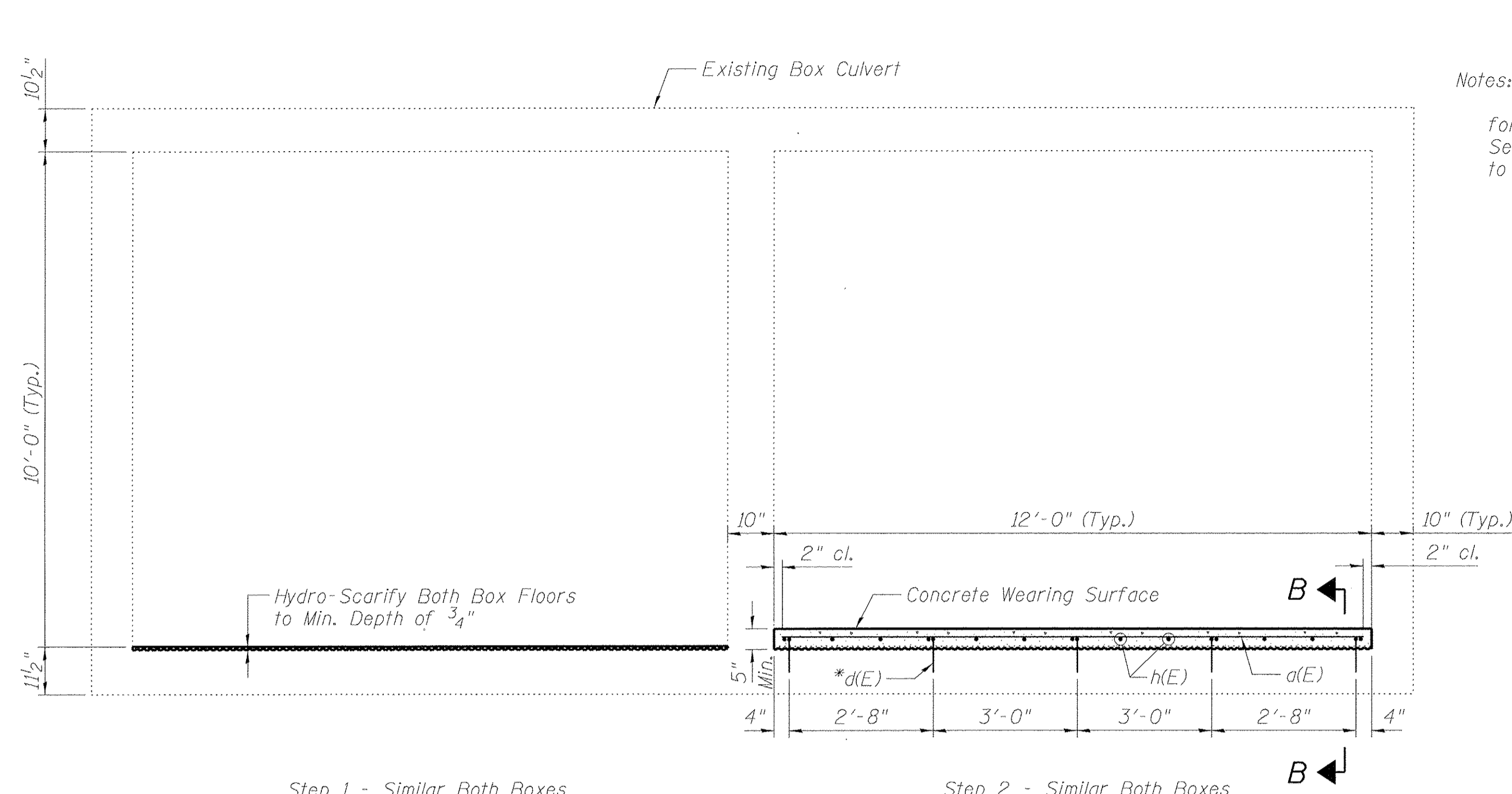
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PLOT SCALE =	5.0000' / in.	CHECKED -	MGO	REVISED -	
PLOT DATE =	3/22/2017	DATE -	03/22/17	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

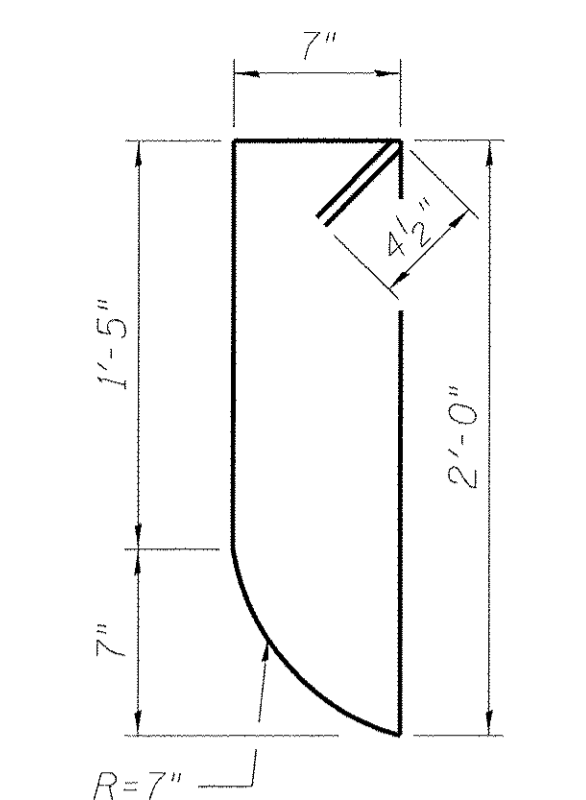
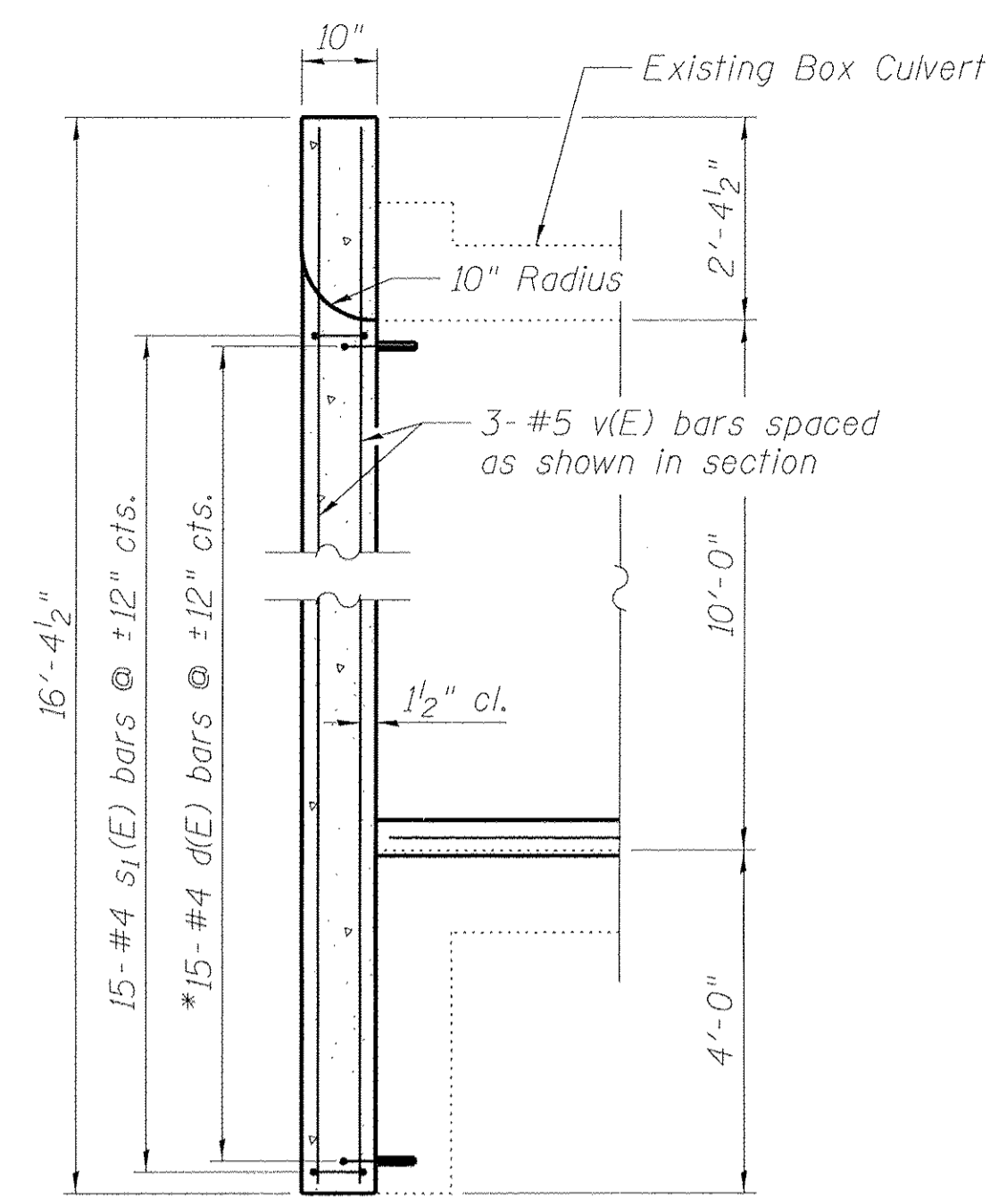
**NORTHMOOR ROAD
 MISCELLANEOUS DETAILS**

SCALE: N/A SHEET OF SHEETS STA. TO STA.

