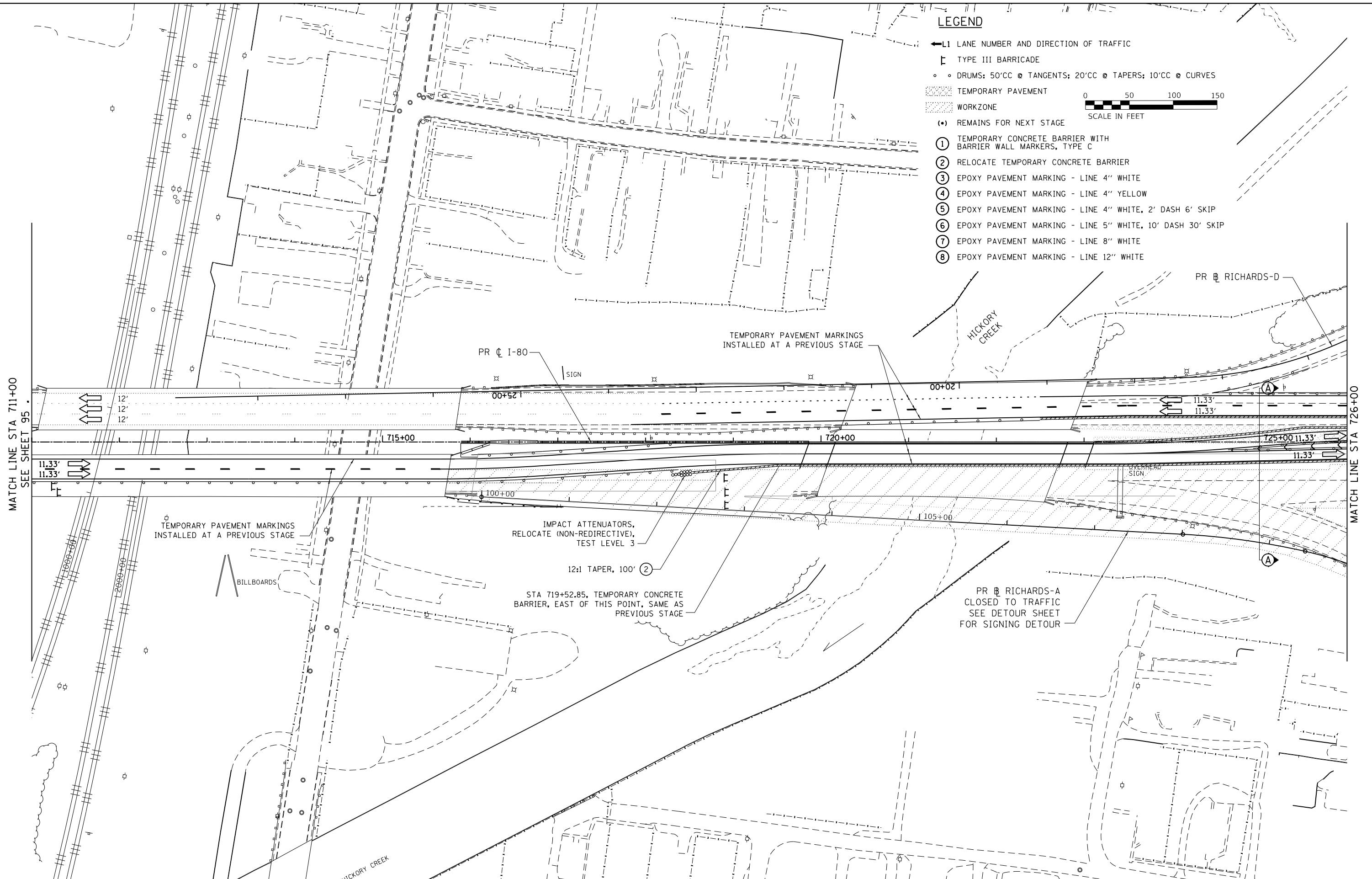


LEGEND

- ← L1 LANE NUMBER AND DIRECTION OF TRAFFIC
- ⊞ TYPE III BARRICADE
- ○ DRUMS: 50'CC @ TANGENTS; 20'CC @ TAPERS; 10'CC @ CURVES
- ▨ TEMPORARY PAVEMENT
- ▧ WORKZONE
- (•) REMAINS FOR NEXT STAGE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ EPOXY PAVEMENT MARKING - LINE 4" WHITE
- ④ EPOXY PAVEMENT MARKING - LINE 4" YELLOW
- ⑤ EPOXY PAVEMENT MARKING - LINE 4" WHITE, 2' DASH 6' SKIP
- ⑥ EPOXY PAVEMENT MARKING - LINE 5" WHITE, 10' DASH 30' SKIP
- ⑦ EPOXY PAVEMENT MARKING - LINE 8" WHITE
- ⑧ EPOXY PAVEMENT MARKING - LINE 12" WHITE



MATCH LINE STA 711+00
SEE SHEET 95

MATCH LINE STA 726+00

USER NAME = default	DESIGNED - RA	REVISED -
PLOT SCALE = #SCALE#	DRAWN - RA	REVISED -
PLOT DATE = 6/25/2020	CHECKED - RR	REVISED -
FILE NAME = C:\EB I-80\CADD Drawings\DI60W34-shr-staging03.2a.dgn	DATE - 6/25/2020	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

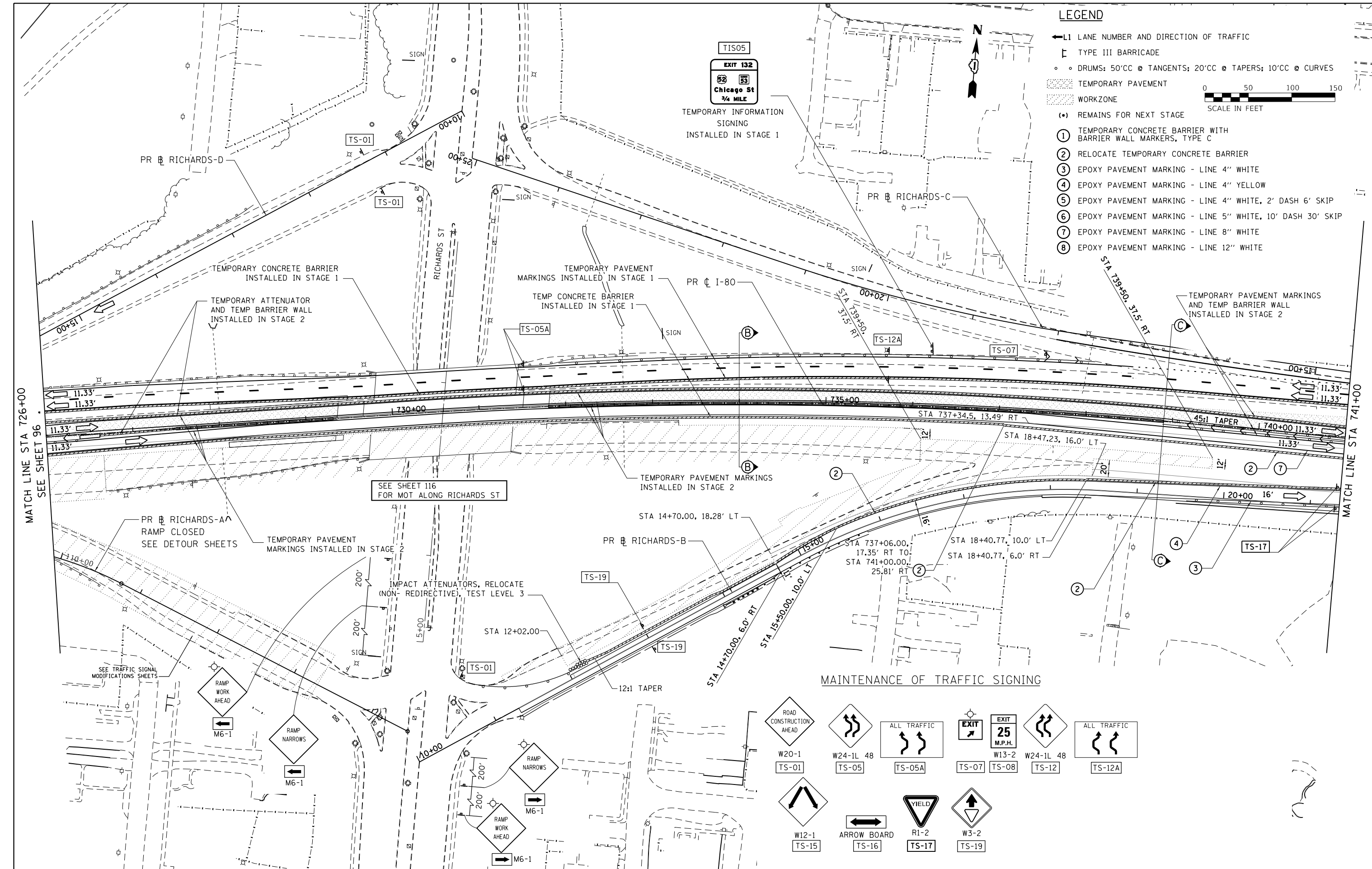
**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
EB I-80 STAGE 2A**

SCALE: 1"= 50' SHEET 1 OF 3 SHEETS STA. 711+00 TO STA. 726+00

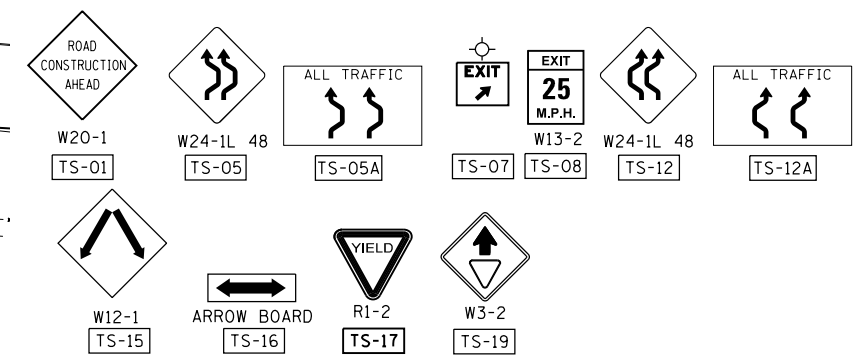
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	101
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

LEGEND

- ← L1 LANE NUMBER AND DIRECTION OF TRAFFIC
- ⊥ TYPE III BARRICADE
- DRUMS: 50'CC @ TANGENTS; 20'CC @ TAPERS; 10'CC @ CURVES
- TEMPORARY PAVEMENT
- WORKZONE
- (•) REMAINS FOR NEXT STAGE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ EPOXY PAVEMENT MARKING - LINE 4" WHITE
- ④ EPOXY PAVEMENT MARKING - LINE 4" YELLOW
- ⑤ EPOXY PAVEMENT MARKING - LINE 4" WHITE, 2' DASH 6' SKIP
- ⑥ EPOXY PAVEMENT MARKING - LINE 5" WHITE, 10' DASH 30' SKIP
- ⑦ EPOXY PAVEMENT MARKING - LINE 8" WHITE
- ⑧ EPOXY PAVEMENT MARKING - LINE 12" WHITE



MAINTENANCE OF TRAFFIC SIGNING



USER NAME = default	DESIGNED - RA	REVISED -
PLOT SCALE = #SCALE#	DRAWN - RA	REVISED -
PLOT DATE = 6/25/2020	CHECKED - RR	REVISED -
FILE NAME = C:\EB I-80\CADD Drawings\DI60W34-sh2-staging04_2A.dgn	DATE - 6/25/2020	REVISED -

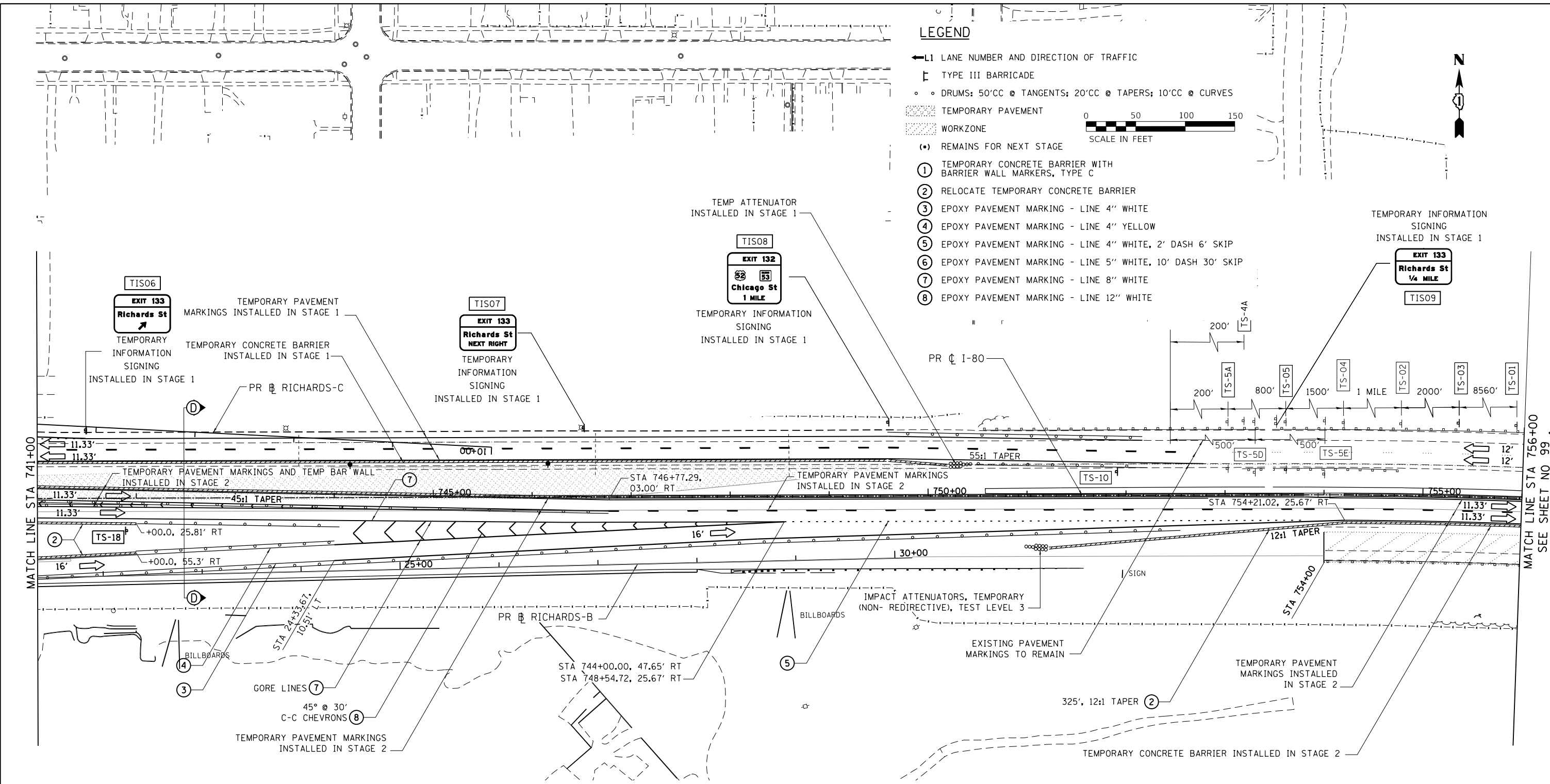


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
EB I-80 STAGE 2A**

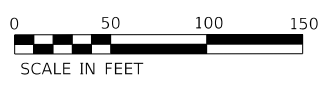
SCALE: 1" = 50' SHEET 2 OF 3 SHEETS STA. 726+00 TO STA. 741+00

F.A.I. RTE. 80	SECTION 2013-008B	COUNTY WILL	TOTAL SHEETS 511	SHEET NO. 102
CONTRACT NO. 60W34				ILLINOIS FED. AID PROJECT

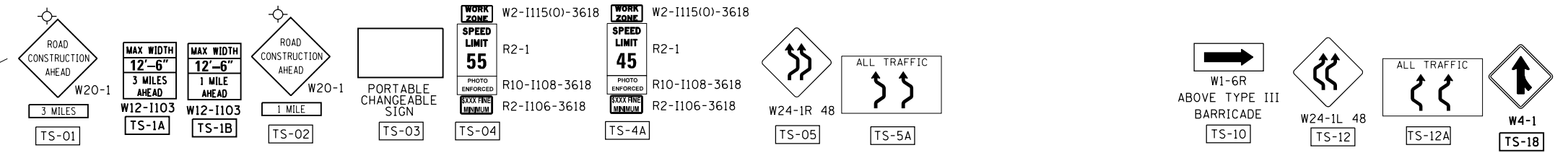


LEGEND

- ← L1 LANE NUMBER AND DIRECTION OF TRAFFIC
- ▬ TYPE III BARRICADE
- DRUMS: 50'CC @ TANGENTS; 20'CC @ TAPERS; 10'CC @ CURVES
- ▨ TEMPORARY PAVEMENT
- ▨ WORKZONE
- (*) REMAINS FOR NEXT STAGE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ EPOXY PAVEMENT MARKING - LINE 4" WHITE
- ④ EPOXY PAVEMENT MARKING - LINE 4" YELLOW
- ⑤ EPOXY PAVEMENT MARKING - LINE 4" WHITE, 2' DASH 6' SKIP
- ⑥ EPOXY PAVEMENT MARKING - LINE 5" WHITE, 10' DASH 30' SKIP
- ⑦ EPOXY PAVEMENT MARKING - LINE 8" WHITE
- ⑧ EPOXY PAVEMENT MARKING - LINE 12" WHITE

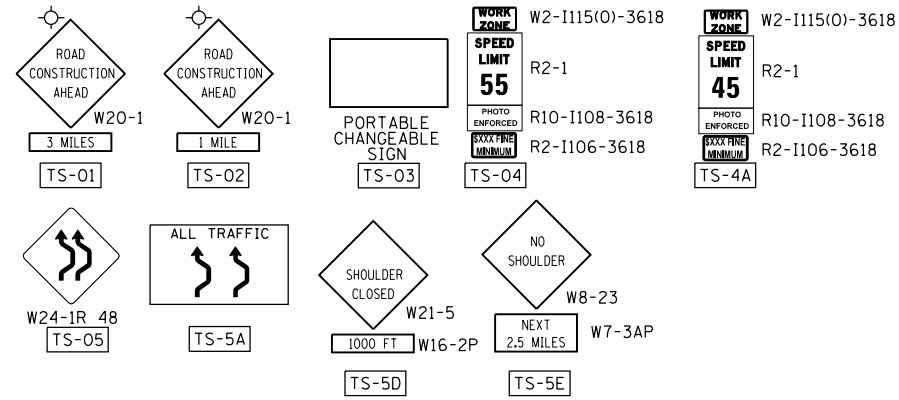


MAINTENANCE OF TRAFFIC SIGNING



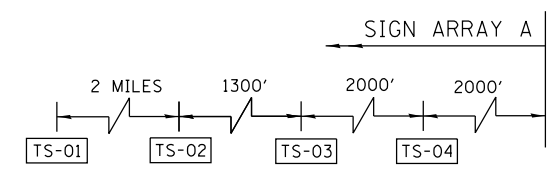
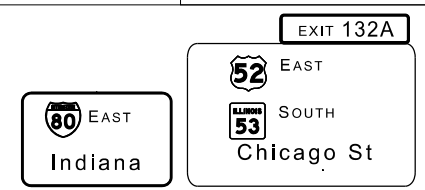
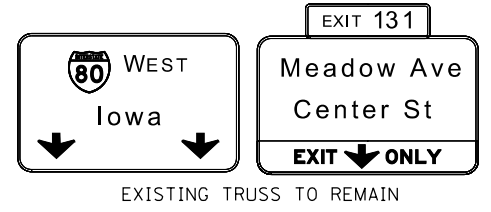
USER NAME = default	DESIGNED - RA	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EB I-80 FROM GARDNER STREET TO ROWELL AVENUE EB I-80 STAGE 2A			F.A.I. R/E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = #SCALE#	DRAWN - RA	REVISED -			80	2013-008B	WILL	511	103			
PLOT DATE = 6/25/2020	CHECKED - RR	REVISED -			CONTRACT NO. 60W34							
FILE NAME = C:\NEB I-80\CADD Drawings\DI60W34-shr-staging05_2A.dgn	DATE - 6/25/2020	REVISED -	SCALE: 1"= 50'			SHEET 3 OF 3 SHEETS		STA. 741+00 TO STA. 756+00		ILLINOIS FED. AID PROJECT		

MAINTENANCE OF TRAFFIC SIGNING

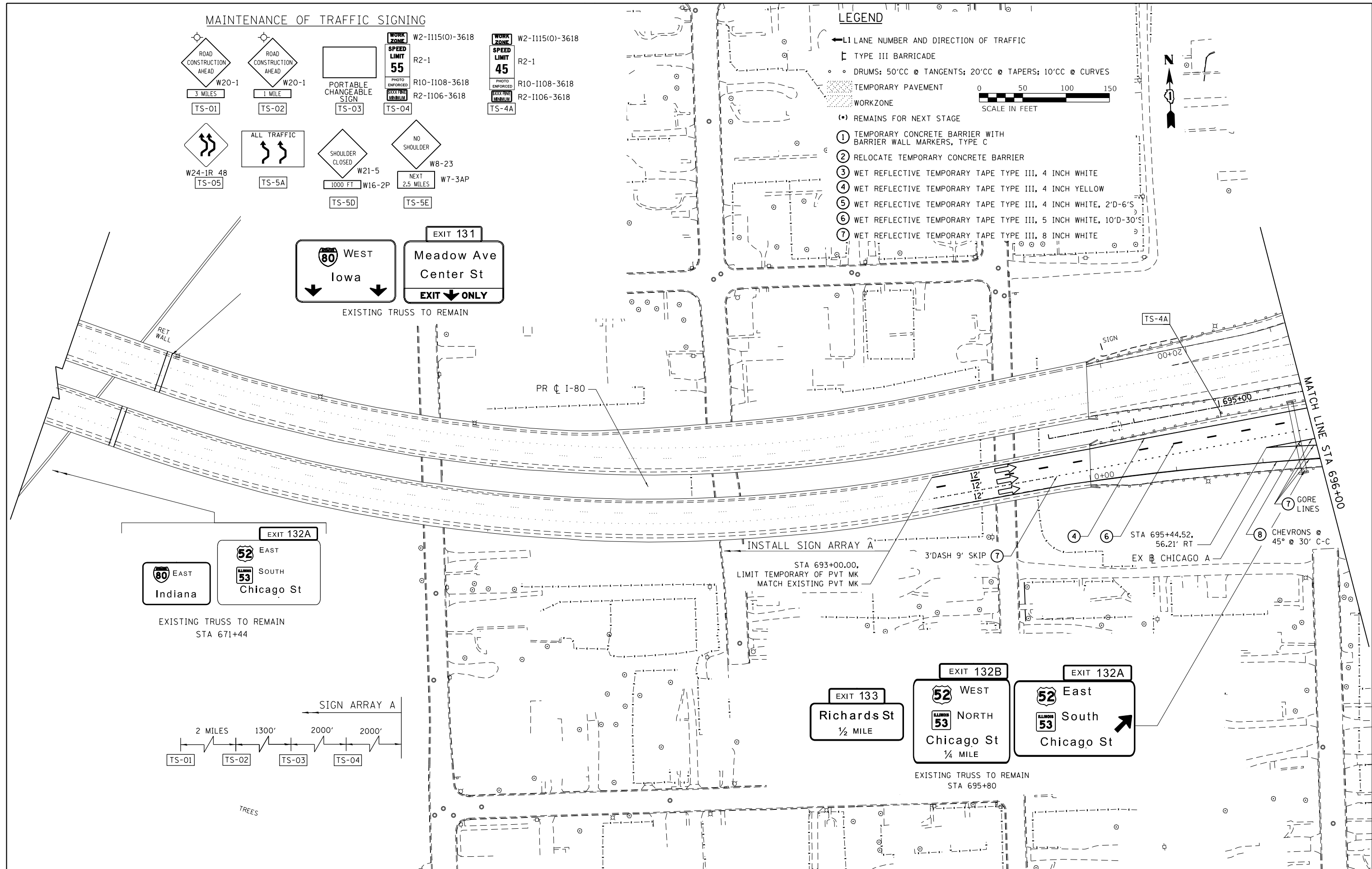
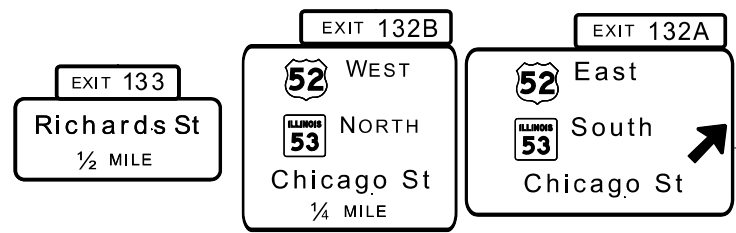


LEGEND

- ← L1 LANE NUMBER AND DIRECTION OF TRAFFIC
- [] TYPE III BARRICADE
- DRUMS: 50'CC @ TANGENTS; 20'CC @ TAPERS; 10'CC @ CURVES
- TEMPORARY PAVEMENT
- WORKZONE
- (•) REMAINS FOR NEXT STAGE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH WHITE
- ④ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH YELLOW
- ⑤ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH WHITE, 2'D-6'S
- ⑥ WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH WHITE, 10'D-30'S
- ⑦ WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH WHITE

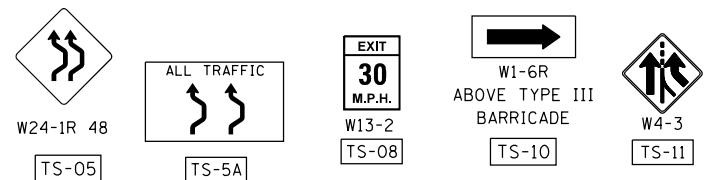


INSTALL SIGN ARRAY A
STA 693+00.00,
LIMIT TEMPORARY OF PVT MK
MATCH EXISTING PVT MK



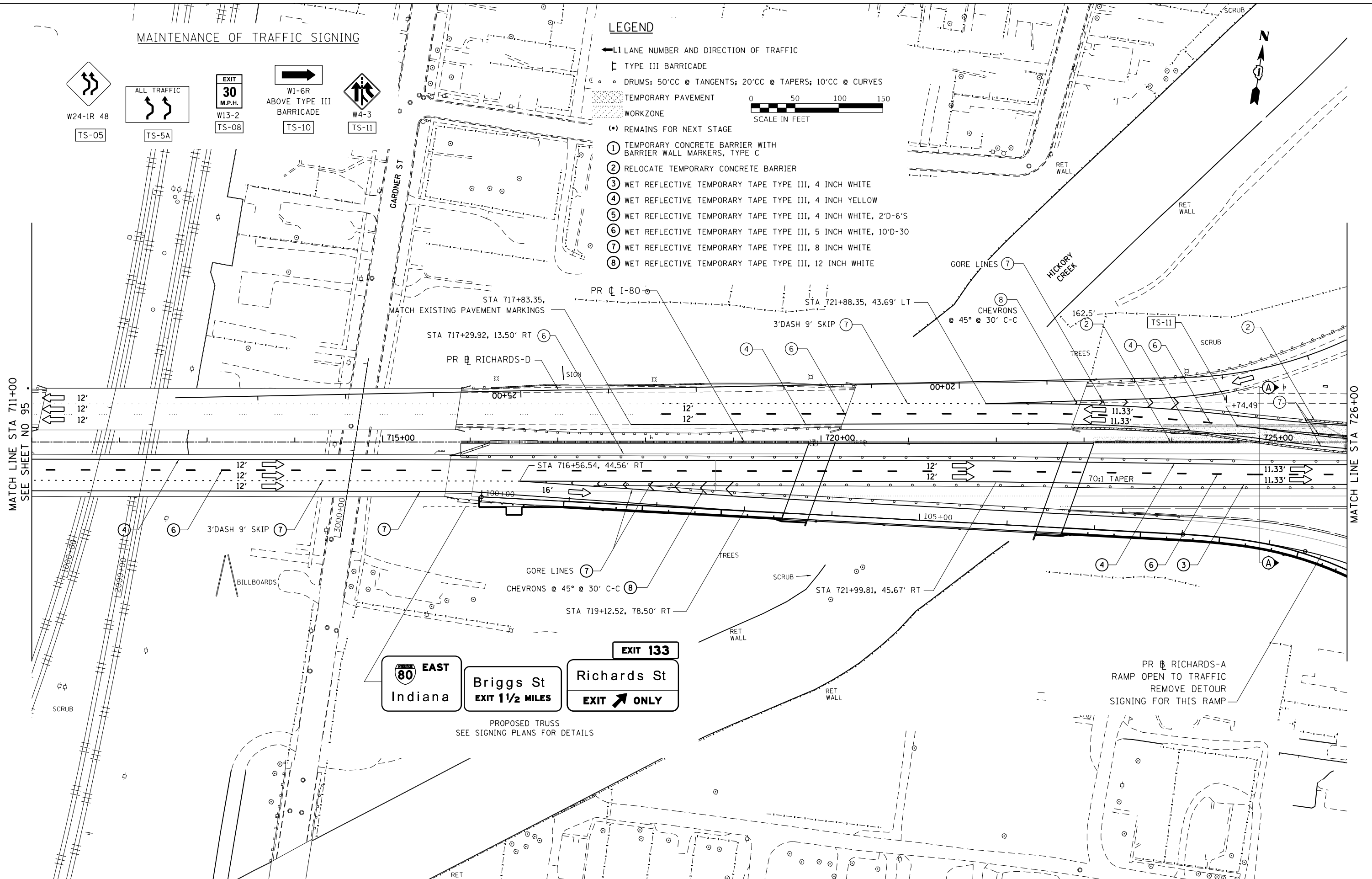
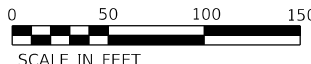
USER NAME = default	DESIGNED - RA	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EB I-80 FROM GARDNER STREET TO ROWELL AVENUE EB I-80 STAGE 3			F.A.I. RTE. 80	SECTION 2013-008B	COUNTY WILL	TOTAL SHEETS 511	SHEET NO. 104	
PLOT SCALE = #SCALE#	CHECKED - RR	REVISED -			SCALE: 1"= 50'	SHEET 1 OF 5 SHEETS	STA.	TO STA. 696+00	CONTRACT NO. 60W34				
PLOT DATE = 6/25/2020	DATE = 6/25/2020	REVISED -			ILLINOIS FED. AID PROJECT								

MAINTENANCE OF TRAFFIC SIGNING



LEGEND

- ← L1 LANE NUMBER AND DIRECTION OF TRAFFIC
- TYPE III BARRICADE
- DRUMS: 50'CC @ TANGENTS; 20'CC @ TAPERS; 10'CC @ CURVES
- ▨ TEMPORARY PAVEMENT
- ▩ WORKZONE
- (•) REMAINS FOR NEXT STAGE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH WHITE
- ④ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH YELLOW
- ⑤ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH WHITE, 2'D-6'S
- ⑥ WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH WHITE, 10'D-30
- ⑦ WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH WHITE
- ⑧ WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH WHITE



PROPOSED TRUSS
SEE SIGNING PLANS FOR DETAILS

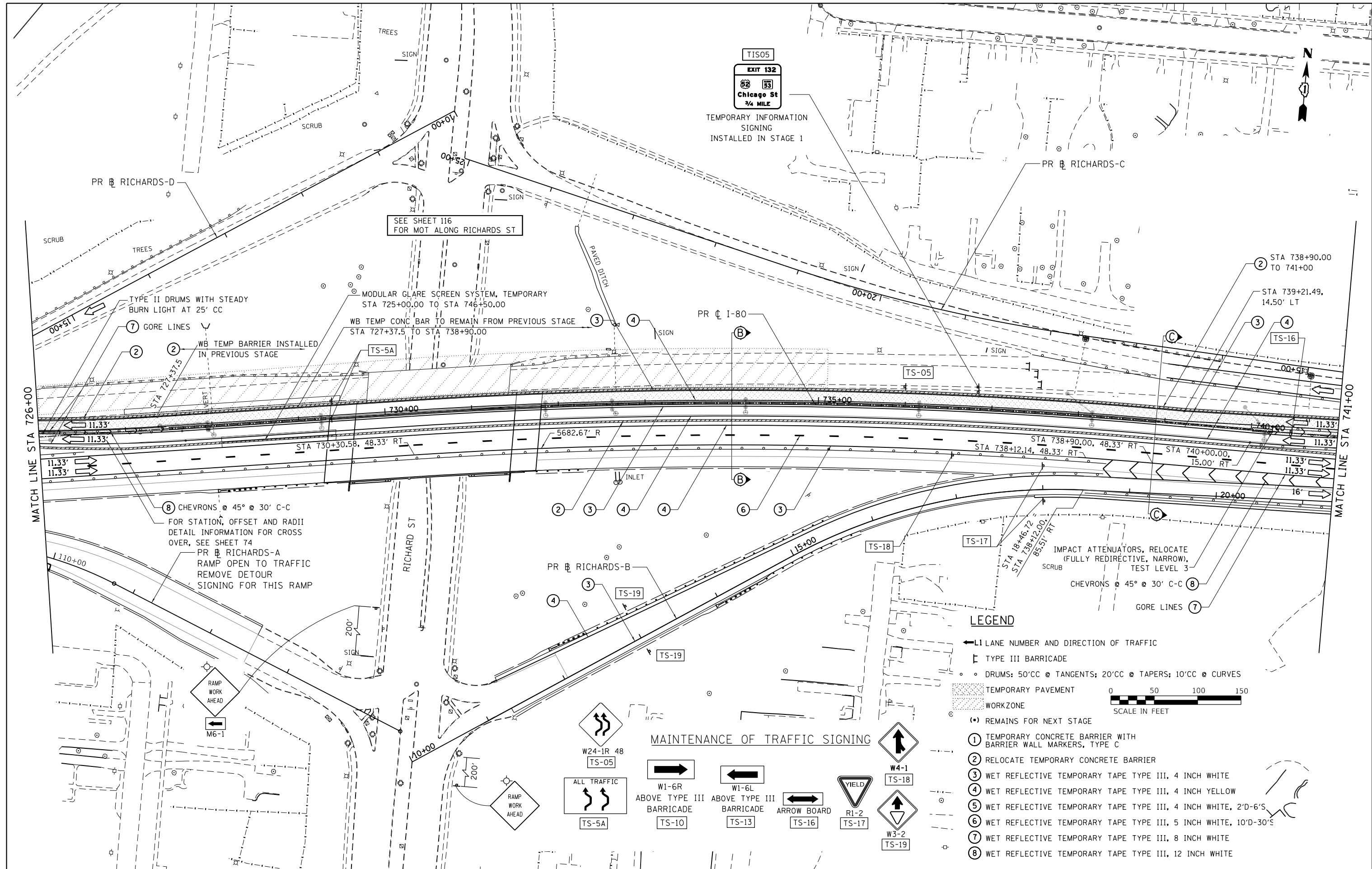
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PLOT DATE = 6/25/2020	CHECKED - RR	REVISED -
FILE NAME = C:\NEB I-80\CADD Drawings\DI60W34-sh1-staging03.3.dgn	DATE - 6/25/2020	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
EB I-80 STAGE 3
SCALE: 1"= 50' SHEET 3 OF 5 SHEETS STA. 711+00 TO STA. 726+00

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	106
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				



TIS05
 EXIT 132
 Chicago St
 3/4 MILE

TEMPORARY INFORMATION
 SIGNING
 INSTALLED IN STAGE 1

SEE SHEET 116
 FOR MOT ALONG RICHARDS ST

TYPE II DRUMS WITH STEADY
 BURN LIGHT AT 25' CC

MODULAR GLARE SCREEN SYSTEM, TEMPORARY
 STA 725+00.00 TO STA 746+50.00

WB TEMP CONC BAR TO REMAIN FROM PREVIOUS STAGE
 STA 727+37.5 TO STA 738+90.00

7 GORE LINES

2 WB TEMP BARRIER INSTALLED
 IN PREVIOUS STAGE

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

2

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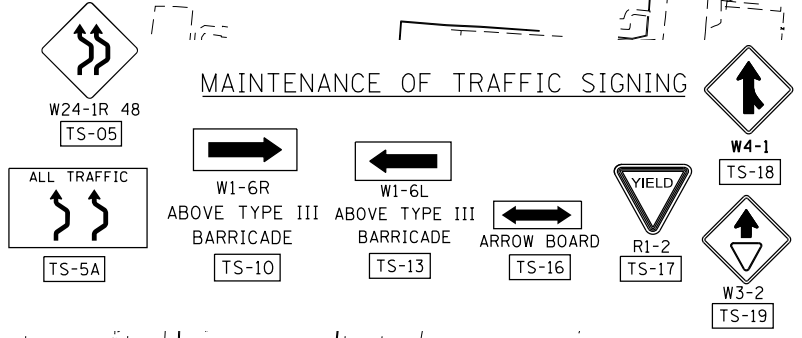
2

8 CHEVRONS @ 45° @ 30' C-C
 FOR STATION, OFFSET AND RADII
 DETAIL INFORMATION FOR CROSS
 OVER, SEE SHEET 74
 PR B RICHARDS-A
 RAMP OPEN TO TRAFFIC
 REMOVE DETOUR
 SIGNING FOR THIS RAMP

LEGEND

- ← L1 LANE NUMBER AND DIRECTION OF TRAFFIC
- ▬ TYPE III BARRICADE
- DRUMS: 50'CC @ TANGENTS; 20'CC @ TAPERS; 10'CC @ CURVES
- ▨ TEMPORARY PAVEMENT
- ▨ WORKZONE
- (*) REMAINS FOR NEXT STAGE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH WHITE
- ④ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH YELLOW
- ⑤ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH WHITE, 2'D-6'S
- ⑥ WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH WHITE, 10'D-30'S
- ⑦ WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH WHITE
- ⑧ WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH WHITE

MAINTENANCE OF TRAFFIC SIGNING



USER NAME = default	DESIGNED - RA	REVISED -
	DRAWN - RA	REVISED -
PLOT SCALE = #SCALE#	CHECKED - RR	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -
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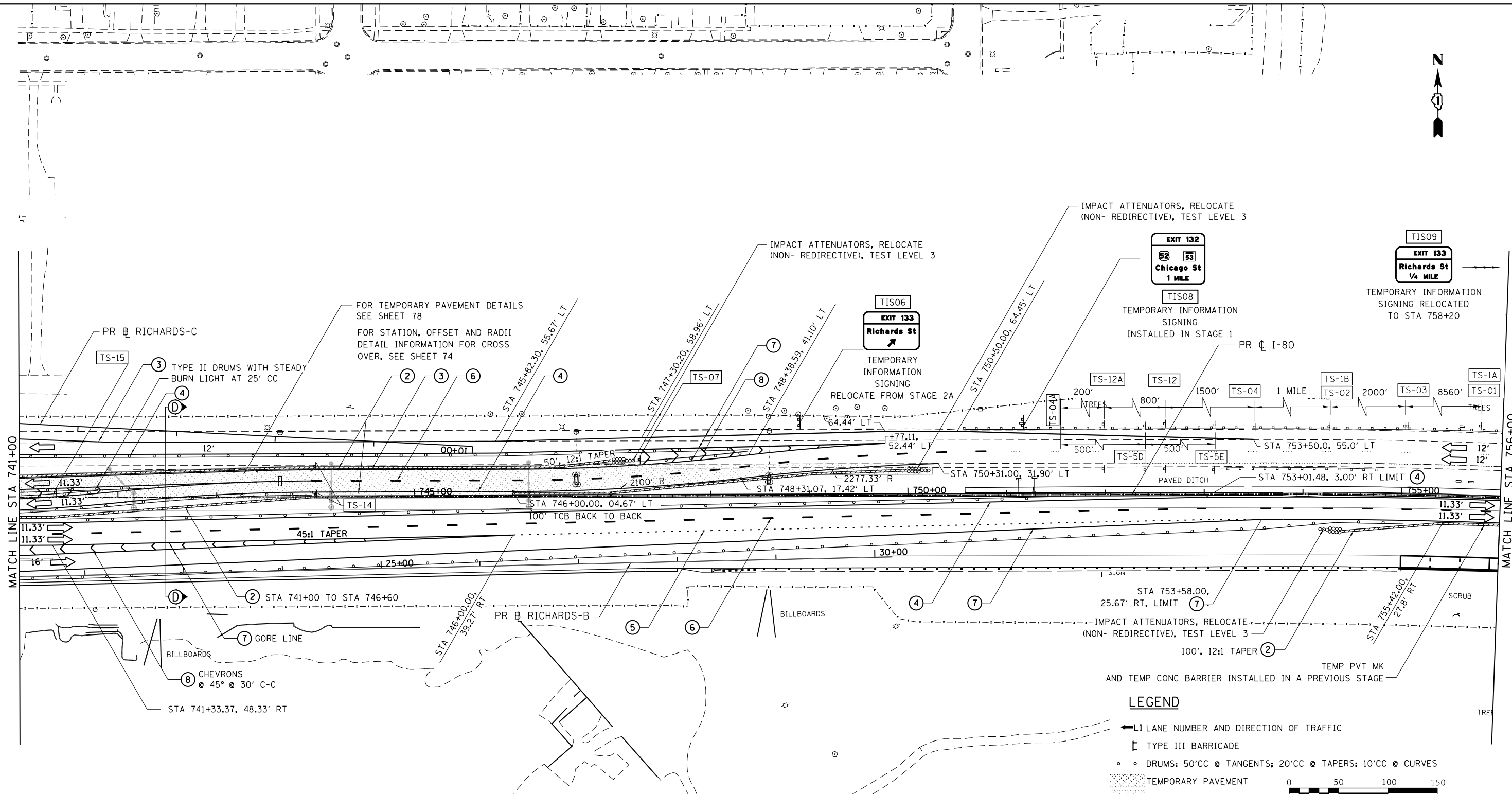


STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
 EB I-80 STAGE 3

SCALE: 1" = 50' SHEET 4 OF 5 SHEETS STA. 726+00 TO STA. 741+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	107
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

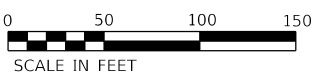


MATCH LINE STA 741+00

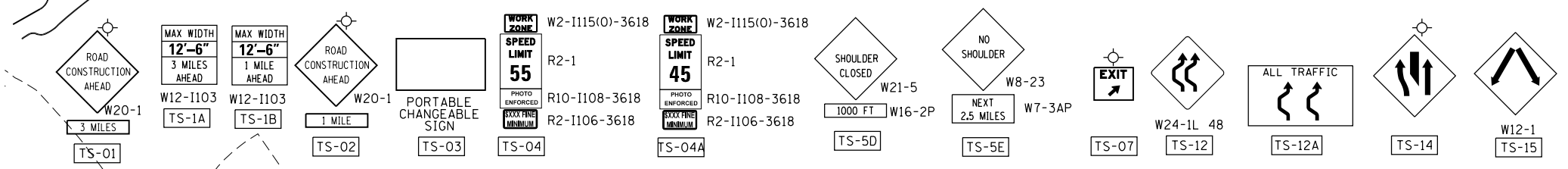
MATCH LINE STA 756+00
SEE SHEET NO 99

LEGEND

- ← L1 LANE NUMBER AND DIRECTION OF TRAFFIC
- ▬ TYPE III BARRICADE
- • DRUMS: 50'CC @ TANGENTS; 20'CC @ TAPERS; 10'CC @ CURVES
- ▨ TEMPORARY PAVEMENT
- ▨ WORKZONE
- (•) REMAINS FOR NEXT STAGE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH WHITE
- ④ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH YELLOW
- ⑤ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH WHITE, 2'D-6'S
- ⑥ WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH WHITE, 10'D-30'
- ⑦ WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH WHITE
- ⑧ WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH WHITE



MAINTENANCE OF TRAFFIC SIGNING



USER NAME = default	DESIGNED - RA	REVISED -
	DRAWN - RA	REVISED -
PLOT SCALE = #SCALE#	CHECKED - RR	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

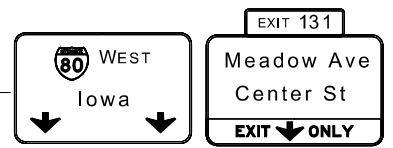
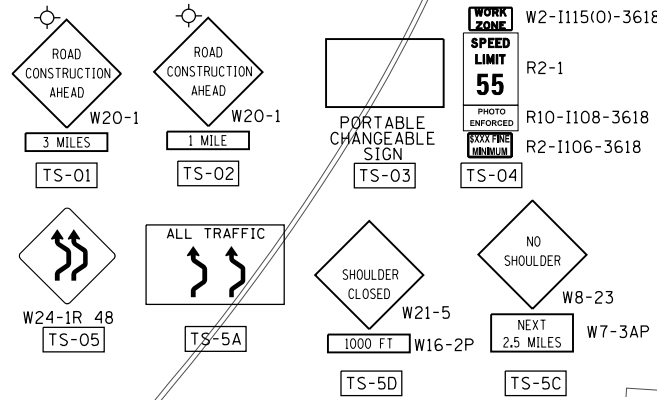
EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
EB I-80 STAGE 3

SCALE: 1"= 50' SHEET 5 OF 5 SHEETS STA. 741+00 TO STA. 756+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	108
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

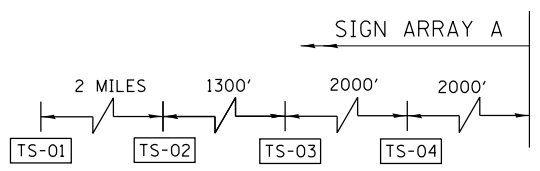
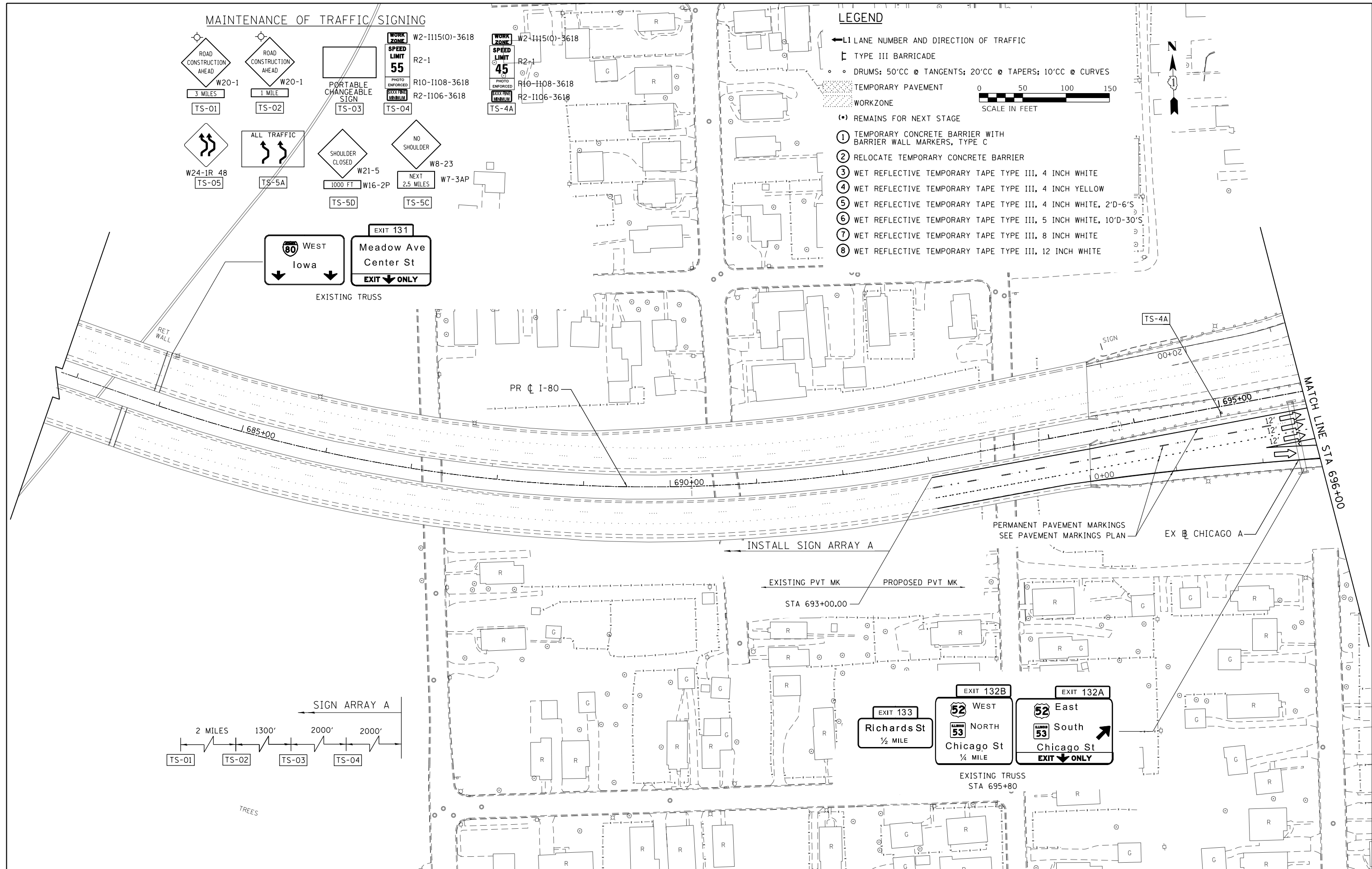
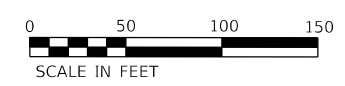
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MAINTENANCE OF TRAFFIC SIGNING



LEGEND

- ← L1 LANE NUMBER AND DIRECTION OF TRAFFIC
- ▬ TYPE III BARRICADE
- DRUMS: 50'CC @ TANGENTS; 20'CC @ TAPERS; 10'CC @ CURVES
- ▨ TEMPORARY PAVEMENT
- ▭ WORKZONE
- (•) REMAINS FOR NEXT STAGE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH WHITE
- ④ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH YELLOW
- ⑤ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH WHITE, 2'D-6'S
- ⑥ WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH WHITE, 10'D-30'S
- ⑦ WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH WHITE
- ⑧ WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH WHITE



USER NAME = default	DESIGNED - RA	REVISED -
	DRAWN - RA	REVISED -
PLOT SCALE = #SCALE#	CHECKED - RR	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
EB I-80 STAGE 4

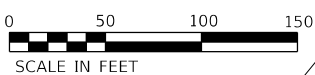
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	109
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

FILE NAME = C:\NEB I-80\CADD Drawings\DI60W34-sh-t-staging01_4.dgn

SCALE: 1"= 50' SHEET 1 OF 7 SHEETS STA. TO STA. 696+00

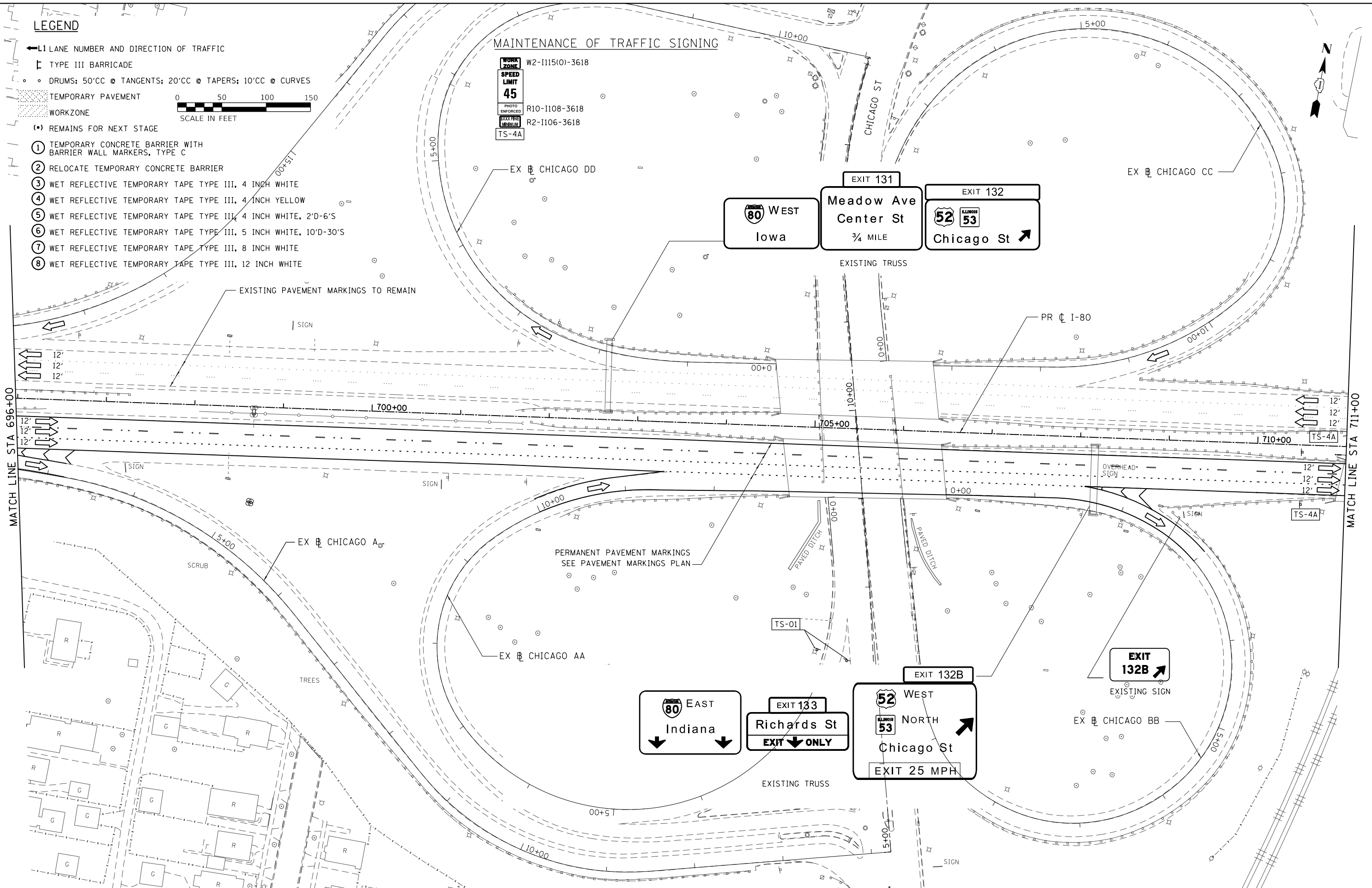
LEGEND

- ← L1 LANE NUMBER AND DIRECTION OF TRAFFIC
- ▬ TYPE III BARRICADE
- DRUMS: 50'CC @ TANGENTS; 20'CC @ TAPERS; 10'CC @ CURVES
- TEMPORARY PAVEMENT
- WORKZONE
- REMAINS FOR NEXT STAGE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH WHITE
- ④ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH YELLOW
- ⑤ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH WHITE, 2'D-6'S
- ⑥ WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH WHITE, 10'D-30'S
- ⑦ WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH WHITE
- ⑧ WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH WHITE



MAINTENANCE OF TRAFFIC SIGNING

WORK ZONE W2-I115(O)-3618
 SPEED LIMIT 45
 PHOTO ENFORCED R10-I108-3618
 EXISTING SIGN R2-I106-3618
 TS-4A



USER NAME = default	DESIGNED - RA	REVISED -
	DRAWN - RA	REVISED -
PLOT SCALE = #SCALE#	CHECKED - RR	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
EB I-80 STAGE 4**

SCALE: 1" = 50' SHEET 2 OF 7 SHEETS STA. 696+00 TO STA. 711+00

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	110
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

FILE NAME = C:\NEB I-80\CADD Drawings\DI60W34-sh4-staging02.4.dgn

LEGEND

- ← L1 LANE NUMBER AND DIRECTION OF TRAFFIC
- ⊞ TYPE III BARRICADE
- DRUMS: 50'CC @ TANGENTS; 20'CC @ TAPERS; 10'CC @ CURVES
- ▨ TEMPORARY PAVEMENT
- ▩ WORKZONE
- (•) REMAINS FOR NEXT STAGE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH WHITE
- ④ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH YELLOW
- ⑤ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH WHITE, 2'D-6'S^{LL}
- ⑥ WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH WHITE, 10'D-30'S
- ⑦ WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH WHITE
- ⑧ WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH WHITE



MAINTENANCE OF TRAFFIC SIGNING

END
WORK ZONE
SPEED LIMIT
G20
TS-09

STA 717+83.35,
MATCH EXISTING PAVEMENT MARKINGS

EXISTING PAVEMENT
MARKINGS TO REMAIN

TS-09 BOTH SIDES
OF ROADWAY
SIGN

PR ⌀ I-80

3'DASH 9' SKIP

STA 723+00.00, 51.60' LT

STA 723+00.0, 6.0' RT

50', 12:1 TAPER

55:1 TAPER

PR ⌀ RICHARDS-D

MATCH LINE STA 711+00

MATCH LINE STA 726+00

PERMANENT PAVEMENT MARKINGS
SEE PAVEMENT MARKINGS PLAN

80 EAST
Indiana

EXIT 1 1/2 MILES
Briggs St

EXIT 133
Richards St
EXIT ONLY

PROPOSED TRUSS
SEE SIGNING PLANS FOR DETAILS

ROAD
CONSTRUCTION
AHEAD
W20-1

SHOULDER
CLOSED
AHEAD

IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3

HICKORY
CREEK

FOR PERMANENT SIGNING AND PAVEMENT MARKINGS,
SEE PAVEMENT MARKINGS AND SIGNING PLANS

EXIT 133

PROPOSED SIGN
SEE SIGNING PLANS FOR DETAILS

USER NAME = default	DESIGNED - RA	REVISED -
	DRAWN - RA	REVISED -
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PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -

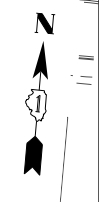


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

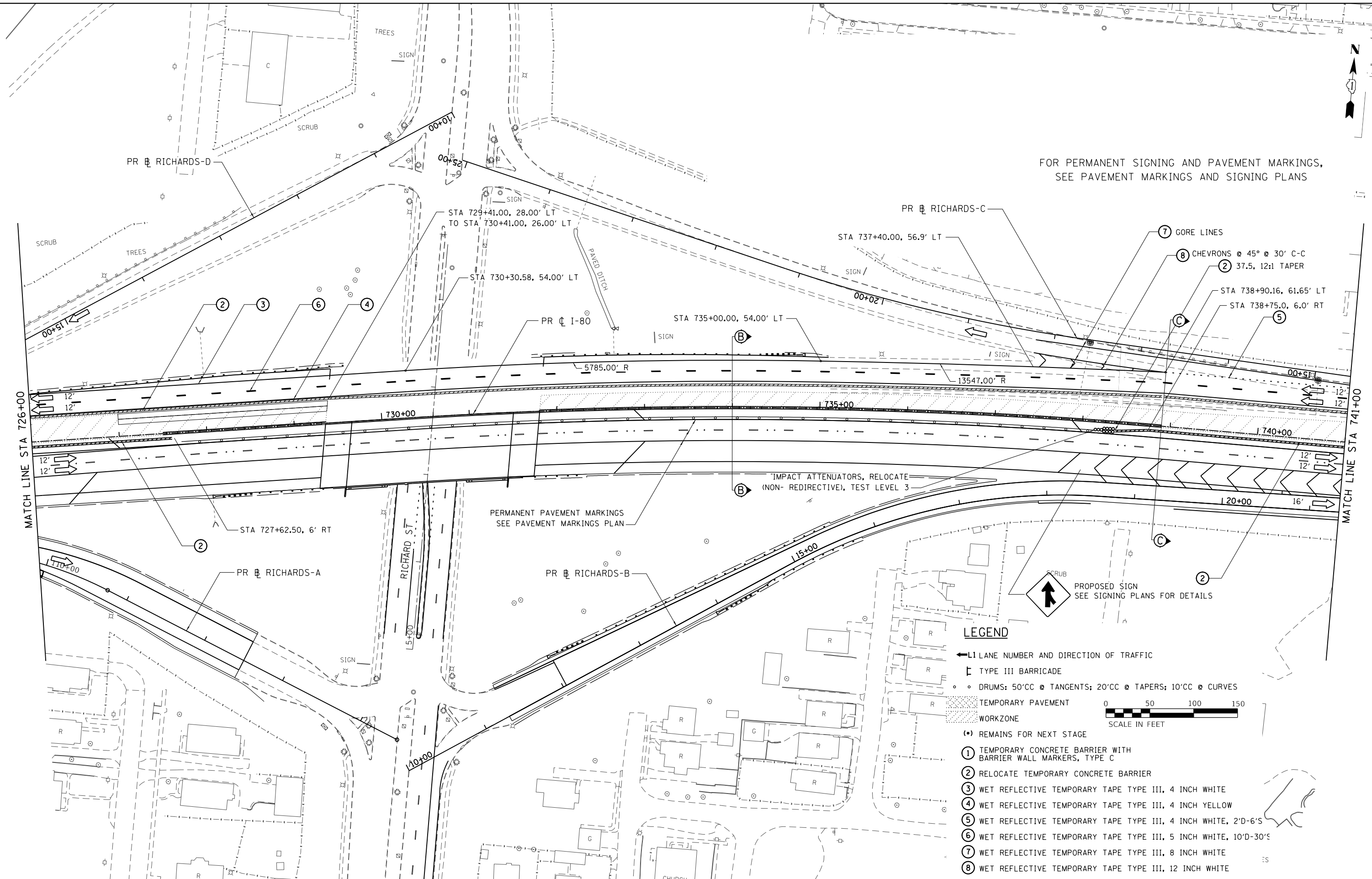
EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
EB I-80 STAGE 4

SCALE: 1"= 50' SHEET 3 OF 7 SHEETS STA. 711+00 TO STA. 726+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	111
CONTRACT NO. 60W34			ILLINOIS FED. AID PROJECT	



FOR PERMANENT SIGNING AND PAVEMENT MARKINGS,
SEE PAVEMENT MARKINGS AND SIGNING PLANS



USER NAME = default	DESIGNED - RA	REVISED -
	DRAWN - RA	REVISED -
PLOT SCALE = #SCALE#	CHECKED - RR	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

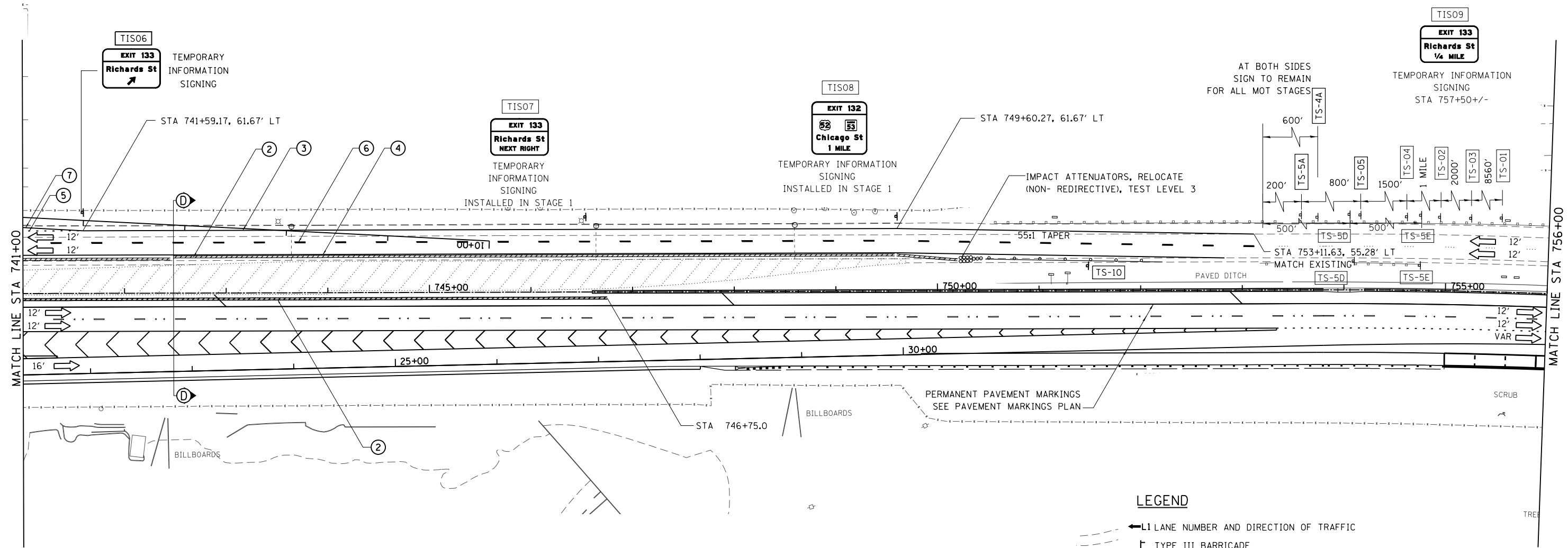
**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
EB I-80 STAGE 4**

SCALE: 1"= 50' SHEET 4 OF 7 SHEETS STA. 726+00 TO STA. 741+00

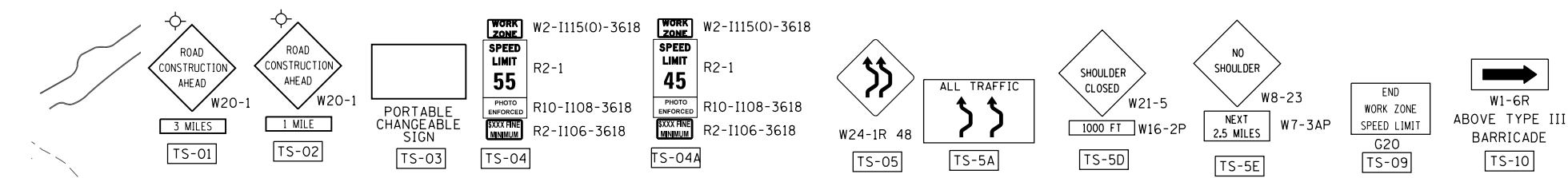
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	112
CONTRACT NO. 60W34			ILLINOIS FED. AID PROJECT	



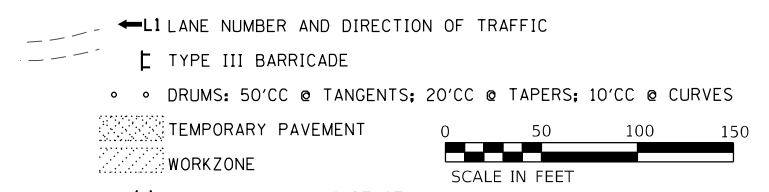
FOR PERMANENT SIGNING AND PAVEMENT MARKINGS,
SEE PAVEMENT MARKINGS AND SIGNING PLANS



MAINTENANCE OF TRAFFIC SIGNING



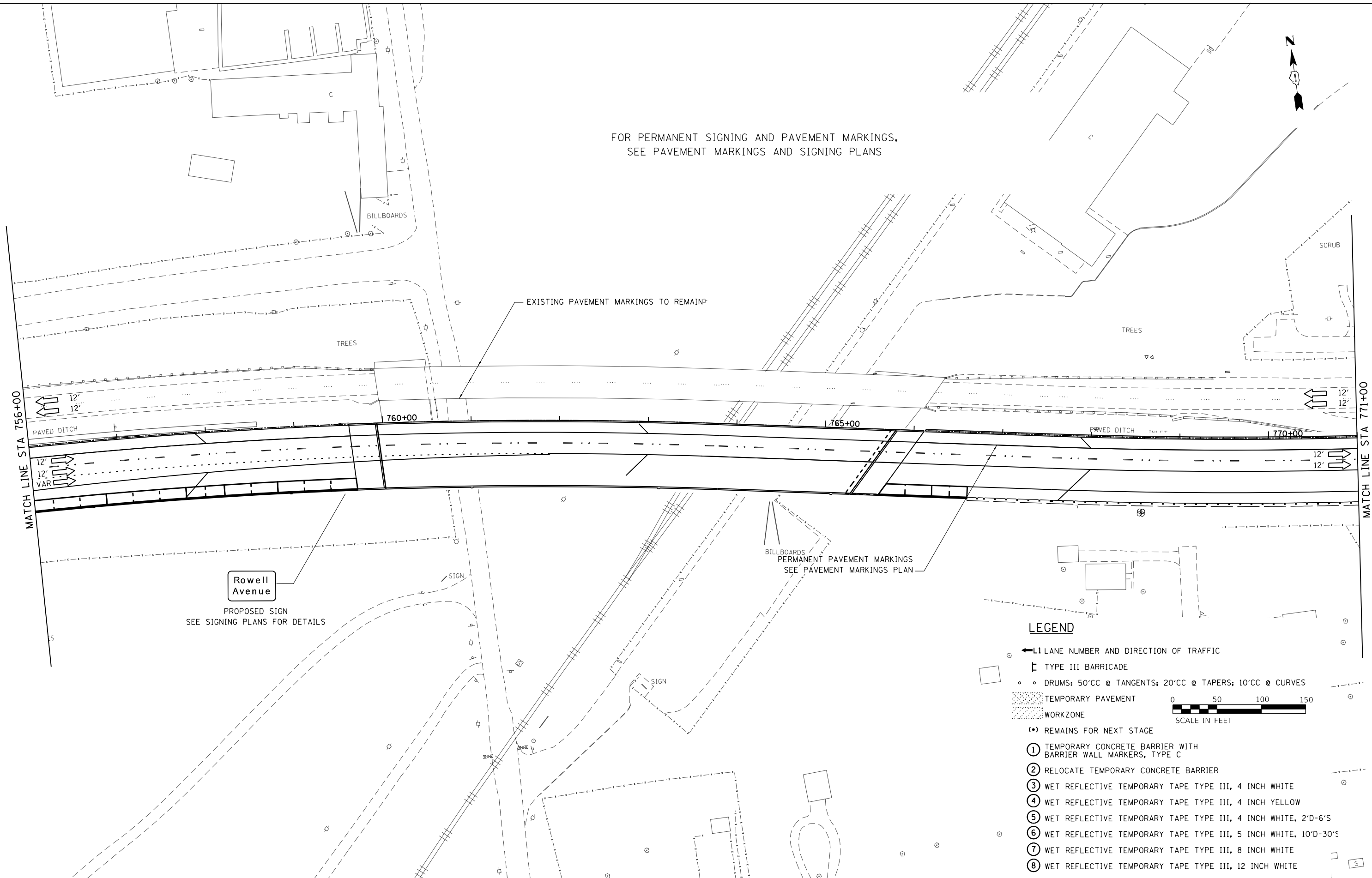
LEGEND



- (•) REMAINS FOR NEXT STAGE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH WHITE
- ④ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH YELLOW
- ⑤ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH WHITE, 2'D-6'S
- ⑥ WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH WHITE, 10'D-30'
- ⑦ WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH WHITE
- ⑧ WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH WHITE

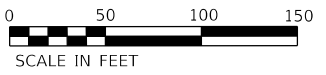
USER NAME = default	DESIGNED - RA	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EB I-80 FROM GARDNER STREET TO ROWELL AVENUE			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
PLOT SCALE = #SCALE#	DRAWN - RA	REVISED -			80	2013-008B	WILL	511	113				
PLOT DATE = 6/25/2020	CHECKED - RR	REVISED -			CONTRACT NO. 60W34								
FILE NAME = C:\NEB I-80\CADD Drawings\DI60W34-sh1-staging05.4.dgn	DATE - 6/25/2020	REVISED -	SCALE: 1"= 50'			SHEET 5 OF 7 SHEETS			STA. 741+00 TO STA. 756+00			ILLINOIS FED. AID PROJECT	

FOR PERMANENT SIGNING AND PAVEMENT MARKINGS,
SEE PAVEMENT MARKINGS AND SIGNING PLANS



LEGEND

- ← L1 LANE NUMBER AND DIRECTION OF TRAFFIC
- ▬ TYPE III BARRICADE
- DRUMS: 50'CC @ TANGENTS; 20'CC @ TAPERS; 10'CC @ CURVES
- ▨ TEMPORARY PAVEMENT
- ▨ WORKZONE
- (•) REMAINS FOR NEXT STAGE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH WHITE
- ④ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH YELLOW
- ⑤ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH WHITE, 2'D-6'S
- ⑥ WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH WHITE, 10'D-30'S
- ⑦ WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH WHITE
- ⑧ WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH WHITE



USER NAME = default	DESIGNED - RA	REVISED -
	DRAWN - RA	REVISED -
PLOT SCALE = #SCALE#	CHECKED - RR	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
EB I-80 STAGE 4**

SCALE: 1" = 50' SHEET 6 OF 7 SHEETS STA. 756+00 TO STA. 771+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	114
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

FILE NAME = C:\NEB I-80\CADD Drawings\DI60W34-sh4-staging06.4.dgn

LEGEND

← L1 LANE NUMBER AND DIRECTION OF TRAFFIC

▬ TYPE III BARRICADE

○ DRUMS; 50'CC @ TANGENTS; 20'CC @ TAPERS; 10'CC @ CURVES

▨ TEMPORARY PAVEMENT

▨ WORKZONE



(*) REMAINS FOR NEXT STAGE

① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C

② RELOCATE TEMPORARY CONCRETE BARRIER

③ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH WHITE

④ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH YELLOW

⑤ WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH WHITE, 2'D-6'S

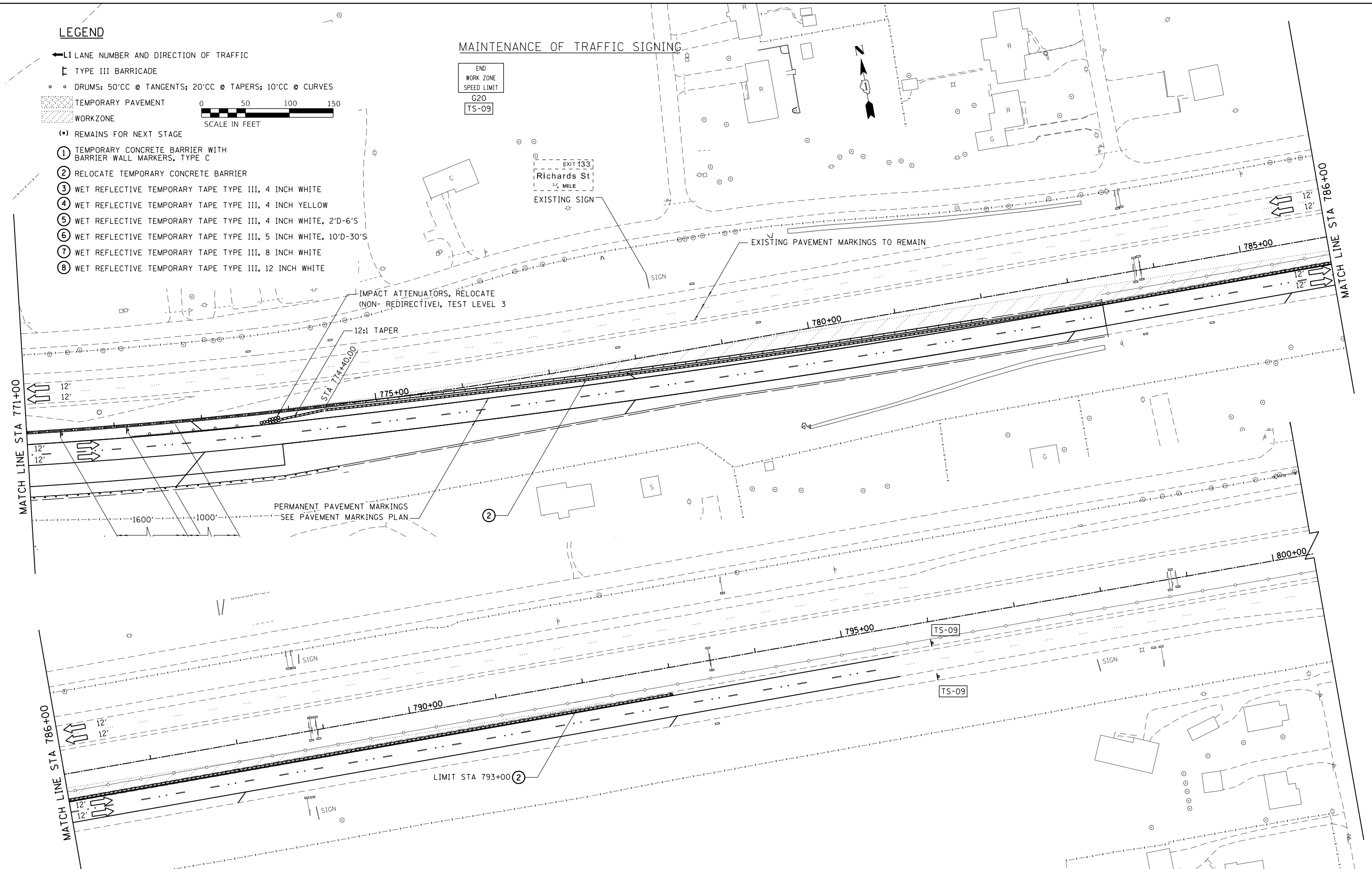
⑥ WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH WHITE, 10'D-30'S

⑦ WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH WHITE

⑧ WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH WHITE

MAINTENANCE OF TRAFFIC SIGNING

END
WORK ZONE
SPEED LIMIT
G20
TS-09



USER NAME = default	DESIGNED - RA	REVISED -
	DRAWN - RA	REVISED -
PLOT SCALE = #SCALE#	CHECKED - RR	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



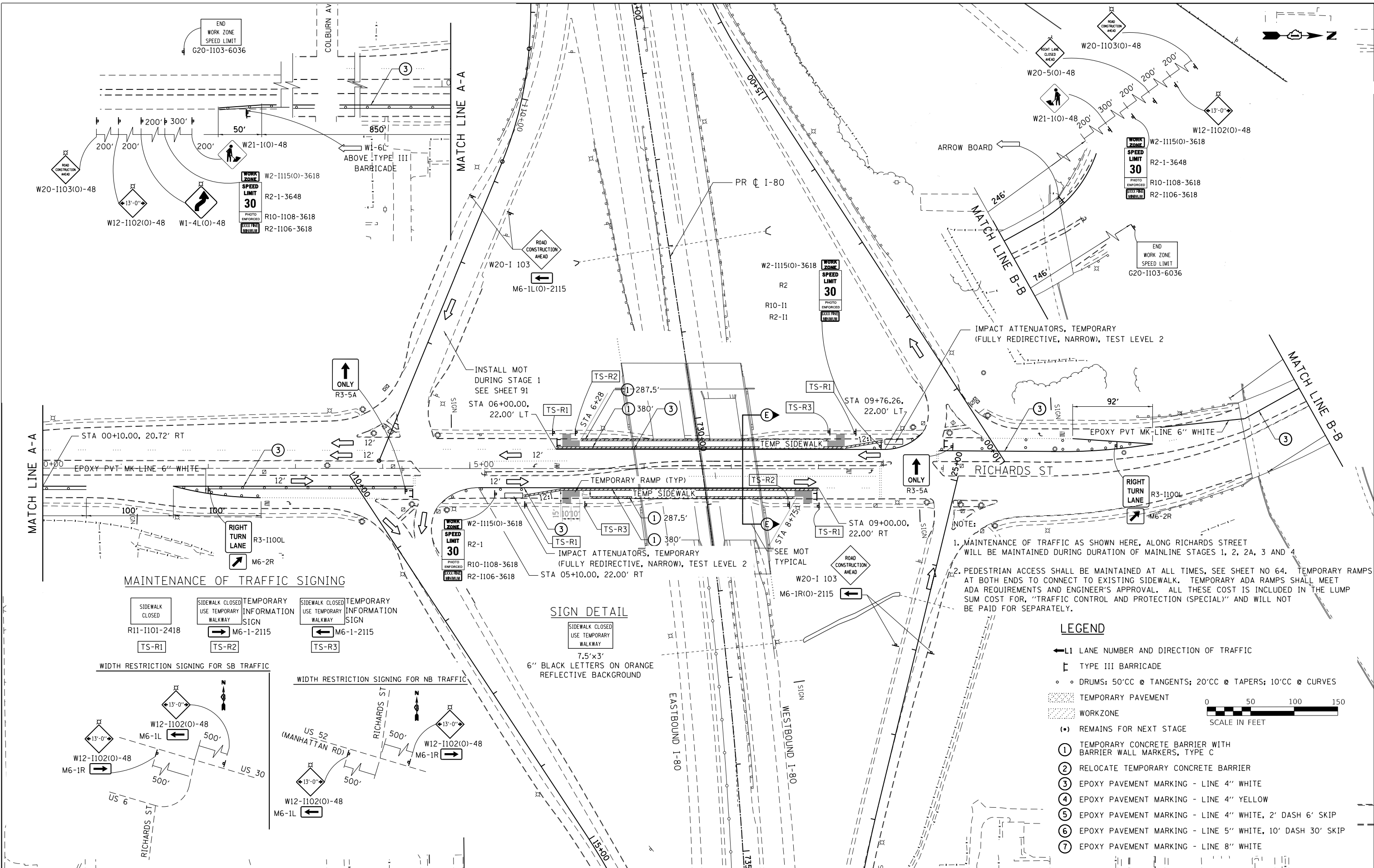
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
EB I-80 STAGE 4**

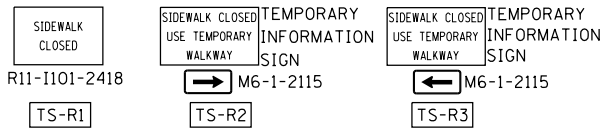
SCALE: 1"= 50' SHEET 7 OF 7 SHEETS STA. 771+00 TO STA.

