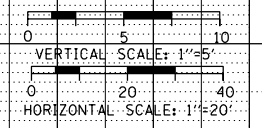
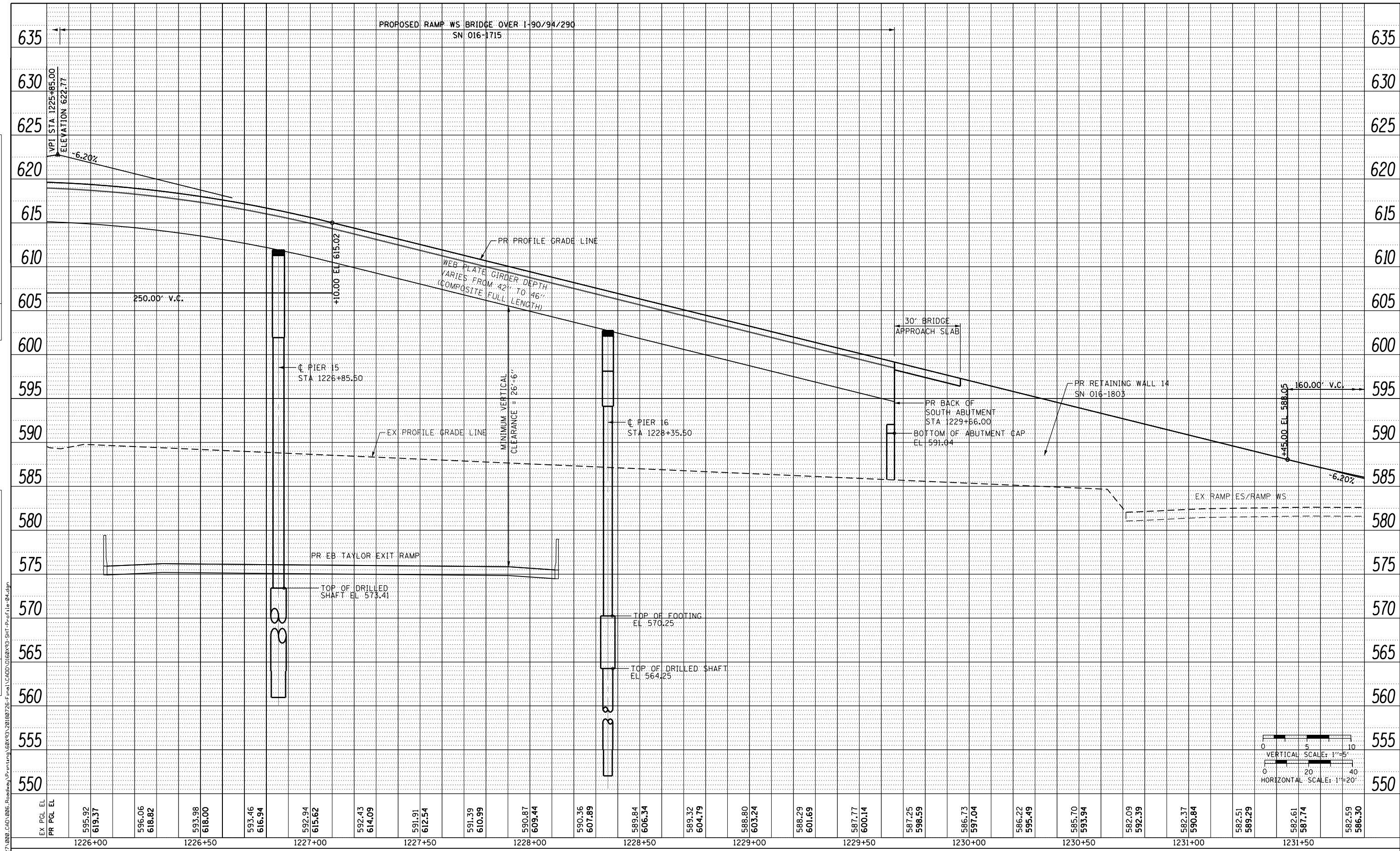


PLAN	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE NOTATIONS CHECKED		
	NOTE BOOK NO.		
	CARD FILE NAME		

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



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D160X93-SHT-Profile-04.dgn  
USER NAME = dishevoz  
PLOT SCALE = 40.0000' / in.  
PLOT DATE = 7/26/2018

DESIGNED - OPS  
DRAWN - OPS  
CHECKED - MJE  
DATE - 7/30/2018

REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILE  
RAMP WS

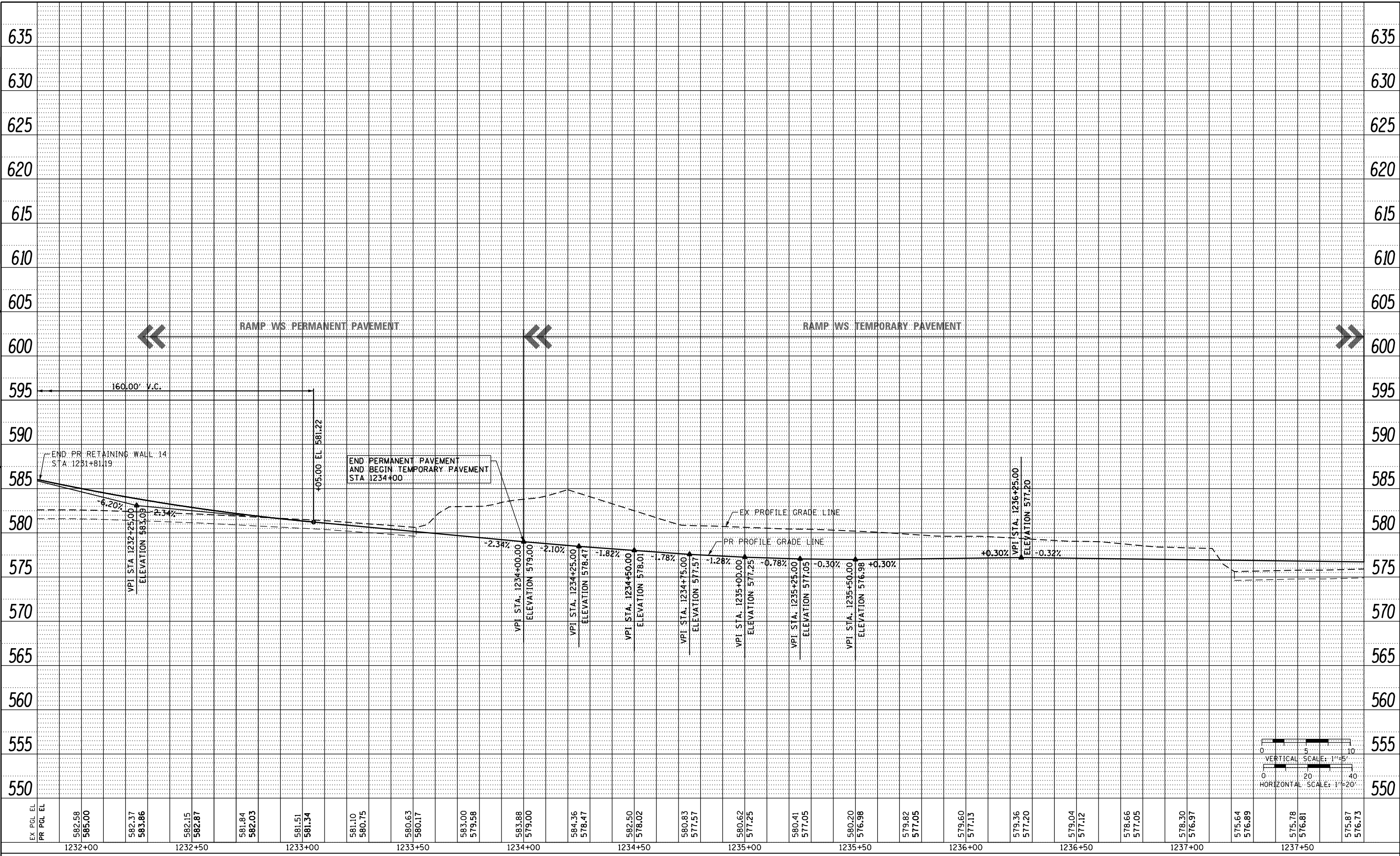
SCALE: 1"=20' SHEET 4 OF 16 SHEETS STA. 1225+80 TO STA. 1231+80

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-002R&B	COOK	1972	101
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

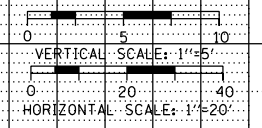
PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	CHECKED		
	NO.		
	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
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	CHECKED		
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	NOTATMS CHKD		

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EX PCL EL	582.58	582.15	581.84	581.51	581.10	580.63	583.88	584.36	582.50	580.83	580.62	580.41	580.20	579.82	579.60	579.36	579.04	578.66	578.30	575.64	575.78	575.87
PR PCL EL	585.00	582.87	582.03	581.34	580.75	580.17	579.00	578.47	578.02	577.57	577.25	577.05	576.98	577.05	577.13	577.20	577.12	577.05	576.97	576.89	576.81	576.73
	1232+00	1232+50	1233+00	1233+50	1234+00	1234+50	1235+00	1235+50	1236+00	1236+50	1237+00	1237+50										



D160X93-SHT-Profile-05.dgn  
 USER NAME = PIMSARN0  
 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 7/27/2018

DESIGNED - OPS  
 DRAWN - OPS  
 CHECKED - MJE  
 DATE - 7/30/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

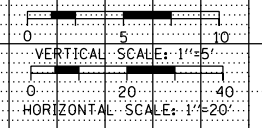
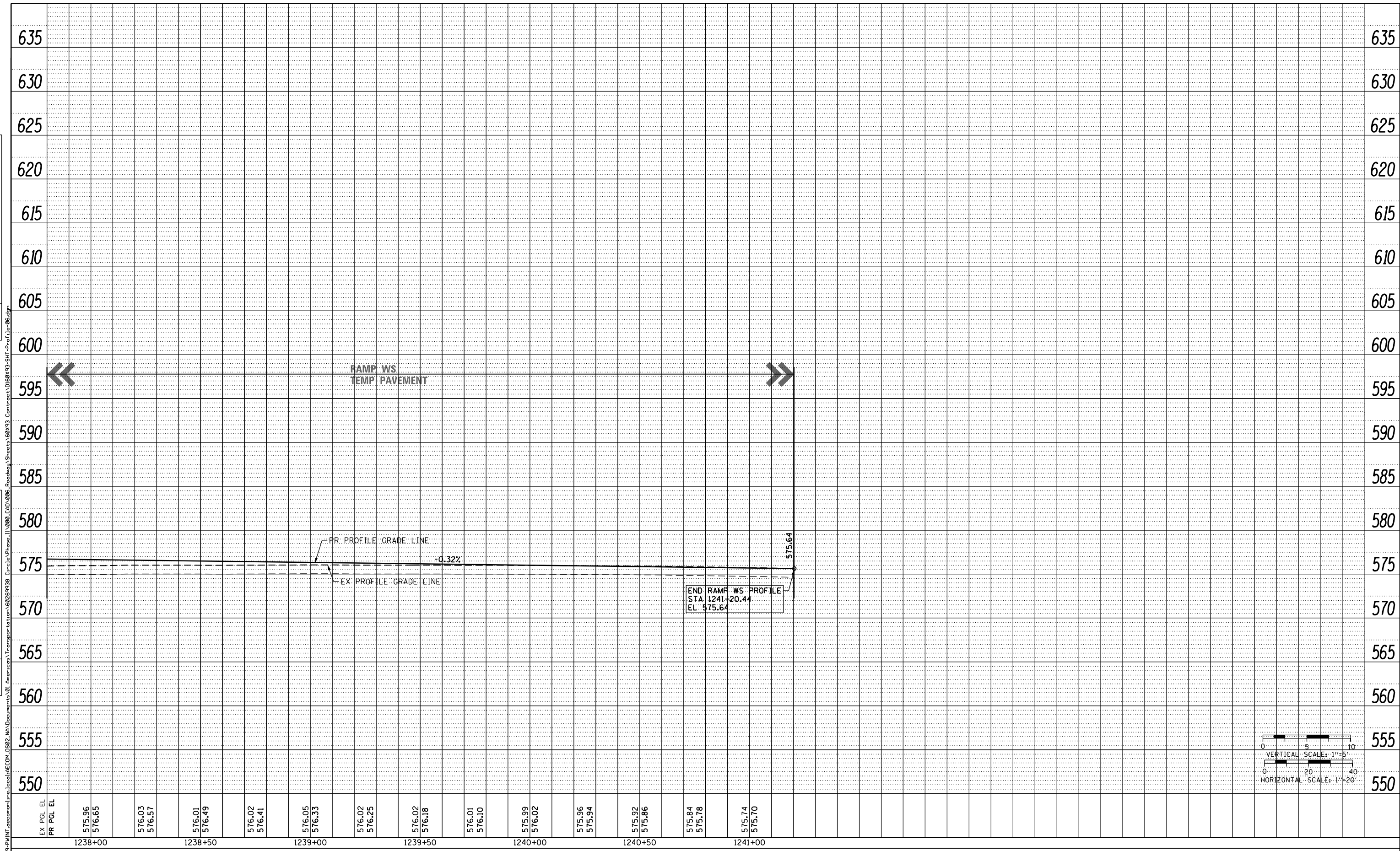
ROADWAY PROFILE  
 RAMP WS

SCALE: 1"=20' SHEET 5 OF 16 SHEETS STA. 1231+80 TO STA. 1237+80

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-002R&B	COOK	192	102
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	NOTE BOOK		
	NO.		
	CARD FILE NAME		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	GRADES CHECKED		
	STRUCTURE		
	NOT AT THIS OFFICE		
	NO.		



D160X93-SHT-Profile-06.dgn  
USER NAME = PIMSARN0  
PLOT SCALE = 40.0000' / in.  
PLOT DATE = 7/27/2018

DESIGNED - OPS	REVISED -
DRAWN - OPS	REVISED -
CHECKED - MJE	REVISED -
DATE - 7/30/2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

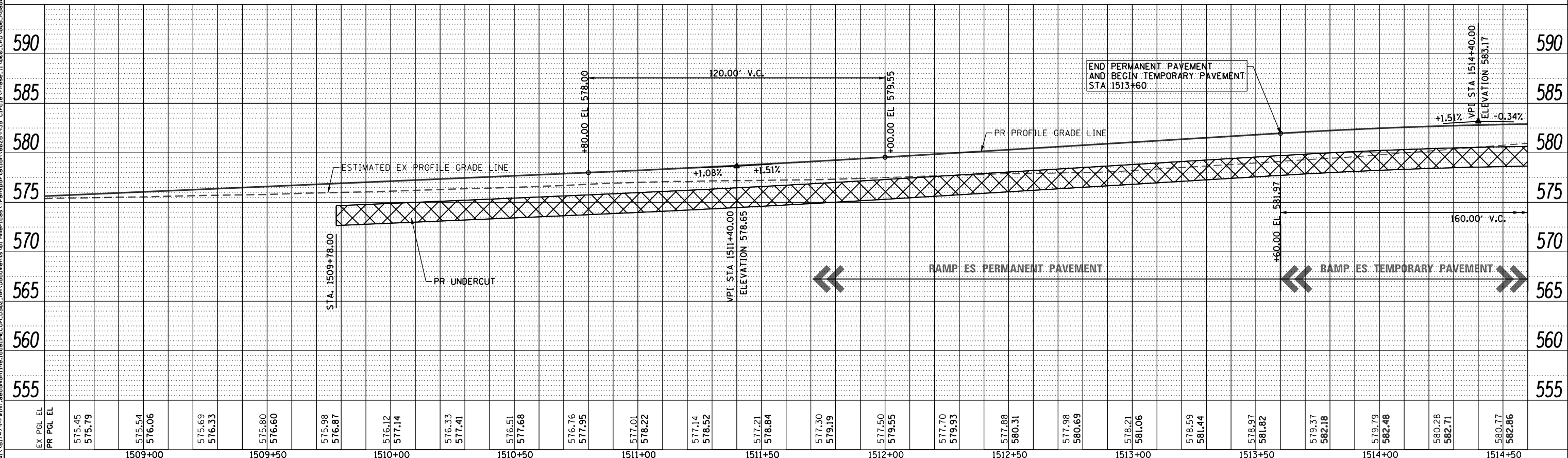
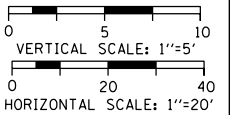
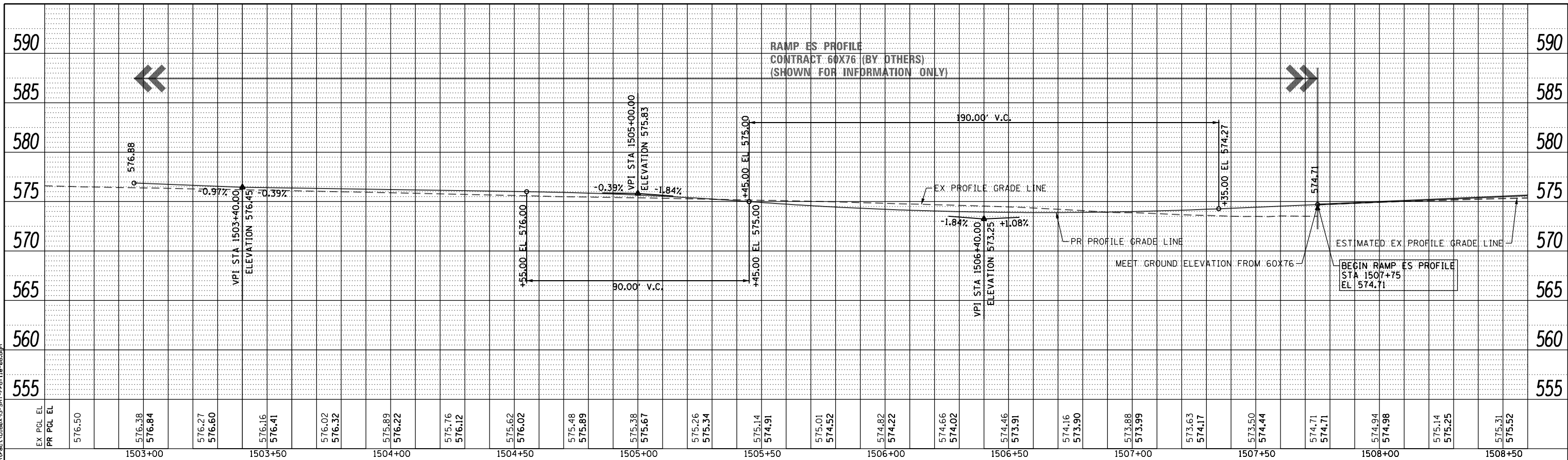
SCALE: 1"=20'	SHEET 6	OF 16 SHEETS	STA. 1237+80	TO STA. 1241+20.44
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ROADWAY PROFILE  
RAMP WS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-002R&B	COOK	1972	103
CONTRACT NO. 60X93				

ILLINOIS FED. AID PROJECT

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D160X93-SHT-Profile-08.dgn  
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 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 7/27/2018

DESIGNED - OPS	REVISED -
DRAWN - OPS	REVISED -
CHECKED - MJE	REVISED -
DATE - 7/30/2018	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

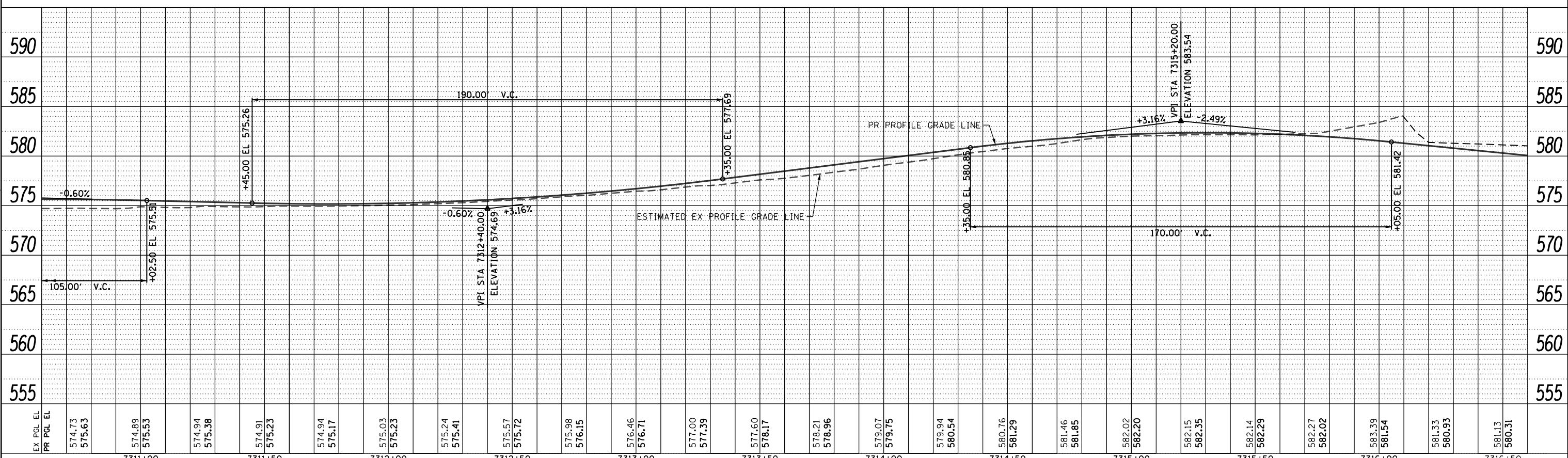
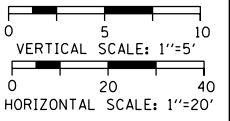
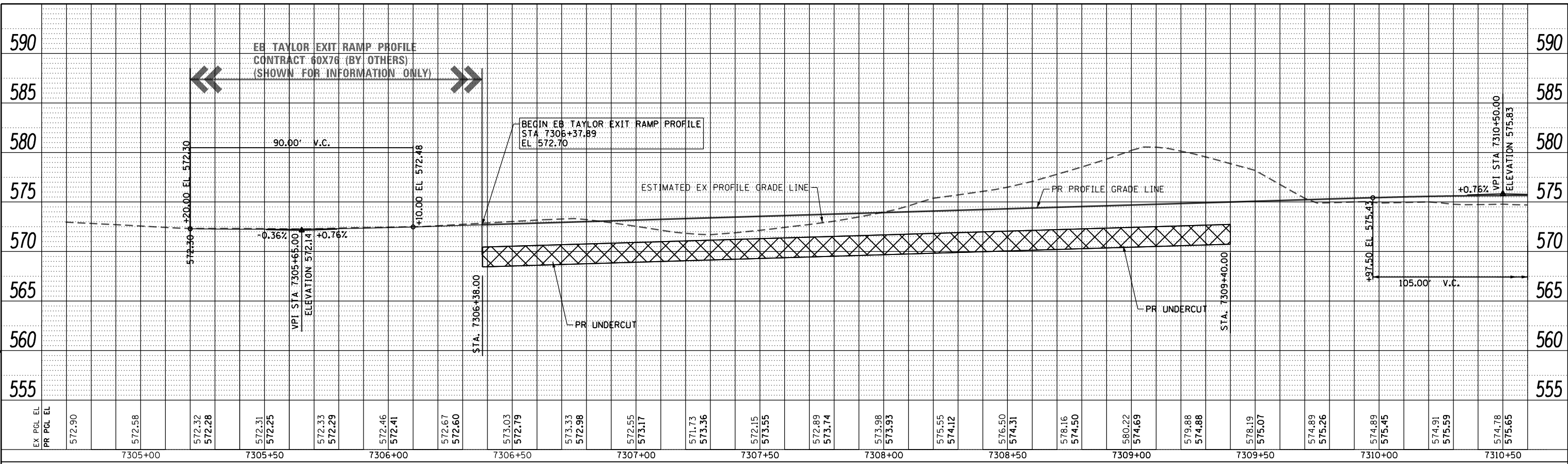
ROADWAY PROFILE  
 RAMP ES

SCALE: 1"=20' SHEET 7 OF 16 SHEETS STA. 1507+75 TO STA. 1514+60

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	1972	104
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



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D160X93-SHT-Profile-10.dgn  
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 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 7/27/2018

DESIGNED - OPS	REVISED -
DRAWN - OPS	REVISED -
CHECKED - MJE	REVISED -
DATE - 7/30/2018	REVISED -

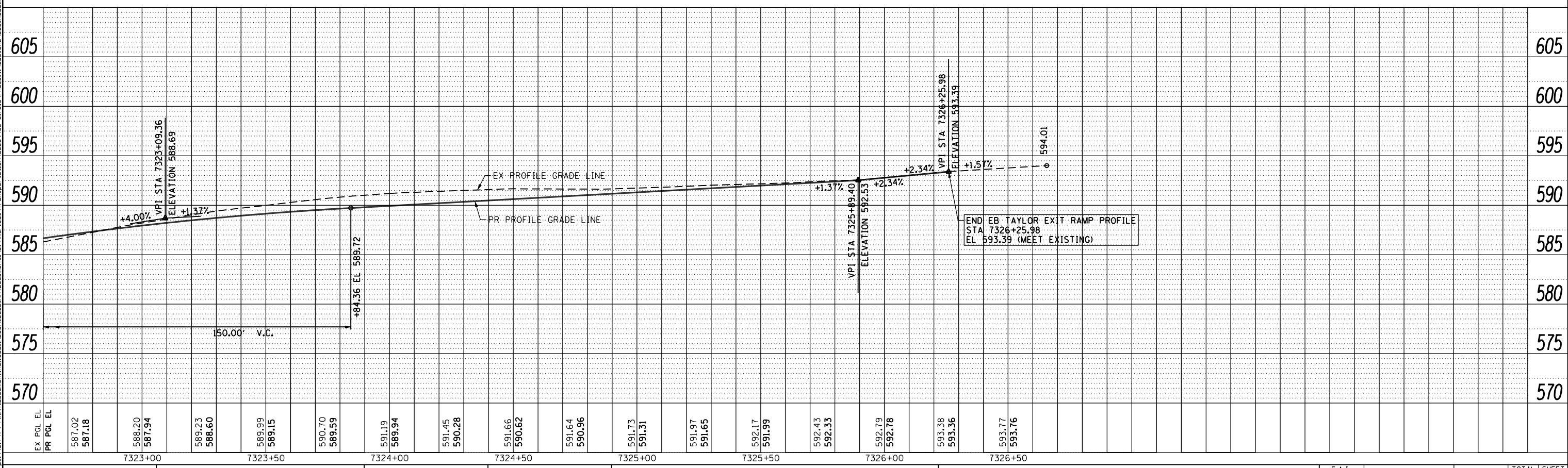
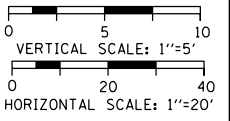
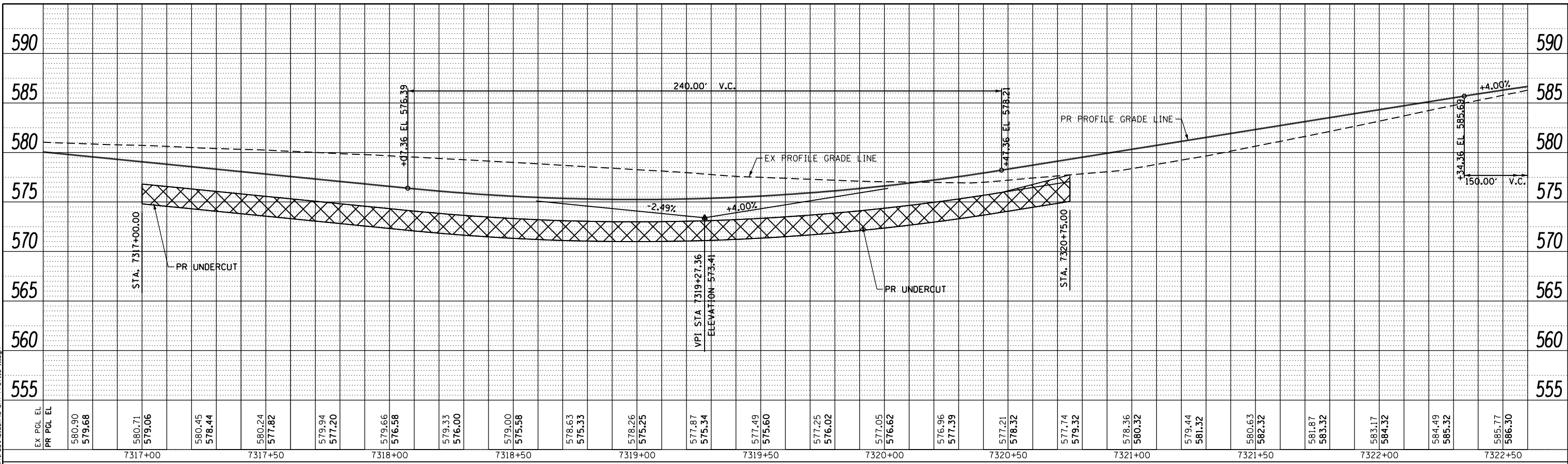
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILE  
 EB TAYLOR EXIT RAMP