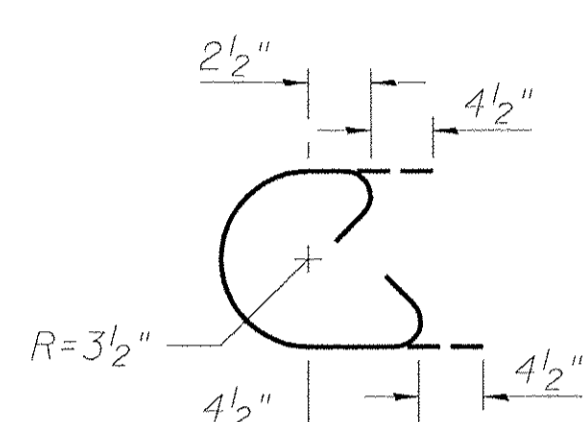
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CONTRACT NO.89386			ILLINOIS FED. AID PROJECT M-5093(136)	



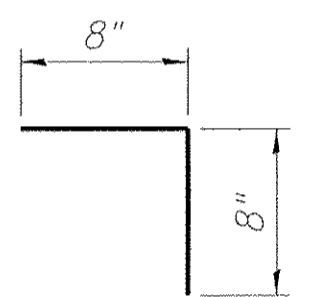
Notes:
 Self-Consolidating concrete shall be used for the headwall and center wall extension.
 Self-Consolidating admixtures shall be according to Section 1021.05 of the Standard Specifications.