F.A.I R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	115
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

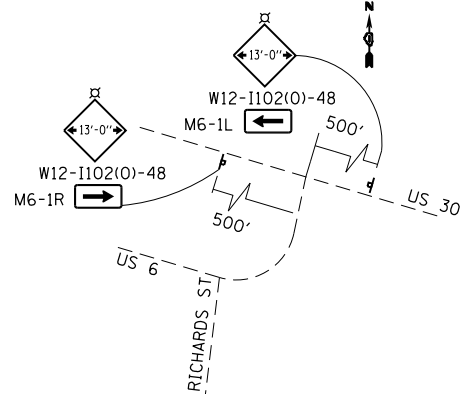
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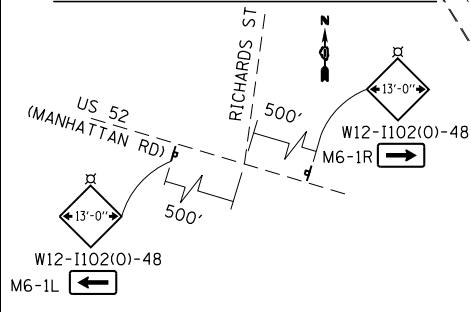
MAINTENANCE OF TRAFFIC SIGNING



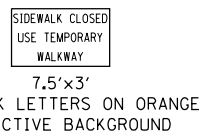
WIDTH RESTRICTION SIGNING FOR SB TRAFFIC



WIDTH RESTRICTION SIGNING FOR NB TRAFFIC



SIGN DETAIL



- NOTE:**
1. MAINTENANCE OF TRAFFIC AS SHOWN HERE, ALONG RICHARDS STREET WILL BE MAINTAINED DURING DURATION OF MAINLINE STAGES 1, 2, 2A, 3 AND 4
 2. PEDESTRIAN ACCESS SHALL BE MAINTAINED AT ALL TIMES, SEE SHEET NO 64. TEMPORARY RAMPS AT BOTH ENDS TO CONNECT TO EXISTING SIDEWALK. TEMPORARY ADA RAMPS SHALL MEET ADA REQUIREMENTS AND ENGINEER'S APPROVAL. ALL THESE COST IS INCLUDED IN THE LUMP SUM COST FOR, "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY.

LEGEND

- ← L1 LANE NUMBER AND DIRECTION OF TRAFFIC
- ⊥ TYPE III BARRICADE
- • DRUMS: 50'CC @ TANGENTS; 20'CC @ TAPERS; 10'CC @ CURVES
- TEMPORARY PAVEMENT
- WORKZONE
- (•) REMAINS FOR NEXT STAGE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ EPOXY PAVEMENT MARKING - LINE 4" WHITE
- ④ EPOXY PAVEMENT MARKING - LINE 4" YELLOW
- ⑤ EPOXY PAVEMENT MARKING - LINE 4" WHITE, 2' DASH 6' SKIP
- ⑥ EPOXY PAVEMENT MARKING - LINE 5" WHITE, 10' DASH 30' SKIP
- ⑦ EPOXY PAVEMENT MARKING - LINE 8" WHITE

USER NAME = default	DESIGNED - RA	REVISED -
	DRAWN - RA	REVISED -
PLOT SCALE = #SCALE#	CHECKED - RR	REVISED -
PLOT DATE = 6/26/2020	DATE = 6/25/2020	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
RICHARDS ST UNDER I-80 STAGE 1**

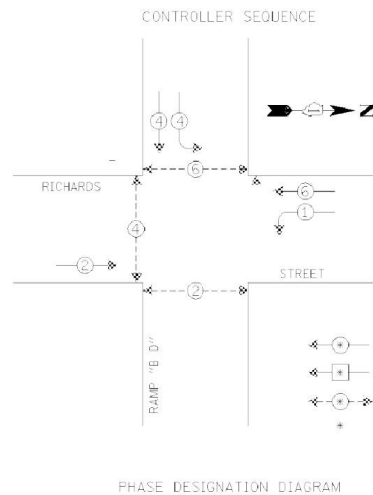
SCALE: 1" = 50' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	116

CONTRACT NO. 60W34
ILLINOIS FED. AID PROJECT

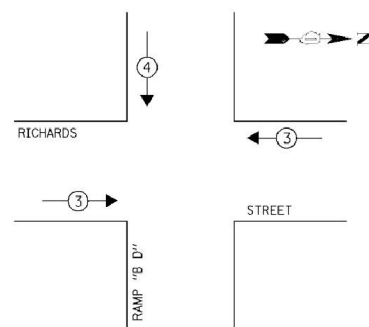
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F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		WILL	43	33
STA.	TO STA.			
FED. ROAD DISTRICT	ILLINOIS	FED. AID PROJECT		



- LEGEND**
- ◀ (1) ▶ DUAL ENTRY PHASE
 - ◀ (1) ▶ SINGLE ENTRY PHASE
 - ◀ (1) ▶ PEDESTRIAN PHASE
 - NUMBER REFERS TO ASSOCIATED PHASE

EMERGENCY VEHICLE PREEMPTION SEQUENCE



PROPOSED EMERGENCY VEHICLE PREEMPTORS		
EMERGENCY VEHICLE PREEMPTOR	3	4
MOVEMENT	←	↓

FOR INFORMATION ONLY EXCEPT AS NOTED

ITEM	UNIT	QUANTITY
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL NO. 14 3C	FOOT	236
LIGHT DETECTOR	EACH	2
LIGHT DETECTOR AMPLIFIER	EACH	1
MODIFY EXISTING CONTROLLER CABINET	EACH	1
ELECTRIC CABLE IN CONDUIT, SIGNAL, NO. 20 3/C, TWISTED, SHIELDED	FOOT	236

ITEM	UNIT	TOTAL
TEMPORARY TRAFFIC SIGNAL INSTALLATION (SPECIAL)	L SUM	1
MAINTENANCE OF EXISTING TRAFFIC SIGNAL INSTALLATION	EACH	1
TEMPORARY TRAFFIC SIGNAL TIMING	EACH	1

NOTE: ITEMS IDENTIFIED IN THE DASHED BOX ARE WORK ITEMS TO BE PERFORMED AT THIS INTERSECTION. THIS WILL BE IN PLACE DURING STAGE 2 AND 2A

THE EMERGENCY VEHICLE PREEMPTION EQUIPMENT FOR THIS PROJECT SHALL BE "GTT OPTICOM" TO MATCH THE EXISTING SYSTEM AND MUNICIPAL REQUIREMENTS.

RESTORATION OF WORK AREA, RESTORATION OF THE TRAFFIC SIGNAL WORK AREA SHALL BE INCLUDED IN THE COST FOR THE RELATED PAY ITEM SUCH AS FOUNDATION, CONDUIT, HANDHOLE, TRENCH AND BACKFILL ETC., AND NO EXTRA COMPENSATION SHALL BE ALLOWED. ALL ROADWAY SURFACES SUCH AS SHOULDERS, MEDIANS, SIDEWALKS, PAVEMENT, ETC. SHALL BE REPLACED IN KIND. ALL DAMAGE TO MOWED LAWNS SHALL BE REPLACED WITH AN APPROVED SOD, AND ALL DAMAGE TO UNMOWED FIELDS SHALL BE SEEDED IN ACCORDANCE WITH STANDARD SPECIFICATIONS 252 AND 250 RESPECTIVELY.

REVISIONS	NAME	DATE
1	CBBEL	2/16/2012

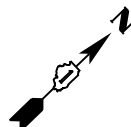
INSTALLATION OF EMERGENCY VEHICLE PREEMPTION

CHRISTOPHER B. BURKE ENGINEERING LTD.
 5575 West Higgins Road, Suite 600
 Rosemont, Illinois 60018
 (847) 823-0500

CITY OF JOLIET
 SCHEDULE OF QUANTITIES, CABLE PLAN,
 PHASE DESIGNATION DIAGRAM AND
 EMERGENCY VEHICLE PREEMPTION SEQUENCE
 RICHARDS STREET AND I-80 WEST RAMP

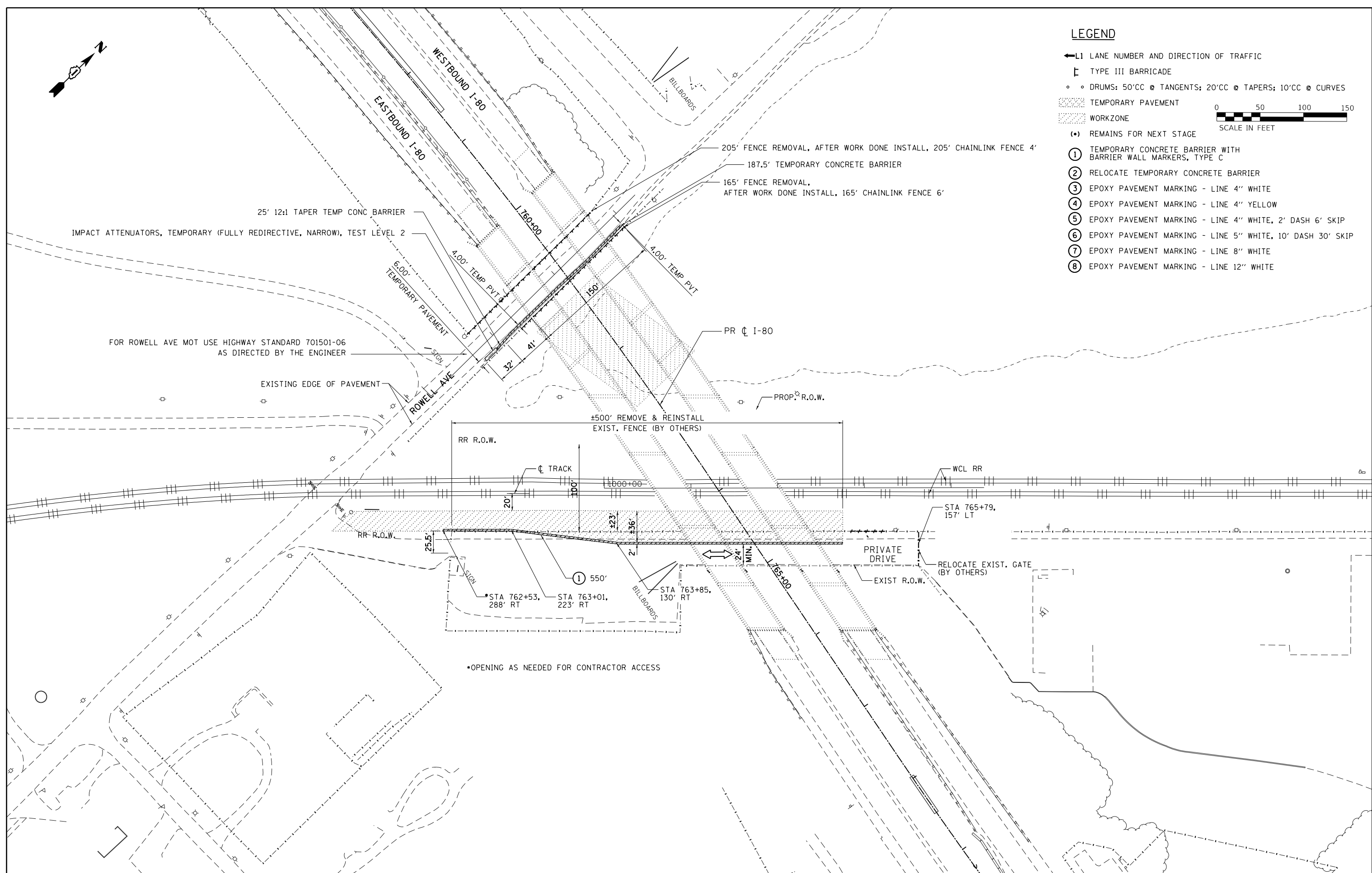
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 DATE: 2/16/2012

DRAWN BY: FCP
 CHECK BY: WCE



LEGEND

- ← L1 LANE NUMBER AND DIRECTION OF TRAFFIC
- ⊞ TYPE III BARRICADE
- ○ DRUMS: 50'CC @ TANGENTS; 20'CC @ TAPERS; 10'CC @ CURVES
- ▨ TEMPORARY PAVEMENT
- ▨ WORKZONE
- ① REMAINS FOR NEXT STAGE
- ① TEMPORARY CONCRETE BARRIER WITH BARRIER WALL MARKERS, TYPE C
- ② RELOCATE TEMPORARY CONCRETE BARRIER
- ③ EPOXY PAVEMENT MARKING - LINE 4" WHITE
- ④ EPOXY PAVEMENT MARKING - LINE 4" YELLOW
- ⑤ EPOXY PAVEMENT MARKING - LINE 4" WHITE, 2' DASH 6' SKIP
- ⑥ EPOXY PAVEMENT MARKING - LINE 5" WHITE, 10' DASH 30' SKIP
- ⑦ EPOXY PAVEMENT MARKING - LINE 8" WHITE
- ⑧ EPOXY PAVEMENT MARKING - LINE 12" WHITE



USER NAME = default	DESIGNED - RA	REVISED -
	DRAWN - LAM	REVISED -
PLOT SCALE = #SCALE#	CHECKED - RR	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

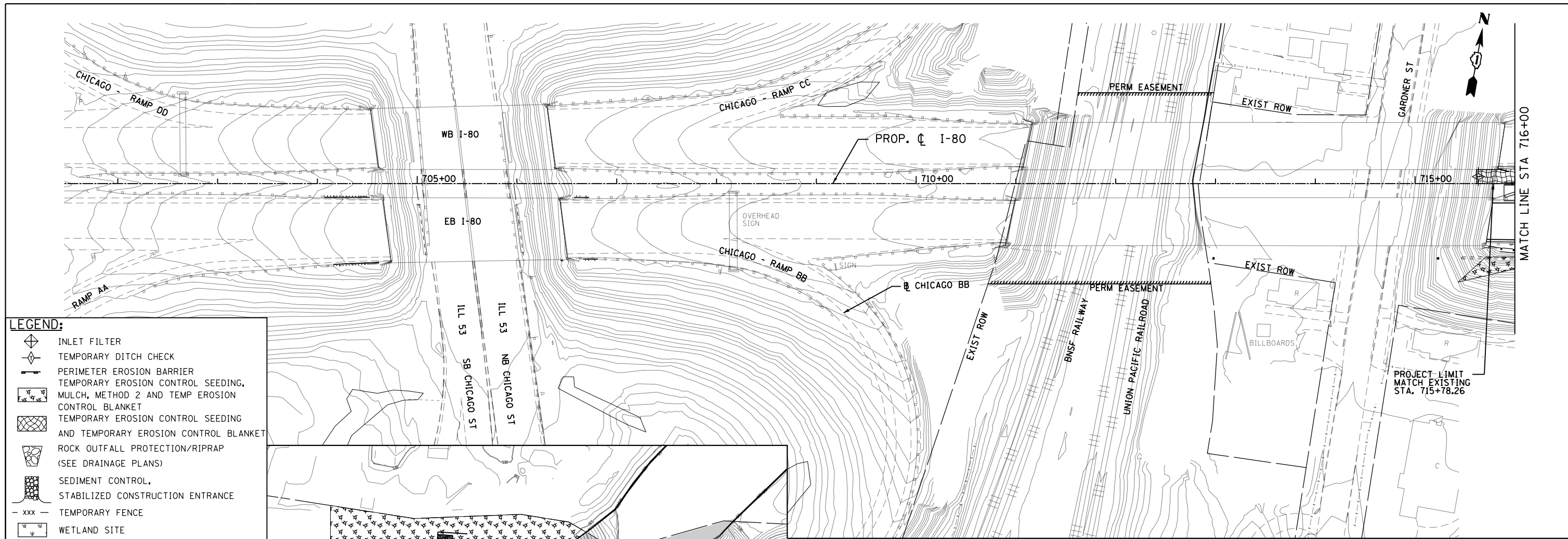
**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
ROWELL AVE AND PRIVATE DRIVE UNDER I-80**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	118
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

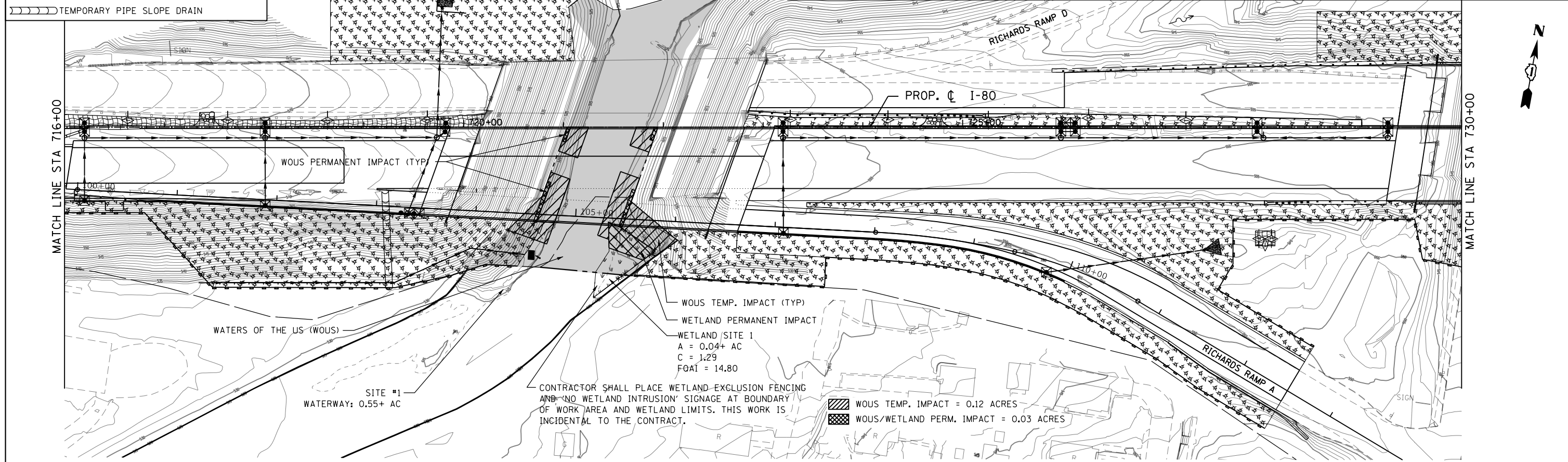
FILE NAME = C:\EB I-80\CADD Drawings\DI60W34-shr-staging\0.1.dgn

1. THE WORK DESCRIBED ON THESE DRAWINGS ARE AN INTEGRAL PART OF THE STORM WATER POLLUTION PREVENTION PLAN USED TO OBTAIN A NPDES PERMIT FROM IEPA FOR THE CONSTRUCTION OF THIS PROJECT.
2. THE PURPOSE OF THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED FOR THIS PROJECT IS TO LIMIT THE SEDIMENT POLLUTION IMPACT, OF ANY STORM WATER DISCHARGES THAT ORIGINATE ON THIS SITE OR OFF-SITE FLOWS THAT FLOW OVER THE DISTURBED AREAS, ON DOWNSTREAM AREAS.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SEDIMENT TRANSPORT OFF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL SCHEDULE BEING IMPLEMENTED BY THE CONTRACTOR WILL BE ON THE CONSTRUCTION SITE AT ALL TIMES.
4. TO THE MAXIMUM EXTENT POSSIBLE, ALL FLOWS ORIGINATING OFF THE CONSTRUCTION SITE WILL BE DIVERTED AROUND DISTURBED AREAS OR WILL BE CONVEYED THROUGH THE SITE IN A MANNER THAT UNTREATED ON-SITE RUNOFF DOES NOT MIX WITH THE OFF-SITE RUNOFF.
5. ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL MINIMIZE THE OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITY.
6. ALL PERMANENT SEDIMENT BASINS, PERMANENT STORM WATER CONTROL MEASURES, AND RUNOFF CONTROL MEASURES REQUIRED TO KEEP OFF-SITE RUNOFF FROM FLOWING OVER THE CONSTRUCTION AREA WILL BE INSTALLED BEFORE CLEARING AND STRIPPING OF THE SITE PROCEEDS, PRIOR TO PROCEEDING WITH GENERAL EARTHWORK ON A PROJECT THE CONTRACTOR WILL OBTAIN APPROVAL OF HIS PROPOSED EARTHWORK AND STABILIZATION SCHEDULE.
7. A MAXIMUM OF 10 ACRES MAY BE IN SOME STAGE OF GRADING AT A SINGLE TIME. ADDITIONAL AREAS (UP TO 10 ACRES) MAY BE CLEARED BUT WILL NOT BE STRIPPED THROUGH VEGETATION UNTIL THE GRADED AREAS HAVE BEEN PROTECTED FROM EROSION THROUGH INSTALLATION OF EITHER TEMPORARY OR PERMANENT MEASURES. WHENEVER POSSIBLE, THE GRADING WILL BE COMPLETED TO THE DESIGN GRADE AND THE PERMANENT VEGETATION PLAN IMPLEMENTED PRIOR TO STARTING GRADING ACTIVITIES ON THE NEXT SITE.
 - (A) WHEN BALANCING EARTHWORK (BORROW FROM A CUT USED AS FILL AT A LOCATION DISTANT FROM THE CUT) THE ENGINEER WILL CONSIDER ALLOWING MORE THAN 10 ACRES OF GRADING AT A TIME. THE 10 ACRES LIMITATION DOES NOT INCLUDE HAUL ROADS, BRIDGE CONSTRUCTION WORK AREAS AND STORAGE AREAS.
 - (B) VARIATIONS TO THE ABOVE MAY BE CONSIDERED BY THE ENGINEER UNDER ALL THE FOLLOWING CONDITIONS:
 - IF THE CONTRACTOR FALLS BEHIND SCHEDULE THROUGH NO FAULT OF HIS OWN.
 - THE CONTRACTOR MUST PRESENT A SCHEDULE DEMONSTRATING THE NEED FOR SUCH VARIATION IN ORDER TO COMPLETE THE WORK ON TIME.
 - THE CONTRACTOR MUST COMPLY WITH ALL OTHER CONTRACT REQUIREMENTS.
8. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE) WITHIN 1 CALENDAR DAYS. TEMPORARY STABILIZATION THROUGH USE OF GROUND COVER, MULCHING, OR OTHER APPROVED MEASURES WILL BE INSTALLED WHENEVER SITE DEVELOPMENT WORK, GRADING OR OTHER EARTH DISTURBING ACTIVITIES CEASE TO BE CONTINUOUS FOR A PERIOD EXCEEDING 14 CALENDAR DAYS. THE 1/14 DAY REQUIREMENT IS TAKEN TO MEAN THAT THE STABILIZATION OPERATION IS COMPLETE OR NEARING COMPLETION IN THE DEFINED TIME.
9. STABILIZATION MEASURES SHOULD BE INSTALLED ON CUT OR FILL SLOPES IN ACCORDANCE WITH THE ILR10 PERMIT REGARDLESS OF HEIGHT OF CUT OR FILL SLOPE. ONCE THE STABILIZATION MEASURES ARE INSTALLED, THE PLACEMENT OF FILL OR EXCAVATION ACTIVITIES ARE ALLOWED TO PROCEED.
10. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES AS RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREAS. THIS PERSON IS TO BE KNOWLEDGEABLE ABOUT INSTALLATION AND MAINTENANCE OF THE REQUIRED MEASURES. THIS EMPLOYEE IS TO HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTIONS CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN GIVEN BY THE ENGINEER. ALL MEASURES WILL BE INSPECTED BY THIS INDIVIDUAL AND THE ENGINEER ON A REGULAR BASIS (AT LEAST ONCE EVERY 7 DAYS) AND AFTER RAINFALL EVENTS GREATER THAN 1/2 INCH OR EQUIVALENT SNOWFALL AND AFTER EACH SIGNIFICANT SNOWMELT.
11. ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED DURING THE CONSTRUCTION SEASON AS WELL AS THE WINTER MONTHS AND OTHER TIMES WHEN THE PROJECT IS CLOSED DOWN. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE MAINTAINED IN ACCORDANCE WITH THE IDOT EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION (DATED JULY 1, 2010) AND IDOT'S BEST MANAGEMENT PRACTICES: ([HTTP://WWW.IDOT.ILLINOIS.GOV/TRANSPORTATION-SYSTEM/ENVIRONMENT/EROSION-AND-SEDIMENT-CONTROL](http://www.idot.illinois.gov/transportation-system/environment/erosion-and-sediment-control))
12. SALVAGED TOPSOIL SHALL BE PLACED ON WELL DRAINED LAND AWAY FROM INTERMITTENT AND LIVE STREAMS OR WETLANDS WITH THE APPROPRIATE RUNOFF CONTROL AND SEDIMENT CONTROL MEASURES INSTALLED AROUND THE STORAGE SITE AND STABILIZED IMMEDIATELY AFTER FINAL SHAPING OF THE PILE IN ACCORDANCE WITH MULCH, METHOD 2. THE CONTRACTOR WILL PROVIDE AN ADEQUATE QUANTITY OF PERIMETER EROSION BARRIER TO CONTROL THE PERIMETER OF THE STOCKPILE.
13. MATERIALS EXCAVATED FOR THE CONSTRUCTION OR CLEANOUT OF SEDIMENT TRAPS OR SEDIMENT BASINS SHALL NOT BE STOCKPILED IN THE (VICINITY) OF THE TRAP OR BASIN. IT WILL EITHER BE PLACED IN AN EMBANKMENT OR WASTED AS DIRECTED BY THE ENGINEER.
14. EXCAVATION TO BE USED FOR EMBANKMENTS SHALL NOT BE STOCKPILED UNLESS PERIMETER CONTROLS ARE UTILIZED. WHEN THIS MATERIAL IS STOCKPILED FOR THE CONVENIENCE OF THE CONTRACTOR THE COST OF THE CONTROLS ARE BORNE BY THE CONTRACTOR. IF THE MATERIAL IS STOCKPILED AT THE DIRECTION OF THE ENGINEER THE DEPARTMENT WILL ASSUME THE COST OF THE CONTROLS.
15. SEDIMENT LADEN DEWATERING DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING MEASURE PRIOR TO RELEASE FROM THE SITE.
16. WHEN THE CONTRACTOR REQUESTS A CHANGE TO POSTPONE COMPLETION OF THE EXCAVATION OF A SPECIFIC AREA AS A CONTINUOUS OPERATION AND PLACING THE TOPSOIL AS DEFINED IN THE STANDARD SPECIFICATIONS, THE ENGINEER MAY ALLOW THE CONTRACTOR TO STABILIZE THE AREA USING TEMPORARY STABILIZATION WITH STRAW MULCH PROVIDING THE FOLLOWING CONDITIONS ARE MET:
 - (A) ALL AREAS BEING STABILIZED ARE 3:1 SLOPES OR FLATTER.
 - (B) THE CONTRACTOR BEARS THE COST OF PREPARING THE SEED BED AND STABILIZING THE AREA WITH TEMPORARY STABILIZATION WITH STRAW MULCH.
 - (C) ALL REQUIRED SEDIMENT CONTROL MEASURES FOR THE SECTION OF ROAD IN QUESTION HAVE BEEN INSTALLED AND ARE BEING MAINTAINED.
17. SEEDING USAGE
TEMPORARY EROSION CONTROL SEEDING - USED ON SHORT TERM TEMPORARY SEEDING. CLASS 2A - SALT TOLERANT ROADSIDE MIX USED FOR NEW CONSTRUCTION OF LIMITED ACCESS ROUTES INTENDED TO BE MOWED BY IDOT.
18. TOP SOIL PLACEMENT
TOPSOIL WILL BE PLACED ON FINAL SLOPES WHICH WILL NOT BE DISTURBED BY FUTURE CONSTRUCTION. TOPSOIL WILL NOT BE PLACED ON SURFACES WHICH WILL BE PAVED IN THE FUTURE, NOR ON TEMPORARILY STEEP SLOPES.
19. INLET FILTERS ARE REQUIRED FOR THE STRUCTURES SHOWN ON THE PLANS. STRUCTURE OPENINGS VARY SUCH THAT FIELD MEASUREMENT AND/OR CONTRACTOR DESIGN WILL BE REQUIRED. COST OF DESIGN, LABOR AND MATERIALS WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR "INLET FILTER".
20. THE CONSTRUCTION LIMITS WILL BE STAKED BY THE CONTRACTOR PRIOR TO COMMENCING CONSTRUCTION. THE CONSTRUCTION LIMITS MAY BE ADJUSTED BY THE ENGINEER TO PRESERVE TREES AND NO ADDITIONAL COMPENSATION WILL BE PAID TO THE CONTRACTOR FOR CHANGED CONSTRUCTION LIMITS.
21. THE RESIDENT ENGINEER SHALL HAVE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE SEDIMENT CONTROL, SILT FENCE.
22. SEE EROSION AND SEDIMENT CONTROL PLANS FOR PLACEMENT OF ALL EROSION AND SEDIMENT CONTROL PAY ITEMS.
23. SEE PROPOSED DRAINAGE PLANS FOR FINAL DRAINAGE STRUCTURE, STORM SEWER AND PIPE CULVERT INFORMATION.
24. SEE EXISTING DRAINAGE AND UTILITY PLANS FOR INFORMATION CONCERNING THE REMOVAL, ADJUSTMENT, RECONSTRUCTION, ETC. OF EXISTING STRUCTURE AND PIPES.
25. THE ACTUAL NEED FOR TEMPORARY DRAINAGE FACILITIES, AS WELL AS THE STAGING OF THE PERMANENT DRAINAGE SYSTEM CONSTRUCTION, MAY BE MODIFIED BY THE RESIDENT ENGINEER, WHO SHALL BE CONSULTED BEFORE THE INSTALLATION.
26. EROSION CONTROL MEASURES SHALL BE REMOVED ONLY WHERE INDICATED ON THE PLANS. COST OF REMOVAL SHALL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE TYPE OF MEASURE INDICATED ON THE PLANS.
27. THE COST OF STABILIZED CONSTRUCTION ENTRANCES REQUIRED TO PREVENT THE TRACKING OF SEDIMENTS ONTO THE ROADWAYS WILL BE PAID FOR SEPARATELY. THESE LOCATIONS ARE SUGGESTED LOCATIONS AND CONTRACTOR MUST SUBMIT ACTUAL LOCATIONS TO IDOT TRAFFIC FOR REVIEW AND APPROVAL.
28. WHEN STORM SEWER IS UNDER CONSTRUCTION, CONTRACTOR SHALL PROVIDE A PLAN ACCEPTABLE TO THE RESIDENT ENGINEER TO PREVENT EROSION AND SEDIMENTATION FROM RUNOFF ENTERING OR EXITING THE STORM SEWER CONSTRUCTION.
29. IN THE SPECIAL PROVISIONS, THERE IS GUIDANCE FOR CONSTRUCTING A SEDIMENT TRAP USING MATERIALS THAT ARE IN THE CONTRACT. THESE GUIDELINES ARE TO FACILITATE SEDIMENT TRAP CONSTRUCTION, IF A SEDIMENT TRAP IS NEEDED, BASED ON NPDES INSPECTIONS. THE GUIDELINES FOLLOW THE SWPPP DOCUMENT.
30. THIS PROJECT REQUIRES A US ARMY CORPS OF ENGINEERS (USACE) 404 PERMIT THAT WILL BE SECURED BY THE DEPARTMENT. AS A CONDITION OF THIS PERMIT, THE CONTRACTOR WILL NEED TO SUBMIT AN IN-STREAM WORK PLAN TO THE DEPARTMENT FOR APPROVAL. GUIDELINES ON ACCEPTABLE IN-STREAM WORK TECHNIQUES CAN BE FOUND ON THE USACE WEBSITE. THE USACE DEFINES AND DETERMINES IN-STREAM WORK. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT AN IN-STREAM WORK PLAN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED WITH THE EXCEPTION OF COFFERDAMS WHICH WILL BE PAID FOR AS COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK) WITH A BASIS OF PAYMENT OF EACH.
31. THE CONTRACTOR WILL PROVIDE AN IN-STREAM WORK PLAN FOR REVIEW BY THE RE, AND WRITTEN APPROVAL BY THE USACE, PRIOR TO STARTING ANY WORK WITHIN THE IN-STREAM WORK AREA. THE 2-YEAR FLOW RATE FOR HICKORY CREEK IS 3,710 CFS.
32. THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW, WASTE, USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTORS RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR SHALL SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.G.1 AND 2 OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
33. DEWATERING ACTIVITIES WILL BE CONDUCTED UTILIZING A SILT BAG LOCATED ON A STABILIZED SURFACE (RIPRAP). DISCHARGE FROM THE SILT BAG WILL FLOW THROUGH A VEGETATED (STABILIZED) FLOW LINE PRIOR TO DISCHARGING INTO THE RECEIVING WATER.
34. THE CONTRACTOR SHOULD PROVIDE TO THE RE A PLAN TO ENSURE THAT A STABILIZED FLOW LINE WILL BE PROVIDED DURING STORM SEWER CONSTRUCTION. THE USE OF A STABILIZED FLOW LINE BETWEEN INSTALLED STORM SEWER AND OPEN DISTURBANCE WILL REDUCE THE POTENTIAL FOR THE OFFSITE DISCHARGE OF SEDIMENT-BEARING WATERS. ESPECIALLY WHEN RAIN IS FORECASTED, SO THAT FLOW WILL NOT ERODE. LACK OF APPROVED PLAN OR FAILURE TO COMPLY WILL RESULT IN AN ESC DEFICIENCY DEDUCTION.
35. ANY LOOSE MATERIAL DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES, WHICH OBSTRUCTS THE NATURAL FLOW OF WATER, SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. PRIOR TO ACCEPTANCE OF THE IMPROVEMENT, ALL DRAINAGE STRUCTURES SHALL BE FREE OF DIRT AND DEBRIS. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCIDENTAL.
36. UNDER NO CIRCUMSTANCES SHALL THE CONTRACTOR PROLONG FINAL GRADING AND SHAPING SO THAT THE ENTIRE PROJECT CAN BE PERMANENTLY SEEDED AT ONE TIME.
37. EROSION CONTROL ITEMS ARE CONSIDERED TO BE A HIGH PRIORITY ON THIS CONTRACT. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE RESIDENT ENGINEER.
38. WETLANDS "WETLANDS NO INTRUSION" SIGNAGE SHOULD ALSO BE PROVIDED AT THE BOUNDARY OF ALL UN-IMPACTED WETLANDS AND/OR WOUS. THE CONTRACTOR CAN BORROW THE SIGNS FROM THE BUREAU OF MAINTENANCE. INCLUDE TEMPORARY FENCING AND WETLAND SIGNAGE WITHIN THE EROSION AND SEDIMENT CONTROL STRATEGY.

USER NAME = Bentley-Civil	DESIGNED - RK	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EB I-80 FROM GARDNER STREET TO ROWELL AVENUE EROSION AND SEDIMENT CONTROL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = #SCALE#	CHECKED - EC	REVISED -				80	2013-008B	WILL	511	119
PLOT DATE = 6/26/2020	DATE - 6/25/2020	REVISED -				CONTRACT NO. 60W34				
FILE NAME = D160W34-sht-erosnotes.dgn					SCALE: N/A	SHEET 1	OF 8 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT



- LEGEND:**
- INLET FILTER
 - TEMPORARY DITCH CHECK
 - PERIMETER EROSION BARRIER
 - TEMPORARY EROSION CONTROL SEEDING, MULCH, METHOD 2 AND TEMP EROSION CONTROL BLANKET
 - TEMPORARY EROSION CONTROL SEEDING AND TEMPORARY EROSION CONTROL BLANKET
 - ROCK OUTFALL PROTECTION/RIPRAP (SEE DRAINAGE PLANS)
 - SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE
 - xxx - TEMPORARY FENCE
 - WETLAND SITE
 - TEMPORARY PIPE SLOPE DRAIN



WOUS TEMP. IMPACT (TYP)
 WETLAND PERMANENT IMPACT
 WETLAND SITE 1
 A = 0.04+ AC
 C = 1.29
 FOAI = 14.80

CONTRACTOR SHALL PLACE WETLAND EXCLUSION FENCING AND 'NO WETLAND INTRUSION' SIGNAGE AT BOUNDARY OF WORK AREA AND WETLAND LIMITS. THIS WORK IS INCIDENTAL TO THE CONTRACT.

- WOUS TEMP. IMPACT = 0.12 ACRES
- WOUS/WETLAND PERM. IMPACT = 0.03 ACRES

USER NAME = Bentley-Civil	DESIGNED - RK	REVISED -
	DRAWN - TWR	REVISED -
PLOT SCALE = #SCALE#	CHECKED - EC	REVISED -
PLOT DATE = 6/26/2020	DATE - 6/25/2020	REVISED -
FILE NAME = D160W34-sht-eros01.dgn		

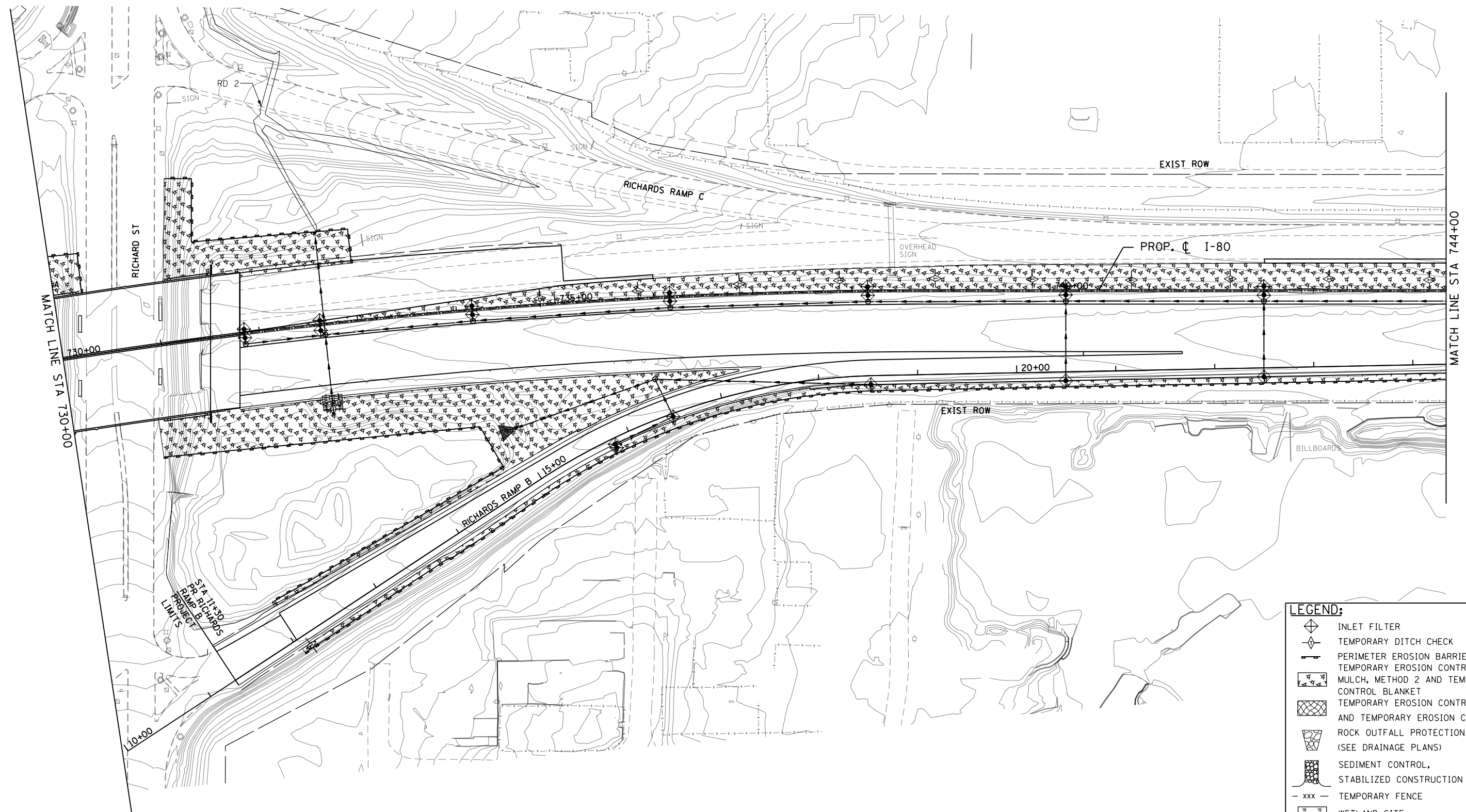


**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
 EROSION AND SEDIMENT CONTROL PLAN**

SCALE: 1" = 50' SHEET 2 OF 8 SHEETS STA. 702+00 TO STA. 730+00

F.A.I. RTE. 80	SECTION 2013-008B	COUNTY WILL	TOTAL SHEETS 511	SHEET NO. 120
			CONTRACT NO. 60W34	
ILLINOIS FED. AID PROJECT				



LEGEND:

- INLET FILTER
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- TEMPORARY EROSION CONTROL SEEDING, MULCH, METHOD 2 AND TEMP EROSION CONTROL BLANKET
- TEMPORARY EROSION CONTROL SEEDING AND TEMPORARY EROSION CONTROL BLANKET
- ROCK OUTFALL PROTECTION/RIPRAP (SEE DRAINAGE PLANS)
- SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE
- xxx - TEMPORARY FENCE
- WETLAND SITE
- TEMPORARY PIPE SLOPE DRAIN

USER NAME = Bentley-Civil	DESIGNED - RK	REVISED -
	DRAWN - TWR	REVISED -
PLOT SCALE = #SCALE#	CHECKED - EC	REVISED -
PLOT DATE = 6/26/2020	DATE - 6/25/2020	REVISED -
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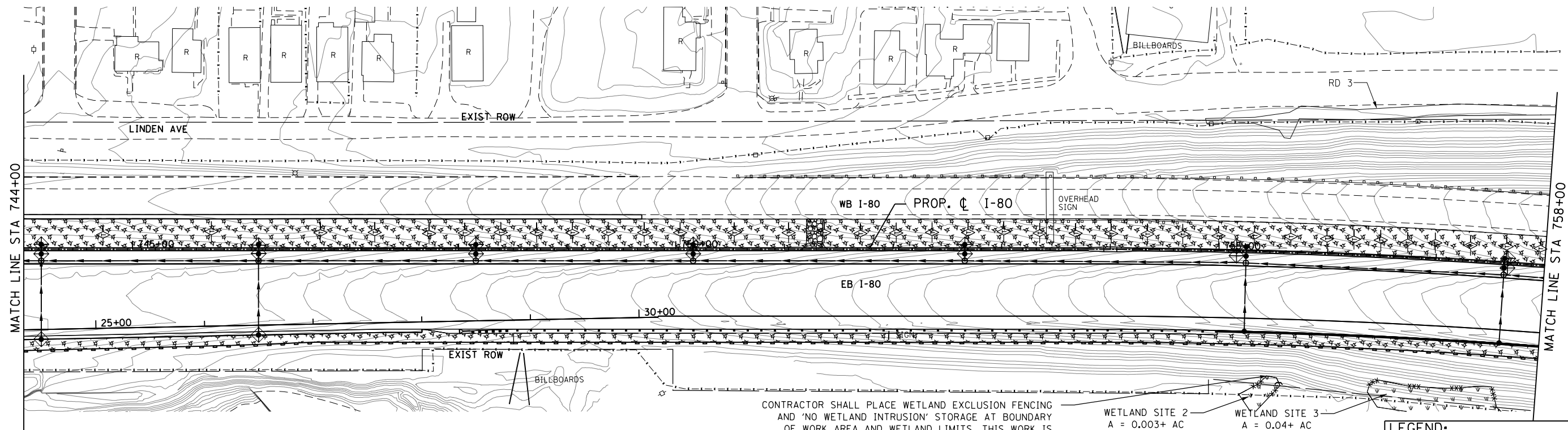


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
EROSION AND SEDIMENT CONTROL PLAN**

SCALE: 1" = 50' SHEET 3 OF 8 SHEETS STA. 730+00 TO STA. 744+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	121
				CONTRACT NO. 60W34
ILLINOIS FED. AID PROJECT				

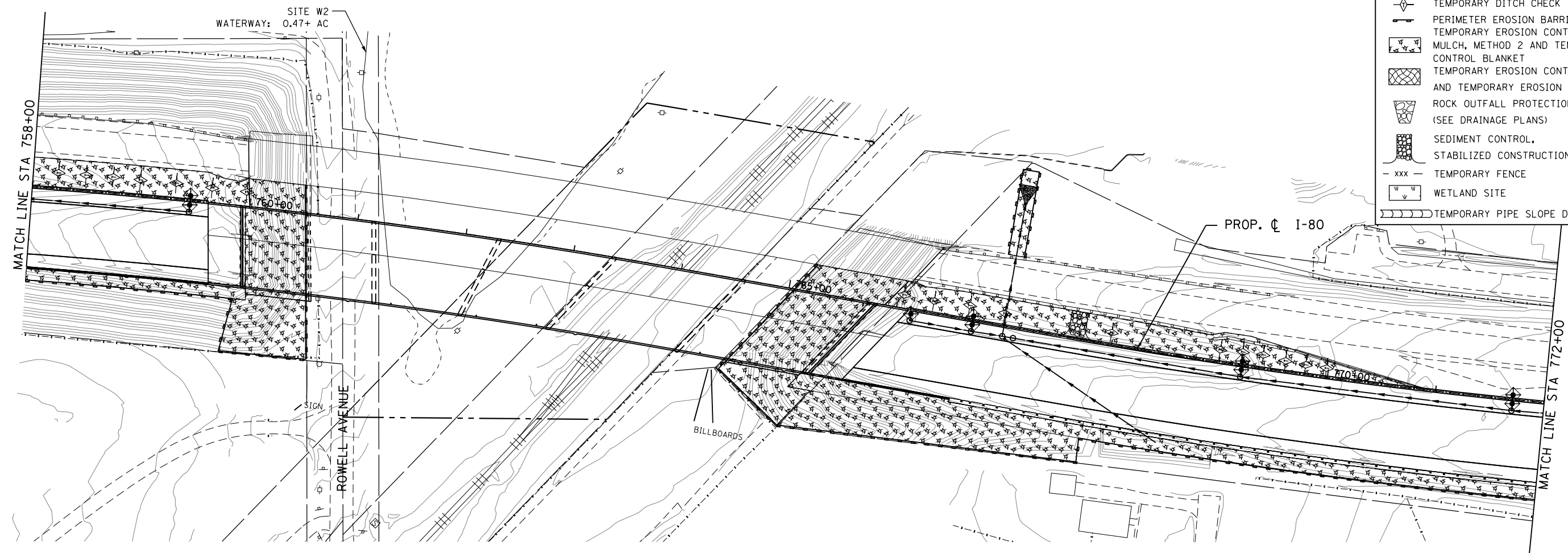


CONTRACTOR SHALL PLACE WETLAND EXCLUSION FENCING AND 'NO WETLAND INTRUSION' STORAGE AT BOUNDARY OF WORK AREA AND WETLAND LIMITS, THIS WORK IS INCIDENTAL TO THE CONTRACT.

WETLAND SITE 2
 A = 0.003+ AC
 C = 1.20
 FOAI = 15.49

WETLAND SITE 3
 A = 0.04+ AC
 C = 0.17
 FOAI = 4.08

- LEGEND:**
- INLET FILTER
 - TEMPORARY DITCH CHECK
 - PERIMETER EROSION BARRIER
 - TEMPORARY EROSION CONTROL SEEDING, MULCH, METHOD 2 AND TEMP EROSION CONTROL BLANKET
 - TEMPORARY EROSION CONTROL SEEDING AND TEMPORARY EROSION CONTROL BLANKET
 - ROCK OUTFALL PROTECTION/RIPRAP (SEE DRAINAGE PLANS)
 - SEDIMENT CONTROL,
 - STABILIZED CONSTRUCTION ENTRANCE
 - xxx - TEMPORARY FENCE
 - WETLAND SITE
 - TEMPORARY PIPE SLOPE DRAIN



USER NAME = Bentley-Civil	DESIGNED - RK	REVISED -
	DRAWN - TWR	REVISED -
PLOT SCALE = *SCALE*	CHECKED - EC	REVISED -
PLOT DATE = 6/26/2020	DATE - 6/25/2020	REVISED -
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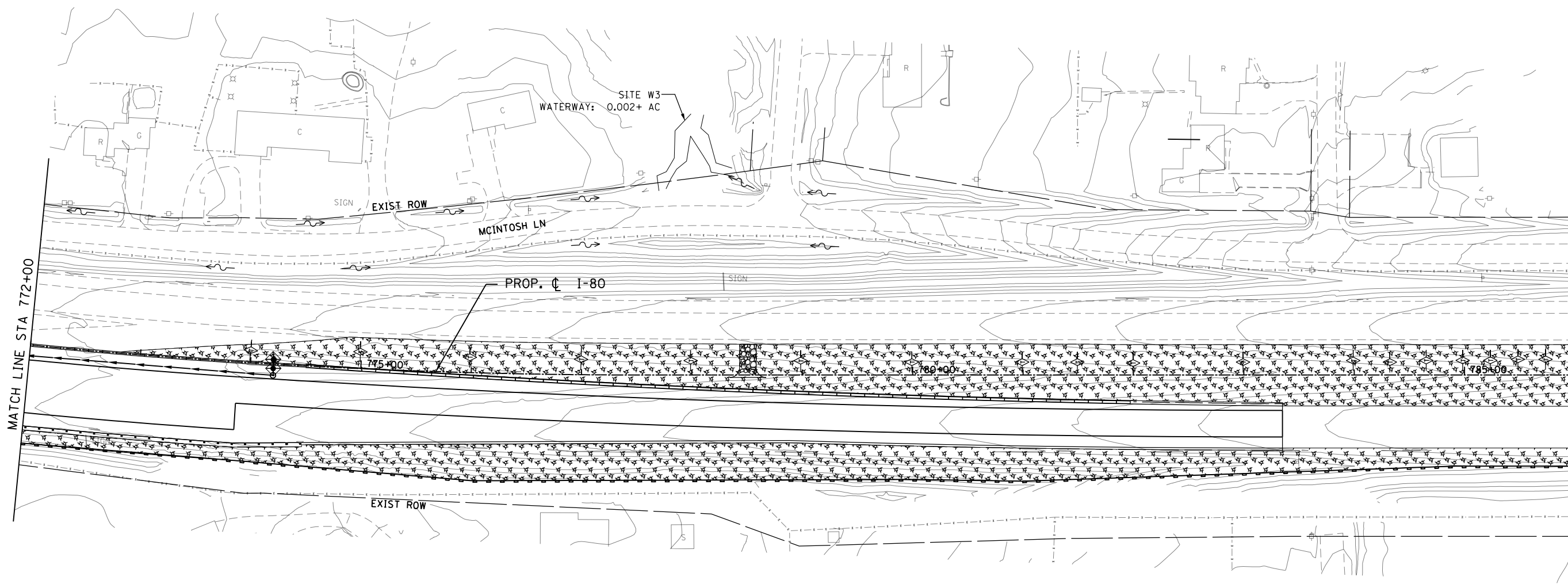


**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**











**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
 EROSION AND SEDIMENT CONTROL PLAN**

SCALE: 1" = 50' SHEET 4 OF 8 SHEETS STA. 744+00 TO STA. 772+00

F.A.I. RTE. 80	SECTION 2013-008B	COUNTY WILL	TOTAL SHEETS 511	SHEET NO. 122
			CONTRACT NO. 60W34	
ILLINOIS FED. AID PROJECT				



LEGEND:

-  INLET FILTER
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL SEEDING, MULCH, METHOD 2 AND TEMP EROSION CONTROL BLANKET
-  TEMPORARY EROSION CONTROL SEEDING AND TEMPORARY EROSION CONTROL BLANKET
-  ROCK OUTFALL PROTECTION/RIPRAP (SEE DRAINAGE PLANS)
-  SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE
-  - xxx - TEMPORARY FENCE
-  WETLAND SITE
-  TEMPORARY PIPE SLOPE DRAIN

USER NAME = Bentley-Civil	DESIGNED - RK	REVISED -
	DRAWN - TWR	REVISED -
PLOT SCALE = #SCALE#	CHECKED - EC	REVISED -
PLOT DATE = 6/26/2020	DATE - 6/25/2020	REVISED -



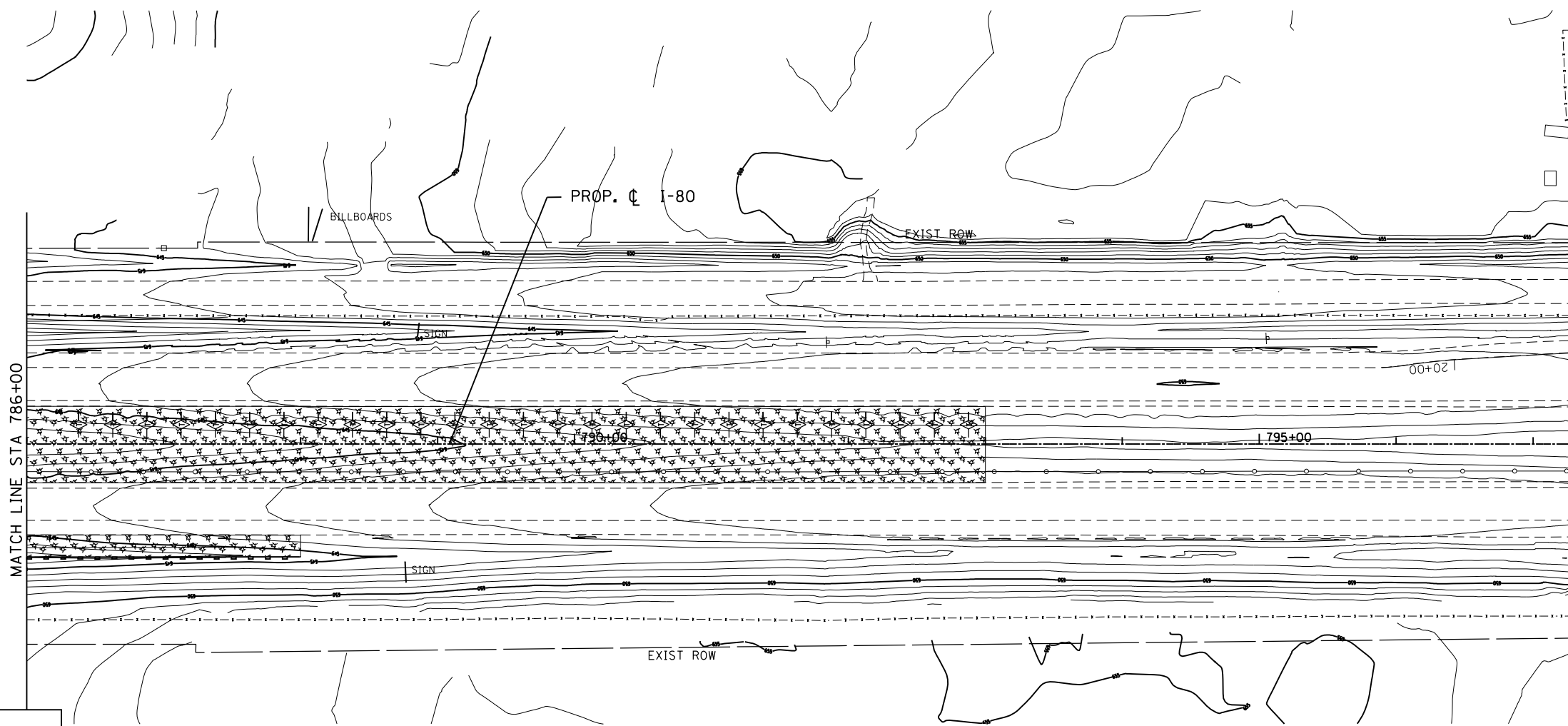
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
EROSION AND SEDIMENT CONTROL PLAN**











SCALE: 1" = 50' SHEET 5 OF 8 SHEETS STA. 772+00 TO STA. 786+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	123
			CONTRACT NO. 60W34	
ILLINOIS FED. AID PROJECT				

FILE NAME = D160W34-sht-eros04.dgn



LEGEND:

-  INLET FILTER
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  TEMPORARY EROSION CONTROL SEEDING, MULCH, METHOD 2 AND TEMP EROSION CONTROL BLANKET
-  TEMPORARY EROSION CONTROL SEEDING AND TEMPORARY EROSION CONTROL BLANKET
-  ROCK OUTFALL PROTECTION/RIPRAP (SEE DRAINAGE PLANS)
-  SEDIMENT CONTROL, STABILIZED CONSTRUCTION ENTRANCE
-  - xxx - TEMPORARY FENCE
-  WETLAND SITE
-  TEMPORARY PIPE SLOPE DRAIN

USER NAME = Bentley-Civil	DESIGNED - RK	REVISED -
	DRAWN - TWR	REVISED -
PLOT SCALE = #SCALE#	CHECKED - EC	REVISED -
PLOT DATE = 6/26/2020	DATE - 6/25/2020	REVISED -
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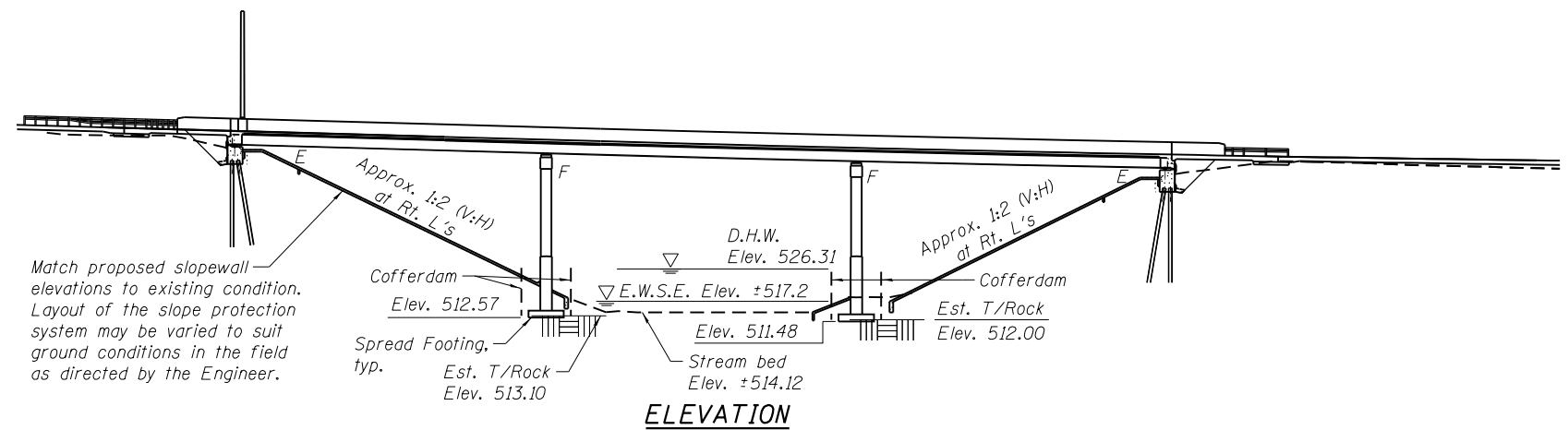


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
EROSION AND SEDIMENT CONTROL PLAN**

SCALE: 1" = 50' SHEET 6 OF 8 SHEETS STA. 786+00 TO STA. 797+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	124
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				



- NOTES:
1. WORK IN THE WATERWAY SHOULD BE TIMED TO TAKE PLACE DURING LOW OR NO-FLOW CONDITIONS. LOW FLOW CONDITIONS ARE FLOW AT OR BELOW THE NORMAL WATER ELEVATION.
 2. THE PLAN WILL BE DESIGNED TO ALLOW FOR THE CONVEYANCE OF THE 2-YEAR PEAK FLOW PAST THE WORK AREA WITHOUT OVERTOPPING THE COFFERDAM. THE CORPS HAS THE DISCRETION TO REDUCE THIS REQUIREMENT IF DOCUMENTED BY THE APPLICANT TO BE INFEASIBLE OR UNNECESSARY.
 3. WATER SHALL BE ISOLATED FROM THE IN-STREAM WORK AREA USING A COFFERDAM CONSTRUCTED OF NONERODIBLE MATERIALS (STEEL SHEETS, AQUA BARRIERS, RIP RAP AND GEOTEXTILE LINER, ETC.). EARTHEN COFFERDAMS ARE NOT PERMISSIBLE.
 4. THE COFFERDAM MUST BE CONSTRUCTED FROM THE UPLAND AREA AND NO EQUIPMENT MAY ENTER FLOWING WATER AT ANY TIME. IF THE INSTALLATION OF THE COFFERDAM CANNOT BE COMPLETED FROM SHORE AND ACCESS IS NEEDED TO REACH THE AREA TO BE COFFERED, OTHER MEASURES, SUCH AS THE CONSTRUCTION OF A CAUSEWAY, WILL BE NECESSARY TO ENSURE THAT EQUIPMENT DOES NOT ENTER THE WATER. ONCE THE COFFERDAM IS IN PLACE AND THE ISOLATED AREA IS DEWATERED, EQUIPMENT MAY ENTER THE COFFERED AREA TO PERFORM THE REQUIRED WORK.
 5. IF BYPASS PUMPING IS NECESSARY, THE INTAKE HOSE SHALL BE PLACED ON A STABLE SURFACE OR FLOATED TO PREVENT SEDIMENT FROM ENTERING THE HOSE. THE BYPASS DISCHARGE SHALL BE PLACED ON A NONERODIBLE, ENERGY DISSIPATING SURFACE PRIOR TO REJOINING THE STREAM FLOW AND SHALL NOT CAUSE EROSION. FILTERING OF BYPASS WATER IS NOT NECESSARY UNLESS THE BYPASS WATER HAS BECOME SEDIMENT-LADEN AS A RESULT OF THE CURRENT CONSTRUCTION ACTIVITIES.

6. DURING DEWATERING OF THE COFFERED WORK AREA, ALL SEDIMENT-LADEN WATER MUST BE FILTERED TO REMOVE SEDIMENT. POSSIBLE OPTIONS FOR SEDIMENT REMOVAL INCLUDE BAFFLE SYSTEMS, ANIONIC POLYMERS SYSTEMS, DEWATERING BAGS, OR OTHER APPROPRIATE METHODS. WATER SHALL HAVE SEDIMENT REMOVED PRIOR TO BEING RE-INTRODUCED TO THE DOWNSTREAM WATERWAY. A STABILIZED CONVEYANCE FROM THE DEWATERING DEVICE TO THE WATERWAY MUST BE IDENTIFIED IN THE PLAN. DISCHARGE WATER IS CONSIDERED CLEAN IF IT DOES NOT RESULT IN A VISUALLY IDENTIFIABLE DEGRADATION OF WATER CLARITY.

7. THE AREA FROM THE TOE TO THE TOP OF THE SIDE SLOPE SHALL BE TEMPORARILY STABILIZED DURING CONSTRUCTION TO REDUCE THE POTENTIAL FOR EROSION. ALL AREAS DISTURBED DUE TO CONSTRUCTION ACTIVITIES SHALL BE RESTORED TO PROPOSED CONDITIONS AND FULLY STABILIZED PRIOR TO ACCEPTING FLOWS.

8. ANY WORK BEING PERFORMED BELOW THE WATER LINE IN AN AREA NOT DEWATERED SHALL BE LIMITED TO A MAXIMUM OF TWO HOURS AT A SINGLE TIME.

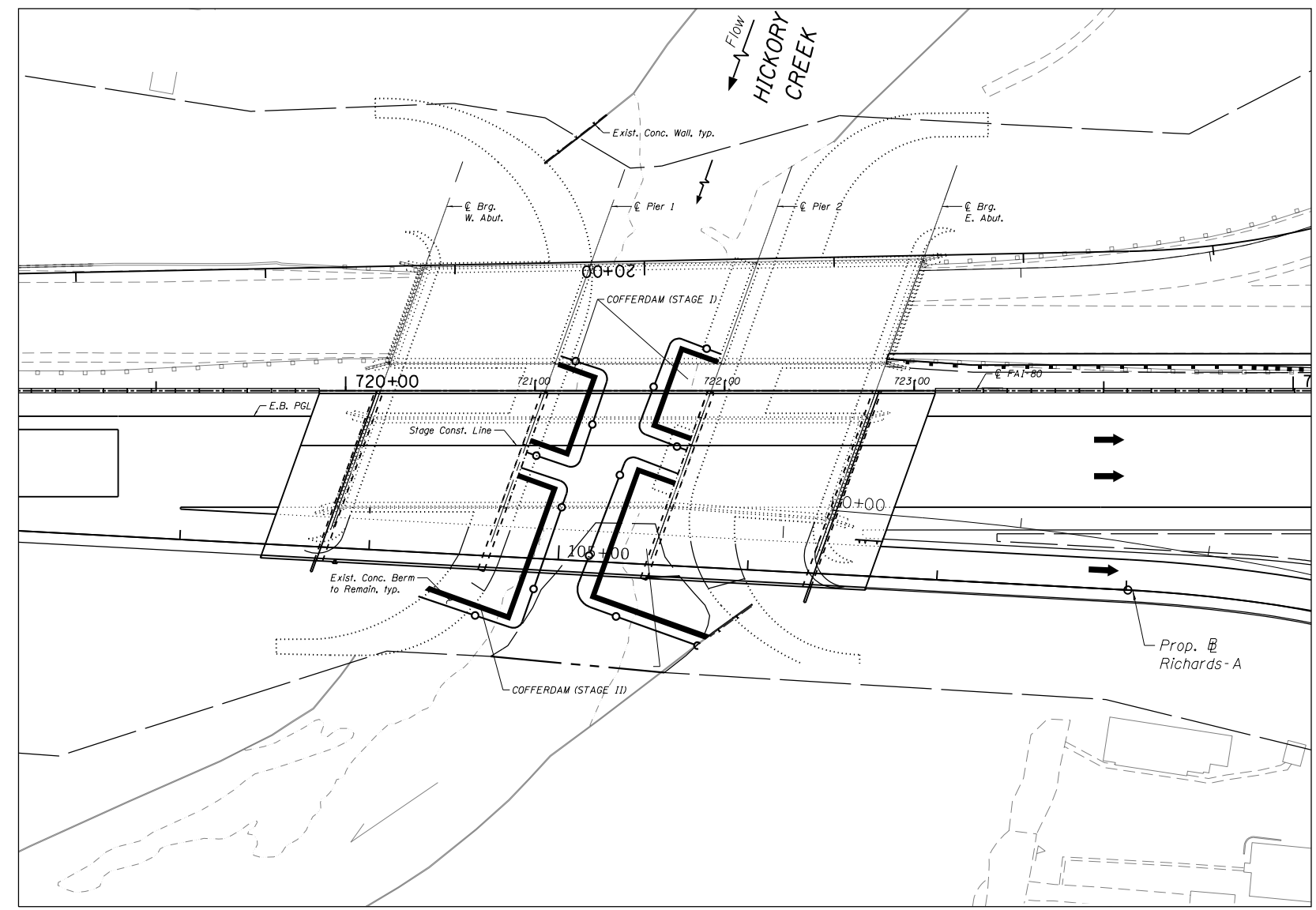
9. TURBIDITY CURTAIN WILL BE PAID FOR AS PAY ITEM #20023201 SEDIMENT CONTROL, SILT CURTAIN.

WATERWAY INFORMATION ***

Drainage Area = 109 sq.mi. Low Grade Elev. 563.97 @ Sta. 723+00

Flood	Freq. Yr.	Q C.F.S.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.	
			Exist.	Prop.		Exist.	Prop.	Exist.	Prop.
Design	10	6,230	772	772	522.84	0.71	0.46	523.55	523.30
Base	50	10,660	1,163	1,163	526.31	0.52	0.45	526.83	526.76
	100	13,750	1,416	1,416	528.40	0.57	0.58	528.97	528.98
Overtopping	200	17,120	1,695	1,695	530.50	0.81	0.81	531.31	531.31
	>500	-	-	-	-	-	-	-	-
Max. Calc.	500	23,203	2,197	2,197	534.02	1.00	1.00	535.02	535.02
	2	3,710	597	597	521.13	0.62	0.32	521.75	521.45

*** Elevations from Hydraulic Report were converted to NAVD88.



PLAN

LEGEND

- = TURBIDITY CURTAIN
- = COFFERDAM

USER NAME = Bentley-Civil	DESIGNED - RK	REVISED -
	DRAWN - TWR	REVISED -
PLOT SCALE = #SCALE#	CHECKED - EC	REVISED -
PLOT DATE = 6/26/2020	DATE - 6/25/2020	REVISED -
FILE NAME = D160W34-shr-ER05DETAIL01.dgn		



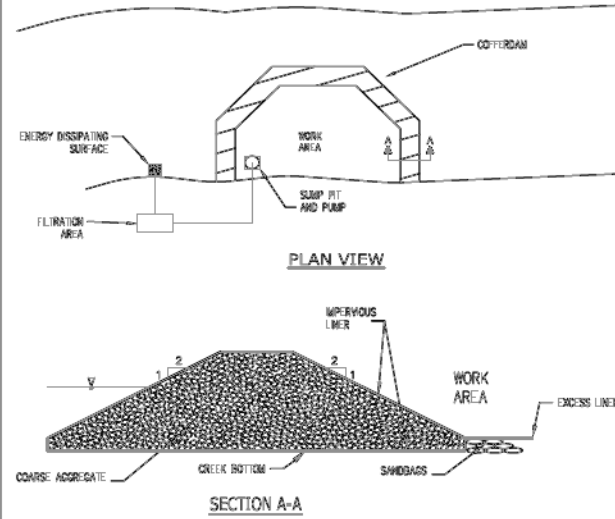
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
IN STREAM WORK PLAN**

SCALE: 1" = 40' SHEET 7 OF 8 SHEETS STA. 702+00 TO STA. 730+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	125
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

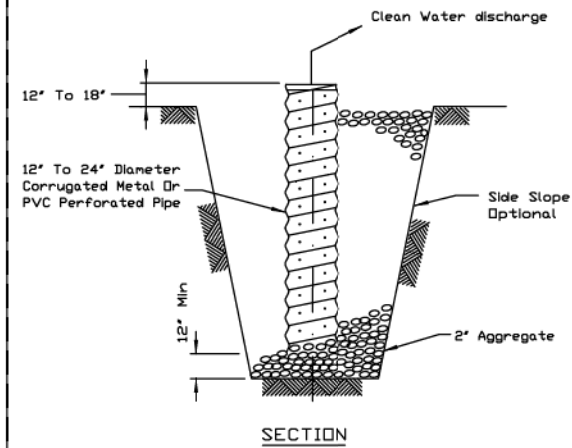
ROCK PARTIAL COFFERDAM



NOTES:
 1. THE LINER SHALL BE PLACED ON BOTTOM OF WATERWAY W/AGGRESS LAYER EXTENDING OUT OF THE COFFERDAM AREA. SINCE STONE IS PLACED, LINER WILL BE PULLED OVER ROCK AND EXTEND BEYOND THE PILE ON THE DOWNSTREAM SIDE. SANDWICHES WILL SECURE THE EXCESS LINER AS SHOWN. REFER TO THE STANDARD FOR LINER SPECIFICATIONS.

REFERENCE Project	Date	STANDARD DIV. NO. IUM-503RP
Designed	Date	SHEET 6 OF 7
Checked	Date	DATE 7-09-2012
Approved	Date	

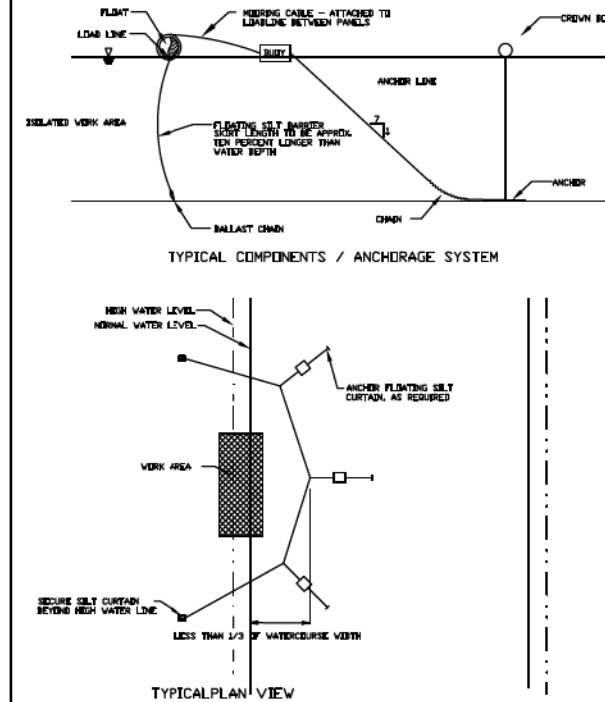
SUMP PIT PLAN



NOTES:
 1. Pit dimensions are optional.
 2. The standpipe will be constructed by perforating a 12"-24" diameter corrugated metal or PVC pipe.
 3. A base of 2" aggregate will be placed in the pit to a minimum depth of 12". After installing the standpipe, the pit surrounding the standpipe will then be backfilled with 2" aggregate.
 4. The standpipe will extend 12" to 18" above the lip of the pit.
 5. If discharge will be pumped directly to a storm drainage system, the standpipe will be wrapped with filter fabric before installation.
 6. If desired, 1/4"-1/2" hardware cloth may be placed around the standpipe prior to attaching the filter fabric. This will increase the rate of water seepage into the pipe.

REFERENCE Project	Date	STANDARD DIV. NO. IL-650
Designed	Date	SHEET 1 OF 1
Checked	Date	DATE 8-11-94
Approved	Date	

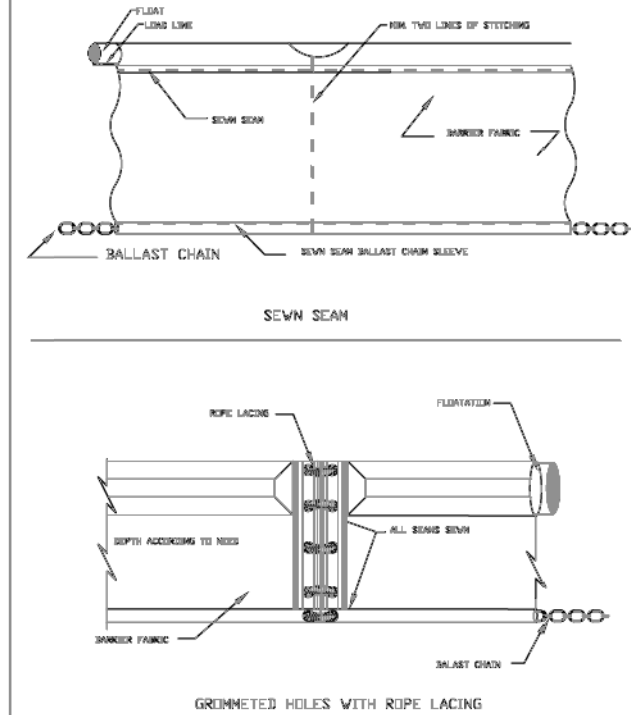
FLOATING SILT CURTAIN - TYPICAL LAYOUT



Maximum flow for waterbody shall be less than 5fps.
 Isolated work area shall not exceed more than 1/3 stream width.
 Silt curtain shall be placed parallel to stream flow.

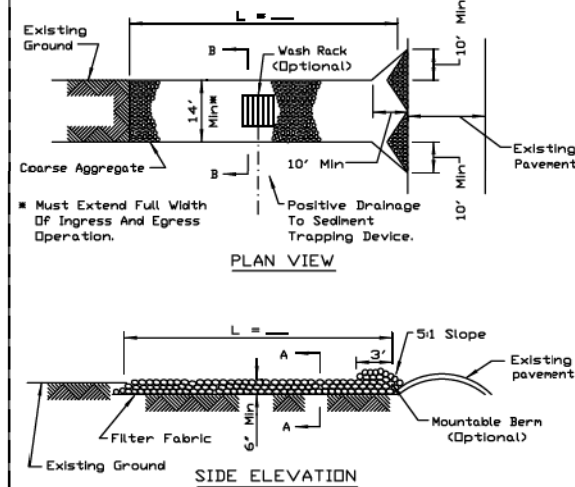
REFERENCE Project	Date	STANDARD DIV. NO. IUM-617A
Designed	Date	SHEET 1 OF 1
Checked	Date	DATE 1-06-2012
Approved	Date	

FLOATING SILT CURTAIN - PANEL CONNECTORS



REFERENCE Project	Date	STANDARD DIV. NO. IUM-617B
Designed	Date	SHEET 1 OF 1
Checked	Date	DATE 1-6-2012
Approved	Date	

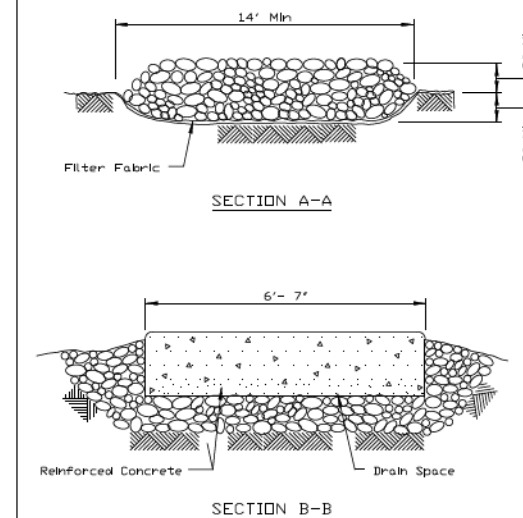
STABILIZED CONSTRUCTION ENTRANCE PLAN



NOTES:
 1. Filter fabric shall meet the requirements of material specification 592 GEOTEXTILE, Table I or 2, Class I, II or IV and shall be placed over the cleared area prior to the placing of rock.
 2. Rock or reclaimed concrete shall meet one of the following IDOT coarse aggregate gradation, CA-1, CA-2, CA-3 or CA-4 and be placed according to construction specification 25 ROCKFILL using placement Method 1 and Class III compaction.
 3. Any drainage facilities required because of washing shall be constructed according to manufacturers specifications.
 4. If wash racks are used they shall be installed according to the manufacturer's specifications.

REFERENCE Project	Date	STANDARD DIV. NO. IL-630
Designed	Date	SHEET 1 OF 2
Checked	Date	DATE 8-18-94
Approved	Date	

STABILIZED CONSTRUCTION ENTRANCE PLAN



REFERENCE Project	Date	STANDARD DIV. NO. IL-630
Designed	Date	SHEET 2 OF 2
Checked	Date	DATE 8-18-94
Approved	Date	

USER NAME = Bentley-Civil	DESIGNED - RK	REVISED -
PLOT SCALE = #SCALE#	DRAWN - TWR	REVISED -
PLOT DATE = 6/26/2020	CHECKED - EC	REVISED -
FILE NAME = D160W34-sht-erosdetail02.dgn	DATE - 6/25/2020	REVISED -



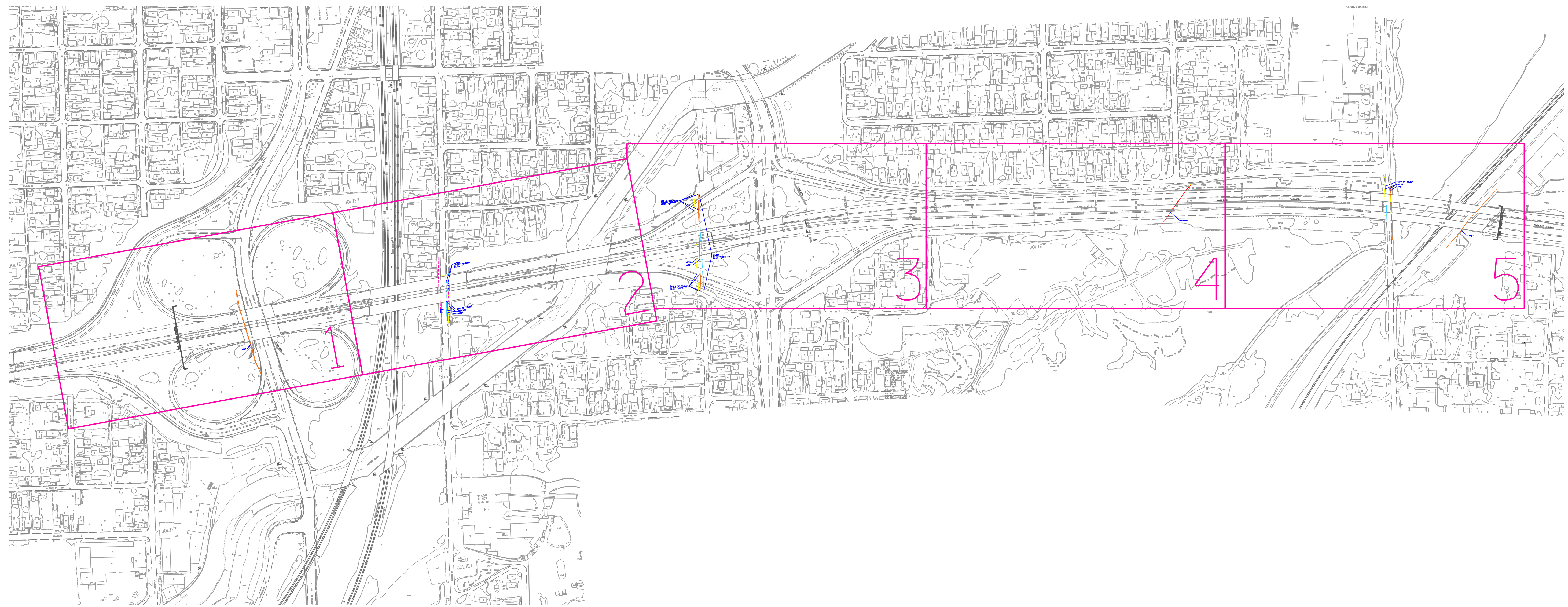
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
 EROSION AND SEDIMENT CONTROL DETAILS

SCALE: N/A SHEET 8 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	126
CONTRACT NO. 60W34				

ILLINOIS FED. AID PROJECT



— A — A — A	AERIAL
— — — — —	UNKNOWN
— O — O — O	OIL
— CTV — CTV — CTV	CABLE TV
— T — T — T	TELEPHONE
— G — G — G	GAS
— E — E — E	ELECTRIC
— W — W — W	WATER
— FO — FO — FO	FIBER OPTIC
⊕	TBE TEST HOLE
EOI	END OF INFORMATION

UTILITY OWNERS	
AT&T	TELEPHONE
CITY OF JOLIET	WATER
COM-ED	ELECTRIC
NICOR	GAS
UNKNOWN	UNKNOWN

Utilities shown on these plans as depicted in the legend have been investigated by Cardno TBE in accordance with SUE Industry Standards. All other information shown has been provided to Cardno TBE by others. Cardno TBE's SUE field investigation was performed 7/28/14 through 8/14/14. Changes to utilities after 8/14/14 may have been made and therefore may result in variances from this plan. Consideration should be given to updating this plan if deemed advisable prior to final design and construction.