SCALE: 1"=20' SHEET 9 OF 16 SHEETS STA. 7305+20 TO STA. 7316+60

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	1972	106
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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D160X93-SHT\_Profile-1.dgn  
 USER NAME = PIMSARN0  
 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 7/28/2018

DESIGNED - OPS  
 DRAWN - OPS  
 CHECKED - MJE  
 DATE - 7/30/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILE  
 EB TAYLOR EXIT RAMP

SCALE: 1"=20' SHEET 10 OF 16 SHEETS STA. 7316+60 TO STA. 7326+25.98

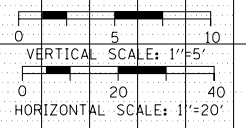
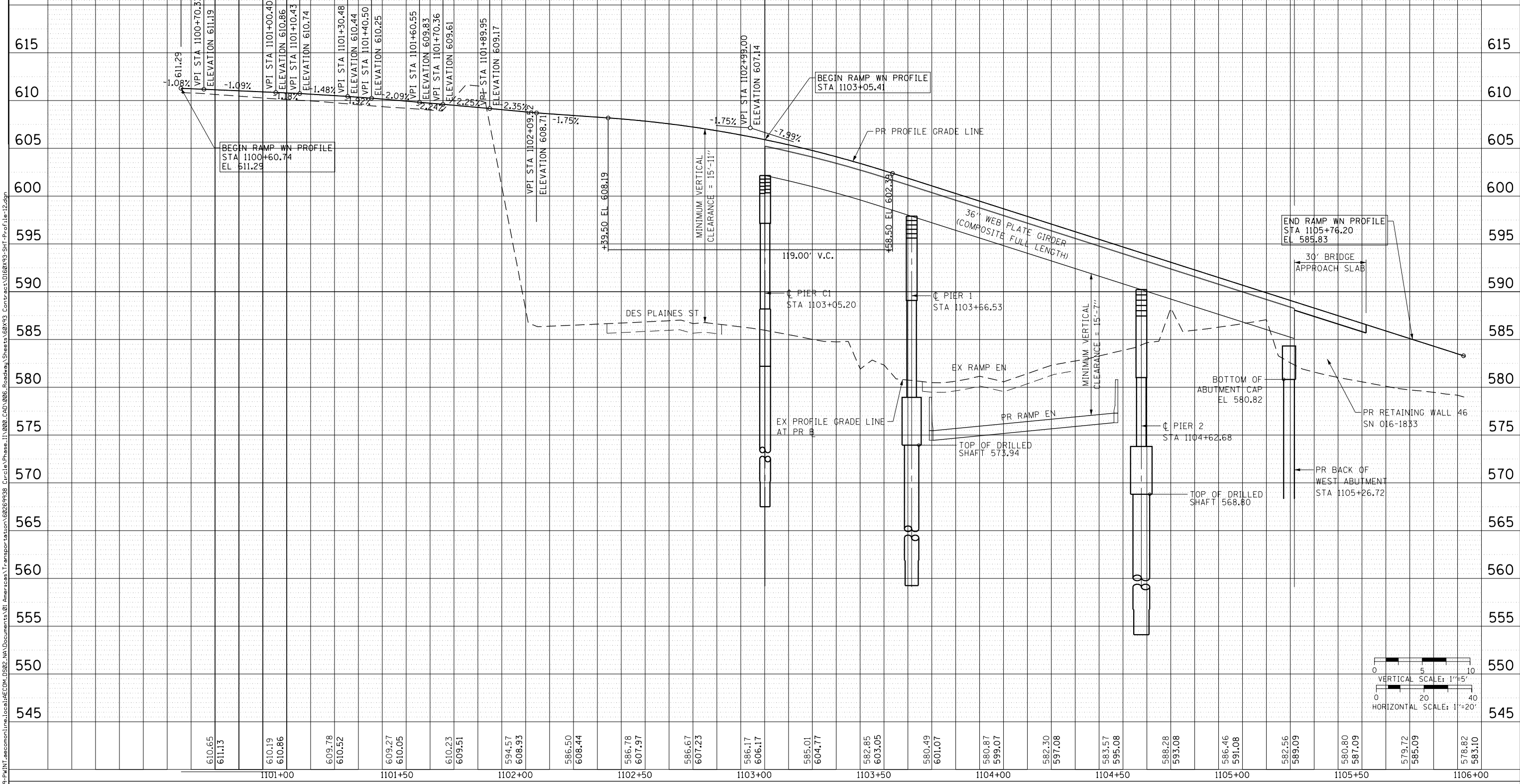
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	1972	107
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

WB I-290 OVER I-90/94 BRIDGE  
 SN016-1703C (BY OTHERS)  
 (SHOWN FOR INFORMATION ONLY)

PROPOSED RAMP WN BRIDGE OVER I-90/94/WB BYPASS/RAMP EN  
 SN 016-1706

PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	



EX PGL EL	610.65	610.19	609.78	609.27	610.23	594.57	586.50	586.78	586.67	586.17	585.01	582.85	580.49	580.87	582.30	583.57	588.28	586.46	582.56	580.80	579.72	578.82
PR PGL EL	611.13	610.86	610.52	610.05	609.51	608.93	608.44	607.97	607.23	606.17	604.77	603.05	601.07	599.07	597.08	595.08	593.08	591.08	589.09	587.09	585.09	583.10
	1101+00	1101+50	1102+00	1102+50	1103+00	1103+50	1104+00	1104+50	1105+00	1105+50	1106+00											



D160X93-SHT-Profile-12.dgn	DESIGNED - MSB	REVISED -
USER NAME = msbilliot	DRAWN - MSB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILE  
 RAMP WN

SCALE: 1"=20' SHEET 11 OF 16 SHEETS STA. 1100+00 TO STA. 1105+75

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-002R&B	COOK	1972	108
CONTRACT NO. 60X93				

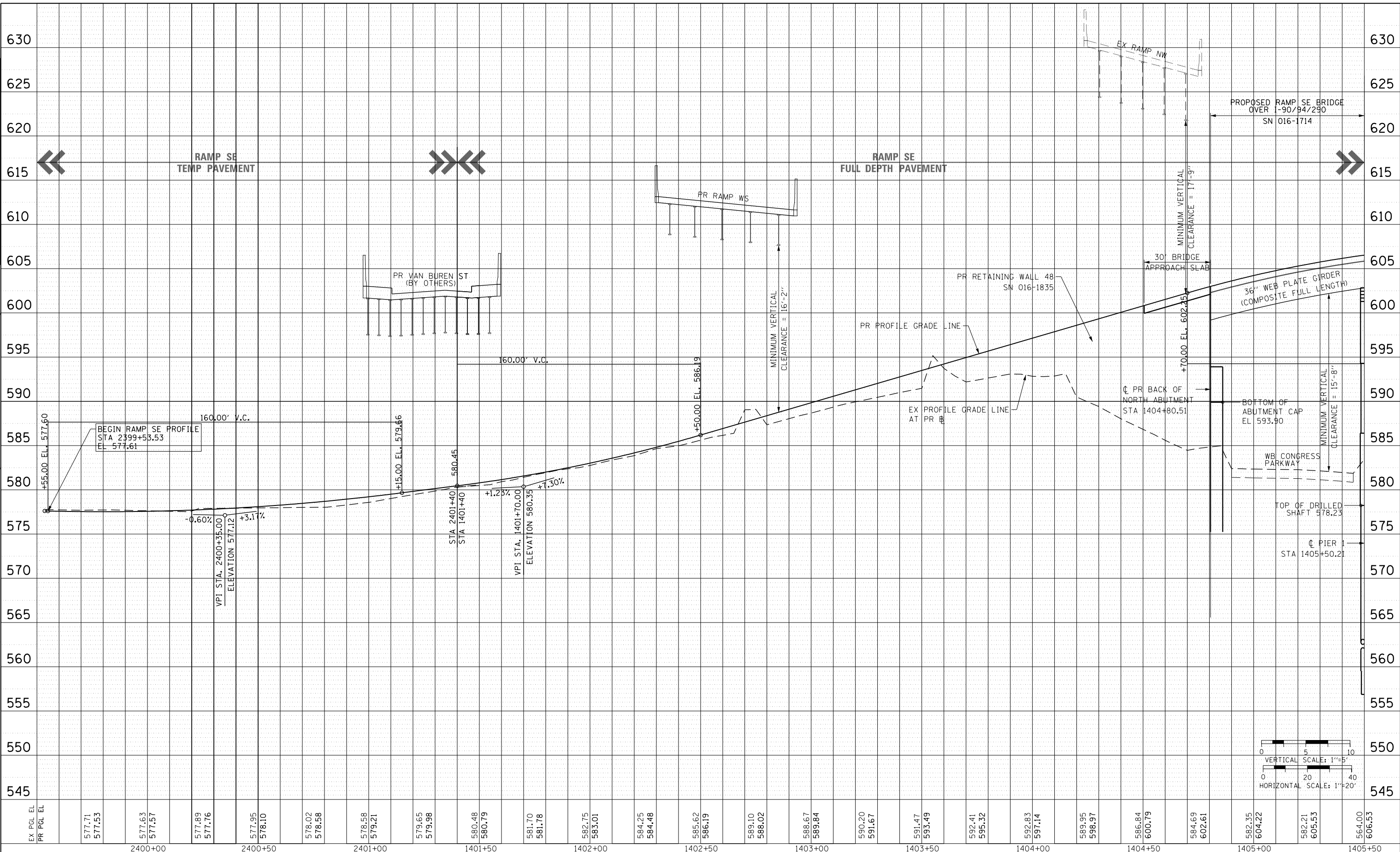
ILLINOIS FED. AID PROJECT



PLAN	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	CHECKED	
	BY	
	NO.	
	FILE NAME	

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EX PGL EL	PR PGL EL	2400+00	2400+50	2401+00	1401+50	1402+00	1402+50	1403+00	1403+50	1404+00	1404+50	1405+00	1405+50
577.71	577.53	577.63	577.57	577.89	577.76	577.95	578.10	578.02	578.58	578.58	579.21	579.65	579.98
580.48	580.79	581.70	581.78	582.75	583.01	584.25	584.48	585.62	586.19	589.10	588.02	588.67	589.84
590.20	591.67	591.47	593.49	592.41	595.32	592.83	597.14	589.95	598.97	586.84	600.79	584.69	602.61
582.35	604.22	582.21	605.53	564.00	606.53								



D160X93-SHT-Profile-14.dgn	DESIGNED - MSB	REVISED -
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PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

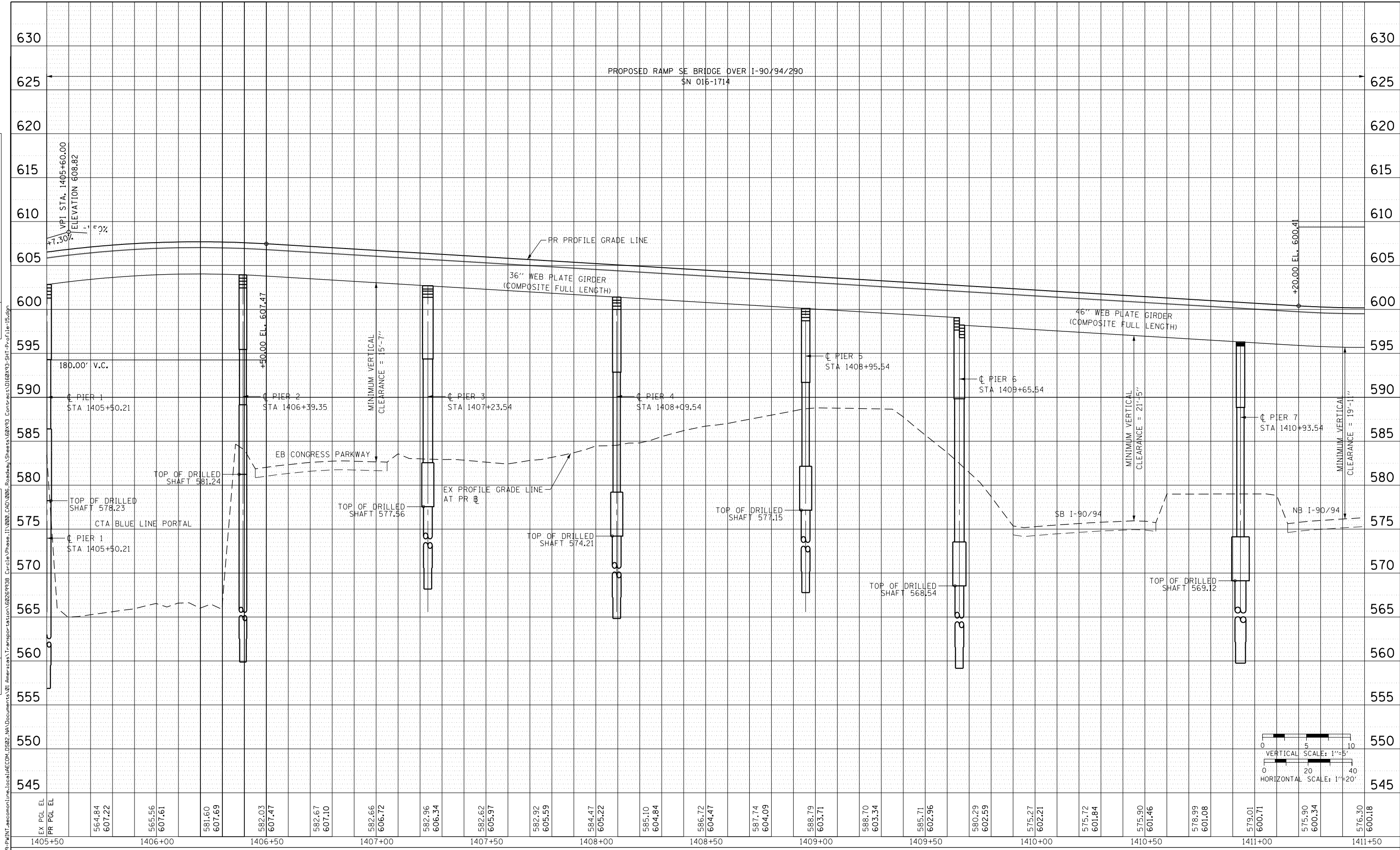
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>ROADWAY PROFILE</b>			
<b>RAMP SE</b>			
SCALE: 1"=20'	SHEET 12	OF 16 SHEETS	STA. 1399+50 TO STA. 1405+50

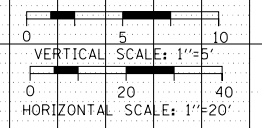
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-002R&B	COOK	1972	109
CONTRACT NO. 60X93				ILLINOIS FED. AID PROJECT

PLAN	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	ALIGNED		
	CAD FILE NAME		
	NO.		

PROFILE	SURVEYED	BY	DATE
	PLOTTED		
	CHECKED		
	GRADES		
	STRUCTURE		
	NOT AT THIS OFFICE		
	NO.		



EX PGL EL	PR PGL EL	564.84 607.22	565.56 607.61	581.60 607.69	582.03 607.47	582.67 607.10	582.66 606.72	582.96 606.34	582.62 605.97	582.92 605.59	584.47 605.22	585.10 604.84	586.72 604.47	587.74 604.09	588.79 603.71	588.70 603.34	585.71 602.96	580.29 602.59	575.27 602.21	575.72 601.84	575.90 601.46	578.99 601.08	579.01 600.71	575.90 600.34	576.30 600.18	
1405+50	1406+00	1406+50	1407+00	1407+50	1408+00	1408+50	1409+00	1409+50	1410+00	1410+50	1411+00	1411+50														



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PLOT SCALE = 40.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

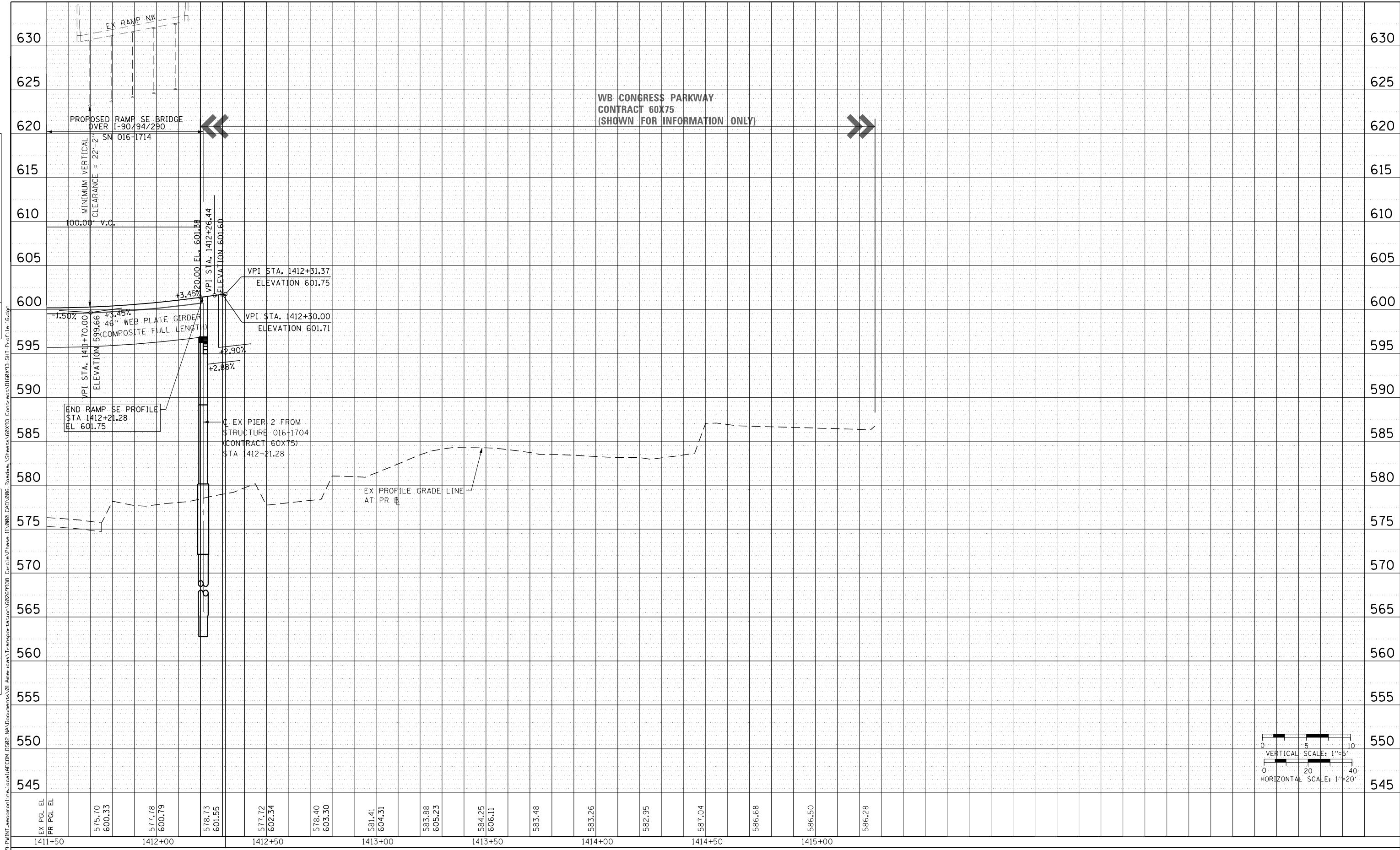
**ROADWAY PROFILE  
RAMP SE**

SCALE: 1"=20' SHEET 13 OF 16 SHEETS STA. 1405+50 TO STA. 1411+50

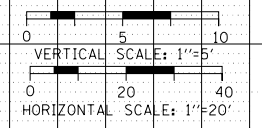
F.A.I. RTE. 90/94/290	SECTION 2014-002R&B	COUNTY COOK	TOTAL SHEETS 1972	SHEET NO. 110
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

PLAN	SURVEYED	DATE
	PLOTTED	BY
	CHECKED	
	FILE NAME	
	CAD FILE NAME	
	NO.	

PROFILE	SURVEYED	DATE
	GRADES CHECKED	BY
	STRUCTURE	
	NOT AT THIS OFFICE	
	NO.	



EX PGL EL	1411+50	1412+00	1412+50	1413+00	1413+50	1414+00	1414+50	1415+00
PR PGL EL	575.70	577.78	578.73	581.41	583.88	584.25	587.04	586.50
	600.33	600.79	601.55	604.31	605.23	606.11	606.68	606.28



D160X93-SHT-Profile-16.dgn	DESIGNED - MSB	REVISED -
USER NAME = msbilliot	DRAWN - MSB	REVISED -
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PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

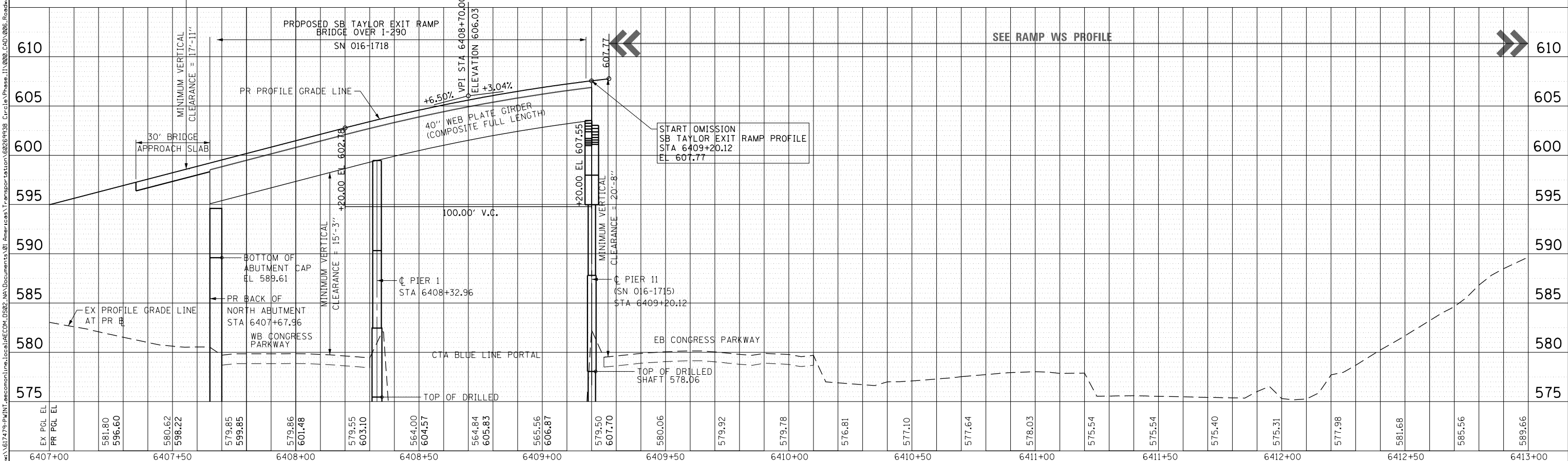
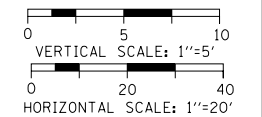
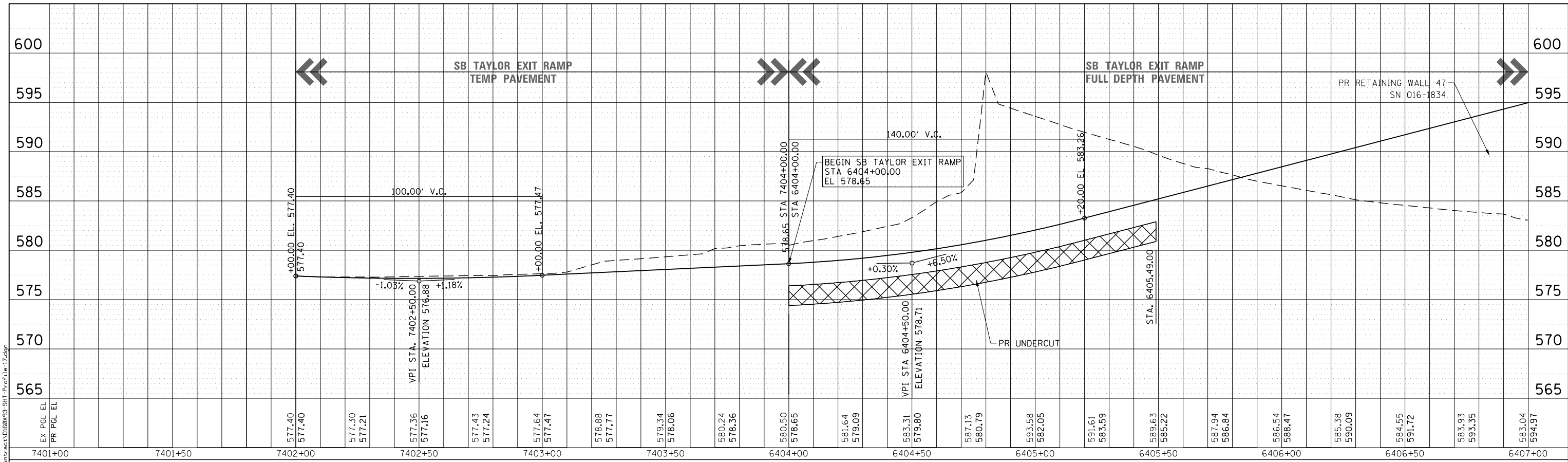
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

ROADWAY PROFILE  
RAMP SE

SCALE: 1"=20' SHEET 14 OF 16 SHEETS STA. 1411+50 TO STA. 1415+25

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-002R&B	COOK	1972	111
CONTRACT NO. 60X93				

ILLINOIS FED. AID PROJECT



DESIGNED - MSB	REVISED -
DRAWN - MSB	REVISED -
CHECKED - MJL	REVISED -
DATE - 7/30/2018	REVISED -

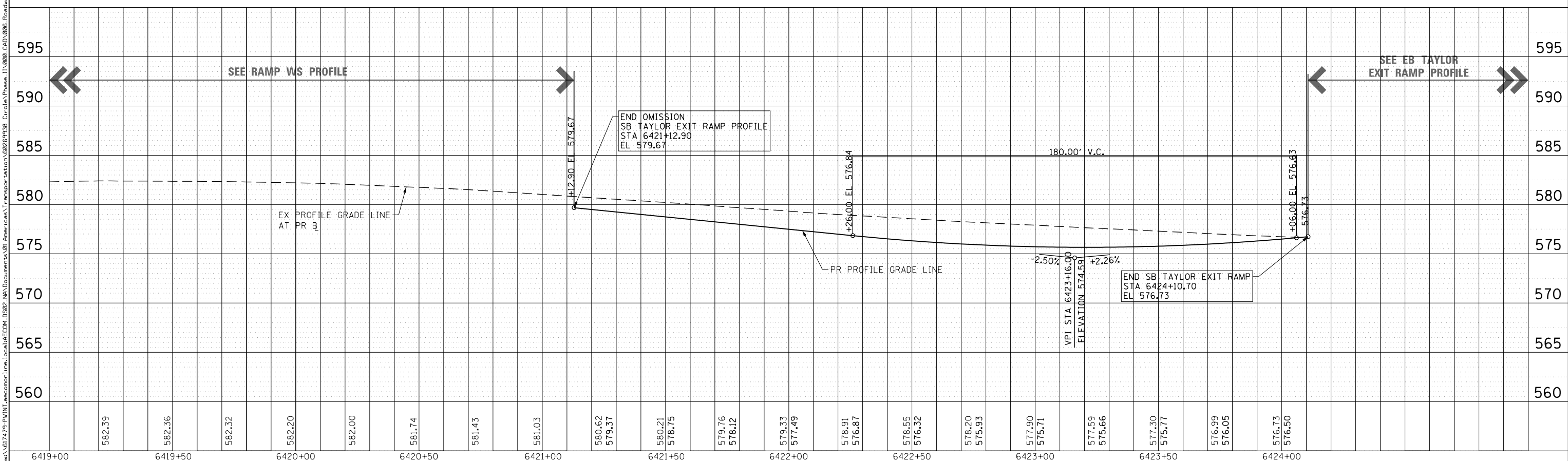
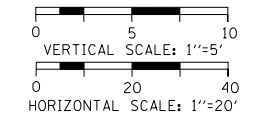
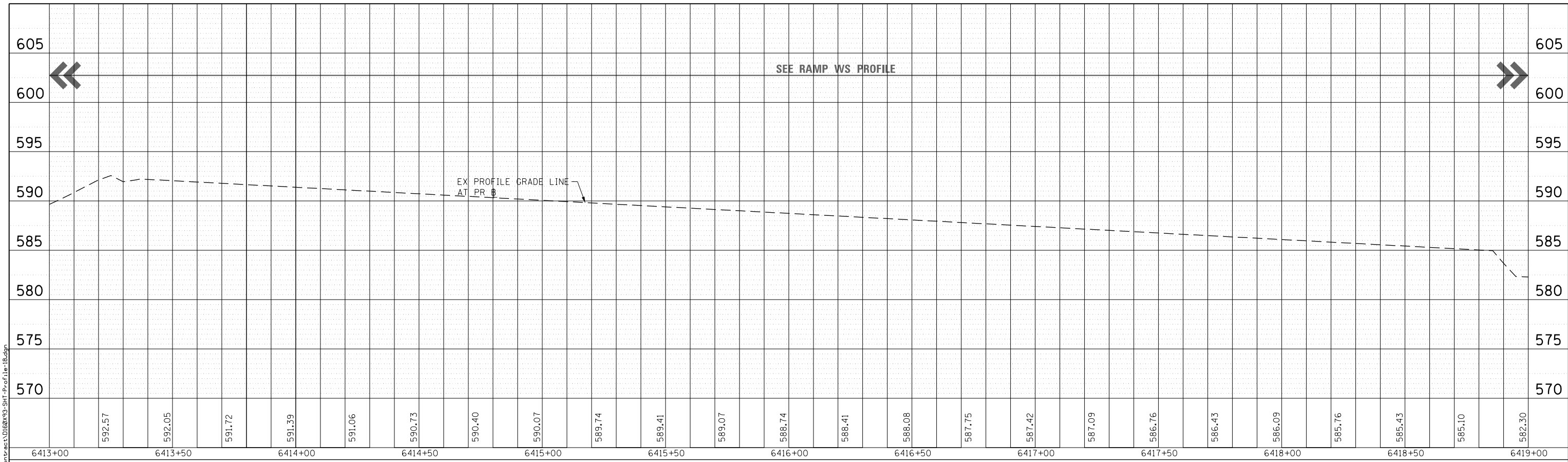
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PROFILE  
SB TAYLOR EXIT RAMP**