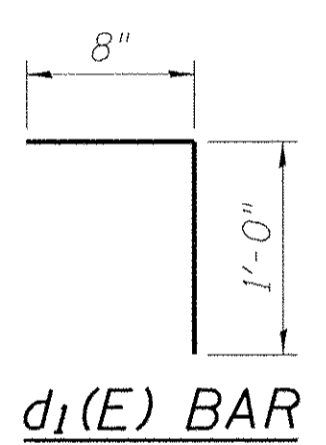
s(E) BAR



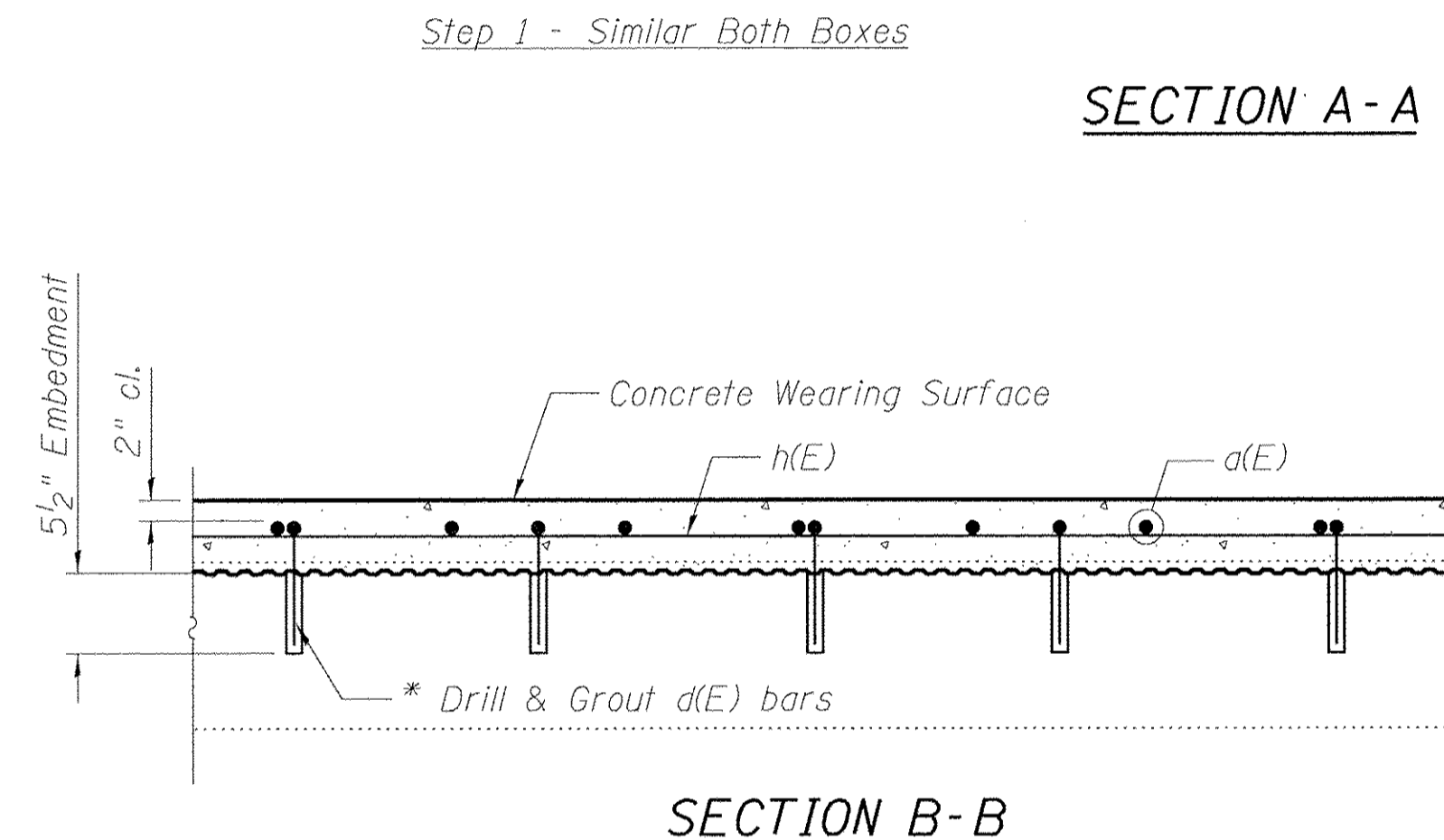
s1(E) BAR



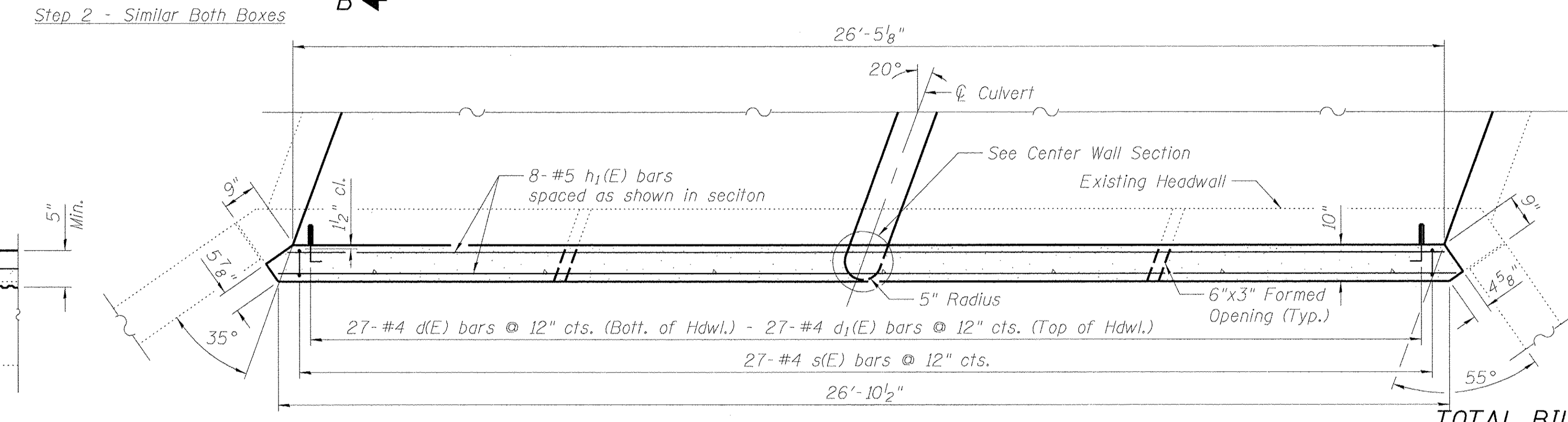
d(E) BAR



d1(E) BAR



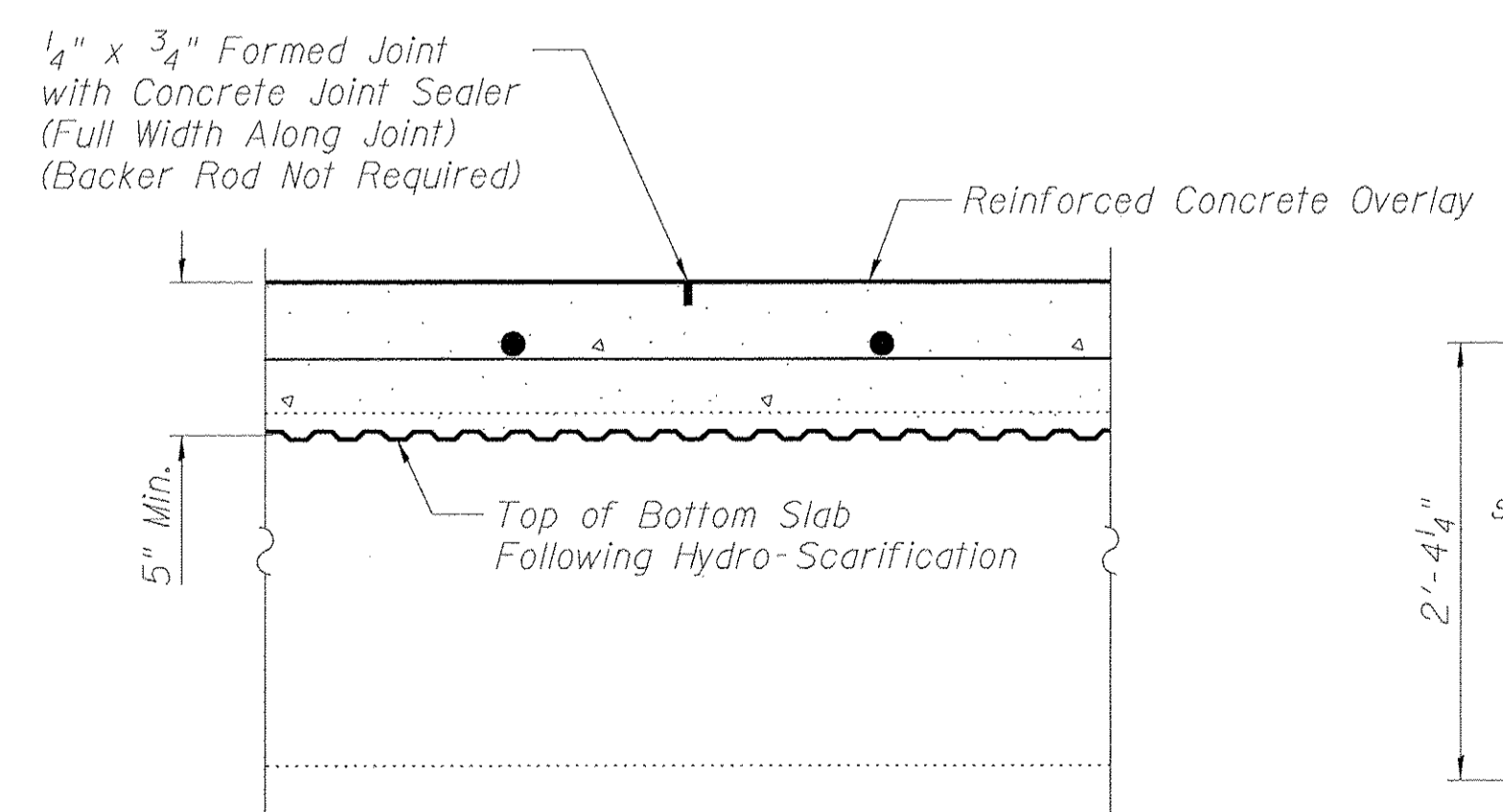
SECTION B-B



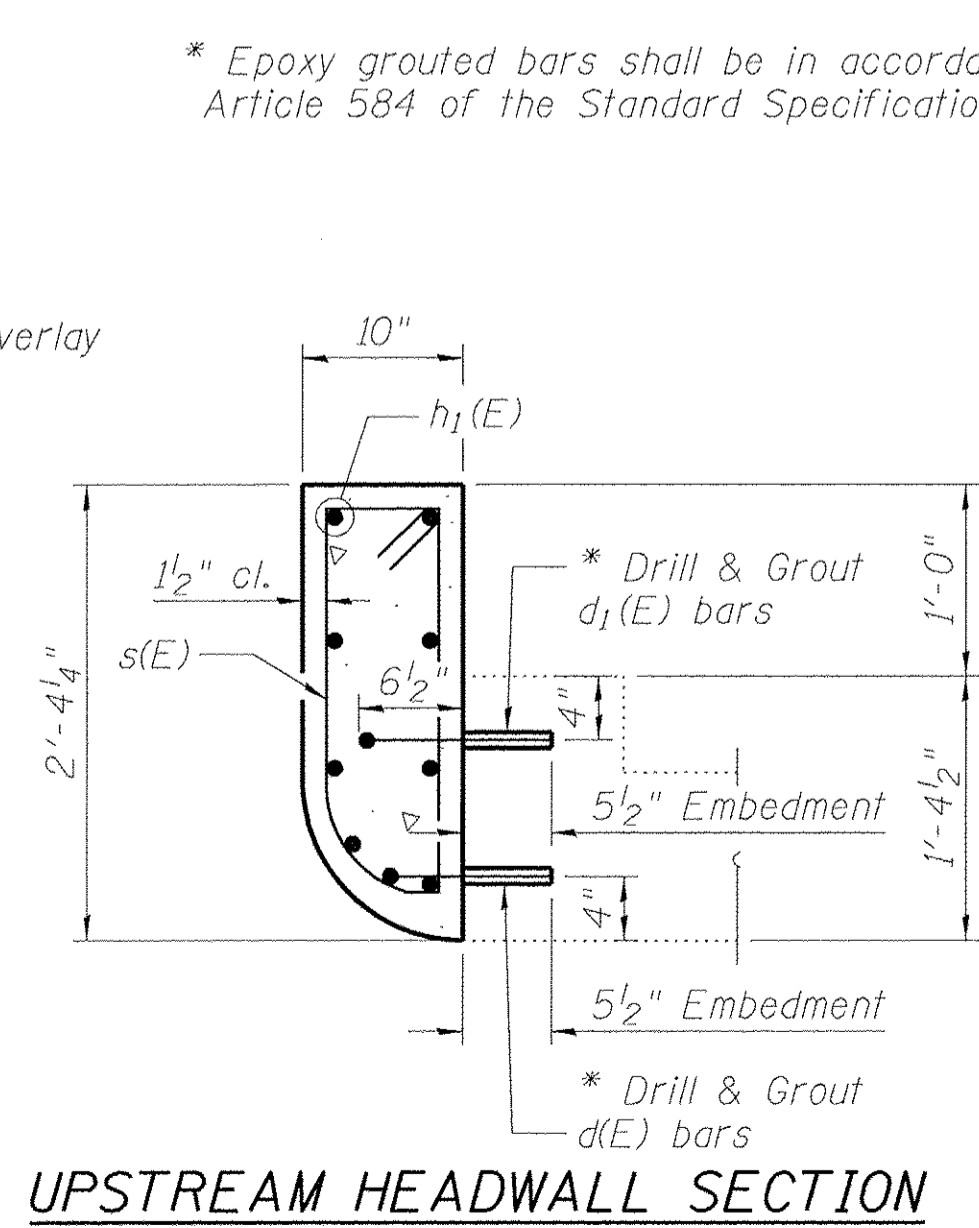
NORTH HEADWALL PLAN

TOTAL BILL OF MATERIAL

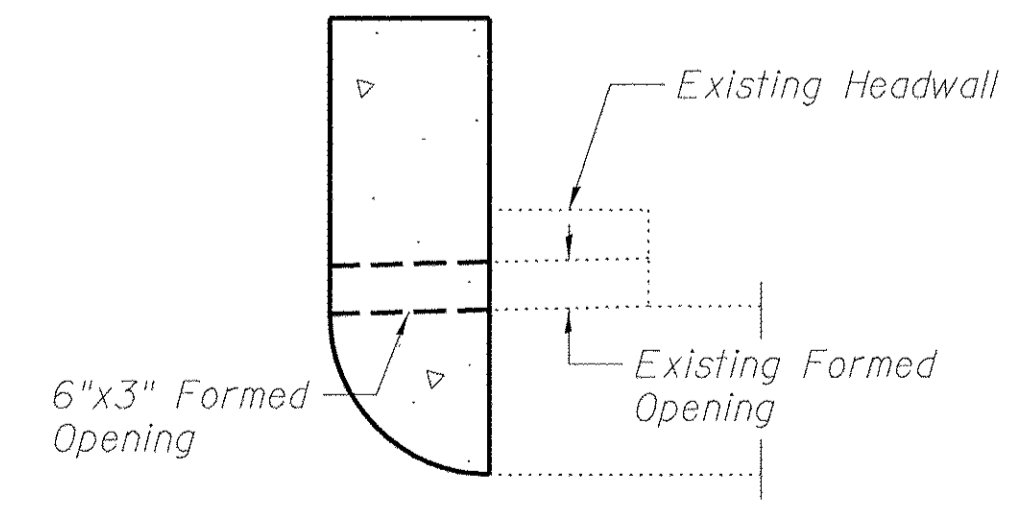
Bar	No.	Size	Length	Shape	
a(E)	318	#5	12'-5"	—	
d(E)	818	#4	1'-4"	L	
d1(E)	27	#4	1'-8"	L	
h(E)	130	#5	34'-3"	—	
h1(E)	8	#5	26'-5"	—	
s(E)	27	#4	5'-8"	U	
s1(E)	15	#4	2'-3"	C	
v(E)	3	#5	16'-0"	—	
Concrete Structures (Special)				Cu. Yd.	2.1
Deck Slab Repair (Full Depth, Type I)				Sq. Yd.	5
Deck Slab Repair (Full Depth, Type II)				Sq. Yd.	5
Structural Repair of Concrete (Depth Equal to or less than 5 in.)				Sq. Ft.	46
Structural Repair of Concrete (Depth Greater than 5 in.)				Sq. Ft.	7
Reinforcement Bars				Pound	500
Reinforcement Bars, Epoxy Coated				Pound	9920
Concrete Wearing Surface, 5"				Sq. Yd.	422