ALL UTILITIES SHOWN QUALITY LEVEL "B" UNLESS NOTED OTHERWISE.



TBE Job No. IL09510615
SUE Plan Page: Cover

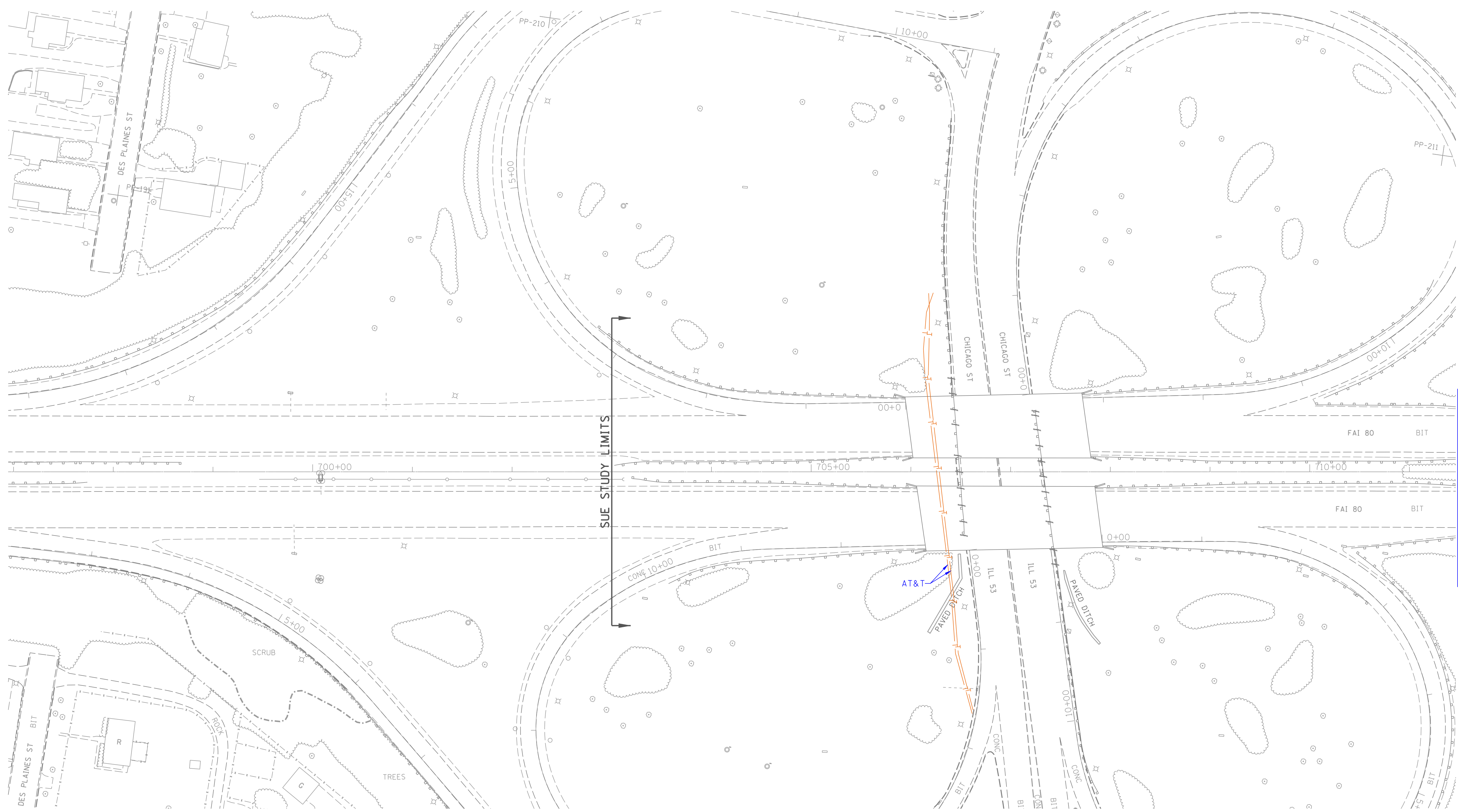
Utility Quality Level "A" : Visually Verified Test Hole
Utility Quality Level "B" : Designating/non Visually Verified Test Hole
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED	IP	REVISED
DRAWN	SRK	REVISED
CHECKED	MGR	REVISED
DATE	8/19/14	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 (Chicago St.) to EJ&E Bridge Crossing
Joliet, Illinois

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2013-008B & 2013-009B	Will	511	127
FED. ROAD DIST. NO.		ILLINOIS	Contract No. 60W34 & 60W35	
		IDOT Project No.		

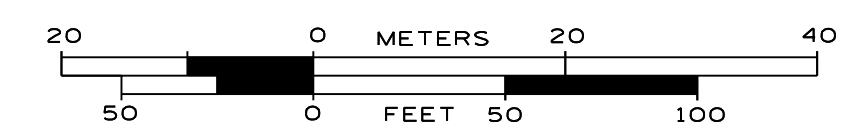


— A — A —	AERIAL
- - - - -	UNKNOWN
— 0 — 0 —	OIL
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
⊕	TBE TEST HOLE
EOI	END OF INFORMATION

UTILITY OWNERS	
AT&T	- TELEPHONE
CITY OF JOLIET	- WATER
COM-ED	- ELECTRIC
NICOR	- GAS
UNKNOWN	- UNKNOWN

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ALL UTILITIES SHOWN QUALITY LEVEL "B"
UNLESS NOTED OTHERWISE.



TBE Job No. IL09510615
SUE Plan Page: 1 of 5

Utility Quality Level "A": Visually Verified Test Hole
Utility Quality Level "B": Designating/non Visually Verified Test Hole
Utility Quality Level "C": Research with Survey
Utility Quality Level "D": Records Research

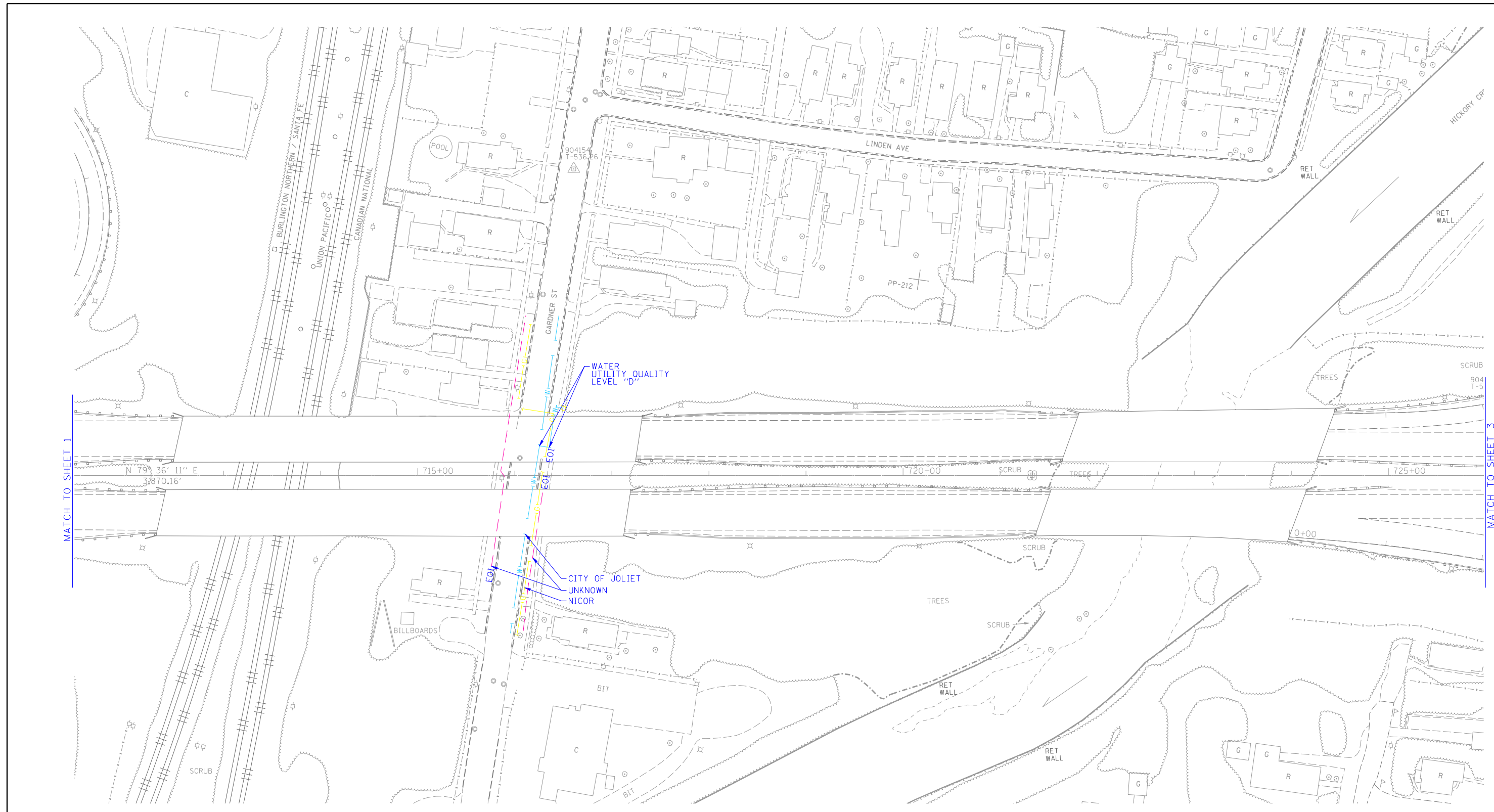
DESIGNED	IP	REVISED
DRAWN	SRK	REVISED
CHECKED	MGR	REVISED
DATE	8/19/14	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 (Chicago St.) to EJ&E Bridge Crossing
Joliet, Illinois

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2013-008B & 2013-009B	Will	511	128

Contract No. 60W34 & 60W35
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.



MATCH TO SHEET 1

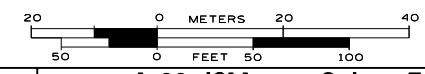
MATCH TO SHEET 3

	A	A	AERIAL
	UNKNOWN		UNKNOWN
	O	O	OIL
	CTV	CTV	CABLE TV
	T	T	TELEPHONE
	G	G	GAS
	E	E	ELECTRIC
	W	W	WATER
	FO	FO	FIBER OPTIC
			TBE TEST HOLE
			END OF INFORMATION

UTILITY OWNERS	
AT&T	- TELEPHONE
CITY OF JOLIET	- WATER
COM-ED	- ELECTRIC
NICOR	- GAS
UNKNOWN	- UNKNOWN

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TBE Job No. IL09510615
SUE Plan Page: 2 of 5

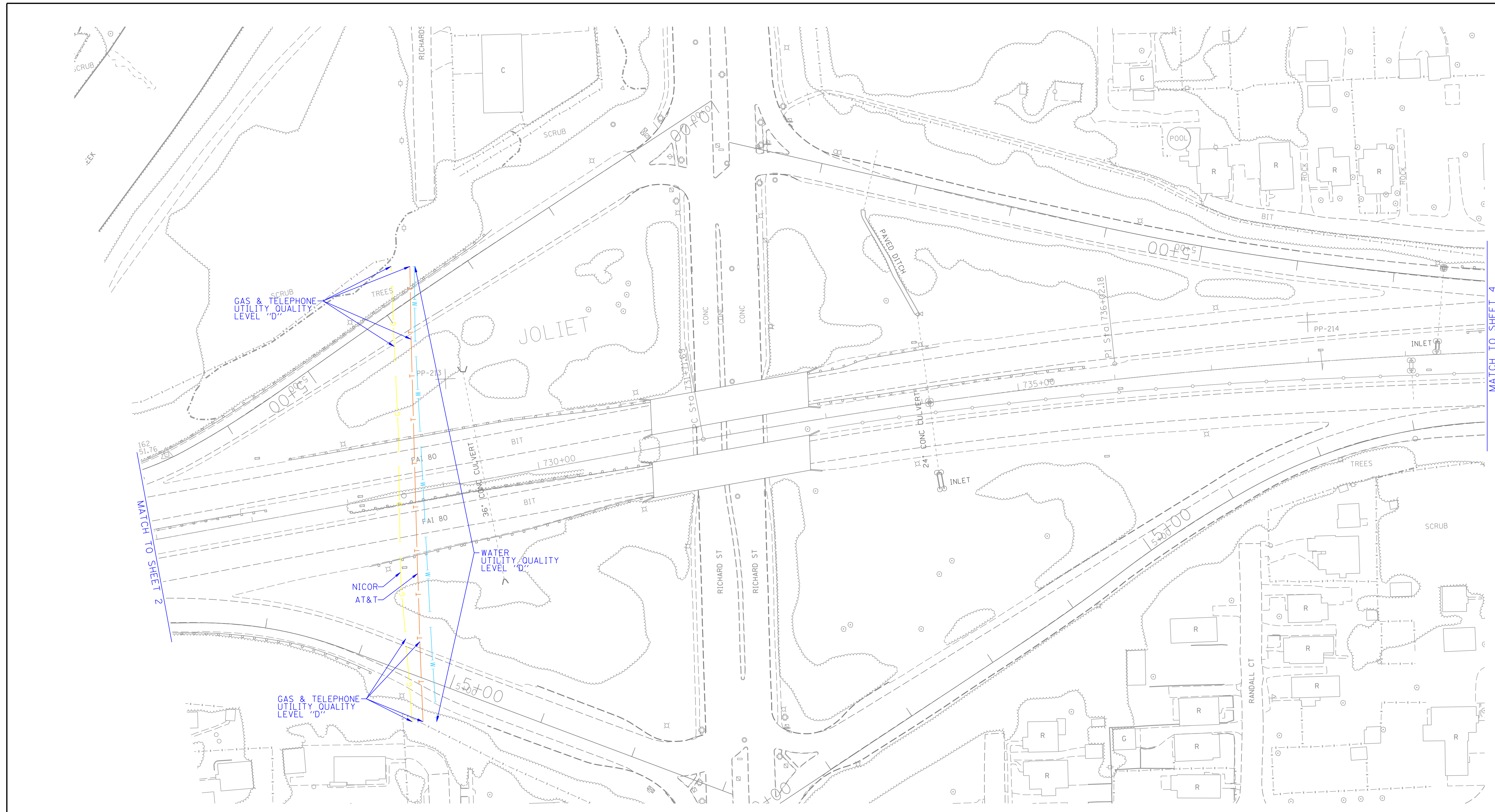
Utility Quality Level "A": Visually Verified Test Hole
Utility Quality Level "B": Designating/non Visually Verified Test Hole
Utility Quality Level "C": Research with Survey
Utility Quality Level "D": Records Research

DESIGNED	IP	REVISED
DRAWN	SRK	REVISED
CHECKED	MGR	REVISED
DATE	8/19/14	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-80 (Chicago St.) to EJ&E Bridge Crossing
Joliet, Illinois**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2013-008B & 2013-009B	Will	511	129
FED. ROAD DIST. NO.		ILLINOIS	Contract No. 60W34 & 60W35	
		IDOT Project No.		



MATCH TO SHEET 2

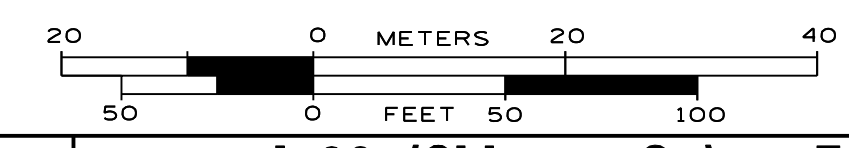
MATCH TO SHEET 4

— A — A —	AERIAL
- - - - -	UNKNOWN
— 0 — 0 —	OIL
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
⊕	TBE TEST HOLE
EOI	END OF INFORMATION

UTILITY OWNERS	
AT&T	- TELEPHONE
CITY OF JOLIET	- WATER
COM-ED	- ELECTRIC
NICOR	- GAS
UNKNOWN	- UNKNOWN

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TBE Job No. IL09510615
SUE Plan Page: 3 of 5

Utility Quality Level "A" : Visually Verified Test Hole
Utility Quality Level "B" : Designating/non Visually Verified Test Hole
Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

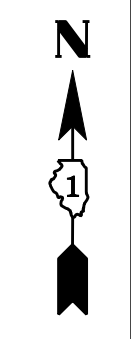
DESIGNED	IP	REVISED
DRAWN	SRK	REVISED
CHECKED	MGR	REVISED
DATE	8/19/14	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-80 (Chicago St.) to EJ&E Bridge Crossing
Joliet, Illinois**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2013-008B & 2013-009B	Will	511	130

Contract No. 60W34 & 60W35
FED. ROAD DIST. NO. ILLINOIS IDOT Project No.



— A — A —	AERIAL
- - - - -	UNKNOWN
— 0 — 0 —	OIL
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
⊕	TBE TEST HOLE
EOI	END OF INFORMATION

UTILITY OWNERS	
AT&T	- TELEPHONE
CITY OF JOLIET	- WATER
COM-ED	- ELECTRIC
NICOR	- GAS
UNKNOWN	- UNKNOWN

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UNLESS NOTED OTHERWISE.



TBE Job No. IL09510615
SUE Plan Page: 4 of 5

Utility Quality Level "A": Visually Verified Test Hole
Utility Quality Level "B": Designating/non Visually Verified Test Hole
Utility Quality Level "C": Research with Survey
Utility Quality Level "D": Records Research

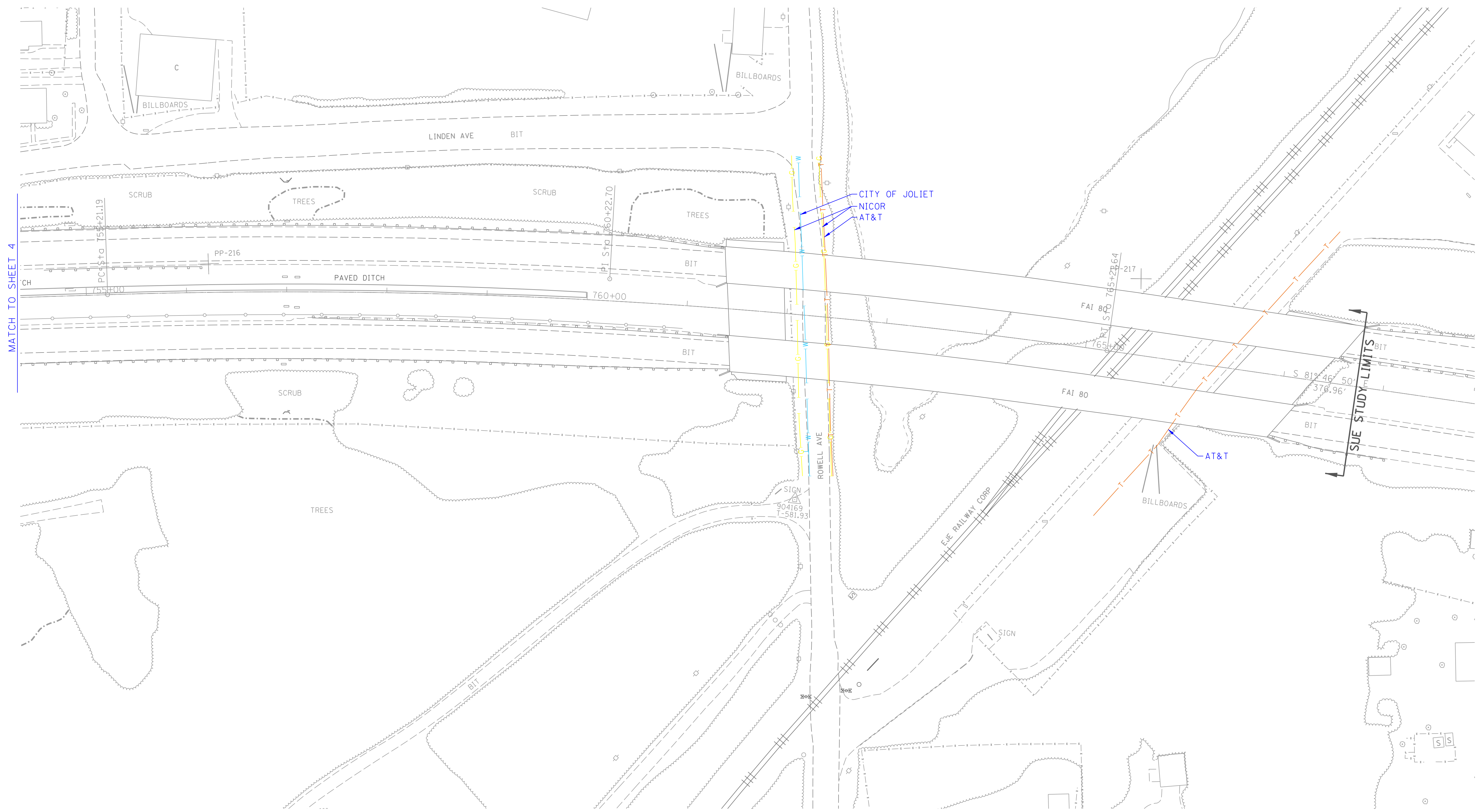
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DRAWN	SRK	REVISED
CHECKED	MGR	REVISED
DATE	8/19/14	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 (Chicago St.) to EJ&E Bridge Crossing
Joliet, Illinois

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2013-008B & 2013-009B	Will	511	131
FED. ROAD DIST. NO.		ILLINOIS	IDOT Project No.	

Contract No. 60W34 & 60W35



MATCH TO SHEET 4

SUE STUDY LIMITS

CITY OF JOLIET
NICOR
AT&T

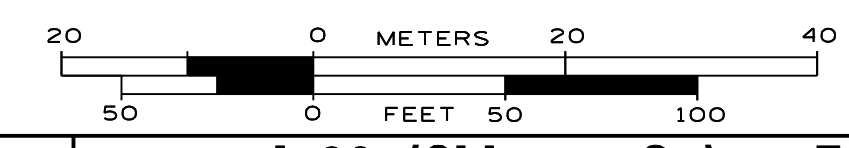
AT&T

— A — A —	AERIAL
- - - - -	UNKNOWN
— O — O —	OIL
— CTV — CTV —	CABLE TV
— T — T —	TELEPHONE
— G — G —	GAS
— E — E —	ELECTRIC
— W — W —	WATER
— FO — FO —	FIBER OPTIC
⊕	TBE TEST HOLE
EOI	END OF INFORMATION

UTILITY OWNERS	
AT&T - TELEPHONE	
CITY OF JOLIET - WATER	
COM-ED - ELECTRIC	
NICOR - GAS	
UNKNOWN - UNKNOWN	

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TBE Job No. IL09510615
SUE Plan Page: 5 of 5

Utility Quality Level "A" : Visually Verified Test Hole
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Utility Quality Level "C" : Research with Survey
Utility Quality Level "D" : Records Research

DESIGNED	IP	REVISED
DRAWN	SRK	REVISED
CHECKED	MGR	REVISED
DATE	8/19/14	REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

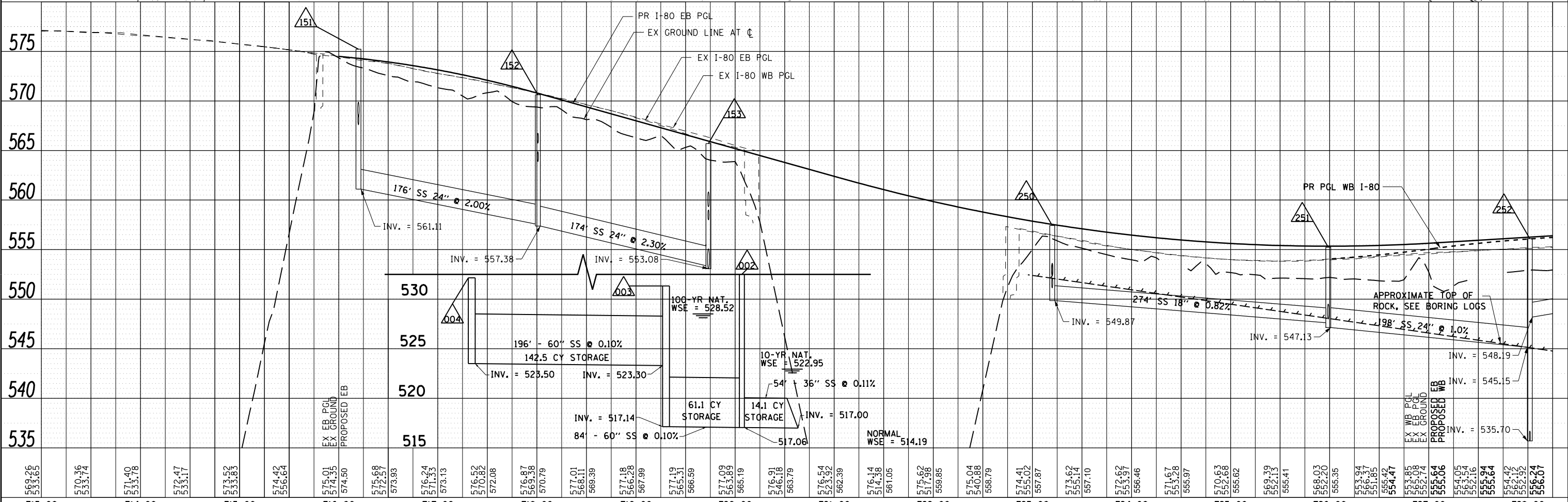
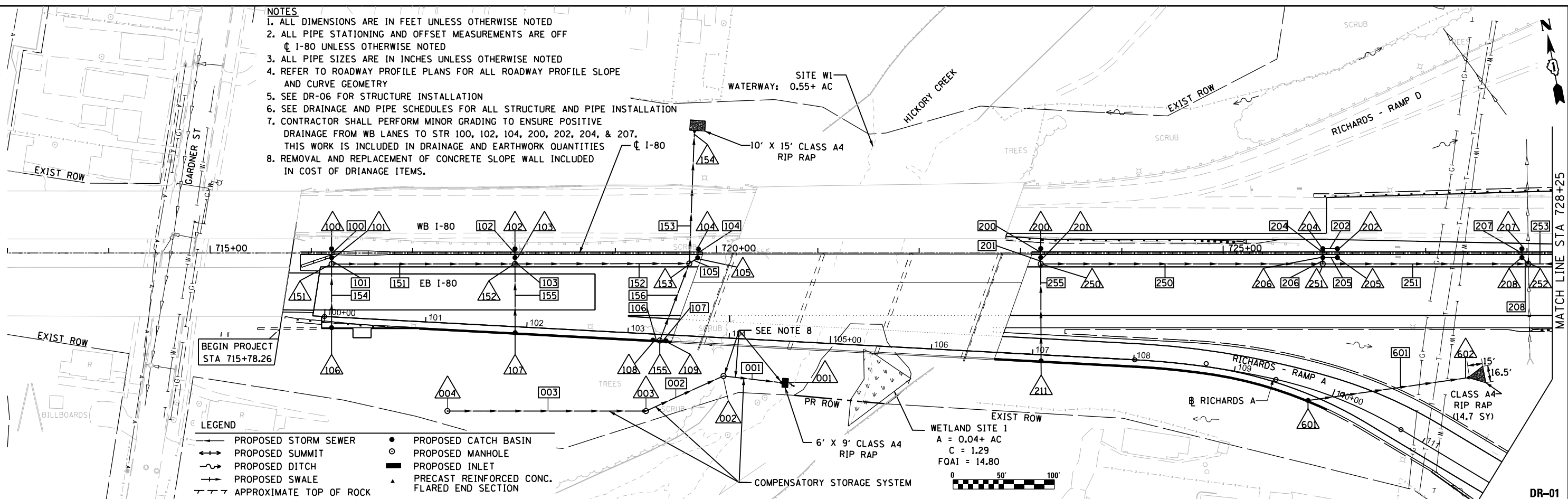
I-80 (Chicago St.) to EJ&E Bridge Crossing
Joliet, Illinois

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	2013-008B & 2013-009B	Will	511	132
FED. ROAD DIST. NO.		ILLINOIS	IDOT Project No.	

PLAN	SURVEYED	DATE
	PLOTTED	
	NOTED	
	NO. _____	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NO. _____	

- NOTES**
- ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED
 - ALL PIPE STATIONING AND OFFSET MEASUREMENTS ARE OFF \oslash I-80 UNLESS OTHERWISE NOTED
 - ALL PIPE SIZES ARE IN INCHES UNLESS OTHERWISE NOTED
 - REFER TO ROADWAY PROFILE PLANS FOR ALL ROADWAY PROFILE SLOPE AND CURVE GEOMETRY
 - SEE DR-06 FOR STRUCTURE INSTALLATION
 - SEE DRAINAGE AND PIPE SCHEDULES FOR ALL STRUCTURE AND PIPE INSTALLATION
 - CONTRACTOR SHALL PERFORM MINOR GRADING TO ENSURE POSITIVE DRAINAGE FROM WB LANES TO STR 100, 102, 104, 200, 202, 204, & 207. THIS WORK IS INCLUDED IN DRAINAGE AND EARTHWORK QUANTITIES
 - REMOVAL AND REPLACEMENT OF CONCRETE SLOPE WALL INCLUDED IN COST OF DRAINAGE ITEMS.



713+00	714+00	715+00	716+00	717+00	718+00	719+00	720+00	721+00	722+00	723+00	724+00	725+00	726+00	727+00	728+00
USER NAME = kichen		DESIGNED - MMK	REVISED -												
DRAWN - ATR		CHECKED - MAM	REVISED -												
PLOT SCALE = 100.000' / in.		DATE - \$DATE	REVISED -												
PLOT DATE = 6/24/2020															
FILE NAME = D150W34-sht-drainplan-rf01.dgn															



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
PROPOSED DRAINAGE PLAN AND PROFILE**

SCALE: 1" = 50' SHEET 1 OF 5 SHEETS STA. 715+78.26 TO STA. 728+25

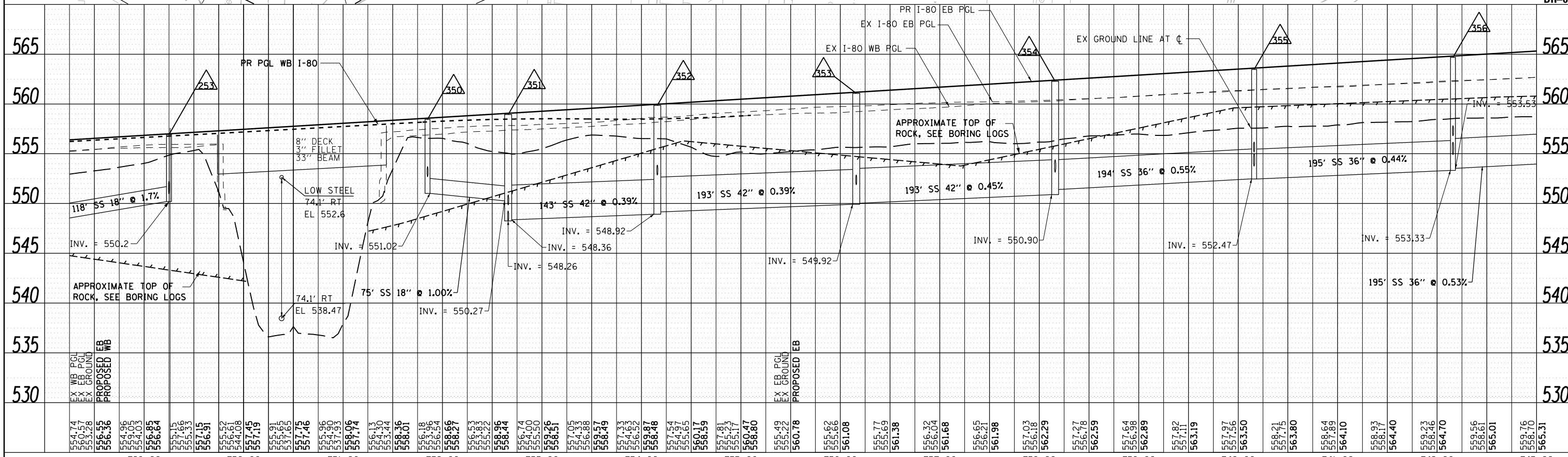
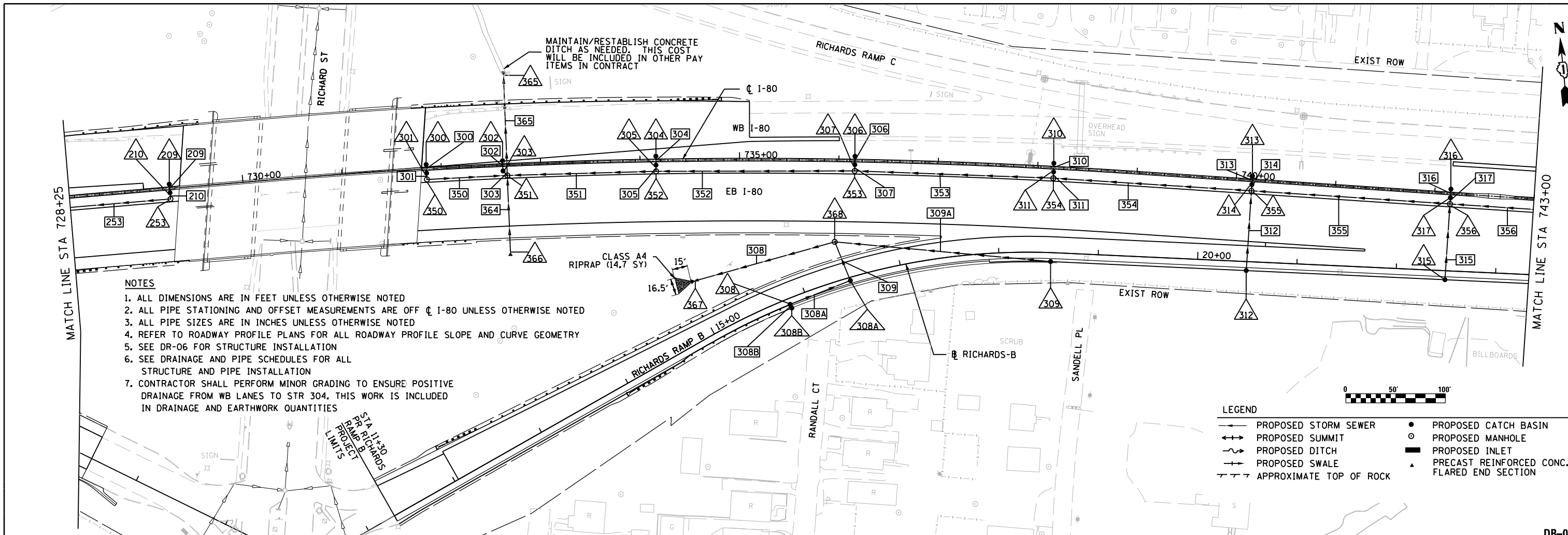
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	133
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

MATCH LINE STA 728+25

DR-01

PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	FILED	
NOTE BOOK NO.	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS OK'D	
NOTE BOOK NO.	CADD FILE NAME	

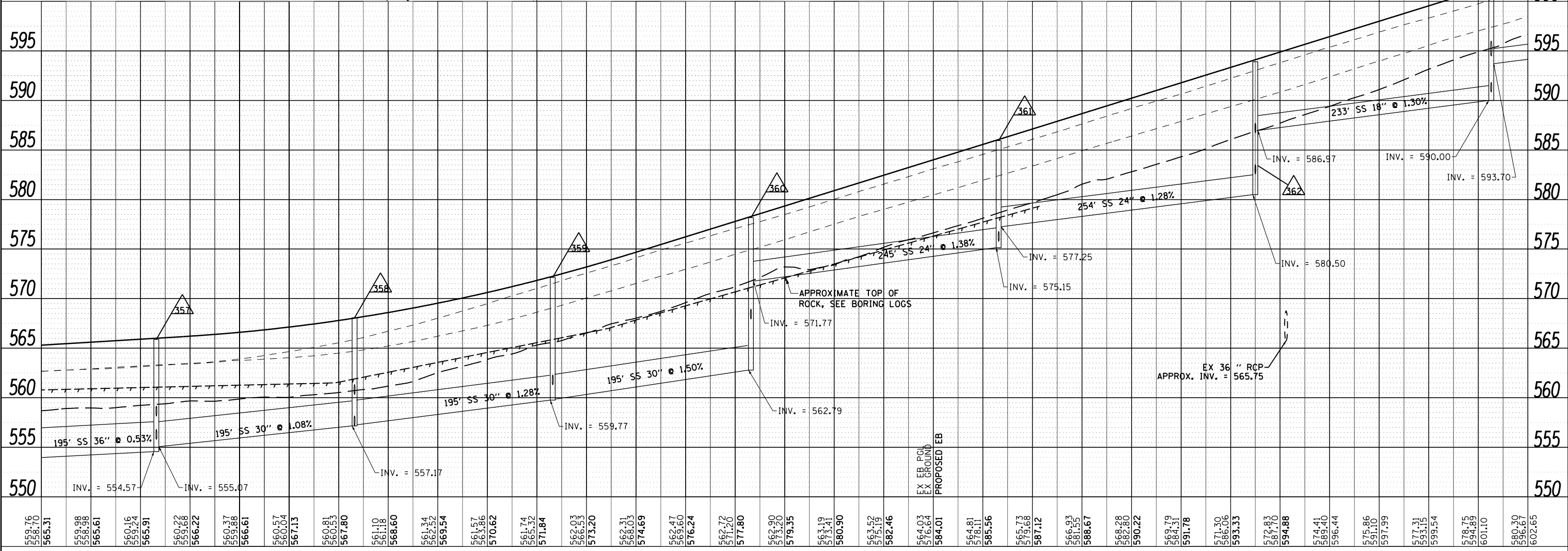
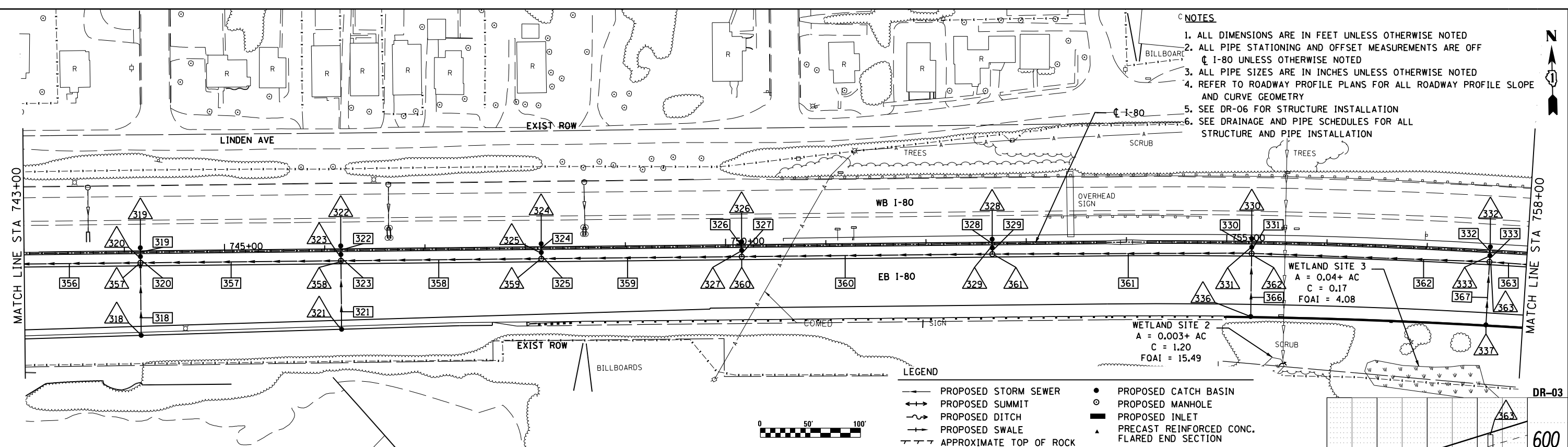


USER NAME = kichen	DESIGNED - MMK	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			EB I-80 FROM GARDNER STREET TO ROWELL AVENUE PROPOSED DRAINAGE PLAN AND PROFILE			F.A.I. R.T.E. 80 SECTION 2013-008B COUNTY WILL CONTRACT NO. 60W34
PLOT SCALE = 100.000' / in.	DRAWN - ATR	REVISED -		SCALE: 1" = 50'			SHEET 2 OF 5 SHEETS			TOTAL SHEETS 134
PLOT DATE = 6/24/2020	CHECKED - MAM	REVISED -		STA. 728+25 TO STA. 743+00			ILLINOIS FED. AID PROJECT			
FILE NAME = D160W34-sht-drnplnprf02.dgn	DATE - \$DATE	REVISED -								

PLAN	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	FILE NAME	

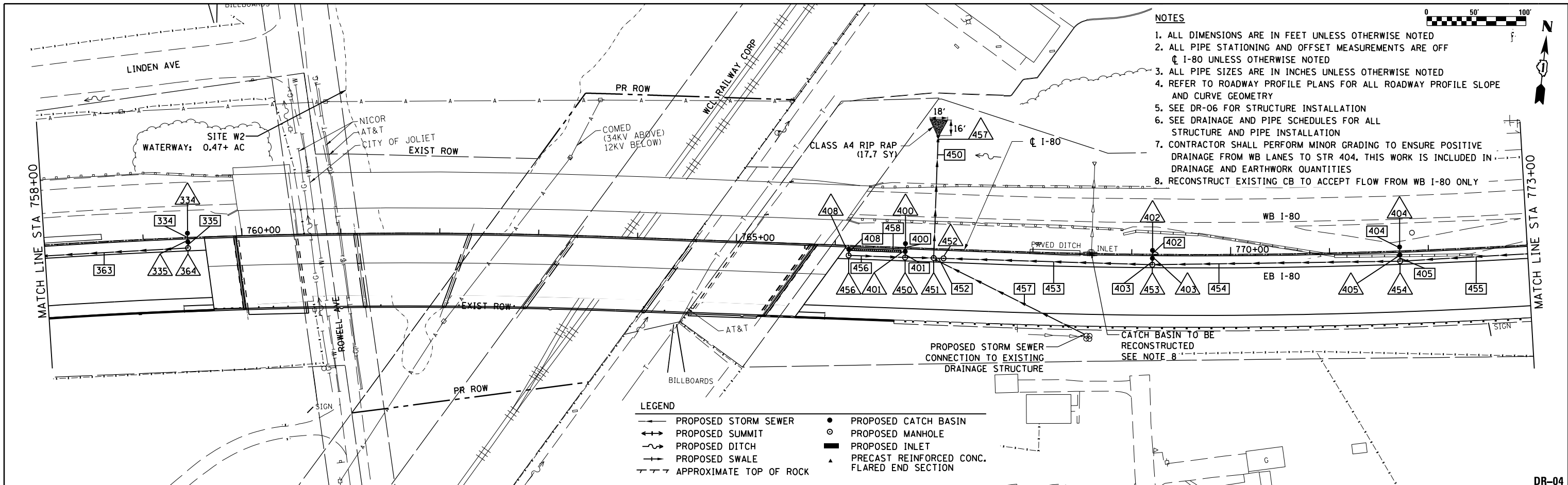
- NOTES**
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED
 2. ALL PIPE STATIONING AND OFFSET MEASUREMENTS ARE OFF \pm 1-80 UNLESS OTHERWISE NOTED
 3. ALL PIPE SIZES ARE IN INCHES UNLESS OTHERWISE NOTED
 4. REFER TO ROADWAY PROFILE PLANS FOR ALL ROADWAY PROFILE SLOPE AND CURVE GEOMETRY
 5. SEE DR-06 FOR STRUCTURE INSTALLATION
 6. SEE DRAINAGE AND PIPE SCHEDULES FOR ALL STRUCTURE AND PIPE INSTALLATION



559.76 558.70 555.31	559.98 556.98 555.61	560.16 559.24 555.91	560.22 559.68 556.22	560.37 559.88 556.61	560.57 560.04 567.13	560.81 560.53 567.80	561.10 561.18 558.60	561.34 562.52 569.54	561.57 563.86 570.62	561.74 565.32 571.84	562.03 566.53 573.20	562.31 568.03 574.69	562.47 569.60 576.24	562.72 571.26 577.80	562.90 573.20 579.35	563.19 573.41 580.90	563.52 575.19 582.46	564.03 576.64 584.01	564.81 578.11 585.56	565.73 579.68 587.12	566.93 581.55 588.67	568.28 582.80 590.22	569.79 584.31 591.78	571.30 586.06 593.33	572.83 587.70 594.88	574.41 589.40 596.44	575.86 591.10 597.99	577.31 593.15 599.54	578.75 594.89 601.10	580.30 596.67 602.65
743+00	744+00	745+00	746+00	747+00	748+00	749+00	750+00	751+00	752+00	753+00	754+00	755+00	756+00	757+00	758+00															
USER NAME = kichen		DESIGNED - MMK	REVISED -	DRAWN - ATR		REVISED -	CHECKED - MAM		REVISED -	DATE - \$DATE		REVISED -			STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		EB I-80 FROM GARDNER STREET TO ROWELL AVENUE PROPOSED DRAINAGE PLAN AND PROFILE		SCALE: 1" = 50' SHEET 3 OF 5 SHEETS STA. 743+00 TO STA. 748+00		SECTION 80 COUNTY WILL CONTRACT NO. 60W34		TOTAL SHEETS 511 SHEET NO. 135		ILLINOIS FED. AID PROJECT					

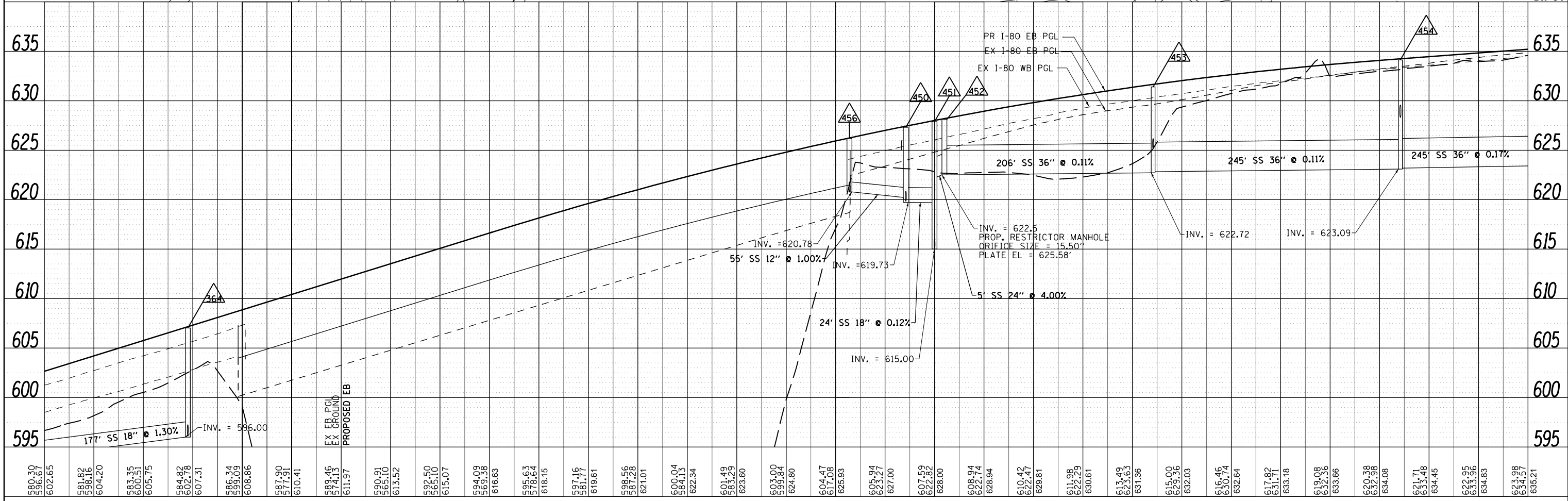
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	PLOTTED	
	NOTE BOOK	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	NOTE BOOK	
	NO.	



- NOTES**
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED
 2. ALL PIPE STATIONING AND OFFSET MEASUREMENTS ARE OFF ϕ I-80 UNLESS OTHERWISE NOTED
 3. ALL PIPE SIZES ARE IN INCHES UNLESS OTHERWISE NOTED
 4. REFER TO ROADWAY PROFILE PLANS FOR ALL ROADWAY PROFILE SLOPE AND CURVE GEOMETRY
 5. SEE DR-06 FOR STRUCTURE INSTALLATION
 6. SEE DRAINAGE AND PIPE SCHEDULES FOR ALL STRUCTURE AND PIPE INSTALLATION
 7. CONTRACTOR SHALL PERFORM MINOR GRADING TO ENSURE POSITIVE DRAINAGE FROM WB LANES TO STR 404. THIS WORK IS INCLUDED IN DRAINAGE AND EARTHWORK QUANTITIES
 8. RECONSTRUCT EXISTING CB TO ACCEPT FLOW FROM WB I-80 ONLY

- LEGEND**
- PROPOSED STORM SEWER
 - PROPOSED SUMMIT
 - - - PROPOSED DITCH
 - PROPOSED SWALE
 - - - APPROXIMATE TOP OF ROCK
 - PROPOSED CATCH BASIN
 - PROPOSED MANHOLE
 - PROPOSED INLET
 - ▲ PRECAST REINFORCED CONC. FLARED END SECTION



758+00	759+00	760+00	761+00	762+00	763+00	764+00	765+00	766+00	767+00	768+00	769+00	770+00	771+00	772+00	773+00
580.30	581.82	583.35	584.82	586.34	587.90	589.49	591.04	592.56	594.07	595.56	597.04	598.50	600.04	601.49	603.00
596.67	598.16	600.51	602.78	605.09	607.91	611.19	614.93	619.18	623.93	629.14	634.81	640.98	647.67	654.91	662.67
602.65	604.20	605.75	607.31	608.86	610.41	611.97	613.52	615.07	616.63	618.15	619.61	621.01	622.34	623.60	624.80
620.65	621.20	621.75	622.31	622.86	623.41	623.97	624.52	625.07	625.63	626.15	626.61	627.01	627.34	627.60	627.80
625.65	626.20	626.75	627.31	627.86	628.41	628.97	629.52	630.07	630.63	631.15	631.61	632.01	632.34	632.60	632.80
630.65	631.20	631.75	632.31	632.86	633.41	633.97	634.52	635.07	635.63	636.15	636.61	637.01	637.34	637.60	637.80
635.65	636.20	636.75	637.31	637.86	638.41	638.97	639.52	640.07	640.63	641.15	641.61	642.01	642.34	642.60	642.80

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 PLOT DATE = 6/24/2020
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DESIGNED - MMK	REVISED -
DRAWN - ATR	REVISED -
CHECKED - MAM	REVISED -
DATE - \$DATE	REVISED -



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

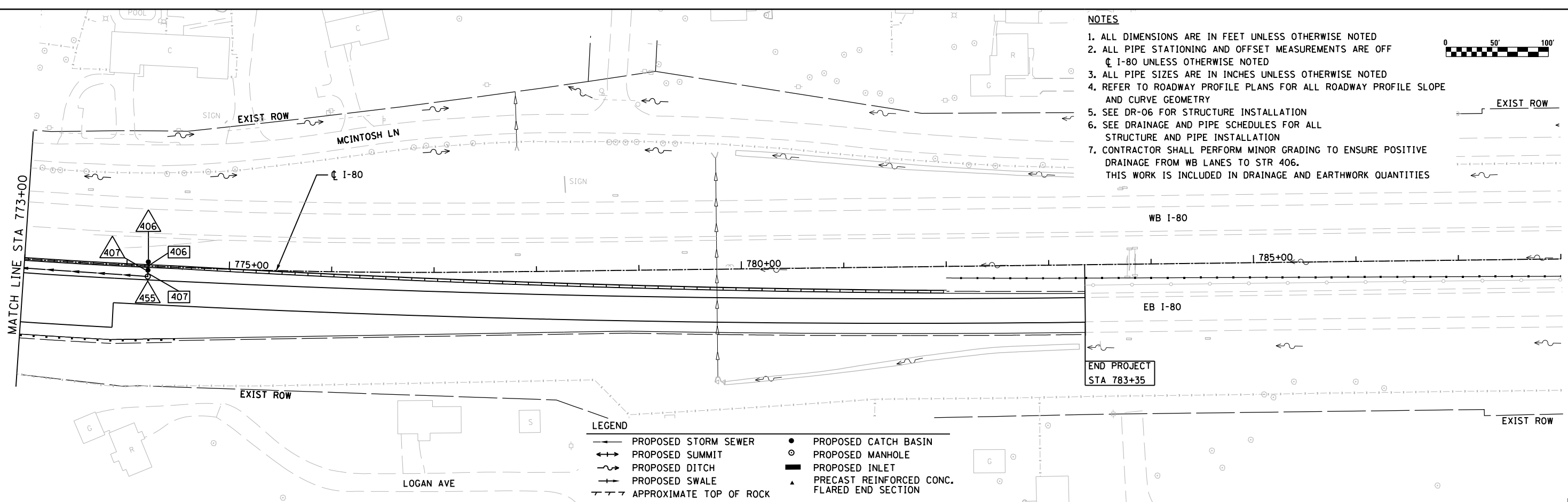
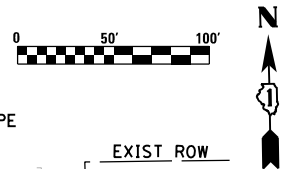
EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
 PROPOSED DRAINAGE PLAN AND PROFILE
 SCALE: 1" = 50'
 SHEET 4 OF 5 SHEETS
 STA. 758+00 TO STA. 773+00

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	136
CONTRACT NO. 60W34			ILLINOIS FED. AID PROJECT	

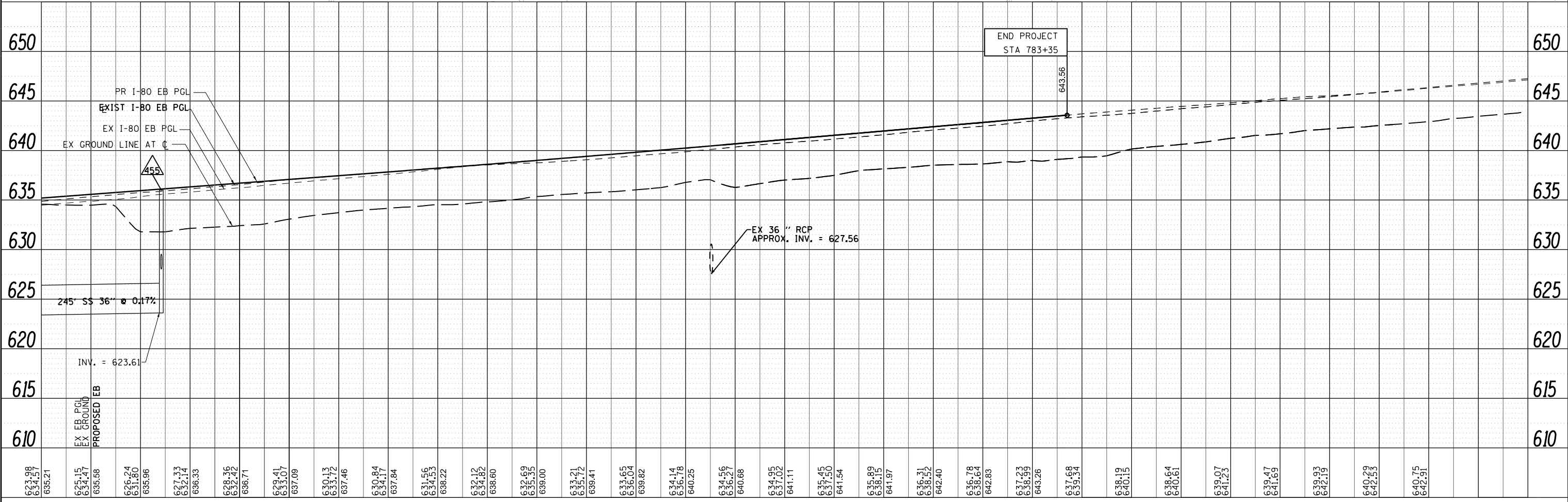
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	ALIGNED		
	CHECKED		
	FILED		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES		
	CHECKED		
	STRUCTURE		
	NOTATIONS		
	NO.		

- NOTES**
1. ALL DIMENSIONS ARE IN FEET UNLESS OTHERWISE NOTED
 2. ALL PIPE STATIONING AND OFFSET MEASUREMENTS ARE OFF \odot I-80 UNLESS OTHERWISE NOTED
 3. ALL PIPE SIZES ARE IN INCHES UNLESS OTHERWISE NOTED
 4. REFER TO ROADWAY PROFILE PLANS FOR ALL ROADWAY PROFILE SLOPE AND CURVE GEOMETRY
 5. SEE DR-06 FOR STRUCTURE INSTALLATION
 6. SEE DRAINAGE AND PIPE SCHEDULES FOR ALL STRUCTURE AND PIPE INSTALLATION
 7. CONTRACTOR SHALL PERFORM MINOR GRADING TO ENSURE POSITIVE DRAINAGE FROM WB LANES TO STR 406. THIS WORK IS INCLUDED IN DRAINAGE AND EARTHWORK QUANTITIES

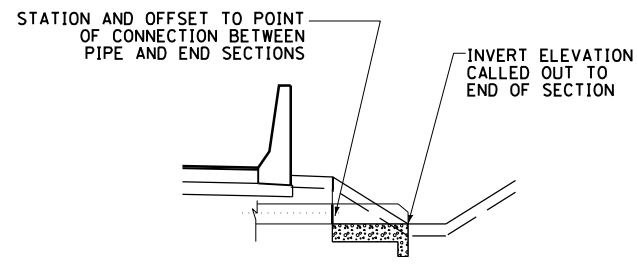


- LEGEND**
- PROPOSED STORM SEWER
 - PROPOSED SUMMIT
 - PROPOSED DITCH
 - PROPOSED SWALE
 - APPROXIMATE TOP OF ROCK
 - PROPOSED CATCH BASIN
 - PROPOSED MANHOLE
 - PROPOSED INLET
 - ▲ PRECAST REINFORCED CONC. FLARED END SECTION

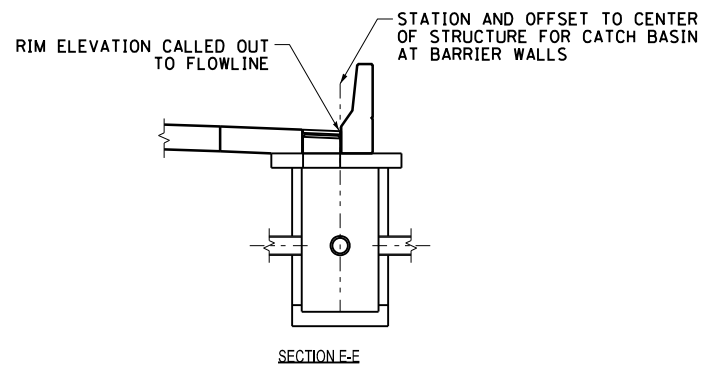


623.98	634.57	635.21	625.15	634.47	635.58	626.24	631.80	635.96	627.33	632.14	636.33	628.36	632.42	636.71	629.41	633.07	637.09	630.13	635.12	637.46	630.84	634.17	637.84	631.56	634.53	638.22	632.12	634.82	638.60	632.69	635.35	639.00	633.21	635.72	639.41	633.65	636.04	639.82	634.14	636.78	640.25	634.56	636.27	640.68	634.95	637.02	641.11	635.45	637.50	641.54	635.89	638.15	641.97	636.31	638.52	642.40	636.78	638.64	642.83	637.23	638.99	643.26	637.68	639.34	643.56	638.19	640.15	638.64	640.61	639.07	641.23	639.47	641.69	639.93	642.19	640.29	642.53	640.75	642.91
773+00			774+00			775+00			776+00			777+00			778+00			779+00			780+00			781+00			782+00			783+00			784+00			785+00			786+00			787+00																																					
USER NAME = kichen		DESIGNED - MMK		REVISED -		DRAWN - ATR		REVISED -		CHECKED - MAM		REVISED -		DATE - \$DATE		REVISED -				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		EB I-80 FROM GARDNER STREET TO ROWELL AVENUE PROPOSED DRAINAGE PLAN AND PROFILE		SCALE: 1" = 50'		SHEET 5 OF 5 SHEETS		STA. 773+00 TO STA. 778+35		SECTION 80 COUNTY WILL CONTRACT NO. 60W34		TOTAL SHEETS 511 SHEET NO. 137		ILLINOIS FED. AID PROJECT																																													

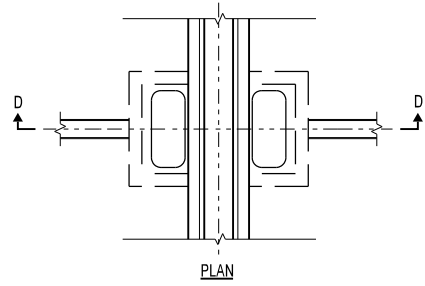
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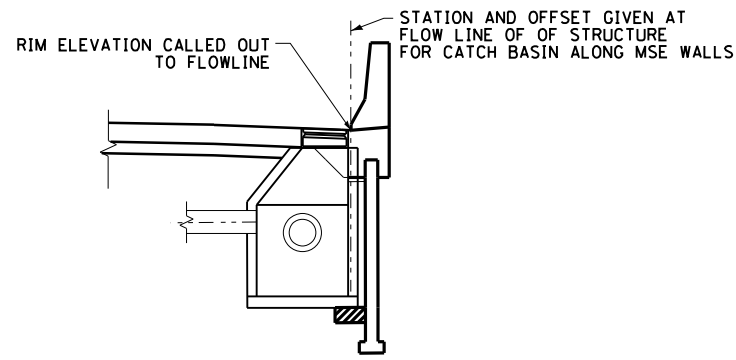
ELEVATION - FLARED END SECTION



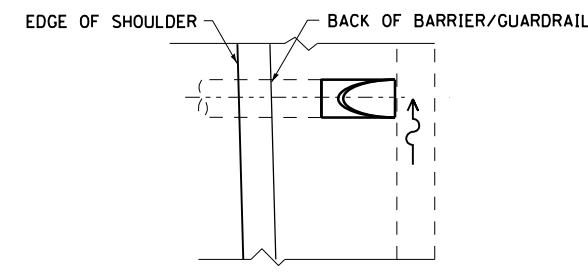
ELEVATION - CATCH BASINS AT BARRIERS WALLS



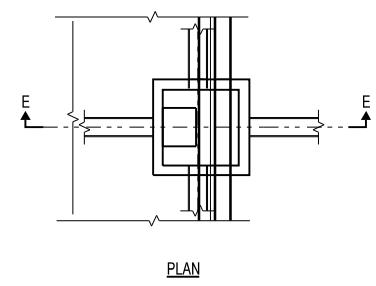
PLAN VIEW - MEDIAN DRAINAGE STRUCTURES ADJACENT TO BARRIER WALLS



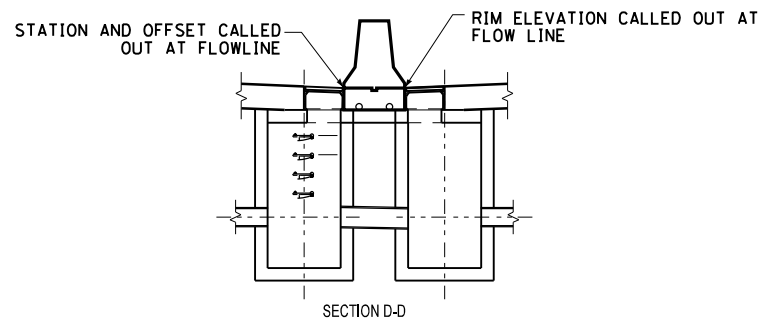
ELEVATION - CATCH BASINS ALONG RETAINING WALLS



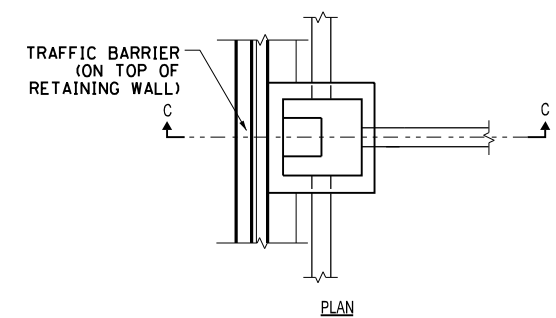
PLAN VIEW - FLARED END SECTION



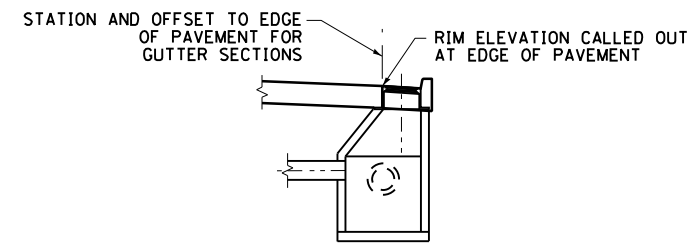
PLAN VIEW - CATCH BASINS AT BARRIER WALLS



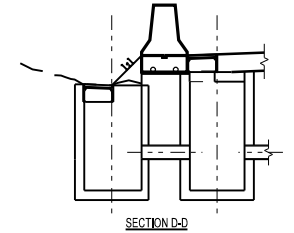
ELEVATION - MEDIAN DRAINAGE STRUCTURES ADJACENT TO BARRIER WALLS



PLAN VIEW - CATCH BASINS ALONG RETAINING WALLS

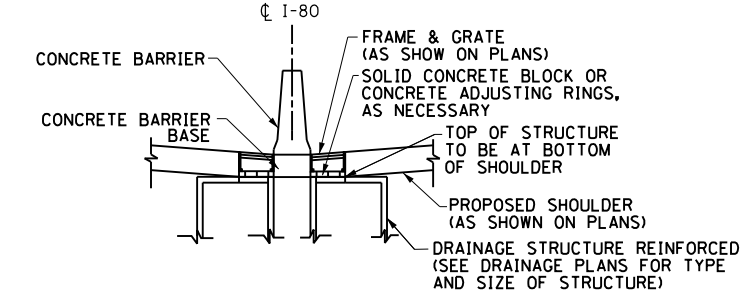


ELEVATION - CATCH BASIN W/TYPE A GUTTER

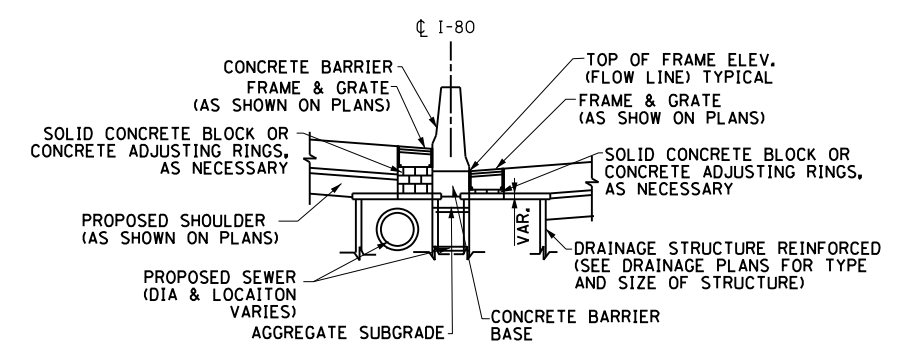


ELEVATION - MEDIAN DRAINAGE STRUCTURES PLACED AT EXISTING GROUND ADJACENT TO PROPOSED BARRIER WALLS

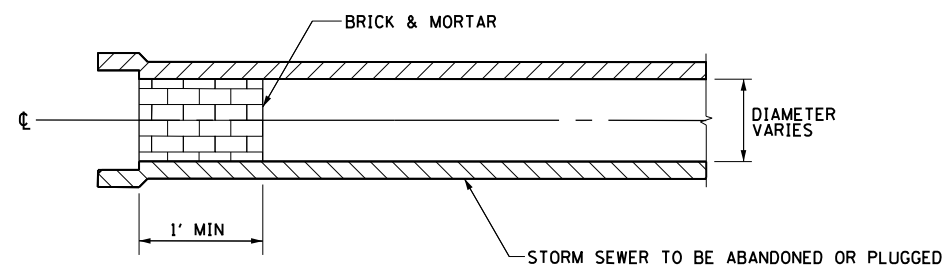
• DETAIL APPLICABLE FOR STRUCTURES 100, 102, 104, 200, 202, 204, 207, 304, 306, 310 INSTALLED ON THE WB SIDE. SEE DRAINAGE SCHEDULES FOR RIM ELEVATIONS FOR PROPOSED STRUCTURES CONSTRUCTED ON WB I-80.



SIDE ELEVATION CONCRETE BARRIER



SIDE ELEVATION CONCRETE BARRIER, VARIABLE CROSS SECTION

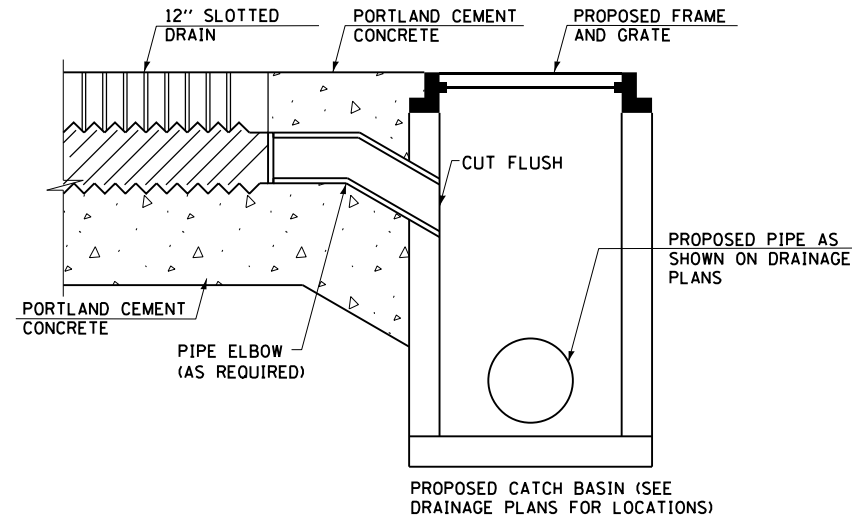


STORM SEWER PLUG

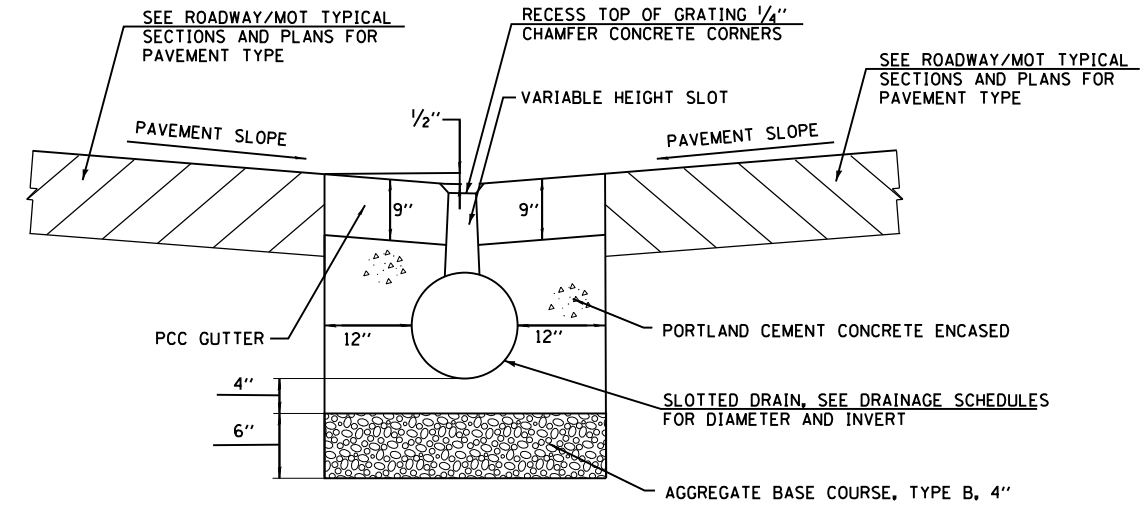
THIS WORK SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE BID FOR THE STORM SEWER ITEMS.

NOTES:

1. THE COST OF SOLID CONCRETE BLOCK OR CONCRETE ADJUSTING RINGS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE OF DRAINAGE STRUCTURES OF TYPE OR SIZE SPECIFIED.
2. SEE STATE AND DISTRICT 1 STANDARDS FOR DRAINAGE STRUCTURE DETAILS.
3. FOR STRUCTURE AND PIPE INFORMATION SEE DRAINAGE SCHEDULES.



CONNECTION TO PROPOSED CATCH BASIN
SECTION VIEW



NOTE:
PROVIDE CONSTRUCTION JOINTS PERPENDICULAR TO CENTERLINE OF PIPE 12 1/4" TO 21 1/4" SPACING USING NO 15 TIE BARS PLACED EITHER SIDE OF SLOTTED DRAIN, 3" MIN. COVER AT MID DEPTH

NOTES:

1. ALL SLOTTED DRAINS ARE 12 IN DIAMETER, SLOT WIDTH SHALL BE 1-3/4 IN.. SPACER BARS SHALL BE 3/16 IN. SOLID WEB SPACERS ON 6 IN. CENTERS FOR THE FULL DEPTH OF THE GRATING.
2. THE HEIGHT OF THE SLOT CAN BE VARIED FROM 2 1/4" TO 12" MAX. IN ORDER TO INCREASE SLOPE AND VELOCITY OF PIPE PROVIDING SELF CLEANING ABILITY.
3. UPSTREAM INVERT TO BE 2 1/4" OR APPROPRIATE DEPTH TO MAINTAIN 2 1/4" MIN. HEIGHT OF SLOT.
4. THE UPSTREAM END OF EACH SLOTTED DRAIN INSTALLATION SHALL BE SEALED WITH A WELDED END PLATE IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
5. THE SLOTTED DRAIN SHALL BE INSTALLED IN A TRENCH EXCAVATED TO THE REQUIRED GRADE, AS NOTED IN THE PLANS, WIDE ENOUGH TO ACCOMMODATE PIPEDRAIN. IF TRENCH IS EXCAVATED TOO DEEP, ADDITIONAL DEPTH SHALL BE FILLED WITH APPROVED FINE AGGREGATE AND COMPACTED TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST
6. CONNECTION TO EXISTING AND PROPOSED DRAINAGE STRUCTURES IS INCLUDED IN THE UNIT PRICE OF THE SLOTTED DRAIN. ALL MATERIALS REQUIRED FOR CONNECTION INCLUDED IN UNIT PRICE OF SLOTTED DRAIN.
7. PRIOR TO BACKFILLING THE SLOTTED DRAIN SHALL BE COVERED TO PREVENT THE INTRUSION OF FOREIGN MATERIAL DURING BACKFILLING AND PAVING OPERATIONS.

8. CLASS SI CONCRETE SHALL BE USED THROUGHOUT AND INCIDENTAL TO COST OF SLOTTED DRAIN.
9. THE SLOTTED DRAIN SHALL BE CORRUGATED PIPE CULVERT WITH INTEGRAL SLOTTED DRAINS. BEFORE PLACING THE CONCRETE ADJACENT TO THE PIPE, THE SLOT SHALL BE COVERED BY EITHER THIN, FLAT METAL SHEETING OR BY A BOARD NOTCHED TO FIT OVER THE GRATE BARS. THIS COVERING MUST FIT CLOSELY IN THE SLOT TO PREVENT ENTRY OF CONCRETE INTO THE PIPE.
10. PAVING OVER THE SLOTTED DRAIN WILL THEN BE ONE CONTINUOUS OPERATION OVER THE PROTECTED DRAIN. THE PROTECTION FOR THE DRAIN SLOT SHALL THEN BE REMOVED. THE PIPE SHALL DRAIN INTO THE SIDE OF THE INLET.
11. THE OPENING WHERE THE SLOT IS REMOVED SHALL BE COVERED TO PREVENT CONCRETE FROM ENTERING THE PIPE.
12. THE CORRUGATED STEEL PIPE USED IN THE SLOTTED DRAIN SHALL MEET THE REQUIREMENTS OF AASHTO M-36/ASTM A 760. THE CMP SHALL BE GALVANIZED OR ALUMINIZED STEEL TYPE 2. STEEL GRATING SHALL MEET THE GALVANIZING REQUIREMENTS OF AASHTO M-111. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR SLOTTED DRAIN PIPE, AND SHALL INCLUDE ELBOWS.
13. USE APPROVED END CAP TO PREVENT CONCRETE ENTRY INTO THE PIPE DURING GUTTER CONSTRUCTION ON THE UPSTREAM END OF PIPE.
14. DIMENSIONS ARE SUBJECT TO THE FOLLOWING MANUFACTURING TOLERANCES:
 1. VERTICAL BOW +3/8"
 2. HORIZONTAL BOW +5/8"
 3. TWIST ±1/2"
15. THE REMOVAL OF THE TEMPORARY SLOTTED DRAIN WHEN COMPLETE WITH MOT STAGING SHALL BE INCLUDED IN THE COST OF THE PAVEMENT REMOVAL.

16. THE 4" AGGREGATE BASE COURSE MATERIAL TYPE B AND 9" PCC GUTTER ARE INCLUDED IN THE COST OF THE SLOTTED DRAIN.
17. ALL TRAFFIC CONTROL DEVICES AND ADVANCED SIGNING FOR THE PROPOSED SLOTTED DRAIN WORK SHALL BE PLACED ACCORDING TO STATE HIGHWAY STANDARDS 701400 AND 701401.
18. ALL OPEN HOLES SHALL BE COVERED WITH A STEEL PLATE AND THE GORE AREA SHALL BE BARRICADED. BOTH STEEL PLATES AND BARRICADES SHALL BE INSTALLED PER THE SATISFACTION OF THE ENGINEER. THE COST OF THE STEEL PLATE AND ALL TRAFFIC CONTROL DEVICES SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAY).