SCALE: 1"=20'    SHEET 15 OF 16 SHEETS    STA. 6401+00 TO STA. 6413+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	1972	112
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61799-P\INT\asc\monline\local\IACOM\_0502\_MN\Documents\01\_Americas\Transportation\60269938\_Circle\Phase\_1\000\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-SHT\_Profile-18.dgn



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USER NAME = msbilliot	DRAWN - MSB	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

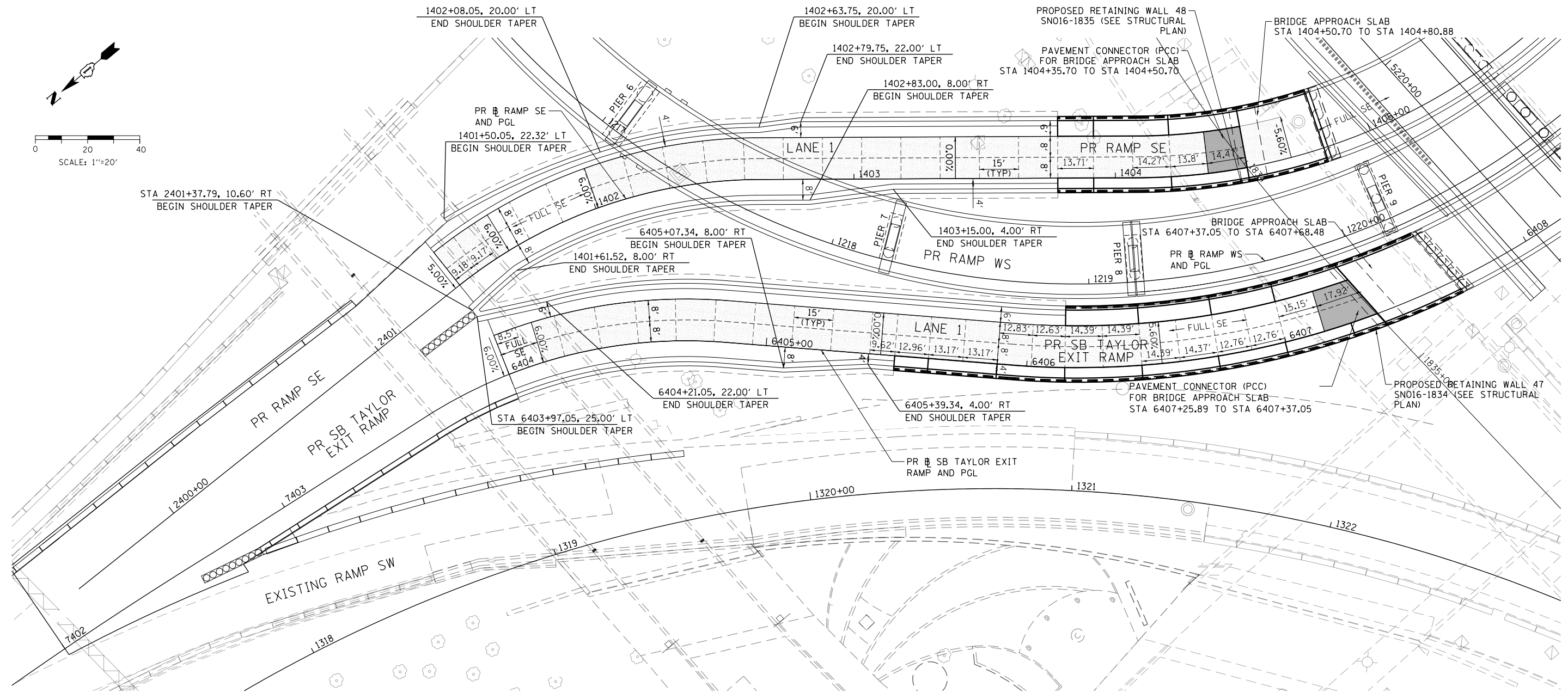
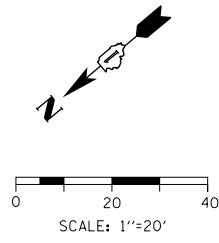
DESIGNED - MSB	REVISED -
DRAWN - MSB	REVISED -
CHECKED - MJL	REVISED -
DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY PROFILE  
SB TAYLOR EXIT RAMP**

SCALE: 1"=20'    SHEET 16    OF 16    SHEETS    STA. 6411+80    TO STA. 6424+11

F.A.I. RTE. 90/94/290	SECTION 2014-003R&B	COUNTY COOK	TOTAL SHEETS 1972	SHEET NO. 113
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60X93	

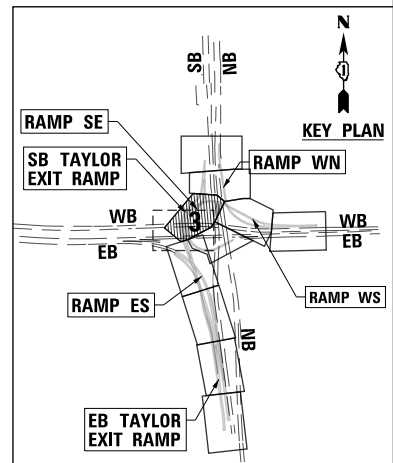


**LEGEND**

- CONSTRUCTION JOINT
  - o LONGITUDINAL CONSTRUCTION JOINT
  - 1. NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) FORMED IN PLACE OR MECHANICALLY INSERTED AT 2' C-C (STANDARD 420001-08) OR
  - 2. NO. 6 X 2' LONG DEFORMED TIE BARS (EPOXY COATED) GROUTED IN PLACE AT 2' C-C (STANDARD 420001-08)
  - o TRANSVERSE CONSTRUCTION JOINT
  - 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420101-05)
- SAWED JOINT (MAINLINE)
  - o LONGITUDINAL SAWED JOINT
  - NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-08)
  - o TRANSVERSE CONSTRUCTION JOINT
  - 1'-6" LONG DOWEL BARS, 1/2 DIAMETER (EPOXY COATED) AT 1' C-C (STANDARD 420001-08)
- SAWED JOINT (RAMPS)
  - o LONGITUDINAL SAWED JOINT
  - NO. 6 X 3' LONG DEFORMED TIE BARS AT 1'-6" C-C (DISTRICT STANDARD BD-49)
  - o TRANSVERSE CONSTRUCTION JOINT
  - 1'-6" LONG DOWEL BARS, 1/2 DIAMETER (EPOXY COATED) AT 1' C-C (DISTRICT STANDARD BD-49)
  - o TRANSVERSE CONSTRUCTION JOINT
  - 1'-6" LONG DOWEL BARS, 1/2 DIAMETER (EPOXY COATED) AT 1' C-C (STANDARD 42001-08)
- EXPANSION JOINT
- o 1'-6" LONG DOWEL BARS, 1/2 DIAMETER (EPOXY COATED) AT 1' C-C (STANDARD 42001-08)
- ▨ PAVEMENT CROSS SLOPE TRANSITIONS
- ▨ PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB

**NOTES:**

1. UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS ARE TAKEN FROM PR RAMP SE, PR RAMP SW, OR PR SB TAYLOR EXIT RAMP.
2. UNLESS OTHERWISE NOTED THE PGL IS LOCATED TO BE AT THE BASELINE.
3. FOR PAVEMENT, SHOULDER, AND BARRIER MATERIALS SEE ROADWAY PLANS 86 TO 95.
4. SEE SUPERELEVATION TABLE FOR SHOULDER SLOPES.
5. ADDITIONAL SAWED TRANSVERSE CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
6. ALL TRANSVERSE JOINTS SHALL BE A MAXIMUM OF 15.0 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101-05 FOR ADDITIONAL INFORMATION, REGARDING TRANSVERSE JOINT SPACING REQUIREMENTS.
7. SEE STANDARD 420001-08 FOR INFORMATION REGARDING SEALING REQUIREMENTS FOR TRANSVERSE EXPANSION JOINTS.
8. PAVEMENT ROUNDOUTS FOR MANHOLES AND VALVE VAULTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111-03.
9. ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
10. SEE STANDARD 420301-07 FOR EXIT RAMP TERMINAL JOINTING INFORMATION.
11. FOR SHOULDER TRANSITIONS AT GORES, SEE GORE GRADING DETAILS.



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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

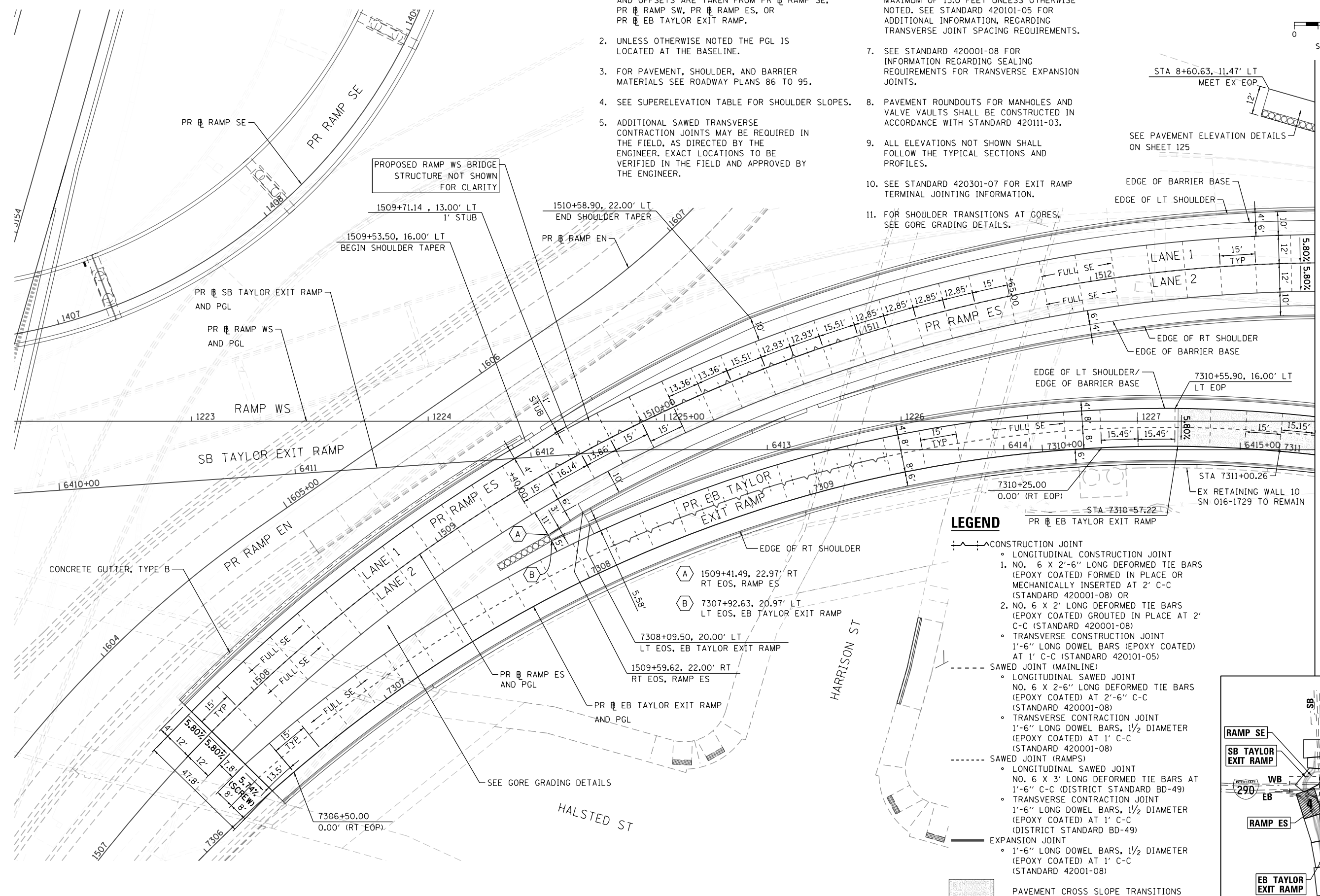
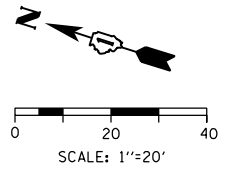
**JOINTING AND SUPERELEVATION PLAN**

SCALE: 1"=20' SHEET 1 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	114
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

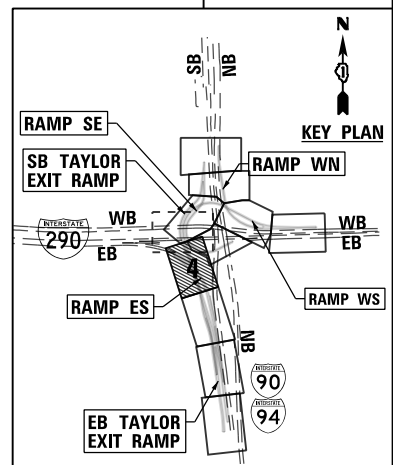
**NOTES:**

- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS ARE TAKEN FROM PR RAMP SE, PR RAMP SW, PR RAMP ES, OR PR EB TAYLOR EXIT RAMP.
- UNLESS OTHERWISE NOTED THE PGL IS LOCATED AT THE BASELINE.
- FOR PAVEMENT, SHOULDER, AND BARRIER MATERIALS SEE ROADWAY PLANS 86 TO 95.
- SEE SUPERELEVATION TABLE FOR SHOULDER SLOPES.
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- ALL TRANSVERSE JOINTS SHALL BE A MAXIMUM OF 15.0 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101-05 FOR ADDITIONAL INFORMATION, REGARDING TRANSVERSE JOINT SPACING REQUIREMENTS.
- SEE STANDARD 420001-08 FOR INFORMATION REGARDING SEALING REQUIREMENTS FOR TRANSVERSE EXPANSION JOINTS.
- PAVEMENT ROUNDOUTS FOR MANHOLES AND VALVE VAULTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111-03.
- ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
- SEE STANDARD 420301-07 FOR EXIT RAMP TERMINAL JOINTING INFORMATION.
- FOR SHOULDER TRANSITIONS AT GORES, SEE GORE GRADING DETAILS.



**LEGEND**

- CONSTRUCTION JOINT
  - LONGITUDINAL CONSTRUCTION JOINT
    - 1. NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) FORMED IN PLACE OR MECHANICALLY INSERTED AT 2' C-C (STANDARD 420001-08) OR
    - 2. NO. 6 X 2' LONG DEFORMED TIE BARS (EPOXY COATED) GROUTED IN PLACE AT 2' C-C (STANDARD 420001-08)
  - TRANSVERSE CONSTRUCTION JOINT
    - 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420101-05)
- SAWED JOINT (MAINLINE)
  - LONGITUDINAL SAWED JOINT
    - NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-08)
  - TRANSVERSE CONTRACTION JOINT
    - 1'-6" LONG DOWEL BARS, 1/2 DIAMETER (EPOXY COATED) AT 1' C-C (STANDARD 420001-08)
- SAWED JOINT (RAMPS)
  - LONGITUDINAL SAWED JOINT
    - NO. 6 X 3' LONG DEFORMED TIE BARS AT 1'-6" C-C (DISTRICT STANDARD BD-49)
  - TRANSVERSE CONTRACTION JOINT
    - 1'-6" LONG DOWEL BARS, 1/2 DIAMETER (EPOXY COATED) AT 1' C-C (DISTRICT STANDARD BD-49)
- EXPANSION JOINT
  - 1'-6" LONG DOWEL BARS, 1/2 DIAMETER (EPOXY COATED) AT 1' C-C (STANDARD 42001-08)
- PAVEMENT CROSS SLOPE TRANSITIONS



MATCH LINE STA 1227+75 (PR RAMP WS) SEE SHEET NO. 116

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

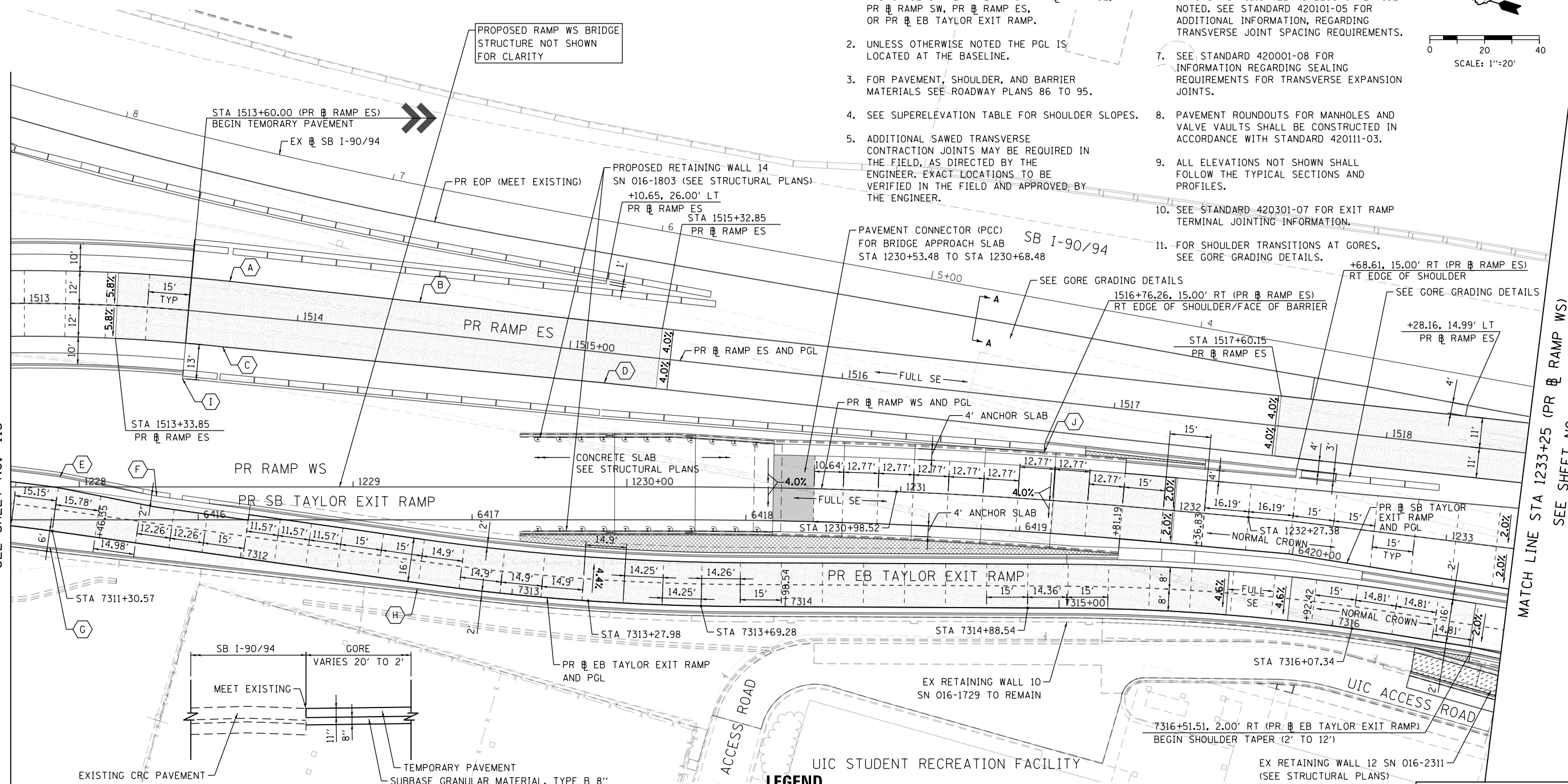
**JOINTING AND SUPERELEVATION PLAN**

SCALE: 1"=20' SHEET 2 OF 5 SHEETS STA. TO STA.

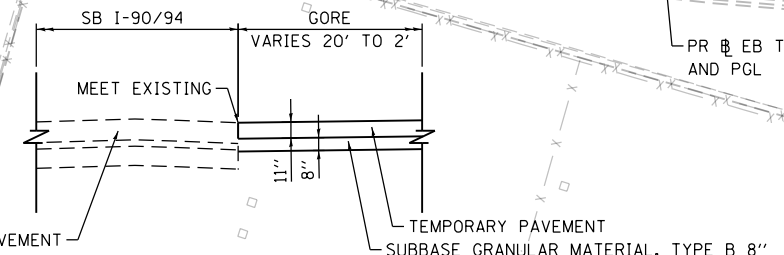
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	115
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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MATCH LINE STA 1227+75 (PR EB RAMP WS)  
SEE SHEET NO. 115



- NOTES:**
- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS ARE TAKEN FROM PR EB RAMP SE, PR EB RAMP SW, PR EB RAMP ES, OR PR EB EB TAYLOR EXIT RAMP.
  - UNLESS OTHERWISE NOTED THE PGL IS LOCATED AT THE BASELINE.
  - FOR PAVEMENT, SHOULDER, AND BARRIER MATERIALS SEE ROADWAY PLANS 86 TO 95.
  - SEE SUPERELEVATION TABLE FOR SHOULDER SLOPES.
  - ADDITIONAL SAWED TRANSVERSE CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
  - ALL TRANSVERSE JOINTS SHALL BE A MAXIMUM OF 15.0 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101-05 FOR ADDITIONAL INFORMATION, REGARDING TRANSVERSE JOINT SPACING REQUIREMENTS.
  - SEE STANDARD 420001-08 FOR INFORMATION REGARDING SEALING REQUIREMENTS FOR TRANSVERSE EXPANSION JOINTS.
  - PAVEMENT ROUNDOUTS FOR MANHOLES AND VALVE VAULTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111-03.
  - ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
  - SEE STANDARD 420301-07 FOR EXIT RAMP TERMINAL JOINTING INFORMATION.
  - FOR SHOULDER TRANSITIONS AT GORES, SEE GORE GRADING DETAILS.

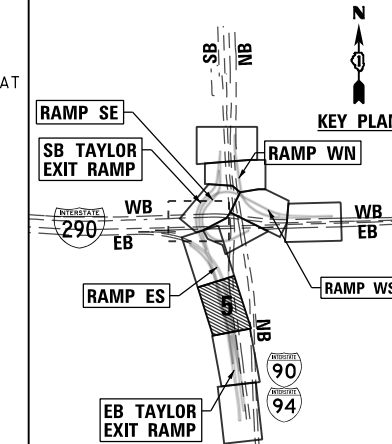


**SECTION A-A**  
SCALE: NONE

- |   |  |
|---|--|
| BEGIN LANE TAPER (12' TO 11')                 | EB TAYLOR EXIT RAMP LT SHOULDER TAPER (4' TO 2')       |
| (A) STA 1513+74.02, 12.00' LT (PR EB RAMP ES) | (E) STA 7311+30.57, 20.00' LT (PR EB TAYLOR EXIT RAMP) |
| (C) STA 1513+73.85, 12.00' RT (PR EB RAMP ES) | (F) STA 7311+66.57, 18.00' LT (PR EB TAYLOR EXIT RAMP) |
| END LANE TAPER (12' TO 11')                   | EB TAYLOR EXIT RAMP RT SHOULDER TAPER (6' TO 2')       |
| (B) STA 1514+43.85, 11.00' LT (PR EB RAMP ES) | (G) STA 7311+30.57, 6.00' RT (PR EB TAYLOR EXIT RAMP)  |
| (D) STA 1515+13.85, 11.00' RT (PR EB RAMP ES) | (H) STA 7312+65.57, 2.00' RT (PR EB TAYLOR EXIT RAMP)  |
|   | RAMP ES RT SHOULDER TAPER (13' TO 7.92')               |
|   | (I) STA 1513+60.00, 25.00' RT (PR EB RAMP ES)          |
|   | (J) STA 1516+76.26, 18.92' RT (PR EB RAMP ES)          |

**LEGEND**

- CONSTRUCTION JOINT
  - LONGITUDINAL CONSTRUCTION JOINT
    - NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) FORMED IN PLACE OR MECHANICALLY INSERTED AT 2' C-C (STANDARD 420001-08) OR
    - NO. 6 X 2' LONG DEFORMED TIE BARS (EPOXY COATED) GROUTED IN PLACE AT 2' C-C (STANDARD 420001-08)
  - TRANSVERSE CONSTRUCTION JOINT
    - 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420101-05)
- SAWED JOINT (MAINLINE)
  - LONGITUDINAL SAWED JOINT
    - NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-08)
  - TRANSVERSE CONTRACTION JOINT
    - 1'-6" LONG DOWEL BARS, 1/2 DIAMETER (EPOXY COATED) AT 1' C-C (STANDARD 420001-08)
- SAWED JOINT (RAMPS)
  - LONGITUDINAL SAWED JOINT
    - NO. 6 X 3' LONG DEFORMED TIE BARS AT 1'-6" C-C (DISTRICT STANDARD BD-49)
  - TRANSVERSE CONTRACTION JOINT
    - 1'-6" LONG DOWEL BARS, 1/2 DIAMETER (EPOXY COATED) AT 1' C-C (DISTRICT STANDARD BD-49)
- EXPANSION JOINT
  - 1'-6" LONG DOWEL BARS, 1/2 DIAMETER (EPOXY COATED) AT 1' C-C (STANDARD 42001-08)
- PAVEMENT CROSS SLOPE TRANSITIONS
- PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB



D160X93-SHT-JOINTING-05.dgn  
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 PLOT SCALE = 40.0000' / 1"  
 PLOT DATE = 7/28/2018

DESIGNED - OPS  
 DRAWN - OPS  
 CHECKED - MJE  
 DATE - 7/30/2018

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

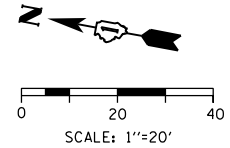
JOINTING AND PCC PAVEMENT DETAIL PLAN  
 SCALE: 1"=20' SHEET 3 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	116
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