Bridge Deck Scarification 3/4"				Sq. Yd.	422
Debris Removal				L Sum	1



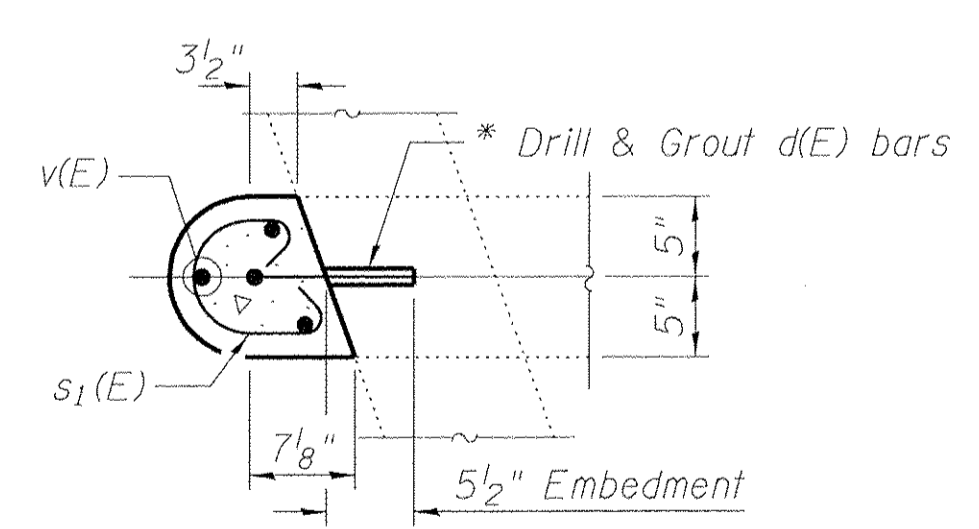
DETAIL A



UPSTREAM HEADWALL SECTION



HEADWALL DRAIN DETAIL



CENTER WALL SECTION

MIN. BAR LAPS
 #5 Bars = 3'-2"

PRELIMINARY
NOT FOR CONSTRUCTION

LAYOUT	MNM	8/17/16
DRAWN	EJM/DAP	8/17/16
REVIEWED	MNM	3/7/17

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REVISD -	
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CHECKED -	MNM
DATE -	03/22/17

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: N/A	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	222
CONTRACT NO.89386				ILLINOIS FED. AID PROJECT M-50930369

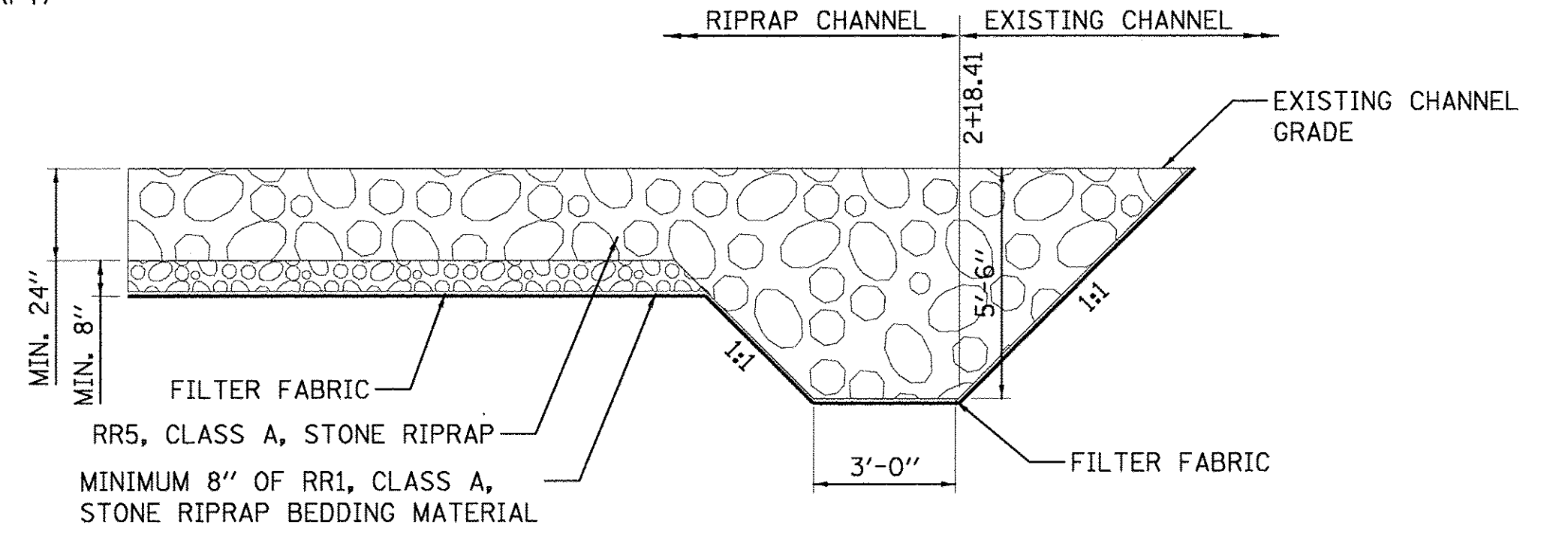
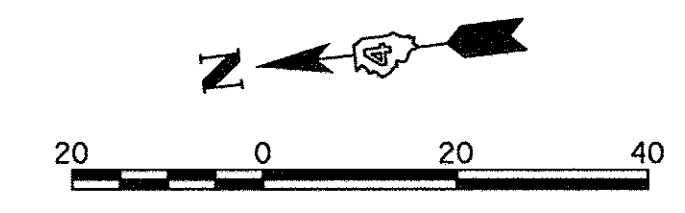
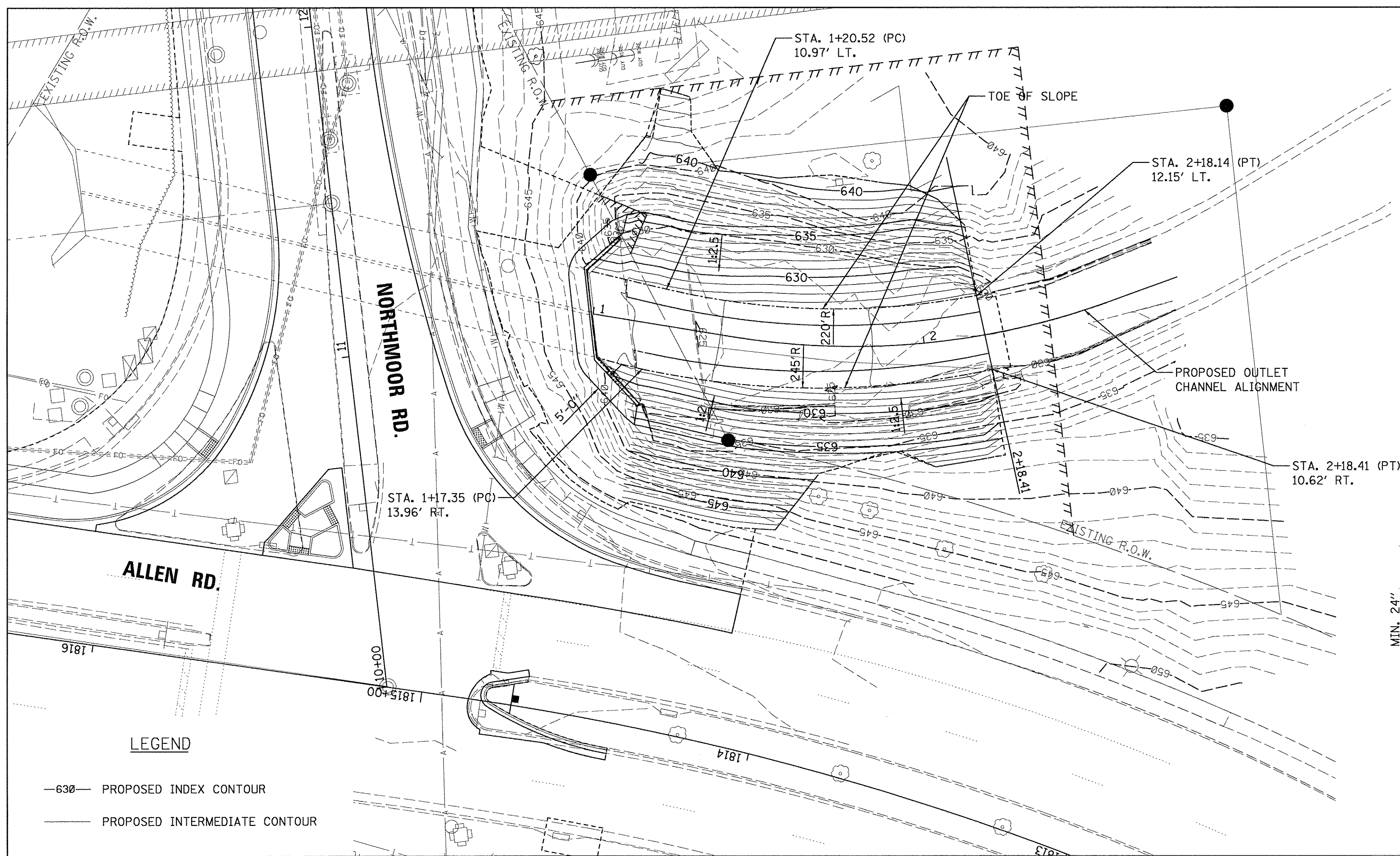
Note: Quantities for Reinforcement Bars and Deck Slab Repair are Estimated. Engineer shall determine in the field if these items are necessary for the bottom slab after Hydro-Scarification is complete.