USER NAME = kichen	DESIGNED - ATR	REVISED -
	DRAWN - ATR	REVISED -
PLOT SCALE = 2.0000' / in.	CHECKED - MAM	REVISED -
PLOT DATE = 6/24/2020	DATE - \$DATE	REVISED -

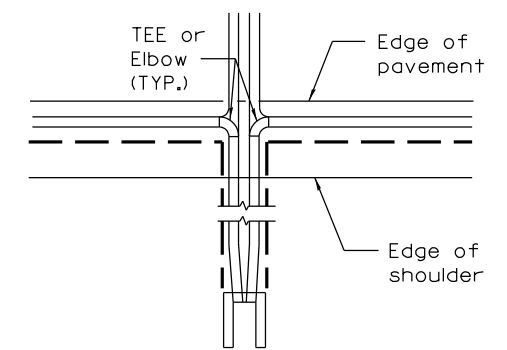
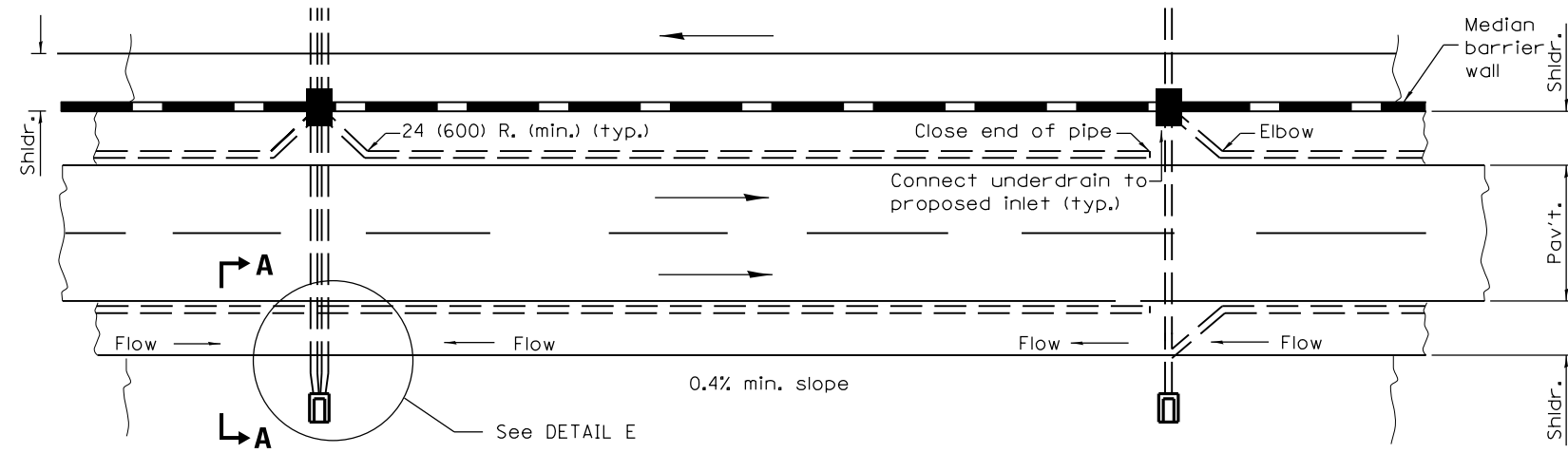


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
UNDERDRAIN DETAILS

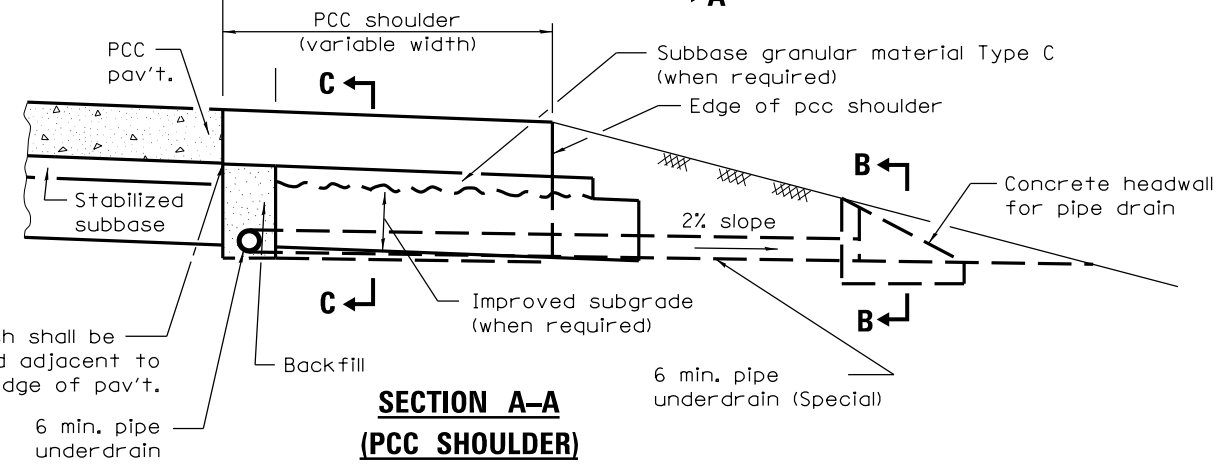
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	140
			CONTRACT NO. 60W34	
ILLINOIS FED. AID PROJECT				

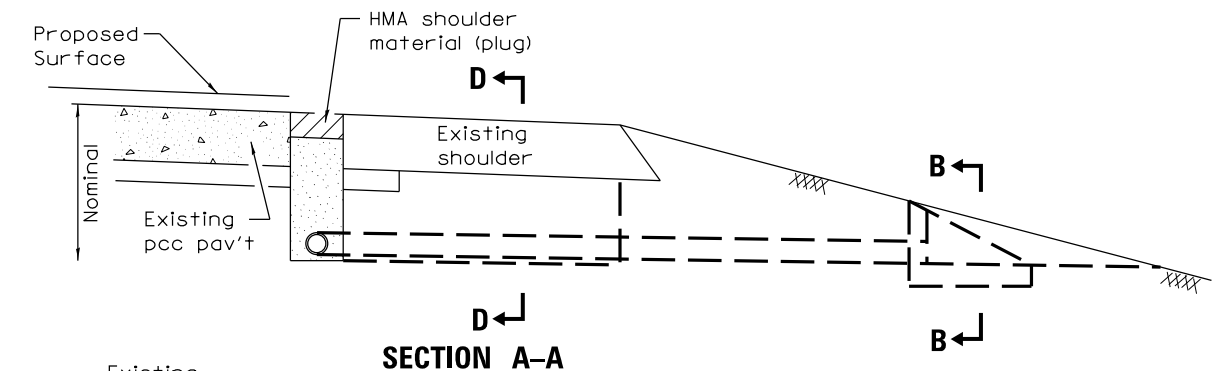


DETAIL E

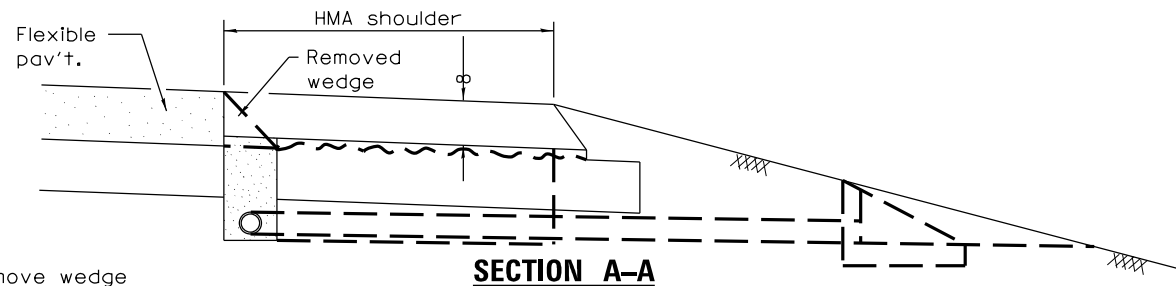
Width min. = O.D. + 4
Width max. = 12



**SECTION A-A
(PCC SHOULDER)**

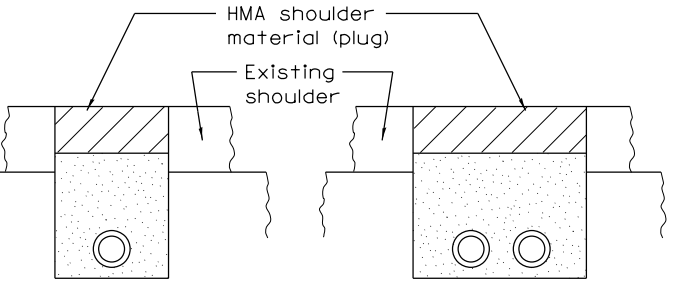
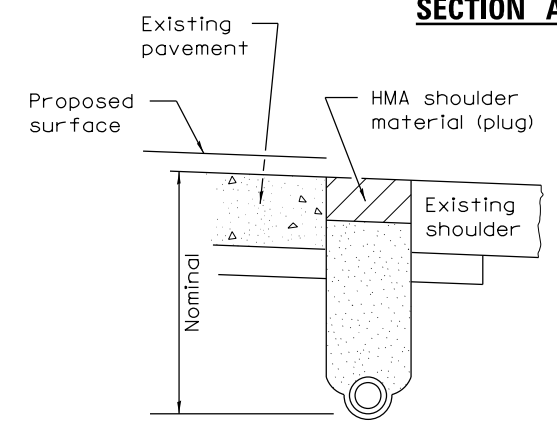


**SECTION A-A
(HMA SHOULDER)**



**SECTION A-A
(HMA SHOULDER)**

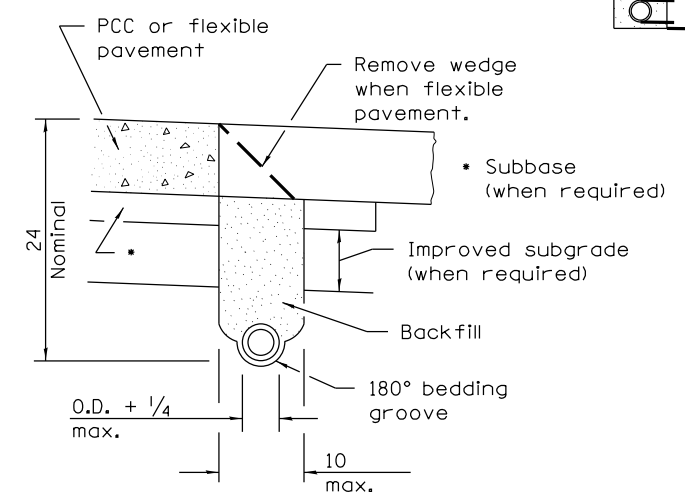
(Dimensions and notes not shown shall be as shown in the above Section A-A)



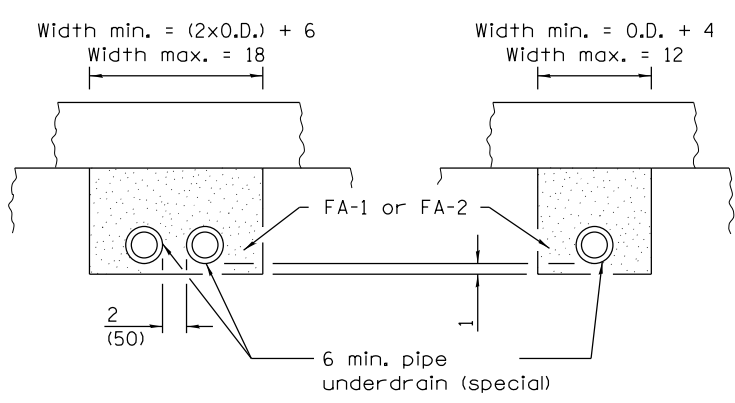
SECTION D-D

**SECTION D-D
(Sag Locations)**

TRENCH FOR CORRUGATED POLYETHYLENE TUBING ALTERNATE



TRENCH FOR CORRUGATED POLYETHYLENE TUBING ALTERNATE



**SECTION C-C
(Sag locations)**

SECTION C-C

NEW CONSTRUCTION

EXISTING CONSTRUCTION

(Except as noted or shown, dimensions and notes specified for Existing Construction are the same as those of New Construction)

USER NAME = kichen	DESIGNED - ATR	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EB I-80 FROM GARDNER STREET TO ROWELL AVENUE UNDERDRAIN DETAILS			F.A.I. RTE. = 80	SECTION = 2013-008B	COUNTY = WILL	TOTAL SHEETS = 511	SHEET NO. = 141	
PLOT SCALE = 2.0000' / in.	DRAWN - ATR	REVISED -			SCALE: NTS	SHEET 1 OF 1 SHEETS	STA. TO STA.	CONTRACT NO. 60W34			ILLINOIS FED. AID PROJECT		
PLOT DATE = 6/24/2020	CHECKED - MAM	REVISED -			DATE - \$DATE	REVISED -	REVISED -						

DRAINAGE STRUCTURE DATA

Table with columns: STRUCTURE NO., DESCRIPTION, FRAME & GRATE, STATION, OFFSET, DIR., PROPOSED RIM ELEV., NORTH, SOUTH, EAST, WEST, PIPE ID-PIPE SIZE NORTH, PIPE ID-PIPE SIZE SOUTH, PIPE ID-PIPE SIZE EAST, PIPE ID-PIPE SIZE WEST, IDOT SHEET NO., NOTES.

USER NAME = kitchen
DESIGNED - ATR
DRAWN - ATR
PLOT SCALE = 2.000' / 1"
CHECKED - MAM
PLOT DATE = 6/24/2020
DATE - \$DATE
FILE NAME = D160W34-sht-drsnsched01.dgn

REVISED -
REVISED -
REVISED -
REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
DRAINAGE STRUCTURE SCHEDULE
SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. SHEET NO. 80
SECTION 2013-008B
COUNTY WILL
TOTAL SHEETS 511
SHEET NO. 142
CONTRACT NO. 60W34
ILLINOIS FED. AID PROJECT

DRAINAGE STRUCTURE DATA

STRUCTURE NO.	DESCRIPTION	FRAME & GRATE	STATION	OFFSET	DIR.	PROPOSED RIM ELEV.	NORTH	SOUTH	EAST	WEST	PIPE ID-PIPE SIZE NORTH	PIPE ID-PIPE SIZE SOUTH	PIPE ID-PIPE SIZE EAST	PIPE ID-PIPE SIZE WEST	IDOT SHEET NO.	NOTES:
354	7' DIA MH TYP A	TIFCL	738+16.0	9.5	R	562.3	553.15		551.41	550.90	311 - DIA 15 "		354 - DIA 36 "	353 - DIA 42 "	DR-02	
355	5' DIA MH TYP A	TIFCL	740+16.0	9.5	R	563.5	553.76	555.17	552.47	552.47	314 - DIA 15 "	312 - DIA 12 "	355 - DIA 36 "	354 - DIA 36 "	DR-02	
356	5' DIA MH TYP A	TIFCL	742+16.0	9.5	R	564.7	554.91	556.81	553.53	553.33	317 - DIA 15 "	315 - DIA 12 "	356 - DIA 36 "	355 - DIA 36 "	DR-02	
357	5' DIA MH TYP A	TIFCL	744+16.0	9.5	R	565.9	555.80	558.16	555.07	554.57	320 - DIA 12 "	318 - DIA 12 "	357 - DIA 30 "	356 - DIA 36 "	DR-03	
358	5' DIA MH TYP A	TIFCL	746+16.0	9.5	R	567.9	557.17	560.33	557.27	557.17	323 - DIA 12 "	321 - DIA 12 "	358 - DIA 30 "	357 - DIA 30 "	DR-03	
359	5' DIA MH TYP A	TIFCL	748+16.0	9.5	R	572.1	561.31		559.87	559.77	325 - DIA 12 "		359 - DIA 30 "	358 - DIA 30 "	DR-03	
360	5' DIA MH TYP A	TIFCL	750+16.0	9.5	R	578.2	567.95		571.77	562.79	327 - DIA 12 "		360 - DIA 24 "	359 - DIA 30 "	DR-03	
361	5' DIA MH TYP A	TIFCL	752+66.0	9.5	R	585.9	575.78		577.25	575.15	329 - DIA 12 "		361 - DIA 24 "	360 - DIA 24 "	DR-03	
362	5' DIA MH TYP A	TIFCL	755+25.0	9.5	R	593.9	582.55	586.71	586.97	580.50	331 - DIA 12 "	366 - DIA 12 "	362 - DIA 18 "	361 - DIA 24 "	DR-03	SUBSTITUTE CONCRETE FLAT SLAB TOP IN PLACE OF CONE RISER SECTION
363	5' DIA MH TYP A	TIFCL	757+63.0	9.5	R	601.3	590.83	594.48	593.70	590.00	333 - DIA 12 "	367 - DIA 12 "	363 - DIA 18 "	362 - DIA 18 "	DR-03	SUBSTITUTE CONCRETE FLAT SLAB TOP IN PLACE OF CONE RISER SECTION
364	5' DIA MH TYP A	TIFCL	759+45.0	9.5	R	607.0	596.25			596.00	335 - DIA 12 "			363 - DIA 18 "	DR-04	
365	42" FES	N/A	732+67.0	90.4	L	547.9						365 - DIA 42 "			DR-02	
366	36" FES	N/A	732+66.0	77.1	R	550.4					364 - DIA 36 "				DR-02	
367	15" FES	N/A	734+54.0	121.4	R	552.0							308 - DIA 15 "		DR-02	
368	5' DIA MH TYP A	TIFCL	16+43.5	38.6	L	558.0		552.70	553.12	552.60		309 - DIA 12 "	309A - DIA 12 "	308 - DIA 15 "	DR-02	MEASUREMENT OFF B/L RICHARDS B STATION
400	4' DIA CB TYP A	T20	766+71.0	1.5	L	623.1		620.48				400 - DIA 12 "			DR-04	SUBSTITUTE CONCRETE FLAT SLAB TOP IN PLACE OF CONE RISER SECTION
401	4' DIA CB TYP A	T20	766+71.0	1.5	R	627.0	620.45	619.85			400 - DIA 12 "				DR-04	
402	4' DIA CB TYP A	T20	769+21.0	1.5	L	630.0		625.47				402 - DIA 12 "			DR-04	SUBSTITUTE CONCRETE FLAT SLAB TOP IN PLACE OF CONE RISER SECTION
403	4' DIA CB TYP A	T20	769+21.0	1.5	R	631.2	625.44	625.19			402 - DIA 12 "		403 - DIA 15 "		DR-04	
404	4' DIA CB TYP A	T20	771+71.0	1.5	L	633.2		628.62				404 - DIA 12 "			DR-04	SUBSTITUTE CONCRETE FLAT SLAB TOP IN PLACE OF CONE RISER SECTION
405	4' DIA CB TYP A	T20	771+71.0	1.5	R	633.8	628.59	628.34			404 - DIA 12 "		405 - DIA 15 "		DR-04	
406	4' DIA CB TYP A	T20	774+21.0	1.5	L	631.9		628.69				406 - DIA 12 "			DR-05	SUBSTITUTE CONCRETE FLAT SLAB TOP IN PLACE OF CONE RISER SECTION
407	4' DIA CB TYP A	T20	774+21.0	1.5	R	632.4	628.66	628.06			406 - DIA 12 "		407 - DIA 18 "		DR-05	SUBSTITUTE CONCRETE FLAT SLAB TOP IN PLACE OF CONE RISER SECTION
408	4' DIA CB TYP A	T20	766+14.0	1.5	R	626.2		620.81	623.00			408 - DIA 12 "	458 - DIA 12 "		DR-04	SUBSTITUTE CONCRETE FLAT SLAB TOP IN PLACE OF CONE RISER SECTION
450	5' DIA MH TYP A	TIFCL	766+71.0	9.5	R	627.3	619.83	619.73	620.23	401 - DIA 12 "			451 - DIA 18 "		DR-04	
451	5' DIA MH TYP A	TIFCL	767+00.0	9.5	R	627.9	615.00	619.11			450 - DIA 24 "	457 - DIA 24 "		451 - DIA 18 "	DR-04	SUBSTITUTE CONCRETE FLAT SLAB TOP IN PLACE OF CONE RISER SECTION, SE INV. = 619.11
452	5' DIA MH W/ RESTRICTOR PLATE	TIFCL	767+10.0	9.5	R	628.1		622.50	622.50				453 - DIA 36 "	452 - DIA 24 "	DR-04	MANHOLE WITH RESTRICTOR PLATE. SEE D1 STANDARD DETAIL INCLUDED
453	5' DIA MH TYP A	TIFCL	769+21.0	9.5	R	631.6	625.17	622.82	622.72	403 - DIA 15 "			454 - DIA 36 "	453 - DIA 36 "	DR-04	
454	5' DIA MH TYP A	TIFCL	771+71.0	9.5	R	634.4	628.32	623.09	623.09	405 - DIA 15 "			455 - DIA 36 "	454 - DIA 36 "	DR-04	
455	5' DIA MH TYP A	TIFCL	774+21.0	9.5	R	633.4	628.04	623.71	623.61	407 - DIA 18 "			PLUG	455 - DIA 36 "	DR-05	PLACE PLUG IN EAST INVERT FOR FUTURE PIPE EXTENSION
456	5' DIA MH TYP A	TIFCL	766+14.0	9.5	R	626.2	620.78	620.78			408 - DIA 12 "		456 - DIA 12 "		DR-04	
457	24" FES	N/A	767+00.0	110.6	L	585.0						450 - DIA 24 "			DR-04	
001	36" FES	N/A	720+63.52	127.7	R	517.00								001 - DIA 36 "	DR-01	STRUCTURE FOR COMPENSATORY STORAGE SYSTEM
002	7' DIA MH TYP A	TIFCL	720+06.84	121.2	R	536.18			517.06	517.06			001 - DIA 36 "	002 - DIA 60 "	DR-01	STRUCTURE FOR COMPENSATORY STORAGE SYSTEM
003	7' DIA MH TYP A	TIFCL	719+30.30	155.8	R	531.33			517.14	523.30			002 - DIA 60 "	003 - DIA 60 "	DR-01	STRUCTURE FOR COMPENSATORY STORAGE SYSTEM
004	7' DIA MH TYP A	TIFCL	717+34.30	155.8	R	533.60			523.50				003 - DIA 60 "		DR-01	STRUCTURE FOR COMPENSATORY STORAGE SYSTEM
601	4' DIA CB TYP A	T20	109+79.47	11.8	R	550.70			546.57				601 - DIA 12 "		DR-01	SUBSTITUTE CONCRETE FLAT SLAB TOP IN PLACE OF CONE RISER SECTION
602	12" FES	N/A	111+03.99	76.4	L	545.00								601 - DIA 12 "	DR-01	

TEMPORARY DRAINAGE STRUCTURE DATA

STRUCTURE NO.	DESCRIPTION	FRAME & GRATE	STATION	OFFSET	DIR.	PROPOSED RIM ELEV.	NORTH	SOUTH	EAST	WEST	PIPE ID-PIPE SIZE NORTH	PIPE ID-PIPE SIZE SOUTH	PIPE ID-PIPE SIZE EAST	PIPE ID-PIPE SIZE WEST	IDOT SHEET NO.	NOTES:
T01	4' DIA INL TYP A	T20	725+75.00	18.5	L	553.83			548.17				T02 - DIA 12 "	T01 - DIA 12 "	90	EAST INVERT IS IN SE DIRECTION; REMOVE AT END OF MOT ACTIVITIES IN STAGE 3
T02	4' DIA INL TYP A	T20	727+40.00	4.4	L	552.37			549.22				T03 - DIA 12 "		91	EAST INVERT IS IN SE DIRECTION; REMOVE AT END OF MOT ACTIVITIES IN STAGE 3, SUBSTITUTE CONCRETE FLAT SLAB TOP IN PLACE OF CONE RISER SECTION.
T03	4' DIA INL TYP A	T20	737+85.60	24.0	L	559.95			553.14				T04 - DIA 12 "		91	EAST INVERT IS IN SE DIRECTION; REMOVE AT END OF MOT ACTIVITIES IN STAGE 3
T04	4' DIA INL TYP A	T20	739+90.92	25.0	L	560.69			555.13				T05 - DIA 12 "		91	EAST INVERT IS IN SE DIRECTION; REMOVE AT END OF MOT ACTIVITIES IN STAGE 3
T05	4' DIA INL TYP A	T20	741+91.00	29.0	L	561.95			556.14				T06 - DIA 12 "		92	EAST INVERT IS IN SE DIRECTION; REMOVE AT END OF MOT ACTIVITIES IN STAGE 3
T06	4' DIA INL TYP A	T20	744+16.00	33.5	L	563.33		557.11				T07 - DIA 12 "		92	REMOVE AT END OF MOT ACTIVITIES IN STAGE 3	
T07	4' DIA INL TYP A	T20	746+15.99	34.0	L	564.73		559.11				T08 - DIA 12 "		92	REMOVE AT END OF MOT ACTIVITIES IN STAGE 3	

DRAINAGE PIPE DATA

PIPE NO.	DESCRIPTION	SIZE (IN)	LENGTH (FT)	SLOPE (%)	TRENCH BACKFILL	ROCK EXCAVATION	IDOT SHEET NO.	FROM NODE	TO NODE	NOTES
100	STORM SEWERS, CLASS A, TYPE 1	18	3	1.00	1.0	0.0	DR-01	100	101	
101	STORM SEWERS, CLASS A, TYPE 1	18	2	1.00	1.0	0.0	DR-01	101	151	
102	STORM SEWERS, CLASS A, TYPE 1	12	3	1.00	1.0	0.0	DR-01	102	103	
103	STORM SEWERS, CLASS A, TYPE 1	12	2	1.00	1.0	0.0	DR-01	103	152	
104	STORM SEWERS, CLASS A, TYPE 1	18	3	1.00	1.0	0.0	DR-01	104	105	
105	STORM SEWERS, CLASS A, TYPE 1	18	2	2.50	1.0	0.0	DR-01	105	153	
106	STORM SEWERS, CLASS A, TYPE 1	12	6	1.00	1.4	0.0	DR-01	108	155	
107	STORM SEWERS, CLASS A, TYPE 1	12	6	1.00	1.5	0.0	DR-01	109	155	
151	STORM SEWERS, CLASS A, TYPE 3	24	176	2.00	349.7	0.0	DR-01	151	152	
152	STORM SEWERS, CLASS A, TYPE 3	24	174	2.30	316.9	0.0	DR-01	152	153	
153	STORM SEWERS, CLASS A, TYPE 2	24	128	4.00	0.0	0.0	DR-01	153	154	STORM SEWER TO BE JACKED UNDER I-80 WB
154	STORM SEWERS, CLASS A, TYPE 2	12	63	1.00	40.8	0.0	DR-01	106	151	
155	STORM SEWERS, CLASS A, TYPE 2	12	68	1.00	62.5	0.0	DR-01	107	152	
156	STORM SEWERS, CLASS A, TYPE 2	12	82	2.00	50.1	0.0	DR-01	155	153	
200	STORM SEWERS, CLASS A, TYPE 1	12	3	1.00	1.0	0.0	DR-01	200	201	
201	STORM SEWERS, CLASS A, TYPE 1	15	2	1.00	1.0	0.0	DR-01	201	250	
202	STORM SEWERS, CLASS A, TYPE 1	12	11	0.96	1.9	0.0	DR-01	202	204	
203	NOT USED									
204	STORM SEWERS, CLASS A, TYPE 2	12	3	1.00	1.5	0.0	DR-01	204	206	
205	STORM SEWERS, CLASS A, TYPE 1	12	11	0.96	3.7	0.0	DR-01	205	206	
206	STORM SEWERS, CLASS A, TYPE 2	18	2	1.00	1.3	0.0	DR-01	206	251	
207	STORM SEWERS, CLASS A, TYPE 2	12	3	1.00	1.3	0.0	DR-01	207	208	
208	STORM SEWERS, CLASS A, TYPE 2	12	2	1.00	1.5	0.0	DR-01	208	252	
209	STORM SEWERS, CLASS A, TYPE 1	12	3	1.00	1.0	0.0	DR-02	209	210	
210	STORM SEWERS, CLASS A, TYPE 2	15	2	1.00	1.0	0.0	DR-02	210	253	
250	STORM SEWERS, CLASS A, TYPE 2	18	274	0.82	209.5	0.0	DR-01	250	251	
251	STORM SEWERS, CLASS A, TYPE 2	24	198	1.00	231.9	26.0	DR-01	251	252	
252	NOT USED									
253	STORM SEWERS, CLASS A, TYPE 2	18	118	1.70	81.8	0.0	DR-01	253	252	
254	NOT USED									
255	STORM SEWERS, CLASS A, TYPE 1	12	92	1.00	55.4	0.0	DR-01	211	250	
300	STORM SEWERS, CLASS A, TYPE 1	12	3	1.00	1.0	0.0	DR-02	300	301	
301	STORM SEWERS, CLASS A, TYPE 2	12	2	1.00	1.0	0.0	DR-02	301	350	
302	STORM SEWERS, CLASS A, TYPE 1	12	3	1.00	1.0	0.0	DR-02	302	303	
303	STORM SEWERS, CLASS A, TYPE 1	12	2	0.50	1.0	0.0	DR-02	303	351	
304	STORM SEWERS, CLASS A, TYPE 1	12	3	1.00	1.0	0.0	DR-02	304	305	
305	STORM SEWERS, CLASS A, TYPE 2	12	2	1.00	1.2	0.0	DR-02	305	352	
306	STORM SEWERS, CLASS A, TYPE 2	12	3	1.00	2.4	0.0	DR-02	306	307	
307	STORM SEWERS, CLASS A, TYPE 2	12	2	1.00	1.9	0.0	DR-02	307	353	
308	STORM SEWERS, CLASS A, TYPE 1	15	142	0.40	0.0	22.0	DR-02	308	367	
308A	STORM SEWERS, CLASS A, TYPE 1	12	61	0.40	19.2	0.0	DR-02	308	308A	
308B	STORM SEWERS, CLASS A, TYPE 1	12	4	0.44	1.0	0.0	DR-02	308B	308	
309	STORM SEWERS, CLASS A, TYPE 1	12	43	0.70	0.0	0.0	DR-02	308A	368	STORM SEWER TO BE JACKED UNDER RICHARDS RAMP B
309A	STORM SEWERS, CLASS A, TYPE 1	12	219	1.05	39.0	0.0	DR-02	309	368	
310	STORM SEWERS, CLASS A, TYPE 2	12	3	1.00	1.8	0.0	DR-02	310	311	
311	STORM SEWERS, CLASS A, TYPE 2	15	2	1.00	2.4	0.0	DR-02	311	354	
312	STORM SEWERS, CLASS A, TYPE 2	12	74	1.03	53.9	23.0	DR-02	312	355	
313	STORM SEWERS, CLASS A, TYPE 2	12	3	1.00	2.5	0.0	DR-02	313	314	
314	STORM SEWERS, CLASS A, TYPE 2	15	2	1.00	2.2	0.0	DR-02	314	355	
315	STORM SEWERS, CLASS A, TYPE 2	12	70	1.03	48.7	22.0	DR-02	315	356	
316	STORM SEWERS, CLASS A, TYPE 2	12	3	1.00	2.6	0.0	DR-02	316	317	
317	STORM SEWERS, CLASS A, TYPE 2	15	2	1.00	2.2	0.0	DR-02	317	356	
318	STORM SEWERS, CLASS A, TYPE 2	12	66	1.03	43.8	11.0	DR-03	318	357	
319	STORM SEWERS, CLASS A, TYPE 2	12	3	1.00	2.7	0.0	DR-03	319	320	
320	STORM SEWERS, CLASS A, TYPE 2	12	2	1.00	2.2	0.0	DR-03	320	357	
321	STORM SEWERS, CLASS A, TYPE 2	12	62	1.03	41.2	11.0	DR-03	321	358	
322	STORM SEWERS, CLASS A, TYPE 2	12	3	1.00	2.9	0.0	DR-03	322	323	
323	STORM SEWERS, CLASS A, TYPE 2	12	2	1.00	2.4	0.0	DR-03	323	358	
324	STORM SEWERS, CLASS A, TYPE 2	12	3	1.00	2.9	0.0	DR-03	324	325	
325	STORM SEWERS, CLASS A, TYPE 2	12	2	1.00	2.5	0.0	DR-03	325	359	
326	STORM SEWERS, CLASS A, TYPE 2	12	3	1.00	2.5	0.0	DR-03	326	327	
327	STORM SEWERS, CLASS A, TYPE 2	12	2	1.00	2.4	0.0	DR-03	327	360	
328	STORM SEWERS, CLASS A, TYPE 2	12	3	1.00	2.5	0.0	DR-03	328	329	
329	STORM SEWERS, CLASS A, TYPE 2	12	2	1.00	1.0	0.0	DR-03	329	361	
330	STORM SEWERS, CLASS A, TYPE 2	12	3	1.00	2.8	0.0	DR-03	330	331	
331	STORM SEWERS, CLASS A, TYPE 2	12	2	1.00	2.5	0.0	DR-03	331	362	
332	STORM SEWERS, CLASS A, TYPE 2	12	3	1.00	2.3	0.0	DR-03	332	333	
333	STORM SEWERS, CLASS A, TYPE 2	12	2	1.00	2.3	0.0	DR-03	333	363	
334	STORM SEWERS, CLASS A, TYPE 2	12	3	0.67	1.4	0.0	DR-04	334	335	
335	STORM SEWERS, CLASS A, TYPE 2	12	2	1.50	1.6	0.0	DR-04	335	364	
350	STORM SEWERS, CLASS A, TYPE 2	18	75	1.00	75.1	22.5	DR-02	350	351	
351	STORM SEWERS, CLASS A, TYPE 2	42	143	0.39	225.7	122.9	DR-02	352	351	
352	STORM SEWERS, CLASS A, TYPE 2	42	193	0.39	295.4	144.6	DR-02	353	352	
353	STORM SEWERS, CLASS A, TYPE 2	42	193	0.45	309.7	71.5	DR-02	354	353	
354	STORM SEWERS, CLASS A, TYPE 2	36	194	0.55	320.9	98.1	DR-02	355	354	
355	STORM SEWERS, CLASS A, TYPE 2	36	195	0.44	327.7	113.4	DR-02	356	355	
356	STORM SEWERS, CLASS A, TYPE 2	36	195	0.53	315.7	107.1	DR-02	357	356	
357	STORM SEWERS, CLASS A, TYPE 2	30	195	1.08	284.3	122.3	DR-03	358	357	

NOTE:

ROCK ELEVATION QUANTITIES ARE APPROXIMATE AND BASED OFF PLAN BORINGS SHOWN IN THE CONTRACT DOCUMENTS BUT SHOULD BE CONFIRMED BY THE ENGINEER IN THE FIELD. ROCK EXCAVATION RELATED TO PLACEMENT OF PROPOSED STORM SEWER WILL BE PAID FOR FOR EACH PIPE SECTION PER SECTION 550.10 AND 502.13 OF THE IDOT SSRBC.

USER NAME = kichen	DESIGNED - ATR	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EB I-80 FROM GARDNER STREET TO ROWELL AVENUE DRAINAGE PIPE SCHEDULE	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 2.000' / 1" =	DRAWN - ATR	REVISED -				80	2013-008B	WILL	511	144
PLOT DATE = 6/24/2020	CHECKED - MAM	REVISED -				CONTRACT NO. 60W34				
FILE NAME = D160W34-sht-drsched03.dgn	DATE - \$DATE	REVISED -				SCALE:	SHEET 1	OF 2 SHEETS	STA.	TO STA.

DRAINAGE PIPE DATA

PIPE NO.	DESCRIPTION	SIZE (IN)	LENGTH (FT)	SLOPE (%)	TRENCH BACKFILL	ROCK EXCAVATION	IDOT SHEET NO.	FROM NODE	TO NODE	NOTES
358	STORM SEWERS, CLASS A, TYPE 2	30	195	1.28	320.1	143.4	DR-03	359	358	
359	STORM SEWERS, CLASS A, TYPE 3	30	195	1.50	438.7	154.3	DR-03	360	359	
360	STORM SEWERS, CLASS A, TYPE 2	24	245	1.38	257.2	176.0	DR-03	361	360	
361	STORM SEWERS, CLASS A, TYPE 2	24	254	1.28	370.1	10.2	DR-03	362	361	
362	STORM SEWERS, CLASS A, TYPE 2	18	233	1.30	242.1	0.0	DR-03	363	362	
363	STORM SEWERS, CLASS A, TYPE 2	18	177	1.30	193.6	0.0	DR-03	364	363	
364	STORM SEWERS, CLASS A, TYPE 1	36	75	1.27	1.3	12.0	DR-02	366	351	
365	STORM SEWERS, CLASS A, TYPE 1	42	96	0.42	4.2	63.0	DR-02	351	365	
366	STORM SEWERS, CLASS A, TYPE 2	12	63	1.00	26.7	0.0	DR-03	336	362	
367	STORM SEWERS, CLASS A, TYPE 2	18	63	1.00	25.3	0.0	DR-03	337	363	
400	STORM SEWERS, CLASS A, TYPE 2	12	3	1.00	1.3	0.0	DR-04	400	401	
401	STORM SEWERS, CLASS A, TYPE 2	18	2	1.00	1.4	0.0	DR-04	401	450	
402	STORM SEWERS, CLASS A, TYPE 1	12	3	1.00	1.0	0.0	DR-04	402	403	
403	STORM SEWERS, CLASS A, TYPE 2	15	2	1.00	1.0	0.0	DR-04	403	453	
404	STORM SEWERS, CLASS A, TYPE 1	12	3	1.00	1.0	0.0	DR-04	404	405	
405	STORM SEWERS, CLASS A, TYPE 2	15	2	1.00	1.0	0.0	DR-04	405	454	
406	STORM SEWERS, CLASS A, TYPE 2	12	3	1.00	1.6	0.0	DR-05	406	407	
407	STORM SEWERS, CLASS A, TYPE 2	18	2	1.00	1.6	0.0	DR-05	407	455	
408	STORM SEWERS, CLASS A, TYPE 1	12	3	1.00	1.1	0.0	DR-04	408	456	
450	STORM SEWERS, CLASS A, TYPE 1	24	118	4.24	0.0	0.0	DR-04	451	457	STORM SEWER TO BE JACKED UNDER I-80 WB
451	STORM SEWERS, CLASS A, TYPE 2	18	24	0.12	20.1	0.0	DR-04	450	451	
452	STORM SEWERS, CLASS A, TYPE 2	24	5	4.00	1.9	0.0	DR-04	452	451	
453	STORM SEWERS, CLASS A, TYPE 2	36	206	0.11	122.5	0.0	DR-04	453	452	
454	STORM SEWERS, CLASS A, TYPE 2	36	245	0.11	315.1	0.0	DR-04	454	453	
455	STORM SEWERS, CLASS A, TYPE 2	36	245	0.17	423.9	0.0	DR-04	455	454	
456	STORM SEWERS, CLASS A, TYPE 2	12	55	1.00	27.7	0.0	DR-04	456	450	
457	STORM SEWERS, CLASS A, TYPE 1	24	169	1.00	0.0	0.0	DR-04	EX	451	PROPOSED STORM SEWER CONNECTION TO EXISTING DRAINAGE STRUCTURE AT ELEV. 620.8; STORM SEWER TO BE JACKED UNDER I-80
458	SLOTTED DRAIN, VARIABLE HEIGHT SLOT	12	50	2.01	0.0	0.0	DR-04	PR GROUND	408	SEE DR-08 FOR DETAILS
001	STORM SEWERS, CLASS A, TYPE 2	36	54	0.11	0.0	0.0	DR-01	002	001	PIPE FOR COMPENSATORY STORAGE SYSTEM REMOVAL AND REPLACEMENT OF CONCRETE SLOPEWALL INCLUDED IN THE COST OF 001 AND 002 DRAIN PIPE
002	STORM SEWERS, CLASS A, TYPE 3	60	84	0.10	0.0	0.0	DR-01	003	002	PIPE FOR COMPENSATORY STORAGE SYSTEM
003	STORM SEWERS, CLASS A, TYPE 2	60	196	0.10	0.0	0.0	DR-01	004	003	PIPE FOR COMPENSATORY STORAGE SYSTEM
601	STORM SEWERS, CLASS A, TYPE 1	12	158	1.00	22.1	0.0	DR-01	601	602	

TEMPORARY DRAINAGE PIPE DATA

PIPE NO.	DESCRIPTION	SIZE (IN)	LENGTH (FT)	SLOPE (%)	TRENCH BACKFILL	ROCK EXCAVATION	IDOT SHEET NO.	FROM NODE	TO NODE	NOTES
T01	SLOTTED DRAIN, VARIABLE HEIGHT SLOT	12	183	0.44	0.0	0.0	90	EX GROUND	T01	SEE DR-08 FOR DETAILS
T02	STORM SEWERS, CLASS A, TYPE 1	12	23	0.44	7.9	0.0	90	T01	204	PLACE PLUG IN STR 204 WHEN TEMP PIPE IS REMOVED. COST OF PLUG INCLUDED IN STORM SEWER.
T03	STORM SEWERS, CLASS A, TYPE 1	12	51	0.44	3.6	0.0	91	T02	207	PLACE PLUG IN STR 207 WHEN TEMP PIPE IS REMOVED. COST OF PLUG INCLUDED IN STORM SEWER.
T04	STORM SEWERS, CLASS A, TYPE 1	12	32	0.44	17.1	0.0	91	T03	310	PLACE PLUG IN STR 310 WHEN TEMP PIPE IS REMOVED. COST OF PLUG INCLUDED IN STORM SEWER.
T05	STORM SEWERS, CLASS A, TYPE 1	12	29	0.44	14.1	0.0	91	T04	313	PLACE PLUG IN STR 313 WHEN TEMP PIPE IS REMOVED. COST OF PLUG INCLUDED IN STORM SEWER.
T06	STORM SEWERS, CLASS A, TYPE 1	12	31	0.44	15.6	0.0	92	T05	316	PLACE PLUG IN STR 316 WHEN TEMP PIPE IS REMOVED. COST OF PLUG INCLUDED IN STORM SEWER.
T07	STORM SEWERS, CLASS A, TYPE 1	12	25	0.44	13.4	0.0	92	T06	319	PLACE PLUG IN STR 319 WHEN TEMP PIPE IS REMOVED. COST OF PLUG INCLUDED IN STORM SEWER.
T08	STORM SEWERS, CLASS A, TYPE 1	12	26	0.44	11.8	0.0	92	T07	322	PLACE PLUG IN STR 322 WHEN TEMP PIPE IS REMOVED. COST OF PLUG INCLUDED IN STORM SEWER.

TRANSVERSE PIPE UNDERDRAIN, 6" DATA

APPROX. STATION	DIRECTION (LT/RT)	CONNECT TO STRUCTURE	LENGTH (FT)
716+20	RT	151 & 106	51
718+00	RT	152 & 107	51
719+89	RT	153 & 108	51
723+20	RT	250 & 211	65
725+98.5	RT	251	78
728+02	RT	252	39
728+02	LT	209	39
729+25	RT	253	39
731+85	RT	350	39
732+66	RT	351	39
734+16	RT	352	39
736+16	RT	353	40
738+16	RT	354 & 309	75
740+16	RT	355 & 312	73

TRANSVERSE PIPE UNDERDRAIN, 6" DATA CONT.

APPROX. STATION	DIRECTION (LT/RT)	CONNECT TO STRUCTURE	LENGTH (FT)
742+16	RT	356 & 315	68
744+16	RT	357 & 318	64
746+16	RT	358 & 321	60
748+16	RT	359	56
750+16	RT	360	52
752+66	RT	361	47
755+16	RT	362 & 336	42
757+66	RT	363 & 337	37
766+71	RT	450	44
769+21	RT	453	39
771+71	RT	454	40
774+21	RT	455	40
776+71	RT	456	40

NOTE:

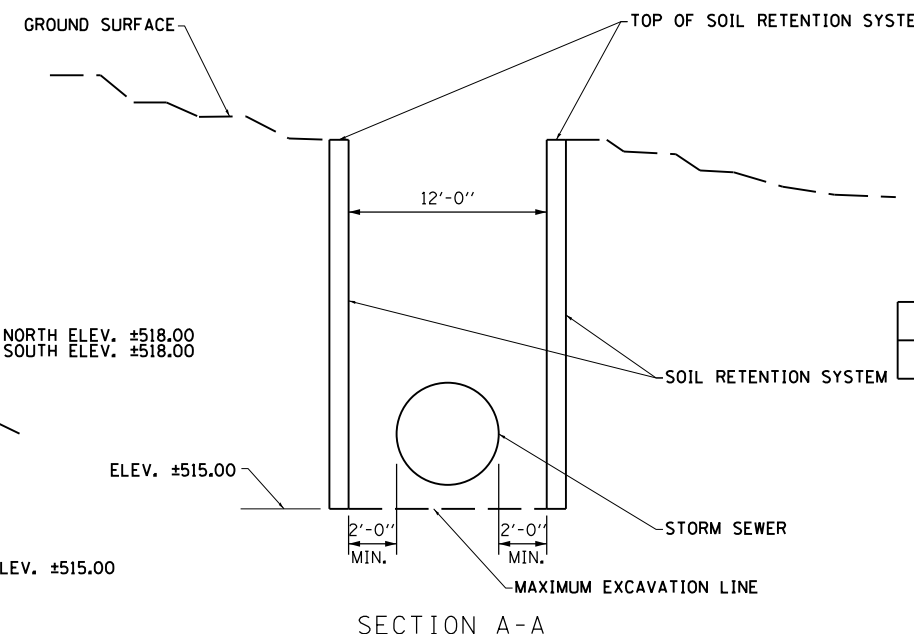
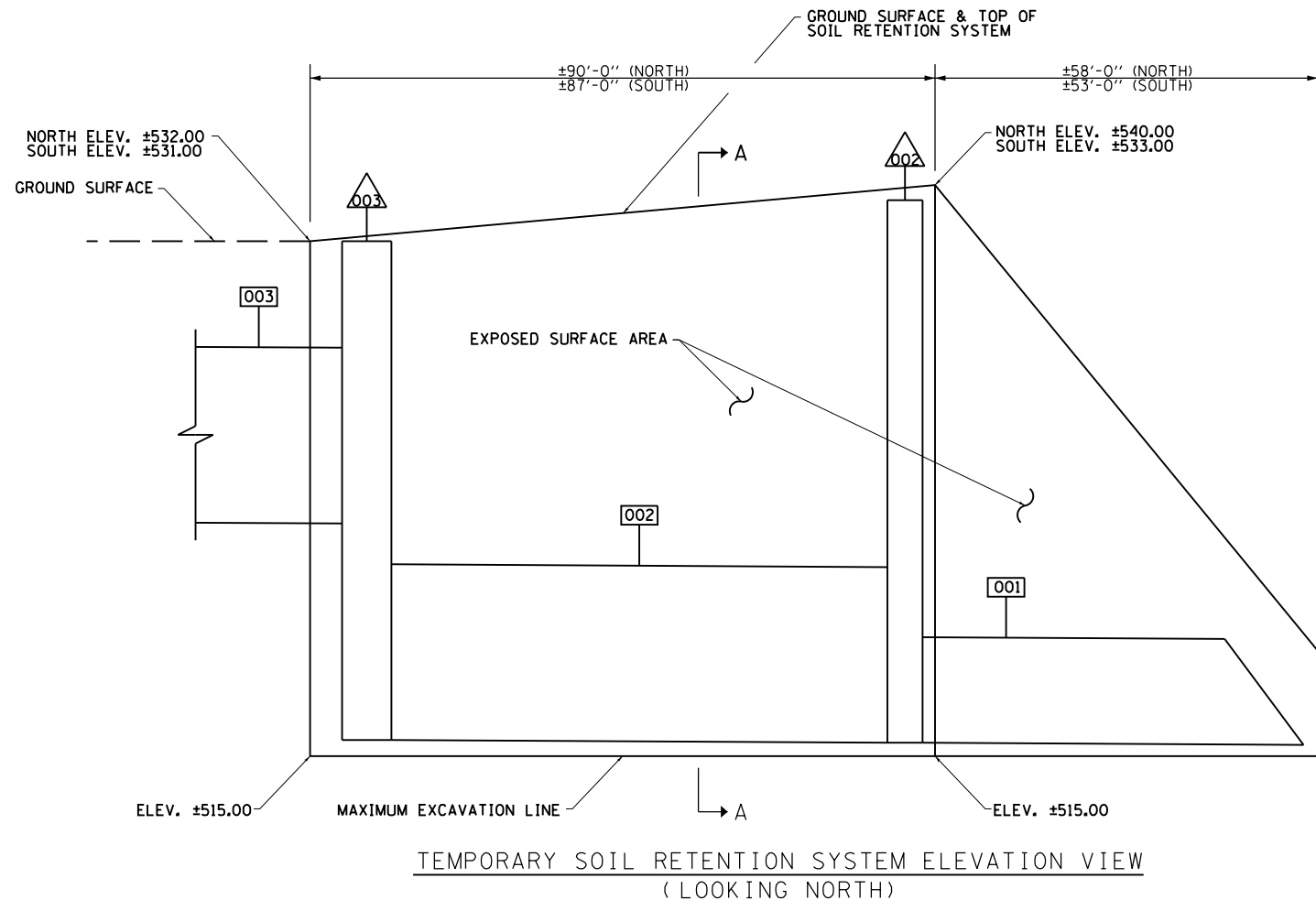
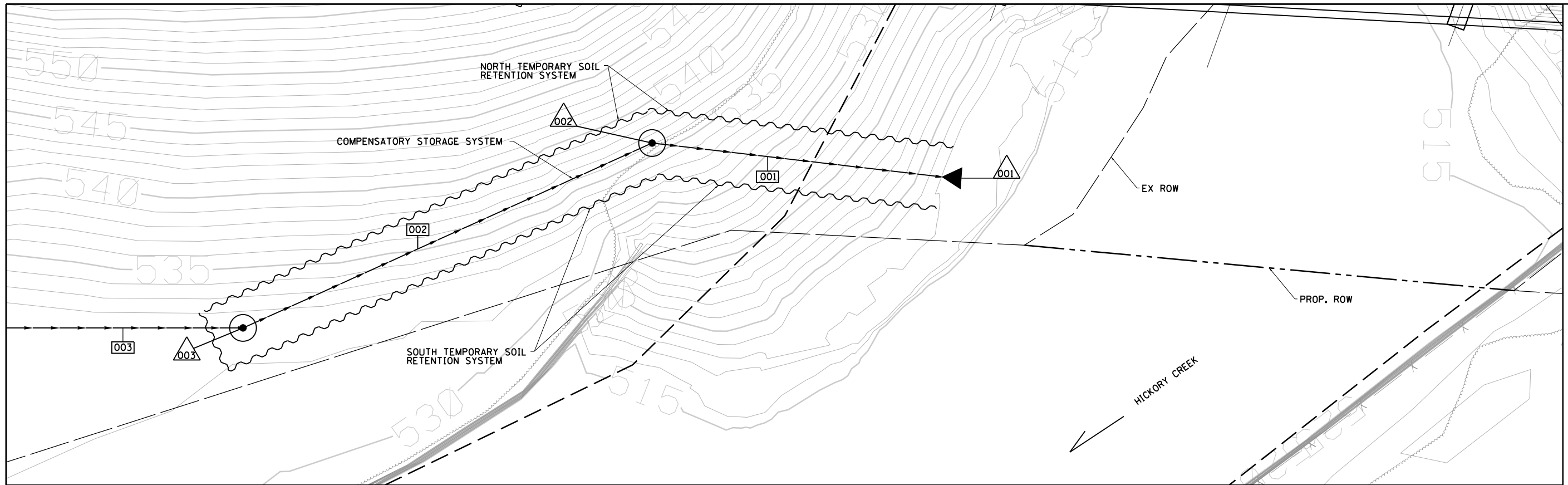
ROCK ELEVATION QUANTITIES ARE APPROXIMATE AND BASED OFF PLAN BORINGS SHOWN IN THE CONTRACT DOCUMENTS BUT SHOULD BE CONFIRMED BY THE ENGINEER IN THE FIELD. ROCK EXCAVATION RELATED TO PLACEMENT OF PROPOSED STORM SEWER WILL BE PAID FOR FOR EACH PIPE SECTION PER SECTION 550.10 AND 502.13 OF THE IDOT SSRBC.

LONGITUDINAL PIPE UNDERDRAIN, 6" DATA

APPROX. START STATION	APPROX. END STATION	DIRECTION (LT/RT)	UP STRM STR	DOWN STRM STR	LENGTH (FT)
715+57.9	716+20.0	LT		151	62
715+51.4	716+20.0	RT		106	69
716+20.0	718+00.0	LT	151	152	180
716+20.0	718+00.0	RT	106	107	180
718+00.0	719+89.0	LT	152	153	189
718+00.0	719+89.0	RT	107	108	189
719+89.0	719+98.9	LT	153		10
723+08.0	723+20.0	LT		250	12
722+93.4	723+20.0	RT		211	27
723+20.0	725+98.5	LT	250	251	279
723+20.0	725+98.5	RT			279
725+98.5	728+02.0	LT	251	252	204
725+98.5	728+02.0	RT			204
728+02.0	729+25.0	LT	253	252	123
728+02.0	729+25.0	RT			123
729+25.0	729+33.1	LT		253	8
731+79.1	731+85.0	LT		350	6
731+34.0	731+85.0	RT			51
731+85.0	732+66.0	LT	350	351	81
731+85.0	732+66.0	RT			81
732+66.0	734+16.0	LT	352	351	150
732+66.0	734+16.0	RT			150
734+16.0	736+16.0	LT	353	352	200
734+16.0	736+16.0	RT			200
736+16.0	738+16.0	LT	354	353	200
736+16.0	738+16.0	RT			200
738+16.0	740+16.0	LT	355	354	200
738+16.0	740+16.0	RT	312	309	200
740+16.0	742+16.0	LT	356	355	200
740+16.0	742+16.0	RT	315	312	200
742+16.0	744+16.0	LT	357	356	200
742+16.0	744+16.0	RT	318	315	200
744+16.0	746+16.0	LT	358	357	200
744+16.0	746+16.0	RT	321	318	200
746+16.0	748+16.0	LT	359	358	200
746+16.0	748+16.0	RT		321	200
748+16.0	750+16.0	LT	360	359	200
748+16.0	750+16.0	RT			200
750+16.0	752+66.0	LT	361	360	250
750+16.0	752+66.0	RT			250
752+66.0	755+16.0	LT	362	361	250
752+66.0	755+16.0	RT			250
755+16.0	757+66.0	LT	363	362	250
755+16.0	757+66.0	RT	337	336	250
757+66.0	759+45.0	LT	364	363	179
757+66.0	759+45.0	RT		337	179
759+45.0	759+62.9	LT		364	18
759+45.0	759+68.3	RT			23
766+03.5	766+71.0	LT		450	68
765+74.6	766+71.0	RT			96
766+71.0	767+00.0	LT	450	451	29
767+00.0	767+10.0	LT	452	451	10
766+71.0	769+21.0	RT			250
767+10.0	769+21.0	LT	453	452	211
769+21.0	771+71.0	LT	454	453	250
769+21.0	771+71.0	RT			250
771+71.0	774+21.0	LT	455	454	250
771+71.0	774+21.0	RT			250
774+21.0	783+35.0	LT		455	914
774+21.0	783+35.0	RT			914

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTED	
	FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	ALIGNMENT CHECKED	
	STRUCTURE NOTED	
	FILE NAME	
	NO.	



BILL OF MATERIAL

ITEM	UNIT	QUANTITY
TEMPORARY SOIL RETENTIN SYSTEM	SO FT	4,936

- NOTES**
- SEE DRAINAGE AND PIPE SCHEDULES FOR ALL STRUCTURE AND PIPE INFORMATION
 - SEE DR-01 FOR FULL PLAN LOCATION
 - SEE DR-06 FOR STRUCTURE INSTALLATION INFORMATION

FILE NAME = D160W34-sht-drndet05.dgn	USER NAME = kichen	DESIGNED - APC	REVISED -
		CHECKED - TAT	REVISED -
	PLOT SCALE = 20.000' / in.	DRAWN - CZ	REVISED -
	PLOT DATE = 6/24/2020	CHECKED - APC	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
HICKORY CREEK COMPENSATORY TEMPORARY SOIL
RETENTION DETAILS**

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			511	146
CONTRACT NO.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCALE: SHEET 1 OF 1 STA. TO STA.

DR-14

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
PLAT OF HIGHWAYS

SHEET INDEX

1 **COVER**
2 **PLAT OF HIGHWAYS**
3-4 **TOTAL HOLDINGS**

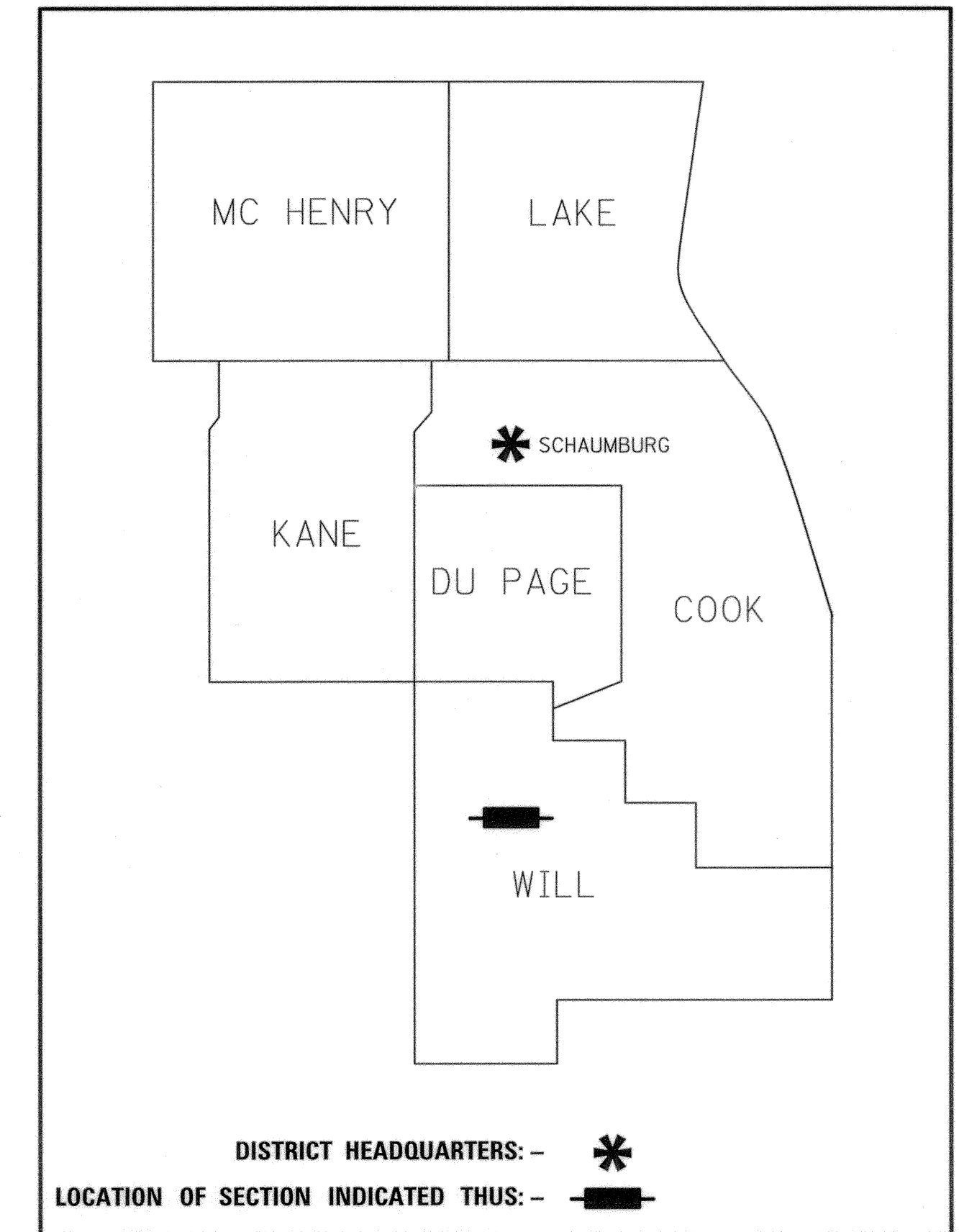
ROUTE: I-80
SECTION: US 30 TO RIDGE ROAD
WILL COUNTY
LIMITS:
JOB NO.: R-91-047-13

PARCEL NUMBER	OWNER	SHEET NUMBER	PROPERTY ACQUIRED BY
1KY0001	MUNICIPAL TRUST & SAVINGS BANK AS TRUSTEE UNDER TRUST AGREEMENT DATED MARCH 23, 2010 KNOWN AS TRUST NO. 2286	2 & 3	
1KY0002PE	WISCONSIN CENTRAL LTD., SUCCESSOR TO ELGIN, JOLIET & EASTERN RAILWAY COMPANY, SUCCESSOR TO E.J. & E. WEST COMPANY	2 & 3	
1KY0004TE	FIRST MIDWEST BANK AS SUCCESSOR TO UNION NATIONAL BANK AND TRUST COMPANY OF JOLIET AS TRUSTEE UNDER TRUST AGREEMENT DATED AUGUST 10, 1970 KNOWN AS TRUST NO. 963	2 & 3	



LOCATION MAP

GROSS LENGTH = 388.13 FT. = 0.074 MILE
NET LENGTH = 388.13 FT. = 0.074 MILE



**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

IDOT USE ONLY

PART OF THE SOUTHWEST QUARTER OF SECTION 14, TWP. 35 N., R. 10 E. OF THE 3RD. P.M., IN WILL COUNTY, ILLINOIS.

LEGEND

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

ALL DIMENSIONS ARE MEASURED UNLESS OTHERWISE SPECIFIED. COORDINATES, BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE, NAD83 (2011), "GRID" VALUES. TO OBTAIN GROUND DISTANCES USE THE COMBINATION FACTOR OF 0.99995709. AREAS SHOWN ON THIS PLAT ARE GROUND.

IRON PIPE OR ROD FOUND ⊕ 'MAG' NAIL SET
 CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET

STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.

STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.

PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)

RIGHT OF WAY STAKING PROPOSED TO BE SET

ILLINOIS STATE PLANE EAST ZONE, NAD83(2011)
 COORDINATE TABLE ~ INTERSTATE 80

PT. NO.	STATION	OFFSET	NORTHING	EASTING
26	762+50.24	181.39' RT.	1,765,164.1031	1,058,577.2672
41	763+15.31	392.23' RT.	1,764,948.0799	1,058,617.3517
913	763+19.68	420.94' RT.	1,764,919.0954	1,058,618.2999
180	763+56.21	168.12' RT.	1,765,166.4981	1,058,680.8235
80	764+39.08	77.72' LT.	1,765,400.5297	1,058,792.2878
176	764+84.23	144.28' LT.	1,765,460.3946	1,058,846.7326
181	764+96.66	147.49' RT.	1,765,169.6914	1,058,818.8986
528	765+21.64	0.00' RT.	1,765,312.2422	1,058,864.0804
880	765+30.63	98.26' RT.	1,765,213.7097	1,058,858.9315
897	765+45.16	0.00' RT.	1,765,308.8793	1,058,887.3611
177	765+74.14	144.62' LT.	1,765,447.8729	1,058,936.7228
879	765+87.38	83.14' RT.	1,765,220.5558	1,058,917.2601
881	766+48.26	75.71' LT.	1,765,369.0685	1,059,000.2243
178	766+95.28	145.25' LT.	1,765,431.1772	1,059,056.7087
530	768+98.60	0.00' RT.	1,765,258.3490	1,059,237.1690

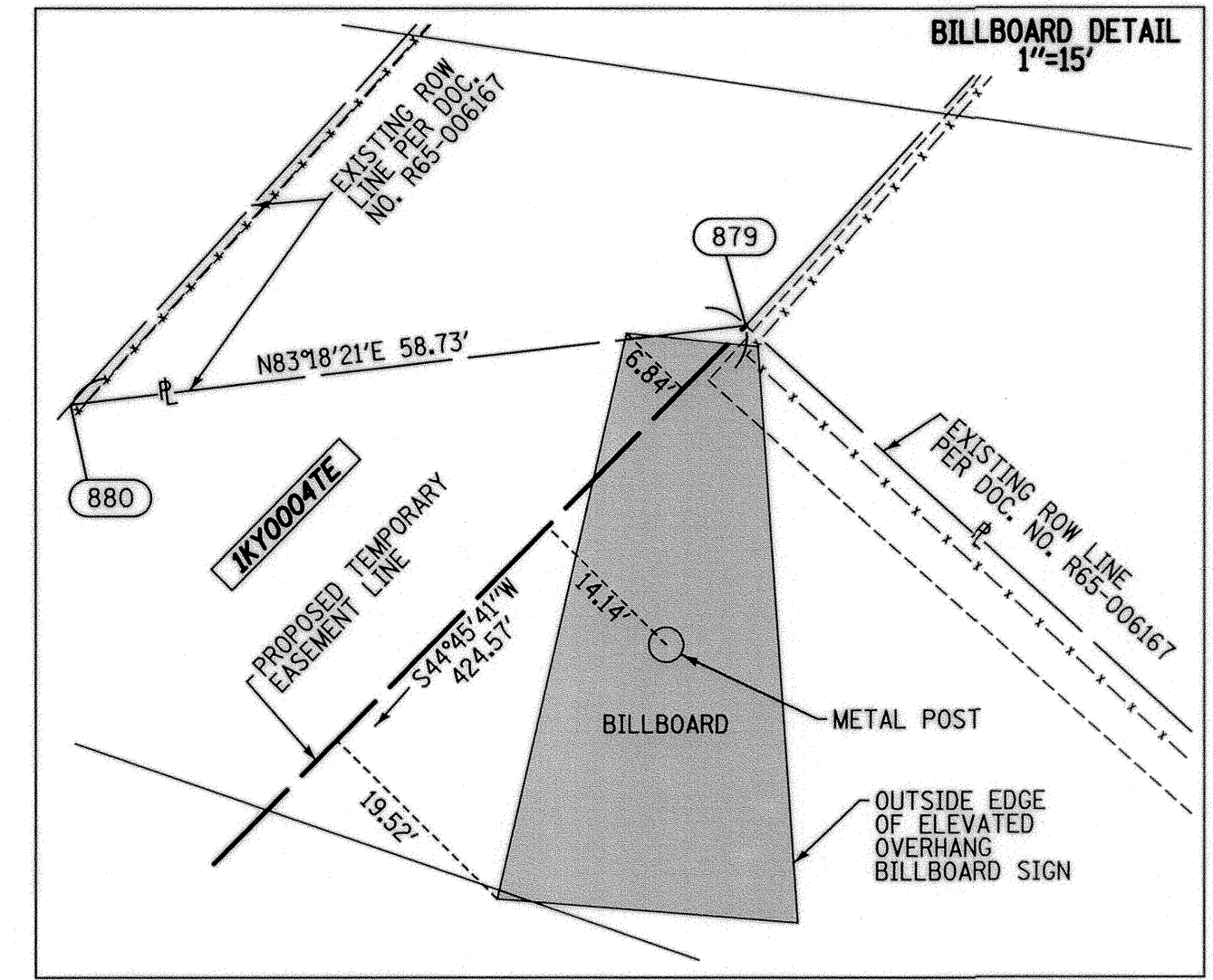
STATE OF ILLINOIS)
) SS
 COUNTY OF WILL)

THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 14, TOWNSHIP 35 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

FIELD WORK WAS COMPLETED ON THE 6th DAY OF OCTOBER, 2014 A.D. DATED AT JOLIET, ILLINOIS THIS 28th DAY OF SEPTEMBER, 2017 A.D.

David A. Claassen VICE PRESIDENT
 DAVID A. CLAASSEN
 JOLIET, IL
 NO. 2962
 PROFESSIONAL LAND SURVEYOR

CLAASSEN, WHITE & ASSOCIATES, P.C.
 LAND SURVEYORS
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
 (815) 744-3720 clausenwhite@cwasurevey.com
 CWA Job #6063



CURVE DATA
 EXISTING CENTERLINE ROW
 CURVE EX80-11

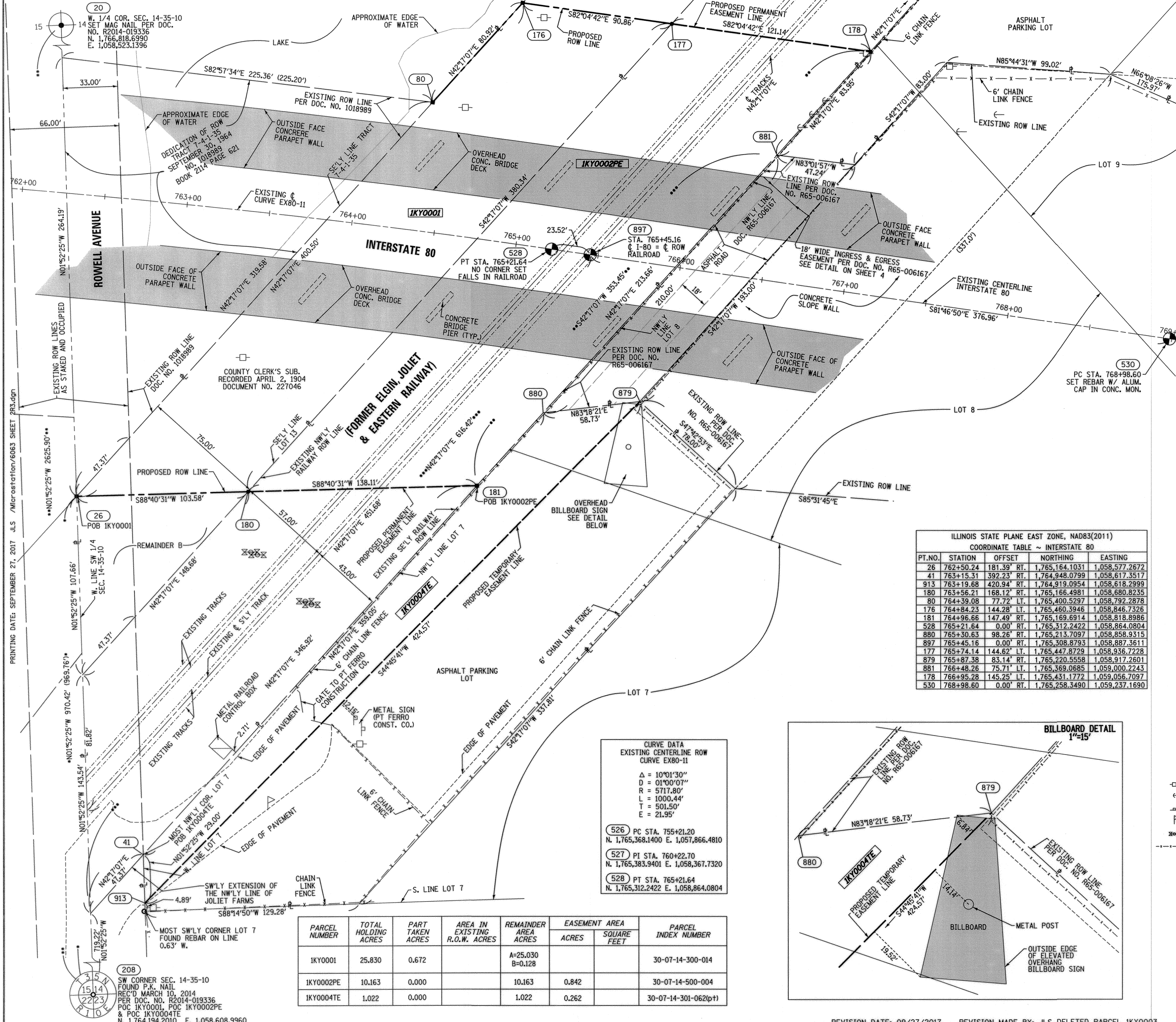
Δ = 10°01'30"
 D = 01°00'07"
 R = 5717.80'
 L = 1000.44'
 T = 501.50'
 E = 21.95'

526 PC STA. 755+21.20
 N. 1,765,368,1400 E. 1,057,866,4810

527 PI STA. 760+22.70
 N. 1,765,383,9401 E. 1,058,367,7320

528 PT STA. 765+21.64
 N. 1,765,312,2422 E. 1,058,864,0804

PARCEL NUMBER	TOTAL HOLDING ACRES	PART TAKEN ACRES	AREA IN EXISTING R.O.W. ACRES	REMAINDER AREA ACRES	EASEMENT AREA ACRES	SQUARE FEET	PARCEL INDEX NUMBER
1KY0001	25.830	0.672		A=25.030 B=0.128			30-07-14-300-014
1KY0002PE	10.163	0.000			0.842		30-07-14-500-004
1KY0004TE	1.022	0.000			0.262		30-07-14-301-062(p1)



PRINTING DATE: SEPTEMBER 27, 2017 JLS /MicroStation/6063 SHEET 2 OF 4

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 I-80 & ROWELL AVENUE

LIMITS: US-30 TO RIDGE RD. COUNTY: WILL
 SECTION: TO STA. 779+00 JOB NO.: R-91-047-13
 STA. 755+00 TO STA. 779+00
 SCALE: 1" = 30' SHEET 2 OF 4 SHEETS

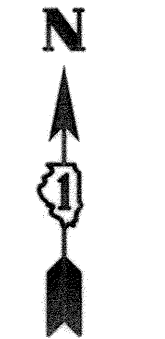
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

LEGEND

SECTION / QUARTER SECTION LINE
 PLATTED LOT LINES
 PROPERTY (DEED) LINE
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 AC PROPOSED ACCESS CONTROL LINE
 MEASURED DIMENSION
 COMPUTED DIMENSION
 RECORDED DIMENSION
 EXISTING BUILDING

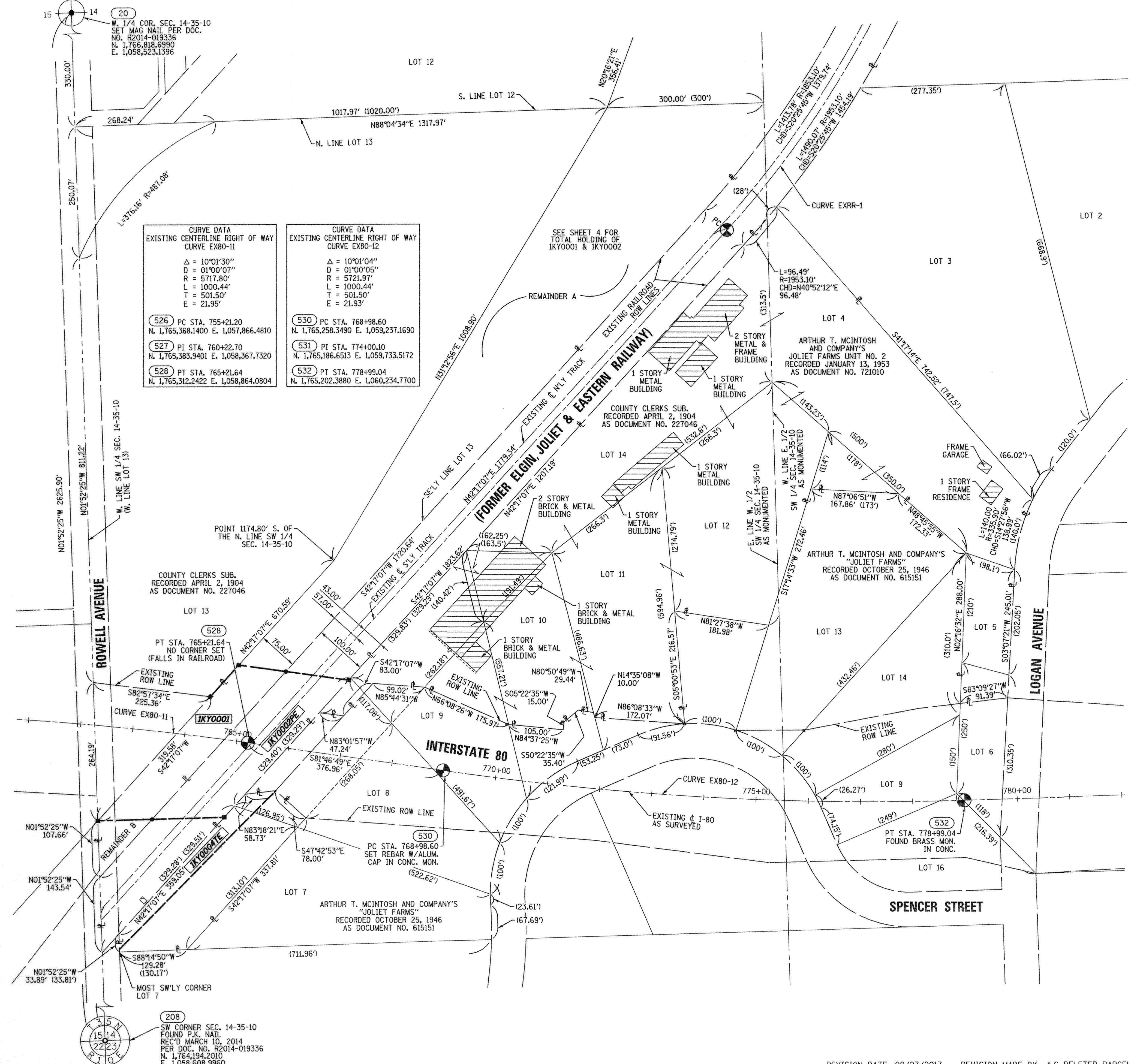
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○ IRON PIPE OR ROD FOUND ⊕ 'MAG' NAIL SET
 + CUT CROSS FOUND OR SET ● 5 / 8" REBAR SET
 ■ STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN. IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
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 ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
 □ RIGHT OF WAY STAKING PROPOSED TO BE SET



GRAPHIC SCALE
 FEET
 0 100'
 SCALE: 1" = 100'

PRINTING DATE: SEPTEMBER 27, 2017 JLS /Microstation/6063 SHEET 3R3.dgn

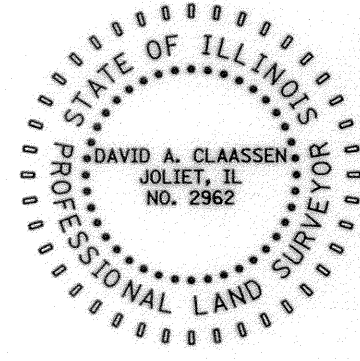


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 COUNTY OF WILL)

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David A. Claassen VICE PRESIDENT
 DAVID A. CLAASSEN
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
 LICENSE EXPIRES NOVEMBER 30, 2018
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



CWA SURVEY
 CLAASSEN, WHITE & ASSOCIATES, P.C.
 LAND SURVEYORS
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
 (815) 744-3720 claassenwhite@cwasurevey.com
 CWA Job #6063

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 I-80 & ROWELL AVENUE

LIMITS: US-30 TO RIDGE RD. COUNTY: WILL
 SECTION: TO STA. 779+00 JOB NO.: R-91-047-13
 STA. 755+00 TO STA. 779+00
 SCALE: 1" = 100' SHEET 3 OF 4 SHEETS

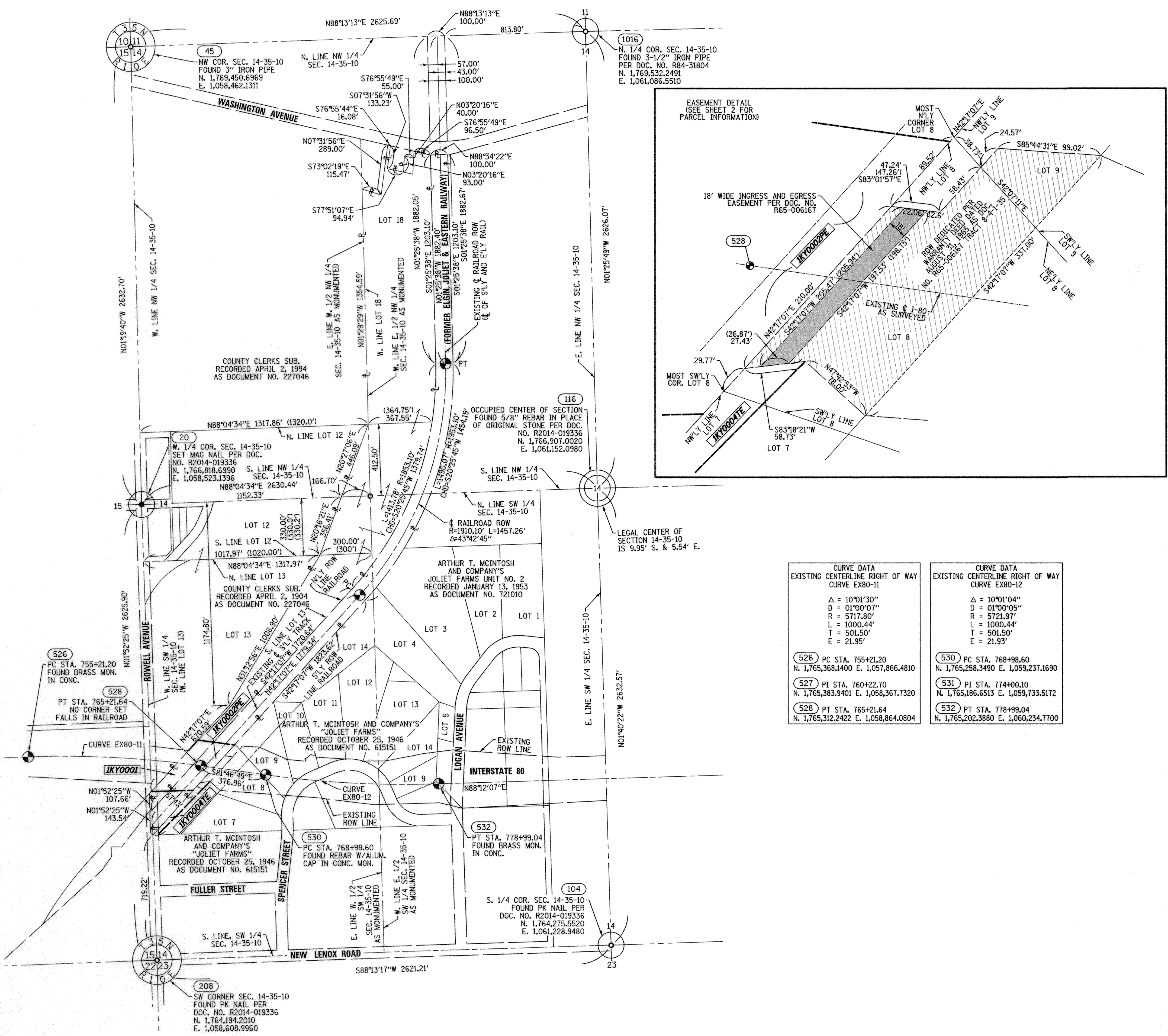
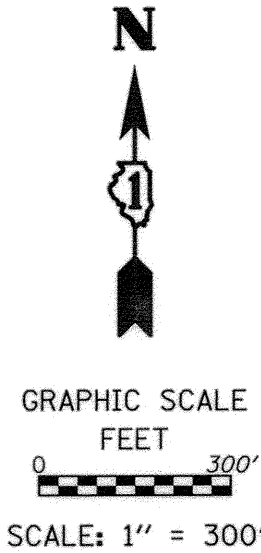
BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

LEGEND

SECTION / QUARTER SECTION LINE
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- STAKING OF PROPOSED RIGHT OF WAY. SET DIVISION OF HIGHWAYS SURVEY MARKER TO MONUMENT THE POSITION SHOWN, IDENTIFIED BY INSCRIPTION DATA AND SURVEYORS REGISTRATION NUMBER.
- M STAKING OF PROPOSED RIGHT OF WAY IN CULTIVATED AREAS. BURIED 5/8 INCH METAL ROD 20 INCHES BELOW GROUND TO MARK FUTURE SURVEY MARKER POSITION IDENTIFIED BY COLORED PLASTIC CAP BEARING SURVEYORS REGISTRATION NUMBER.
- ⊙ PERMANENT SURVEY MARKER, I.D.O.T. STANDARD 2135 (TO BE SET BY OTHERS)
- RIGHT OF WAY STAKING PROPOSED TO BE SET



CURVE DATA EXISTING CENTERLINE RIGHT OF WAY CURVE EX80-11	CURVE DATA EXISTING CENTERLINE RIGHT OF WAY CURVE EX80-12
Δ = 10°01'30"	Δ = 10°01'04"
D = 01°00'07"	D = 01°00'05"
R = 5717.80'	R = 5721.97'
L = 1000.44'	L = 1000.44'
T = 501.50'	T = 501.50'
E = 21.95'	E = 21.93'

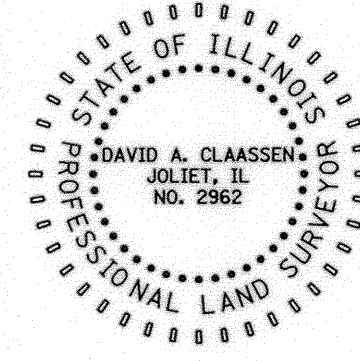
526 PC STA. 755+21.20 N. 1,765,368.1400 E. 1,057,866.4810	530 PC STA. 768+98.60 N. 1,765,258.3490 E. 1,059,237.1690
527 PI STA. 760+22.70 N. 1,765,383.9401 E. 1,058,367.7320	531 PI STA. 774+00.10 N. 1,765,186.6513 E. 1,059,733.5172
528 PT STA. 765+21.64 N. 1,765,312.2422 E. 1,058,864.0804	532 PT STA. 778+99.04 N. 1,765,202.3880 E. 1,060,234.7700

STATE OF ILLINOIS)
) SS
 COUNTY OF WILL)

THIS IS TO CERTIFY THAT WE, CLAASSEN, WHITE & ASSOCIATES, P.C., AN ILLINOIS PROFESSIONAL DESIGN FIRM LAND SURVEYING CORPORATION NUMBER 184-004039, HAVE SURVEYED THE PLAT OF HIGHWAYS SHOWN HEREON IN SECTION 14, TOWNSHIP 35 NORTH, RANGE 10 EAST OF THE THIRD PRINCIPAL MERIDIAN, WILL COUNTY, THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT THE PLAT CORRECTLY REPRESENTS SAID SURVEY, THAT ALL MONUMENTS FOUND AND ESTABLISHED ARE OF PERMANENT QUALITY AND OCCUPY THE POSITIONS SHOWN THEREON AND THAT THE MONUMENTS ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS SURVEY CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY. MADE FOR THE DEPARTMENT OF TRANSPORTATION, STATE OF ILLINOIS.