**NOTES:**

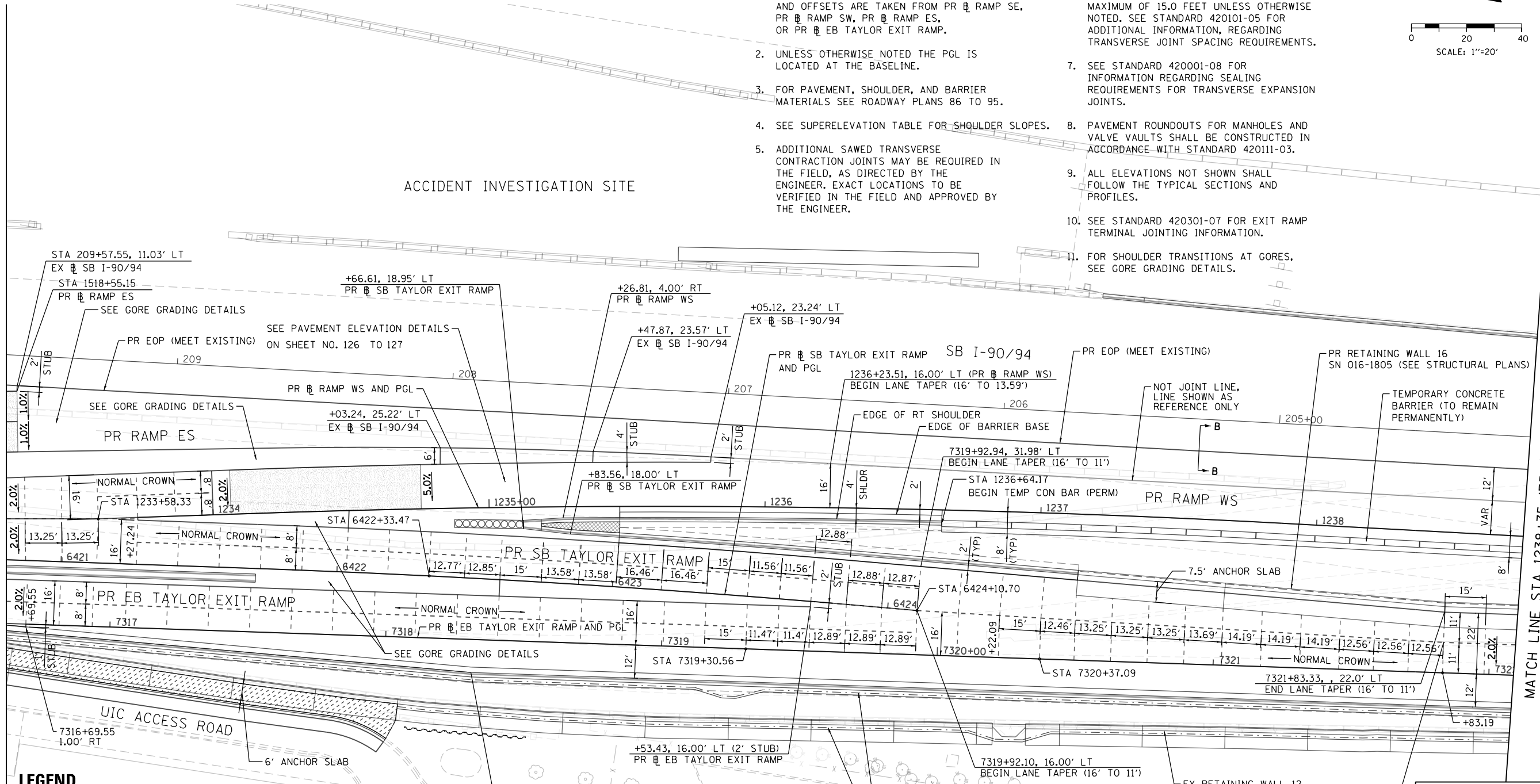
- UNLESS NOTED OTHERWISE, ALL STATIONS AND OFFSETS ARE TAKEN FROM PR EB RAMP SE, PR EB RAMP SW, PR EB RAMP ES, OR PR EB EB TAYLOR EXIT RAMP.
- UNLESS OTHERWISE NOTED THE PGL IS LOCATED AT THE BASELINE.
- FOR PAVEMENT, SHOULDER, AND BARRIER MATERIALS SEE ROADWAY PLANS 86 TO 95.
- SEE SUPERELEVATION TABLE FOR SHOULDER SLOPES.
- ADDITIONAL SAWED TRANSVERSE CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD, AS DIRECTED BY THE ENGINEER. EXACT LOCATIONS TO BE VERIFIED IN THE FIELD AND APPROVED BY THE ENGINEER.
- ALL TRANSVERSE JOINTS SHALL BE A MAXIMUM OF 15.0 FEET UNLESS OTHERWISE NOTED. SEE STANDARD 420101-05 FOR ADDITIONAL INFORMATION, REGARDING TRANSVERSE JOINT SPACING REQUIREMENTS.
- SEE STANDARD 420001-08 FOR INFORMATION REGARDING SEALING REQUIREMENTS FOR TRANSVERSE EXPANSION JOINTS.
- PAVEMENT ROUNDOUTS FOR MANHOLES AND VALVE VAULTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH STANDARD 420111-03.
- ALL ELEVATIONS NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
- SEE STANDARD 420301-07 FOR EXIT RAMP TERMINAL JOINTING INFORMATION.
- FOR SHOULDER TRANSITIONS AT GORES, SEE GORE GRADING DETAILS.



ACCIDENT INVESTIGATION SITE

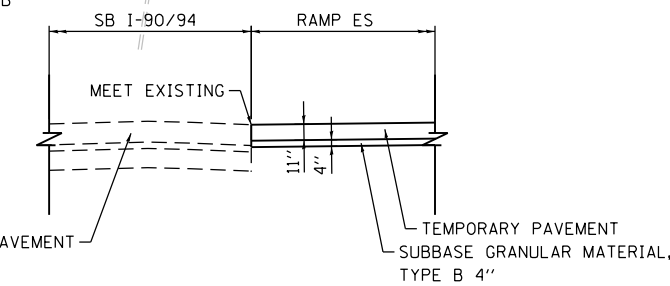
MATCH LINE STA 1233+25 (PR EB RAMP WS)  
SEE SHEET NO. 116

MATCH LINE STA 1238+75 (PR EB RAMP WS)  
SEE SHEET NO. 118



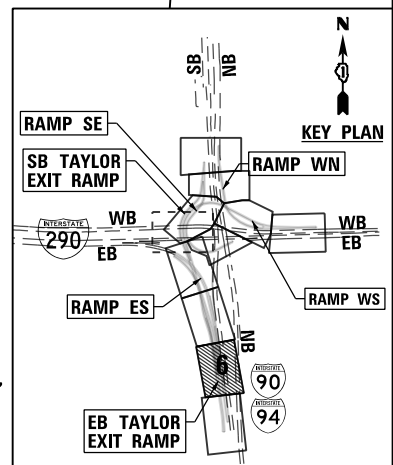
**LEGEND**

- CONSTRUCTION JOINT
  - LONGITUDINAL CONSTRUCTION JOINT
    - NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) FORMED IN PLACE OR MECHANICALLY INSERTED AT 2' C-C (STANDARD 420001-08) OR
    - NO. 6 X 2' LONG DEFORMED TIE BARS (EPOXY COATED) GROUTED IN PLACE AT 2' C-C (STANDARD 420001-08)
  - TRANSVERSE CONSTRUCTION JOINT
    - 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420101-05)
- SAWED JOINT (MAINLINE)
  - LONGITUDINAL SAWED JOINT
    - NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-08)
    - TRANSVERSE CONTRACTION JOINT
      - 1'-6" LONG DOWEL BARS, 1/2 DIAMETER (EPOXY COATED) AT 1' C-C (STANDARD 420001-08)
  - SAWED JOINT (RAMPS)
    - LONGITUDINAL SAWED JOINT
      - NO. 6 X 3' LONG DEFORMED TIE BARS AT 1'-6" C-C (DISTRICT STANDARD BD-49)
    - TRANSVERSE CONTRACTION JOINT
      - 1'-6" LONG DOWEL BARS, 1/2 DIAMETER (EPOXY COATED) AT 1' C-C (DISTRICT STANDARD BD-49)
  - EXPANSION JOINT
    - 1'-6" LONG DOWEL BARS, 1/2 DIAMETER (EPOXY COATED) AT 1' C-C (STANDARD 42001-08)
- PAVEMENT CROSS SLOPE TRANSITIONS



**SECTION B-B**

SCALE: NONE



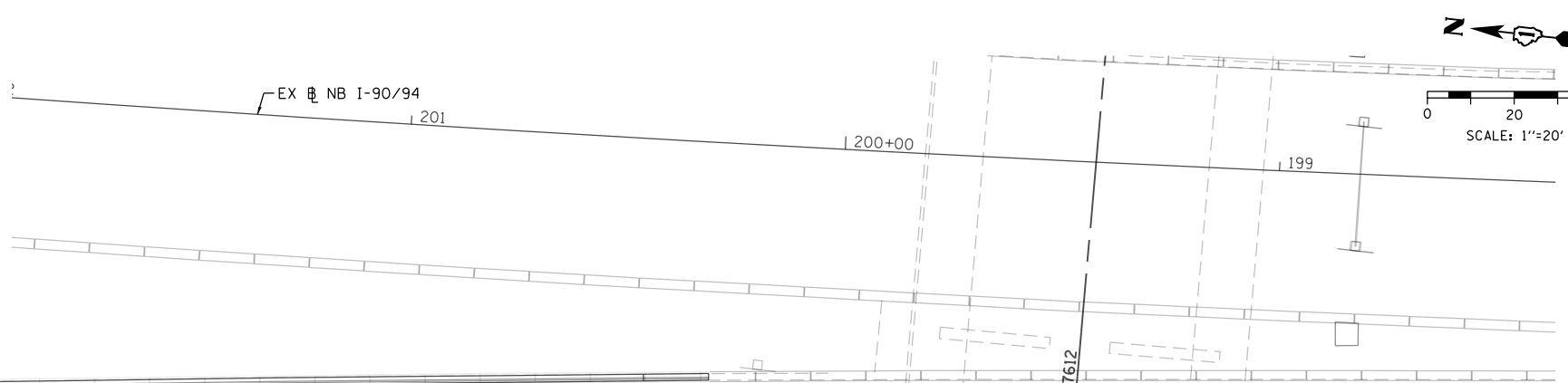
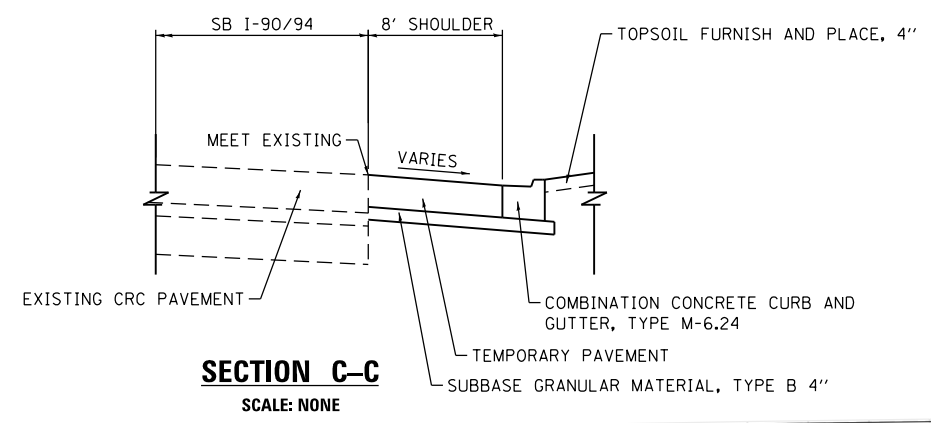
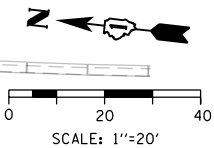
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

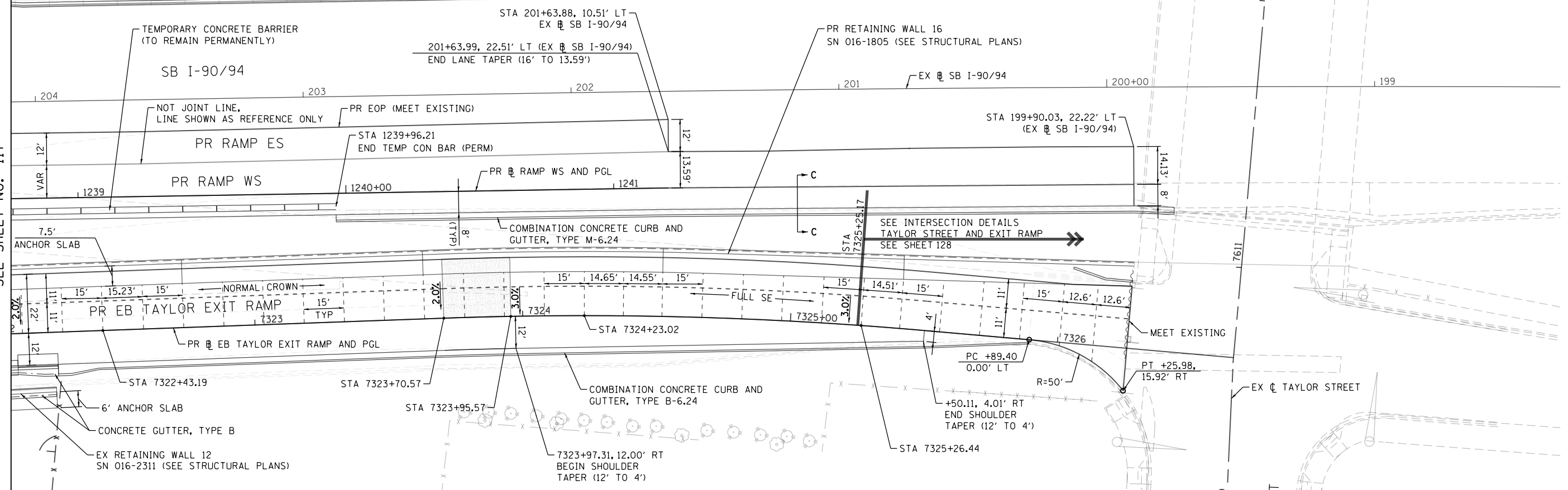
JOINTING AND PCC PAVEMENT DETAIL PLAN

SCALE: 1"=20' SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	117
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



MATCH LINE STA 1238+75 (PR EB RAMP WS) SEE SHEET NO. 117

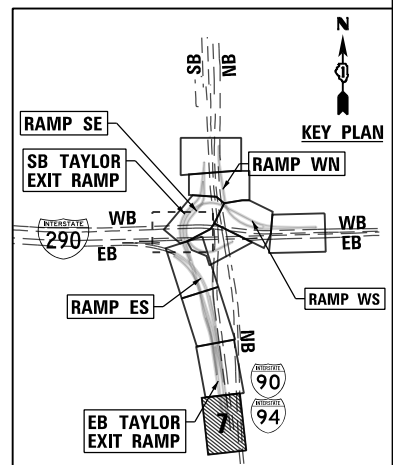


**LEGEND**

- CONSTRUCTION JOINT
  - o LONGITUDINAL CONSTRUCTION JOINT
  - 1. NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) FORMED IN PLACE OR MECHANICALLY INSERTED AT 2' C-C (STANDARD 420001-08) OR
  - 2. NO. 6 X 2' LONG DEFORMED TIE BARS (EPOXY COATED) GROUTED IN PLACE AT 2' C-C (STANDARD 420001-08)
  - o TRANSVERSE CONSTRUCTION JOINT
  - 1'-6" LONG DOWEL BARS (EPOXY COATED) AT 1' C-C (STANDARD 420101-05)
- SAWED JOINT (MAINLINE)
  - o LONGITUDINAL SAWED JOINT
  - NO. 6 X 2'-6" LONG DEFORMED TIE BARS (EPOXY COATED) AT 2'-6" C-C (STANDARD 420001-08)
  - o TRANSVERSE CONTRACTION JOINT
  - 1'-6" LONG DOWEL BARS, 1/2 DIAMETER (EPOXY COATED) AT 1' C-C (STANDARD 420001-08)
- SAWED JOINT (RAMPS)
  - o LONGITUDINAL SAWED JOINT
  - NO. 6 X 3' LONG DEFORMED TIE BARS AT 1'-6" C-C (DISTRICT STANDARD BD-49)
  - o TRANSVERSE CONTRACTION JOINT
  - 1'-6" LONG DOWEL BARS, 1/2 DIAMETER (EPOXY COATED) AT 1' C-C (DISTRICT STANDARD BD-49)
- EXPANSION JOINT
  - o 1'-6" LONG DOWEL BARS, 1/2 DIAMETER (EPOXY COATED) AT 1' C-C (STANDARD 42001-08)
- ▨ PAVEMENT CROSS SLOPE TRANSITIONS

**NOTES:**

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4. SEE SUPERELEVATION TABLE FOR SHOULDER SLOPES.
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10. SEE STANDARD 420301-07 FOR EXIT RAMP TERMINAL JOINTING INFORMATION.
11. FOR SHOULDER TRANSITIONS AT GORES, SEE GORE GRADING DETAILS.



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PLOT DATE = 7/28/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**JOINTING AND PCC PAVEMENT DETAIL PLAN**

SCALE: 1"=20' SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	118
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



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STATION RAMP SE	PAVEMENT CROSS SLOPE AND ELEVATION - RAMP SE											
	LT SHOULDER			LANE 1			PGL			RT SHOULDER		
	O/S (LT EOS)	%	ELEV.	O/S (LT EOP)	%	ELEV.	O/S	%	ELEV.	O/S (RT EOS)	%	ELEV.
1401+40.00	21.17	5.00%	581.51	16.00	5.00%	581.25	0.00	-	580.45	10.36	-5.00%	579.93
1401+48.80	22.14	5.38%	581.93	16.00	5.38%	581.60	0.00	-	580.74	9.50	-5.38%	580.23
1401+50.05	22.32	5.44%	582.00	16.00	5.44%	581.66	0.00	-	580.79	9.37	-5.44%	580.28
1401+57.59	21.76	5.76%	582.31	16.00	5.76%	581.98	0.00	-	581.06	8.50	-5.76%	580.57
1401+61.52	21.50	5.94%	582.50	16.00	5.94%	582.17	0.00	-	581.22	8.00	-5.94%	580.74
1401+63.00	21.40	6.00%	582.55	16.00	6.00%	582.23	0.00	-	581.27	8.00	-6.00%	580.79
1401+71.97	20.90	6.00%	582.90	16.00	6.00%	582.61	0.00	-	581.65	8.00	-6.00%	581.17
1401+86.35	20.33	6.00%	583.53	16.00	6.00%	583.27	0.00	-	582.31	8.00	-6.00%	581.83
1402+00.73	20.04	6.00%	584.25	16.00	6.00%	584.01	0.00	-	583.05	8.00	-6.00%	582.57
1402+01.00	20.03	6.00%	584.27	16.00	6.00%	584.03	0.00	-	583.07	8.00	-6.00%	582.59
1402+08.05	20.00	5.69%	584.60	16.00	5.69%	584.37	0.00	-	583.46	8.00	-5.69%	583.00
1402+15.10	20.00	5.39%	584.95	16.00	5.39%	584.73	0.00	-	583.87	8.00	-5.39%	583.44
1402+29.48	20.00	4.76%	585.72	16.00	4.76%	585.53	0.00	-	584.77	8.00	-4.76%	584.39
1402+43.86	20.00	4.13%	586.58	16.00	4.13%	586.41	0.00	-	585.75	8.00	-4.13%	585.42
1402+58.24	20.00	3.51%	587.49	16.00	3.51%	587.35	0.00	-	586.79	8.00	-3.51%	586.51
1402+63.75	20.00	3.27%	587.84	16.00	3.27%	587.71	0.00	-	587.19	8.00	-3.27%	586.93
1402+73.00	21.16	2.87%	588.48	16.00	2.87%	588.33	0.00	-	587.87	8.00	-2.87%	587.64
1402+79.75	22.00	2.57%	588.93	16.00	2.57%	588.77	0.00	-	588.36	8.00	-2.57%	588.15
1402+83.00	22.00	2.43%	589.13	16.00	2.43%	588.99	0.00	-	588.60	8.00	-2.43%	588.41
1402+88.00	22.00	2.21%	589.46	16.00	2.21%	589.32	0.00	-	588.97	7.43	-2.21%	588.81
1403+00.00	22.00	1.69%	590.21	16.00	1.69%	590.11	0.00	-	589.84	6.06	-1.69%	589.74
1403+03.00	22.00	1.56%	590.40	16.00	1.56%	590.31	0.00	-	590.06	5.71	-1.56%	589.97
1403+15.00	22.00	1.04%	591.17	16.00	1.04%	591.11	0.00	-	590.94	4.34	-1.04%	590.89
1403+18.00	22.00	0.91%	591.36	16.00	0.91%	591.31	0.00	-	591.16	4.00	-0.91%	591.12
1403+33.00	22.00	0.25%	592.31	16.00	0.25%	592.29	0.00	-	592.25	4.00	-0.25%	592.24
1403+38.82	22.00	0.00%	592.68	16.00	0.00%	592.68	0.00	-	592.68	4.00	0.00%	592.68
1403+48.00	22.00	-0.40%	593.26	16.00	-0.40%	593.29	0.00	-	593.35	4.00	0.40%	593.37
1403+63.00	22.00	-1.05%	594.21	16.00	-1.05%	594.27	0.00	-	594.44	4.00	1.05%	594.48
1403+78.00	22.00	-1.70%	595.17	16.00	-1.70%	595.27	0.00	-	595.54	4.00	1.70%	595.61
1403+91.71	22.00	-2.29%	596.04	16.00	-2.29%	596.17	0.00	-	596.54	4.00	2.29%	596.63
1404+06.71	22.00	-2.94%	596.98	16.00	-2.94%	597.16	0.00	-	597.63	4.00	2.94%	597.75
1404+21.40	22.00	-3.68%	597.89	16.00	-3.68%	598.11	0.00	-	598.70	4.00	3.68%	598.85
1404+35.70	22.00	-4.20%	598.83	16.00	-4.20%	599.08	0.00	-	599.75	4.00	4.20%	599.92
1404+50.70	22.00	-4.85%	599.77	16.00	-4.85%	600.06	0.00	-	600.84	4.00	4.85%	601.03

STATION TAYLOR EXIT RAMP	PAVEMENT CROSS SLOPE AND ELEVATION - SB TAYLOR EXIT RAMP											
	LT SHOULDER			LANE 1			PGL			RT SHOULDER		
	O/S (LT EOS)	%	ELEV.	O/S (LT EOP)	%	ELEV.	O/S	%	ELEV.	O/S (RT EOS)	%	ELEV.
6404+00.00	24.46	-2.00%	579.44	16.00	6.00%	579.61	0.00	-	578.65	8.00	-6.00%	578.17
6404+08.01	23.20	-2.00%	579.58	16.00	6.00%	579.72	0.00	-	578.76	8.00	-6.00%	578.28
6404+13.92	22.53	-2.00%	579.69	16.00	6.00%	579.82	0.00	-	578.86	8.00	-6.00%	578.38
6404+21.05	22.00	-2.33%	579.77	16.00	5.67%	579.91	0.00	-	579.00	8.00	-5.67%	578.55
6404+22.38	22.00	-2.39%	579.78	16.00	5.61%	579.93	0.00	-	579.03	8.00	-5.61%	578.58
6404+36.76	22.00	-3.05%	580.00	16.00	4.95%	580.18	0.00	-	579.39	8.00	-4.95%	578.99
6404+51.14	22.00	-3.72%	580.30	16.00	4.28%	580.52	0.00	-	579.84	8.00	-4.28%	579.50
6404+65.52	22.00	-4.00%	580.72	16.00	3.62%	580.96	0.00	-	580.38	8.00	-3.62%	580.09
6404+79.90	22.00	-4.00%	581.24	16.00	2.95%	581.48	0.00	-	581.01	8.00	-2.95%	580.77
6404+94.72	22.00	-4.00%	581.88	16.00	2.27%	582.12	0.00	-	581.76	8.00	-2.27%	581.58
6405+07.34	22.00	-4.00%	582.51	16.00	1.69%	582.75	0.00	-	582.48	8.00	-1.69%	582.34
6405+09.72	22.00	-4.00%	582.63	16.00	1.58%	582.87	0.00	-	582.62	7.70	-1.58%	582.50
6405+24.72	22.00	-4.00%	583.47	16.00	0.89%	583.71	0.00	-	583.57	5.83	-0.89%	583.52
6405+39.34	22.00	-4.00%	584.31	16.00	0.21%	584.55	0.00	-	584.52	4.00	-0.21%	584.51
6405+39.72	22.00	-4.00%	584.34	16.00	0.19%	584.58	0.00	-	584.55	4.00	-0.19%	584.54
6405+43.92	22.00	-4.00%	584.58	16.00	0.00%	584.82	0.00	-	584.82	4.00	0.00%	584.82
6405+49.34	22.00	-4.00%	584.89	16.00	-0.25%	585.13	0.00	-	585.17	4.00	0.25%	585.18
6405+62.30	22.00	-4.00%	585.64	16.00	-0.85%	585.88	0.00	-	586.02	4.00	0.85%	586.05
6405+75.47	22.00	-4.00%	586.40	16.00	-1.46%	586.64	0.00	-	586.87	4.00	1.46%	586.93
6405+88.63	22.00	-4.00%	587.16	16.00	-2.07%	587.40	0.00	-	587.73	4.00	2.07%	587.81
6406+01.66	22.00	-4.00%	587.91	16.00	-2.67%	588.15	0.00	-	588.58	4.00	2.67%	588.69
6406+14.61	22.00	-4.00%	588.66	16.00	-3.27%	588.90	0.00	-	589.42	4.00	3.27%	589.55
6406+29.36	22.00	-4.00%	589.51	16.00	-3.96%	589.75	0.00	-	590.38	4.00	3.96%	590.54
6406+44.11	22.00	-4.64%	590.32	16.00	-4.64%	590.60	0.00	-	591.34	4.00	4.64%	591.53
6406+51.92	22.00	-5.00%	590.75	16.00	-5.00%	591.05	0.00	-	591.85	4.00	5.00%	592.05
6406+58.86	22.00	-5.00%	591.20	16.00	-5.00%	591.50	0.00	-	592.30	4.00	5.00%	592.50
6406+73.58	22.00	-5.00%	592.15	16.00	-5.00%	592.45	0.00	-	593.25	4.00	5.00%	593.45
6406+86.66	22.00	-5.00%	593.00	16.00	-5.00%	593.30	0.00	-	594.10	4.00	5.00%	594.30
6406+99.74	22.00	-5.00%	593.86	16.00	-5.00%	594.16	0.00	-	594.96	4.00	5.00%	595.16
6407+15.27	22.00	-5.00%	594.87	16.00	-5.00%	595.17	0.00	-	595.97	4.00	5.00%	596.17
6407+27.62	22.00	-5.00%	595.67	-	-	-	0.00	-	596.77	-	-	-
6407+30.27	-	-	-	16.00	-5.00%	596.14	0.00	-	596.94	-	-	-
6407+33.64	-	-	-	-	-	-	0.00	-	597.16	-	-	-
6407+36.84	-	-	-	-	-	-	0.00	-	597.37	-	-	-
6407+38.37	-	-	-	-	-	-	0.00	-	597.47	4.00	5.00%	597.67



DI60X93-SHT-SUPERELEVATION-02.dgn	DESIGNED - WCH	REVISED -
USER NAME = msbilliot	DRAWN - WCH	REVISED -
PLOT SCALE = 40.0000' / in.	CHECKED - MJL	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUPERELEVATION TRANSITION DETAILS</b>			
SCALE: NONE	SHEET 2	OF 2 SHEETS	STA. TO STA.