PLAN	SURVEYED	DATE
NOTE BOOK	ALIGNED	BY
NO.	RT. OF WAY CHECKED	
	NO.	
	CADD FILE NAME	

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 Hanson Professional Services Inc.

PROFILE	SURVEYED	DATE
NOTE BOOK	GRADES CHECKED	BY
NO.	B.M. NOTED	
	STRUCTURE NOTATIONS CHKD	

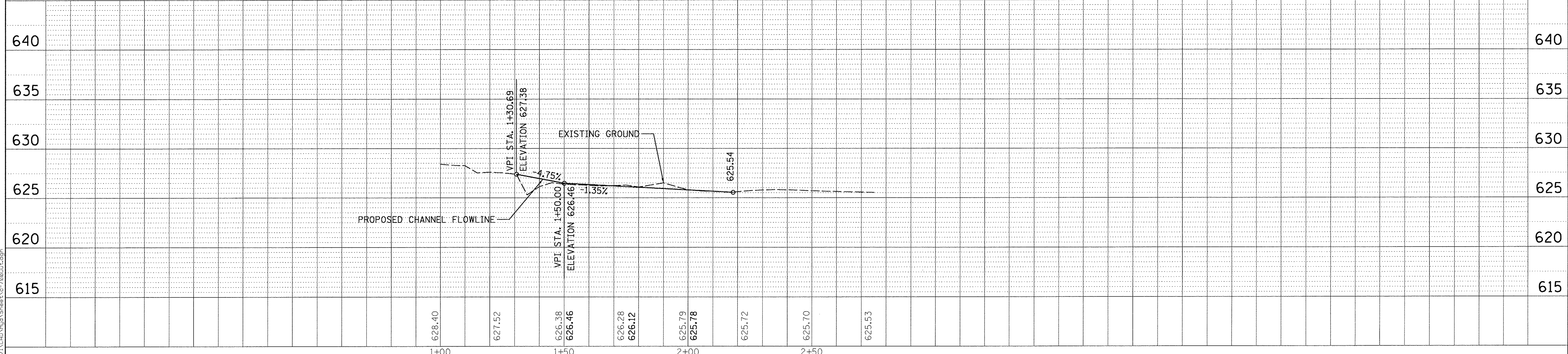
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DRAWN	RLA	2/24/15
REVIEWED	MGD	3/16/17