FIELD WORK WAS COMPLETED ON THE 6th DAY OF OCTOBER, 2014 A.D. DATED AT JOLIET, ILLINOIS THIS 28th DAY OF SEPTEMBER, 2017 A.D.

David A. Claassen VICE PRESIDENT
 DAVID A. CLAASSEN
 ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 035-002962
 LICENSE EXPIRES NOVEMBER 30, 2018
 THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



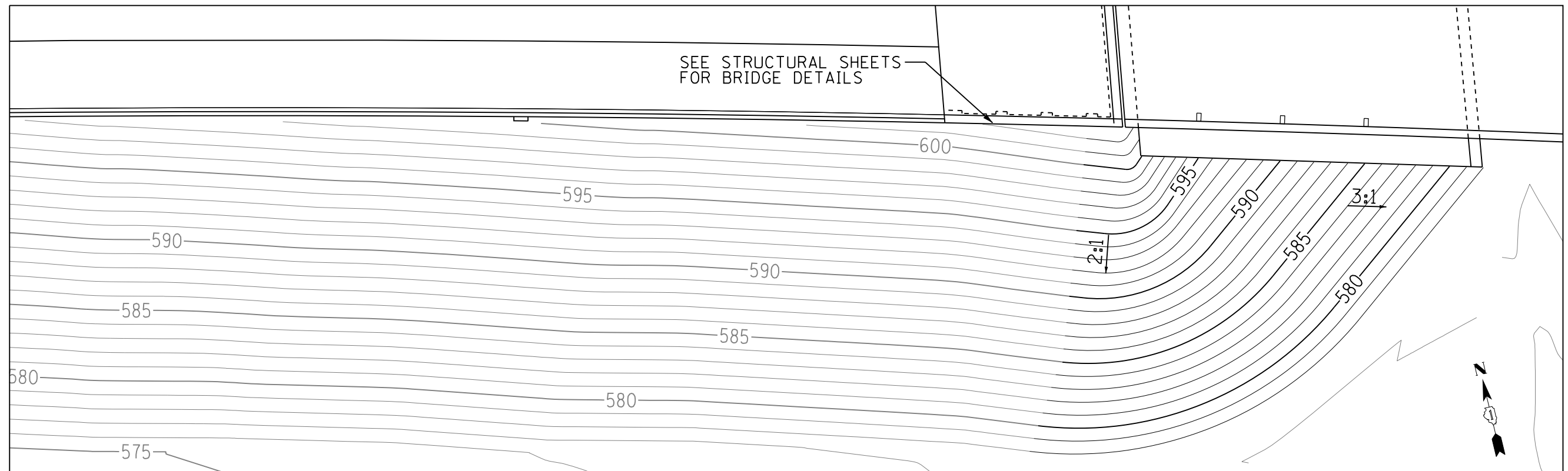
CWA SURVEY
 CLAASSEN, WHITE & ASSOCIATES, P.C.
 LAND SURVEYORS
 121 AIRPORT DRIVE, UNIT 1, JOLIET, ILLINOIS 60431
 (815) 744-3720 claassenwhitecwasurvey.com
 CWA Job #6063

PLAT OF HIGHWAYS
 STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 I-80 & ROWELL AVENUE

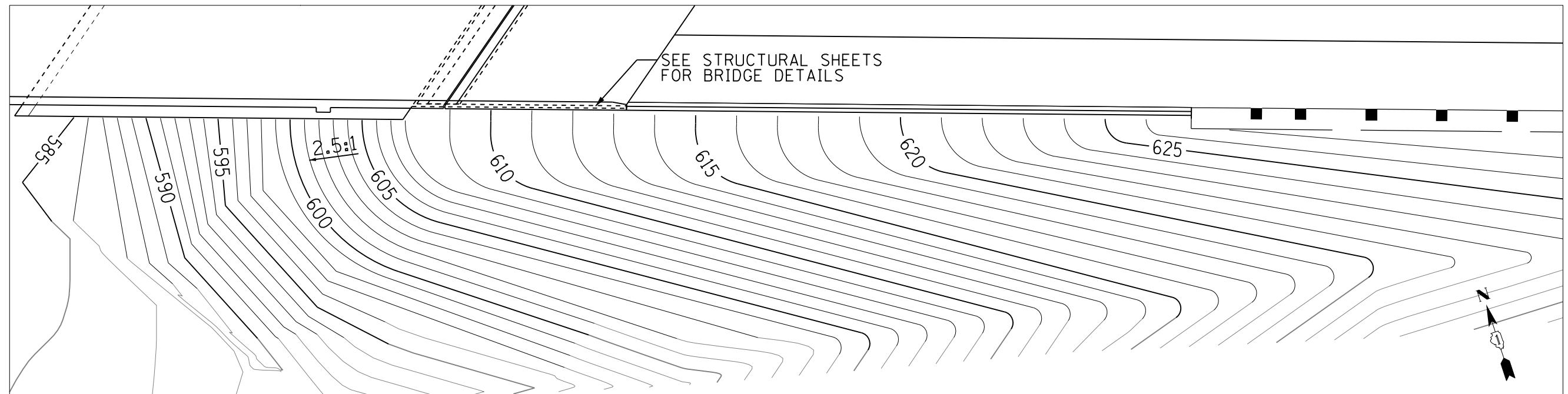
LIMITS: US-30 TO RIDGE RD. COUNTY: WILL
 SECTION: TO STA. 779+00 JOB NO.: R-91-047-13
 STA. 755+00 TO STA. 779+00
 SCALE: 1" = 300' SHEET 4 OF 4 SHEETS

BUREAU OF LAND ACQUISITION
 201 WEST CENTER COURT
 SCHAUMBURG, ILLINOIS 60196

PRINTING DATE: SEPTEMBER 27, 2017 JLS /Microstation/6063 SHEET 4R2.dgn



SW QUADRANT EB I-80 AT ROWELL AVENUE
STRUCTURE NO. 099-0904



SE QUADRANT EB I-80 AT ROWELL AVENUE
STRUCTURE NO. 099-0904

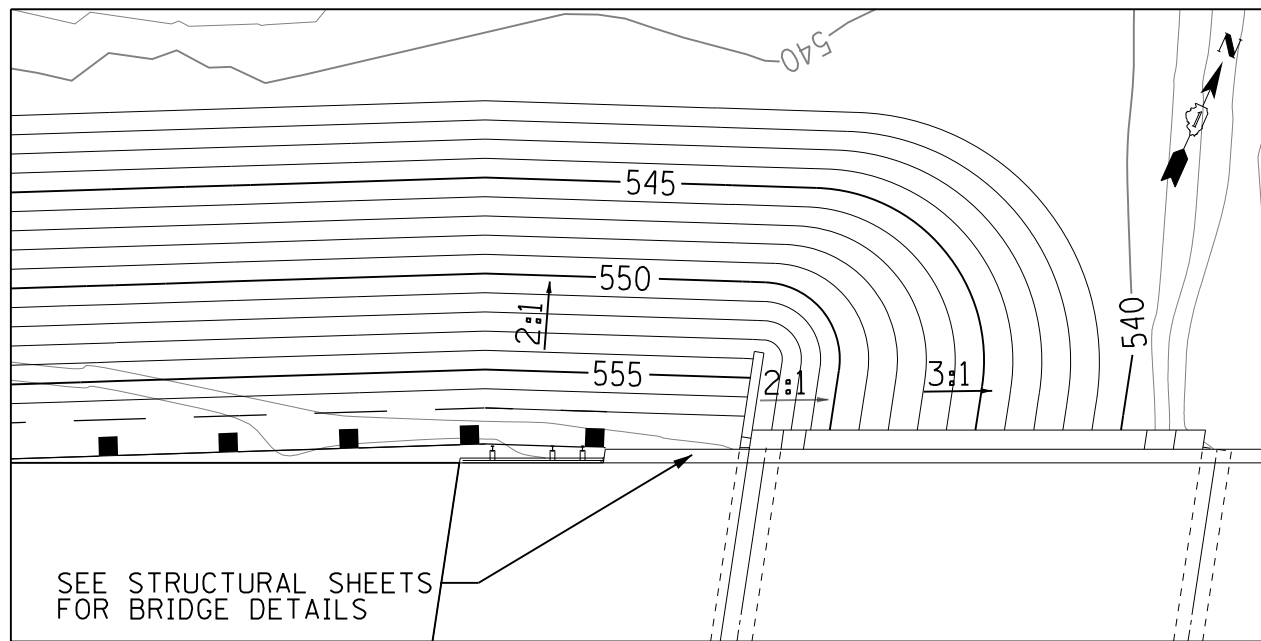
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	DRAWN - EJB	REVISED -
PLOT SCALE = #SCALE#	CHECKED - MJP	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



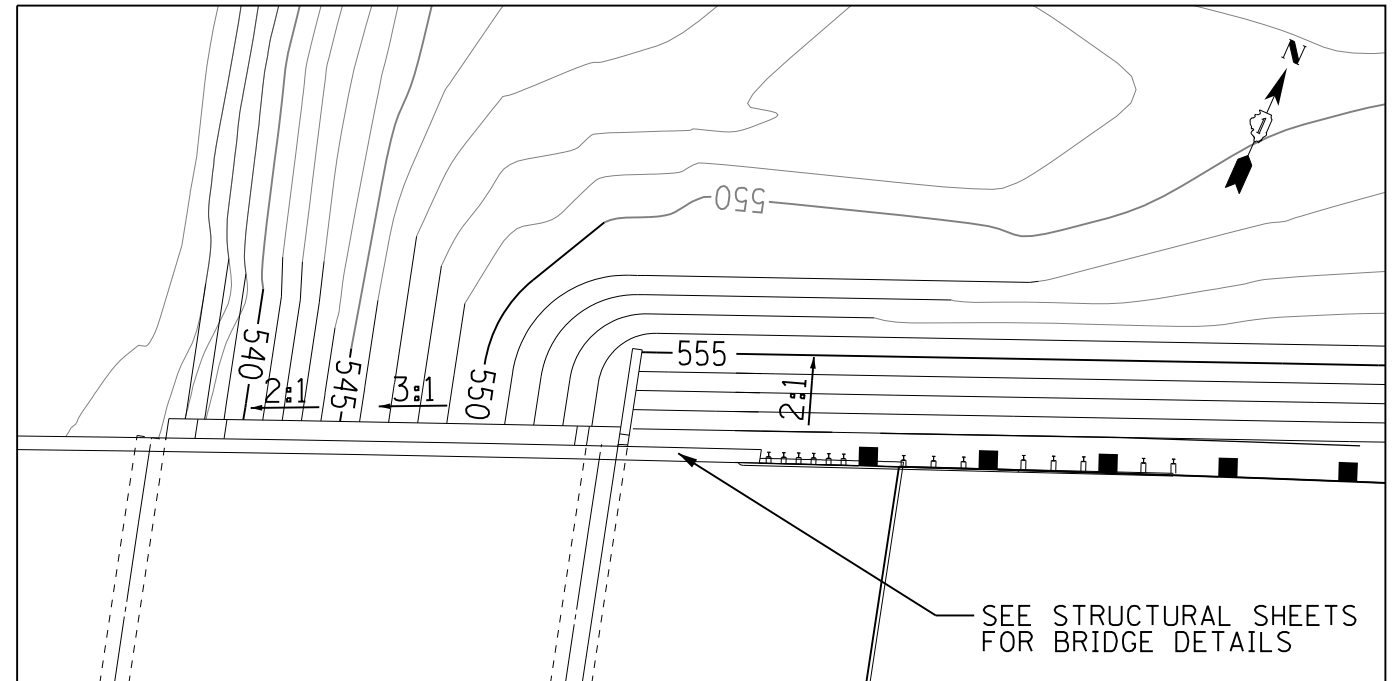
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
I-80 AT GARDNER STREET AND ROWELL AVENUE BRIDGE GRADING PLAN
SCALE: 1" = 10' SHEET 1 OF 3 SHEETS STA. TO STA.

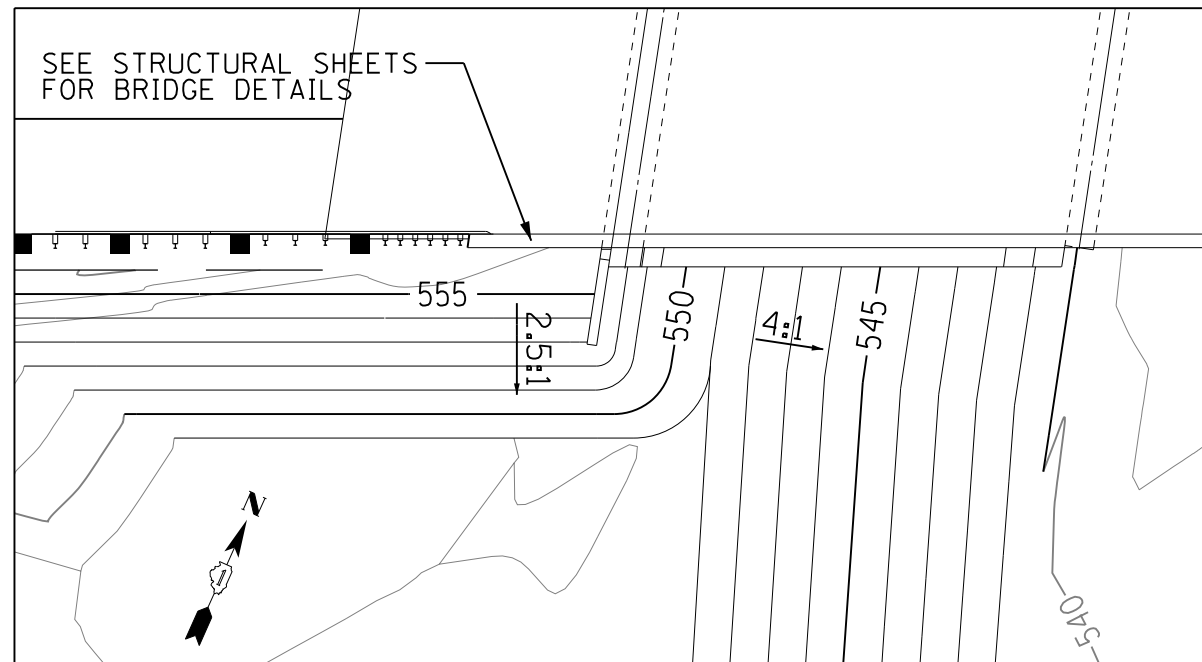
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	151
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				



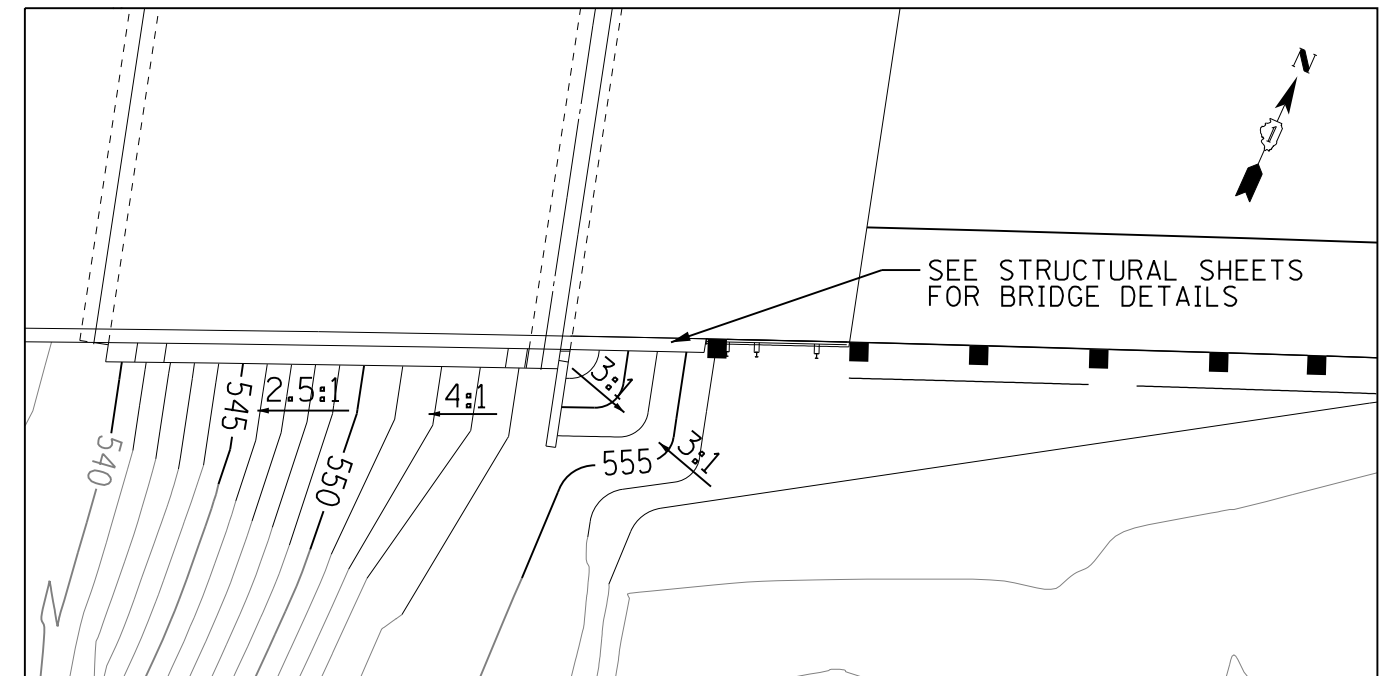
NW QUADRANT WB I-80 AT RICHARDS STREET
STRUCTURE NO. 099-0901



NE QUADRANT WB I-80 AT RICHARDS STREET
STRUCTURE NO. 099-0901



SW QUADRANT EB I-80 AT RICHARDS STREET
STRUCTURE NO. 099-0900



SE QUADRANT EB I-80 AT RICHARDS STREET
STRUCTURE NO. 099-0900

USER NAME = Bentley-Civil	DESIGNED - EJB	REVISED -
	DRAWN - EJB	REVISED -
PLOT SCALE = #SCALE#	CHECKED - MJP	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



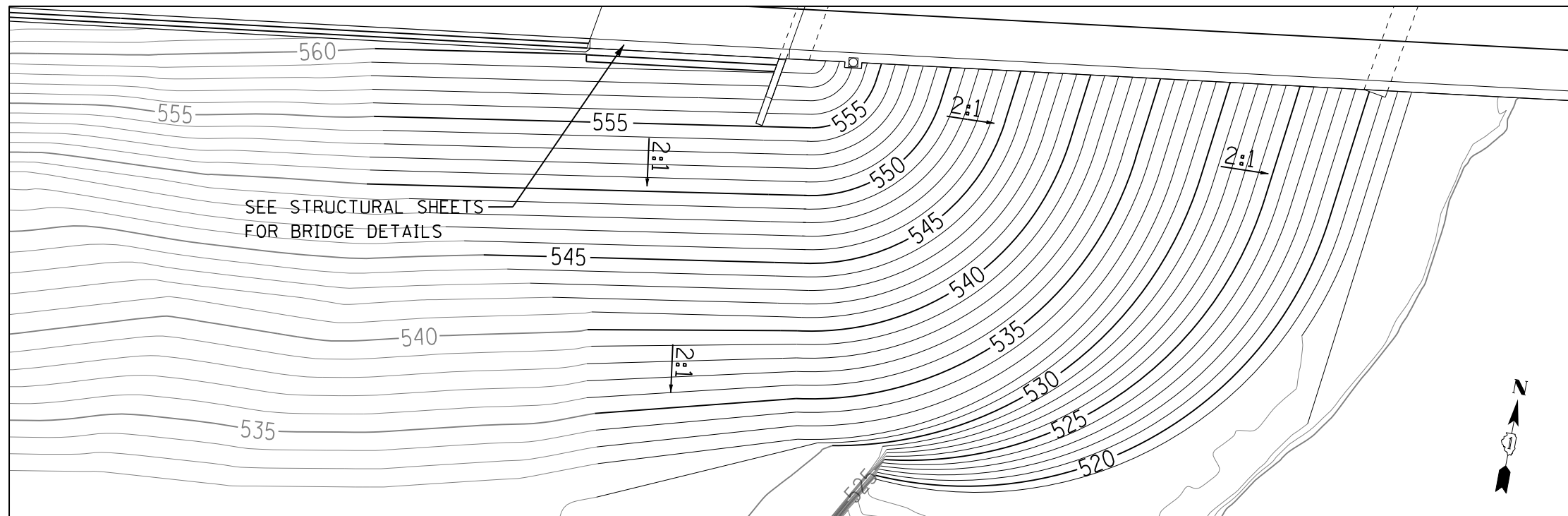
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
I-80 AT RICHARDS STREET BRIDGE GRADING PLAN

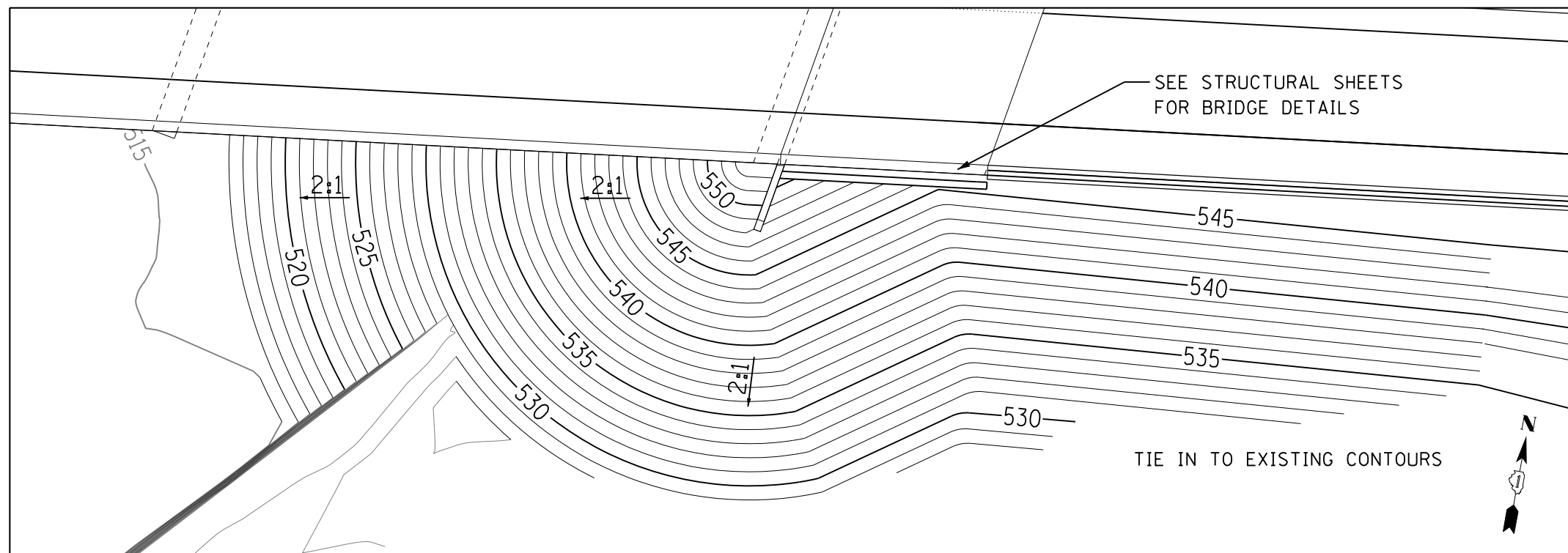
SCALE: 1" = 10' SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	152
CONTRACT NO. 60W34				

ILLINOIS FED. AID PROJECT



SW QUADRANT EB I-80 AT HICKORY CREEK
STRUCTURE NO. 099-0062



SE QUADRANT EB I-80 AT HICKORY CREEK
STRUCTURE NO. 099-0062

USER NAME = Bentley-Civil	DESIGNED - EJB	REVISED -
	DRAWN - EJB	REVISED -
PLOT SCALE = #SCALE#	CHECKED - MJP	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

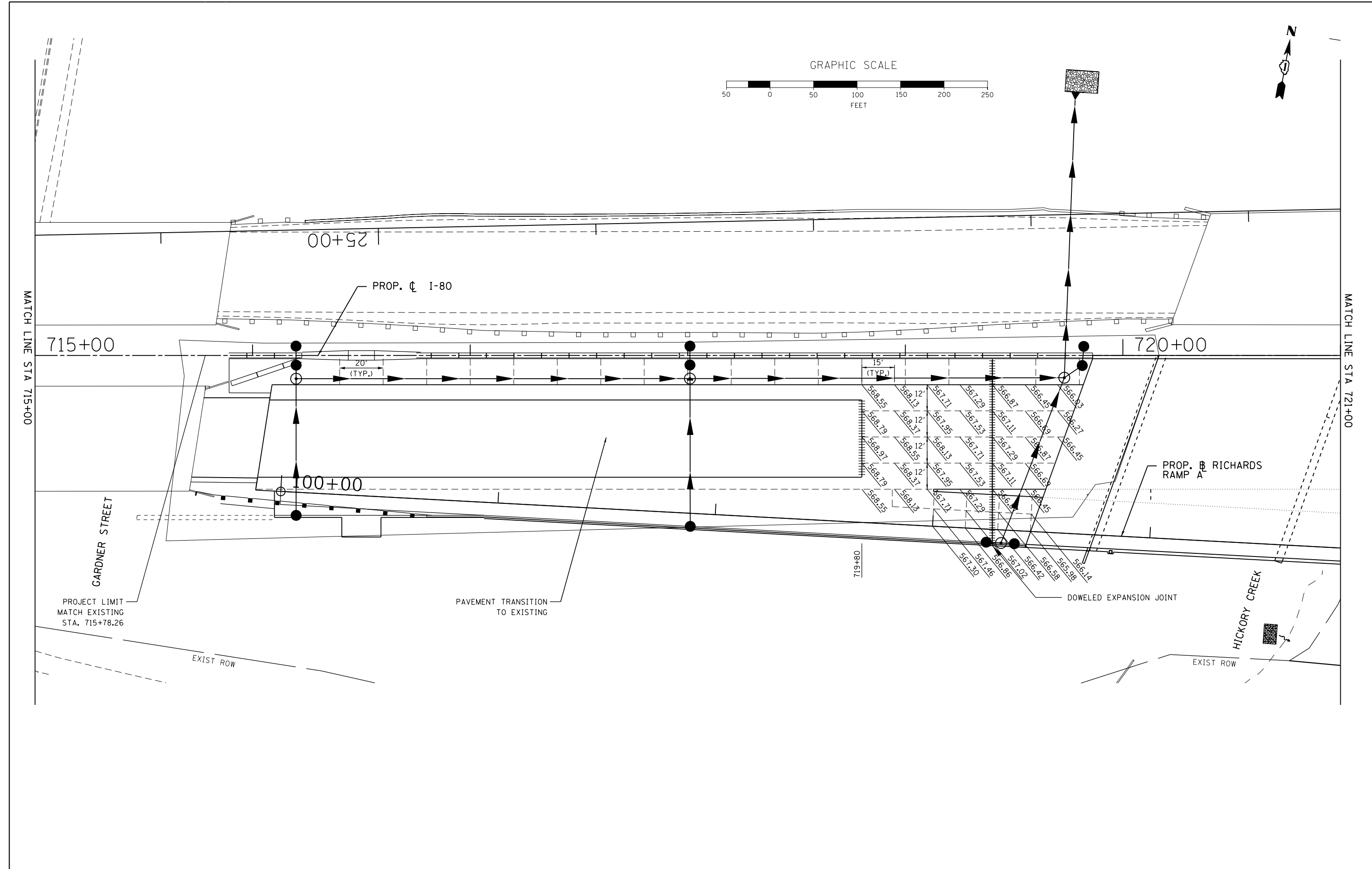
EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
I-80 AT HICKORY CREEK BRIDGE GRADING PLAN

SCALE: 1" = 10' SHEET 3 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	153
CONTRACT NO. 60W34				

ILLINOIS FED. AID PROJECT

FILE NAME = D160W34-sht-grading03.dgn



USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -
	DRAWN - JAC	REVISED -
PLOT SCALE = #SCALE#	CHECKED - MJP	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
JOINTING AND ELEVATION PLAN**

SCALE: 1" = 20' SHEET 1 OF 12 SHEETS STA. 715+00 TO STA. 721+00

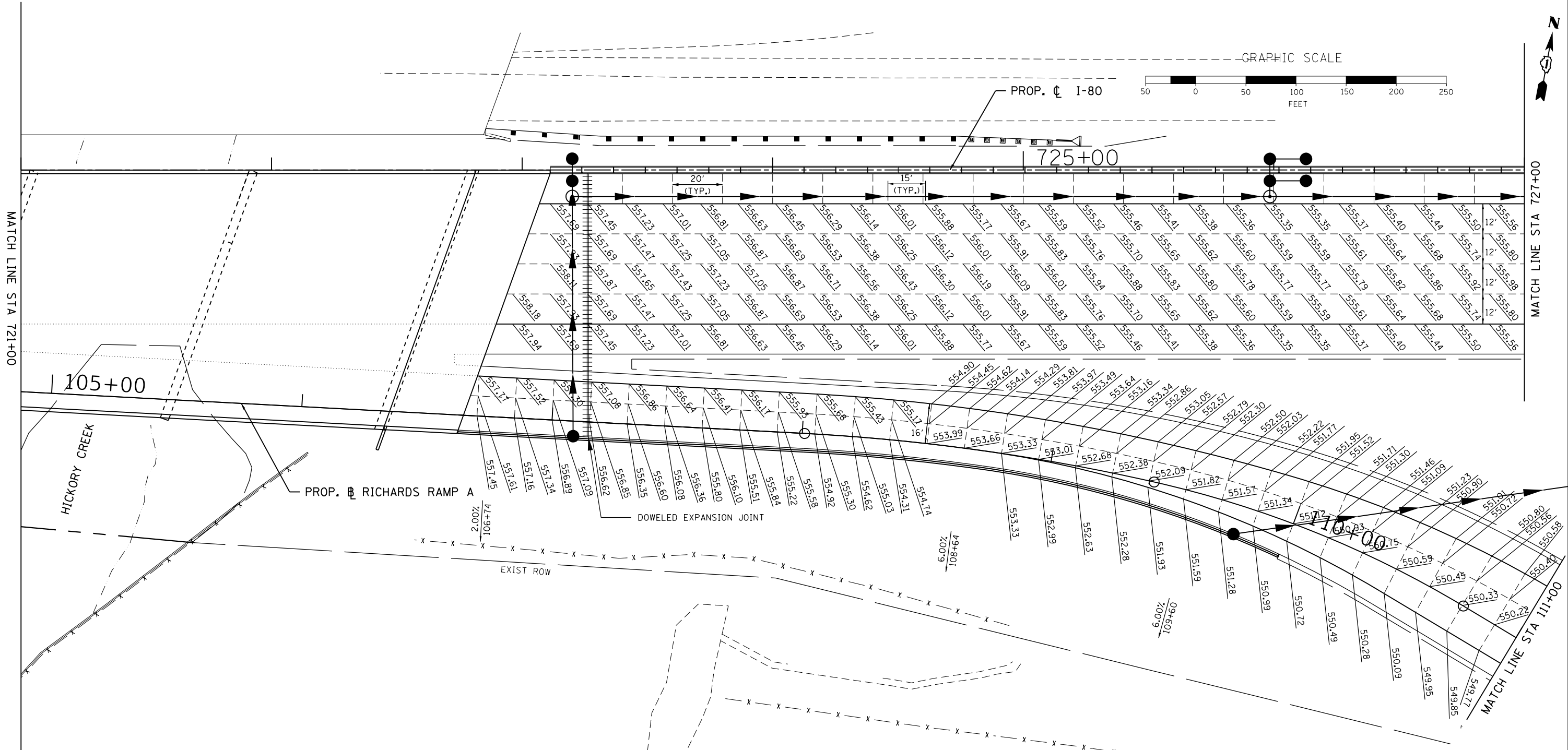
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	154
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

GRAPHIC SCALE



MATCH LINE STA 721+00

MATCH LINE STA 727+00



USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -
	DRAWN - JAC	REVISED -
PLOT SCALE = #SCALE#	CHECKED - MJP	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



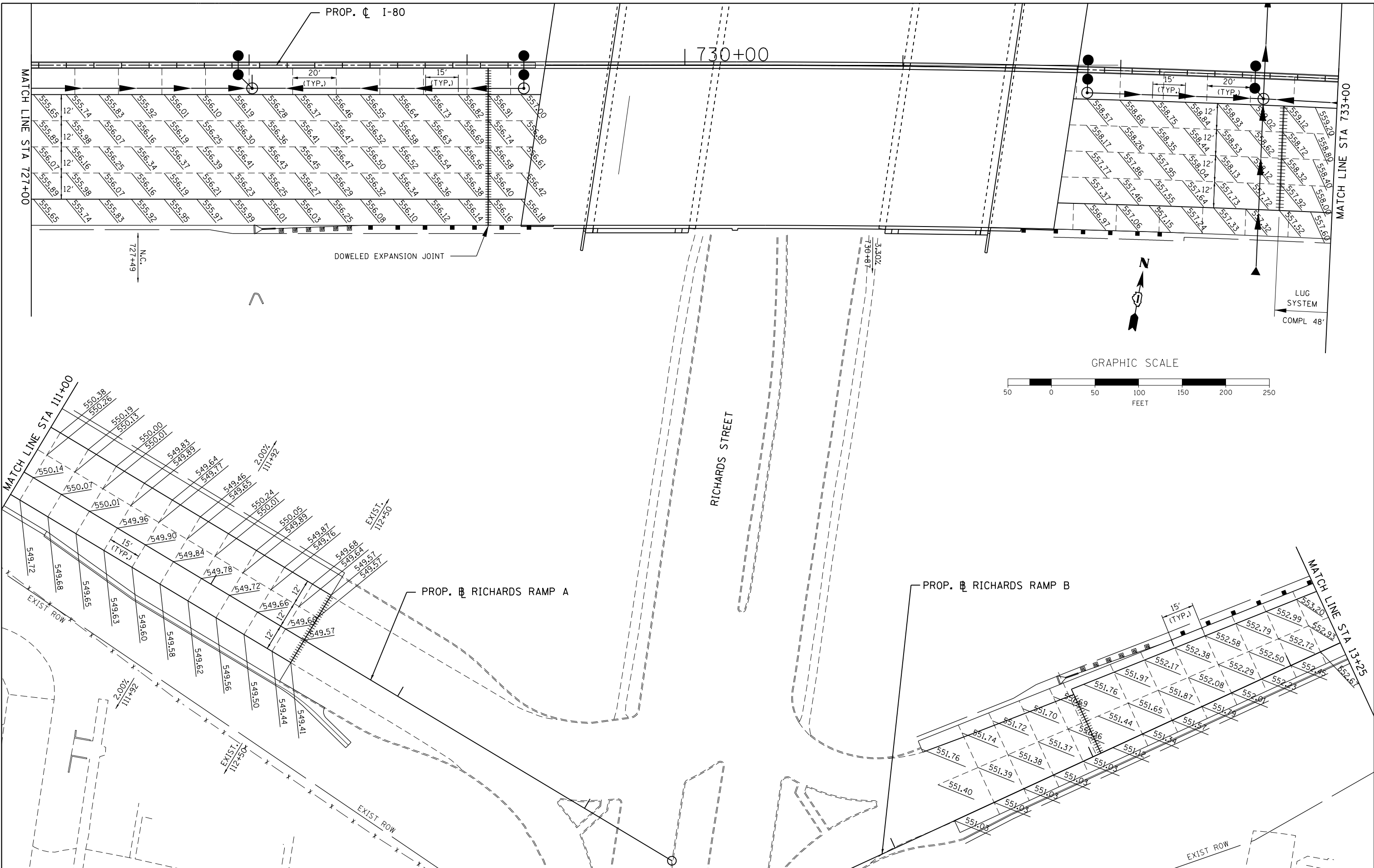
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
JOINTING AND ELEVATION PLAN

SCALE: 1" = 20' SHEET 2 OF 12 SHEETS STA. 721+00 TO STA. 727+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	155
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

FILE NAME = D160W34-sht-pvt-joint04.dgn



USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -
PLOT SCALE = *SCALE*	DRAWN - JAC	REVISED -
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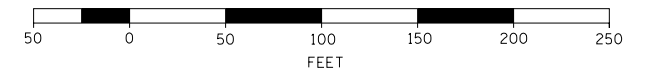
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
JOINTING AND ELEVATION PLAN**

SCALE: 1" = 20' SHEET 3 OF 12 SHEETS STA. 727+00 TO STA. 733+00

F.A.I. RTE. 80	SECTION 2013-008B	COUNTY WILL	TOTAL SHEETS 511	SHEET NO. 156
				CONTRACT NO. 60W34
ILLINOIS FED. AID PROJECT				

GRAPHIC SCALE



PROP. I-80

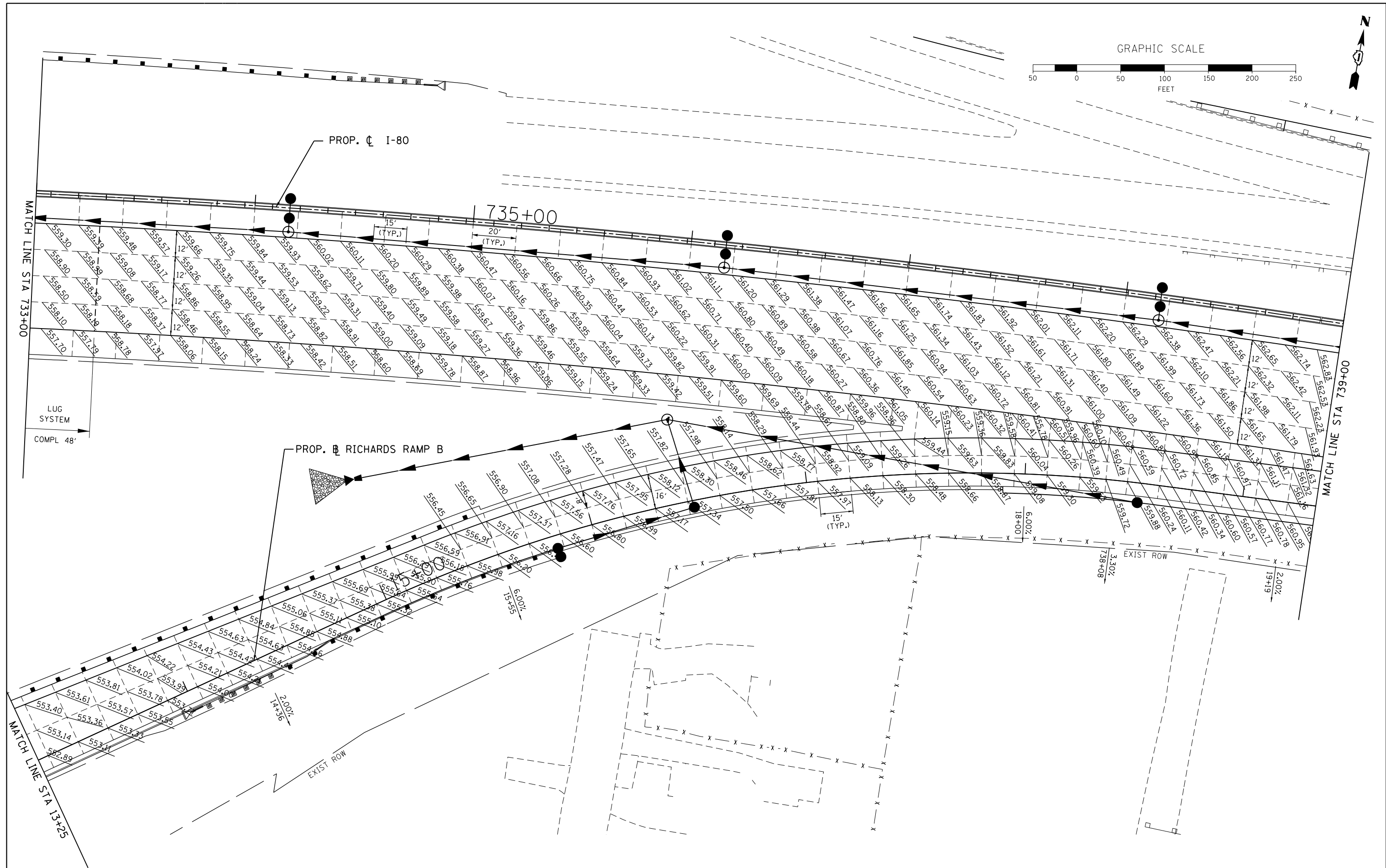
735+00

PROP. RICHARDS RAMP B

MATCH LINE STA 733+00

MATCH LINE STA 739+00

LUG SYSTEM
COMPL 48'



USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -
PLOT SCALE = *SCALE*	DRAWN - JAC	REVISED -
PLOT DATE = 6/25/2020	CHECKED - MJP	REVISED -
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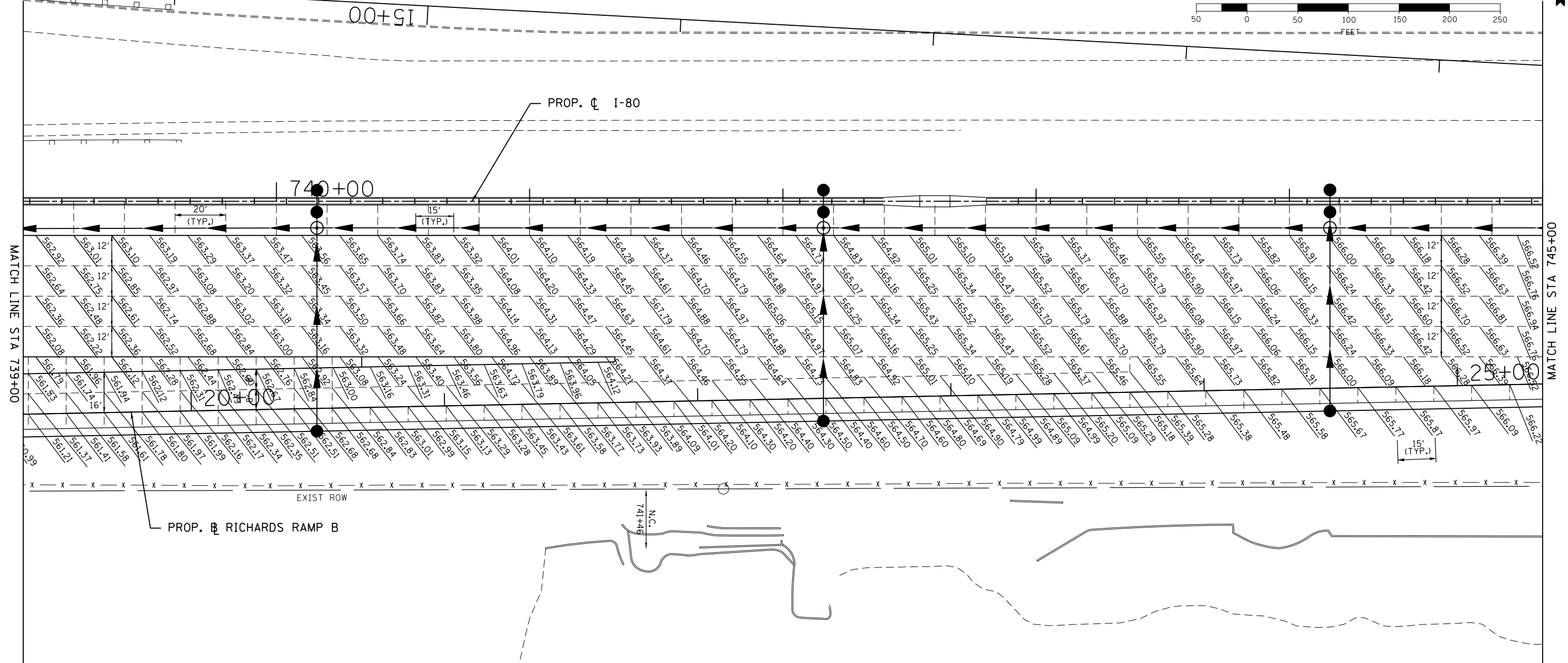
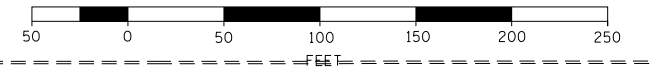
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
JOINTING AND ELEVATION PLAN
SCALE: 1" = 20' SHEET 4 OF 12 SHEETS STA. 733+00 TO STA. 739+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	157
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				



GRAPHIC SCALE



USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -
	DRAWN - JAC	REVISED -
PLOT SCALE = *SCALE*	CHECKED - MJP	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

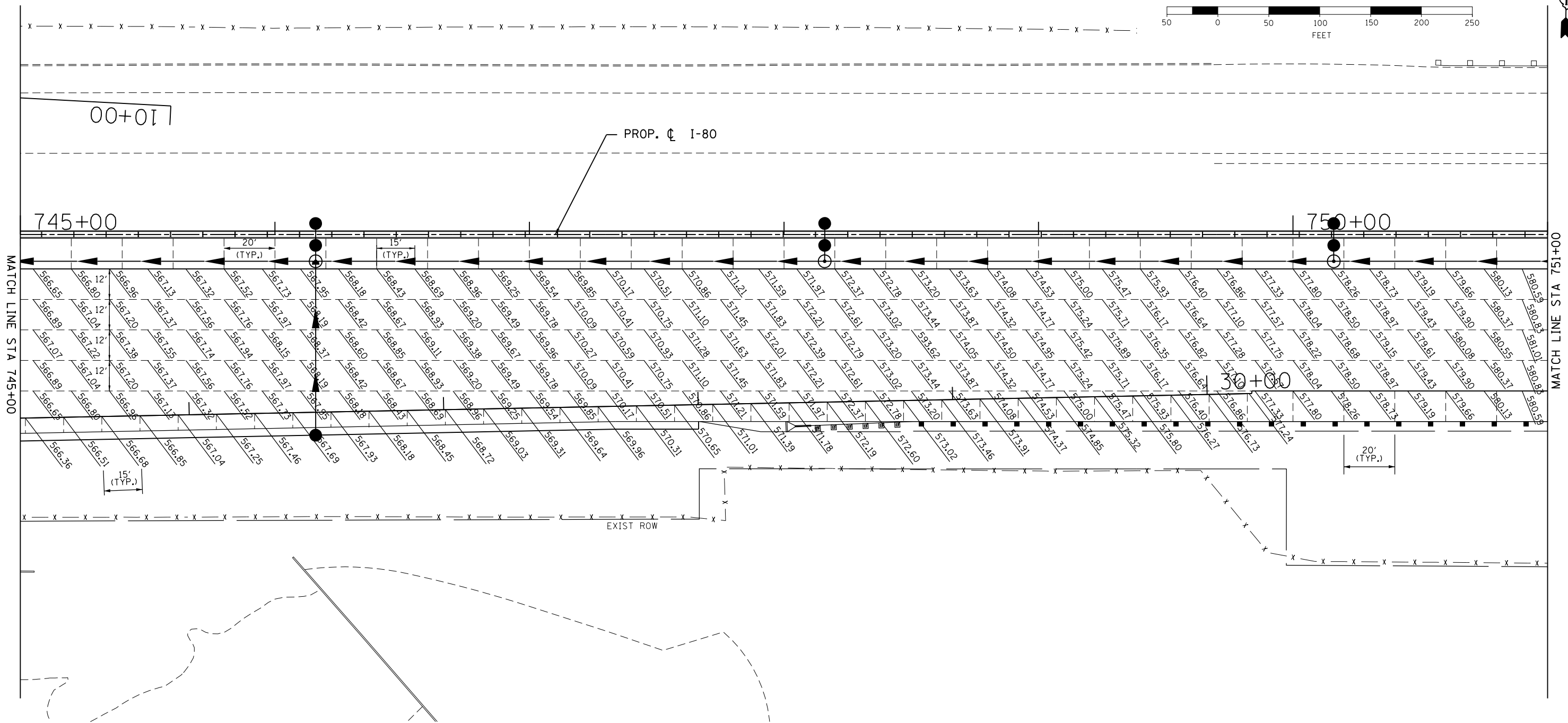
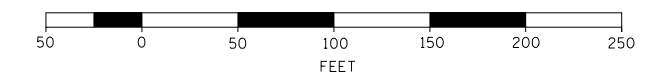
EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
JOINTING AND ELEVATION PLAN

SCALE: 1" = 20' SHEET 5 OF 12 SHEETS STA. 739+00 TO STA. 745+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	158
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

FILE NAME = D160W34-sht-pvt-joint07.dgn

GRAPHIC SCALE



USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -
	DRAWN - JAC	REVISED -
PLOT SCALE = #SCALE#	CHECKED - MJP	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
JOINTING AND ELEVATION PLAN

SCALE: 1" = 20' SHEET 6 OF 12 SHEETS STA. 745+00 TO STA. 751+00

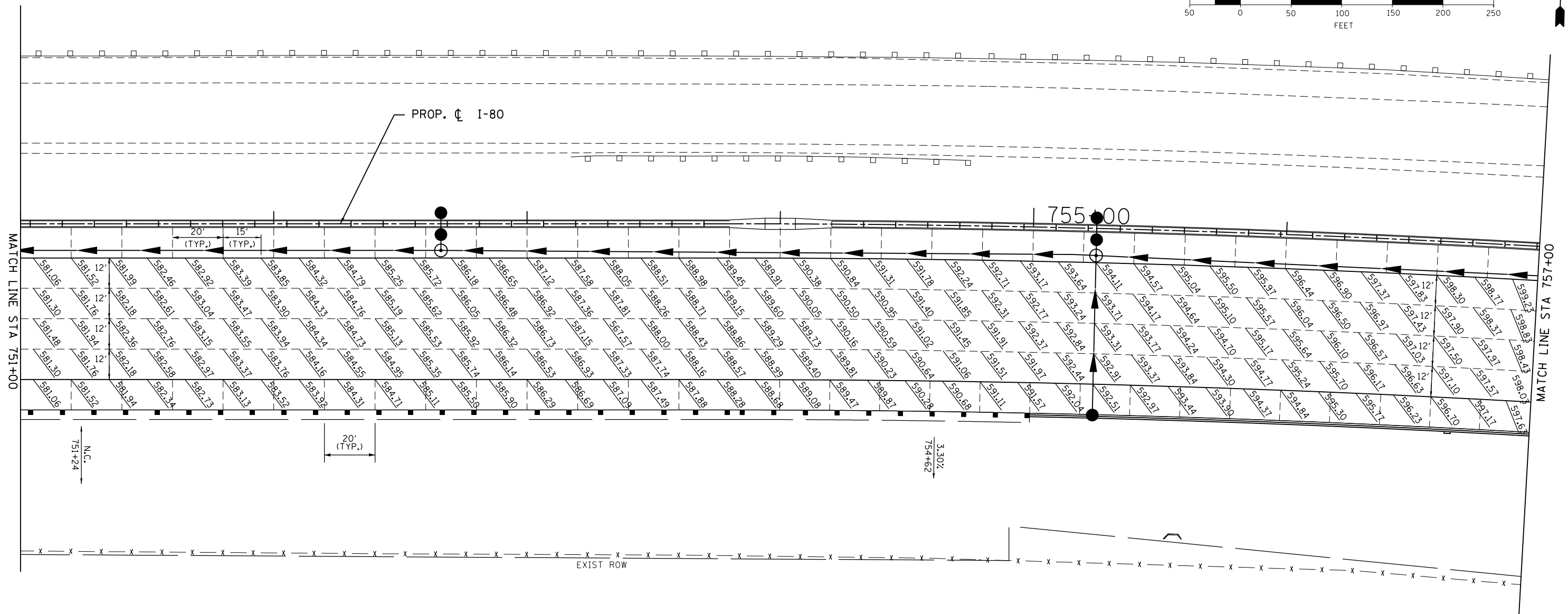
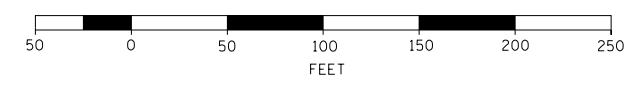
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	159
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

FILE NAME = D160W34-sht-pvt-joint08.dgn

x-x x-x x-x x-x

+/

GRAPHIC SCALE



USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -
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PLOT SCALE = *SCALE*	CHECKED - MJP	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



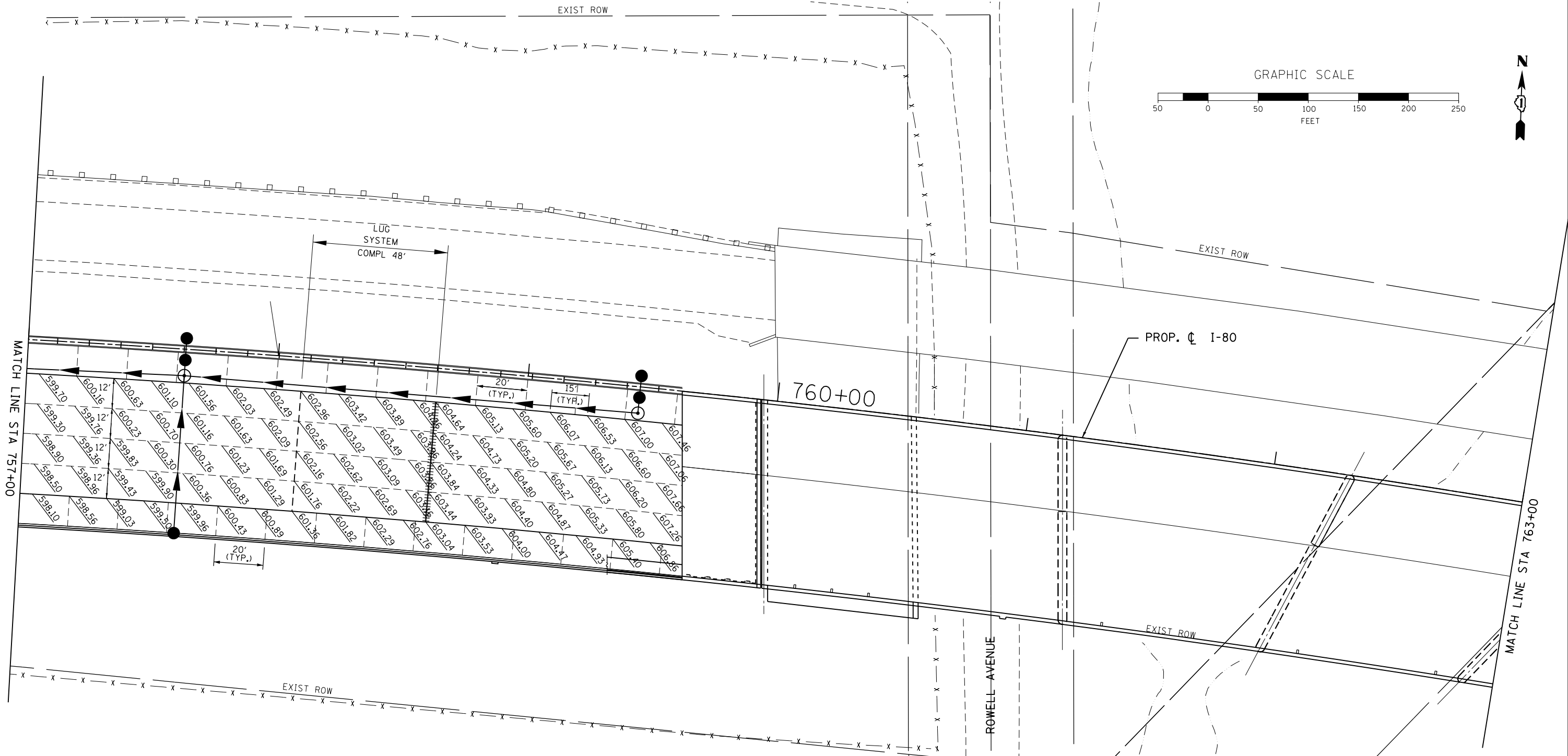
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
JOINTING AND ELEVATION PLAN

SCALE: 1" = 20' SHEET 7 OF 12 SHEETS STA. 751+00 TO STA. 757+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	160
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

FILE NAME = D160W34-sht-pvt-joint09.dgn



MATCH LINE STA 757+00

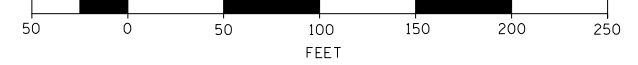
MATCH LINE STA 763+00

760+00

ROWELL AVENUE

PROP. C I-80

GRAPHIC SCALE



USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -
	DRAWN - JAC	REVISED -
PLOT SCALE = #SCALE#	CHECKED - MJP	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



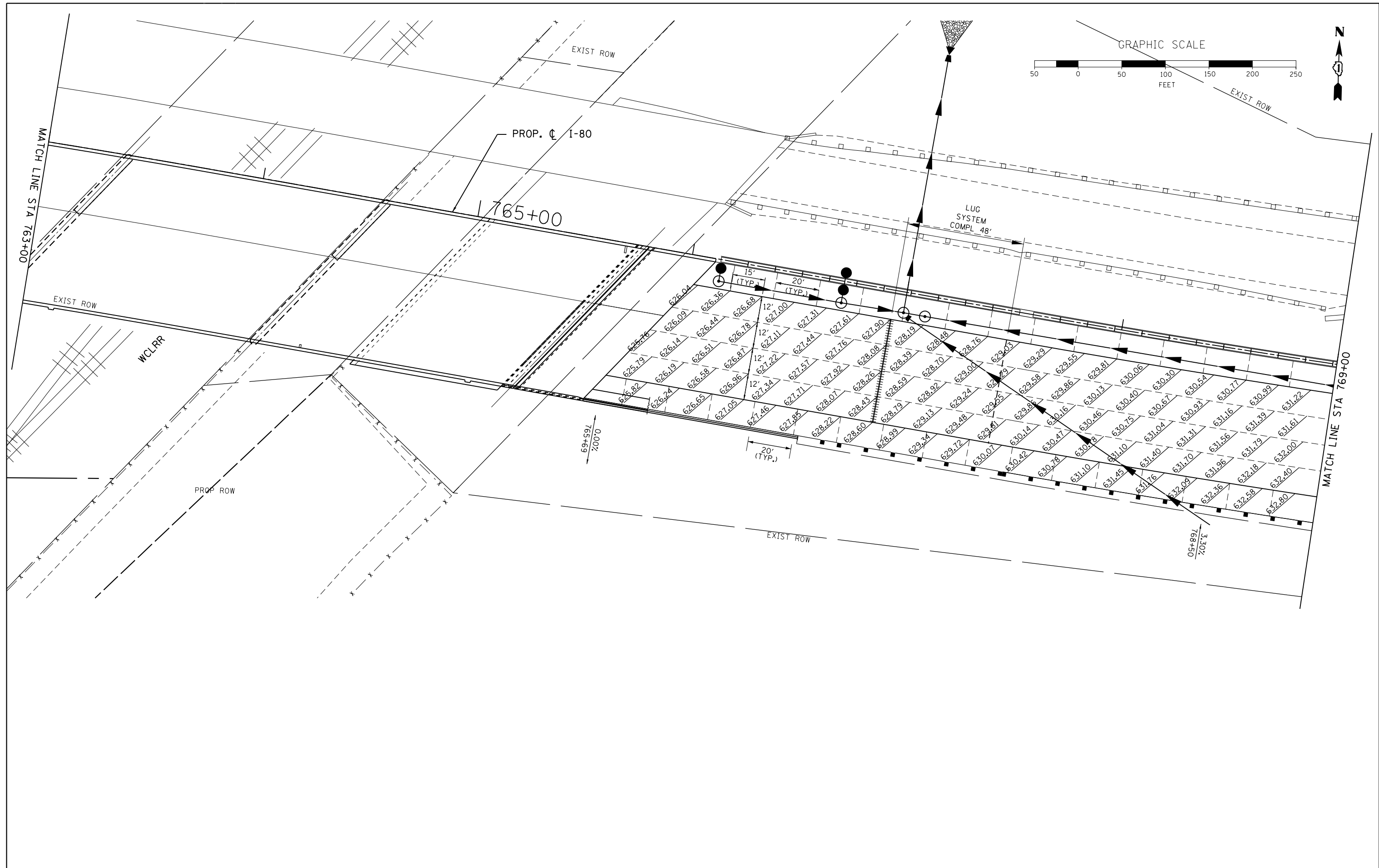
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
JOINTING AND ELEVATION PLAN

SCALE: 1" = 20' SHEET 8 OF 12 SHEETS STA. 757+00 TO STA. 763+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	161
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

FILE NAME = D160W34-sht-pvt-joint1.dgn



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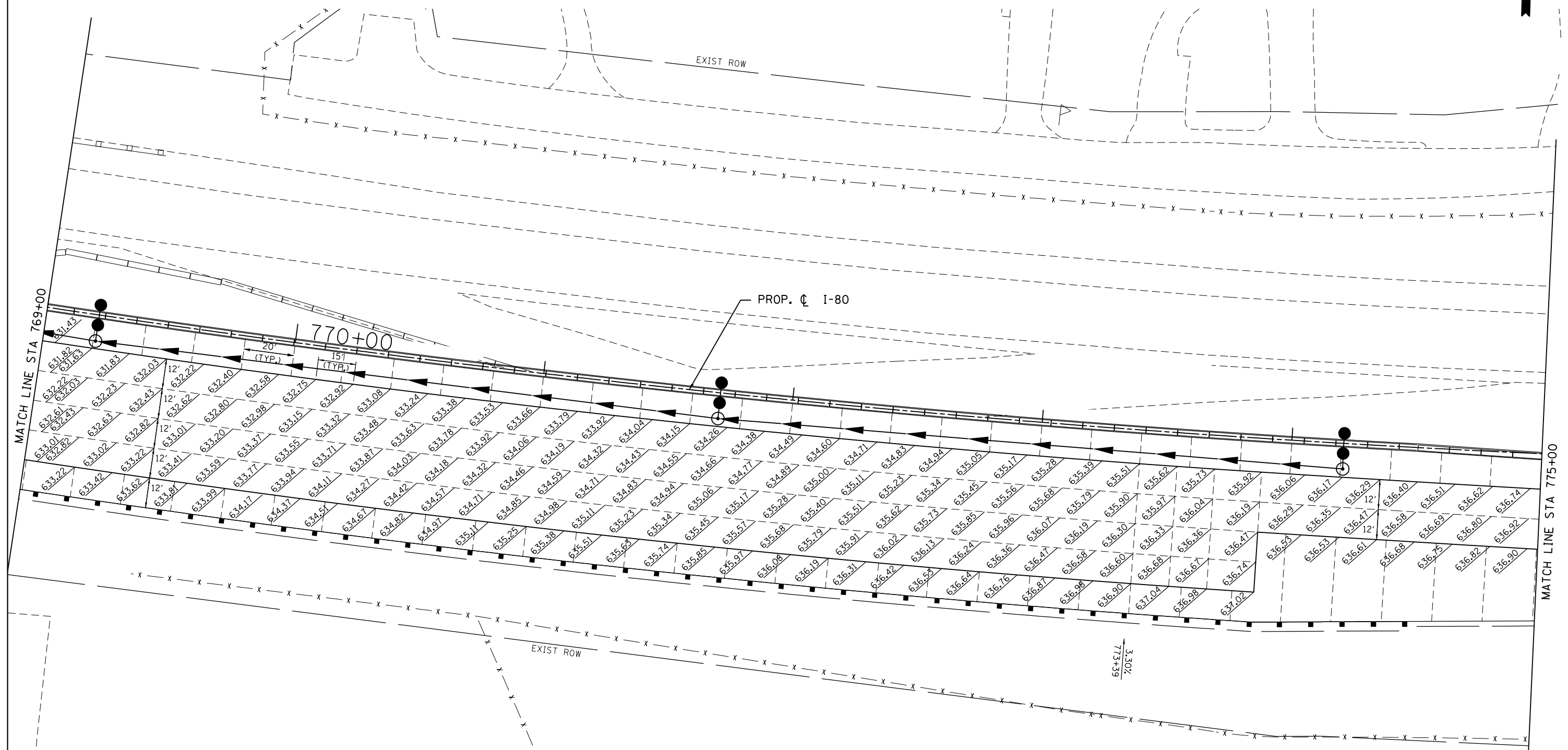
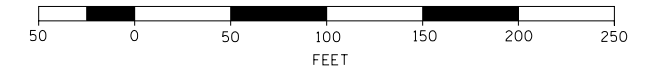
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
JOINTING AND ELEVATION PLAN**

SCALE: 1" = 20' SHEET 9 OF 12 SHEETS STA. 763+00 TO STA. 769+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	162
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

GRAPHIC SCALE



USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -
	DRAWN - JAC	REVISED -
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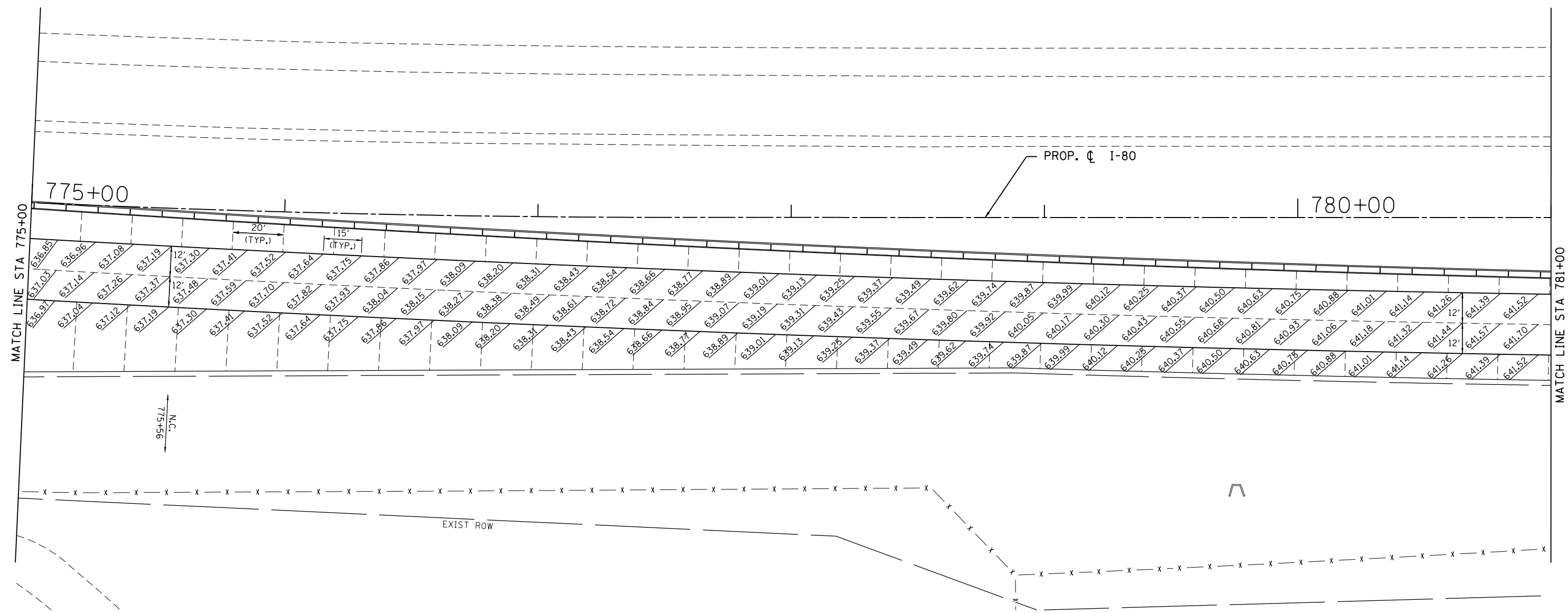
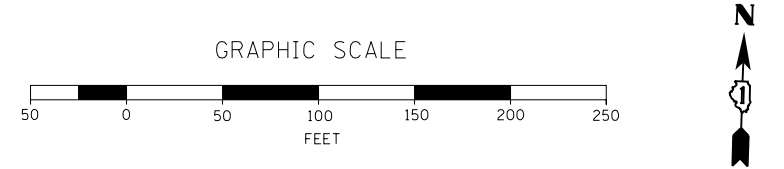


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

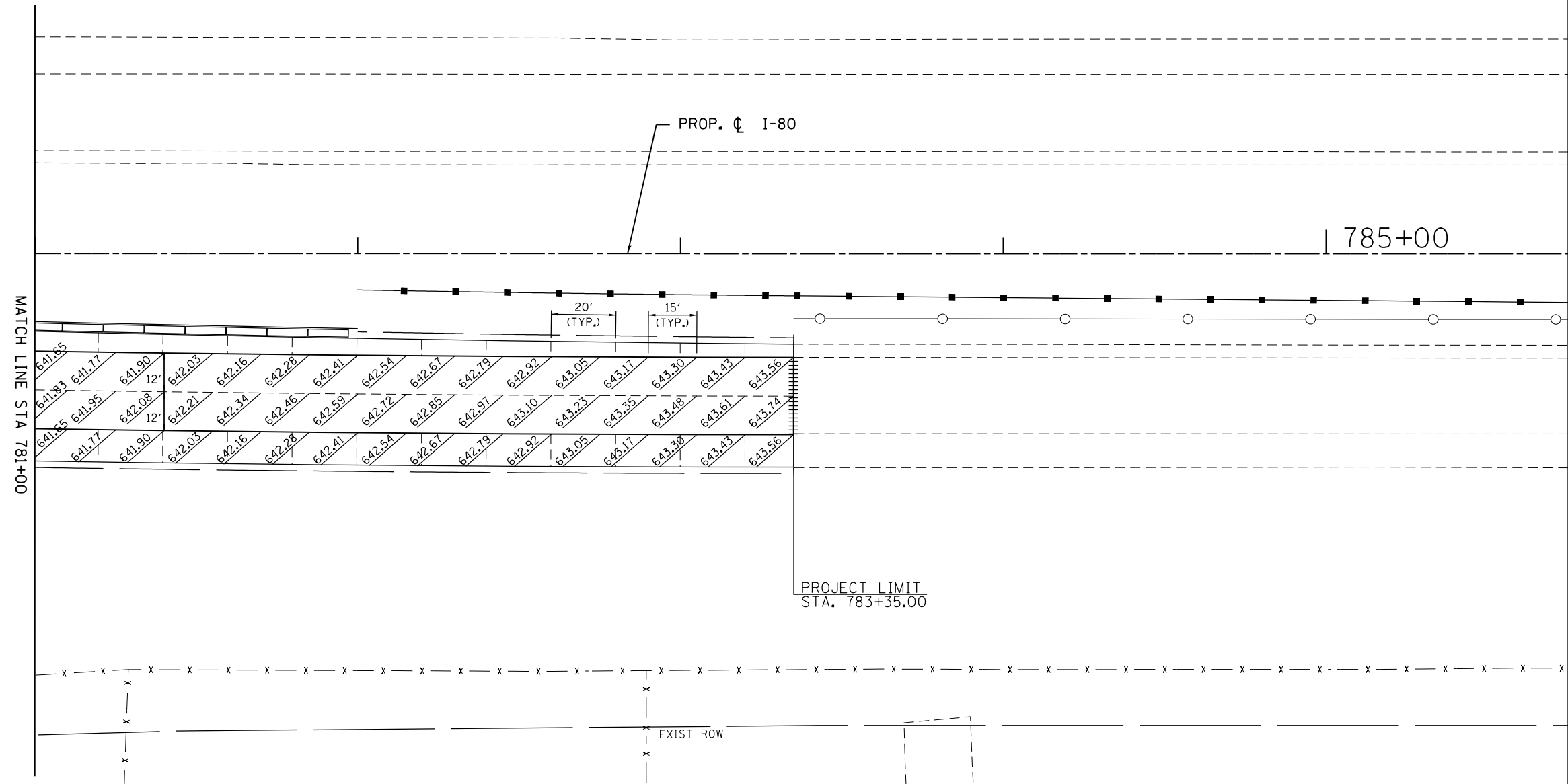
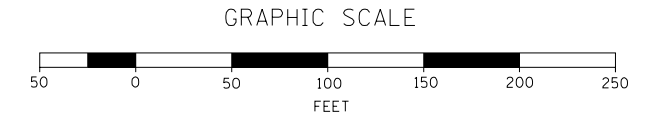
EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
JOINTING AND ELEVATION PLAN

SCALE: 1" = 20' SHEET 10 OF 12 SHEETS STA. 769+00 TO STA. 775+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	163
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				



USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION			EB I-80 FROM GARDNER STREET TO ROWELL AVENUE JOINTING AND ELEVATION PLAN			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = #SCALE#	DRAWN - JAC	REVISED -								80	2013-008B	WILL	511	164
PLOT DATE = 6/25/2020	CHECKED - MJP	REVISED -								CONTRACT NO. 60W34				
FILE NAME = D160W34-sht-pvt-joint13.dgn	DATE - 6/25/2020	REVISED -								ILLINOIS FED. AID PROJECT				
			SCALE: 1" = 20'			SHEET 11 OF 12 SHEETS			STA. 775+00 TO STA. 781+00					



USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -
	DRAWN - JAC	REVISED -
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PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -

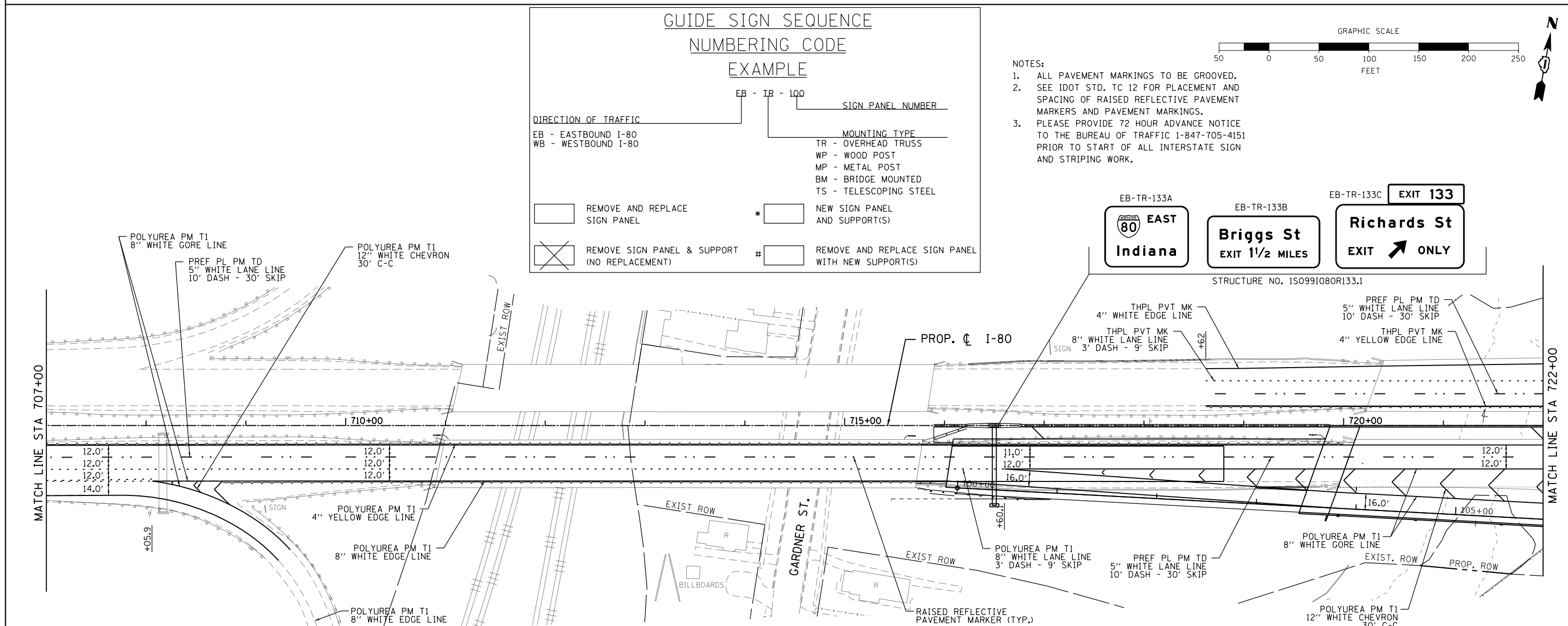
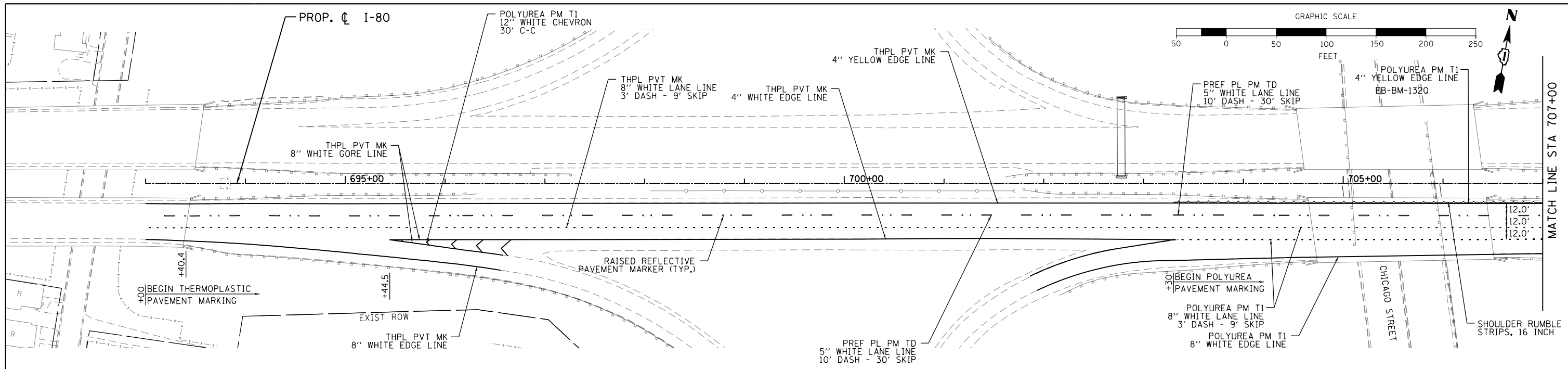


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

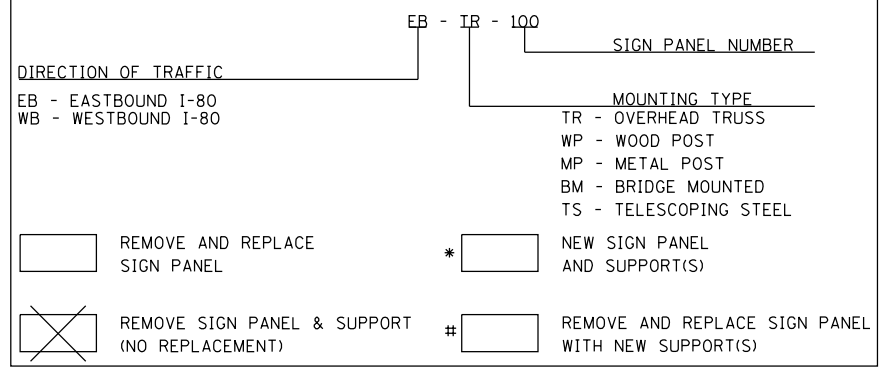
**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
JOINTING AND ELEVATION PLAN**

SCALE: 1" = 20' SHEET 12 OF 12 SHEETS STA. 781+00 TO STA. 785+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	165
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W34	



**GUIDE SIGN SEQUENCE
NUMBERING CODE
EXAMPLE**

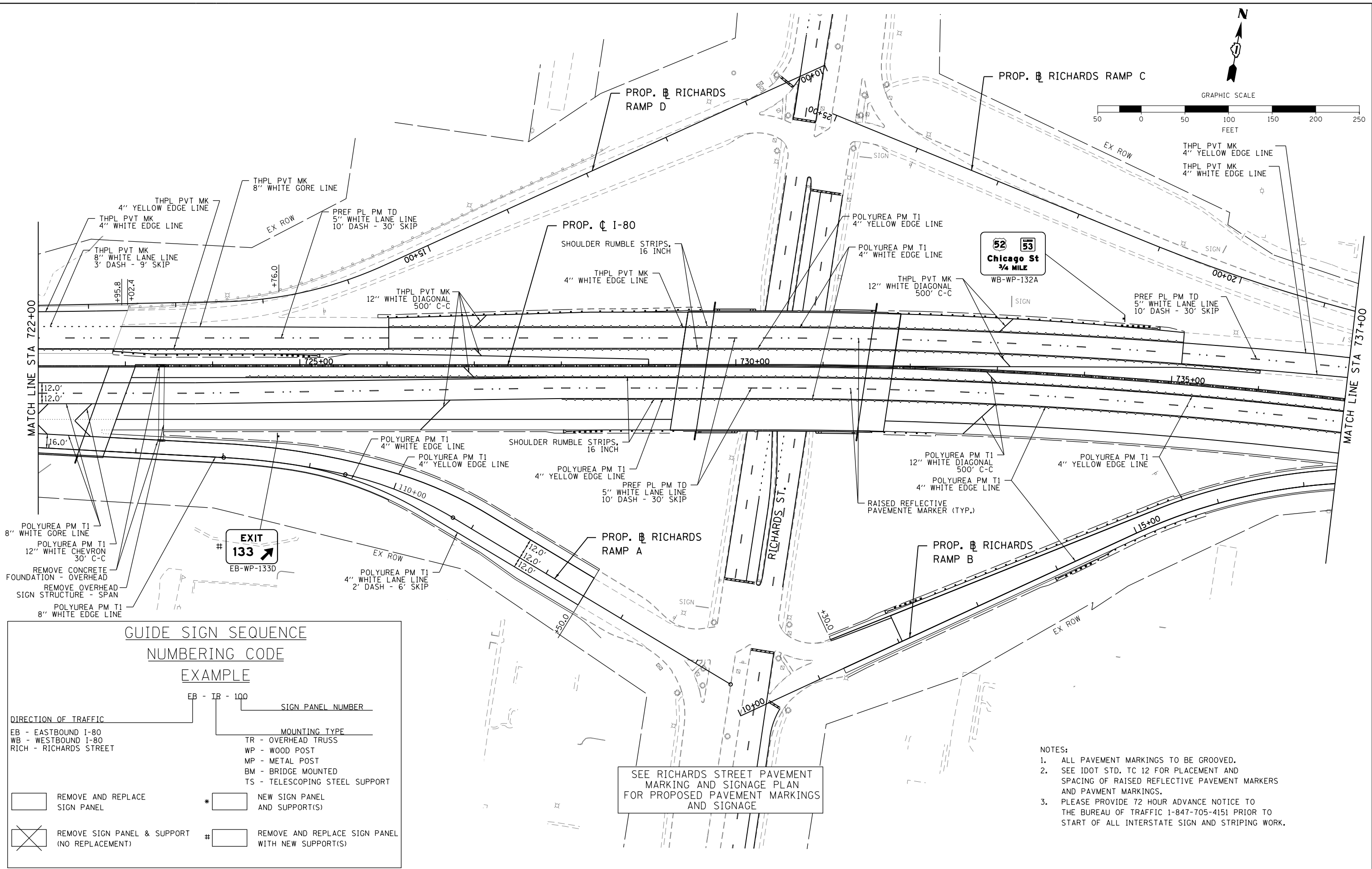
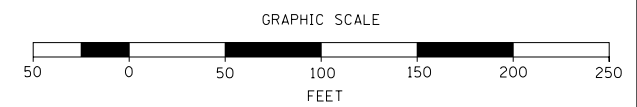


- NOTES:**
- ALL PAVEMENT MARKINGS TO BE GROOVED.
 - SEE IDOT STD. TC 12 FOR PLACEMENT AND SPACING OF RAISED REFLECTIVE PAVEMENT MARKERS AND PAVEMENT MARKINGS.
 - PLEASE PROVIDE 72 HOUR ADVANCE NOTICE TO THE BUREAU OF TRAFFIC 1-847-705-4151 PRIOR TO START OF ALL INTERSTATE SIGN AND STRIPING WORK.