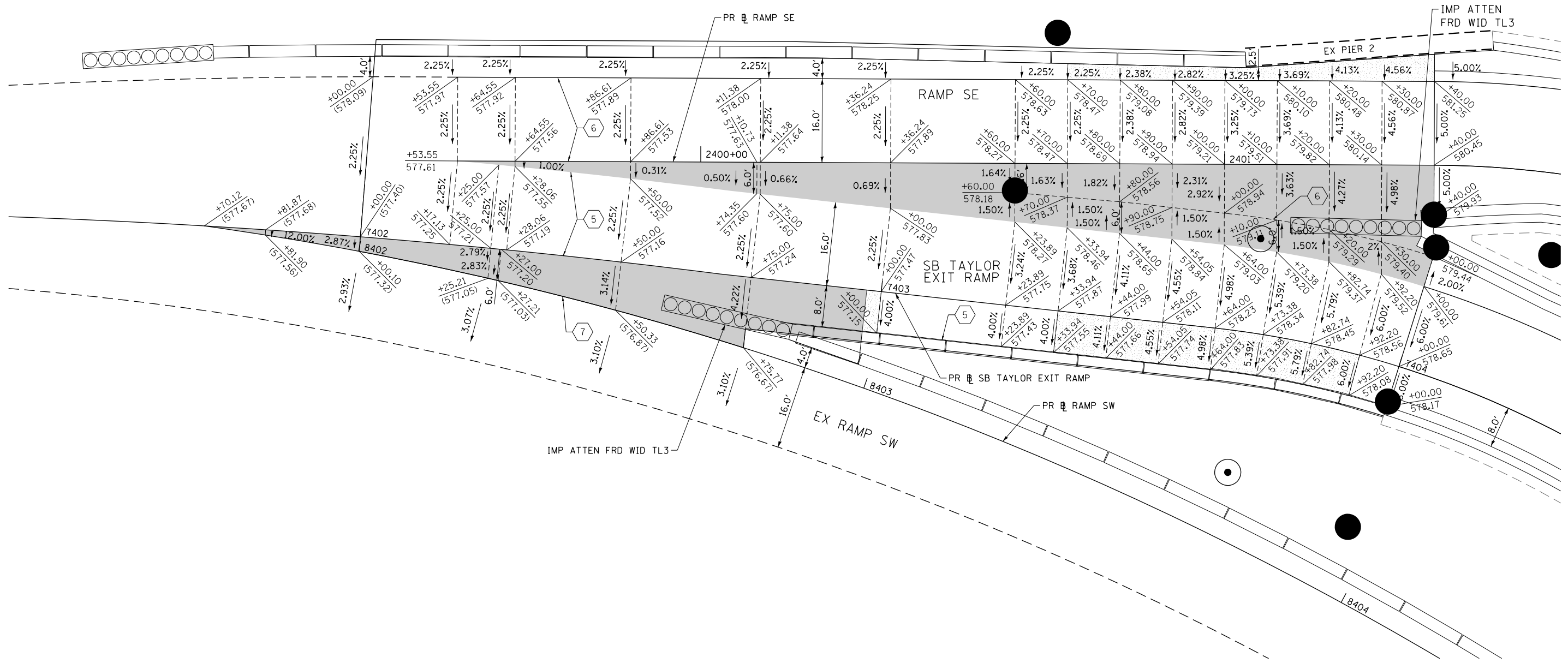
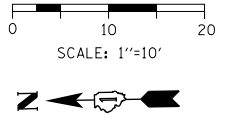
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	120
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

**LEGEND**

- (599.00) EXISTING ELEVATION
- 599.00 PROPOSED ELEVATION
- PROPOSED GORE
- SHOULDER CROSS SLOPE TRANSITIONS

**NOTES:**

- PARTIAL STATIONING ARE BASED ON THE FOLLOWING BASELINES:
  - 1 EX SB I-90/94
  - 2 PR RAMP ES
  - 3 PR RAMP WS
  - 4 PR EB TAYLOR EXIT RAMP
  - 5 PR SB TAYLOR EXIT RAMP
  - 6 PR RAMP SE
  - 7 EX RAMP SW



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D160X93-SHT-GORE-DETAIL-01.dgn	DESIGNED -	REVISED -
USER NAME = msbilliot	DRAWN -	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>GORE GRADING DETAILS</b>		
<b>RAMP SE, RAMP SW AND SB TAYLOR EXIT RAMP</b>		
SCALE: 1" = 10'	SHEET 1	OF 4 SHEETS
STA.	TO STA.	

F.A.I. RTE. 90/94/290	SECTION 2014-013R&B-R	COUNTY COOK	TOTAL SHEETS 1972	SHEET NO. 121
ILLINOIS FED. AID PROJECT				

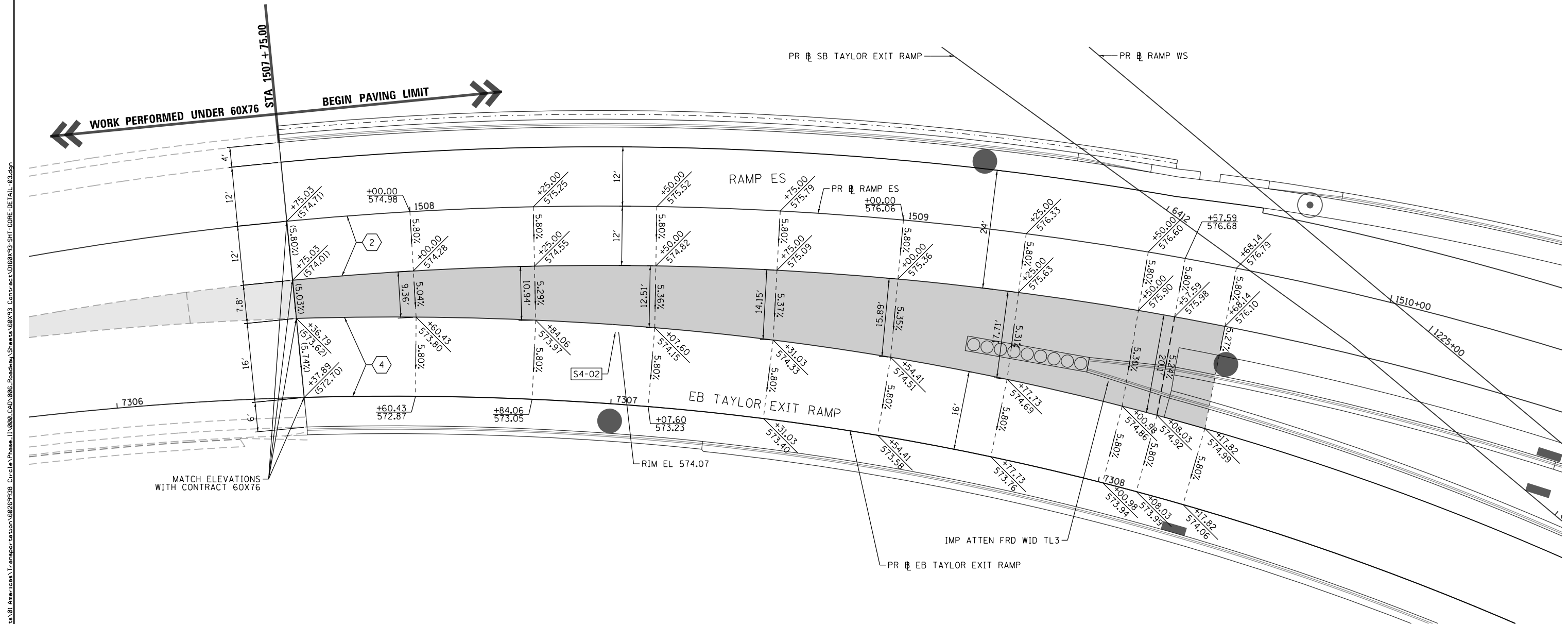
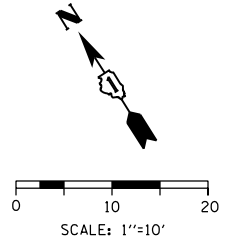
CONTRACT NO. 60X93

**LEGEND**

- (599.00) EXISTING ELEVATION
- 599.00 PROPOSED ELEVATION
- █ PROPOSED GORE

**NOTES:**

1. PARTIAL STATIONING ARE BASED ON THE FOLLOWING BASELINES:
  - ① EX SB I-90/94
  - ② PR RAMP ES
  - ③ PR RAMP WS
  - ④ PR EB TAYLOR EXIT RAMP



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D160X93-SHT-GORE-DETAIL-03.dgn	DESIGNED - OPS	REVISED -
USER NAME = PIMSARNO	DRAWN - OPS	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 7/27/2018	DATE - 7/30/2018	REVISED -

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

<b>GORE GRADING DETAILS</b> <b>RAMP ES AND EB TAYLOR EXIT RAMP</b>			
SCALE: 1" = 10'	SHEET 2	OF 4 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	122
<b>CONTRACT NO. 60X93</b>				
ILLINOIS FED. AID PROJECT				

**LEGEND**

- (599.00) EXISTING ELEVATION
- 599.00 PROPOSED ELEVATION
- PROPOSED GORE
- SHOULDER CROSS SLOPE TRANSITIONS

**NOTES:**

1. PARTIAL STATIONING ARE BASED ON THE FOLLOWING BASELINES:
  - ① EX SB I-90/94
  - ② PR RAMP ES
  - ③ PR RAMP WS
  - ④ PR EB TAYLOR EXIT RAMP

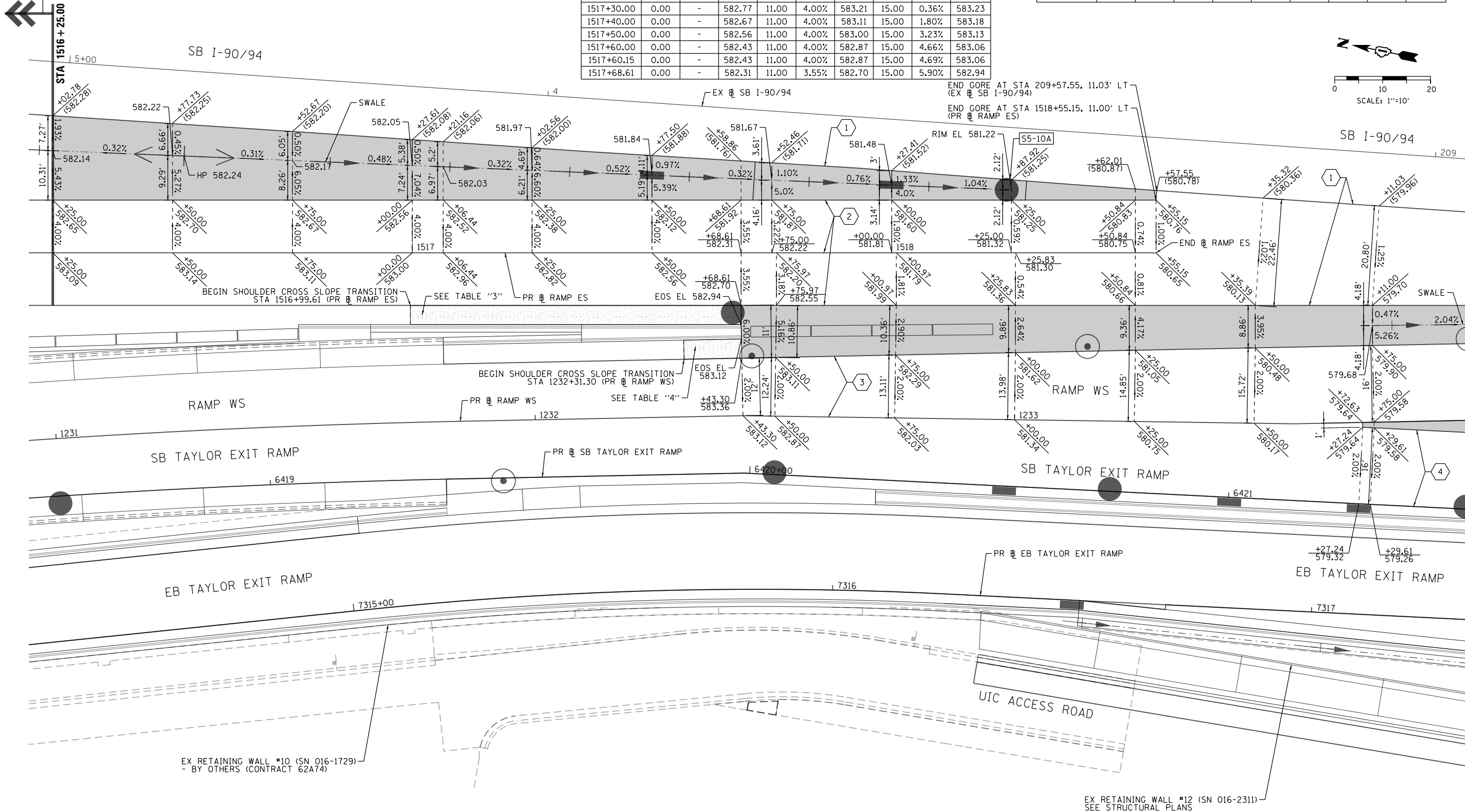
**TABLE "3"**

STATION RAMP ES	SHOULDER CROSS SLOPE AND ELEVATION - RAMP ES								
	PGL			LANE 2			RT SHOULDER		
	O/S	%	ELEV.	O/S (RT EOS)	%	ELEV.	O/S (RT EOS)	%	ELEV.
1516+99.61	0.00	-	583.00	11.00	4.00%	583.44	15.00	-4.00%	583.28
1517+00.00	0.00	-	583.00	11.00	4.00%	583.44	15.00	-3.94%	583.28
1517+10.00	0.00	-	582.94	11.00	4.00%	583.38	15.00	-2.51%	583.28
1517+20.00	0.00	-	582.86	11.00	4.00%	583.30	15.00	-1.07%	583.26
1517+30.00	0.00	-	582.77	11.00	4.00%	583.21	15.00	0.36%	583.23
1517+40.00	0.00	-	582.67	11.00	4.00%	583.11	15.00	1.80%	583.18
1517+50.00	0.00	-	582.56	11.00	4.00%	583.00	15.00	3.23%	583.13
1517+60.00	0.00	-	582.43	11.00	4.00%	582.87	15.00	4.66%	583.06
1517+60.15	0.00	-	582.43	11.00	4.00%	582.87	15.00	4.69%	583.06
1517+68.61	0.00	-	582.31	11.00	3.55%	582.70	15.00	5.90%	582.94

**TABLE "4"**

STATION RAMP WS	SHOULDER CROSS SLOPE AND ELEVATION - RAMP WS								
	LT SHOULDER			LANE 1			PGL		
	O/S (LT EOS)	%	ELEV.	O/S (LT EOP)	%	ELEV.	O/S	%	ELEV.
1232+32.30	16.00	-4.43%	583.66	12.00	2.00%	583.84	0.00	-	583.60
1232+40.00	16.00	-5.53%	583.27	12.00	2.00%	583.49	0.00	-	583.25
1232+43.30	16.00	-6.00%	583.12	12.00	2.00%	583.36	0.00	-	583.12

SEE PAVEMENT ELEVATION DETAILS  
SEE SHEET NO. 125



MATCH LINE STA 1519+20.00 (PR RAMP ES)  
SEE SHEET NO. 124

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D160X93-SHT-GORE-DETAIL-04.dgn  
 USER NAME = PIMSARNO  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 7/27/2018

DESIGNED - OPS	REVISED -
DRAWN - OPS	REVISED -
CHECKED - MJE	REVISED -
DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**GORE GRADING DETAILS  
SB I-90/94 AND RAMP ES /RAMP ES AND WS**

SCALE: 1"=10' SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	123
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

**LEGEND**

- (+599.00) EXISTING ELEVATION
- 599.00 PROPOSED ELEVATION
- PROPOSED GORE
- SHOULDER CROSS SLOPE TRANSITIONS

**NOTES:**

1. PARTIAL STATIONING ARE BASED ON THE FOLLOWING BASELINES:
  - ① EX SB I-90/94
  - ② PR RAMP ES
  - ③ PR RAMP WS
  - ④ PR EB TAYLOR EXIT RAMP
  - ⑤ PR SB TAYLOR EXIT RAMP

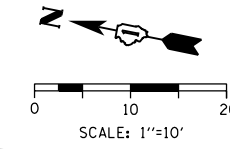
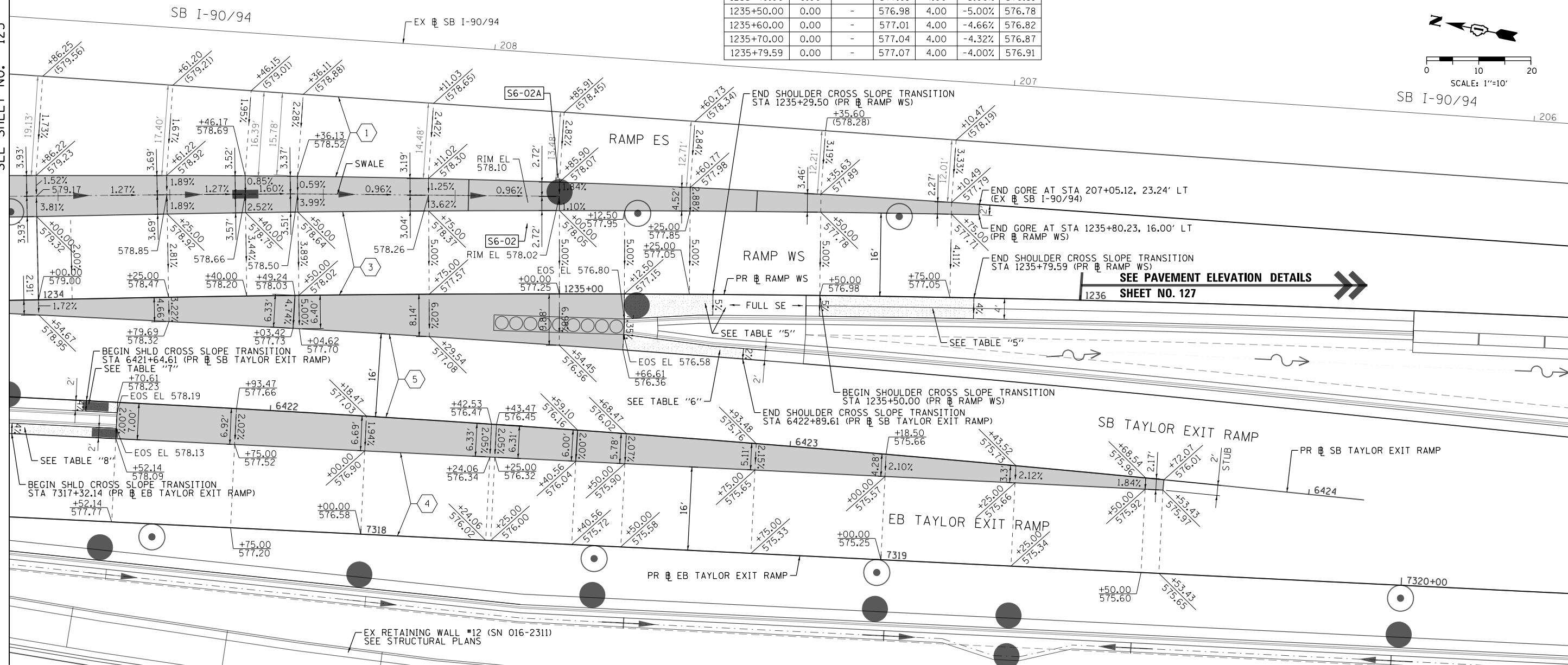
**TABLE "5"**

STATION RAMP WS	SHOULDER CROSS SLOPE AND ELEVATION - RAMP WS					
	PGL			RT SHOULDER		
	O/S	%	ELEV.	O/S (RT EOS)	%	ELEV.
1235+12.50	0.00	-	577.15	4.79	-7.35%	576.80
1235+20.00	0.00	-	577.09	4.38	-6.31%	576.82
1235+26.81	0.00	-	577.05	4.00	-5.37%	576.83
1235+29.50	0.00	-	577.04	4.00	-5.00%	576.84
1235+30.00	0.00	-	577.04	4.00	-5.00%	576.84
1235+40.00	0.00	-	577.01	4.00	-5.00%	576.81
1235+50.00	0.00	-	576.98	4.00	-5.00%	576.78
1235+60.00	0.00	-	577.01	4.00	-4.66%	576.82
1235+70.00	0.00	-	577.04	4.00	-4.32%	576.87
1235+79.59	0.00	-	577.07	4.00	-4.00%	576.91

**TABLE "6"**

STATION SB TAYLOR EXIT RAMP	SHOULDER CROSS SLOPE AND ELEVATION - SB TAYLOR EXIT RAMP								
	PGL			LANE			LT SHOULDER		
	O/S	%	ELEV.	O/S (LT EOP)	%	ELEV.	O/S (LT EOS)	%	ELEV.
6422+66.61	0.00	-	576.04	16.00	2.00%	576.36	18.95	7.35%	576.58
6422+70.00	0.00	-	576.00	16.00	2.00%	576.32	18.75	6.56%	576.50
6422+80.00	0.00	-	575.88	16.00	2.00%	576.20	18.19	4.24%	576.29
6422+83.56	0.00	-	575.84	16.00	2.00%	576.16	18.00	3.41%	576.23
6422+89.61	0.00	-	575.79	16.00	2.00%	576.11	18.00	2.00%	576.15

MATCH LINE STA 1519+20.00 (PR RAMP ES) SEE SHEET NO. 123



**TABLE "7"**

STATION SB TAYLOR EXIT RAMP	SHOULDER CROSS SLOPE AND ELEVATION - SB TAYLOR EXIT RAMP					
	PGL			RT SHOULDER		
	O/S	%	ELEV.	O/S (RT EOS)	%	ELEV.
6421+64.61	0.00	-	578.38	2.00	-4.00%	578.30
6421+70.00	0.00	-	578.25	2.00	-2.20%	578.20
6421+70.61	0.00	-	578.23	2.00	-2.00%	578.19

**TABLE "8"**

STATION EB TAYLOR EXIT RAMP	SHOULDER CROSS SLOPE AND ELEVATION - EB TAYLOR EXIT RAMP								
	LT SHOULDER			LANE 1			PGL		
	O/S (LT EOS)	%	ELEV.	O/S (LT EOP)	%	ELEV.	O/S	%	ELEV.
7317+32.14	18.00	-4.00%	578.50	16.00	2.00%	578.58	0.00	-	578.26
7317+40.00	18.00	-1.64%	578.36	16.00	2.00%	578.39	0.00	-	578.07
7317+50.00	18.00	1.36%	578.17	16.00	2.00%	578.14	0.00	-	577.82
7317+52.14	18.00	2.00%	578.13	16.00	2.00%	578.09	0.00	-	577.77

FILE PATH = P:\60288727\000\_CAD\006\_Roadway\Print\mg\60x93\_20180726-Final\CADD\0160x93-SHT-GORE-DETAIL-05.dgn



D160X93-SHT-GORE-DETAIL-05.dgn  
 USER NAME = dishevo2  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 7/26/2018

DESIGNED - OPS  
 DRAWN - OPS  
 CHECKED - MJE  
 DATE - 7/30/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**GORE GRADING DETAILS**  
**RAMP ES/RAMP WS/SB TAYLOR EXIT RAMP/EB TAYLOR EXIT RAMP**

SCALE: 1"=10' SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	124
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



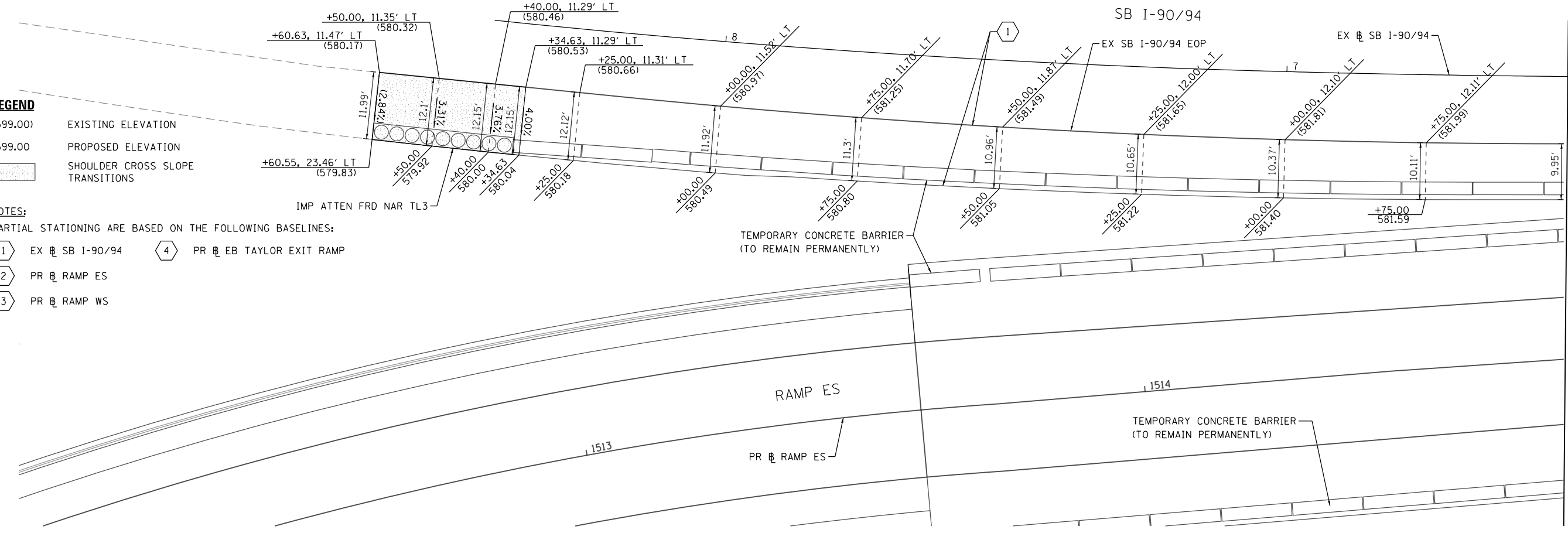
**LEGEND**

- (599.00) EXISTING ELEVATION
- 599.00 PROPOSED ELEVATION
- SHOULDER CROSS SLOPE TRANSITIONS

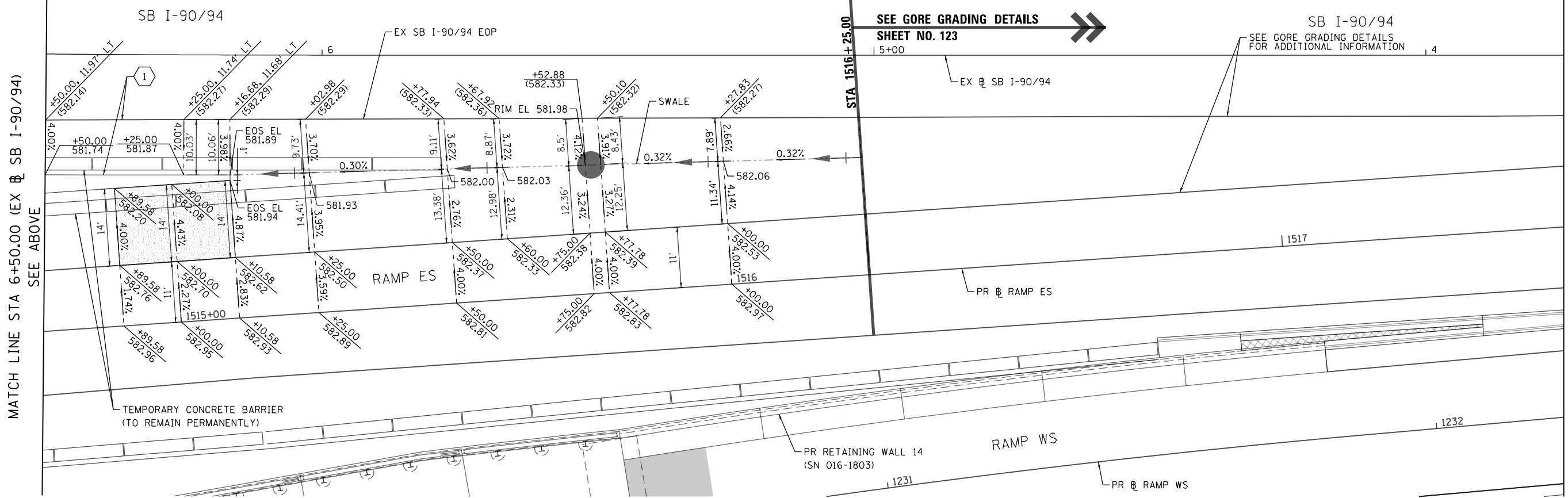
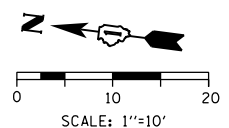
**NOTES:**

1. PARTIAL STATIONING ARE BASED ON THE FOLLOWING BASELINES:

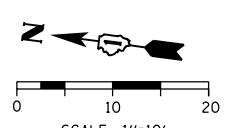
- EX SB I-90/94
- PR RAMP ES
- PR RAMP WS
- PR EB TAYLOR EXIT RAMP



MATCH LINE STA 6+50.00 (EX SB I-90/94)  
SEE BELOW



MATCH LINE STA 3+75.00 (EX SB I-90/94)  
SEE SHEET NO. 126



FILE PATH = p:\61749-PMINT\pawson\line\local\AECOM\_D592\_NA\Documents\01\_Americas\Tran\engor\station\60265938\_Circle\Phase\_11\000\_CAD\006\_Roadway\Sheets\60x93\_Contract\0160x93-SHT\_PAVEMENT-ELEVATION-01.dgn



D160X93-SHT-PAVEMENT-ELEVATION-01.dgn  
 USER NAME = PIMSARN0  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 7/27/2018

DESIGNED - AFC  
 DRAWN - AFC  
 CHECKED - MJE  
 DATE - 7/30/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