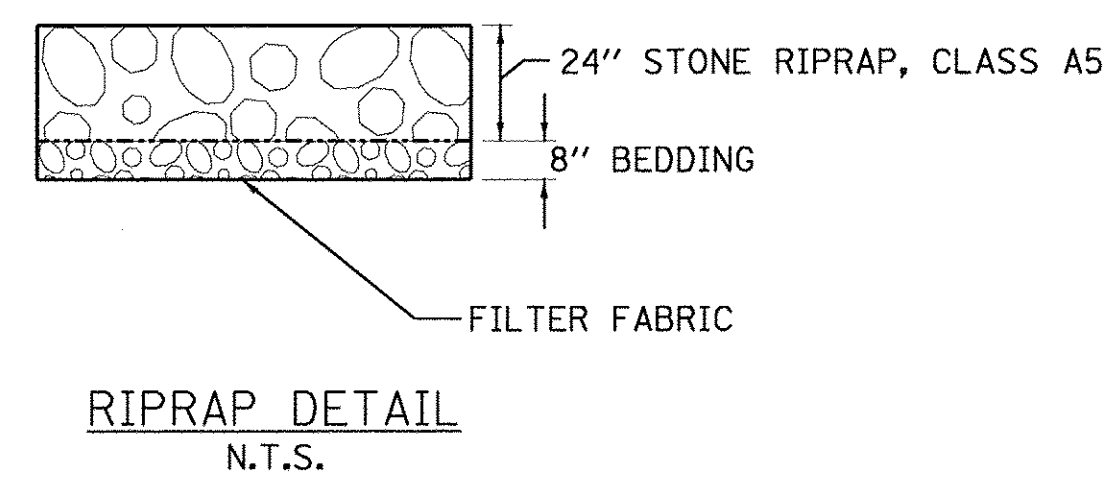
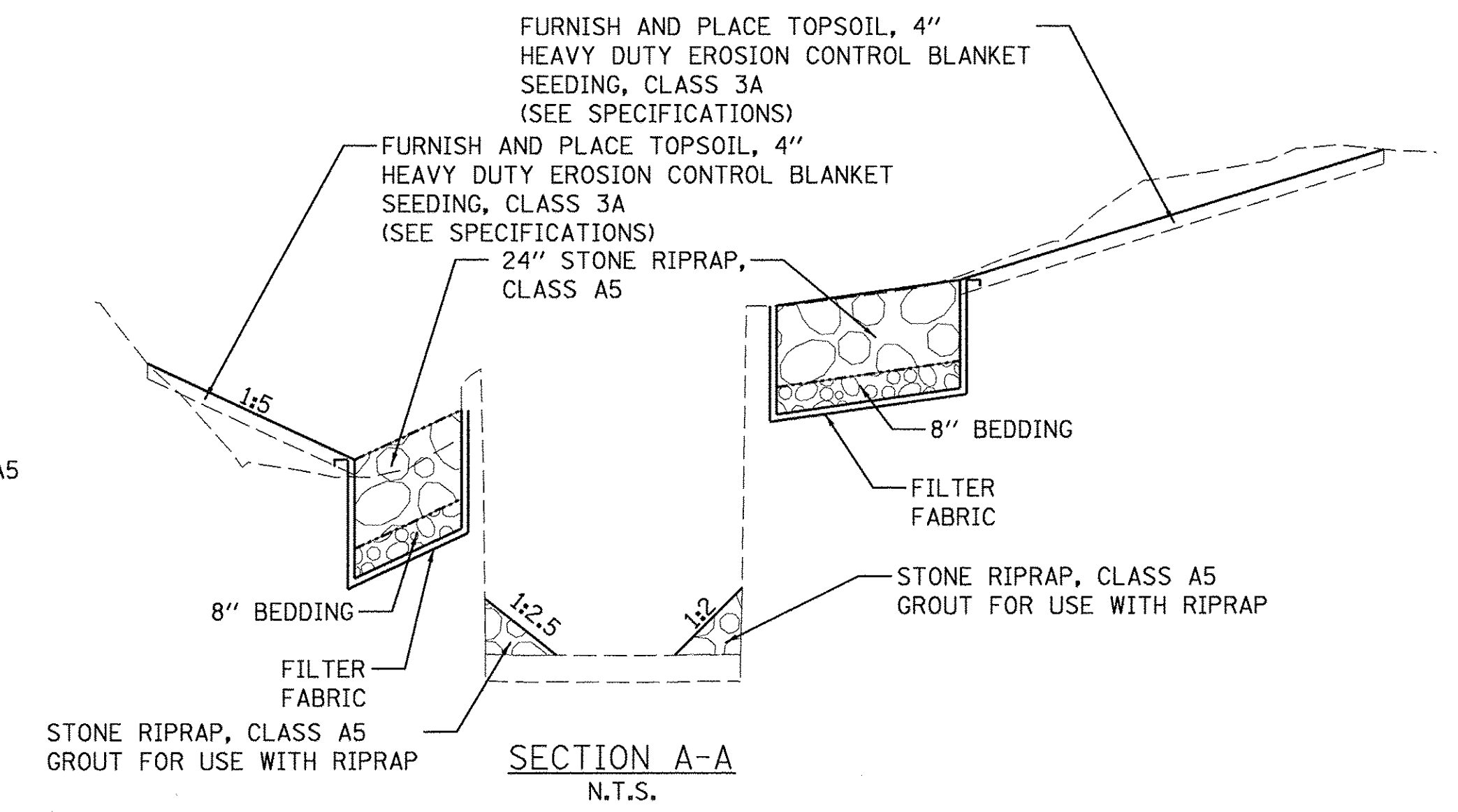
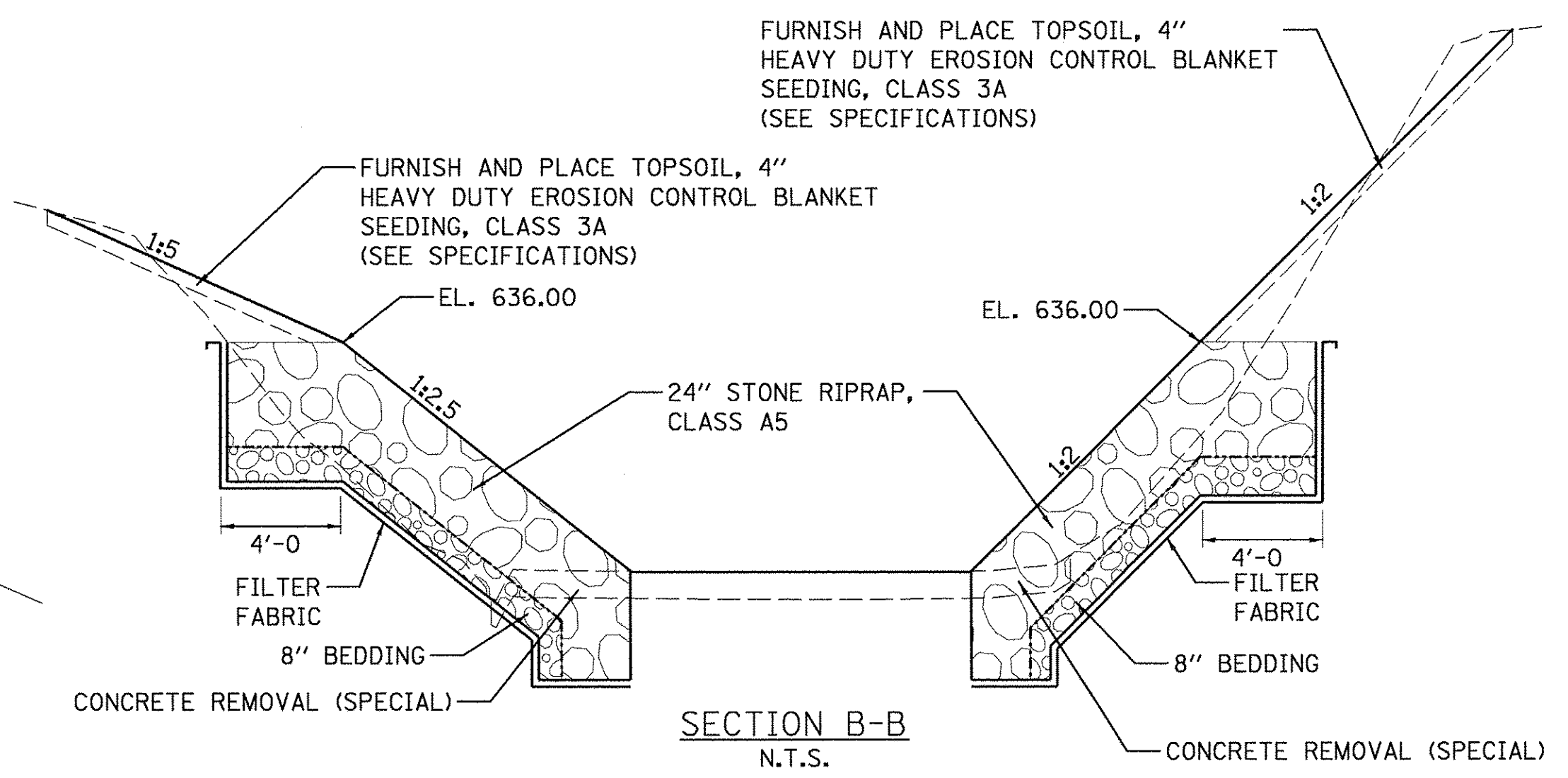
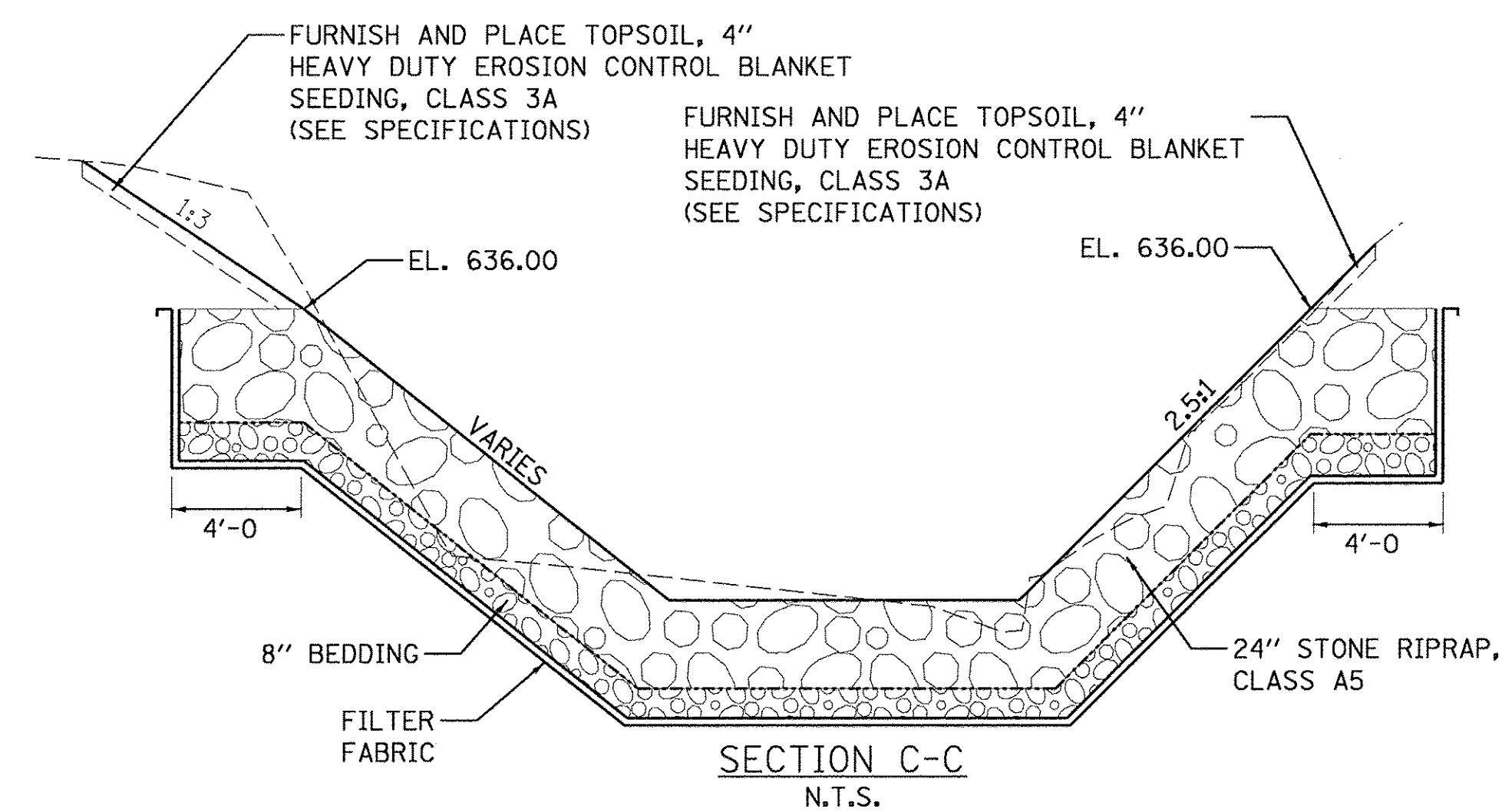
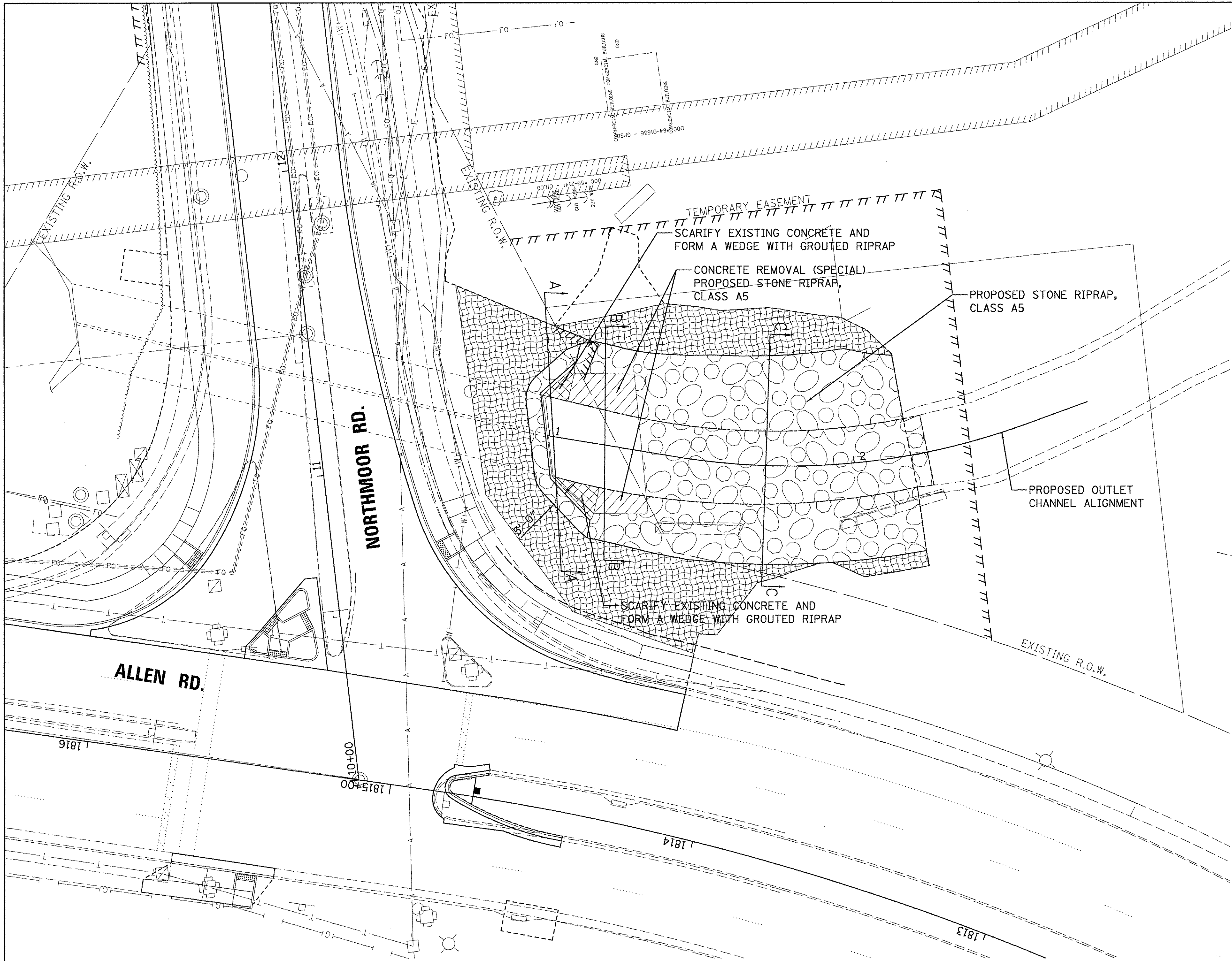
RIPRAP TERMINATION DETAIL
 STA. 2+18.41