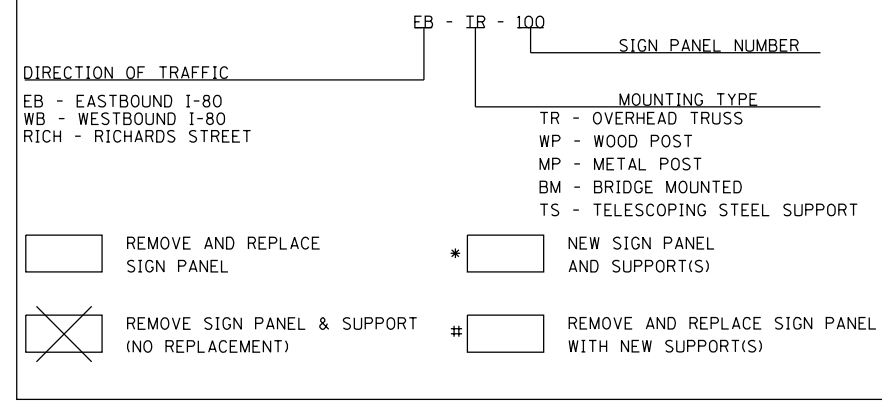


USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EB I-80 FROM GARDNER STREET TO ROWELL AVENUE PAVEMENT MARKING AND SIGNAGE PLAN	F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = #SCALE#	CHECKED - MJP	REVISED -				80	2013-008B	WILL	511	166
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -				CONTRACT NO. 60W34			ILLINOIS FED. AID PROJECT	

SCALE: 1"=50' SHEET 1 OF 7 SHEETS STA.693+00 TO STA.722+00



**GUIDE SIGN SEQUENCE
NUMBERING CODE
EXAMPLE**



SEE RICHARDS STREET PAVEMENT MARKING AND SIGNAGE PLAN FOR PROPOSED PAVEMENT MARKINGS AND SIGNAGE

- NOTES:**
1. ALL PAVEMENT MARKINGS TO BE GROOVED.
 2. SEE IDOT STD. TC 12 FOR PLACEMENT AND SPACING OF RAISED REFLECTIVE PAVEMENT MARKERS AND PAVMENT MARKINGS.
 3. PLEASE PROVIDE 72 HOUR ADVANCE NOTICE TO THE BUREAU OF TRAFFIC 1-847-705-4151 PRIOR TO START OF ALL INTERSTATE SIGN AND STRIPING WORK.

USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -
PLOT SCALE = #SCALE#	DRAWN - JAC	REVISED -
PLOT DATE = 6/25/2020	CHECKED - MJP	REVISED -
FILE NAME = D160W34-sht-pmk04.dgn	DATE - 6/25/2020	REVISED -

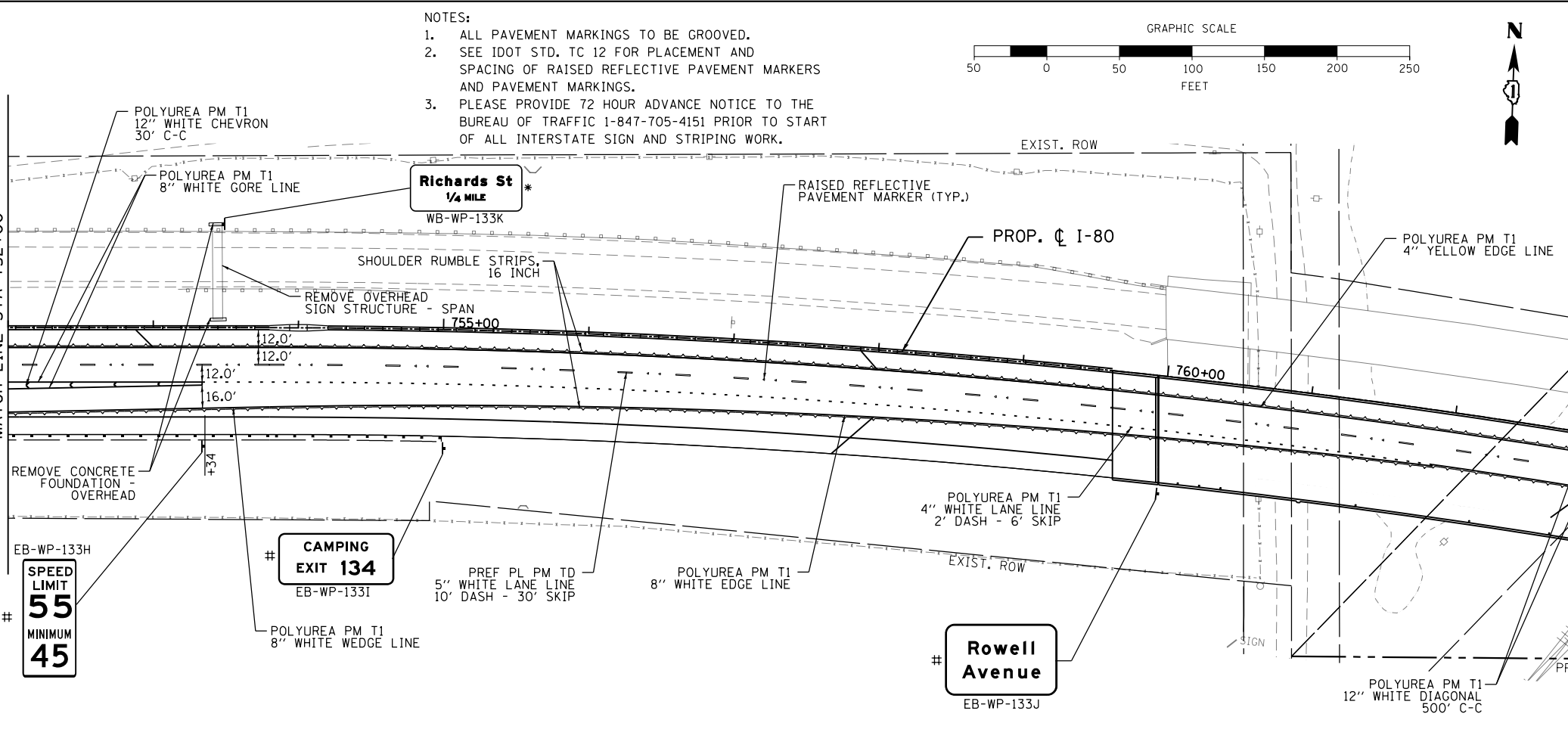
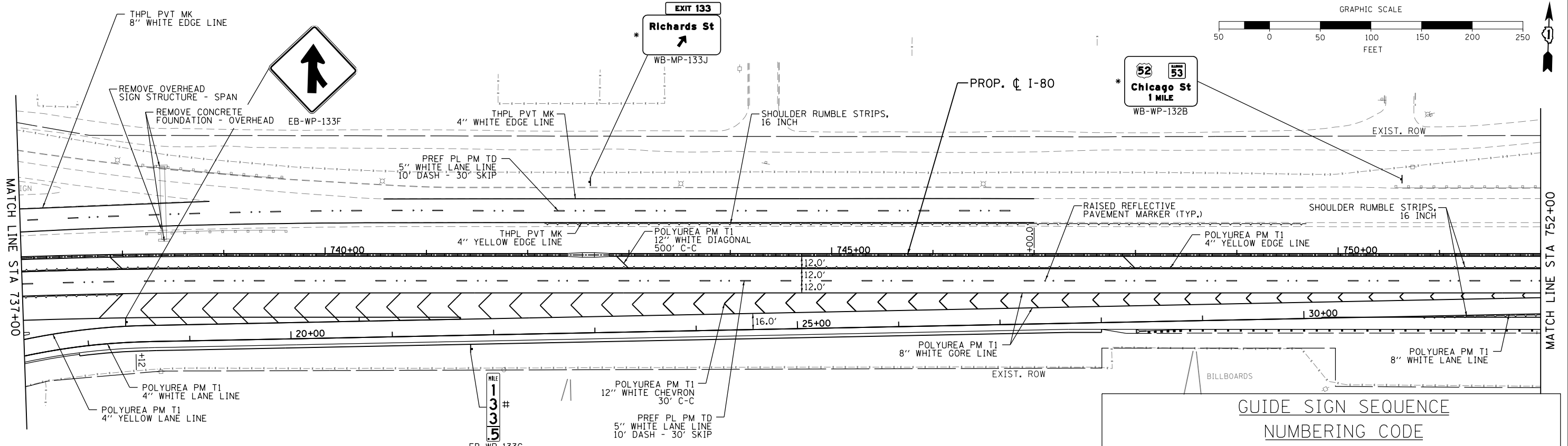


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
PAVEMENT MARKING AND SIGNAGE PLAN**

SCALE: 1"=50' SHEET 2 OF 7 SHEETS STA.722+00 TO STA.737+00

F.A.I. RTE. 80	SECTION 2013-008B	COUNTY WILL	TOTAL SHEETS 511	SHEET NO. 167
			CONTRACT NO. 60W34	
ILLINOIS FED. AID PROJECT				



- NOTES:
1. ALL PAVEMENT MARKINGS TO BE GROOVED.
 2. SEE IDOT STD. TC 12 FOR PLACEMENT AND SPACING OF RAISED REFLECTIVE PAVEMENT MARKERS AND PAVEMENT MARKINGS.
 3. PLEASE PROVIDE 72 HOUR ADVANCE NOTICE TO THE BUREAU OF TRAFFIC 1-847-705-4151 PRIOR TO START OF ALL INTERSTATE SIGN AND STRIPING WORK.

GUIDE SIGN SEQUENCE NUMBERING CODE EXAMPLE

DIRECTION OF TRAFFIC
 EB - EASTBOUND I-80
 WB - WESTBOUND I-80

SIGN PANEL NUMBER
 EB - WB - 100

MOUNTING TYPE
 TR - OVERHEAD TRUSS
 WP - WOOD POST
 MP - METAL POST
 BM - BRIDGE MOUNTED

REMOVE AND REPLACE SIGN PANEL

REMOVE SIGN PANEL & SUPPORT (NO REPLACEMENT)

NEW SIGN PANEL AND SUPPORT(S)

REMOVE AND REPLACE SIGN PANEL WITH NEW SUPPORT(S)

USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EB I-80 FROM GARDNER STREET TO ROWELL AVENUE PAVEMENT MARKING AND SIGNAGE PLAN	F.A.I. RTE. = 80	SECTION = 2013-008B	COUNTY = WILL	TOTAL SHEETS = 511	SHEET NO. = 168		
PLOT SCALE = #SCALE#	CHECKED - MJP	REVISED -				SCALE: 1" = 50'	SHEET 3 OF 7 SHEETS	STA. 737+00 TO STA. 767+00	CONTRACT NO. 60W34		ILLINOIS FED. AID PROJECT	
PLOT DATE = 6/25/2020	DATE = 6/25/2020	REVISED -										

GUIDE SIGN SEQUENCE
NUMBERING CODE
EXAMPLE

DIRECTION OF TRAFFIC
EB - EASTBOUND I-80
WB - WESTBOUND I-80

EB - TR - 100
SIGN PANEL NUMBER
MOUNTING TYPE
TR - OVERHEAD TRUSS
WP - WOOD POST
MP - METAL POST
BM - BRIDGE MOUNTED

REMOVE AND REPLACE
SIGN PANEL

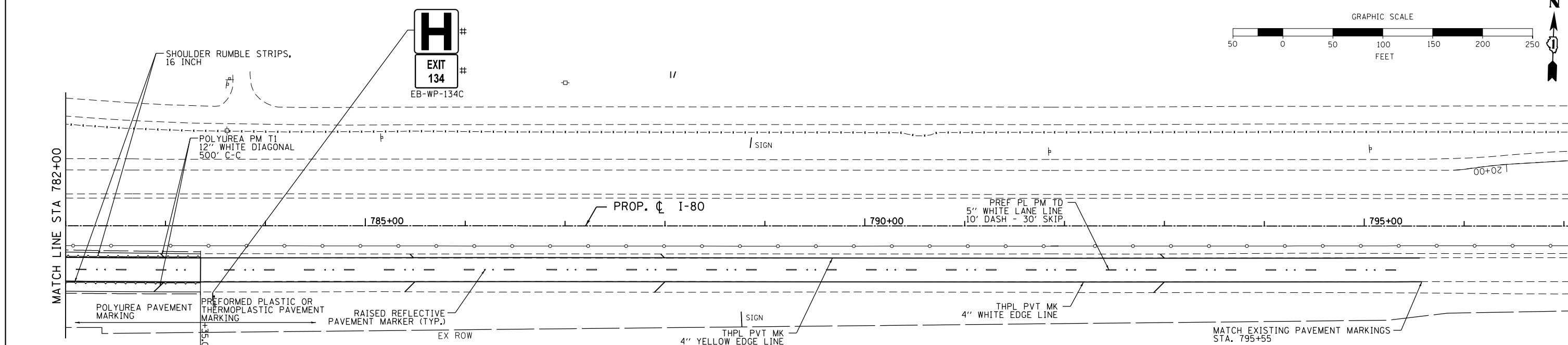
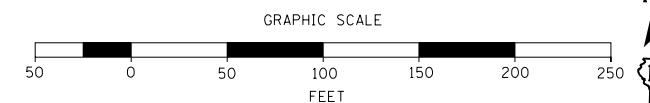
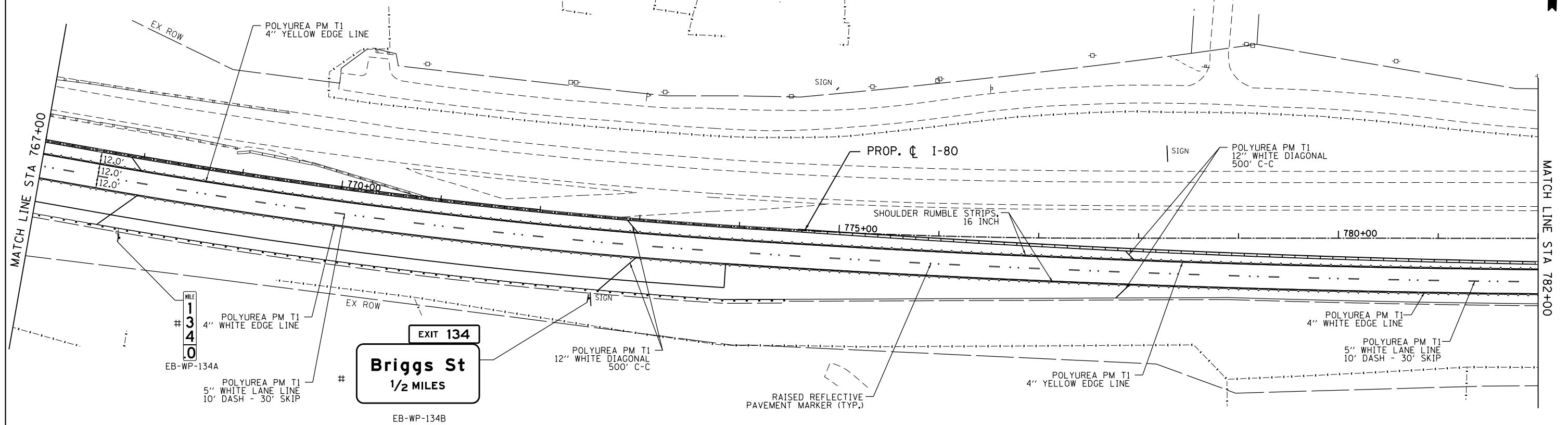
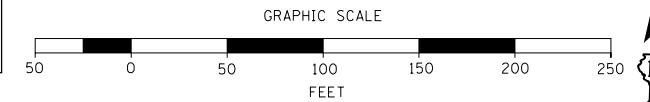
REMOVE SIGN PANEL & SUPPORT
(NO REPLACEMENT)

NEW SIGN PANEL
AND SUPPORT(S)

REMOVE AND REPLACE SIGN PANEL
WITH NEW SUPPORT(S)

NOTES:

- ALL PAVEMENT MARKINGS TO BE GROOVED
- SEE IDOT STD. TC 12 FOR PLACEMENT AND SPACING OF RAISED REFLECTIVE PAVEMENT MARKERS AND PAVEMENT MARKINGS.



USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -
PLOT SCALE = #SCALE#	DRAWN - JAC	REVISED -
PLOT DATE = 6/25/2020	CHECKED - MJP	REVISED -
FILE NAME = D160W34-sht-pmk06.dgn	DATE - 6/25/2020	REVISED -

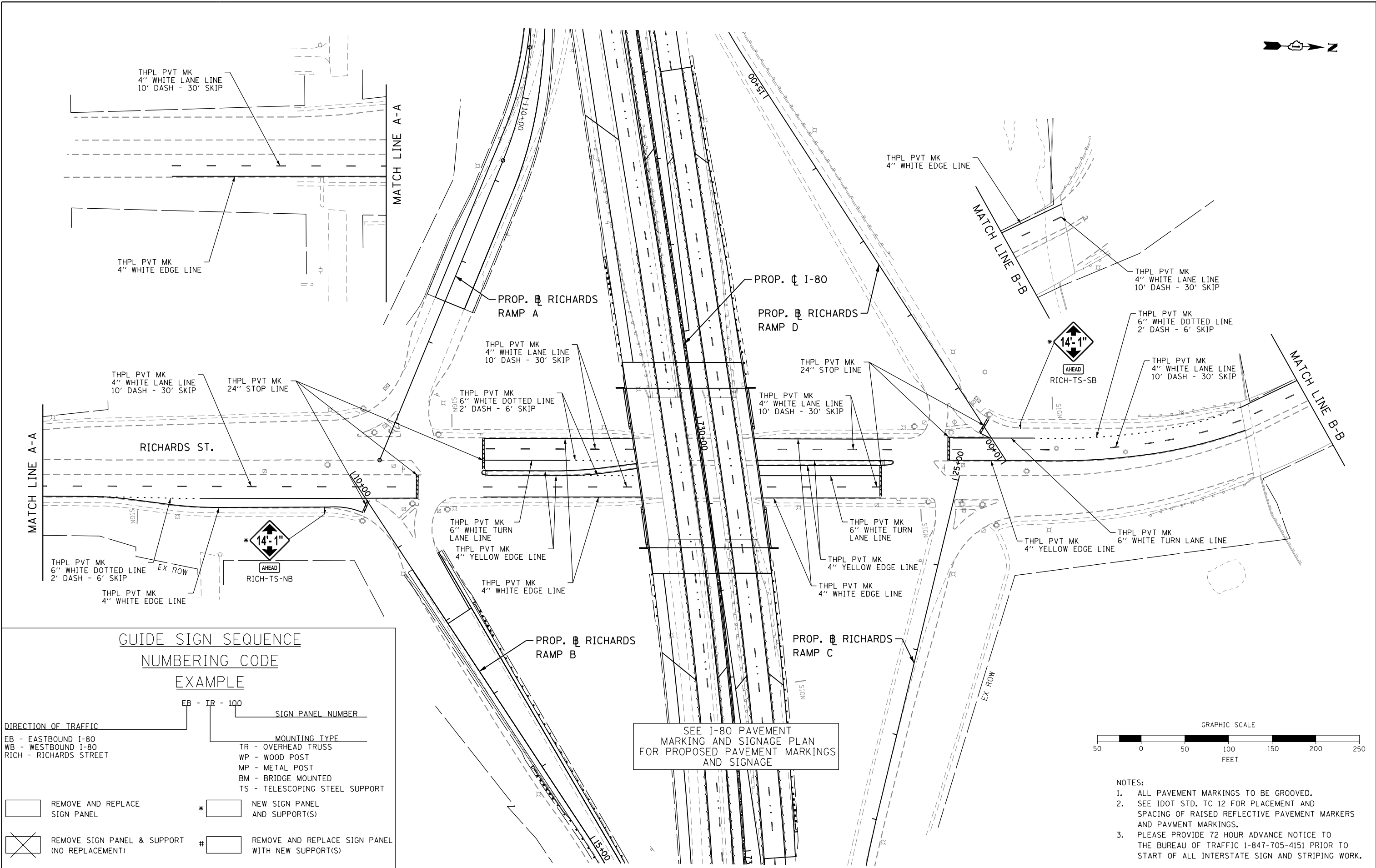
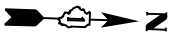


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
PAVEMENT MARKING AND SIGNAGE PLAN

SCALE: 1"=50' SHEET 4 OF 7 SHEETS STA. 767+00 TO STA. 797+00

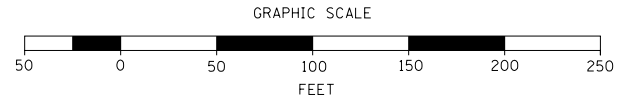
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	169
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				



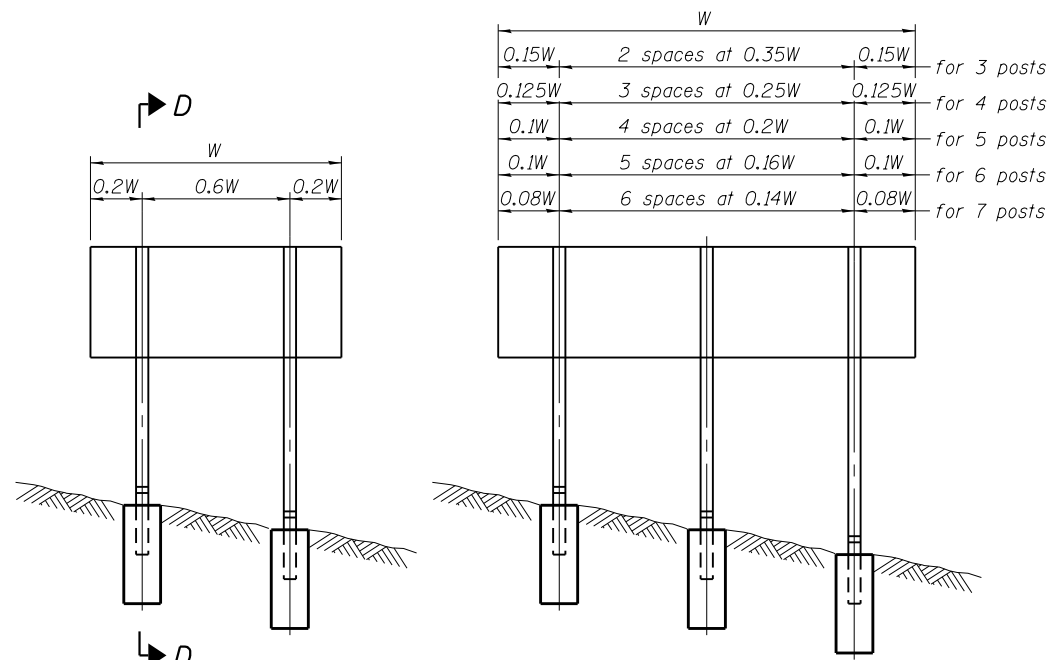
**GUIDE SIGN SEQUENCE
NUMBERING CODE
EXAMPLE**

DIRECTION OF TRAFFIC		SIGN PANEL NUMBER	
EB - EASTBOUND I-80	WB - WESTBOUND I-80	RICH - RICHARDS STREET	
MOUNTING TYPE			
TR - OVERHEAD TRUSS	WP - WOOD POST	MP - METAL POST	BM - BRIDGE MOUNTED
TS - TELESCOPING STEEL SUPPORT			
	REMOVE AND REPLACE SIGN PANEL	*	NEW SIGN PANEL AND SUPPORT(S)
	REMOVE SIGN PANEL & SUPPORT (NO REPLACEMENT)	#	REMOVE AND REPLACE SIGN PANEL WITH NEW SUPPORT(S)

SEE I-80 PAVEMENT MARKING AND SIGNAGE PLAN FOR PROPOSED PAVEMENT MARKINGS AND SIGNAGE

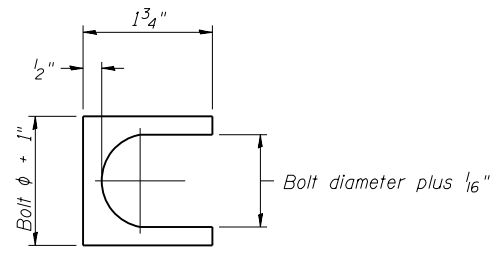


- NOTES:**
- ALL PAVEMENT MARKINGS TO BE GROOVED.
 - SEE IDOT STD. TC 12 FOR PLACEMENT AND SPACING OF RAISED REFLECTIVE PAVEMENT MARKERS AND PAVMENT MARKINGS.
 - PLEASE PROVIDE 72 HOUR ADVANCE NOTICE TO THE BUREAU OF TRAFFIC 1-847-705-4151 PRIOR TO START OF ALL INTERSTATE SIGN AND STRIPING WORK.



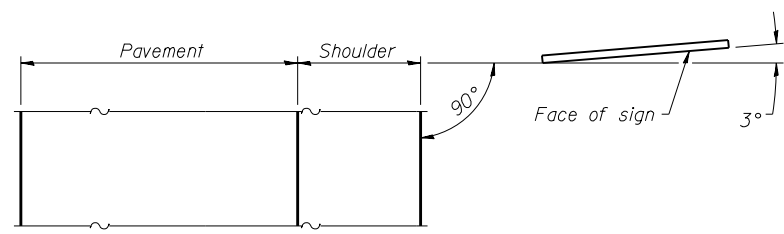
ELEVATION

0.15W	2 spaces at 0.35W	0.15W	for 3 posts
0.125W	3 spaces at 0.25W	0.125W	for 4 posts
0.1W	4 spaces at 0.2W	0.1W	for 5 posts
0.1W	5 spaces at 0.16W	0.1W	for 6 posts
0.08W	6 spaces at 0.14W	0.08W	for 7 posts

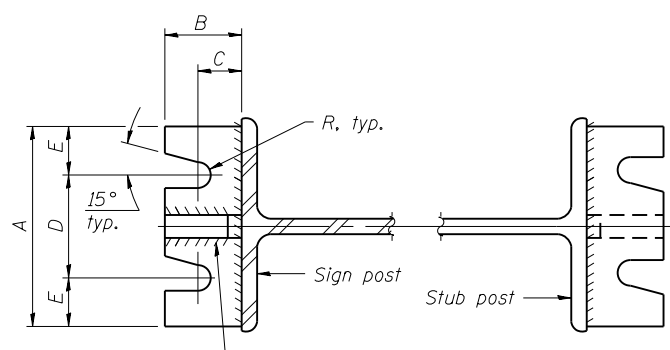


SHIM DETAIL

Furnish two 0.01" thick and two 0.03" thick stainless steel or brass (ASTM B36) shims per post.

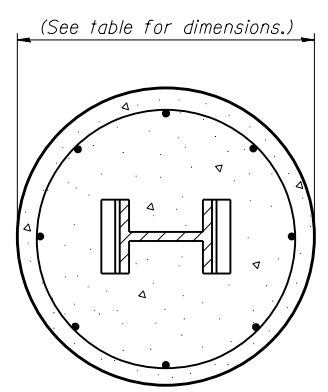


LOCATION SKETCH

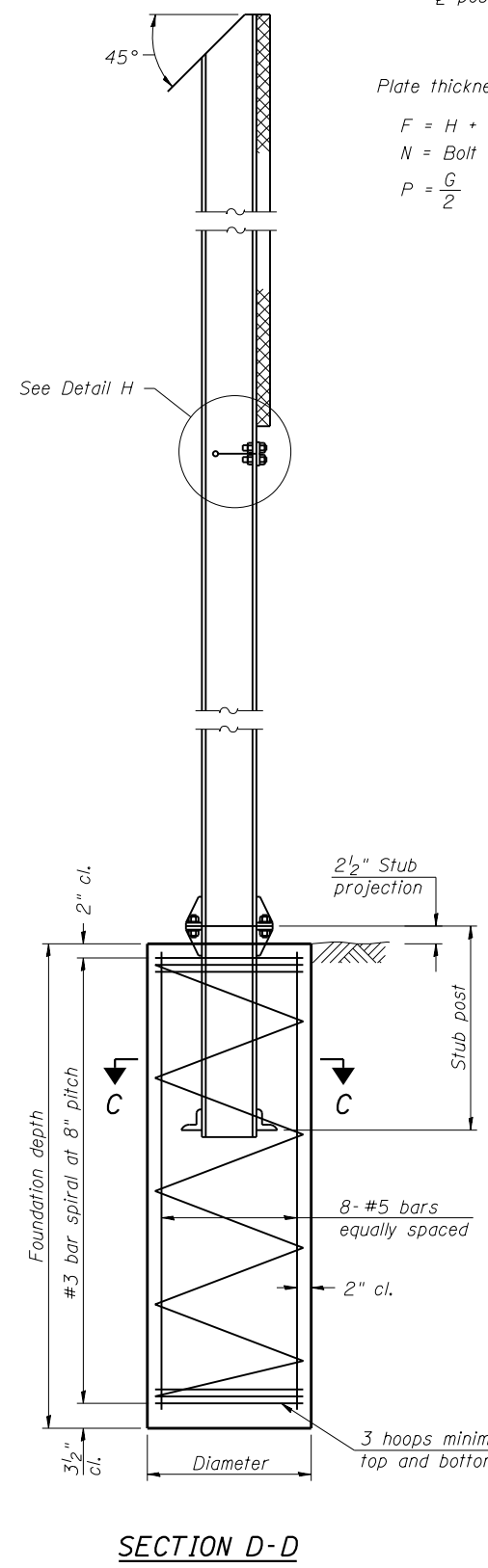


SECTION A-A

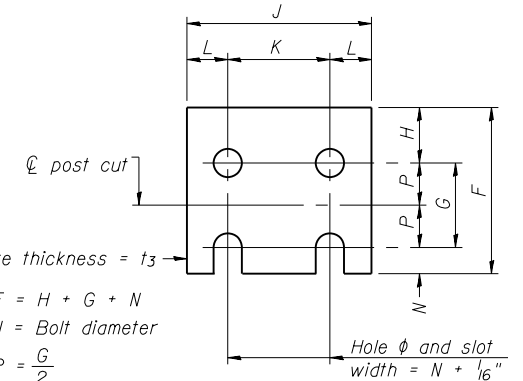
SECTION B-B



SECTION C-C



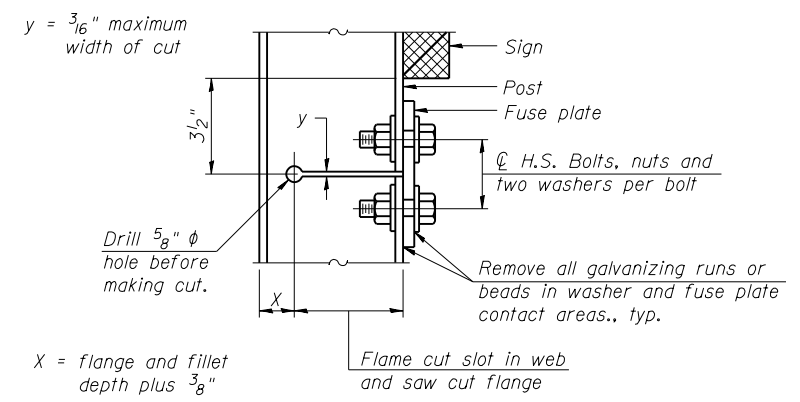
SECTION D-D



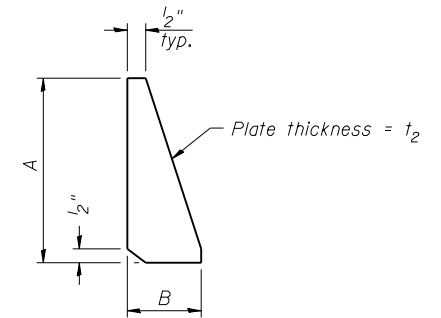
FUSE PLATE DETAIL

(Install with notches down.)

N = Bolt Diameter	G	H
1/2"	2"	1 1/8"
5/8"	2 1/4"	1 1/4"
3/4"	2 1/2"	1 3/8"
7/8"	2 3/4"	1 1/2"
1"	3"	1 5/8"
1 1/8"	3 1/4"	1 3/4"
1 1/4"	3 1/2"	1 7/8"



DETAIL H



STIFFENER PLATE DETAIL

GENERAL NOTES

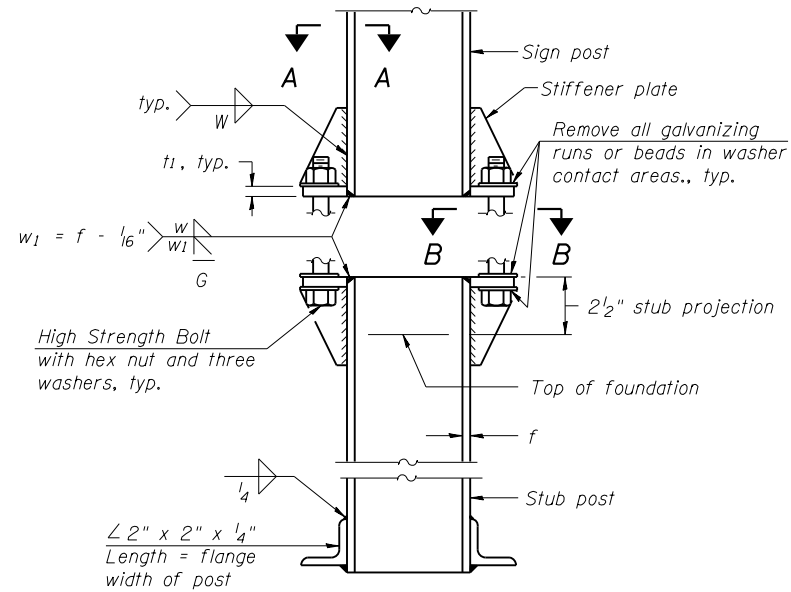
Posts shall be plumbed by using shims with post-to-stub post connection bolts snug tight only. Final tightening of all High Strength Bolts shall be in accordance with Article 727.05 and threads at the junction of the bolt and nut shall be burred or center punched to prevent the nut from loosening.

LOADING: 80 m.p.h. wind with 30% gust factor, normal to sign.

DESIGN STRESSES:
Structural steel - 20,000 p.s.i.
Reinforcing steel - 20,000 p.s.i.
Concrete - 1,400 p.s.i.
Footing soil pressure - 2,000 p.s.f.

After fabrication, the post, fuse plate and upper 6", min. of the stub post shall be hot-dip galvanized in accordance with AASHTO M111. All bolts, nuts and washers shall be hot-dip galvanized in accordance with AASHTO M232.

Work this sheet with Base Sheet BAW-A-2.



ELEVATION SIGN POST & STUB POST

BAW-A-1

6-1-12

USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -
	DRAWN - JAC	REVISED -
PLOT SCALE = #SCALE#	CHECKED - MJP	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
BREAK-AWAY WIDE FLANGE STEEL SIGN POST DETAILS

SCALE: SHEET 6 OF 7 SHEETS STA. TO STA.

F.A.I. RTE. 80	SECTION 2013-008B	COUNTY WILL	TOTAL SHEETS 511	SHEET NO. 171
CONTRACT NO. 60W34			ILLINOIS FED. AID PROJECT	

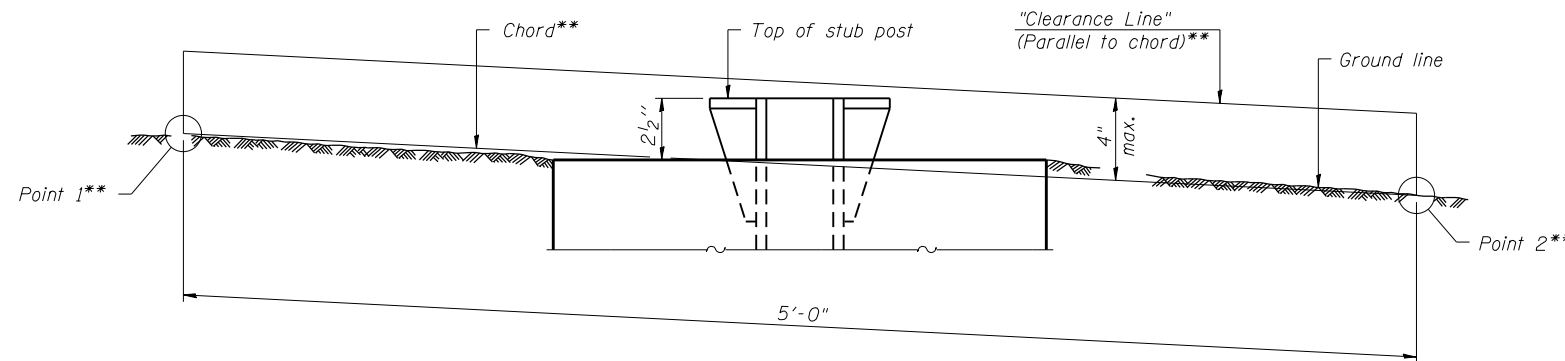
FILE NAME = D160W34-sht-pmk07.dgn

(Sheet 1 of 2)

POST	CONCRETE FOUNDATION TABLE							POST TO STUB POST CONNECTION DATA										FUSE PLATE DATA				
	Foundation			Reinforcement			Stub Post Length	Bolt Size	A	B	C	D	E	t ₁	t ₂	R	W	J	K	L	t ₃	
	Diameter	* Minimum Depth	Concrete (1) cu. yds.)	Vertical Bars Length	Bar Spirals Diameter	Bar Spirals Length																lbs. (2)
W6x9	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-3"	5/8" x 3/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	11/32"	1/4"	4"	2 1/4"	7/8"	1/4"
W6x15	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	5/8" x 3/4"	6"	2 1/4"	1 1/4"	3 1/2"	1 1/4"	3/4"	1/2"	11/32"	1/4"	6"	3 1/2"	1 1/4"	3/8"
W8x18	2'-0"	6'-0"	0.70	5'-9"	1'-8 1/2"	79'-0"	78	2'-6"	3/4" x 3 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	13/32"	5/16"	5 1/4"	2 3/4"	1 1/4"	3/8"
W10x22	2'-6"	6'-6"	1.18	6'-3"	2'-2 1/2"	105'-0"	92	3'-0"	3/4" x 3 3/4"	6"	2 1/2"	1 3/8"	3 1/4"	1 3/8"	1"	1/2"	13/32"	5/16"	5 3/4"	2 3/4"	1 1/2"	1/2"
W10x26	2'-6"	7'-0"	1.27	6'-9"	2'-2 1/2"	112'-0"	98	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	15/32"	3/8"	5 3/4"	2 3/4"	1 1/2"	5/8"
W12x26	2'-6"	7'-9"	1.41	7'-6"	2'-2 1/2"	119'-0"	107	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	15/32"	3/8"	6 1/2"	3 1/2"	1 1/2"	5/8"
W14x30	3'-0"	7'-3"	1.90	7'-0"	2'-8 1/2"	145'-0"	113	3'-0"	7/8" x 4"	7"	2 3/4"	1 1/2"	4"	1 1/2"	1"	3/4"	15/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W14x38	3'-0"	8'-0"	2.09	7'-9"	2'-8 1/2"	153'-0"	122	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	17/32"	3/8"	6 3/4"	3 1/2"	1 5/8"	1/2"
W16x45	3'-0"	8'-6"	2.23	8'-3"	2'-8 1/2"	162'-0"	130	3'-6"	1" x 4 1/2"	7 1/2"	3"	1 3/4"	4"	1 3/4"	1 1/4"	3/4"	17/32"	3/8"	7"	3 1/2"	1 3/4"	1/2"

*Dimensional changes required for varying site conditions shall be approved by the Engineer.

POST	FUSE PLATE BOLT SIZE																					
	Sign Height																					
	4'-0"	5'-0"	6'-0"	7'-0"	8'-0"	9'-0"	10'-0"	11'-0"	12'-0"	13'-0"	14'-0"	15'-0"	16'-0"	17'-0"	18'-0"	19'-0"	20'-0"	21'-0"	22'-0"	23'-0"	24'-0"	
W6x9	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	1/2" x 1 1/2"	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	---	
W6x15	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	---	---	---	---	---	---	---	---	---	---	---	
W8x18	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	1/2" x 1 3/4"	5/8" x 2"	5/8" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	3/4" x 2"	---	---	---	---	---	---	---	---	---	---	---	
W10x22	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	---	---	---	---	---	---	---	
W10x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	---	---	---	---	---	---	---	
W12x26	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	---	---	---	---	---	---	
W14x30	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2"	5/8" x 2"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	3/4" x 2 1/4"	---	---	---	---	
W14x38	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	3/4" x 2 1/2"	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"
W16x45	---	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	1/2" x 2"	5/8" x 2 1/4"	5/8" x 2 1/4"	5/8" x 2 1/4"	3/4" x 2 1/2"	3/4" x 2 1/2"	7/8" x 2 1/2"	7/8" x 2 1/2"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"	1" x 2 3/4"



ELEVATION
GROUND LINE & STUB POST

** For all "Point 1" and "Point 2" locations, "Clearance Line" must be at or above top of stub post.

- (1) Quantity includes all concrete necessary for one foundation.
- (2) Includes reinforcement bars and spiral hooping for one foundation.

BAW-A-2

6-1-12

(Sheet 2 of 2)

USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -
	DRAWN - JAC	REVISED -
PLOT SCALE = #SCALE#	CHECKED - MJP	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
BREAK-AWAY WIDE FLANGE STEEL SIGN POST TABLES

SCALE: SHEET 7 OF 7 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	172
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

FILE NAME = D160W34-sht-pmk08.dgn

GENERAL NOTES

DESIGN: AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. ("AASHTO Specifications")

CONSTRUCTION: Current (at time of letting) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Special Provisions. ("Standard Specifications")

LOADING: 90 M.P.H. WIND VELOCITY

WALKWAY LOADING: Dead load plus 500 lbs. concentrated live load.

DESIGN STRESSES:
Field Units
 $F_c = 3,500$ p.s.i.
 $f_y = 60,000$ p.s.i. (reinforcement)

WELDING: All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 and D1.2 Structural Welding Codes (Steel and Aluminum) and the Standard Specifications.

MATERIALS: Aluminum Alloys as shown throughout plans. All Structural Steel Pipe shall be ASTM A53 Grade B or A500 Grade B or C. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53. All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 or Gr. 50W*. Stainless steel for shims, sleeves and handhole covers shall be ASTM A240, Type 302 or 304, or another alloy suitable for exterior exposure and acceptable to the Engineer.
The steel pipe and stiffening ribs at the base plate for the column shall have a minimum longitudinal Charpy V-Notch (CVN) energy of 15 lb.-ft. at 40° F. (Zone 2) before galvanizing.

FASTENERS FOR ALUMINUM TRUSSES: All bolts noted as "high strength" must satisfy the requirements of AASHTO M164 (ASTM A325), or approved alternate, and must have matching lock nuts. Threaded studs for splices (if Members interfere) must satisfy the requirements of ASTM A449, ASTM A193, Grade B7, or approved alternate, and must have matching lock nuts. Bolts and lock nuts not required to be high strength must satisfy the requirements of ASTM A307. All bolts and lock nuts must be hot dip galvanized per AASHTO M232. The lock nuts must have nylon or steel inserts. A stainless steel flat washer conforming to ASTM A240 Type 302 or 304, is required under both head and nut or under both nuts where threaded studs are used. High strength bolt installation shall conform to Article 505.04 (f) (2)d of the IDOT Standard Specifications for Road and Bridge Construction. Rotational capacity ("ROCAP") testing of bolts will not be required.

U-BOLTS AND EYEBOLTS: U-Bolts and Eyebolts must be produced from ASTM A276 Type 304, 304L, 316 or 316L, Condition A, cold finished stainless steel, or an equivalent material acceptable to the Engineer. All nuts for U-Bolts and Eyebolts must be lock nuts equivalent to ASTM A307 with nylon or steel inserts and hot dip galvanized per AASHTO M232. A stainless steel flat washer conforming to ASTM A240, Type 302 or 304, is required under each U-Bolt and Eyebolt lock nut.

GALVANIZING: All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.

ANCHOR RODS: Shall conform to ASTM F1554 Gr. 105.

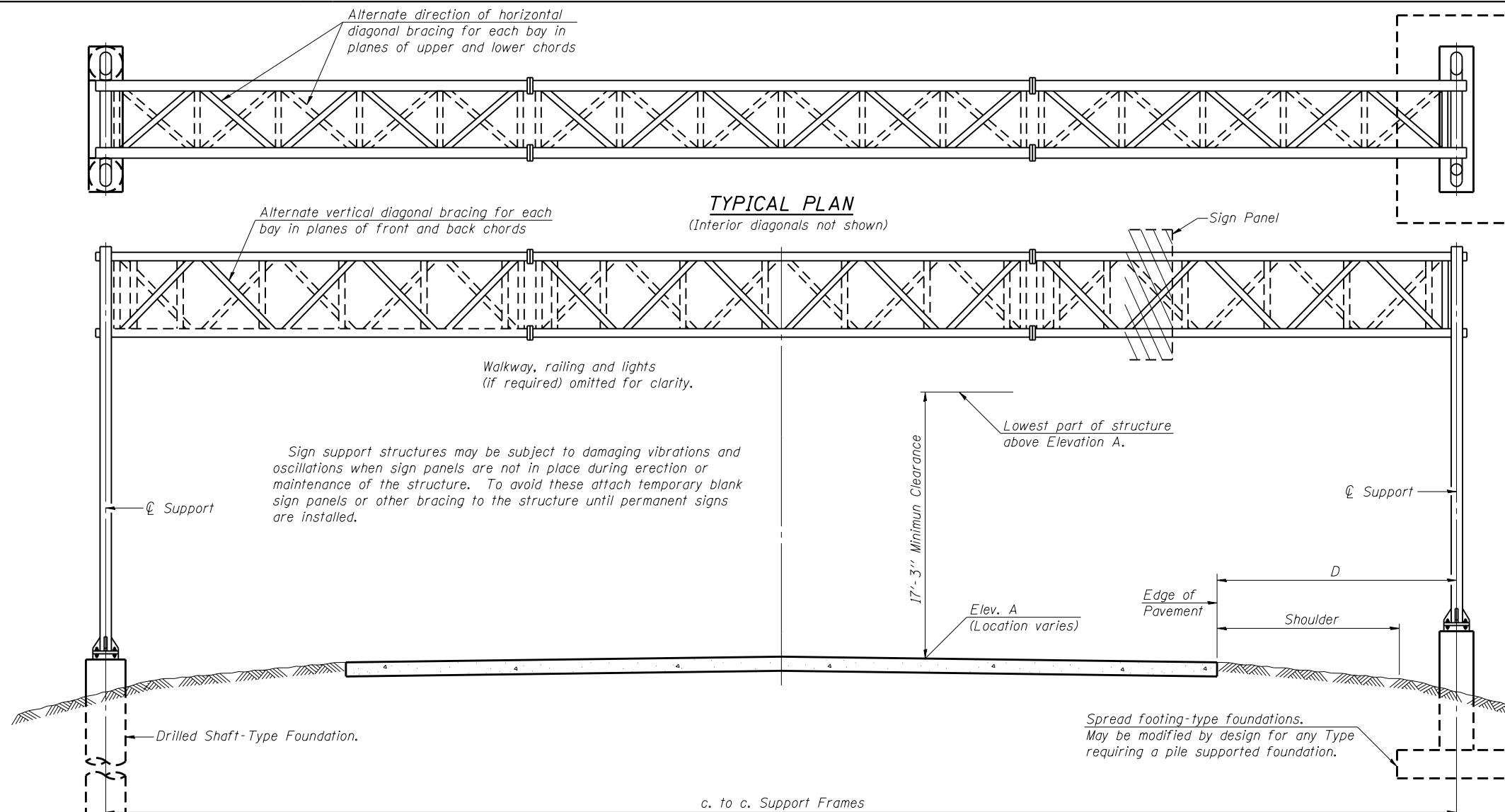
CONCRETE SURFACES: All concrete surfaces above an elevation 6" below the lowest final ground line at each foundation shall be cleaned and coated with Concrete Sealer in accordance with the Standard Specifications.

REINFORCEMENT BARS: Reinforcement Bars designated (E) shall be epoxy coated in accordance with the Standard Specifications.

FOUNDATIONS: The contract unit price for Concrete Foundations and Drilled Shaft Concrete Foundations shall include reinforcement bars complete in place.

TOTAL BILL OF MATERIAL

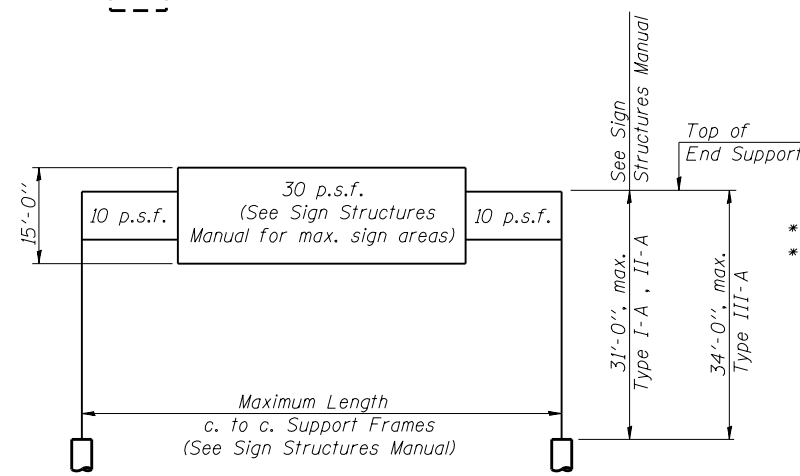
ITEM	UNIT	TOTAL
Overhead Sign Structure-Span, Type I-A (4'-0" x 4'-6")	Foot	80
Concrete Foundation	Cu. Yd.	24
Drilled Shaft Concrete Foundations	Cu. Yd.	56



TYPICAL ELEVATION
(Looking at Face of Signs)**)

Elev. A = Elevation at point of minimum clearance to sign, walkway support or truss.

Structure Number	Station	Design Truss Type	c. to c. Supports	Elev. A	Dim. D	Height of Tallest Sign	Total Sign Area
IS0991080R133.1	716+50	I-A	80'-0"	574.38	15'-6"	10'-0"	326.75 SF
IS0991080L133.5	742+60	I-A	80'-0"	562.65	24'-5 ⁵ / ₈ "	14'-6"	336.75 SF
IS0991080L133.7	754+00	I-A	75'-0"	586.67	19'-11 ¹ / ₂ "	15'-0"	338.5 SF



DESIGN WIND LOADING DIAGRAM

Parameters shown are basis for I.D.O.T. Standards and Sign Manual Tables. Installations not within dimensional limits shown require special analysis for all components.

* If M270 Gr. 50W (M222) steel is proposed, chemistry for plate to be used shall first be approved by the Engineer as suitable for galvanizing and welding.
** Looking upstation for structures with signs both sides.
*** Not in Contract. For information only.

OS-A-1 8-21-13

USER NAME = default	DESIGNED - YC	REVISED -
	DRAWN - RMH	REVISED -
PLOT SCALE = *SCALE*	CHECKED - AK	REVISED -
PLOT DATE = 6/24/2020	DATE - 6/25/2020	REVISED -



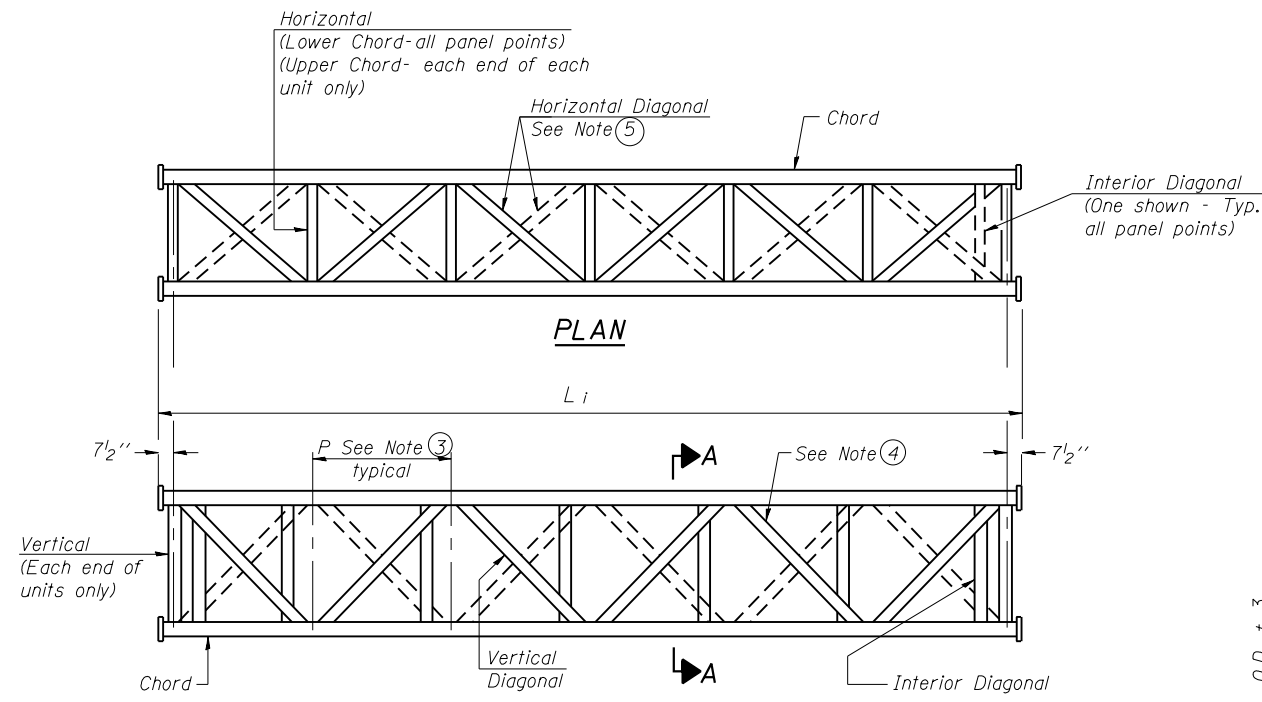
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
OVERHEAD SIGN STRUCTURES - GENERAL PLAN &
ELEVATION - ALUMINUM TRUSS & STEEL SUPPORTS

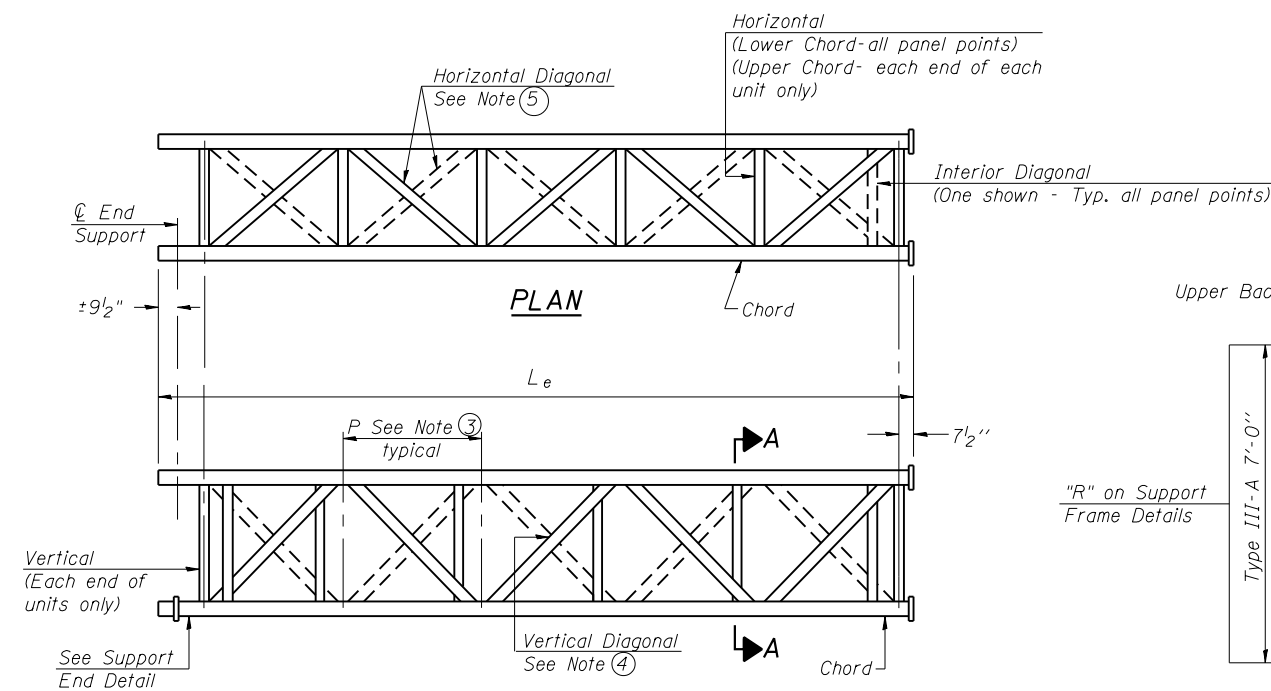
F.A.I. RT.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	173
CONTRACT NO. 60W34			ILLINOIS FED. AID PROJECT	

SCALE: SHEET 1 OF 11 SHEETS STA. TO STA.

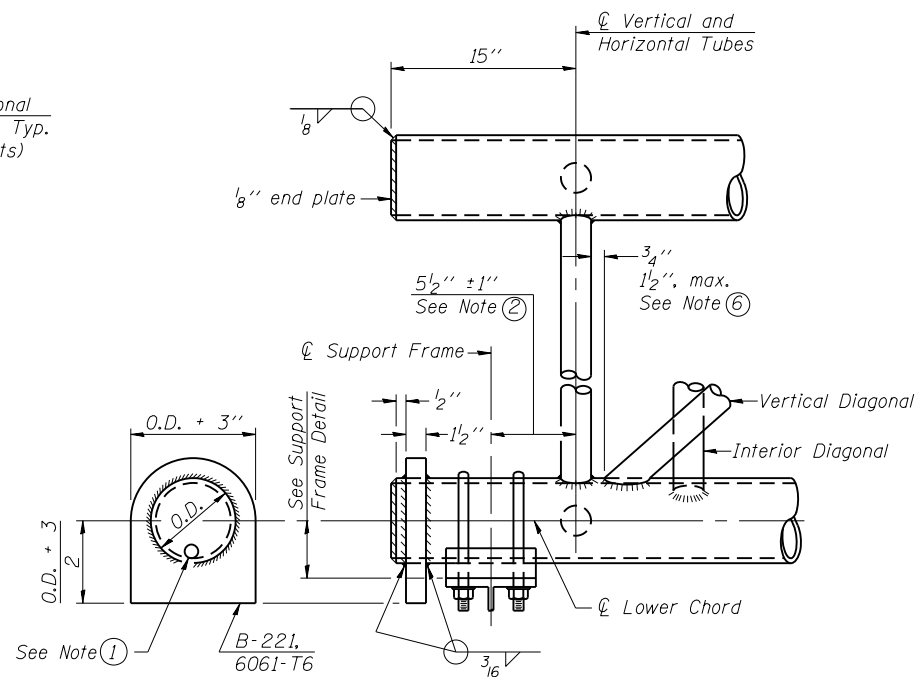
FILE NAME = D180W34-sht-sign05-01.dgn



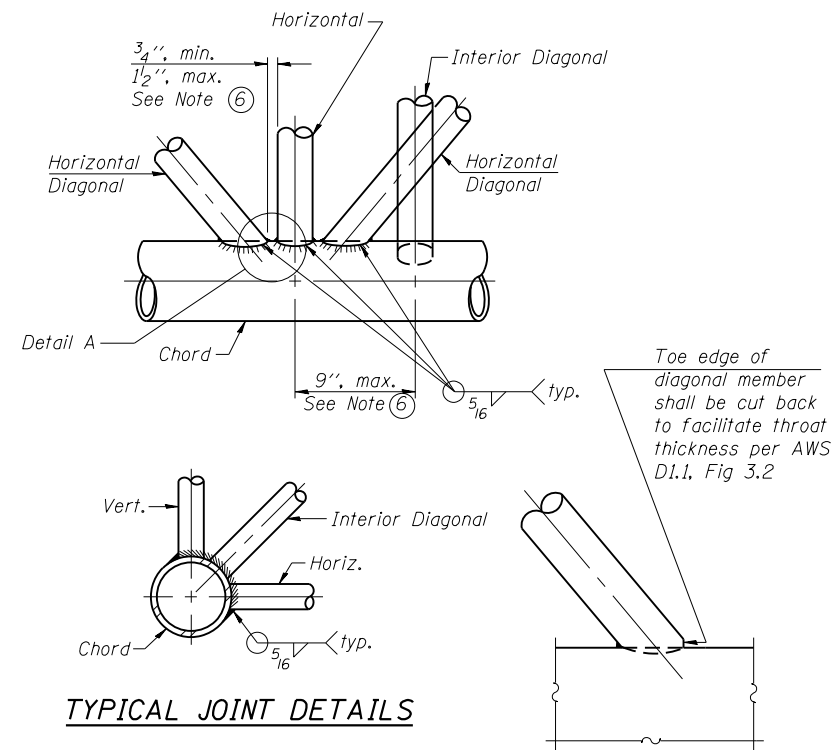
**ELEVATION
TYPICAL INTERIOR UNIT**
Even number of panels/interior unit required.



**ELEVATION
TYPICAL EXTERIOR UNIT**
Even or odd number of panels/exterior units allowed.

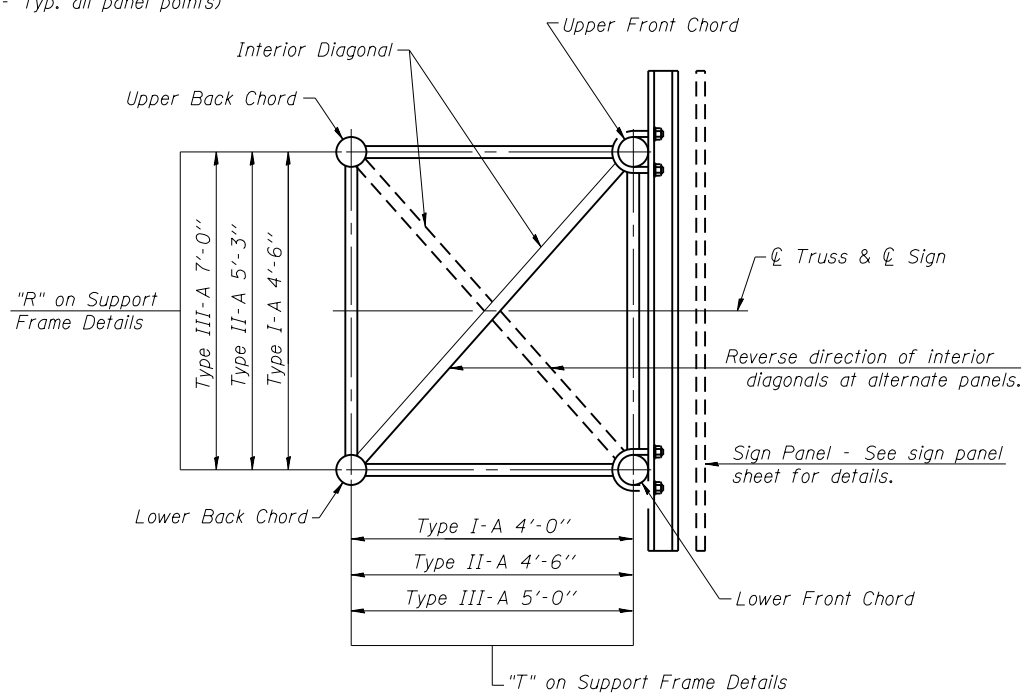


SUPPORT END DETAIL FOR EXTERIOR UNIT



TYPICAL JOINT DETAILS

DETAIL A



SECTION A-A

- ① Contractor may alternatively use standard aluminum drive-fit cap to close end. 1/2" φ drain hole in end plate/drive-fit cap. (Typ. at ends of all chords)
- ② 5 1/2" end dimension may vary by ±1" to provide uniform panel spacing (P).
- ③ Panel spacing (P) shall be uniform for entire truss and between 4'-0" and 5'-0" for Type I-A or 4'-0" and 5'-6" for Types II-A and III-A.
- ④ Vertical Diagonals in front and back face shall alternate.
- ⑤ Hidden lines show wind bracing alternates direction between planes of top and bottom chords.
- ⑥ All diagonals shall be detailed for minimum offset from the panel point based on the following: Offset shall be such as to provide a 3/4" minimum to 1 1/2" maximum clearance between any diagonal and any horizontal or vertical member, and to provide clearance for U-bolt connections of signs or walkway brackets.

OS-A-2

6-1-12

USER NAME = default	DESIGNED - YC	REVISED -
	DRAWN - RMH	REVISED -
PLOT SCALE = *SCALE*	CHECKED - AK	REVISED -
PLOT DATE = 6/24/2020	DATE - 6/25/2020	REVISED -
FILE NAME = D160W34-sht-sign05-02.dgn		



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
OVERHEAD SIGN STRUCTURES - ALUMINUM TRUSS
DETAILS FOR TRUSS TYPES I-A, II-A AND III-A**

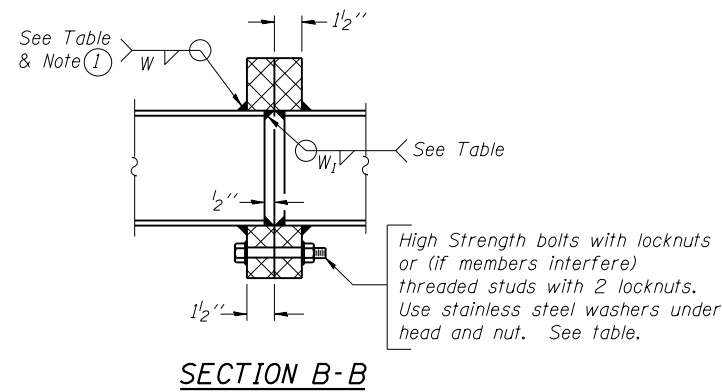
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	174
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET 2 OF 11 SHEETS STA. TO STA.

TRUSS UNIT TABLE

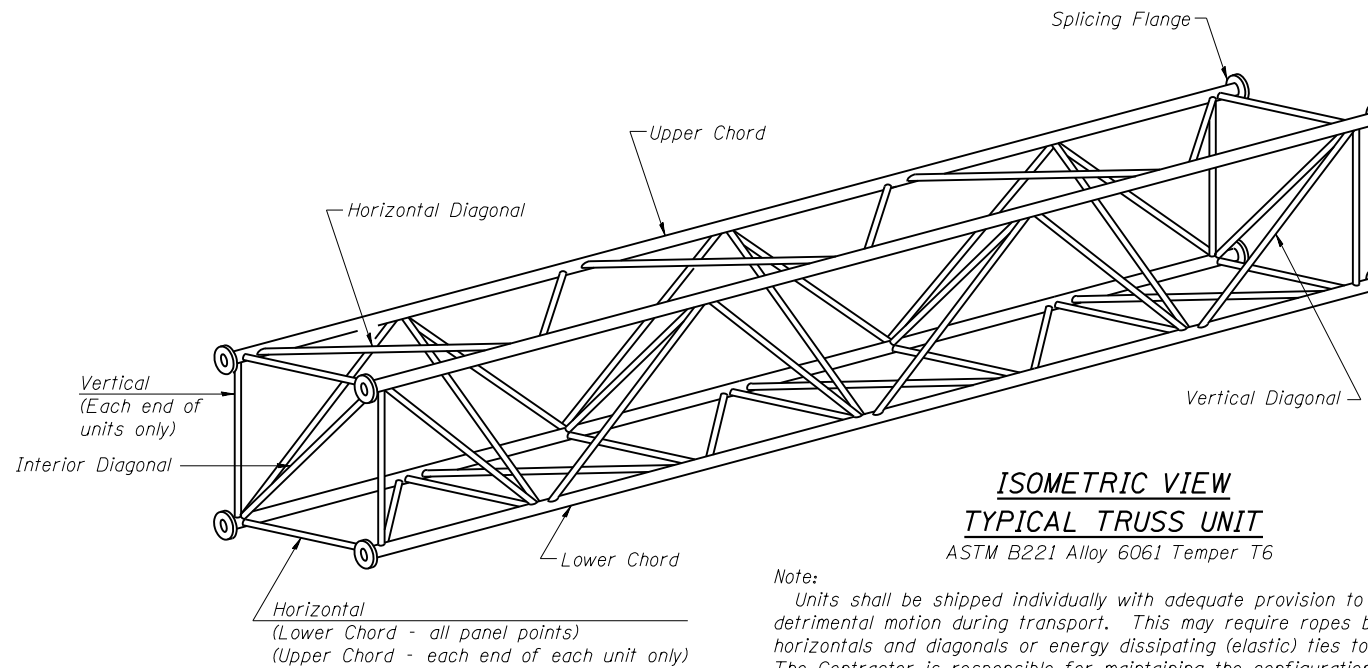
Structure Number	Station	Design Truss Type	Exterior Units (2)			Interior Unit				Upper & Lower Chord		Verticals; Horizontals; Vertical, Horizontal, and Interior Diagonals		Camber at Midspan	Splicing Flange					
			No. Panels per Unit	Unit Lgth.(L _e)	Panel Lgth.(P)	No. Req'd.	No. Panels per Unit	Unit Lgth.(L _i)	Panel Lgth.(P)	O.D.	Wall	O.D.	Wall		Bolts		Weld Sizes		A	B
															No./Splice	Dia.	W	W ₁		
IS099I080R133.1	716+50	I-A	5	25'-10"	4'-9 1/2"	1	6	30'-0"	4'-9 1/2"	5"	5/16"	2 1/2"	5/16"	2 1/4"	6	7/8"	5/16"	1/4"	8 3/4"	11 3/4"
* IS099I080L133.5	742+60	I-A	5	25'-10"	4'-9 1/2"	1	6	30'-0"	4'-9 1/2"	5"	5/16"	2 1/2"	5/16"	2 1/4"	6	7/8"	5/16"	1/4"	8 3/4"	11 3/4"
* IS099I080L133.7	754+00	I-A	8	38'-2 1/2"	4'-6 1/2"	-	-	-	-	5"	5/16"	2 1/2"	5/16"	2"	6	7/8"	5/16"	1/4"	8 3/4"	11 3/4"

* Not in contract. For information only.

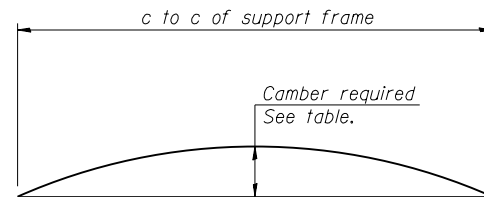


SECTION B-B

① Splicing Flanges shall be attached to each truss unit with the truss shop assembled to camber shown. Truss units shall be in proper alignment and flange surfaces shall be shop bolted into full contact before welding. Sufficient external welds or tacks shall be made to secure flanges until remaining welds are made after disassembly. Adjacent flanges shall be "match marked" to insure proper field assembly.



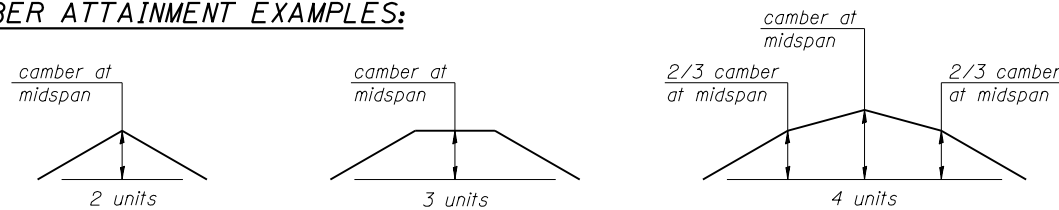
Note:
Units shall be shipped individually with adequate provision to prevent detrimental motion during transport. This may require ropes between horizontals and diagonals or energy dissipating (elastic) ties to the vehicle. The Contractor is responsible for maintaining the configuration and protection of the units.



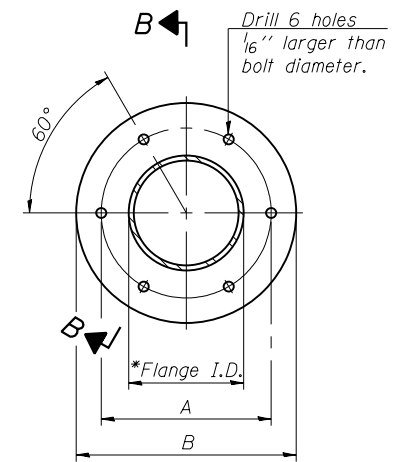
CAMBER DIAGRAM

Camber curve shown is theoretical. Actual camber attained by slope changes at splices between units.

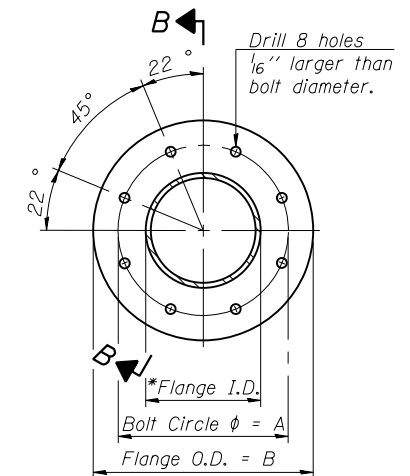
CAMBER ATTAINMENT EXAMPLES:



Camber shown is for fabrication only, measured with truss fully supported. (No-load condition)



TRUSS TYPES I-A, II-A, & III-A



TRUSS TYPES II-A & III-A

SPLICING FLANGES

ASTM B221, Alloy 6061-T6 or ASTM B209, Alloy 6061-T651

*To fit O.D. of Chord with maximum gap of 1/16".

OS4-A-2

6-1-12

USER NAME = default	DESIGNED - YC	REVISED -
	DRAWN - RMH	REVISED -
PLOT SCALE = #SCALE#	CHECKED - AK	REVISED -
PLOT DATE = 6/24/2020	DATE - 6/25/2020	REVISED -

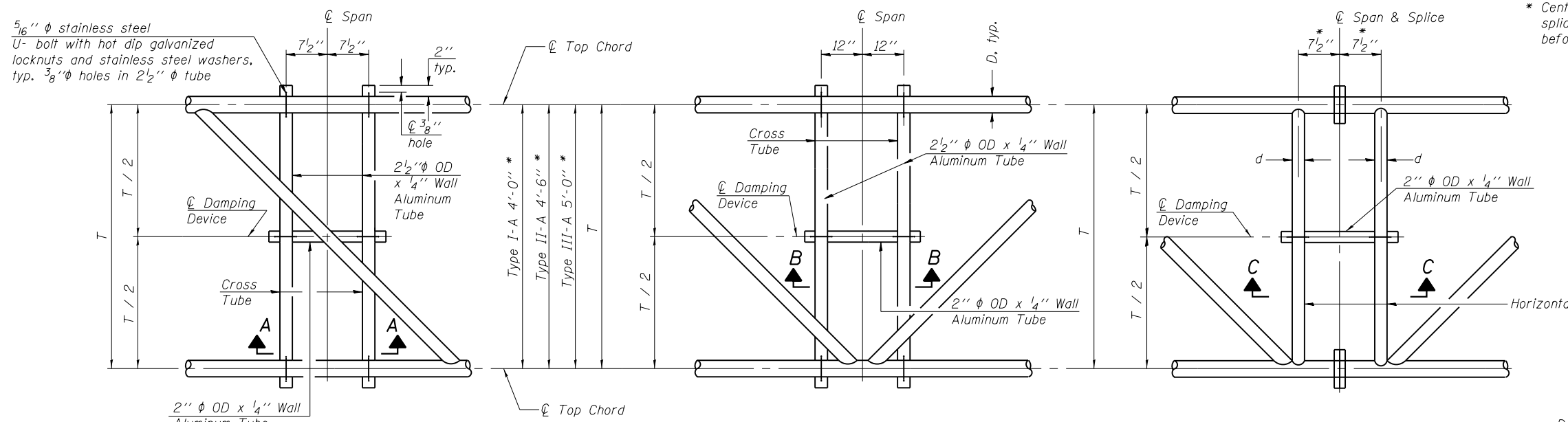


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
OVERHEAD SIGN STRUCTURES - ALUMINUM TRUSS DETAILS
FOR TRUSS TYPES I-A, II-A AND III-A**

SCALE: SHEET 3 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	175
CONTRACT NO. 60W34			ILLINOIS FED. AID PROJECT	



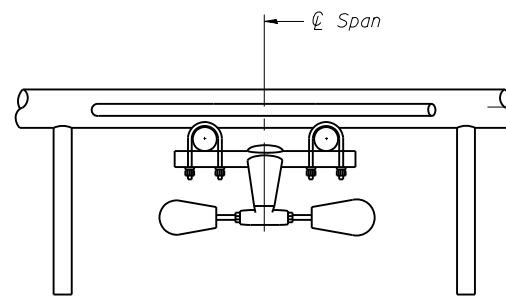
PLAN DETAIL "A"
 ☒ Span between Panel Points

PLAN DETAIL "B"
 ☒ Span at Panel Point

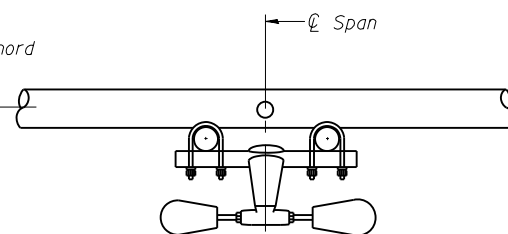
PLAN DETAIL "C"
 ☒ Span at ☒ Chord Splice

* Center of horizontal to center of splice dimension may vary. Verify before drilling holes in mounting tube.