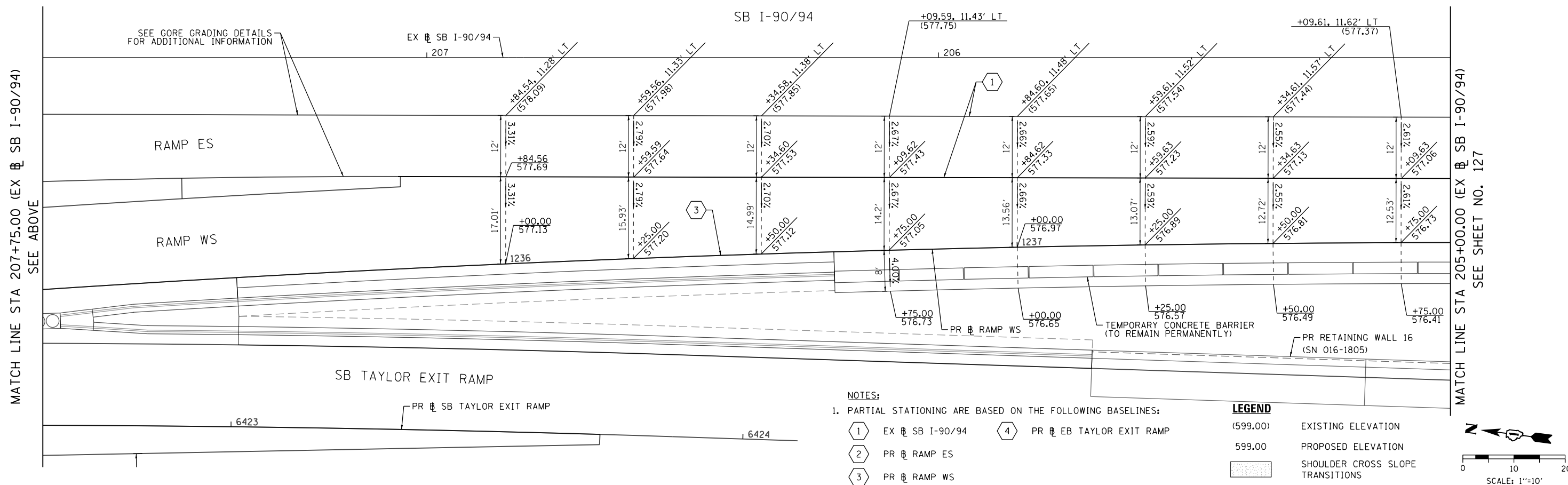
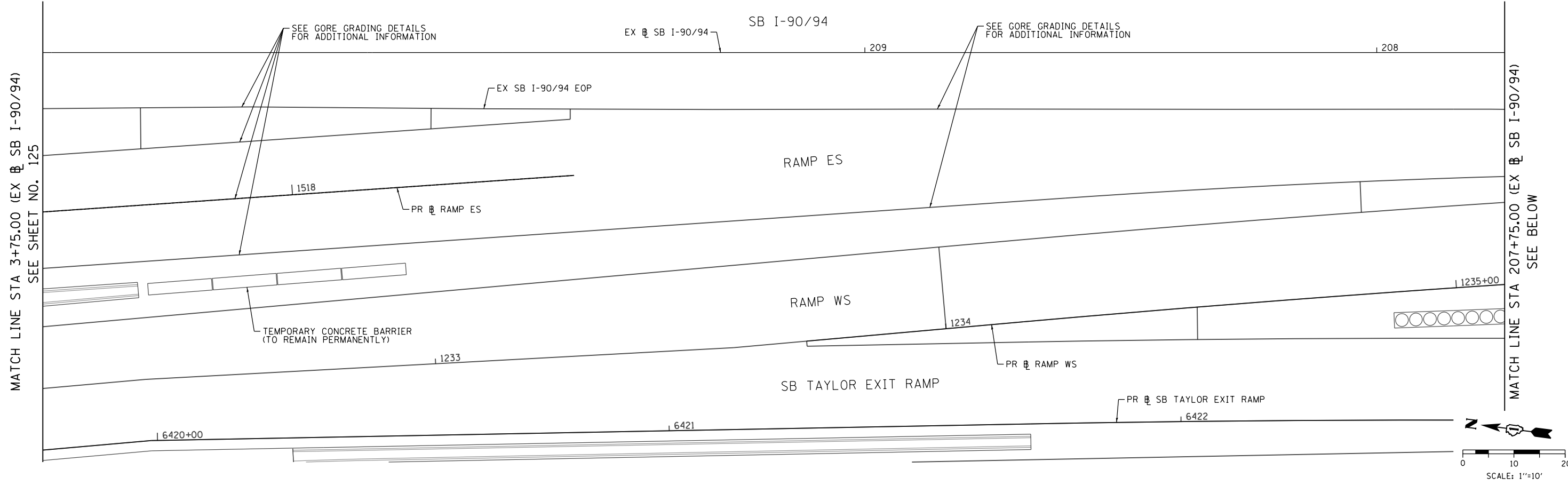
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT ELEVATION DETAILS  
 SB I-90/94 AND RAMP ES**

SCALE: SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	125
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\617979-PM\INT.dwg; PROJECT = AMERICAN TOWER ENGINEERING; LOCATION = 60269938 Circle Phase 11; ROAD\_CD = 006; ROADWAY\_SHEETS = 60X93; CONTRACT = 0160X93-SHT-PAVEMENT-ELEVATION-02.dgn



**NOTES:**

- PARTIAL STATIONING ARE BASED ON THE FOLLOWING BASELINES:

1	EX SB I-90/94	4	PR EB TAYLOR EXIT RAMP
2	PR RAMP ES		
3	PR RAMP WS		

**LEGEND**

(599.00)	EXISTING ELEVATION
599.00	PROPOSED ELEVATION
[Pattern]	SHOULDER SLOPE TRANSITIONS



D160X93-SHT-PAVEMENT-ELEVATION-02.dgn  
 USER NAME = PIMSARNO  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 7/27/2018

DESIGNED - AFC  
 DRAWN - AFC  
 CHECKED - MJE  
 DATE - 7/30/2018

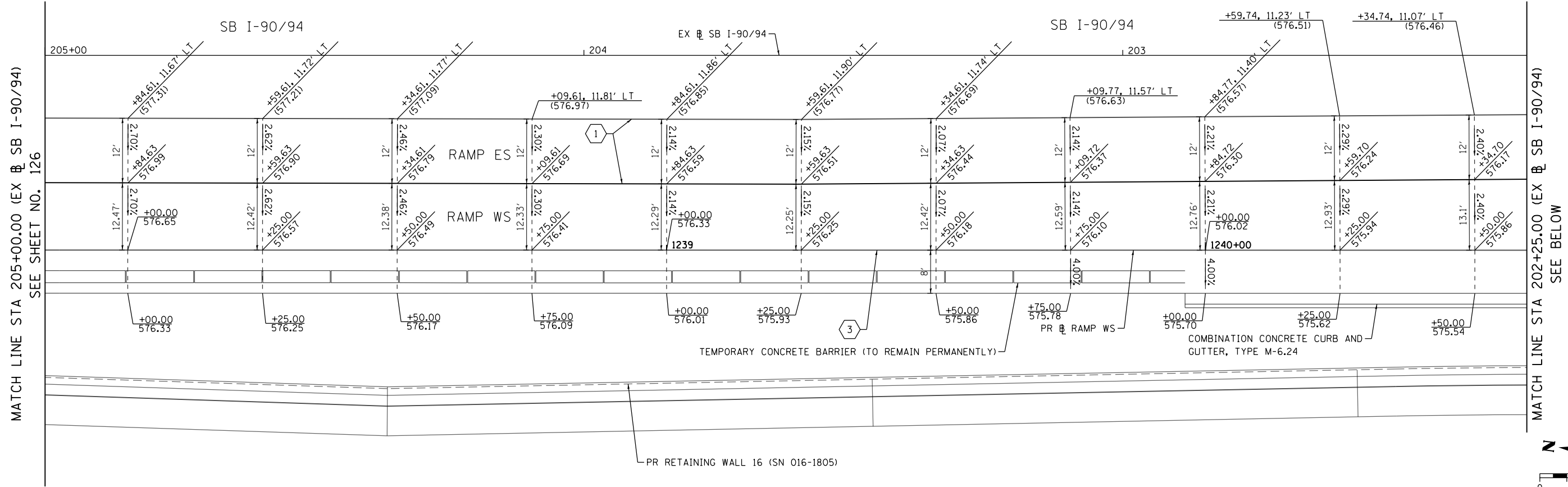
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 REVISED -  
 REVISED -  
 REVISED -

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

**PAVEMENT ELEVATION DETAILS**  
**SB I-90/94 - RAMP ES - RAMP WS**  
 SCALE: 1"=10'  
 SHEET 2 OF 3 SHEETS  
 STA. TO STA.

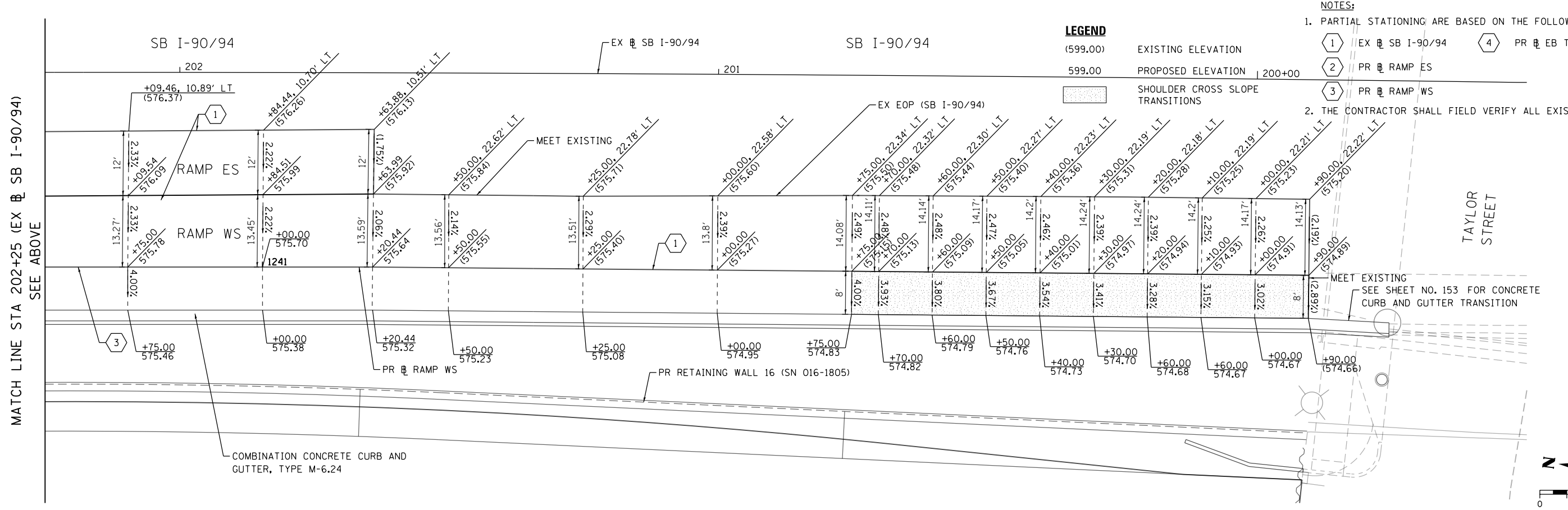
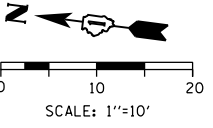
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	126
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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SEE SHEET NO. 126

SEE BELOW

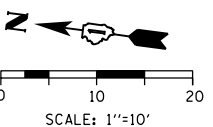


SEE ABOVE

**LEGEND**

(599.00)	EXISTING ELEVATION
599.00	PROPOSED ELEVATION
[Shaded Box]	SHOULDER CROSS SLOPE TRANSITIONS

- NOTES:**
- PARTIAL STATIONING ARE BASED ON THE FOLLOWING BASELINES:
    - 1 EX SB I-90/94
    - 2 PR RAMP ES
    - 3 PR RAMP WS
    - 4 PR EB TAYLOR EXIT RAMP
  - THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ELEVATIONS.



D160X93-SHT-PAVEMENT-ELEVATION-03.dgn  
 USER NAME = PIMSARN0  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 7/28/2018

DESIGNED - AFC  
 DRAWN - AFC  
 CHECKED - MJE  
 DATE - 7/30/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

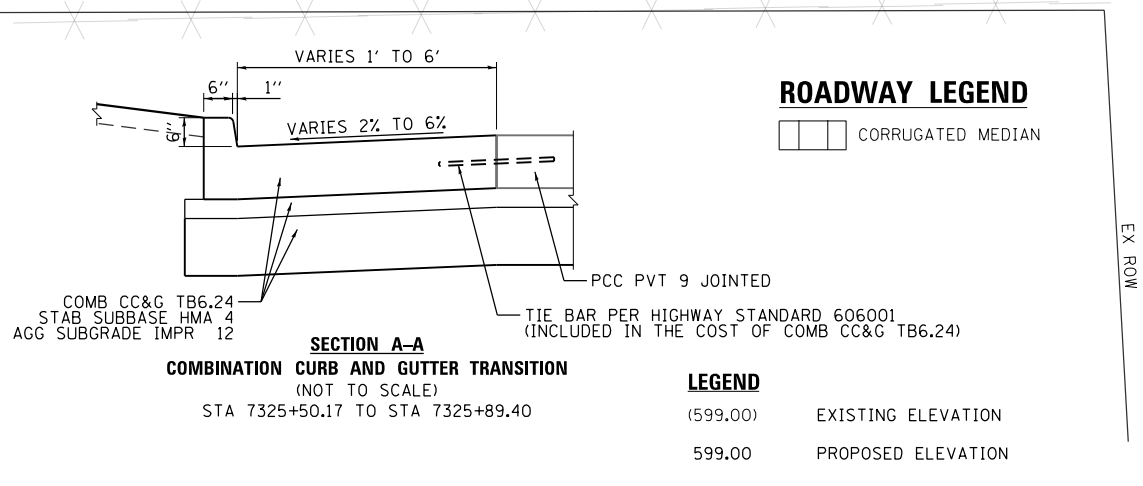
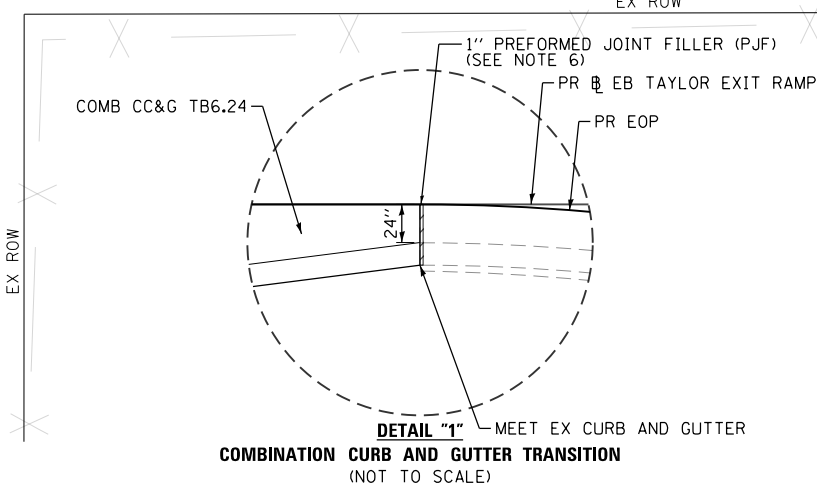
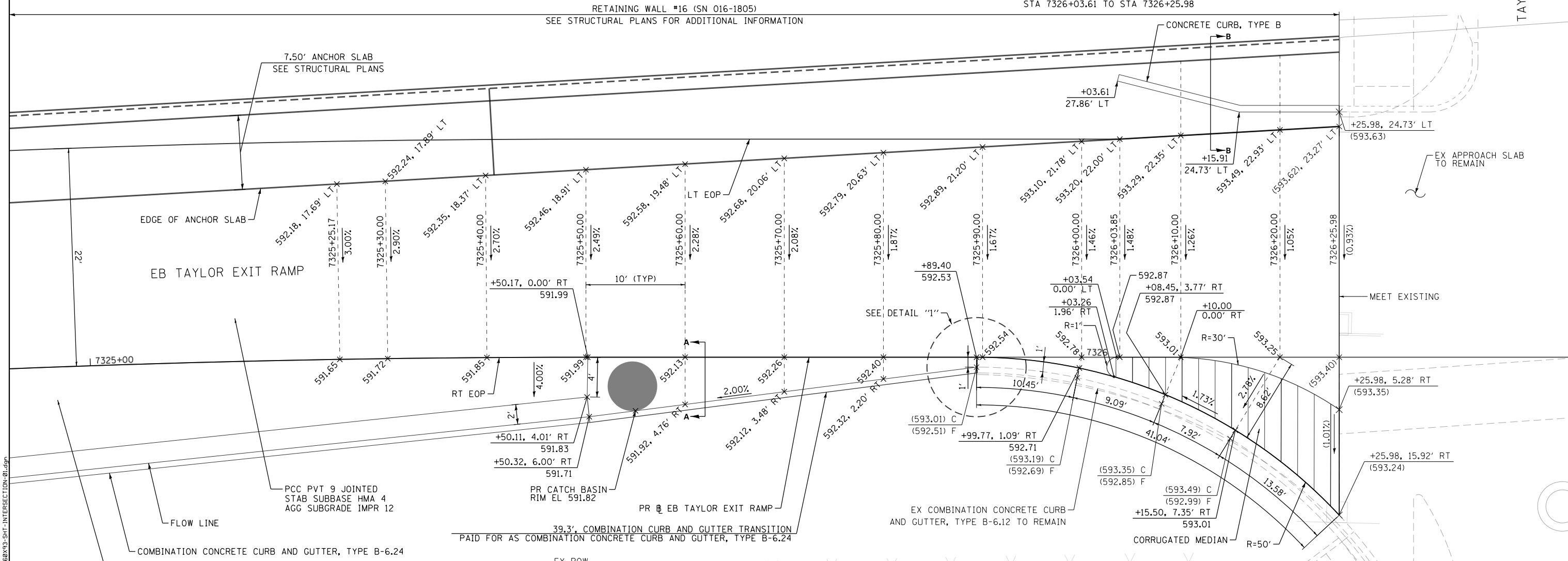
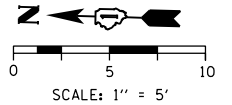
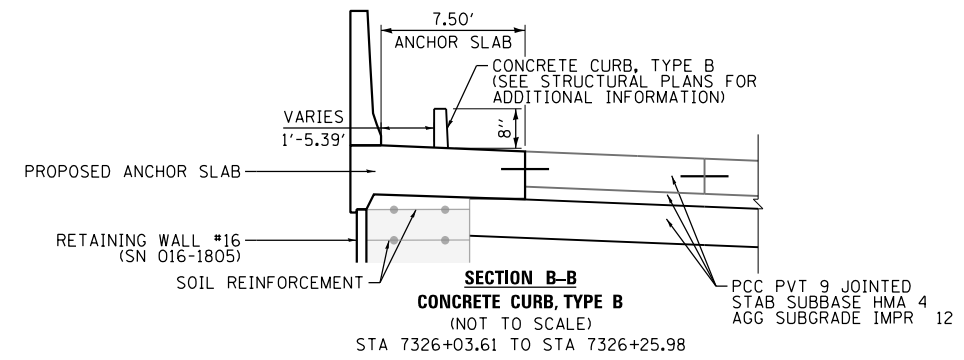
**PAVEMENT ELEVATION DETAILS  
 SB I-90/94 - RAMP ES - RAMP WS**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	127
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

**NOTES:**

- SEE DRAINAGE SCHEDULE AND PLANS FOR STRUCTURE INFORMATION.
- CURB HEIGHT IS 6" UNLESS OTHERWISE NOTED.
- ALL ELEVATIONS AND GRADES NOT SHOWN SHALL FOLLOW THE TYPICAL SECTIONS AND PROFILES.
- ELEVATIONS ARE PROVIDED AT FLOW LINE (F) AND TOP OF CURB (C) UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ELEVATIONS.
- PREFORMED JOINT FILLER INCLUDED IN THE COST OF THE COMBINATION CURB AND GUTTER.
- ALL STATIONING AND OFFSETS ARE TAKEN FROM PR EB TAYLOR EXIT RAMP.
- SEE JOINTING AND PCC PAVEMENT DETAIL SHEETS FOR JOINTING.



**ROADWAY LEGEND**



**LEGEND**

(599.00)	EXISTING ELEVATION
599.00	PROPOSED ELEVATION

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**INTERSECTION DETAILS  
TAYLOR STREET AND EB TAYLOR EXIT RAMP**

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	128
CONTRACT NO. 60X93				

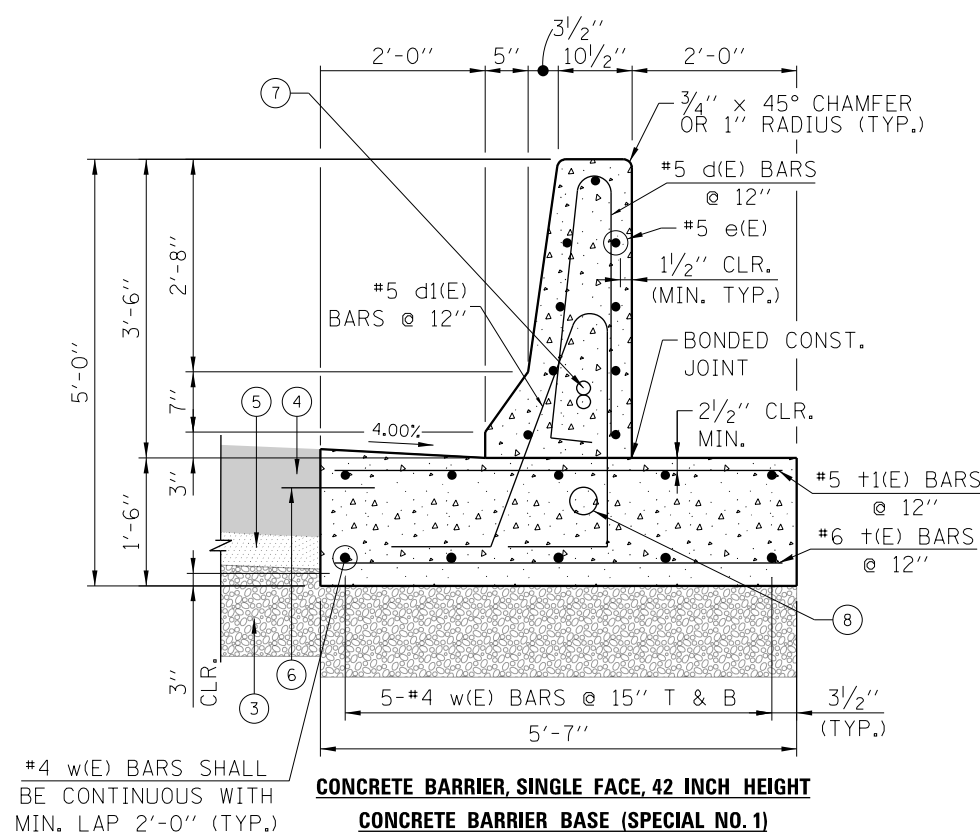
SCALE: 1" = 5' SHEET 1 OF 1 SHEETS STA. TO STA.



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USER NAME = dishevoez	DRAWN - OPS	REVISED -
PLOT SCALE = 10.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 7/26/2018	DATE - 7/30/2018	REVISED -

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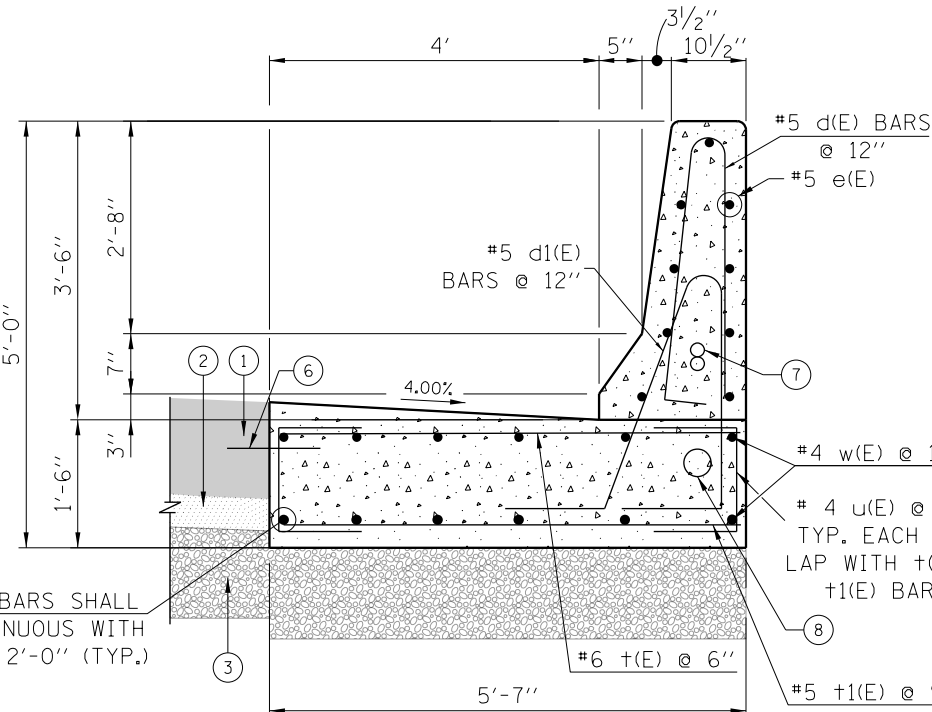


#4 w(E) BARS SHALL BE CONTINUOUS WITH MIN. LAP 2'-0" (TYP.)

**CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT  
CONCRETE BARRIER BASE (SPECIAL NO. 1)**

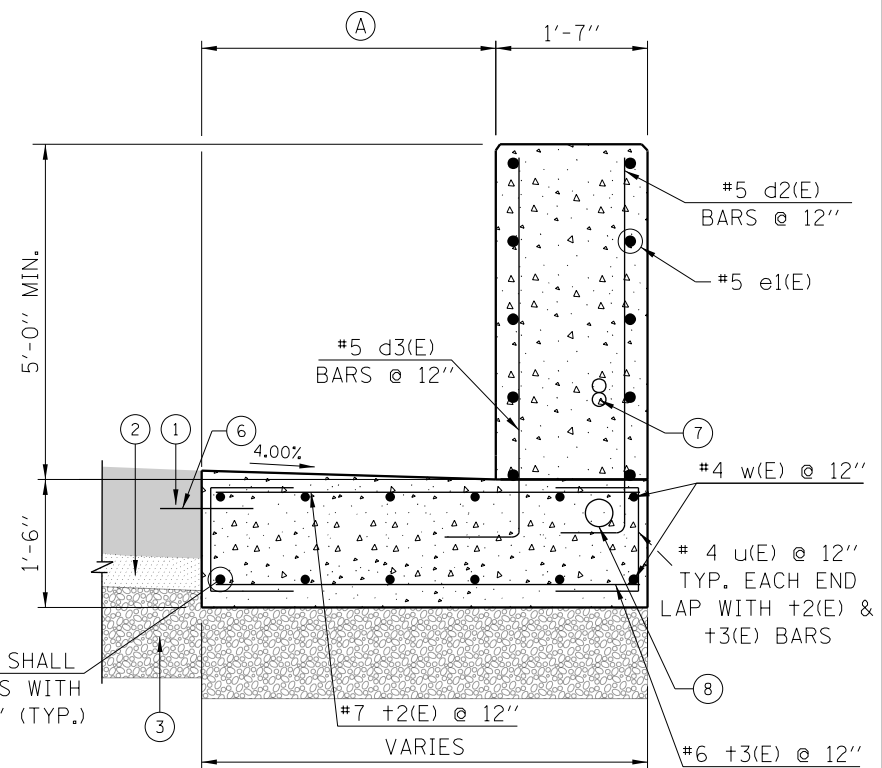
**LEGEND:**

- ① PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED): 9", 11" OR 11 1/4"
- ② STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- ③ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ④ PORTLAND CEMENT CONCRETE SHOULDERS: 9", 11" OR 11 1/4"
- ⑤ SUBBASE GRANULAR MATERIAL, TYPE B 4"
- ⑥ EPOXY COATED TIE BARS, NO. 8, 2'-6" LONG @ 2'-0" C-C (ADJACENT TO PCC PAVEMENT OR SHOULDER)
- ⑦ 2-2" DIAMETER CONDUITS IN BARRIER, LOCATIONS AS SPECIFIED IN ELECTRICAL OR ITS PLANS
- ⑧ 1-4" DIAMETER CONDUIT, LOCATIONS AS SPECIFIED IN ELECTRICAL OR ITS PLANS



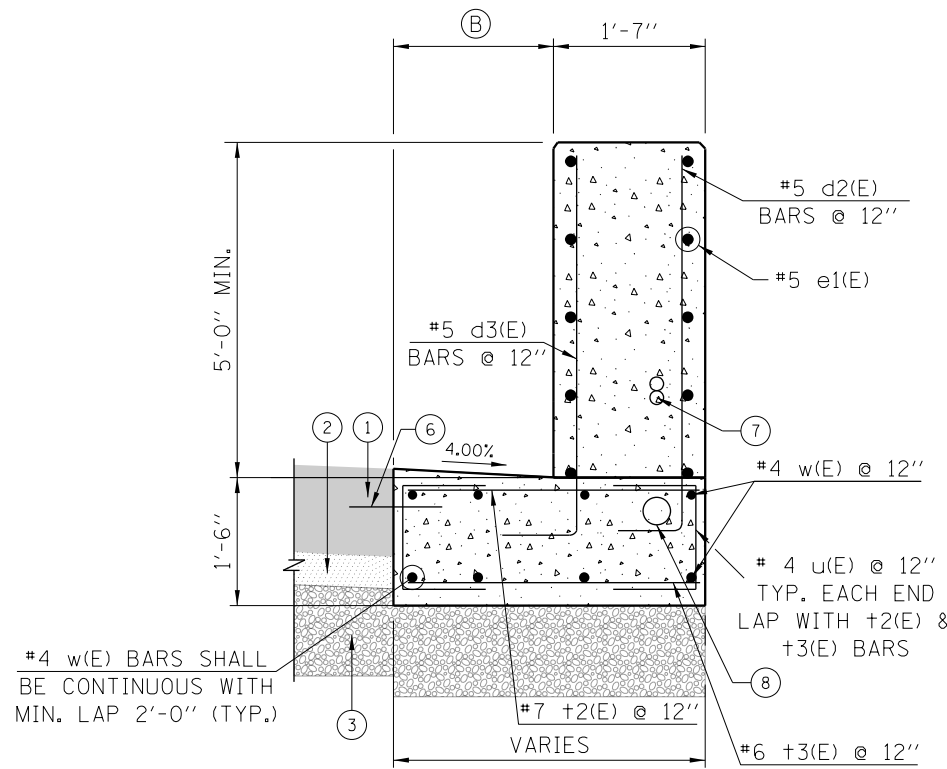
#4 w(E) BARS SHALL BE CONTINUOUS WITH MIN. LAP 2'-0" (TYP.)

**CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT  
CONCRETE BARRIER BASE (SPECIAL NO. 2)**



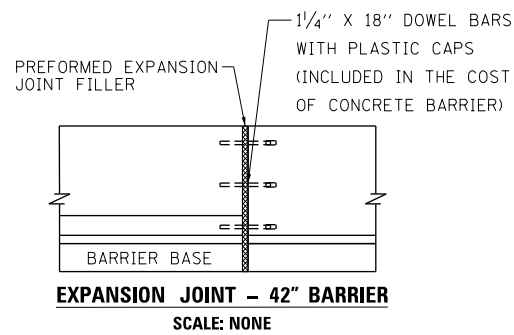
#4 w(E) BARS SHALL BE CONTINUOUS WITH MIN. LAP 2'-0" (TYP.)

**CONCRETE BARRIER WALL (SPECIAL NO. 1)  
CONCRETE BARRIER BASE (SPECIAL NO. 3)**



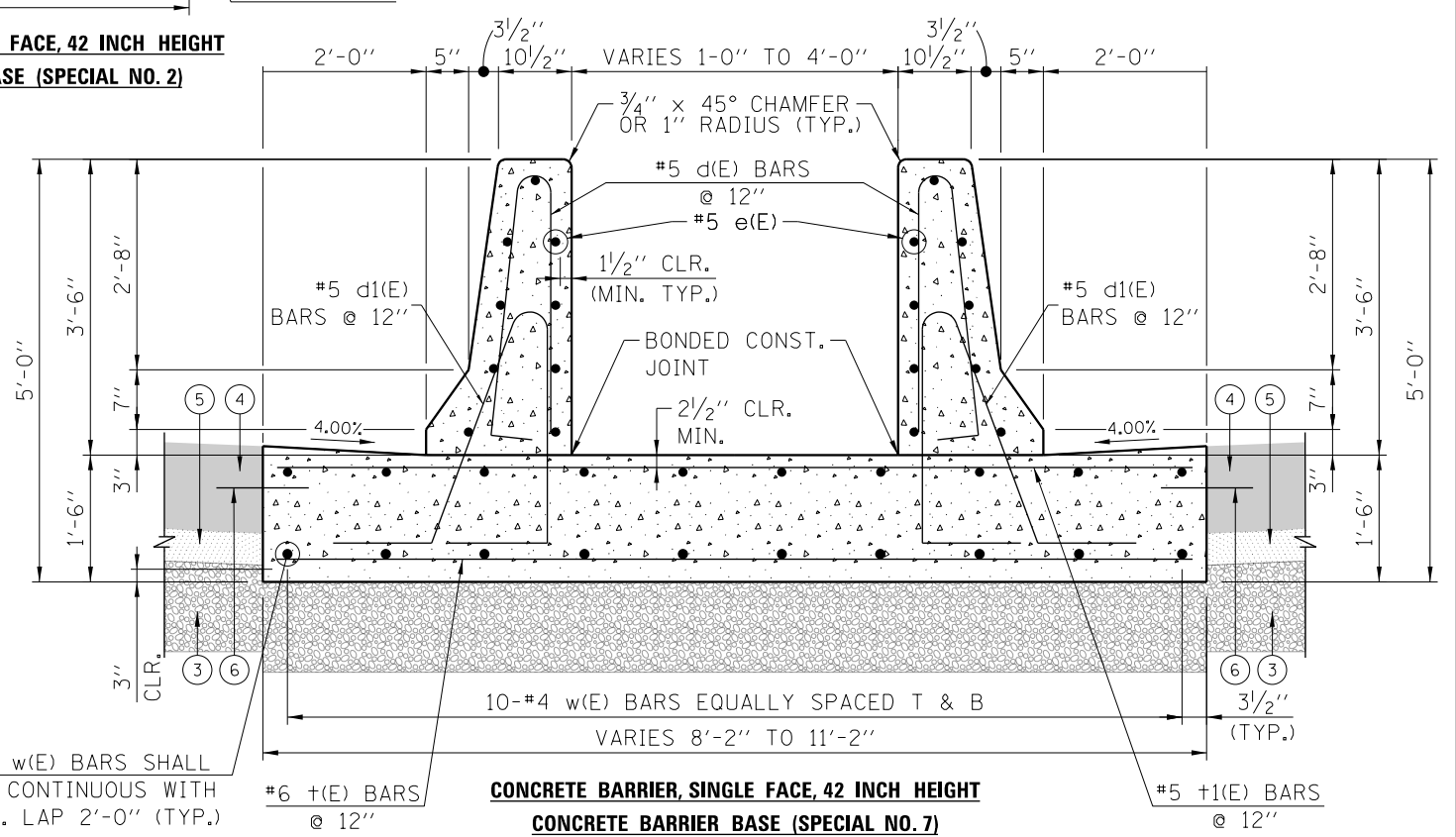
#4 w(E) BARS SHALL BE CONTINUOUS WITH MIN. LAP 2'-0" (TYP.)

**CONCRETE BARRIER WALL (SPECIAL NO. 1)  
CONCRETE BARRIER BASE (SPECIAL NO. 4)**



**NOTES:**

1. SEE BARRIER DETAIL SHEET 131 FOR ADDITIONAL DIMENSIONS AND NOTES.
2. THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING BARRIER DIMENSIONS AT ALL TRANSITION TIE-INS PRIOR TO INSTALLING THE CONCRETE BARRIER TRANSITION SEGMENTS.



#4 w(E) BARS SHALL BE CONTINUOUS WITH MIN. LAP 2'-0" (TYP.)

**CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT  
CONCRETE BARRIER BASE (SPECIAL NO. 7)**



D160X93-SHT-SPBAR-01.dgn	DESIGNED - WJC/OPS	REVISED -
USER NAME = msbilliot	DRAWN - VLJ/OPS	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - MJL/MJE	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

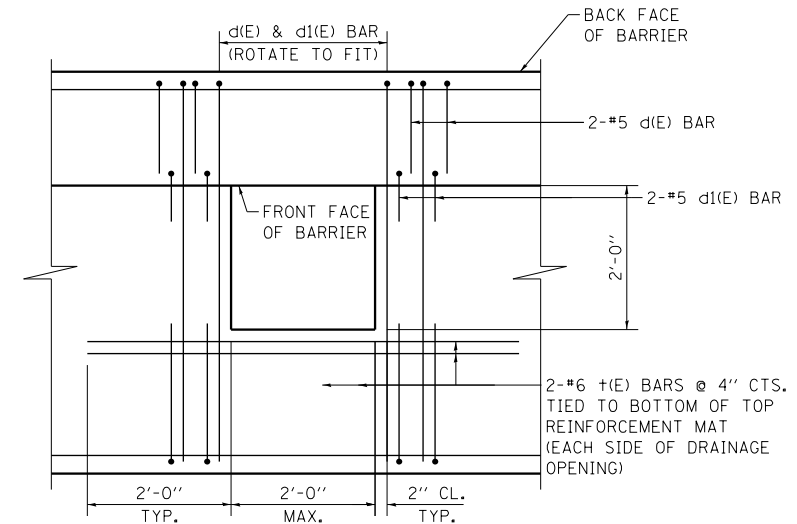
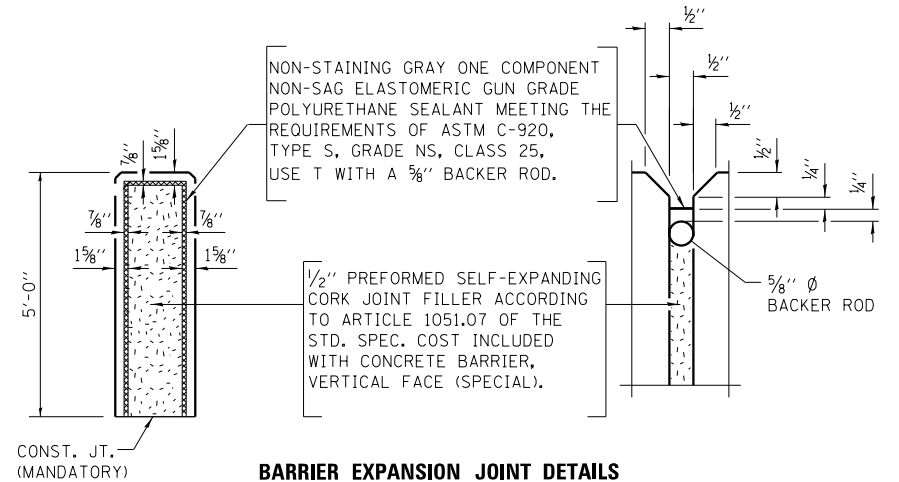
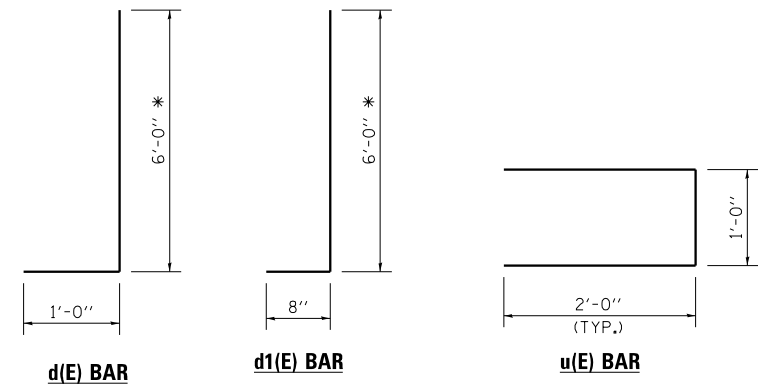
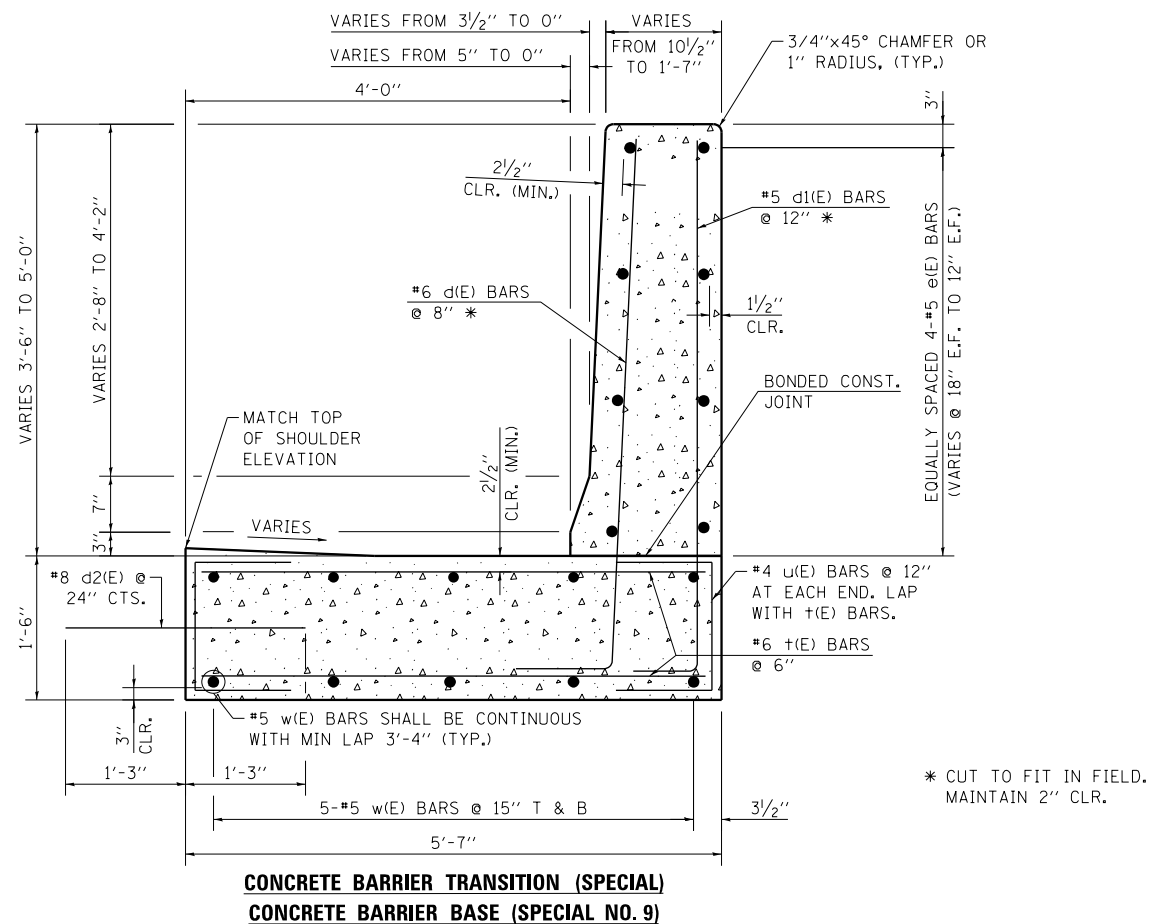
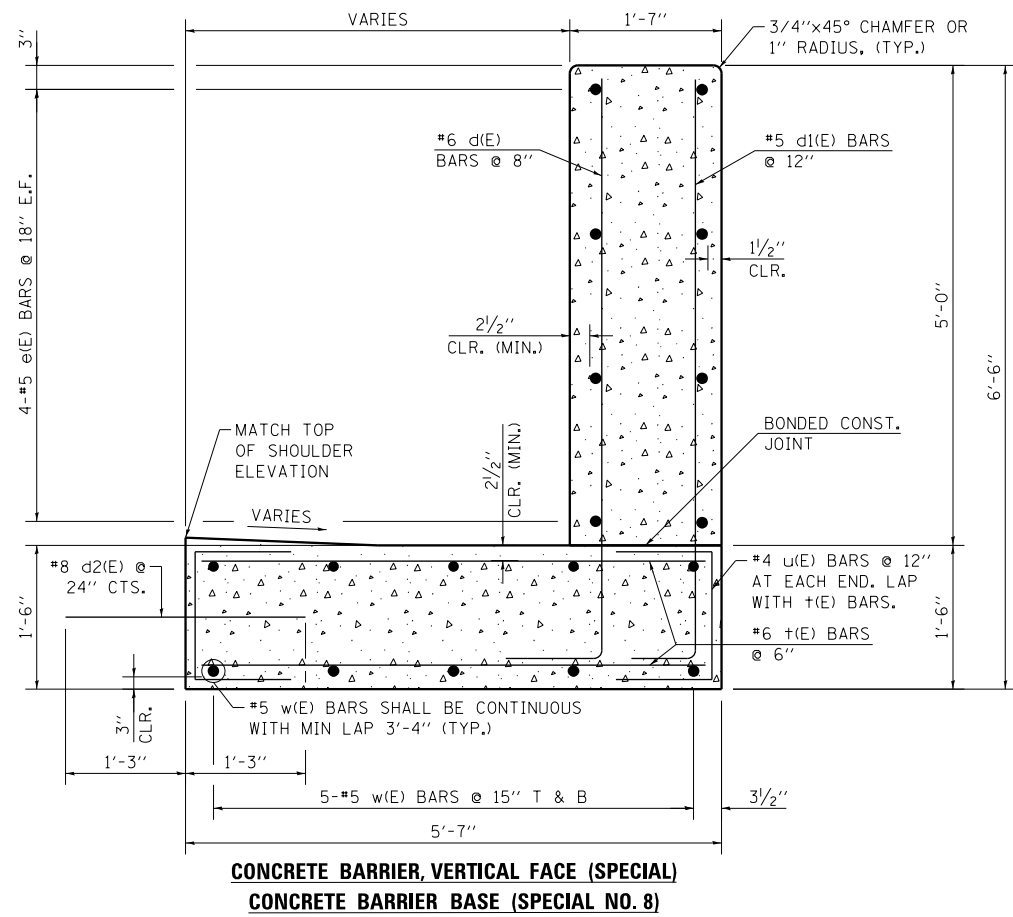
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONCRETE BARRIERS DETAILS**

SCALE: NONE SHEET 1 OF 24 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2014-013R&B-R	COUNTY COOK	TOTAL SHEETS 1972	SHEET NO. 129
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

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**NOTES:**

- SEE BARRIER DETAIL SHEET 131 FOR ADDITIONAL DIMENSIONS AND NOTES.
- THE CONTRACTOR SHALL FIELD VERIFY ALL EXISTING BARRIER DIMENSIONS AT ALL TRANSITION TIE-INS PRIOR TO INSTALLING THE CONCRETE BARRIER TRANSITION SEGMENTS.
- E.F. DENOTES EACH FACE.
- A MIN. 12" AGGREGATE SUBGRADE IMPROVEMENT SHALL BE PLACED BENEATH THE BASE SLAB.



D160X93-SHT-SPBAR-01-A.dgn	DESIGNED - BAR	REVISED -
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PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

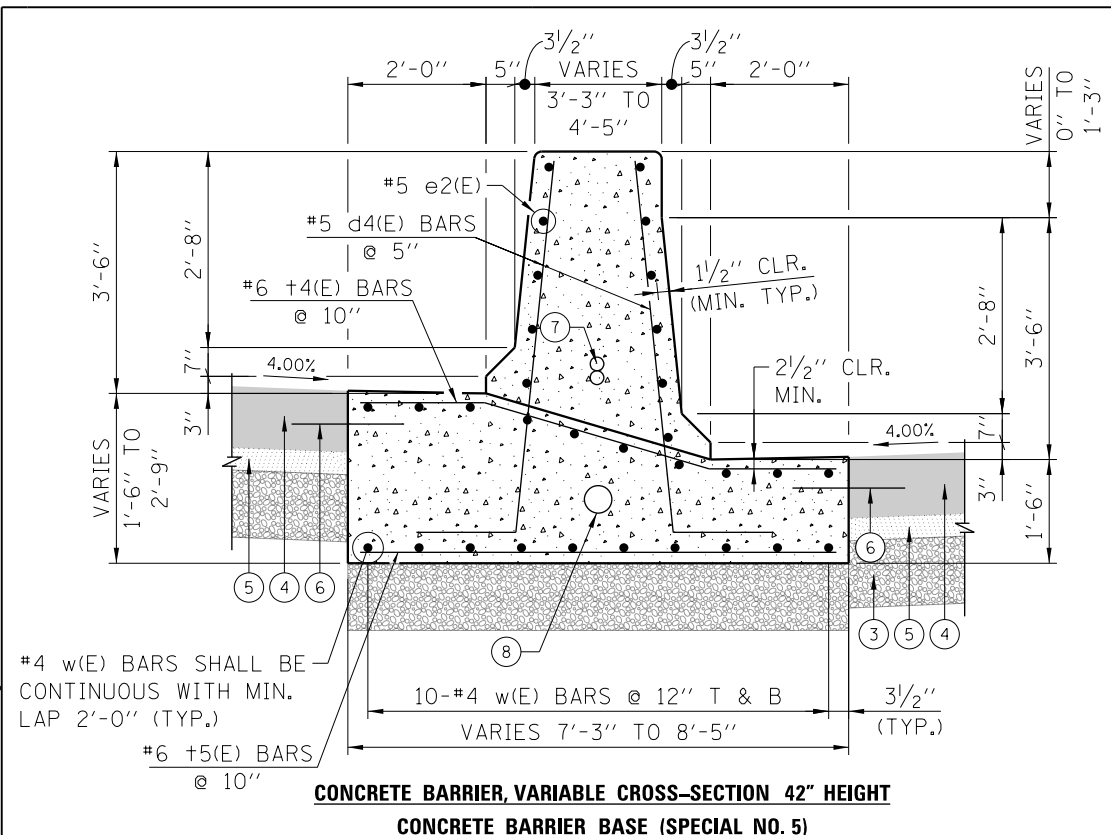
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONCRETE BARRIERS DETAILS**

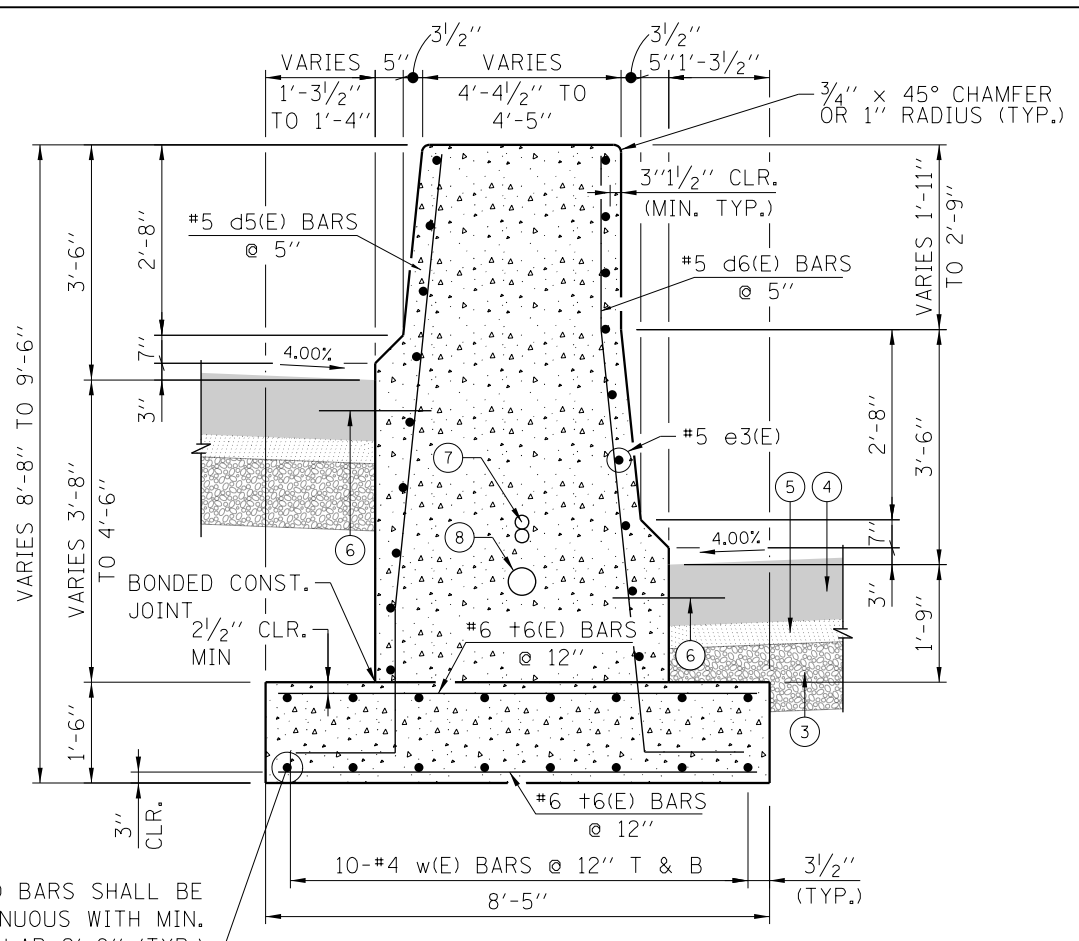
SCALE: NONE SHEET 2 OF 24 SHEETS STA. TO STA.