LEGEND

- 630— PROPOSED INDEX CONTOUR
- — — PROPOSED INTERMEDIATE CONTOUR

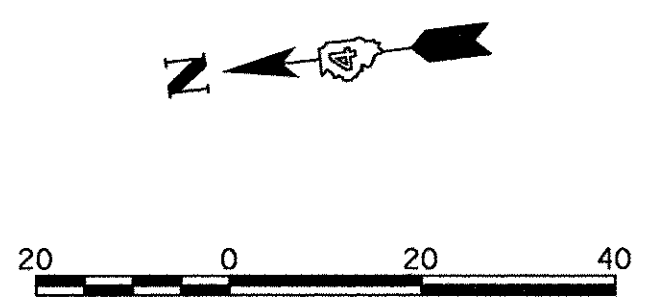


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PLOT SCALE = 20.0000' / in.		CHECKED - MGD	REVISED -			CONTRACT NO.89386					
PLOT DATE = 3/22/2017		DATE - 03/22/17	REVISED -			ILLINOIS FED. AID PROJECT M-50931136					



LEGEND

- HEAVY DUTY EROSION CONTROL BLANKET SEEDING, CLASS 3A
- PROPOSED RIPRAP, CLASS A5
- PROPOSED RIPRAP, CLASS A5 GROUT FOR USE WITH RIPRAP
- CONCRETE REMOVAL (SPECIAL)
- PROPOSED RIPRAP, CLASS A5



LAYOUT	DLC	2/24/15
DRAWN	RLA	2/24/15
REVIEWED	MCD	3/7/17

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20.0001' / 1"	MCD	RLA	-
PLOT DATE =	DATE -	REVIEWED -	REVISED -
3/22/2017	03/22/17	-	-

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

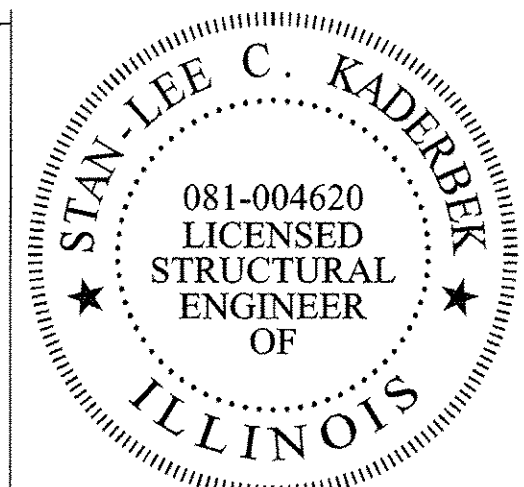
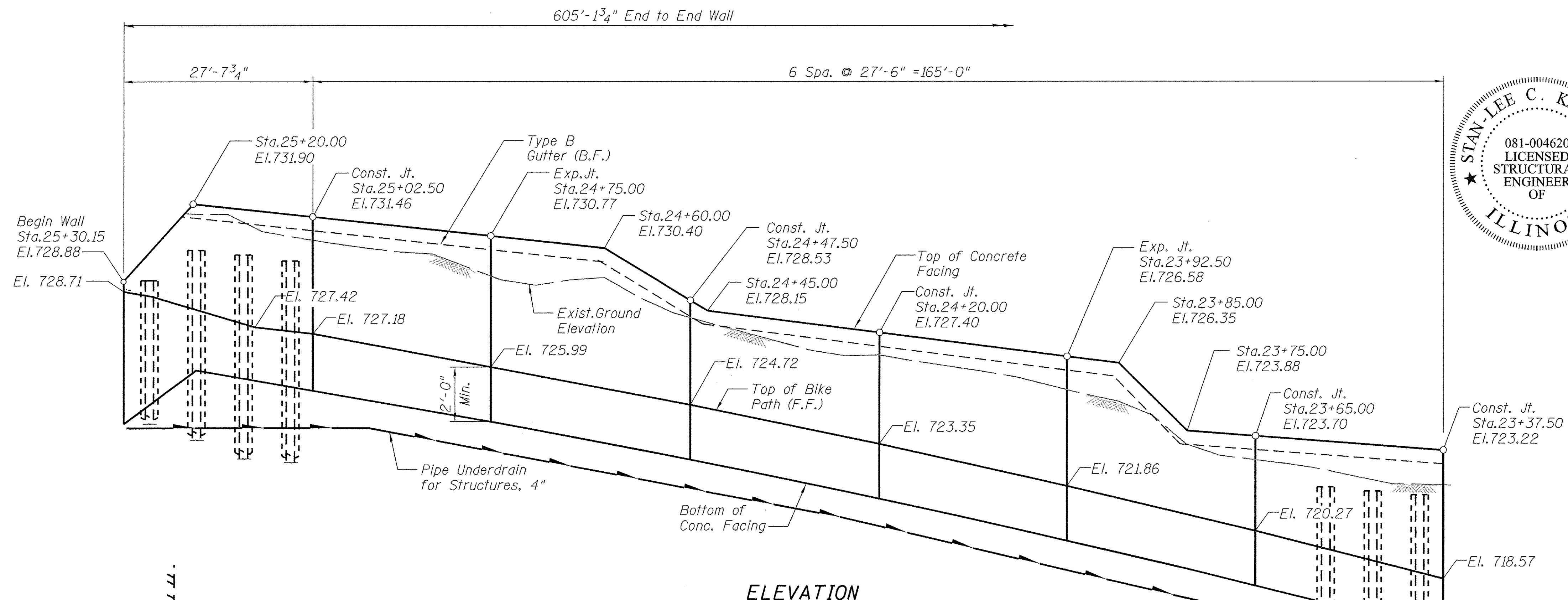
**NORTHMOOR ROAD
 CHANNEL PROTECTION PLAN**