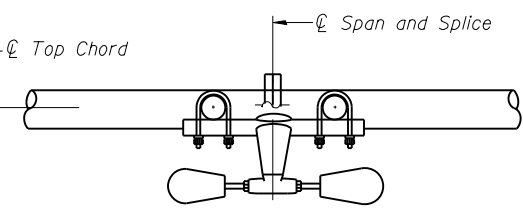
NOTES
 Damper: One damper per truss. (31 lbs. minimum Stockbridge-Type Aluminum - 29" minimum between ends of weights) Cost included in Overhead Sign Structure...
 Materials: Materials: Aluminum tubes shall be ASTM B221 alloy 6061 temper T6. Cost included in Overhead Sign Structure...



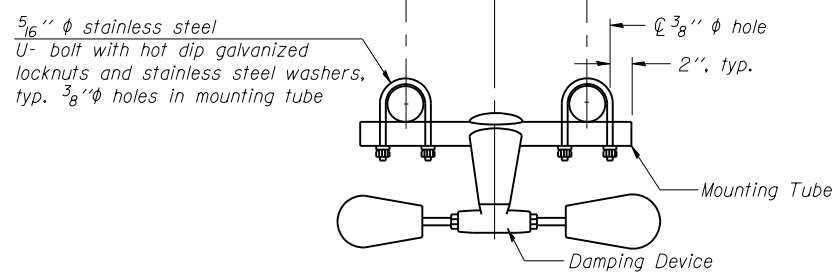
SECTION A-A



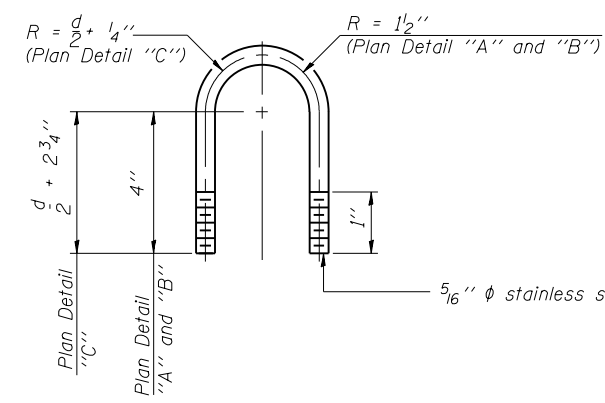
SECTION B-B



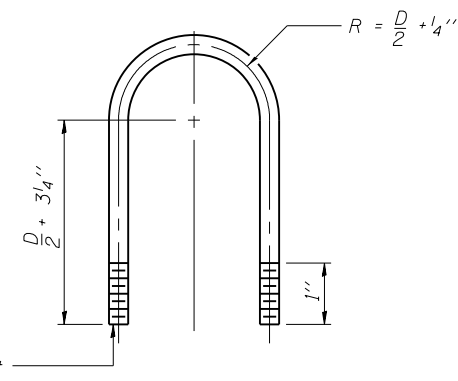
SECTION C-C



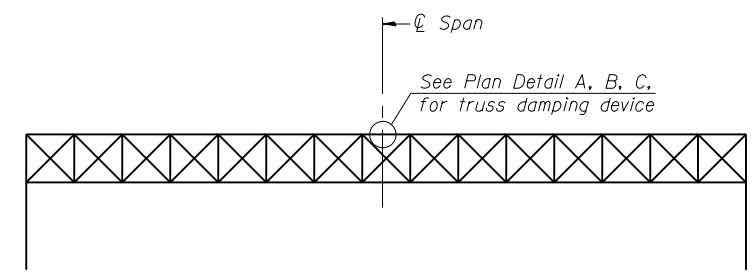
TRUSS DAMPING DEVICE CONNECTION DETAIL
 (Typical)



DAMPING DEVICE MOUNTING TUBE U-BOLT DETAIL
 (Typical)



TOP CHORD TO CROSS TUBE U-BOLT DETAIL
 (Typical - Detail "A" and "B")



ELEVATION
 Aluminum Overhead Sign Truss

OS-A-D

6-1-12

USER NAME = default	DESIGNED - YC	REVISED -
	DRAWN - RMH	REVISED -
PLOT SCALE = #SCALE#	CHECKED - AK	REVISED -
PLOT DATE = 6/24/2020	DATE - 6/25/2020	REVISED -



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

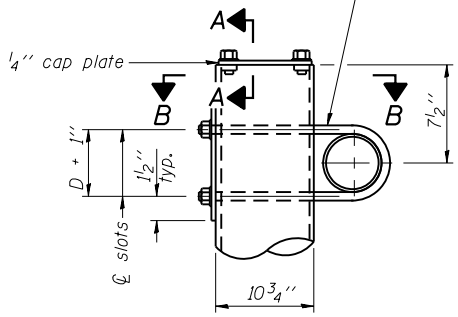
EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
 OVERHEAD SIGN STRUCTURE
 DAMPING DEVICE

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	176
			CONTRACT NO. 60W34	
ILLINOIS FED. AID PROJECT				

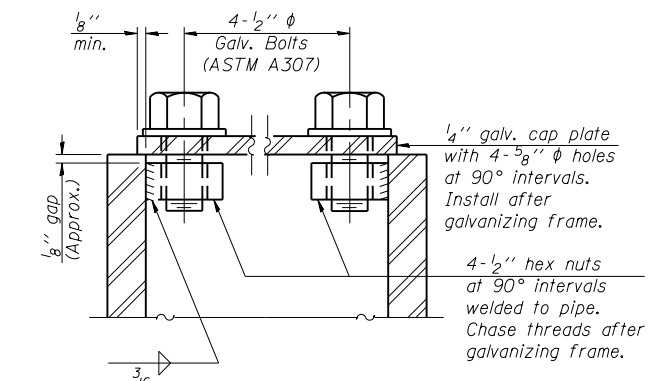
SCALE: SHEET 4 OF 11 SHEETS STA. TO STA.

FILE NAME = D180W34-sht-sign05-04.dgn

3/4" φ stainless steel U-bolt.
Provide two washers and two hexagon locknuts. (4)
1 3/16" x 2" slots on 10" φ pipe.
(4 slots required per pipe)

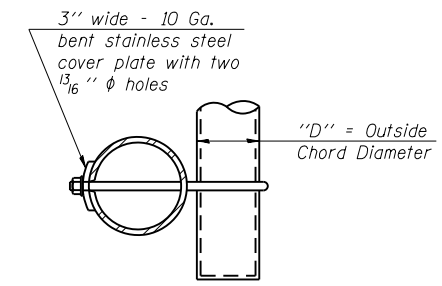


DETAIL A

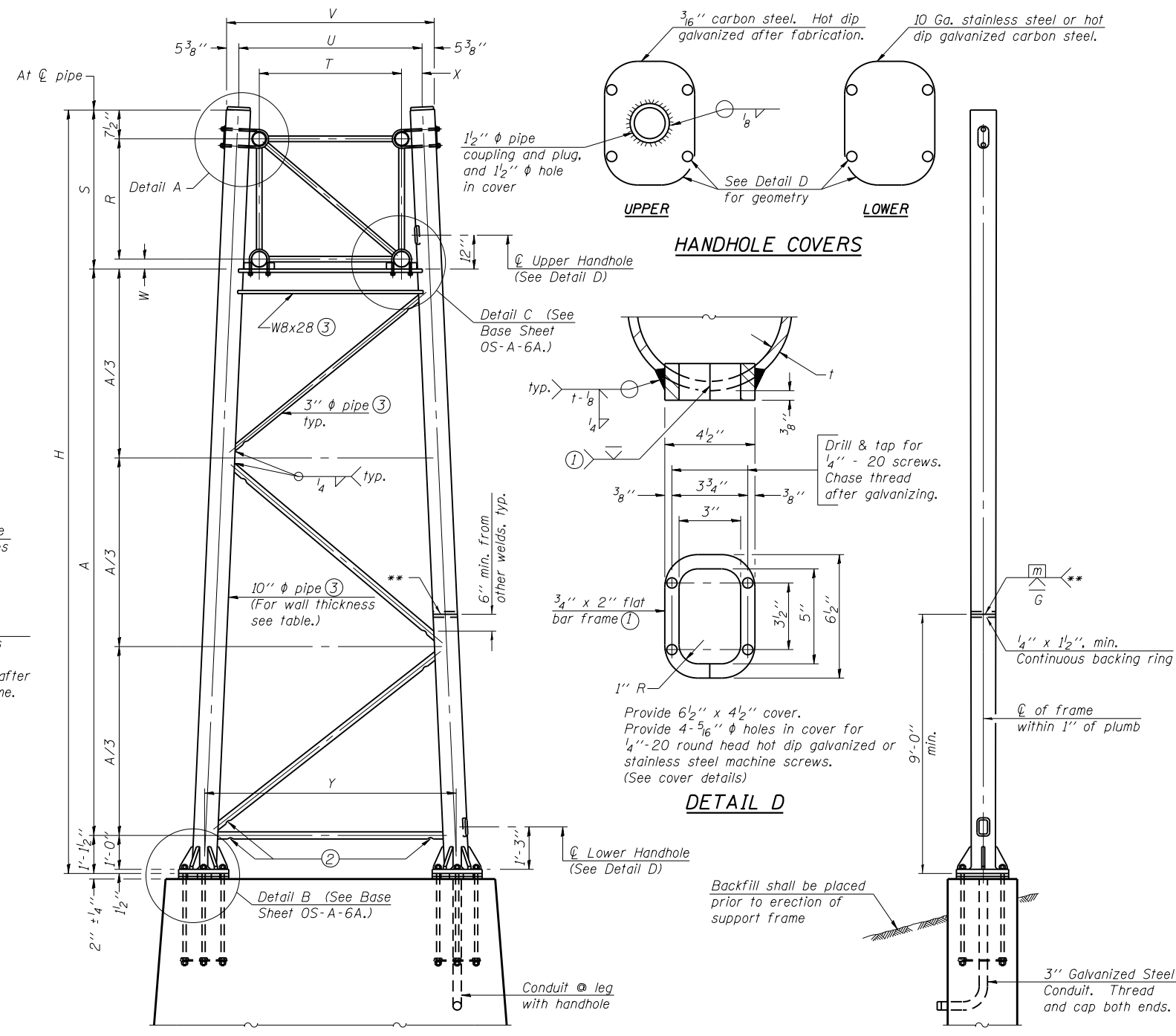


SECTION A-A

As an alternate to bolts, may use galvanized drive-fit caps installed after galvanizing frame.

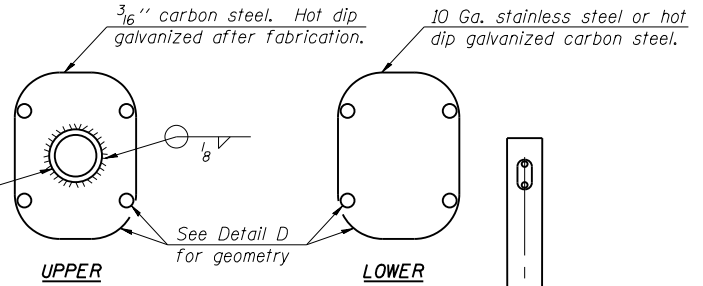


SECTION B-B

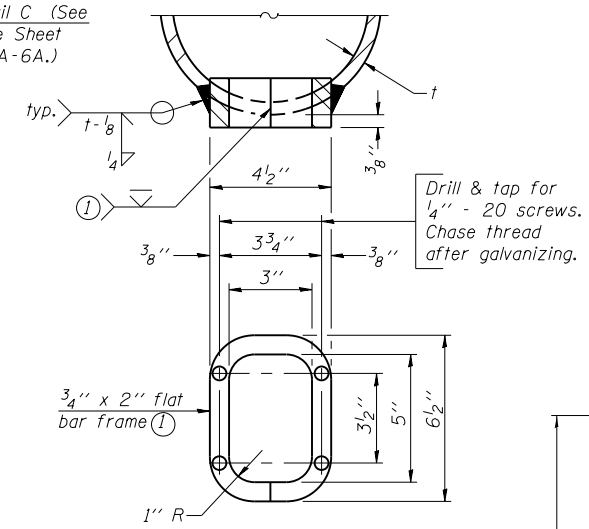


For Foundation Details, see base sheet OS-F3 (Spread Footing) or OS4-F3 (Drilled Shaft).

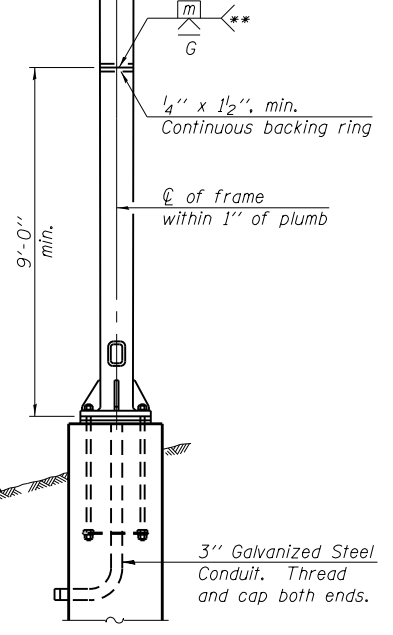
SIDE ELEVATION



HANDHOLE COVERS



DETAIL D



END ELEVATION

Support Design Loads: See Base Sheet OS-A-1 for design and loading criteria.
Load combinations checked include deadload plus:
a) 100% wind normal to sign, 20% parallel to sign
b) 60% wind normal to sign, 30% parallel to sign

- ① In lieu of fabricated handhole frame as shown, may cut from 2" plate (rolling direction vertical). All cut faces to be ground to ANSI Roughness of 500 μin or less.
- ② Galvanizing vent holes of adequate size shall be provided on underside at each end of bracing pipes. Alternately, holes may be provided in wall of pipe column. All vent holes shall be drilled and de-burred, typ.
- ③ Steel pipe, plate, carbon steel handhole covers and rolled sections shall be hot dip galvanized after fabrication. Painting is not permitted. See Base Sheet OS-A-1.
- ④ See General Notes for fasteners.
- ⑤ Dimensions shown are based on selection criteria in the Sign Structures Manual. Nonstandard applications must have dimensions verified or amended as appropriate.
- ⑥ "H" based on 15'-0" or actual sign height, whichever is greater.

Truss Type	Dimensions							
	R	S	T	U	V	W	X	Y
I-A	4'-6"	5'-5 1/2"	4'-0"	5'-6"	6'-4 3/4"	4"	9"	8'-3"
II-A (5)	5'-3"	6'-3 1/4"	4'-6"	6'-1"	6'-11 3/4"	4 3/4"	9 1/2"	8'-3"

10" φ PIPE TRUSS SUPPORT FRAME
** One butt welded joint is allowed only on one post per support frame. If used, weld procedure must be pre-approved by Engineer and joint shall receive 100% RT or UT (tension criteria) at Contractor's expense.

Structure Number	Station	Support		Truss Type	Pipe Wall Thickness	H (6)	A
		Left	Right				
IS0991080R133.1	716+50	X		I-A	0.279"	24'-8 1/4"	18'-1 1/4"
			X	I-A	0.279"	25'-4 5/8"	18'-9 5/8"
* IS0991080L133.5	742+60	X		I-A	0.279"	21'-10 1/4"	15'-3 1/4"
			X	I-A	0.279"	22'-1"	15'-6"
* IS0991080L133.7	754+00	X		I-A	0.279"	20'-8 5/8"	14'-1 5/8"
			X	I-A	0.279"	26'-10 1/4"	20'-3 1/4"

* Not in contract. For information only.

OS-A-6 6-1-12

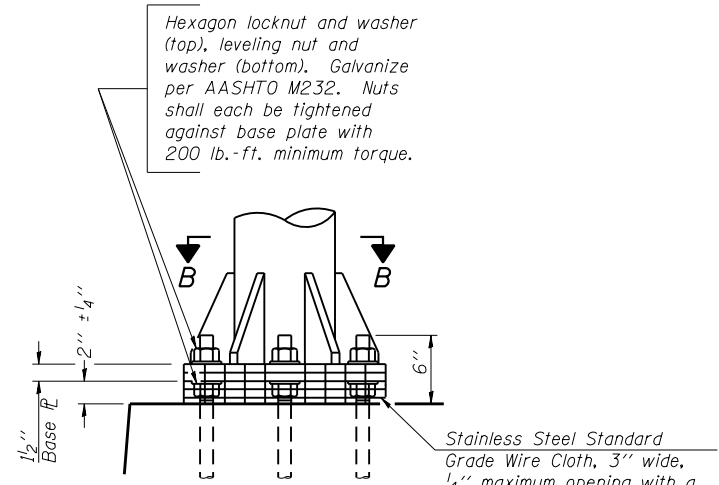
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DRAWN - RMH	REVISIONS -	
PLOT SCALE = #SCALE#	CHECKED - AK	REVISED -
PLOT DATE = 6/24/2020	DATE - 6/25/2020	REVISED -
FILE NAME = D160W34-sht-sign05-05.dgn		



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

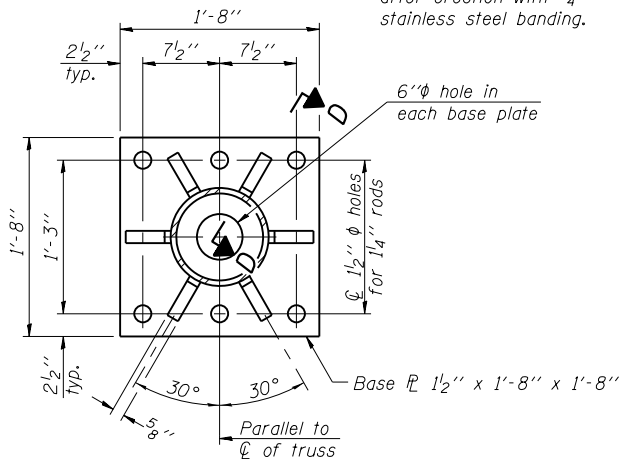
EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
OVERHEAD SIGN STRUCTURES
SUPPORT FRAME FOR ALUMINUM TRUSS
SCALE: SHEET 5 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	177
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

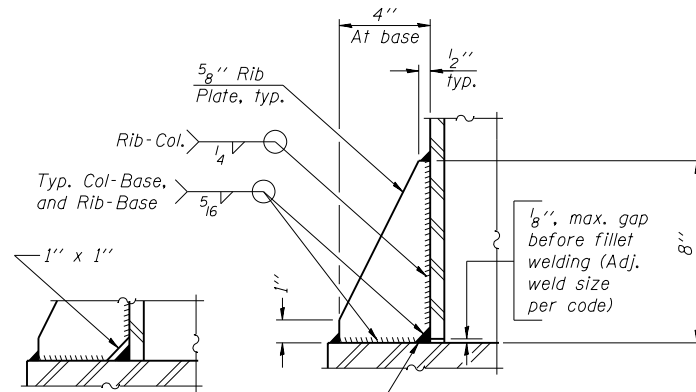


DETAIL B

Ribs shall be cut to fit slope of pipe.



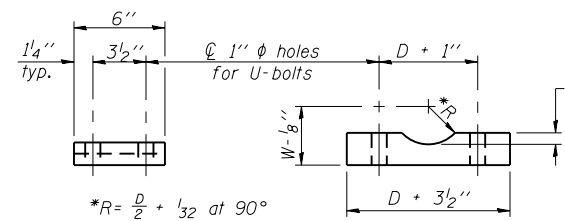
SECTION B-B



SECTION D-D

** Alternate detail if welding col. to base plate first, then snip inside corner of ribs. Terminate weld on rib 1/4" from snip.

No snip req'd. at rib inside corner if placed before col. to base plate welding.**

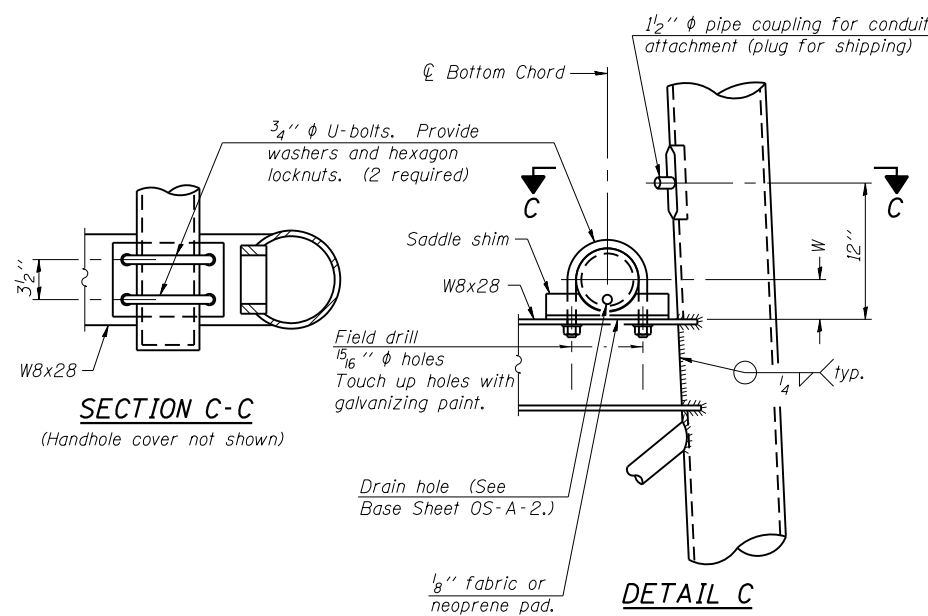


D = Outside Diameter of Chord.
For W, see Base Sheet OS-A-6.

SADDLE SHIM DETAIL

ASTM B26 Alloy 356-F
or
ASTM B209 Alloy 6061-T651
(4 required per sign truss)

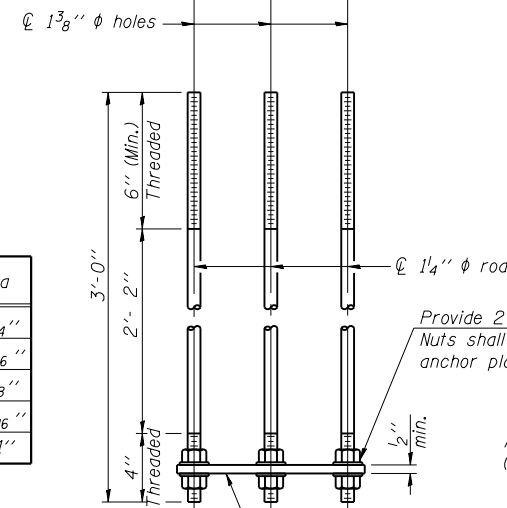
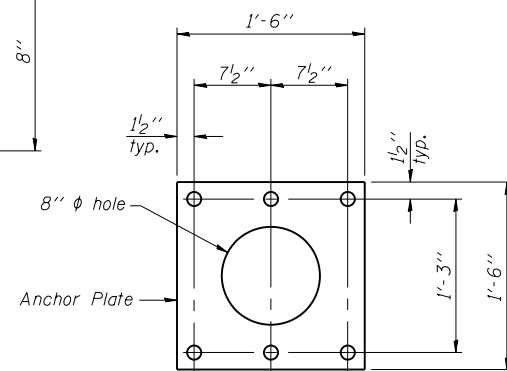
Truss Chord Nominal Dia.	a
5"	3/4"
5 1/2"	13/16"
6"	7/8"
6 1/2"	15/16"
7"	1"



SECTION C-C

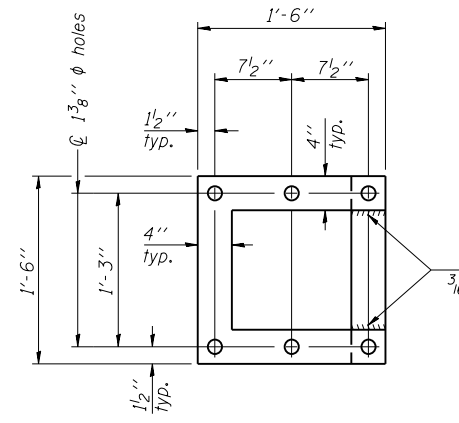
(Handhole cover not shown)

DETAIL C



ANCHOR ROD DETAIL

Spread Footing Foundation

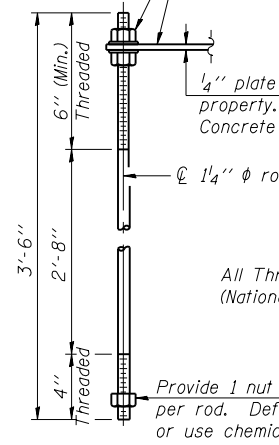


POSITIONING PLATE(S)

Optionally may use four (4) separate bars. Weld to maintain perpendicularity.

At each location, provide 1/4" thick positioning plate(s) and six (6) additional nuts to be used with leveling nuts to maintain anchor bolts position during concrete placement.

1/4" plate and extra nuts become Contractor's property. Cost included in Drilled Shaft Concrete Foundations.



ANCHOR ROD DETAIL

Drilled Shaft Foundation

Anchor rods shall conform to ASTM F1554 Grade 105. Galvanize upper 12" minimum per AASHTO M232. No welding shall be permitted on rods.

10" PIPE SUPPORT FRAME DETAILS

OS-A-6A

6-1-12

USER NAME = default	DESIGNED - YC	REVISED -
	DRAWN - RMH	REVISED -
PLOT SCALE = *SCALE*	CHECKED - AK	REVISED -
PLOT DATE = 6/24/2020	DATE - 6/25/2020	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

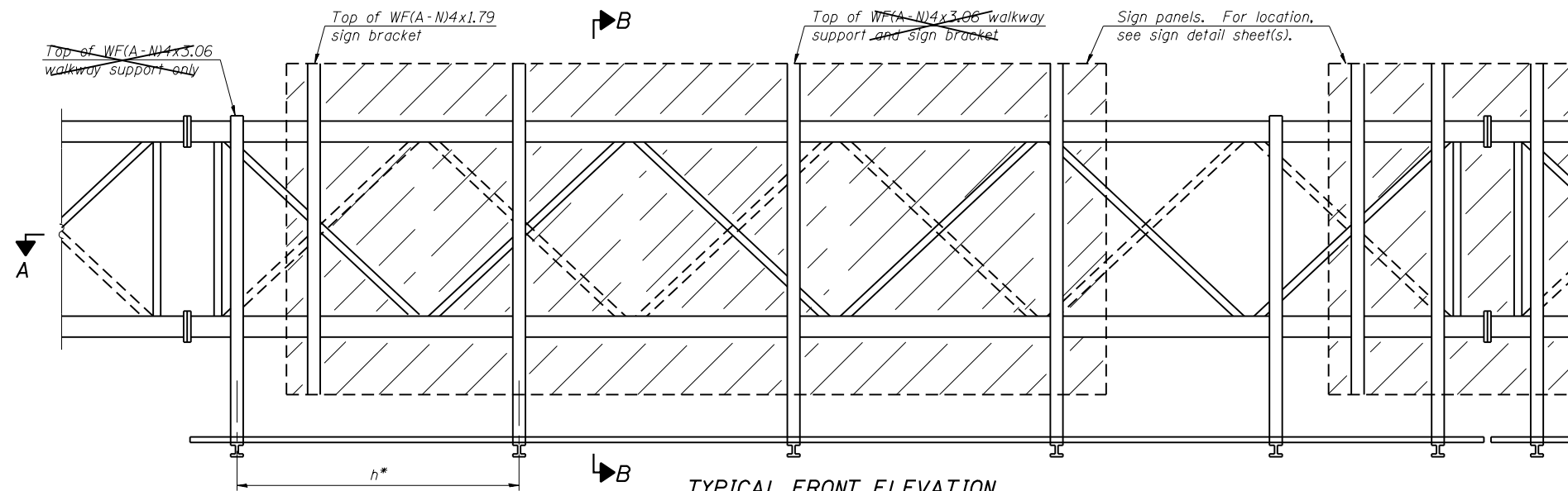
EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
OVERHEAD SIGN STRUCTURES
SUPPORT FRAME DETAILS - ALUMINUM TRUSS

SCALE: SHEET 6 OF 11 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	178
				CONTRACT NO. 60W34

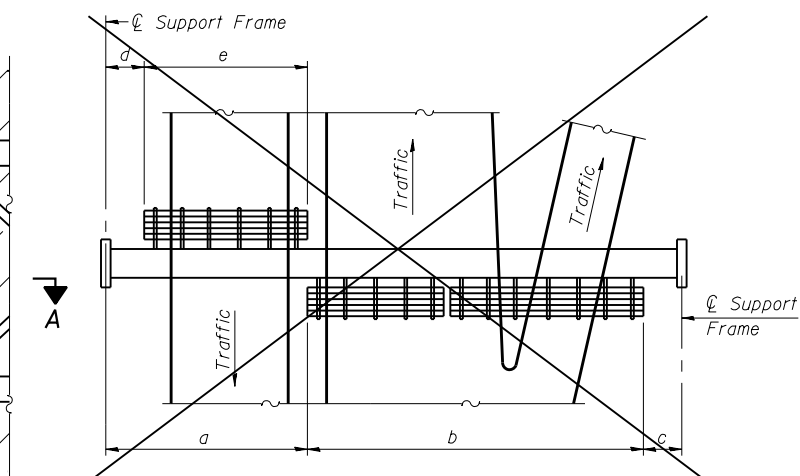
ILLINOIS FED. AID PROJECT

FILE NAME = D160W34-sht-sign05-06.dgn



TYPICAL FRONT ELEVATION

With lights and handrail omitted for clarity.
For Section B-B, see Base Sheet OS-A-10.



PLAN WALKWAY AND HANDRAIL SKETCH
(Road plan beneath truss varies)

BRACKET TABLE

WF(A-N)4x1.79 or WF(A-N)4x3.06 ASTM B308, Alloy 6061-T6		
Sign Width		Number Brackets Required
Greater Than	Less Than or Equal To	
	8'-0"	2
8'-0"	14'-0"	3
14'-0"	20'-0"	4
20'-0"	26'-0"	5
26'-0"	32'-0"	6

Notes:

* Space walkway brackets WF(A-N)4x3.06 and sign brackets WF(A-N)4x1.79 for efficiency and within limits shown:

f = 12" maximum, 4" minimum (End of sign to ϕ of nearest bracket)

g = 12" maximum, 4" minimum (End of walkway grating to ϕ of nearest support bracket)

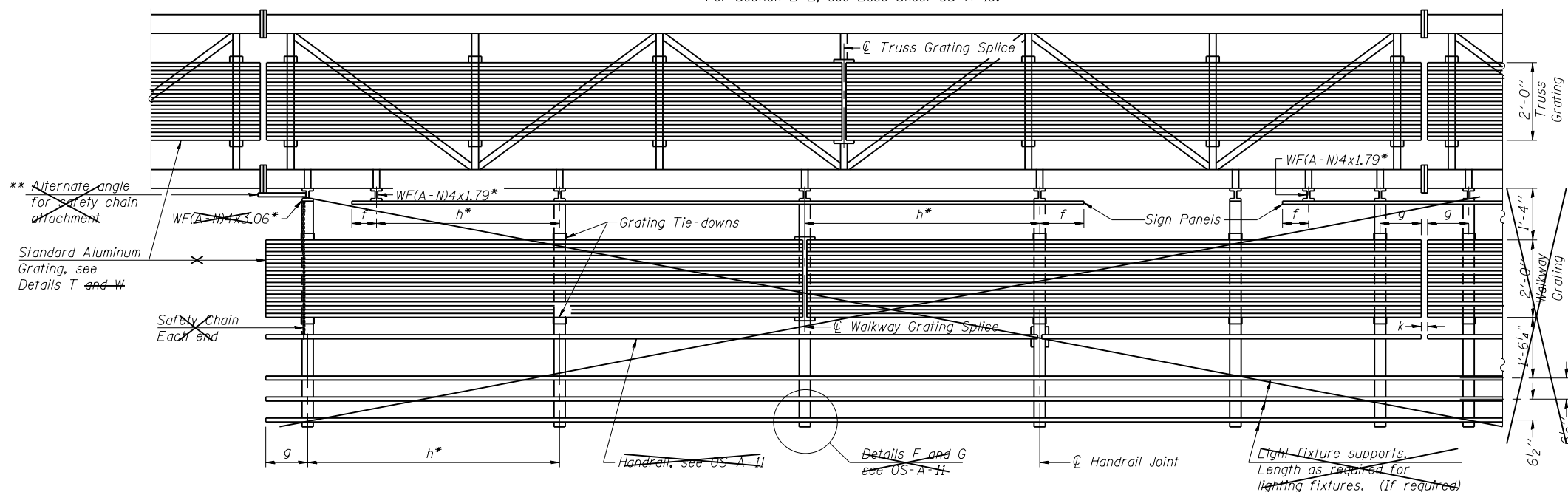
h = 6'-0" maximum (ϕ to ϕ sign and/or walkway support brackets, WF(A-N)4x1.79 or WF(A-N)4x3.06)

k = 2" maximum gap between adjacent walkway grating sections and handrail ends

** If walkway bracket at safety chain location is behind sign, add angle to bracket, see Alternate Safety Chain Attachment on Base Sheet OS-A-11.

For Details T and W, Section B-B and Grating Splice Details see Base Sheet OS-A-10.

For Handrail Details see Base Sheet OS-A-11.



SECTION A-A

Handrail and walkway shall span a minimum of three brackets between splices and/or gap joints. Place all sign and walkway brackets as close to panel points as practical. Handrail joints, grating, and light support splices placed as needed.

Truss grating to facilitate inspection shall run full length (center to center of support frames) $\pm 12''$ on overhead trusses. Cost of truss grating is included in "Overhead Sign Structure".

Walkway and Truss Grating width dimensions are nominal and may vary $\pm 1/2''$ based on available standard widths.

Structure Number	Station	a	b	c	d	e	Walkway Grating and Handrail Lengths (Foot)
IS0991080R133.1	716+50						81
IS0991080L133.5	742+60						81
IS0991080L133.7	754+00						76

* Not in contract. For information only.

OS-A-9 6-1-12

USER NAME = default	DESIGNED - YC	REVISED -
	DRAWN - RMH	REVISED -
PLOT SCALE = *SCALE*	CHECKED - AK	REVISED -
PLOT DATE = 6/24/2020	DATE - 6/25/2020	REVISED -



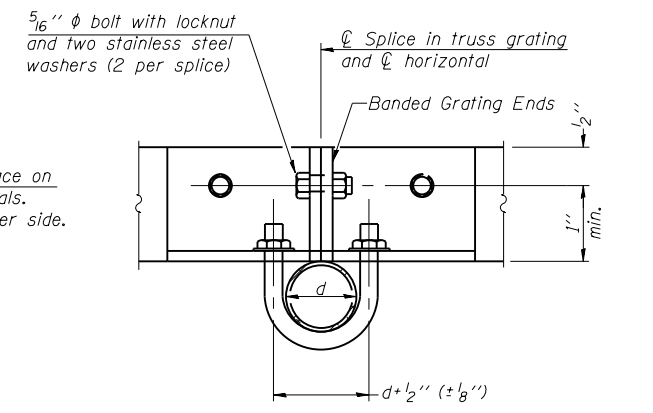
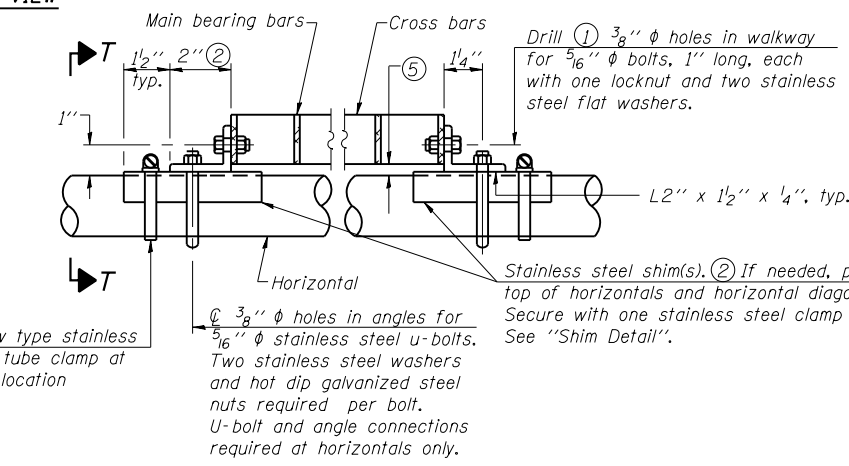
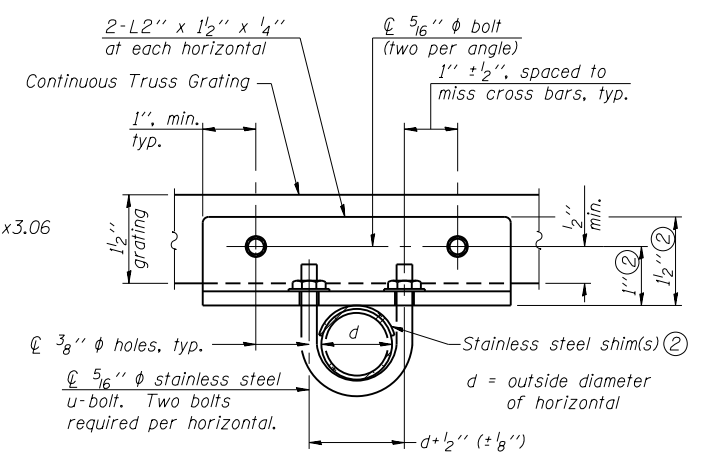
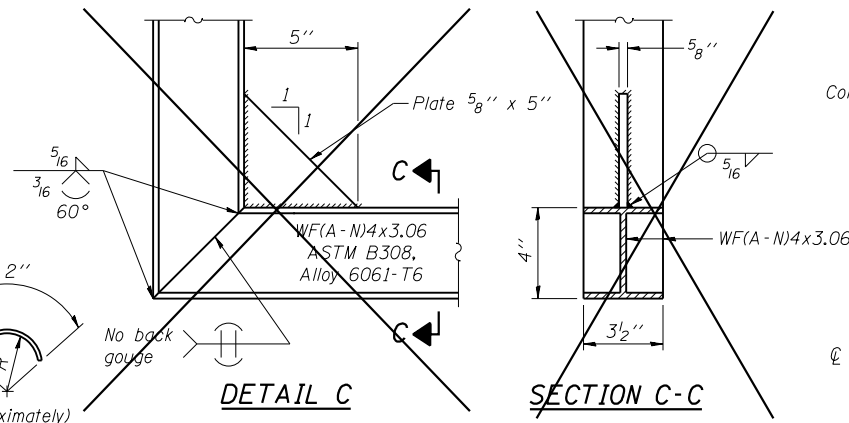
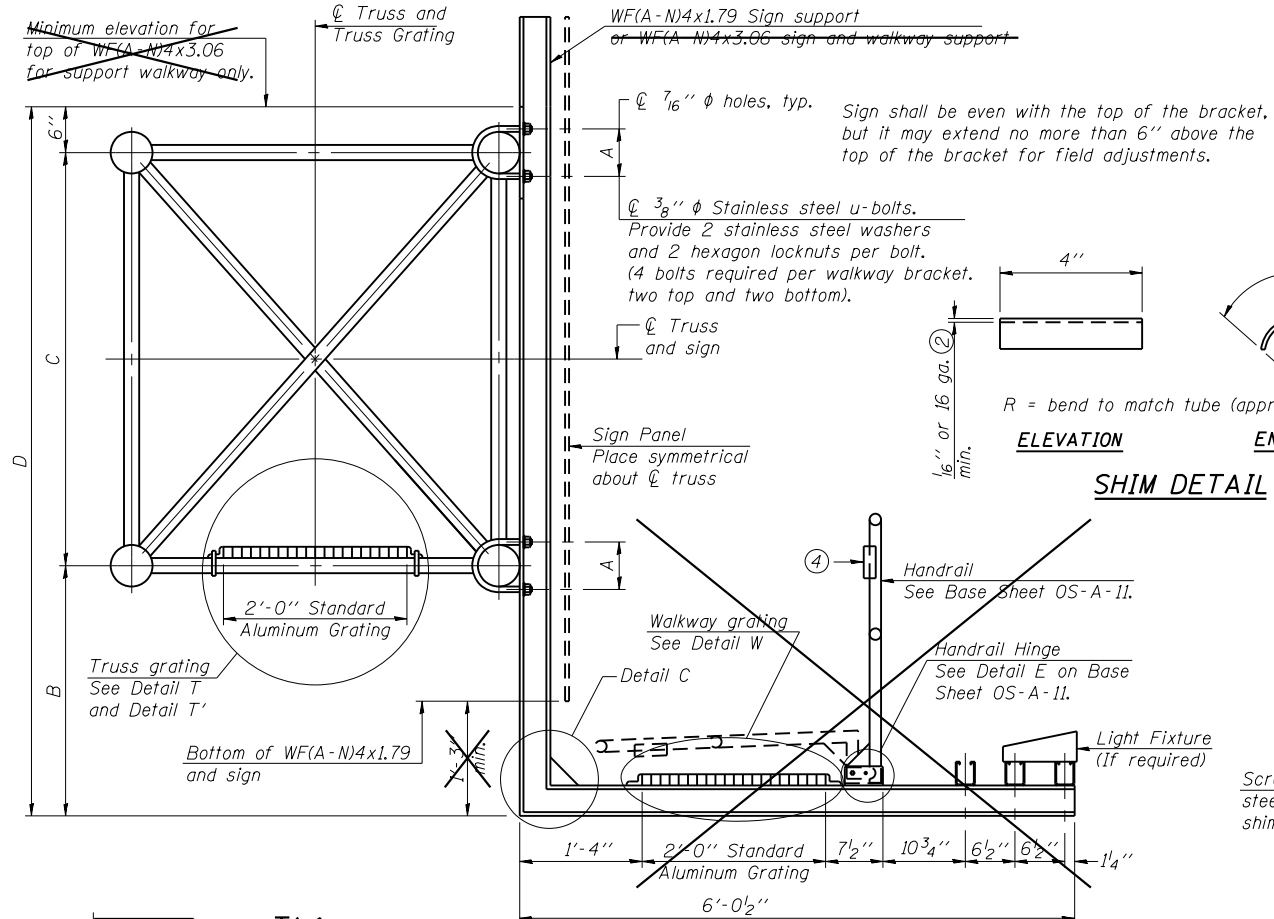
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
OVERHEAD SIGN STRUCTURES
ALUMINUM WALKWAY DETAILS**

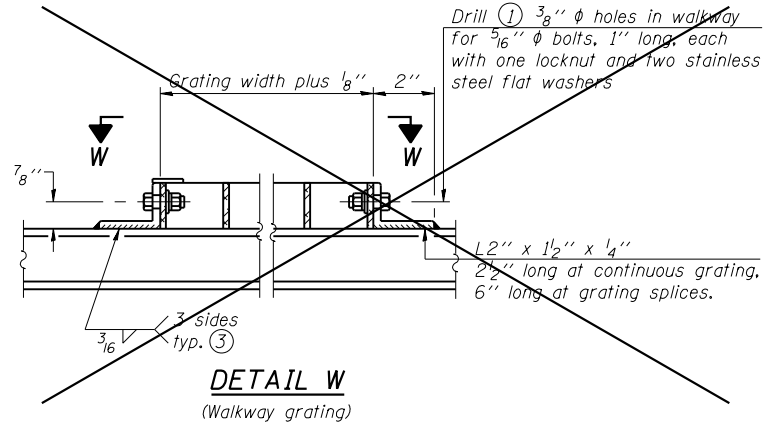
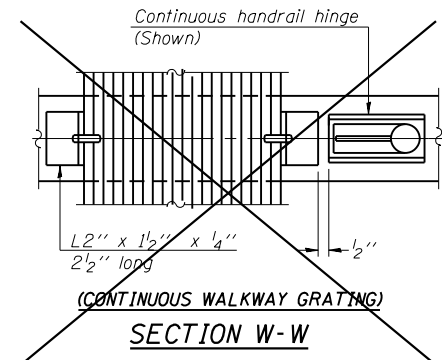
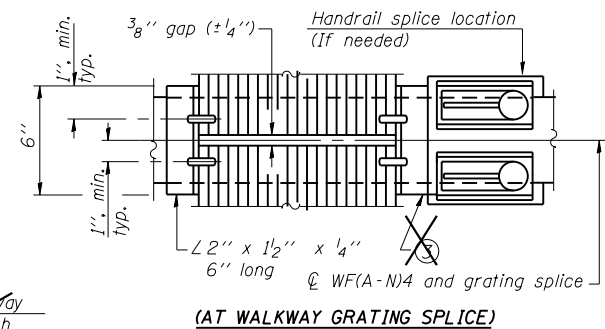
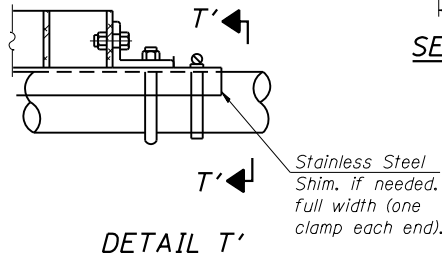
SCALE: SHEET 7 OF 11 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	179
CONTRACT NO. 60W34				

ILLINOIS FED. AID PROJECT



SECTION B-B



SPECIFICATIONS FOR STANDARD ALUMINUM GRATING

Main Bearing Bars shall be 3/16" x 1 1/2" on 1 3/16" centers and conform to ASTM B221 Alloy 6061-T6.
 Cross bars shall be 3/16" x 1 1/2" on 4" centers and conform to ASTM B221 Alloy 6063-T5 or 6061-T6.

OR

Aluminum Grating with modified "I" sections for main bearing bars shall meet the following requirements:
 Main bars shall conform to ASTM B221 Alloy 6061-T6 and have a minimum section modulus equal to 0.0705 in.³ per bar, a depth of 1 1/2", spaced on 1 3/16" centers.
 Cross bars shall conform to ASTM B221 Alloy 6063-T5 or T-42 and spaced on 4" centers.

Structure Number	Station	A	⑥ B	C	⑥ D
IS0991080R133.1	716+50	5 1/2"	2'-9"	4'-6"	7'-9"
IS0991080L133.5	742+60	5 1/2"	5'-0"	4'-6"	10'-0"
IS0991080L133.7	754+00	5 1/2"	5'-3"	4'-6"	10'-3"

- ① Drilling holes in grating may be done in shop or field, based on Contractor's preference and subject to accurate alignment.
- ② Stainless steel shims shall be placed as shown in Detail T if needed to compensate for alignment variations between horizontal and diagonal pipes beyond adjustment provided by angles. Thicker shims may be used subject to shims performing properly.
- ③ If Handrail Joint present, weld angle to WF(A-N)4 and 1/4" extension bars. (See Base Sheet OS-A-II)
- ④ R 1/8" x 1/2" x 2" welded to handrail posts to protect locations that contact grating.
- ⑤ Tube to grating gap may vary from 0 to 1/2", max. to align walkway, allow for camber, etc.
- ⑥ Based on actual height of tallest sign given on OS-A-1.

*Not in Contract. For information only.

OS-A-10 6-1-12

USER NAME = default	DESIGNED - YC	REVISED -
PLOT SCALE = #SCALE#	DRAWN - RMH	REVISED -
PLOT DATE = 6/24/2020	CHECKED - AK	REVISED -
FILE NAME = D160W34-sht-sign05-08.dgn	DATE - 6/25/2020	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
OVERHEAD SIGN STRUCTURES
ALUMINUM WALKWAY DETAILS

F.A.I. RTE. 80	SECTION 2013-008B	COUNTY WILL	TOTAL SHEETS 511	SHEET NO. 180
SCALE: SHEET 8 OF 11 SHEETS STA. TO STA.			CONTRACT NO. 60W34	
ILLINOIS FED. AID PROJECT				

BAR LIST - EACH FOUNDATION

Bar	Number	Size	Length	Shape
v4(E)	24	#9	F less 5"	—
#4 bar spiral (E) - see Side Elevation				

NOTES:

The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.

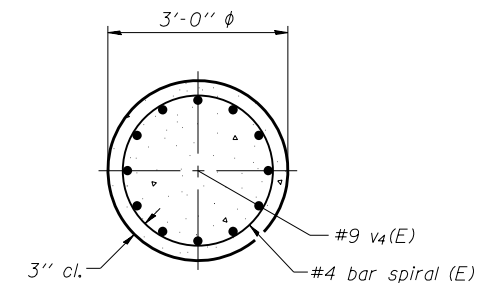
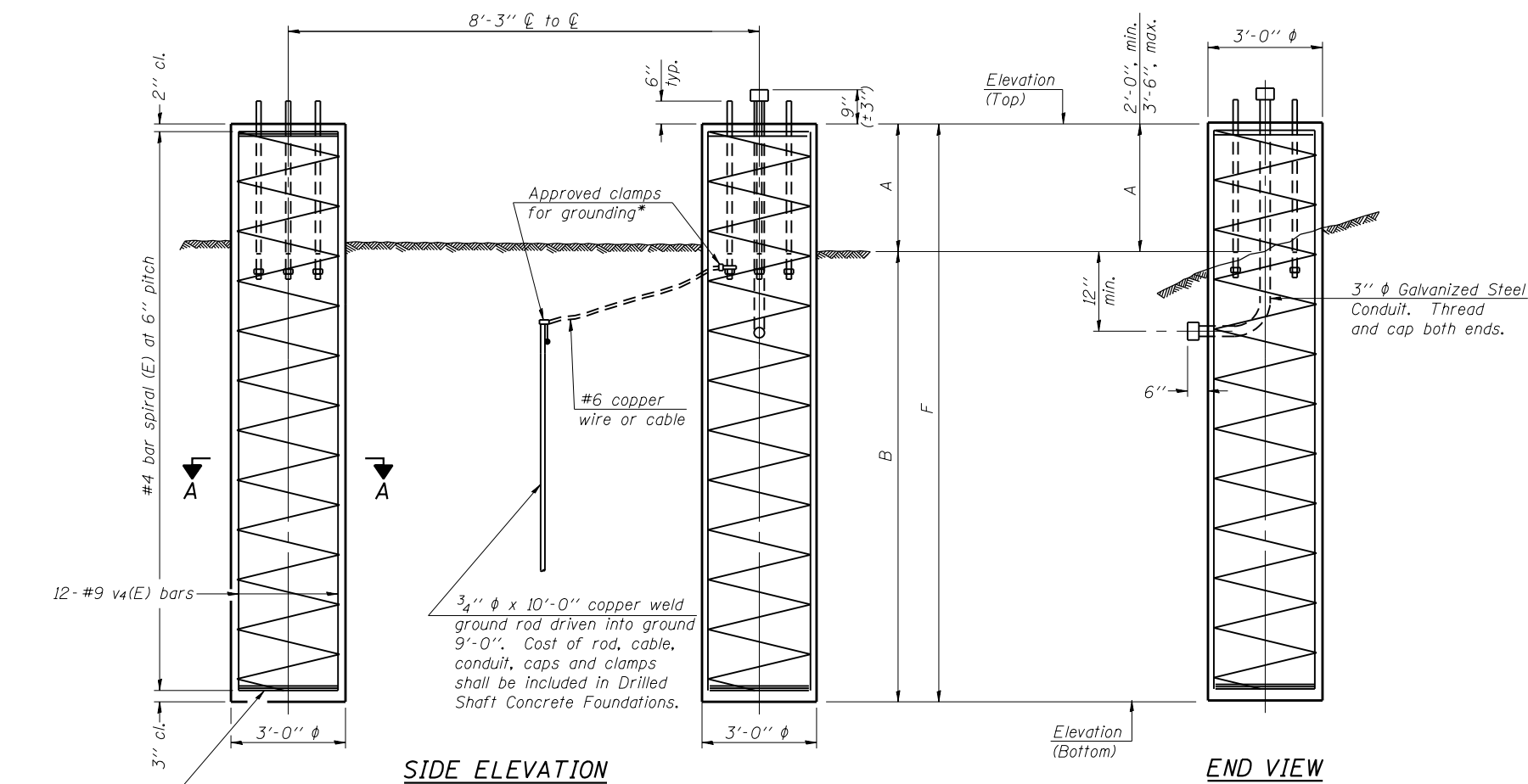
If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.

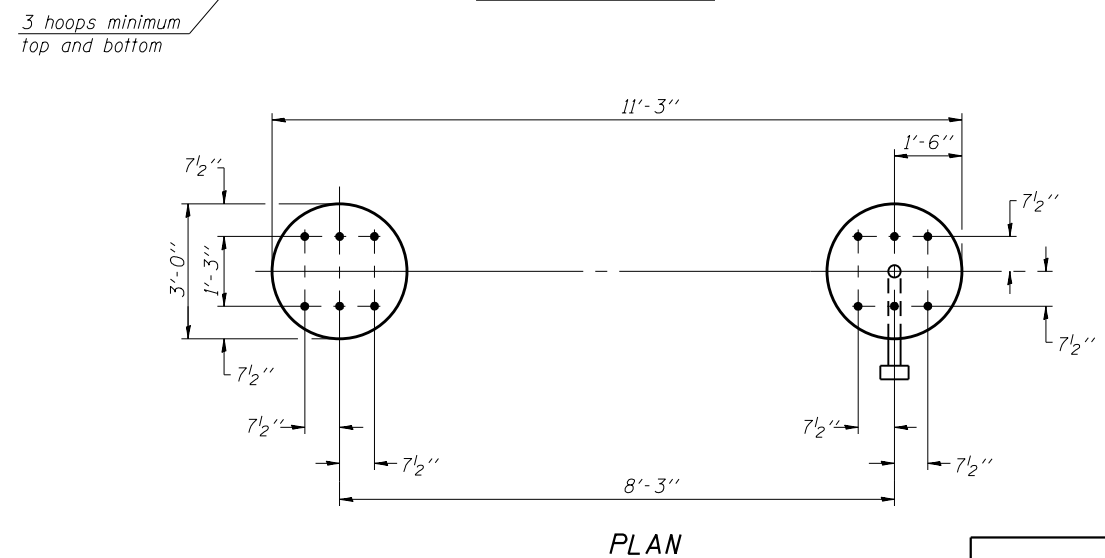
Concrete shall be placed monolithically, without construction joints.

Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.

A normal surface finish followed by a Concrete Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Drilled Shaft Concrete Foundation.



SECTION A-A



PLAN

For anchor rod size and placement, see Support Frame Detail Sheet.

* Anchor rod shall be ground or filed to bright metal at clamp and cable connection location.

**DETAILS FOR 10" Ø SUPPORT FRAME
TYPE I-A or II-A TRUSS**

Structure Number	Station	Left Foundation			Right Foundation			Class DS Concrete (Cu. Yds.)				
		Elevation Top	Elevation Bottom	A	B	F	Elevation Top		Elevation Bottom	A	B	F
IS0991080R133.1	716+50	-	-	-	-	-	576.50	545.50**	3'-0"	28'-0"	31'-0"	16.2
* IS0991080L133.7	754+00	-	-	-	-	-	587.40	567.64**	3'-0"	16'-6"	19'-9"	

* Not in Contract. For information only. Quantity not included.
** In case of rock encountered, socket into rock to the specified elevation.

OS4-F3

8-21-13

USER NAME = default	DESIGNED - YC	REVISED -
	DRAWN - RMH	REVISED -
PLOT SCALE = *SCALE*	CHECKED - AK	REVISED -
PLOT DATE = 6/24/2020	DATE - 6/25/2020	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
OVERHEAD SIGN STRUCTURES
DRILLED SHAFT DETAILS

SCALE: SHEET 9 OF 11 SHEETS STA. TO STA.

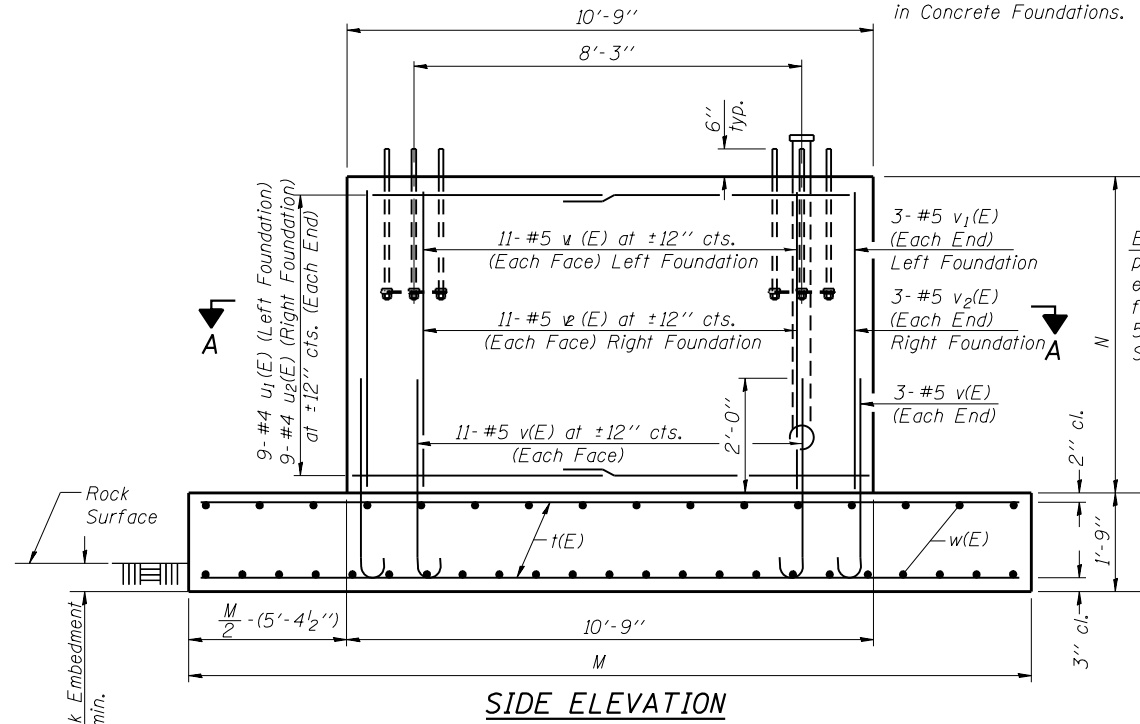
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	181
CONTRACT NO. 60W34			ILLINOIS FED. AID PROJECT	

FILE NAME = D160W34-sht-sign05-09.dgn

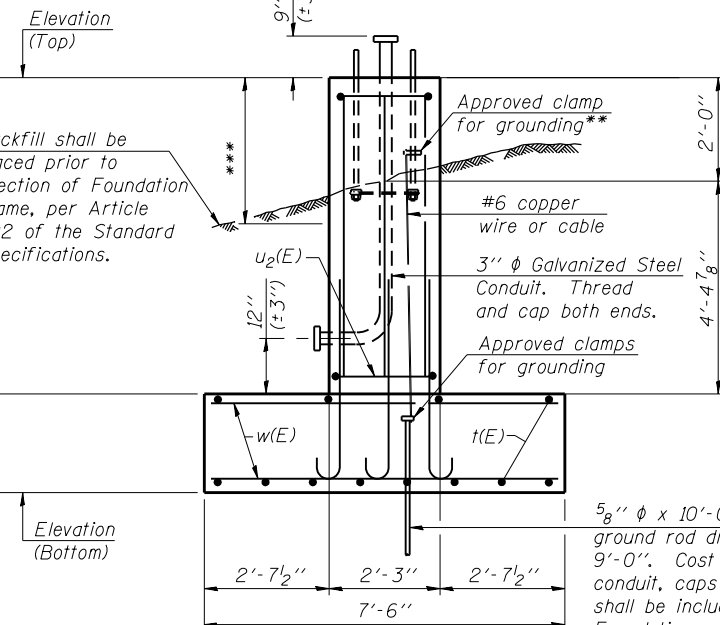
For anchor rod size and placement, see Support Frame Detail Sheet.

** Anchor rod shall be ground or filed to bright metal at clamp and cable connection location.

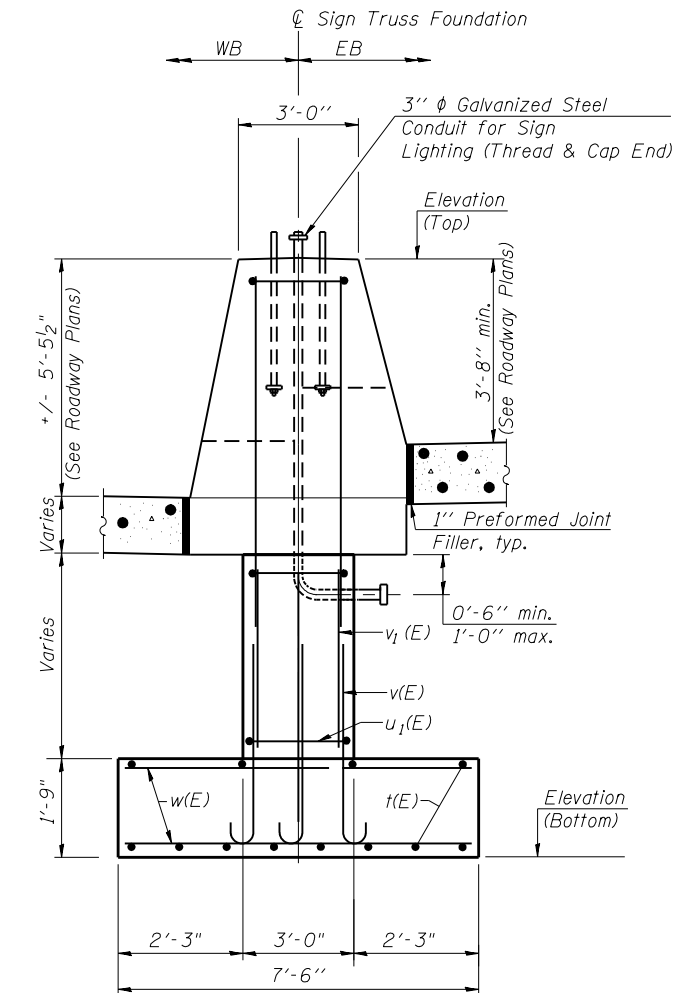
*** A normal surface finish followed by a Concrete Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Concrete Foundations.



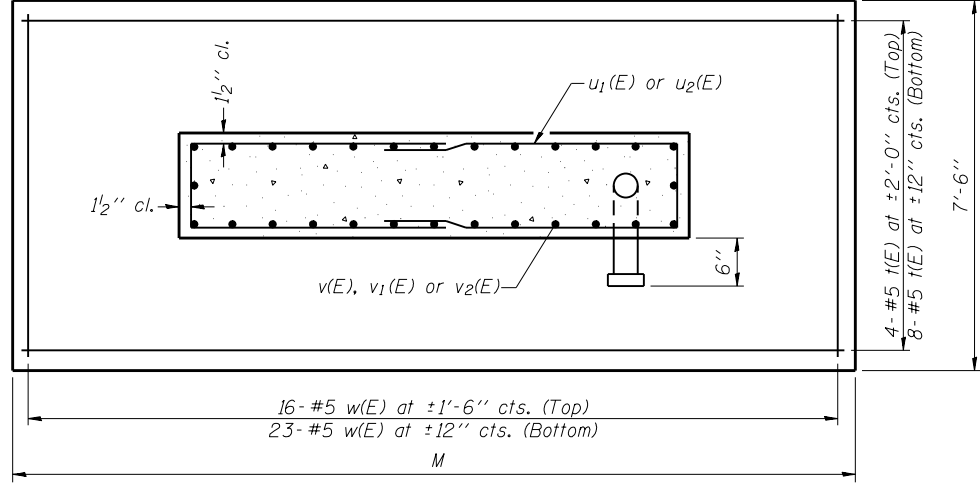
SIDE ELEVATION



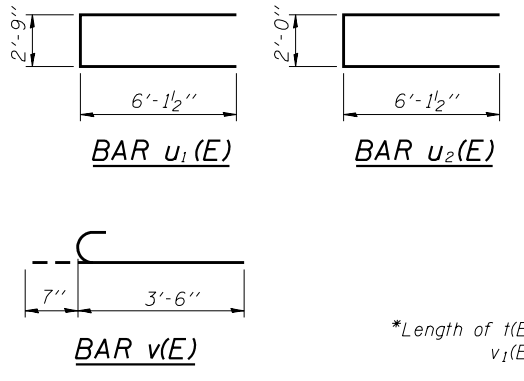
RIGHT FOUNDATION ELEVATION



LEFT FOUNDATION ELEVATION



SECTION A-A



BAR v(E)

BAR u1(E)

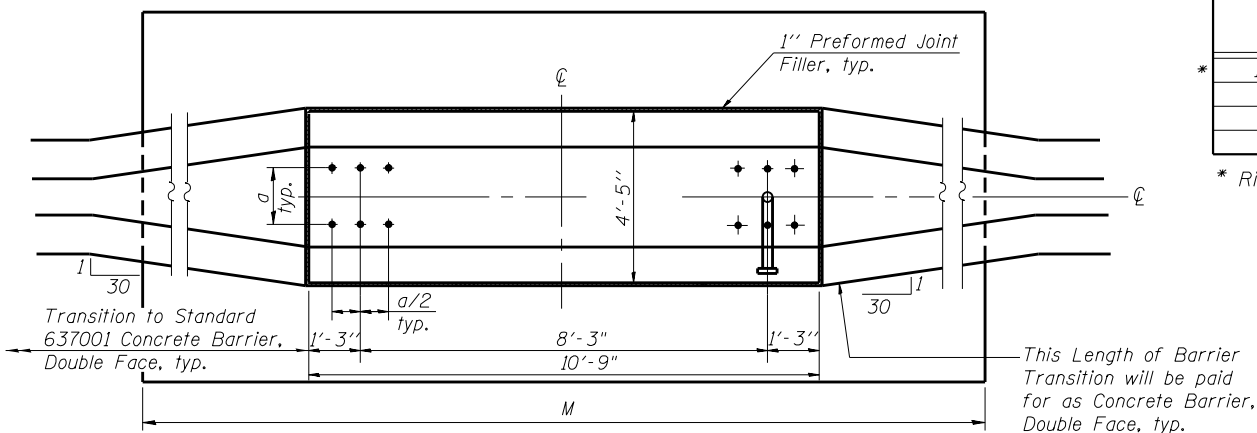
BAR u2(E)

BAR LIST - RIGHT FOUNDATION

Bar	No.	Size	Length	Shape
t(E)	12	5	21'-0"	—
u2(E)	18	4	14'-3"	□
v(E)	28	5	4'-1"	C
v2(E)	28	5	6'-2"	—
w(E)	39	5	7'-3"	—

BAR LIST - LEFT FOUNDATION

Bar	No.	Size	Length	Shape
t(E)	12	5	21'-0"	—
u1(E)	18	4	15'-0"	□
v(E)	28	5	4'-1"	C
v1(E)	28	5	9'-0"	—
w(E)	39	5	7'-3"	—



TOP VIEW - LEFT FOUNDATION

Structure Number	Station	Left Foundation				Right Foundation				Class SI Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	N	M	Elevation Top	Elevation Bottom	N	M	
* IS0991080L133.5	742+60	568.29	557.35	9'-2 3/8"	21'-6"	568.05	559.90	6'-4 7/8"	21'-6"	24

* Right foundation not in contract. For information only. Quantity not included.

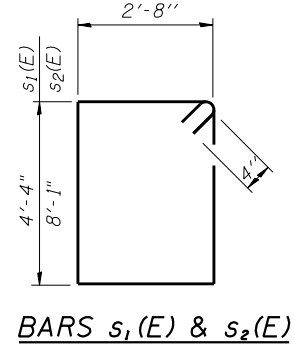
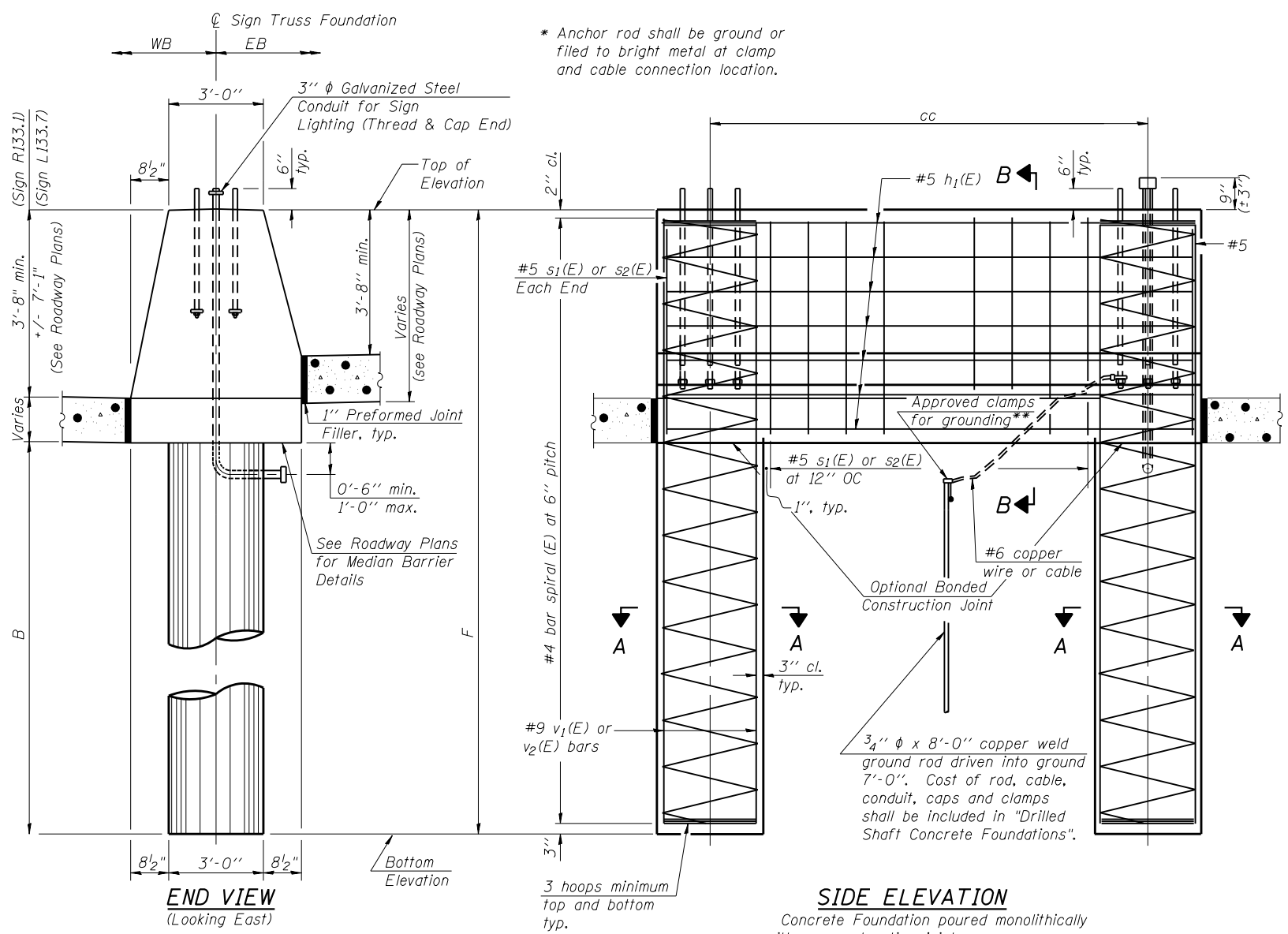
Note:

The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.0 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.

The bottom elevation at foundation is for information only. Adjust the bottom elevation as needed to ensure minimum 9" embedment.

During construction, if footing length or width or wall height change by more than 12", or if reinforcement is changed, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.

DETAILS FOR 10" diameter SUPPORT FRAME



BAR LIST
MEDIAN FOUNDATION R133.1

Bar No.	Size	Length	Shape
h1(E)	5	10'-11"	—
s1(E)	5	14'-9"	□
v1(E)	9	21'-0"	—

#4(E) bar spiral _see Side Elevation

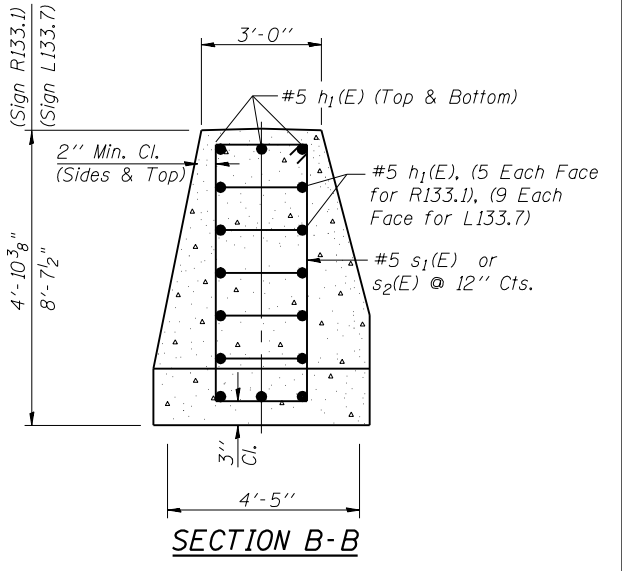
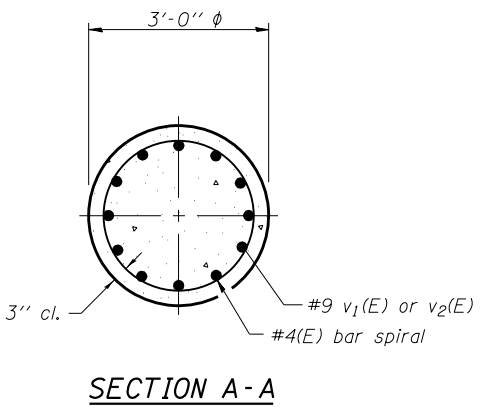
BAR LIST
MEDIAN FOUNDATION L133.7

Bar No.	Size	Length	Shape
h1(E)	5	10'-11"	—
s2(E)	5	22'-3"	□
v2(E)	9	24'-9"	—

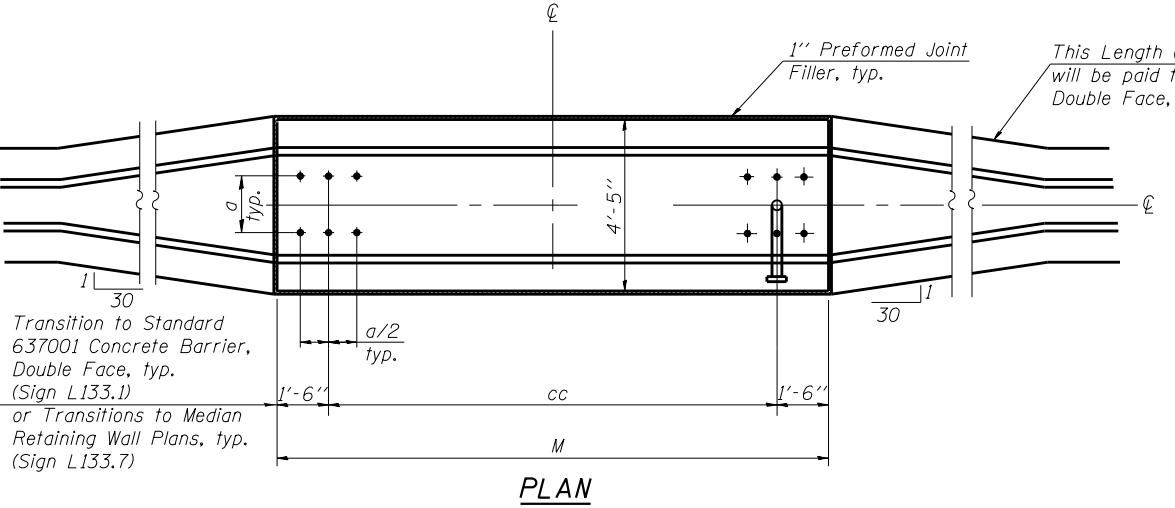
#4(E) bar spiral _see Side Elevation

Pipe Support Frames

Pipe	cc	M	a	a/2
10"φ	8'-3"	11'-3"	1'-3"	7/2"



NOTES:
 The foundation dimensions shown are based on the presence of mostly cohesive soils with an average Unconfined Compressive Strength (Qu) of at least 1.25 tsf, which must be determined by previous soil investigations at the jobsite. When other conditions are indicated, the boring data will be included in the plans and the foundation dimensions shown will be the result of site specific designs.
 If the conditions encountered are different than those indicated, the Contractor shall notify the Engineer to determine if the foundation dimensions need to be modified. If dimensions "B" or "F" are revised by more than 12" by the Contractor, "as-built" plans shall be prepared and submitted to the District Bureau of Operations for future reference.
 No sonotubes or decomposable forms shall be used below the lower conduit entrance. Permanent metal forms or other shielding may not be left in place below that elevation without the Engineer's written permission.
 Concrete shall be placed monolithically, without construction joints. Backfill shall be placed per Article 502 of Standard Specification and prior to erection of support column.
 A normal surface finish followed by a Concrete Sealer application will be required on concrete surfaces above the lowest elevation 6" below finished ground line. Cost included in Drilled Shaft Concrete Foundation.



Structure Number	Station	Left Foundation				Right Foundation				Class DS Concrete (Cu. Yds.)
		Elevation Top	Elevation Bottom	B	F	Elevation Top	Elevation Bottom	B	F	
IS0991080R133.1	716+50	577.20	555.84*	16'-6"	21'-4 3/8"	-	-	-	-	16.5
IS0991080L133.7	754+00	593.58	568.46*	16'-6"	25'-1 1/2"	-	-	-	-	23.1

* In case of rock encountered, socket into rock to the specified elevation.

USER NAME = default
 PLOT SCALE = *SCALE*
 PLOT DATE = 6/24/2020
 FILE NAME = D160W34-sht-sign05-11.dgn

DESIGNED - YC
 DRAWN - RMH
 CHECKED - AK
 DATE - 6/25/2020

REVISED -
 REVISED -
 REVISED -
 REVISED -



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

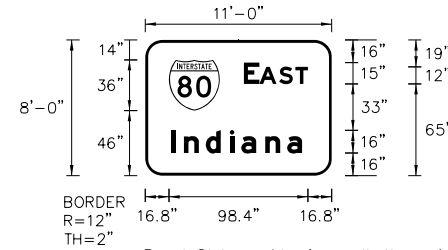
EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
 OVERHEAD SIGN STRUCTURES
 MEDIAN SUPPORT FOUNDATION DETAILS

SCALE: SHEET 11 OF 11 SHEETS STA. TO STA.

F.A.I. RTE. SECTION COUNTY TOTAL SHEETS SHEET NO.
 80 2013-008B WILL 511 183
 CONTRACT NO. 60W34
 ILLINOIS FED. AID PROJECT

SIGN NAME	STATION	OFFSET	SIGN DESCRIPTION	EXISTING PANEL DIMENSIONS		PROPOSED PANEL DIMENSIONS		REMOVE SIGN PANEL-	REMOVE SIGN PANEL-	REMOVE SIGN PANEL ASSEMBLY-	REMOVE SIGN PANEL ASSEMBLY-	MILE POST MARKER ASSEMBLY	SIGN PANEL-	SIGN PANEL-	SIGN PANEL-	WOOD SIGN SUPPORT	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	CONCRETE FOUNDATIONS	TELESCOPING STEEL SIGN SUPPORT	BASE FOR TELESCOPING STEEL SIGN SUPPORT
				WIDTH (FT)	HEIGHT (FT)	WIDTH (FT)	HEIGHT (FT)	TYPE 2 (SQ FT)	TYPE 3 (SQ FT)	TYPE A (EACH)	TYPE B (EACH)	(EACH)	TYPE 1 (SQ FT)	TYPE 2 (SQ FT)	TYPE 3 (SQ FT)	(FT)	(POUND)	CUYD	(FT)	(EACH)
EB-TR-133A	719+50		I-80 EAST INDIANA	11	8	11	8		88						88					
EB-TR-133B	719+50		BRIGGS ST 1 1/2 MILES	14	6.5	13.5	6.5		91						87.75					
EB-TR-133B	719+50		EXIT 134			11	2.5							27.5						
EB TR 133C	719+50		RICHARDS ST EXIT ONLY	16	8	15.5	7		128						108.5					
EB-TR-133C	719+50		EXIT 133	9.5	2.5	11	2.5	23.75						27.5						
EB-WP-133D	724+80	RT	EXIT 133	8	5	7.5	5		40						37.5	34				
RICH-TS-NB		RT	LOW CLEARANCE 14' 1"			3	3						9						13	1
RICH-TS-NB		RT	AHEAD			2	1						2							
RICH-TS-SB		RT	LOW CLEARANCE 14' 1"			3	3						9						13	1
RICH-TS-SB		RT	AHEAD			2	1						2							
EB-WP-133F	738+00	RT	MERGE	4	4	4	4	16						16	16					
WB-WP-132A	738+30	LT	CHICAGO ST 3/4 MILE	18.5	15.5	15	10		287					150	40					
WB-WP-132A	738+30	LT	EXIT 132			11	2.5							27.5						
EB-WP-133G	741+15	RT	MILE MARKER 133.5	1	4	1	4			1		1								
WB-MP-133J	742+60	LT	RICHARDS ST EXIT	23.5	8.5	15.5	8		200						124		500	2		
WB-MP-133J	742+60	LT	EXIT 133			11	2.5							27.5						
WB-WP-132B	750+60	LT	CHICAGO ST 1 MILE	18.5	15.5	14.5	10		287						145	40				
WB-WP-132B	750+60	LT	EXIT 132			11	2.5							27.5						
EB-WP-133H	753+32	RT	SPEED LIMIT	4	8	4	8		32						32	20				
WB-WP-133K	753+40	LT	RICHARDS ST 1/4 MILE	19.5	10.5	15.5	6.5		205						100.75	40				
WB-WP-133K	753+40	LT	EXIT 133			11	2.5							27.5						
EB-WP-133I	755+00	RT	CAMPING	10	4.5	7.5	4.5		45						33.75	33				
EB-WP-133J	759+95	RT	ROWELL AVE	11	7	9.5	6.5		77						67.75	38				
EB-WP-134A	767+75	RT	MILE MARKER 134.0	1	4	1	4			1		1								
EB-WP-134B	772+50	RT	BRIGGS ST 1/2 MILE	16.5	8	13	7		132						91	40				
EB-WP-134B	772+50	RT	EXIT 134	9.5	2.5	11	2.5	23.75						27.5						
EB-WP-134C	783+35	RT	HOSPITAL	2.5	5	2.5	5	12.5			1			12.5	17					

SIGN DETAIL
1:100



Panel Style: guide_fw_pull-thru.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: guide_fw_pull-thru.ssi
Dimensions are in inches, tenths

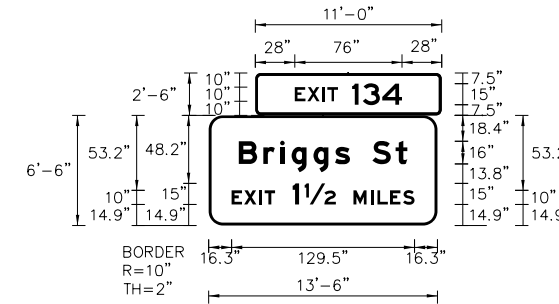
Letter locations are panel edge to lower left corner

SIGN NUMBER	EB-TR-133A
WIDTH x HGHT.	11'-0" x 8'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ COLOR: Green
LEGEND/BORDER	TYPE: ZZ COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
M1	0	19.7	46	36	36

LETTER POSITIONS (X)		LENGTH	SERIES/SIZE					
E	A	S	T		EM 2000			
69.8	80.9	94.8	106.3		45.4 15, 12			
I	N	D	I	A	N	A		EM 2000
18.7	27.4	42.9	59.8	68	85	100.5		92.3 16/12

SIGN DETAIL
1:100



Panel Style: guide_exp_overhead.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: guide_exp_overhead.ssi
Dimensions are in inches, tenths

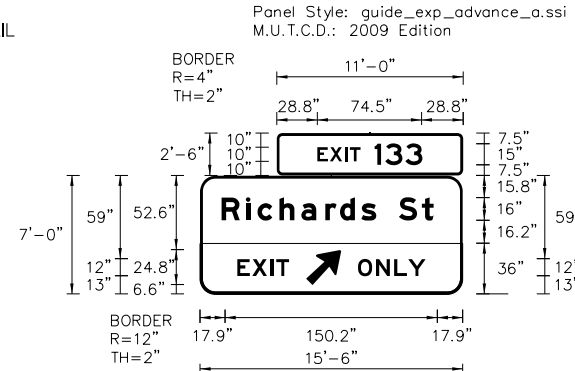
Letter locations are panel edge to lower left corner

SIGN NUMBER	EB-TR-133B
WIDTH x HGHT.	13'-6" x 6'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ COLOR: Green
LEGEND/BORDER	TYPE: ZZ COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
--------	-----	---	---	-----	----

LETTER POSITIONS (X)		LENGTH	SERIES/SIZE								
E	X	I	T								EM 2000
28	36.9	47.6	51.1	68.6	76.1	89.9					76.0 10, 15
B	r	i	g	g	s		S	t			EM 2000
23.1	38.8	50.6	58.8	74.3	89.5	100	116	132.4			119.4 16/12
E	X	I	T								EM 2000
16.3	25.1	35.9	39.7								30.8 10
1	12										EM 2000
59.6	68.1										30.5 15
M	I	L	E	S							EM 2000
102.5	114.6	119.4	128.4	137.6							43.2 10

SIGN DETAIL
1:100



Panel Style: guide_exp_advance_a.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: guide_fw_overhead.ssi
Dimensions are in inches, tenths

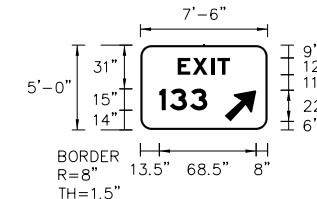
Letter locations are panel edge to lower left corner

SIGN NUMBER	EB-TR-133C
WIDTH x HGHT.	11'-0" x 7'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: ZZ COLOR: Green/Yellow
LEGEND/BORDER	TYPE: ZZ COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
AR_Type A	315	78.3	14.9	18.25	35.67

LETTER POSITIONS (X)		LENGTH	SERIES/SIZE								
E	X	I	T	1	3	3					EM 2000
28.8	37.7	48.4	51.9	69.4	76.9	91.1					74.5 10, 15
R	I	c	h	a	r	d	s	S	t		EM 2000
22.3	39.6	47.8	63.3	78.8	95.8	106.2	121.4	131.9	147.9	164.2	150.2 16/12
E	X	I	T								EM 2000
26.3	37	49.8	54								36.7 12
O	N	L	Y								EM 2000
111.8	124.7	137.5	147.5								47.9 12

SIGN DETAIL
1:84



Panel Style: guide_fw_gore.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: guide_fw_gore.ssi
Dimensions are in inches, tenths

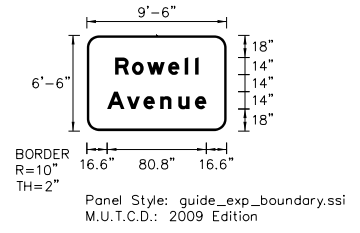
Letter locations are panel edge to lower left corner

SIGN NUMBER	EB-WP-133D
WIDTH x HGHT.	7'-6" x 5'-0"
BORDER WIDTH	1.25"
CORNER RADIUS	8"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ COLOR: Green
LEGEND/BORDER	TYPE: ZZ COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
AR_Type A	315	67.5	9.5	18.25	29.25

LETTER POSITIONS (X)		LENGTH	SERIES/SIZE								
E	X	I	T								EM 2000
26.5	37.1	50.1	54.6								37 12
1	3	3									EM 2000
13.5	20.8	35.2									33.9 15

SIGN DETAIL
1:100



SIGN NUMBER	EB-WP-133J
WIDTH x HGHT.	9'-6" x 6'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ COLOR: Green
LEGEND/BORDER	TYPE: ZZ COLOR: White/White

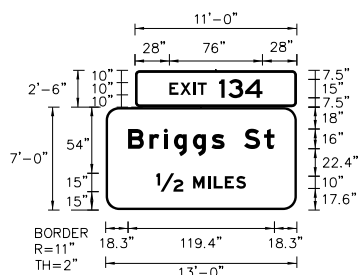
SYMBOL	ROT	X	Y	WID	HT

Panel Style: guide_exp_boundary.ssi
Dimensions are in inches, tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)						LENGTH	SERIESSIZE
R	o	w	e	l	l		EM 2000
23	36.8	49.2	66.2	79.8	88.2	68	1410.5
A	v	e	n	u	e		EM 2000
16.6	32.6	46.2	59.7	74.6	88.2	80.8	1410.5

SIGN DETAIL
1:100



SIGN NUMBER	EB-WP-134B
WIDTH x HGHT.	13'-0" x 7'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ COLOR: Green
LEGEND/BORDER	TYPE: ZZ COLOR: White/White

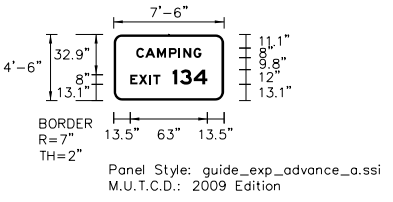
SYMBOL	ROT	X	Y	WID	HT

Panel Style: guide_fwy_advance_a.ssi
Dimensions are in inches, tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)						LENGTH	SERIESSIZE			
E	X	I	T	1	3	4	EM 2000			
28	36.9	47.6	51.1	68.6	76.1	89.9	76	10.15		
B	r	i	g	g	s	S	t	EM 2000		
18.3	35.8	47.6	55.8	71.3	86.5	97	113	129.4	119.4	1612
12	M	I	L	E	S			EM 2000		
41.4	71.4	83.5	88.3	97.3	106.5			73.2	15.10	

SIGN DETAIL
1:100



SIGN NUMBER	EB-WP-133I
WIDTH x HGHT.	7'-6" x 4'-6"
BORDER WIDTH	1.25"
CORNER RADIUS	9"
MOUNTING	Ground
BACKGROUND	TYPE: AP COLOR: Blue
LEGEND/BORDER	TYPE: ZZ COLOR: White/White

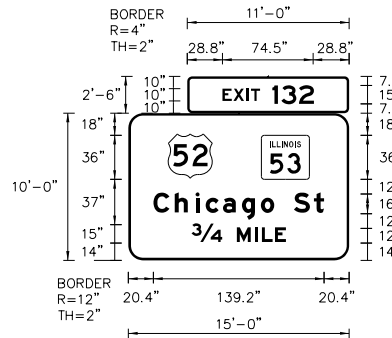
SYMBOL	ROT	X	Y	WID	HT

Panel Style: guide_fwy_general-services.ssi
Dimensions are in inches, tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)						LENGTH	SERIESSIZE	
C	A	M	P	I	N	G	EM 2000	
18.4	25.8	35.3	45	52.9	56.8	65.2	53.3	8
E	X	I	T				EM 2000	
13.5	20.6	29.2	32.2				24.7	8
1	3	4					EM 2000	
48.2	54	65.3					28.3	12

SIGN DETAIL
1:100



SIGN NUMBER	WB-WP-132A
WIDTH x HGHT.	15'-0" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ COLOR: Green
LEGEND/BORDER	TYPE: ZZ COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

Panel Style: guide_fwy_advance_a.ssi
Dimensions are in inches, tenths

Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)						LENGTH	SERIESSIZE				
E	X	I	T	1	3	2	EM 2000				
28.8	37.7	48.4	51.9	69.4	76.9	91.1	74.5	10.15			
C	h	i	c	a	g	o	S	t	EM 2000		
20.4	37.8	54.8	63	77	92.6	108.1	119	135	151.3	139.2	1612
34	M	I	L	E					EM 2000		
51.5	88.5	103	108.8	119.6					76.9	15.12	

USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -
	DRAWN - JAC	REVISED -
PLOT SCALE = *SCALE*	CHECKED - MJP	REVISED -
PLOT DATE = 6/24/2020	DATE - 6/25/2020	REVISED -



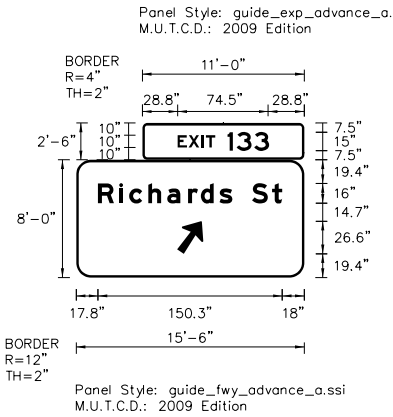
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
SIGNING DETAIL

SCALE: N/A SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	186
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

SIGN DETAIL
1:100



SIGN NUMBER	WB-MP-133J
WIDTH x HGHT.	15'-6" x 8'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ
LEGEND/BORDER	TYPE: ZZ
LEGEND/BORDER	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

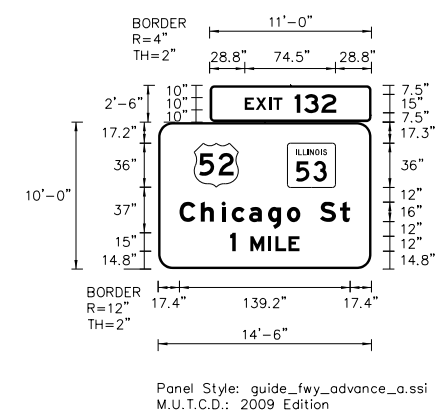
Panel Style: guide_exp_advance_a.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: guide_fw_advance_a.ssi
M.U.T.C.D.: 2009 Edition

Dimensions are in inches tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)														LENGTH	SERIESSIZE
E	X	I	T	1	3	3									EM 2000
28.8	37.7	48.4	51.9	69.4	76.9	91.1									74.5 10.15
R	I	c	h	a	r	d	s	S	t						EM 2000
17.8	35	43.2	58.7	74.2	91.2	101.6	116.8	127.4	143.4	159.7					150.3 1612

SIGN DETAIL



SIGN NUMBER	WB-WP-132B
WIDTH x HGHT.	14'-6" x 10'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ
LEGEND/BORDER	TYPE: ZZ
LEGEND/BORDER	COLOR: Green/Yellow
LEGEND/BORDER	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

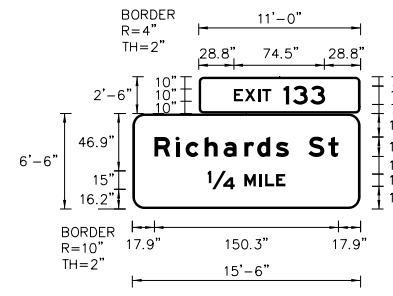
Panel Style: guide_fw_advance_a.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: guide_fw_advance_a.ssi
M.U.T.C.D.: 2009 Edition

Dimensions are in inches tenths
Letter locations are panel edge to lower left corner

LETTER POSITIONS (X)														LENGTH	SERIESSIZE
E	X	I	T	1	3	2									EM 2000
28.8	37.7	48.4	51.9	69.4	76.9	91.1									74.5 10.15
C	h	i	c	a	g	o	S	t							EM 2000
17.4	34.8	51.8	60	74	89.6	105.1	116	132	148.3						139.2 1612
1	M	I	L	E											EM 2000
58.8	75.3	89.8	95.6	106.1											58.5 15.12

SIGN DETAIL



SIGN NUMBER	WB-WP-133K
WIDTH x HGHT.	15'-6" x 6'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ
LEGEND/BORDER	TYPE: ZZ
LEGEND/BORDER	COLOR: Green/Yellow
LEGEND/BORDER	COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT

Panel Style: guide_fw_advance_a.ssi
M.U.T.C.D.: 2009 Edition

Panel Style: guide_fw_advance_a.ssi
M.U.T.C.D.: 2009 Edition

Dimensions are in inches tenths

LETTER POSITIONS (X)														LENGTH	SERIESSIZE
E	X	I	T	1	3	3									EM 2000
28.8	37.7	48.4	51.9	69.4	76.9	91.1									74.5 10.15
R	I	c	h	a	r	d	s	S	t						EM 2000
17.8	35.2	43.3	58.8	74.4	91.3	101.7	116.9	127.5	143.5	159.8					150.3 1612
1	M	I	L	E											EM 2000
61.4	91.3	103.4	108.2	117.2											63.3 15.10

USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -
	DRAWN - JAC	REVISED -
PLOT SCALE = *SCALE*	CHECKED - MJP	REVISED -
PLOT DATE = 6/24/2020	DATE - 6/25/2020	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
SIGNING DETAIL

SCALE: N/A	SHEET 4 OF 5 SHEETS	STA. TO STA.
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F.A.I. RTE. 80	SECTION 2013-008B	COUNTY WILL	TOTAL SHEETS 511	SHEET NO. 187
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				



W12-2
36" X 36"



W4-1
48" X 48"



12" X 48"



R2-4A
48" X 96"



12" X 48"

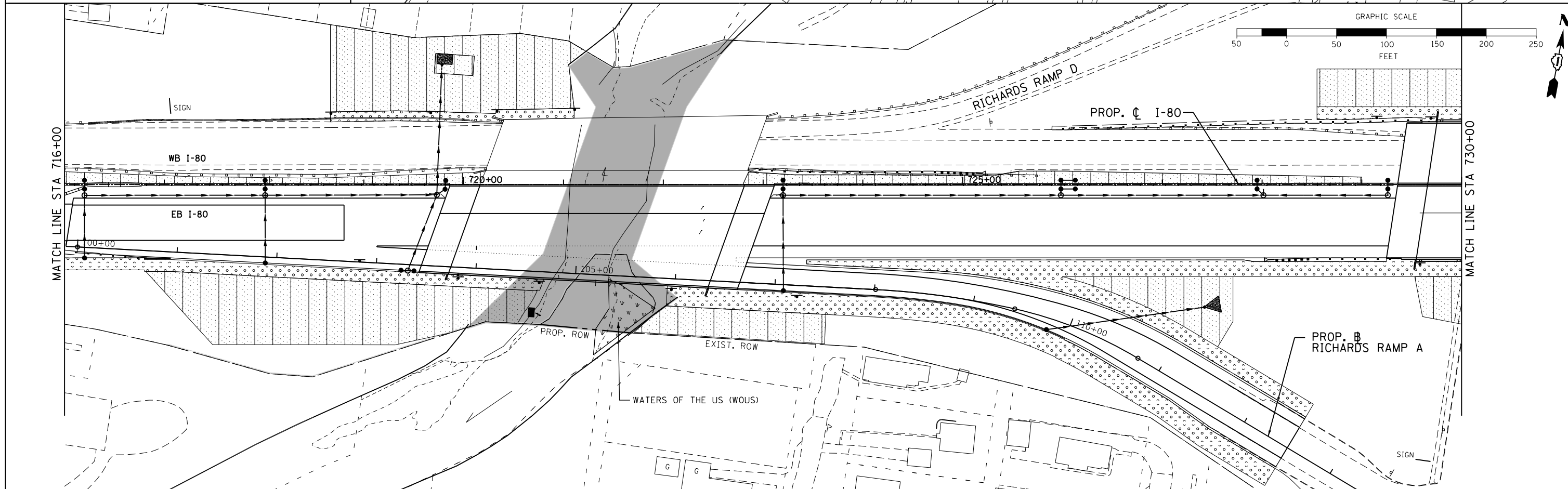
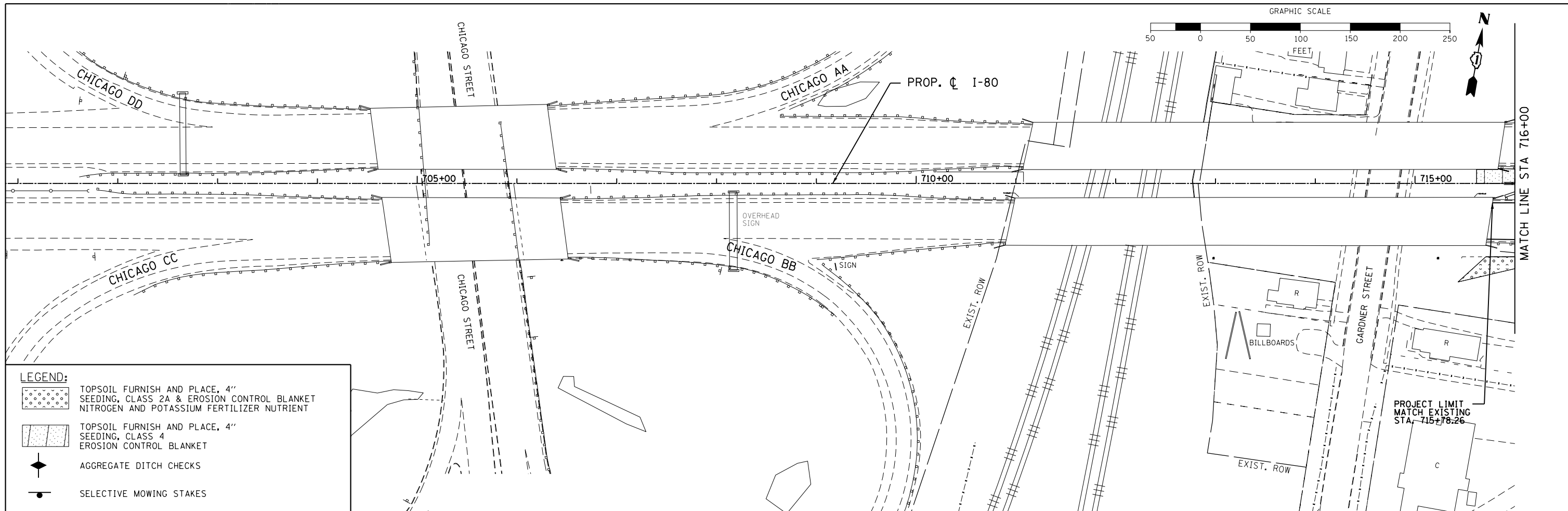


30" X 60"



24" X 12"

NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION	NAME	STATION
RICH-TS-NB	RICHARDS ST AT RAMP B	EB-WP-133F	738+00	EB-WP-133G	741+15	EB-WP-133H	753+32	EB-WP-134A	767+75	EB-WP-134C	783+35	RICH-TS-NB	RICHARDS ST AT RAMP B
RICH-TS-SB	RICHARDS ST AT RAMP D											RICH-TS-SB	RICHARDS ST AT RAMP D



USER NAME = Bentley-Civil
 PLOT SCALE = *SCALE*
 PLOT DATE = 6/26/2020
 FILE NAME = D160W34-sht-landscp01.dgn

DESIGNED - JAC
 DRAWN - JAC
 CHECKED - MJP
 DATE - 6/25/2020

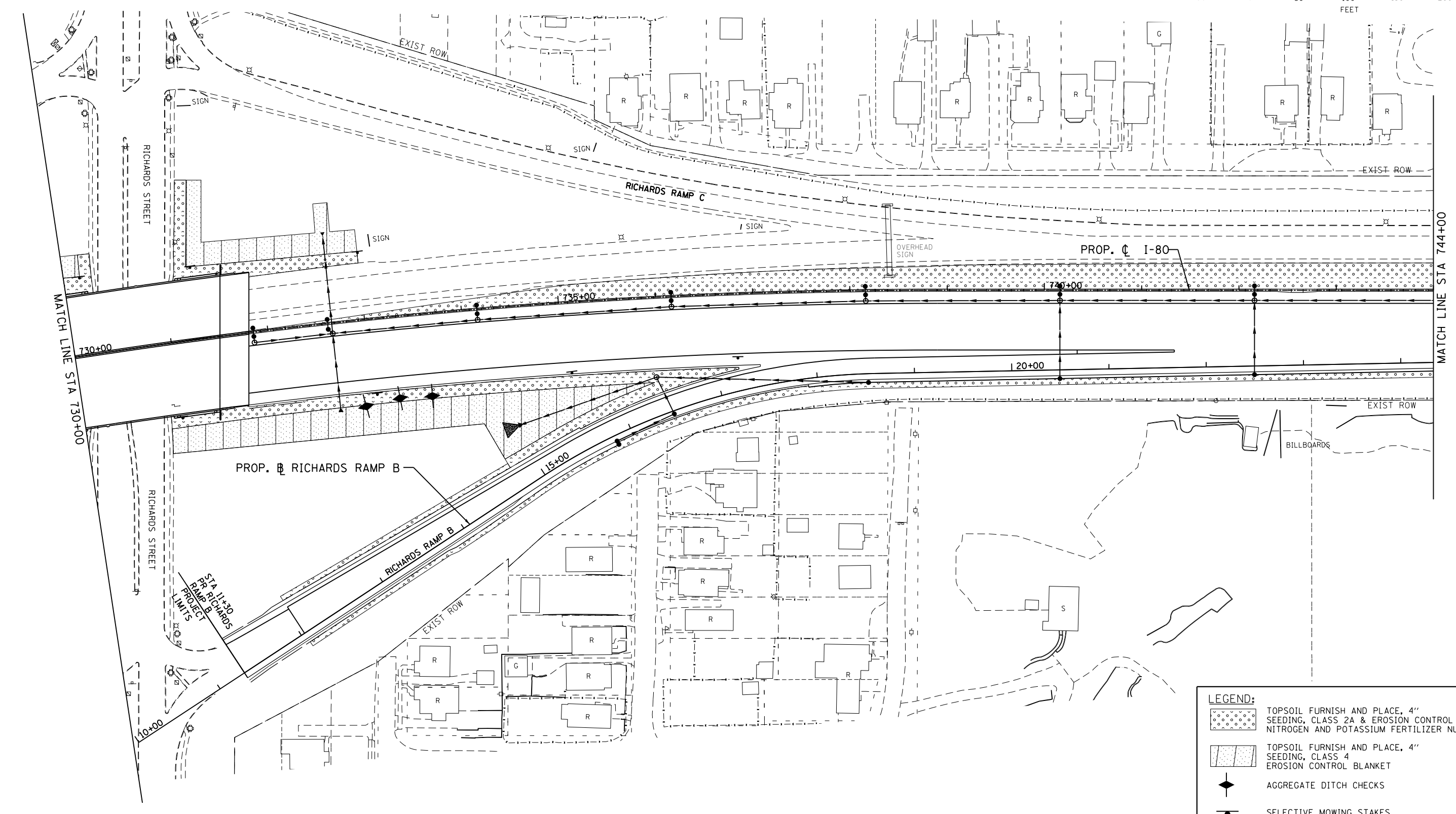
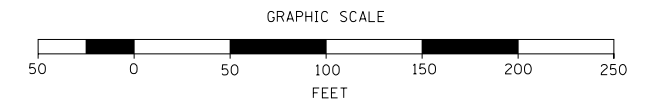
REVISED -
 REVISED -
 REVISED -
 REVISED -



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
 LANDSCAPING PLAN
 SCALE: 1" = 50'
 SHEET 1 OF 5 SHEETS
 STA. 702+00 TO STA. 730+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	189
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				



LEGEND:

	TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A & EROSION CONTROL BLANKET NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
	TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 4 EROSION CONTROL BLANKET
	AGGREGATE DITCH CHECKS
	SELECTIVE MOWING STAKES

USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -
PLOT SCALE = #SCALE#	DRAWN - JAC	REVISED -
PLOT DATE = 6/26/2020	CHECKED - MJP	REVISED -
FILE NAME = D160W34-sht-1ndscp02.dgn	DATE - 6/25/2020	REVISED -

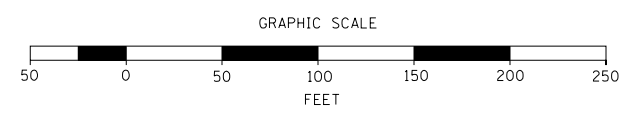
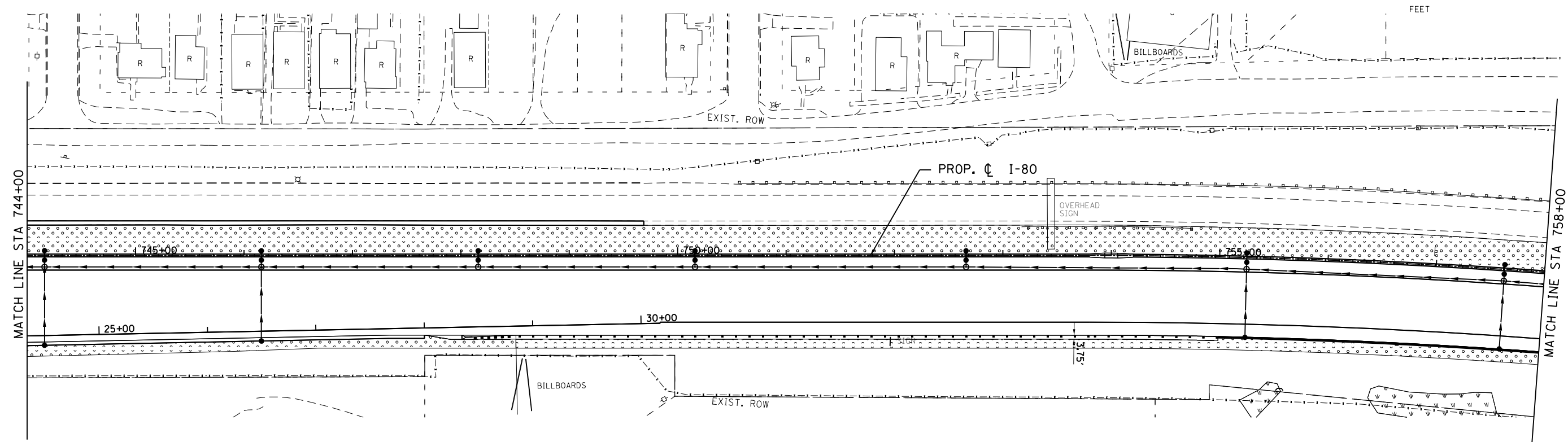
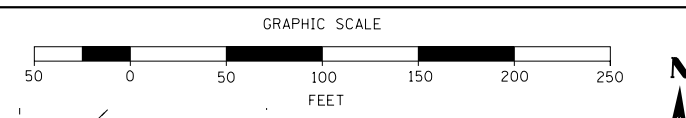


**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
LANDSCAPING PLAN**

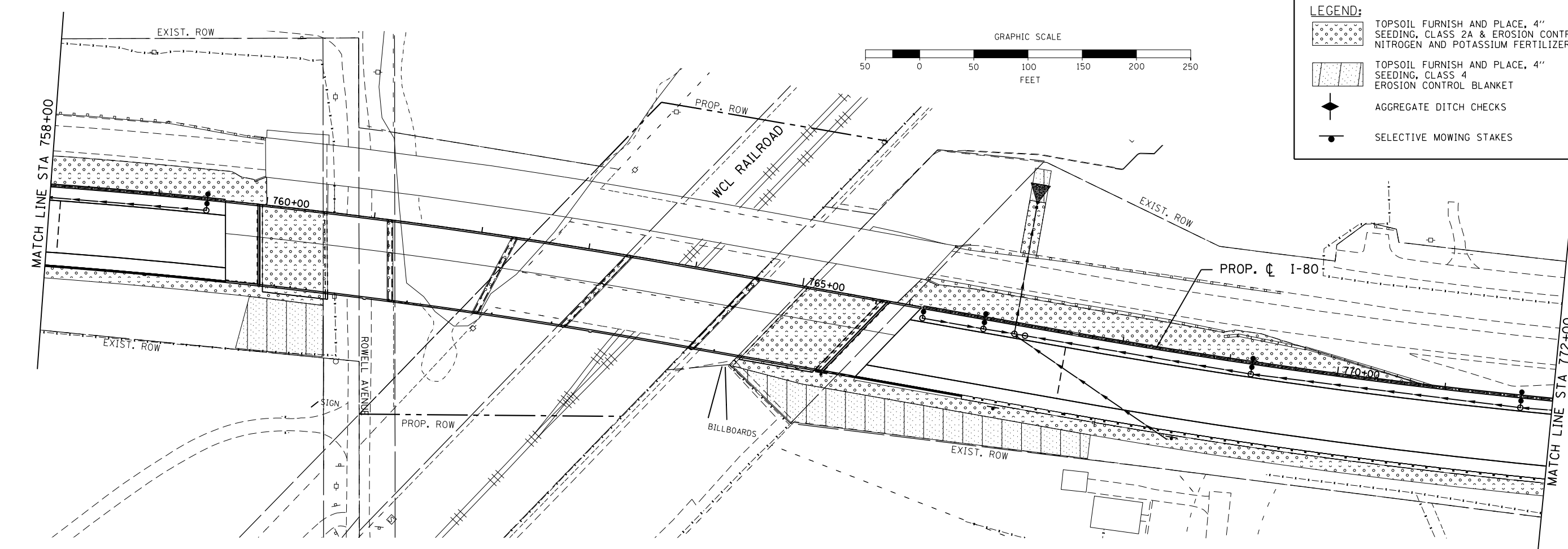
SCALE: 1" = 50' SHEET 2 OF 5 SHEETS STA. 730+00 TO STA. 744+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	190
			CONTRACT NO. 60W34	
ILLINOIS FED. AID PROJECT				



LEGEND:

- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A & EROSION CONTROL BLANKET NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
- TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 4 EROSION CONTROL BLANKET
- AGGREGATE DITCH CHECKS
- SELECTIVE MOWING STAKES



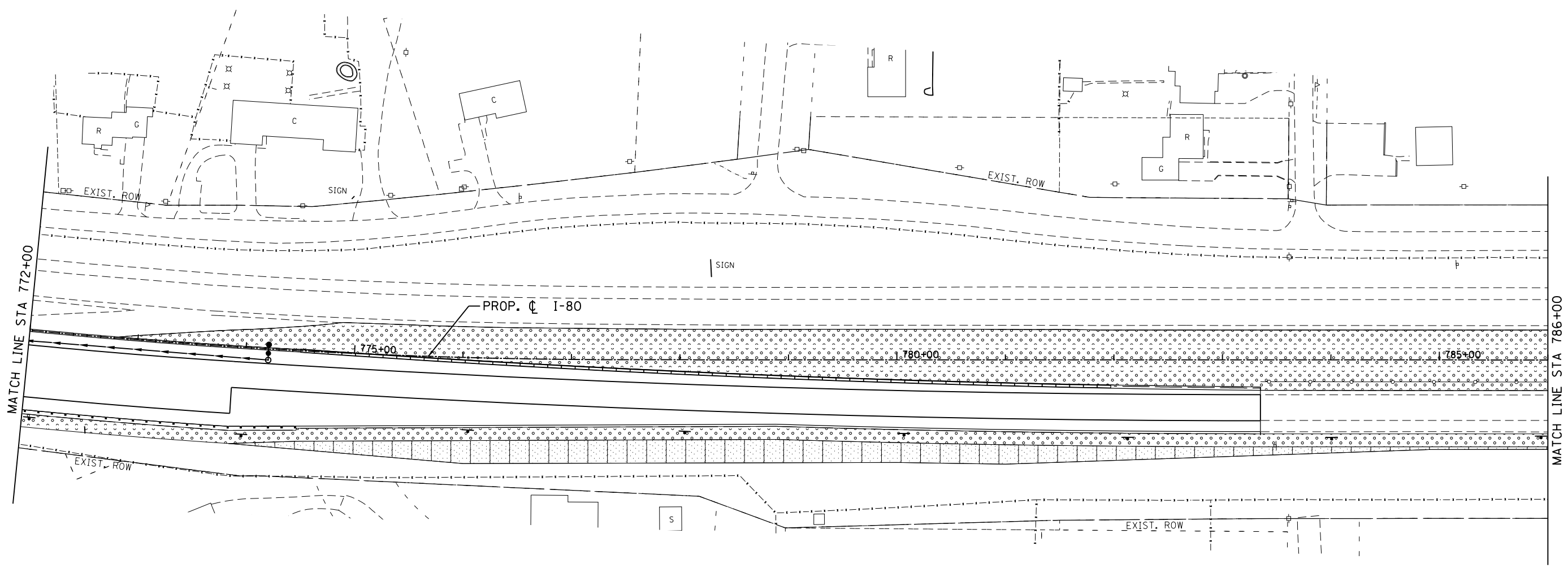
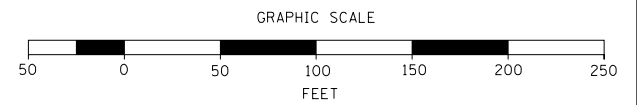
USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -
	DRAWN - JAC	REVISED -
PLOT SCALE = #SCALE#	CHECKED - MJP	REVISED -
PLOT DATE = 6/26/2020	DATE - 6/25/2020	REVISED -
FILE NAME = D160W34-sht-landscp03.dgn		



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
LANDSCAPING PLAN
SCALE: 1" = 50' SHEET 3 OF 5 SHEETS STA. 744+00 TO STA. 772+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	191
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				



LEGEND:

	TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A & EROSION CONTROL BLANKET NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
	TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 4 EROSION CONTROL BLANKET
	AGGREGATE DITCH CHECKS
	SELECTIVE MOWING STAKES

USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -
	DRAWN - JAC	REVISED -
PLOT SCALE = #SCALE#	CHECKED - MJP	REVISED -
PLOT DATE = 6/26/2020	DATE - 6/25/2020	REVISED -



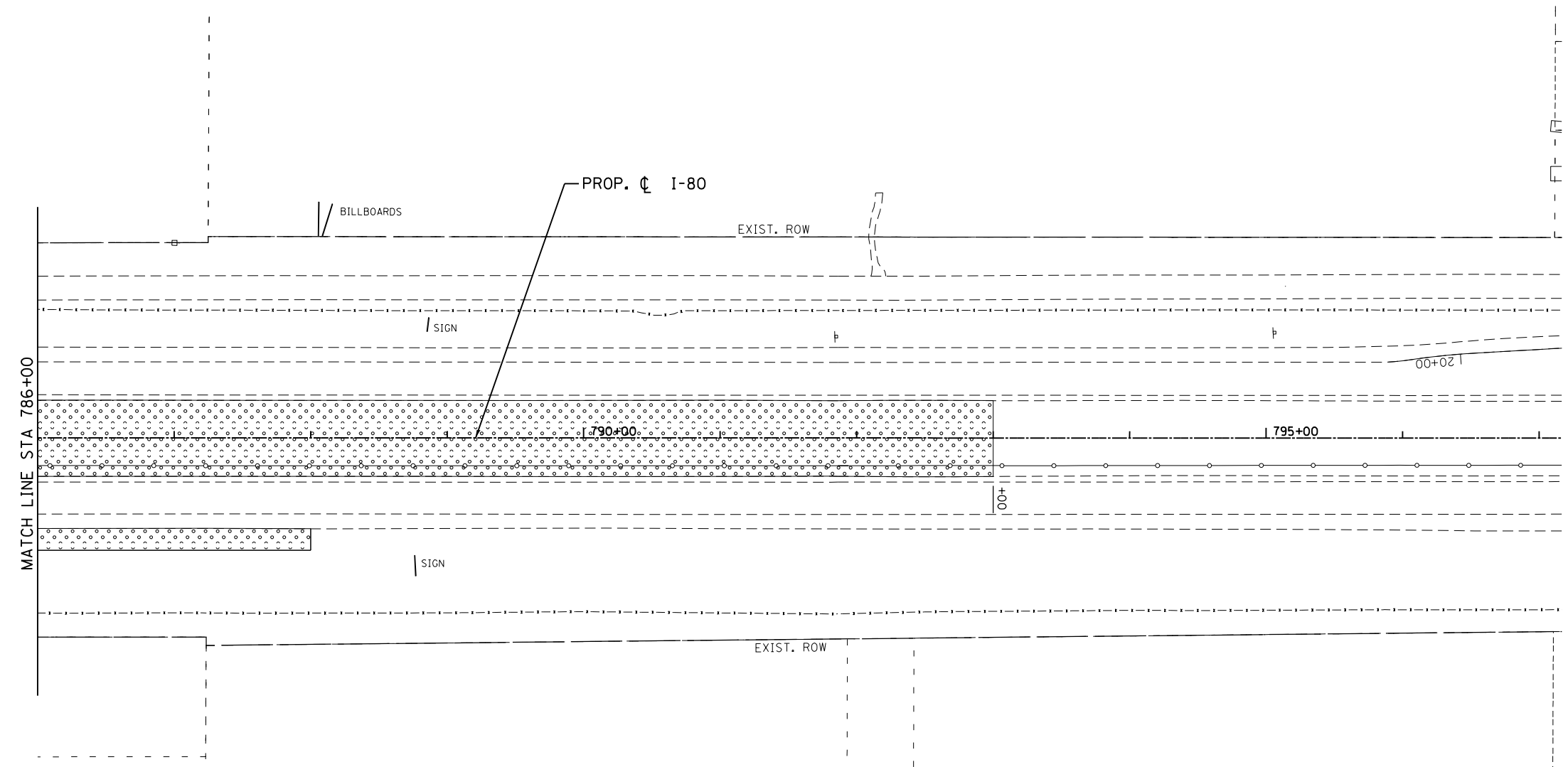
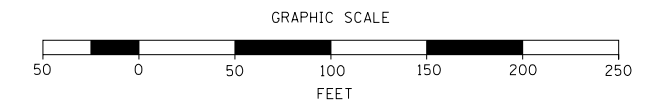
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
LANDSCAPING PLAN**





SCALE: 1" = 50' SHEET 4 OF 5 SHEETS STA. 772+00 TO STA. 786+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	192
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

FILE NAME = D160W34-sht-landscp04.dgn



LEGEND:

	TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 2A & EROSION CONTROL BLANKET NITROGEN AND POTASSIUM FERTILIZER NUTRIENT
	TOPSOIL FURNISH AND PLACE, 4" SEEDING, CLASS 4 EROSION CONTROL BLANKET
	AGGREGATE DITCH CHECKS
	SELECTIVE MOWING STAKES

USER NAME = Bentley-Civil	DESIGNED - JAC	REVISED -
	DRAWN - JAC	REVISED -
PLOT SCALE = #SCALE#	CHECKED - MJP	REVISED -
PLOT DATE = 6/26/2020	DATE - 6/25/2020	REVISED -












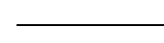
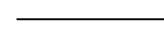
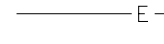
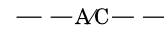
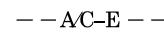










**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

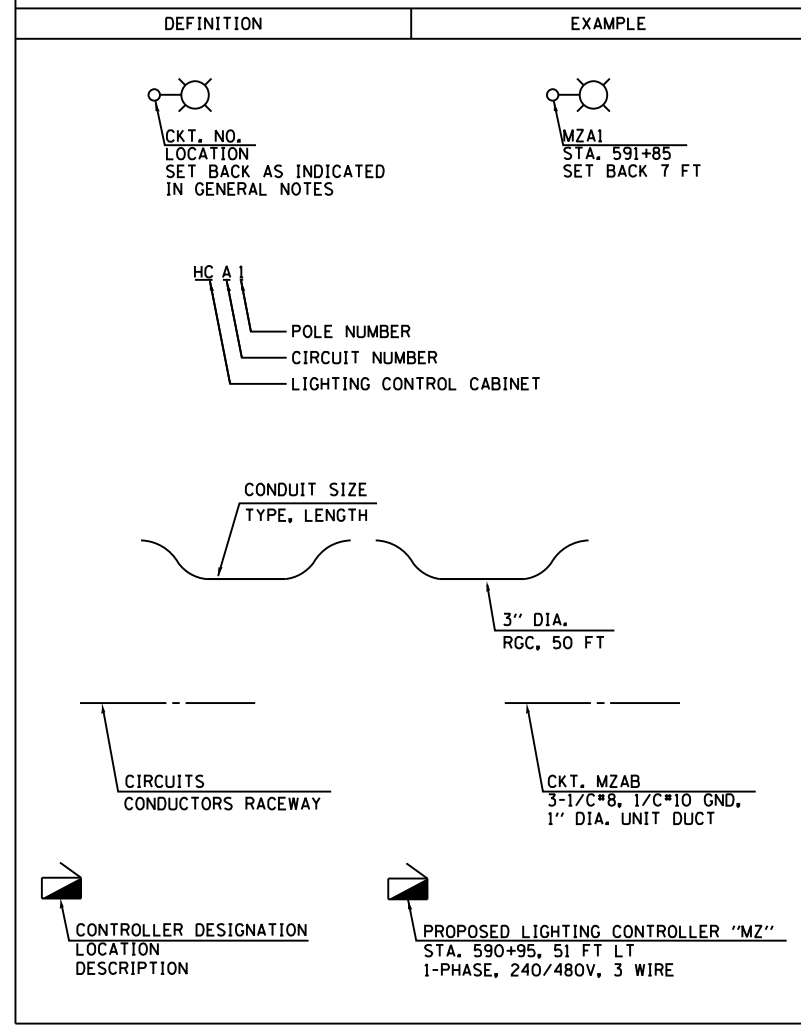
**EB I-80 FROM GARDNER STREET TO ROWELL AVENUE
LANDSCAPING PLAN**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	193
			CONTRACT NO. 60W34	
ILLINOIS FED. AID PROJECT				

IDOT LIGHTING LEGEND

-  PROPOSED SINGLE ARM LIGHTING UNIT 47.5' M.H., 15' M.A., WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H, TYPE M-C-III WITH TRANSFORMER BASE BREAKAWAY DEVICE, 240V
-  PROPOSED SINGLE ARM LIGHTING UNIT (WALL MOUNT) 47.5' M.H., 6' M.A., WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H, TYPE M-C-III, 240V
-  TEMPORARY LIGHTING UNIT, 60' WOOD POLE, 50' M.H., 15' M.A., WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H, TYPE M-C-III (UNLESS NOTED OTHERWISE), WIRED FOR 240V OR 480V PER PLANS
-  RETROFIT EXISTING SINGLE ARM LIGHTING UNIT TO REMAIN IN PLACE WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H, TYPE M-C-III, 240V
-  EXISTING TEMPORARY LIGHTING UNIT TO REMAIN IN PLACE
-  EXISTING SINGLE ARM LIGHTING UNIT TO BE REMOVED AND SALVAGED
-  EXISTING SINGLE ARM LIGHTING UNIT TO REMAIN IN PLACE
-  EXISTING UNDERPASS LUMINAIRE TO REMAIN IN PLACE
-  EXISTING UNDERPASS LUMINAIRE TO BE REMOVED, NO SALVAGE
-  PROPOSED UNDERPASS LUMINAIRE, LED, UNDERPASS, WALL MOUNTED, OUTPUT DESIGNATION E, 240V
-  PROPOSED JUNCTION BOX SIZE AND TYPE PER PLANS
-  UNDERGROUND RIGID GALVANIZED STEEL CONDUIT (RGC) SIZE AS INDICATED
-  UNIT DUCT, AS SPECIFIED IN PLANS
-  EXISTING CABLE AND CONDUIT TO REMAIN IN PLACE
-  AERIAL CABLE, AS SPECIFIED IN PLANS
-  EXISTING AERIAL CABLE
-  PROPOSED LIGHTING CONTROLLER DUPLEX TYPE WITH SCADA, BASE MOUNTED 240/480V, 200 AMP., SINGLE PHASE, 3 WIRE
-  EXISTING LIGHTING CONTROLLER
-  EXISTING ELECTRIC SERVICE LOCATION
-  GROUND ROD, 5/8" X 10 FT
-  WOOD POLE, 60 FT, CLASS 4 (UNLESS NOTED OTHERWISE)
-  PROPOSED HANDHOLE
-  EXISTING HANDHOLE
-  TEMPORARY LIGHTING UNIT 80' WOOD POLE, 70' M.H., 15' M.A., WITH LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION I, TYPE M-C-II (UNLESS NOTED OTHERWISE), WIRED FOR 240V OR 480V PER PLANS

CALL-OUT SAMPLES



GENERAL NOTES:

1. LIGHT POLE SET BACKS ARE MEASURED FROM EDGE OF TRAVELED PAVEMENT TO CENTER OF POLE.
2. OFFSETS FOR TEMPORARY LIGHT POLES ARE MEASURED FROM ROADWAY CENTERLINE TO CENTER OF POLE.
3. NO LIGHT POLE SHALL BE ERRECTED UNTIL THE FOUNDATION HAS CURED PER ARTICLE 1020.13 OF THE STANDARD SPECIFICATIONS.
4. WHEREVER TEMPORARY AERIAL CABLE IS REQUIRED TO CROSS AN EXISTING OR PROPOSED ROADWAY, THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF 20 FEET OF VERTICAL CLEARANCE OVER THE ROADWAY AT ALL TIMES.
5. THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, LATEST EDITION.
6. THE ASSOCIATED POLES, ARMS, LUMINAIRES, AND BREAKAWAY DEVICES FROM EXISTING LIGHTING UNITS TO BE REMOVED SHALL BE SALVAGED TO IDOT. THIS WORK WILL BE PAID FOR AS "REMOVAL OF LIGHTING UNIT, SALVAGE." THE EXISTING UNDERPASS LUMINAIRES TO BE REMOVED SHALL NOT BE SALVAGED. THIS WORK WILL BE PAID FOR AS "REMOVAL OF LIGHTING UNIT, NO SALVAGE."
7. ALL NEW UNIT DUCTS, CONDUITS, JUNCTION BOXES, AND APPURTENANCES ARE ILLUSTRATED DIAGRAMMATICALLY ON THE PLANS. THE ACTUAL LOCATIONS IN THE FIELD SHALL MEET WITH THE APPROVAL OF THE ENGINEER.
8. UNIT DUCT CASINGS UNDER PAVEMENT SHALL EXTEND 2 FT BEYOND THE EDGE OF SHOULDER OR BACK OF CURB, AS APPLICABLE.
9. REMOVAL OF EXISTING CONDUIT/CABLE ATTACHED TO STRUCTURES TO BE REMOVED IS INCLUDED IN THE PRICE OF STRUCTURE REMOVAL.
10. 20" X 13" X 12" NON-METALLIC JUNCTION BOXES EMBEDDED IN MEDIAN BARRIER WILL BE PAID FOR AS "JUNCTION BOX EMBEDDED IN STRUCTURE, SPECIAL."

IDOT LIGHTING SCHEDULE OF QUANTITIES

ITEM	UNIT	QUANTITY
ROCK EXCAVATION FOR STRUCTURES	CU YD	2
ELECTRIC SERVICE INSTALLATION	EACH	1
ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	702
UNDERGROUND CONDUIT, PVC, 4" DIA.	FOOT	116
CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	820
CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	54
CONDUIT EMBEDDED IN STRUCTURE, 2" DIA., PVC	FOOT	5,056
CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC	FOOT	4,706
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	8
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	2
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	10
JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	1
UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	7,923
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	3,678
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	2,506
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	7,284
ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C 350MCM	FOOT	141
AERIAL CABLE, 2-1/C NO. 2 WITH MESSENGER WIRE	FOOT	6,620
AERIAL CABLE, 3-1/C NO. 2 WITH MESSENGER WIRE	FOOT	1,777
LUMINAIRE, LED, ROADWAY, OUTPUT DESIGNATION H	EACH	50
LUMINAIRE, LED, WALLMOUNT, OUTPUT DESIGNATION E	EACH	8
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 6 FT. MAST ARM	EACH	6
LIGHT POLE, ALUMINUM, 47.5 FT. M.H., 15 FT. MAST ARM	EACH	29
LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	14
LIGHT POLE, WOOD, 80 FOOT, CLASS 3, WITH 15FT MAST ARM	EACH	10
LIGHT POLE FOUNDATION, METAL, 15" BOLT CIRCLE, 10" X 8"	EACH	29
BREAKAWAY DEVICE, TRANSFORMER BASE, 15 INCH BOLT CIRCLE	EACH	28
REMOVAL OF TEMPORARY LIGHTING UNIT	EACH	10
REMOVAL OF LIGHTING UNIT, SALVAGE	EACH	25
REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	6
REMOVAL OF POLE FOUNDATION	EACH	23
REMOVAL OF LIGHTING CONTROLLER	EACH	2
REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1
REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	2
LIGHTING UNIT IDENTIFICATION DECAL	EACH	13
WOOD POLE, 60 FT, CLASS 4	EACH	9
JUNCTION BOX EMBEDDED IN STRUCTURE, SPECIAL	EACH	9
LIGHTING CONTROLLER, BASE MOUNTED, 480VOLT, 200AMP (DUAL), RADIO SCADA	EACH	1
LUMINAIRE SAFETY CABLE ASSEMBLY	EACH	50
MAINTENANCE OF LIGHTING SYSTEM	CAL MO	12
TEMPORARY LUMINAIRE, LED, HIGH MAST, HORIZONTAL MOUNT, OUTPUT DESIGNATION I	EACH	10
TEMPORARY LUMINAIRE, LED, HORIZONTAL MOUNT, OUTPUT DESIGNATION H	EACH	14
UNIT DUCT, 600V, 2-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/2" DIA. POLYETHYLENE	FOOT	1,160

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
AC	ALTERNATING CURRENT
A/C	AERIAL CABLE
AFG	ABOVE FINISHED GRADE
AMP	AMPERE
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CNC	COILABLE NONMETALLIC CONDUIT
CP	CONTROL PANEL
DIA.	DIAMETER
E	EXISTING UNIT TO REMAIN
ECA	ELECTRIC CABLE ASSEMBLY
FT	FEET OR FOOT
FU	FUSE
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
HMLT	HIGH MAST LIGHT TOWER
HPS	HIGH PRESSURE SODIUM
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
M.A.	MAST ARM
M.H.	MOUNTING HEIGHT
NO.	NUMBER
P	POLE
RGC	RIGID GALVANIZED CONDUIT
RGS	RIGID GALVANIZED STEEL
STA	STATION
T	TEMPORARY LIGHTING UNIT
TB	TRANSFORMER BASE
TMP	TEMPORARY
UD	UNIT DUCT
V	VOLT
W	WATT
WP	WOOD POLE
XFMR	TRANSFORMER

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PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -
FILE NAME = D180W34-Legend.dgn		



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-80 FROM GARDNER STREET TO ROWELL AVENUE
IDOT LIGHTING LEGEND AND SCHEDULE OF QUANTITIES**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	194
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

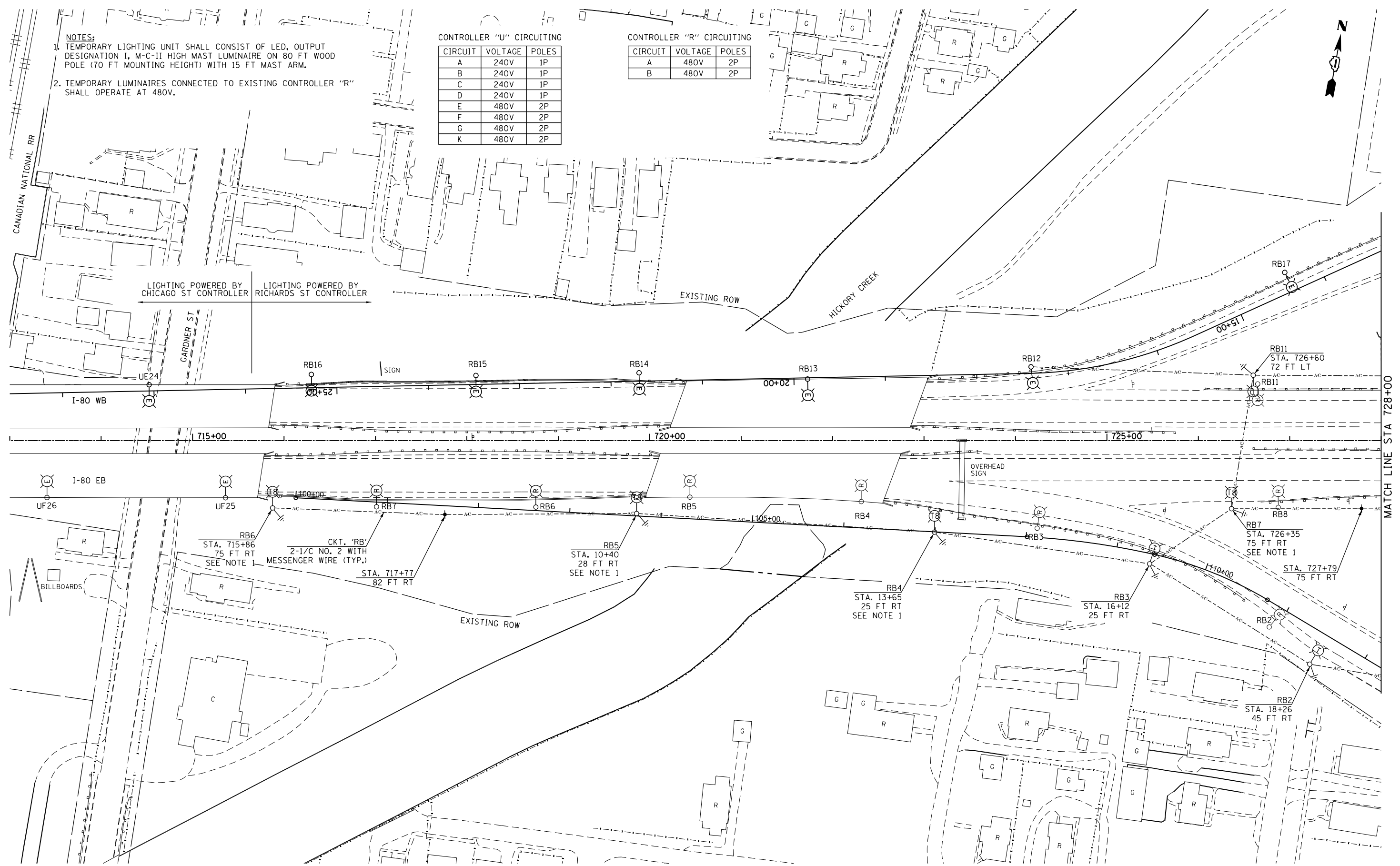
- NOTES:
- TEMPORARY LIGHTING UNIT SHALL CONSIST OF LED, OUTPUT DESIGNATION I, M-C-II HIGH MAST LUMINAIRE ON 80 FT WOOD POLE (70 FT MOUNTING HEIGHT) WITH 15 FT MAST ARM.
 - TEMPORARY LUMINAIRES CONNECTED TO EXISTING CONTROLLER "R" SHALL OPERATE AT 480V.

CONTROLLER "U" CIRCUITING

CIRCUIT	VOLTAGE	POLES
A	240V	1P
B	240V	1P
C	240V	1P
D	240V	1P
E	480V	2P
F	480V	2P
G	480V	2P
K	480V	2P

CONTROLLER "R" CIRCUITING

CIRCUIT	VOLTAGE	POLES
A	480V	2P
B	480V	2P



USER NAME = default	DESIGNED - MEK	REVISED -
	DRAWN - MRT	REVISED -
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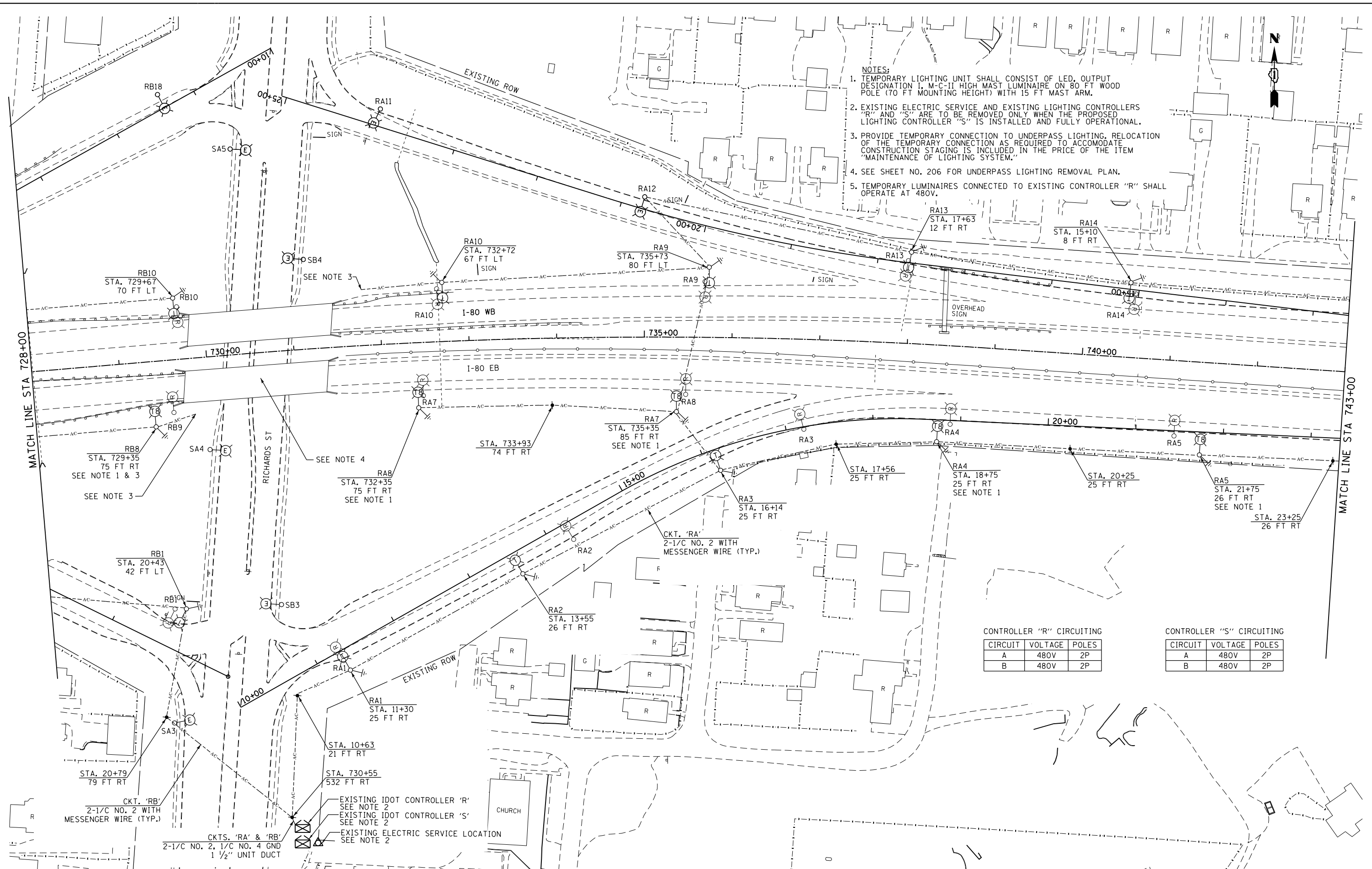


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 FROM GARDNER STREET TO ROWELL AVENUE
TEMPORARY LIGHTING AND REMOVAL PLAN
SCALE: 1"=50' SHEET 2 OF 4 SHEETS STA. 713+00 TO STA. 728+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	195
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

- NOTES:
- TEMPORARY LIGHTING UNIT SHALL CONSIST OF LED, OUTPUT DESIGNATION I, M-C-II HIGH MAST LUMINAIRE ON 80 FT WOOD POLE (70 FT MOUNTING HEIGHT) WITH 15 FT MAST ARM.
 - EXISTING ELECTRIC SERVICE AND EXISTING LIGHTING CONTROLLERS "R" AND "S" ARE TO BE REMOVED ONLY WHEN THE PROPOSED LIGHTING CONTROLLER "S" IS INSTALLED AND FULLY OPERATIONAL.
 - PROVIDE TEMPORARY CONNECTION TO UNDERPASS LIGHTING, RELOCATION OF THE TEMPORARY CONNECTION AS REQUIRED TO ACCOMMODATE CONSTRUCTION STAGING IS INCLUDED IN THE PRICE OF THE ITEM "MAINTENANCE OF LIGHTING SYSTEM."
 - SEE SHEET NO. 206 FOR UNDERPASS LIGHTING REMOVAL PLAN.
 - TEMPORARY LUMINAIRES CONNECTED TO EXISTING CONTROLLER "R" SHALL OPERATE AT 480V.



CONTROLLER "R" CIRCUITING

CIRCUIT	VOLTAGE	POLES
A	480V	2P
B	480V	2P

CONTROLLER "S" CIRCUITING

CIRCUIT	VOLTAGE	POLES
A	480V	2P
B	480V	2P

USER NAME = default	DESIGNED - MEK	REVISED -
	DRAWN - MRT	REVISED -
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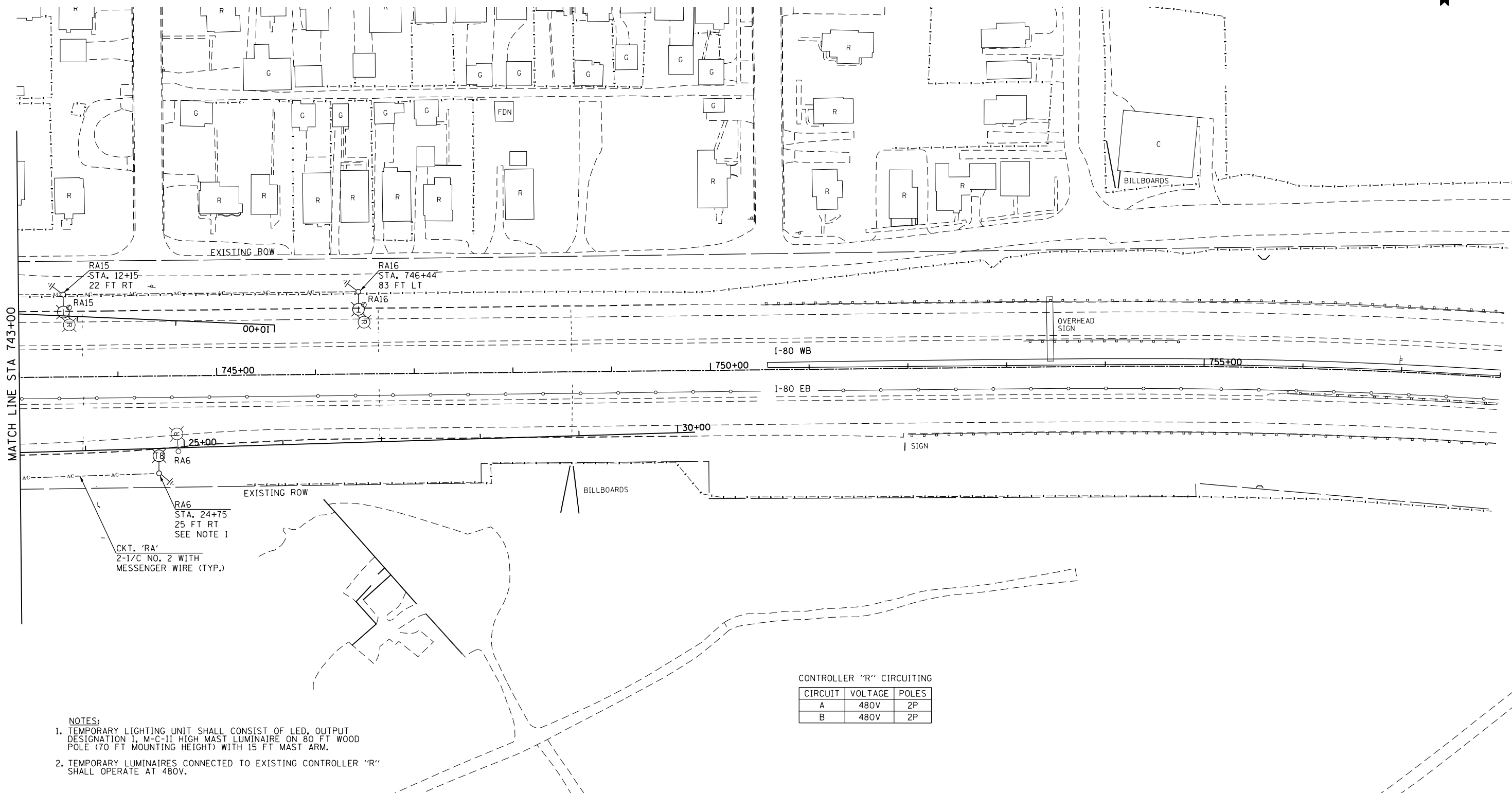


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 FROM GARDNER STREET TO ROWELL AVENUE
TEMPORARY LIGHTING AND REMOVAL PLAN

SCALE: 1"=50' SHEET 3 OF 4 SHEETS STA. 728+00 TO STA. 743+00

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	196
			CONTRACT NO. 60W34	
ILLINOIS FED. AID PROJECT				



- NOTES:
- TEMPORARY LIGHTING UNIT SHALL CONSIST OF LED, OUTPUT DESIGNATION I, M-C-II HIGH MAST LUMINAIRE ON 80 FT WOOD POLE (70 FT MOUNTING HEIGHT) WITH 15 FT MAST ARM.
 - TEMPORARY LUMINAIRES CONNECTED TO EXISTING CONTROLLER "R" SHALL OPERATE AT 480V.

CONTROLLER "R" CIRCUITING

CIRCUIT	VOLTAGE	POLES
A	480V	2P
B	480V	2P

USER NAME = default	DESIGNED - MEK	REVISED -
	DRAWN - MRT	REVISED -
PLOT SCALE = #SCALE#	CHECKED - MKR	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-80 FROM GARDNER STREET TO ROWELL AVENUE
TEMPORARY LIGHTING AND REMOVAL PLAN

SCALE: 1"=50' SHEET 4 OF 4 SHEETS STA. 743+00 TO STA. 758+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	197
CONTRACT NO. 60W34				
ILLINOIS FED. AID PROJECT				

EXISTING 240/480V, SINGLE PHASE, 3 WIRE
IDOT SCADA LIGHTING CONTROLLER 'U'
TO REMAIN IN PLACE.

CONTROLLER 'U' CIRCUITING

CIRCUIT	VOLTAGE	POLES
A	240V	1P
B	240V	1P
C	240V	1P
D	240V	1P
E	480V	2P
F	480V	2P
G	480V	2P
K	480V	2P

**THIS SHEET IS FOR INFORMATION ONLY.
NO WORK INCLUDED THIS CONTRACT.**

USER NAME = default	DESIGNED - MEK	REVISED -
	DRAWN - MRT	REVISED -
PLOT SCALE = #SCALE#	CHECKED - MKR	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-80 FROM GARDNER STREET TO ROWELL AVENUE
EXISTING CONDITIONS**

SCALE: 1"=50' SHEET 1 OF 6 SHEETS STA. 698+10 TO STA. 713+00

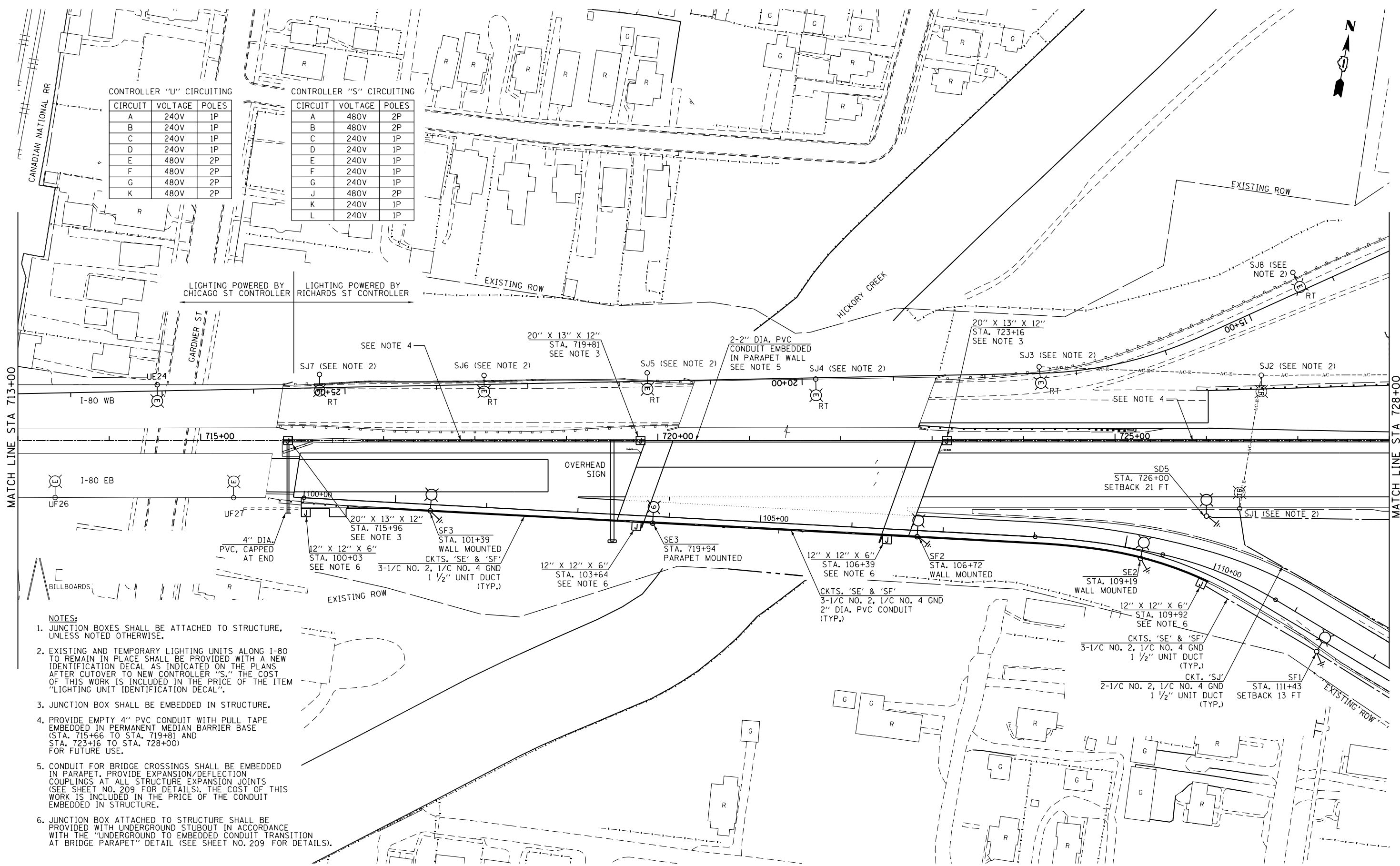
F.A.I. RTE. 80	SECTION 2013-008B	COUNTY WILL	TOTAL SHEETS 511	SHEET NO. 198
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60W34	

CONTROLLER "U" CIRCUITING

CIRCUIT	VOLTAGE	POLES
A	240V	1P
B	240V	1P
C	240V	1P
D	240V	1P
E	480V	2P
F	480V	2P
G	480V	2P
K	480V	2P

CONTROLLER "S" CIRCUITING

CIRCUIT	VOLTAGE	POLES
A	480V	2P
B	480V	2P
C	240V	1P
D	240V	1P
E	240V	1P
F	240V	1P
G	240V	1P
J	480V	2P
K	240V	1P
L	240V	1P



- NOTES:**
- JUNCTION BOXES SHALL BE ATTACHED TO STRUCTURE, UNLESS NOTED OTHERWISE.
 - EXISTING AND TEMPORARY LIGHTING UNITS ALONG I-80 TO REMAIN IN PLACE SHALL BE PROVIDED WITH A NEW IDENTIFICATION DECAL AS INDICATED ON THE PLANS AFTER CUTOVER TO NEW CONTROLLER "S." THE COST OF THIS WORK IS INCLUDED IN THE PRICE OF THE ITEM "LIGHTING UNIT IDENTIFICATION DECAL".
 - JUNCTION BOX SHALL BE EMBEDDED IN STRUCTURE.
 - PROVIDE EMPTY 4" PVC CONDUIT WITH PULL TAPE EMBEDDED IN PERMANENT MEDIAN BARRIER BASE (STA. 715+66 TO STA. 719+81 AND STA. 723+16 TO STA. 728+00) FOR FUTURE USE.
 - CONDUIT FOR BRIDGE CROSSINGS SHALL BE EMBEDDED IN PARAPET. PROVIDE EXPANSION/DEFLECTION COUPLINGS AT ALL STRUCTURE EXPANSION JOINTS (SEE SHEET NO. 209 FOR DETAILS). THE COST OF THIS WORK IS INCLUDED IN THE PRICE OF THE CONDUIT EMBEDDED IN STRUCTURE.
 - JUNCTION BOX ATTACHED TO STRUCTURE SHALL BE PROVIDED WITH UNDERGROUND STUBOUT IN ACCORDANCE WITH THE "UNDERGROUND TO EMBEDDED CONDUIT TRANSITION AT BRIDGE PARAPET" DETAIL (SEE SHEET NO. 209 FOR DETAILS).

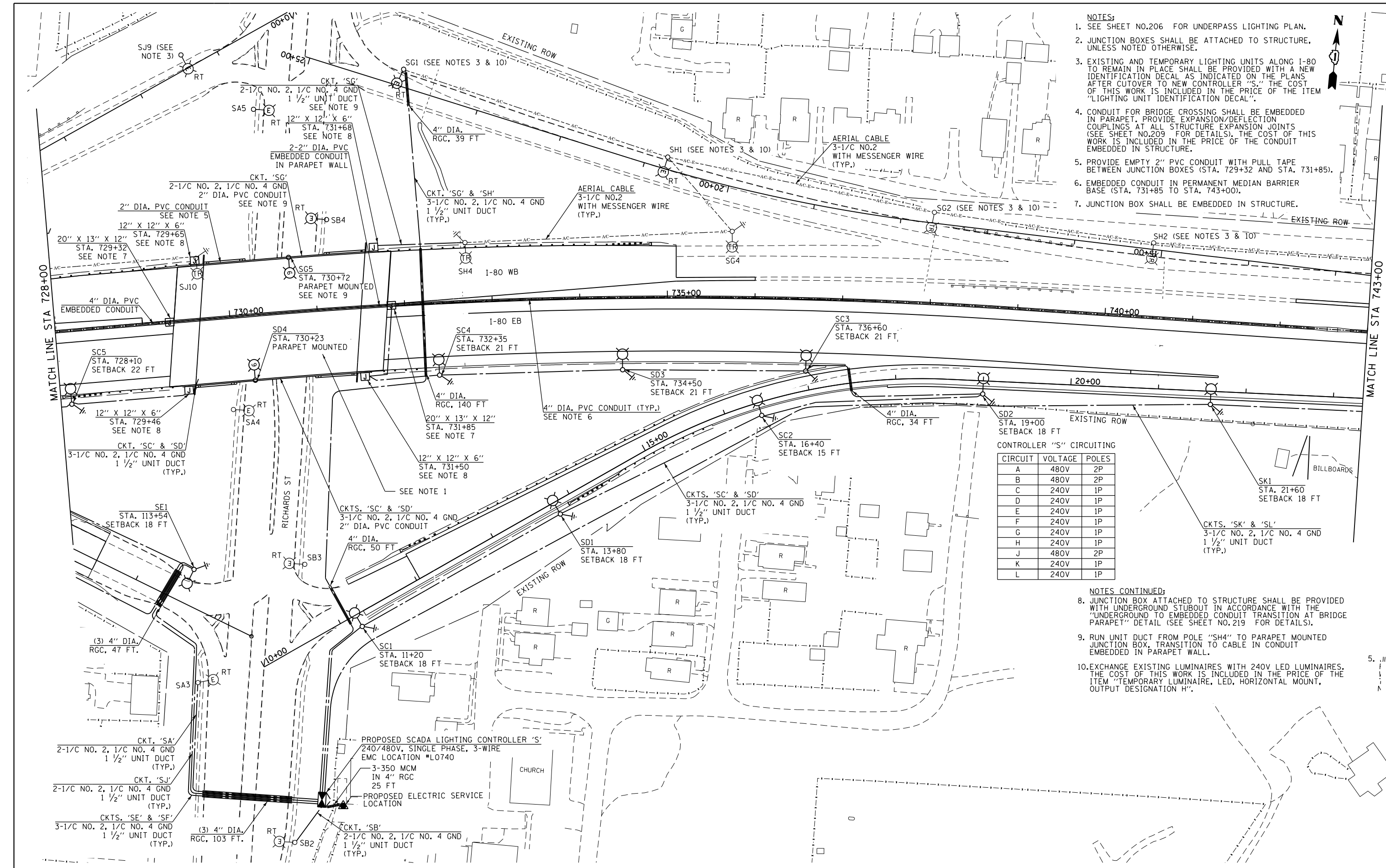
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	DRAWN - MRT	REVISED -		I-80 FROM GARDNER STREET TO ROWELL AVENUE PROPOSED LIGHTING PLAN			80	2013-008B	WILL	511	199
PLOT SCALE = #SCALE#	CHECKED - MKR	REVISED -		SCALE: 1"=50'			SHEET 2 OF 6 SHEETS	STA. 713+00 TO STA. 728+00		CONTRACT NO. 60W34	
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -		ILLINOIS FED. AID PROJECT							
FILE NAME = D160W34-sht-Prop-light03.dgn											

- NOTES:**
- SEE SHEET NO.206 FOR UNDERPASS LIGHTING PLAN.
 - JUNCTION BOXES SHALL BE ATTACHED TO STRUCTURE, UNLESS NOTED OTHERWISE.
 - EXISTING AND TEMPORARY LIGHTING UNITS ALONG I-80 TO REMAIN IN PLACE SHALL BE PROVIDED WITH A NEW IDENTIFICATION DECAL AS INDICATED ON THE PLANS AFTER CUTOVER TO NEW CONTROLLER "S". THE COST OF THIS WORK IS INCLUDED IN THE PRICE OF THE ITEM "LIGHTING UNIT IDENTIFICATION DECAL".
 - CONDUIT FOR BRIDGE CROSSING SHALL BE EMBEDDED IN PARAPET. PROVIDE EXPANSION/DEFLECTION COUPLINGS AT ALL STRUCTURE EXPANSION JOINTS (SEE SHEET NO.209 FOR DETAILS). THE COST OF THIS WORK IS INCLUDED IN THE PRICE OF THE CONDUIT EMBEDDED IN STRUCTURE.
 - PROVIDE EMPTY 2" PVC CONDUIT WITH PULL TAPE BETWEEN JUNCTION BOXES (STA. 729+32 AND STA. 731+85).
 - EMBEDDED CONDUIT IN PERMANENT MEDIAN BARRIER BASE (STA. 731+85 TO STA. 743+00).
 - JUNCTION BOX SHALL BE EMBEDDED IN STRUCTURE.

CONTROLLER "S" CIRCUITING

CIRCUIT	VOLTAGE	POLES
A	480V	2P
B	480V	2P
C	240V	1P
D	240V	1P
E	240V	1P
F	240V	1P
G	240V	1P
H	240V	1P
J	480V	2P
K	240V	1P
L	240V	1P

- NOTES CONTINUED:**
- JUNCTION BOX ATTACHED TO STRUCTURE SHALL BE PROVIDED WITH UNDERGROUND STUBOUT IN ACCORDANCE WITH THE "UNDERGROUND TO EMBEDDED CONDUIT TRANSITION AT BRIDGE PARAPET" DETAIL (SEE SHEET NO.219 FOR DETAILS).
 - RUN UNIT DUCT FROM POLE "SH4" TO PARAPET MOUNTED JUNCTION BOX, TRANSITION TO CABLE IN CONDUIT EMBEDDED IN PARAPET WALL.
 - EXCHANGE EXISTING LUMINAIRES WITH 240V LED LUMINAIRES. THE COST OF THIS WORK IS INCLUDED IN THE PRICE OF THE ITEM "TEMPORARY LUMINAIRE, LED, HORIZONTAL MOUNT, OUTPUT DESIGNATION H".



USER NAME = default	DESIGNED - MEK	REVISED -
	DRAWN - MRT	REVISED -
PLOT SCALE = #SCALE#	CHECKED - MKR	REVISED -
PLOT DATE = 6/25/2020	DATE - 6/25/2020	REVISED -



**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-80 FROM GARDNER STREET TO ROWELL AVENUE
PROPOSED LIGHTING PLAN**

SCALE: 1"=50' SHEET 3 OF 6 SHEETS STA. 728+00 TO STA. 743+00

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
80	2013-008B	WILL	511	200
CONTRACT NO. 60W34			ILLINOIS FED. AID PROJECT	