SCALE: 1"=20' SHEET OF SHEETS STA. 1+00.00 TO STA. 2+18.41

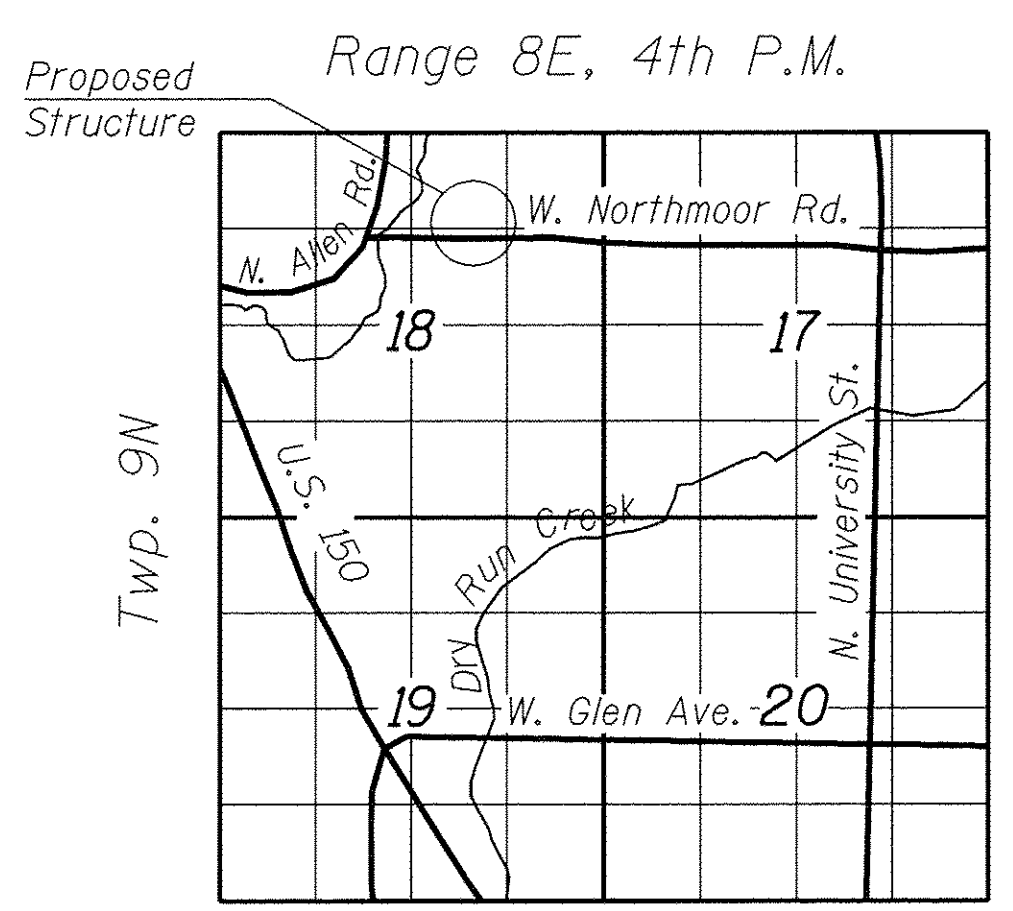
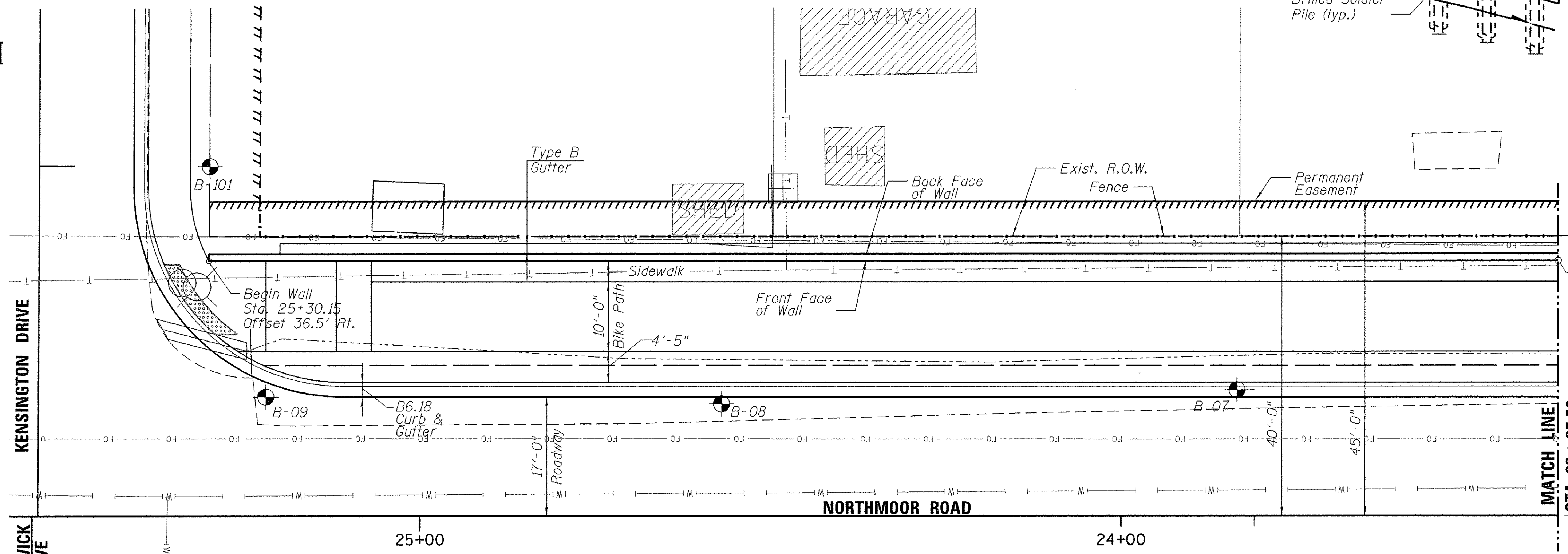
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
6647	05-00302-00-PV	PEORIA	385	224
ILLINOIS FED. AID PROJECT			CONTRACT NO. 89386	
			M-50931367	

Benchmark: BM #3- S.W. bolt on the fire hydrant in the S.E. quadrant of the Northmoor Rd. and Kensington Dr. intersection. El.734.55

Existing Structure: No existing structure



Signature: *[Signature]* Date: March 10, 2017
 Expires: November 30, 2018



Note: Offsets are measured from the centerline of Northmoor Rd. to the front face of the wall.

GENERAL PLAN & ELEVATION
NORTHMOOR ROAD
F.A.U. RTE 6647
SEC. 05-00302-00-PV
PEORIA COUNTY
STATION 19+25 TO 25+30.15

FILE NAME = P:\2015\0595 Peoria Northmoor Road Retaining Wall Project\Project Files\House Dwg's\Dgn Wall Right\SB-1.dgn



USER NAME = taledge	DESIGNED - LAS	REVISD -
PLOT SCALE = 10.0000' / 1"	CHECKED - DAZ	REVISD -
PLOT DATE = 3/10/2017	DRAWN - TCS	REVISD -
	CHECKED - LAS	REVISD -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION 1
WALL B STA 19+25.00 to STA. 25+30.15

F.A.U. RTE. 6647	SECTION 05-00302-00-PV	COUNTY PEORIA	TOTAL SHEETS 385	SHEET NO. 225
CONTRACT NO. 89386				
ILLINOIS FED. AID PROJECT M-5093 (136)				