F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	130
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

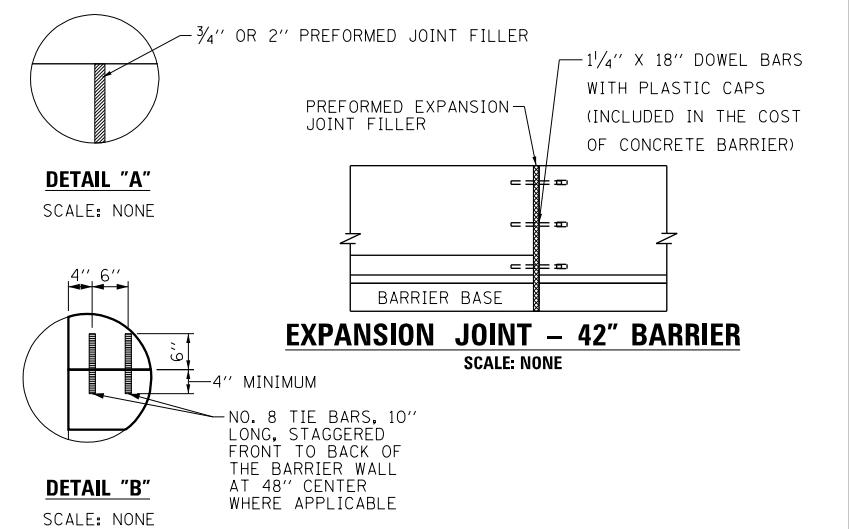
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**CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT  
CONCRETE BARRIER BASE (SPECIAL NO. 5)**



**CONCRETE BARRIER, VARIABLE CROSS-SECTION 42" HEIGHT  
CONCRETE BARRIER BASE (SPECIAL NO. 6)**



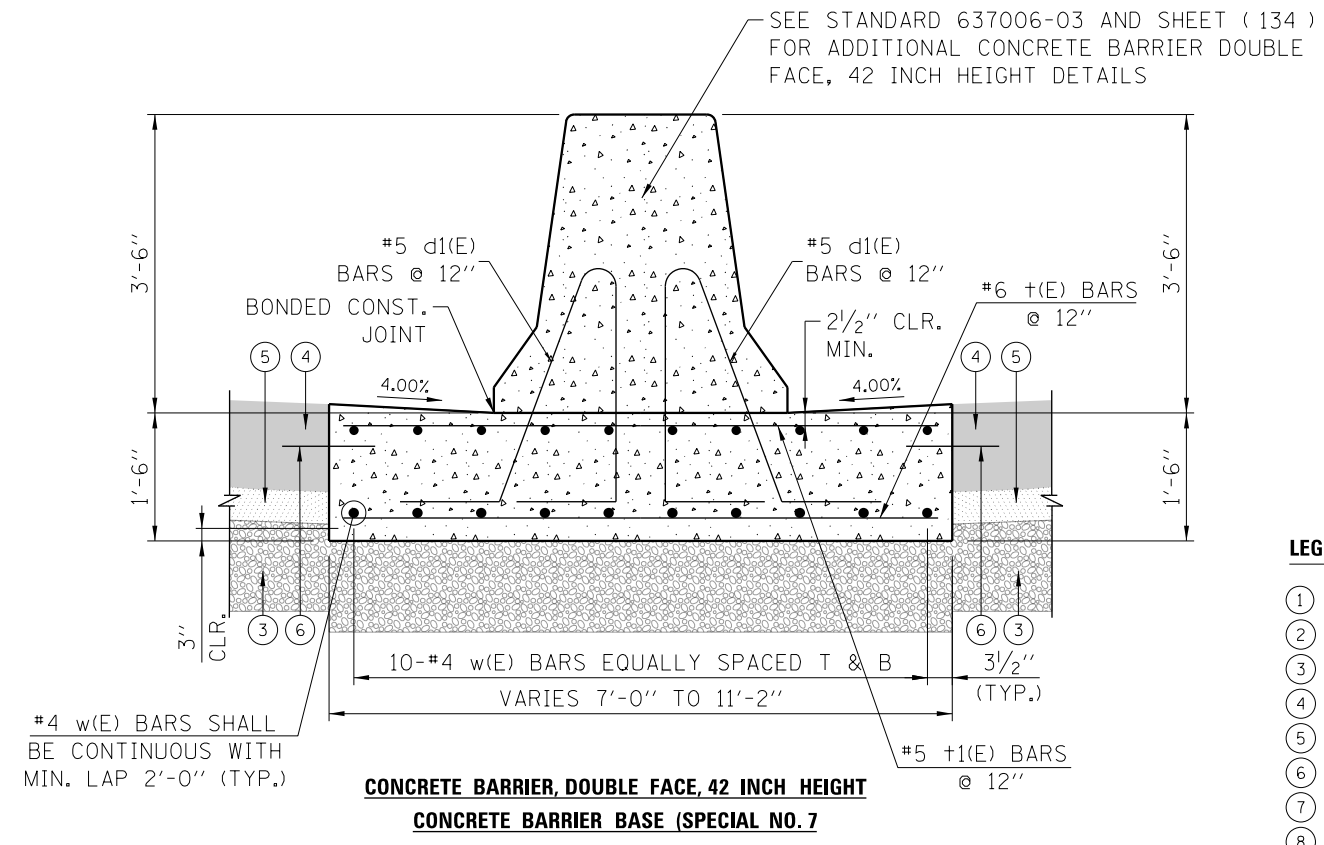
- NOTES:**
- TOP SHOULDER EDGE OF BARRIER BASE GUTTER SHALL MATCH THE TOP OF SHOULDER ELEVATION.
  - 1" DEEP CONTRACTION JOINTS SHALL BE CONSTRUCTED IN BOTH THE REINFORCED CONCRETE BARRIER WALL AND BASE.
  - THE FORMING OF CONTRACTION JOINTS SHALL BE DONE WITH AN APPROVED FINISHING TOOL OR BY SAWING AT THE DISCRETION OF THE ENGINEER SUBJECT TO THE SATISFACTORY CONTROL OF CRACKING.
  - REINFORCING BARS DESIGNATED "E" SHALL BE EPOXY COATED.
  - REINFORCEMENT BENDING DETAILS SHALL BE IN ACCORDANCE WITH THE "MANUAL OF STANDARD PRACTICE FOR DETAILING REINFORCED CONCRETE STRUCTURES", ACI 315, LATEST EDITION.
  - REINFORCEMENT BAR BENDING DIMENSIONS ARE OUT TO OUT.
  - EXPANSION JOINTS SHALL BE PREFORMED JOINT MATERIAL (BITUMINOUS TYPE) FILLER AND SHALL MEET AASHTO DESIGNATION M-33.
  - ALL WORK AND MATERIALS DETAILED HEREIN SHALL BE INCLUDED IN THE COST OF THE VARIOUS CONCRETE BARRIER PAY ITEMS UNLESS OTHERWISE NOTED.
  - PREFORMED JOINT FILLER SHALL BE INCLUDED IN THE COST OF THE VARIOUS CONCRETE BARRIER WALL PAY ITEMS. SEE DETAIL "A".
  - JOINTS SHALL BE CONSTRUCTED AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH ARTICLE 637.08 OF THE STANDARD SPECIFICATIONS
  - TWO VERTICAL EPOXY COATED, NO. 8 TIE BARS, 10" LONG, SHALL BE PLACED STAGGERED FRONT TO BACK OF THE BARRIER WALL AT 48" CENTERS ALONG THE CONCRETE BARRIER TRANSITION PER DETAIL "B". TIE BARS SHALL BE INCLUDED IN THE COST OF CONCRETE BARRIER TRANSITION (SPECIAL).
  - EXPANSION JOINTS SHALL BE CONSTRUCTED IN BARRIER WALL AT MAXIMUM JOINT SPACING OF 90 FEET.
  - VERTICAL TIE BARS ARE REQUIRED WHEN CONCRETE BARRIER AND CONCRETE BARRIER BASE ARE NOT POURED MONOLITHICALLY.

(A)

CONCRETE BARRIER BASE (SPECIAL NO. 3) TOE WIDTH		
WIDTH	STATION	BARRIER FACE OFFSET
2.00'	5219+95.81	25.00' LT
3.00'	5220+08.27	26.00' LT
3.00'	5220+27.70	26.00' LT
3.00'	5220+38.43	26.00' LT
3.00'	5220+62.43	26.00' LT
3.00'	5220+66.51	26.00' LT
3.00'	5221+00.53	26.00' LT
3.31'	5221+04.07	26.31' LT

(B)

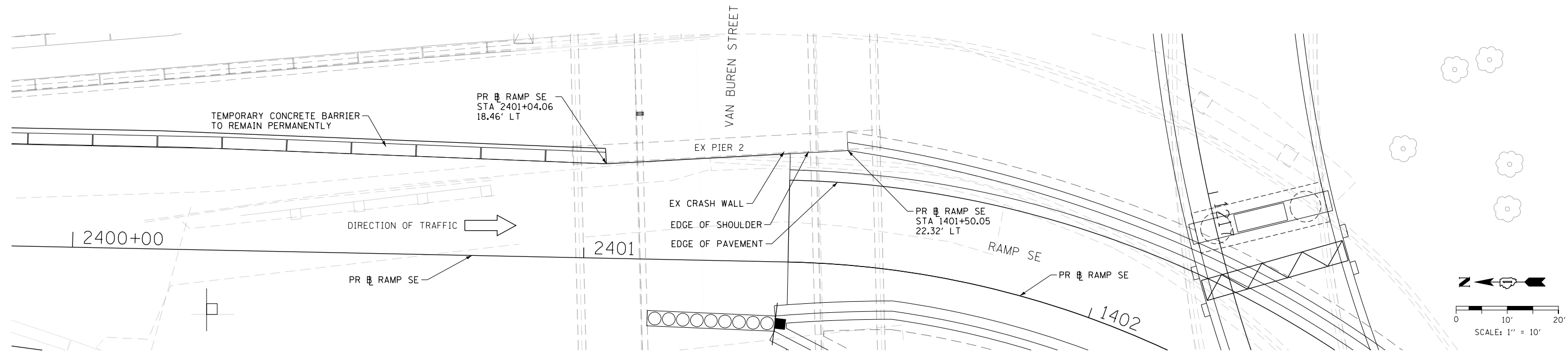
CONCRETE BARRIER BASE (SPECIAL NO. 4) TOE WIDTH		
WIDTH	STATION	BARRIER FACE OFFSET
2.50'	5151+85.70	26.50' LT
2.00'	5152+67.43	26.00' LT
2.00'	5153+32.43	26.00' LT
2.00'	5153+45.99	26.00' LT
2.00'	5153+68.33	26.00' LT
2.00'	5155+11.54	26.00' LT



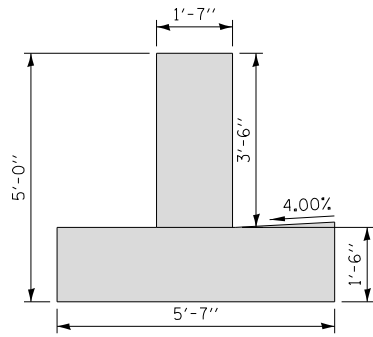
**CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT  
CONCRETE BARRIER BASE (SPECIAL NO. 7)**

- LEGEND:**
- PORTLAND CEMENT CONCRETE PAVEMENT (JOINTED); 9", 11" OR 111#4"
  - STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
  - AGGREGATE SUBGRADE IMPROVEMENT 12"
  - PORTLAND CEMENT CONCRETE SHOULDERS; 9", 11" OR 111#4"
  - SUBBASE GRANULAR MATERIAL, TYPE B 4"
  - EPOXY COATED TIE BARS, NO. 8, 2'-6" LONG @ 2'-0" C-C (ADJACENT TO PCC PAVEMENT OR SHOULDER)
  - 2-2" DIAMETER CONDUITS IN BARRIER, LOCATIONS AS SPECIFIED IN ELECTRICAL OR ITS PLANS
  - 1-4" DIAMETER CONDUIT, LOCATIONS AS SPECIFIED IN ELECTRICAL OR ITS PLANS

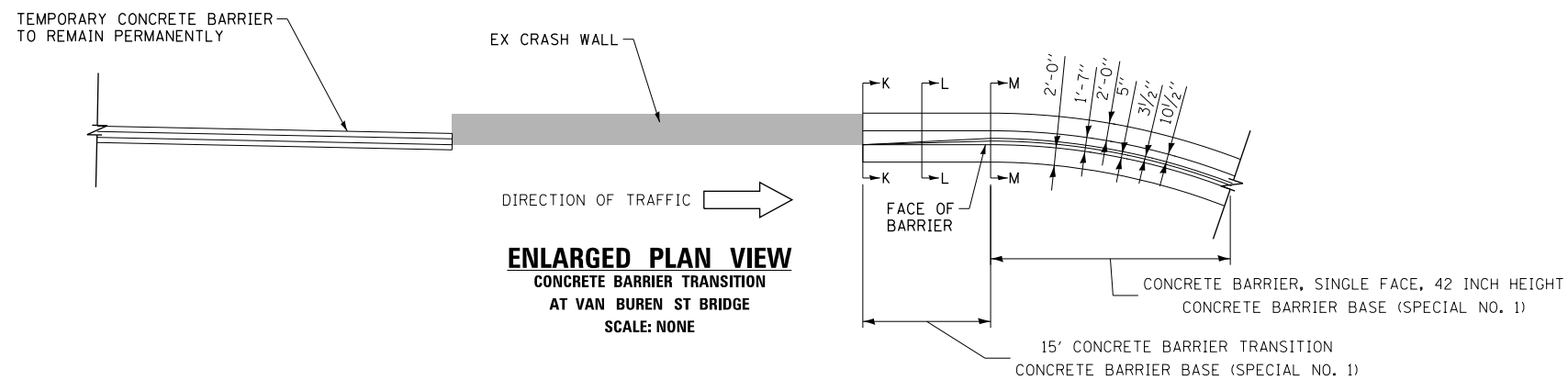
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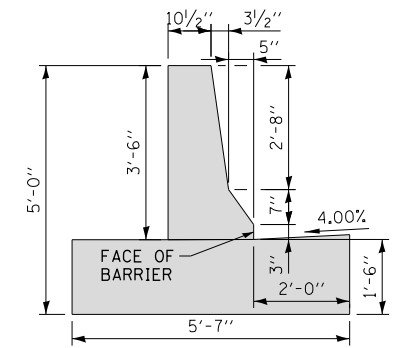
**PLAN VIEW**



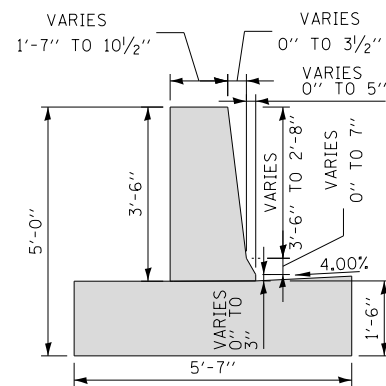
**SECTION K-K**  
SCALE: NONE



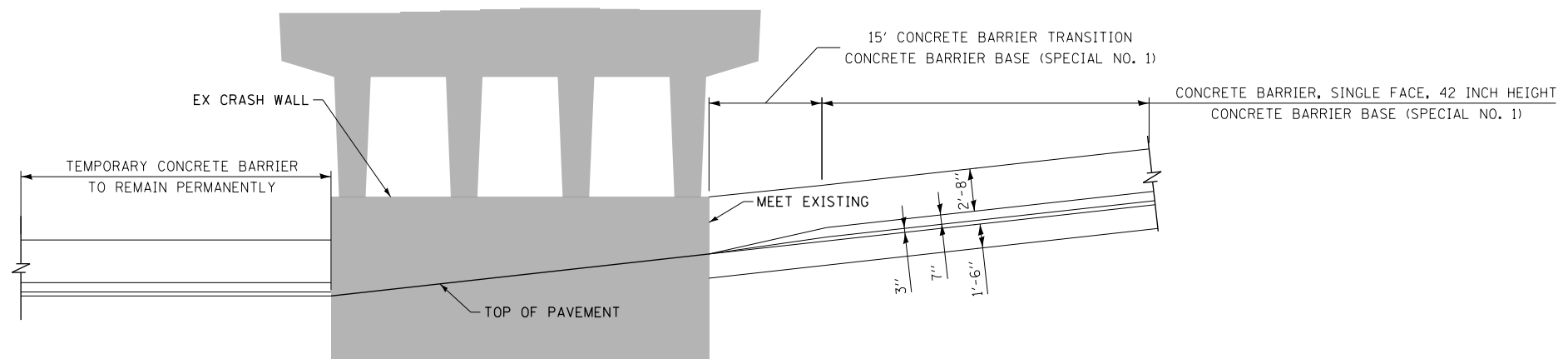
**ENLARGED PLAN VIEW**  
CONCRETE BARRIER TRANSITION  
AT VAN BUREN ST BRIDGE  
SCALE: NONE



**SECTION M-M**  
SCALE: NONE



**SECTION L-L**  
SCALE: NONE



**ELEVATION VIEW**  
CONCRETE BARRIER TRANSITION  
AT VAN BUREN ST BRIDGE  
SCALE: NONE  
(LOOKING EAST)



D160X93-SHT-SPBAR-03.dgn  
USER NAME = msbilliot  
PLOT SCALE = 20.0000' / in.  
PLOT DATE = 7/30/2018

DESIGNED - MSB  
DRAWN - SGK  
CHECKED - MJL  
DATE - 7/30/2018

REVISED -  
REVISED -  
REVISED -  
REVISED -

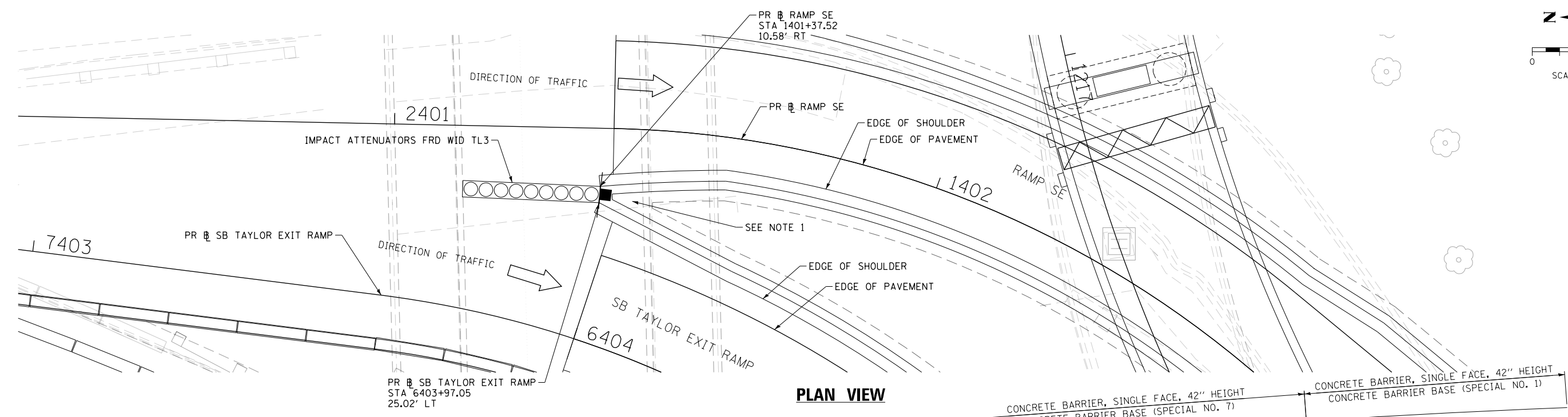
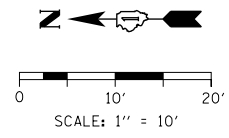
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONCRETE BARRIER DETAILS  
CONCRETE BARRIER TRANSITION AT  
EX VAN BUREN STREET PIER 2**

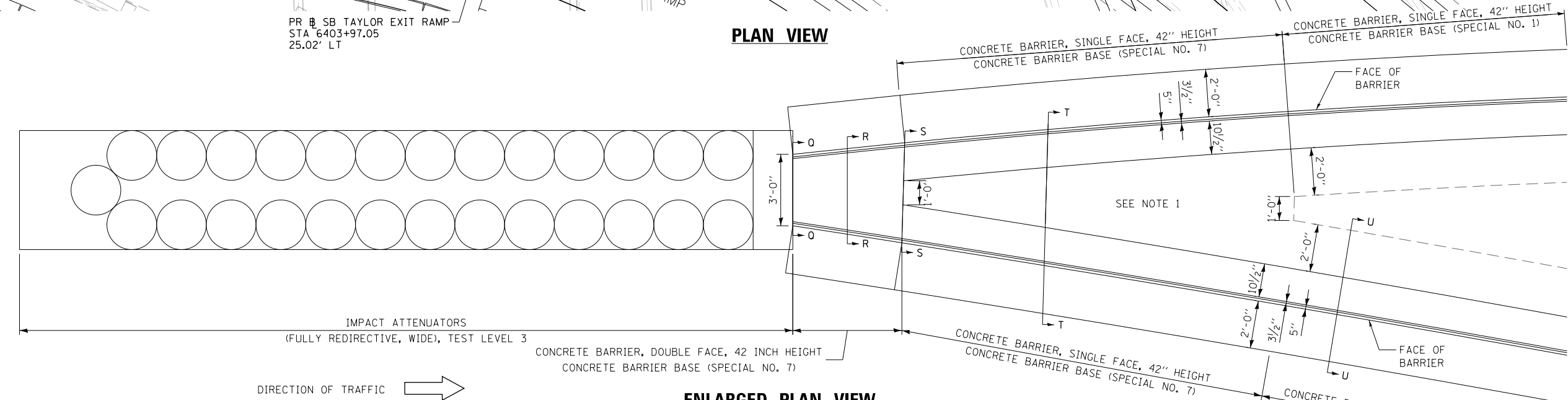
SCALE: 1" = 10' SHEET 4 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	132
				CONTRACT NO. 60X93
ILLINOIS FED. AID PROJECT				



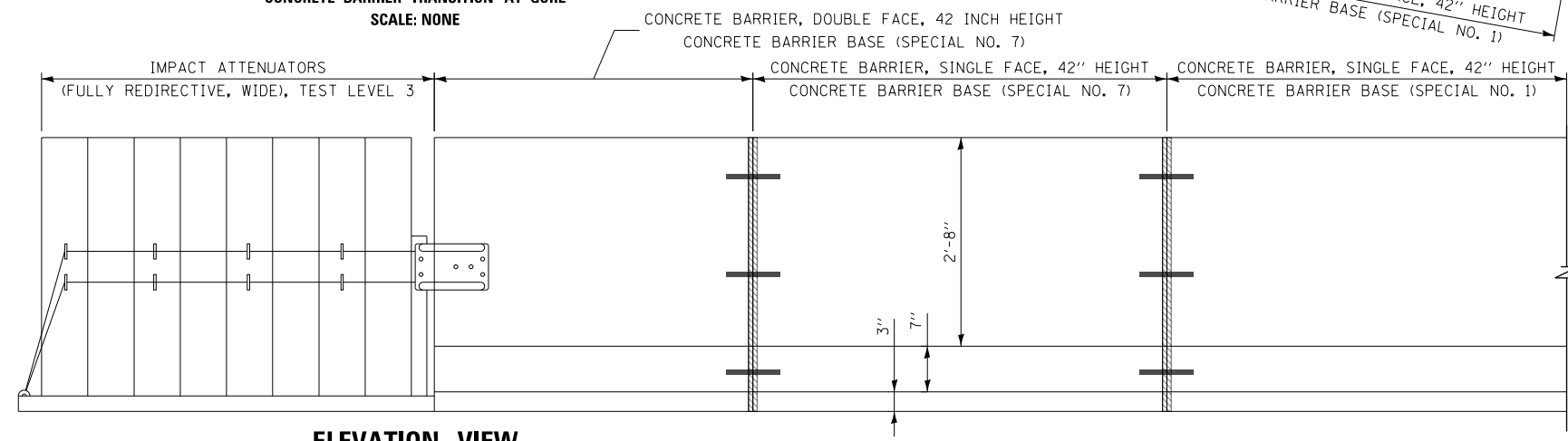


**PLAN VIEW**



**ENLARGED PLAN VIEW**

CONCRETE BARRIER TRANSITION AT GORE  
SCALE: NONE



**ELEVATION VIEW**

CONCRETE BARRIER TRANSITION AT GORE  
SCALE: NONE

**NOTES:**

1. SLOPE CONCRETE SURFACE BETWEEN BARRIER WALLS TO MAINTAIN POSITIVE DRAINAGE TO THE NEAREST STRUCTURE.

FILE PATH = p:\6179-P\INT\recomon\line\local\IACOM\DS02\_NA\Documents\01\_Americas\Transportation\60269938\_Circle\Phase\_1\000\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-SHT-SPBAR-04.dgn



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USER NAME = msbilliot	DRAWN - SKG	REVISED -
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PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

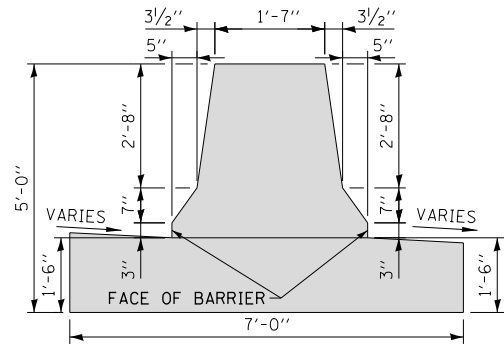
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DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

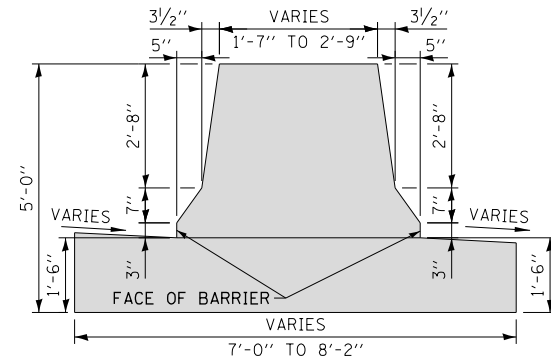
CONCRETE BARRIER DETAILS			
CONCRETE BARRIER TRANSITION AT RAMP SE AND SB TAYLOR EXIT RAMP GORE			
SCALE: 1" = 10'	SHEET 5	OF 24 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	133
CONTRACT NO. 60X93				ILLINOIS FED. AID PROJECT

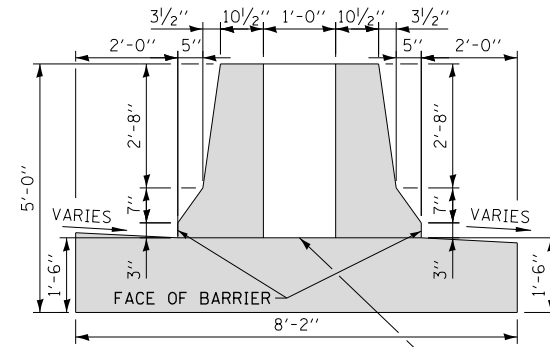
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**SECTION Q-Q**  
SCALE: NONE

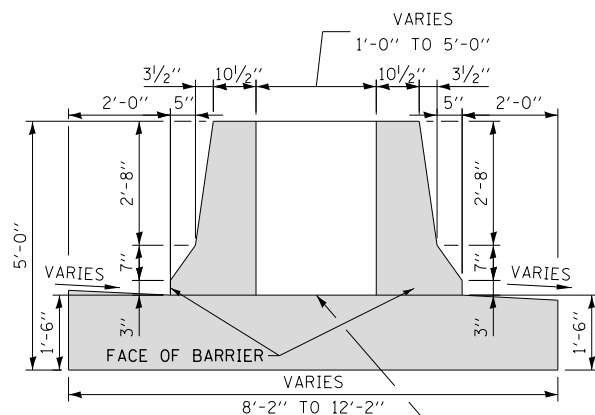


**SECTION R-R**  
SCALE: NONE



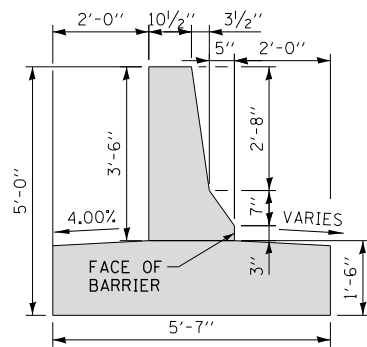
**SECTION S-S**  
SCALE: NONE

SLOPE CONCRETE SURFACE TOWARD DRAINAGE STRUCTURE S3-14



**SECTION T-T**  
SCALE: NONE

SLOPE CONCRETE SURFACE TOWARD DRAINAGE STRUCTURE S3-14



**SECTION U-U**  
SCALE: NONE

**NOTES:**

1. SLOPE CONCRETE SURFACE BETWEEN BARRIER WALLS TO MAINTAIN POSITIVE DRAINAGE TO THE NEAREST STRUCTURE.



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USER NAME = msbilliot	DRAWN - SKG	REVISED -
PLOT SCALE = 20.0000' / 1"	CHECKED - MJL	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

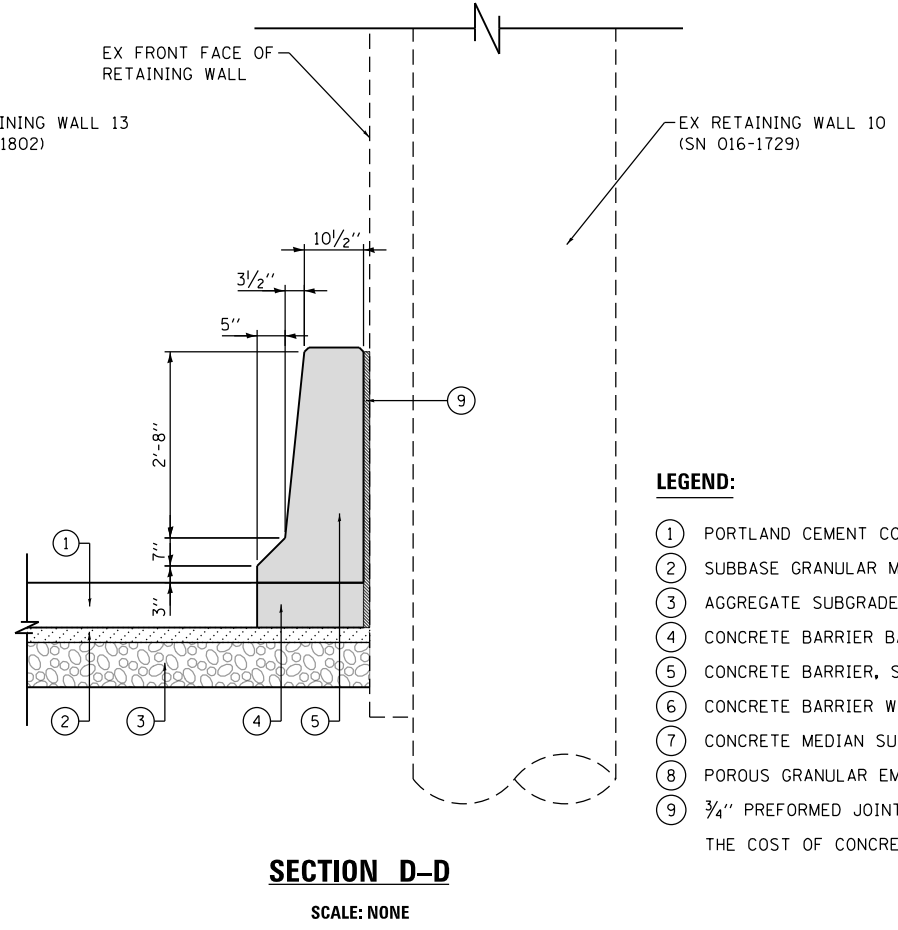
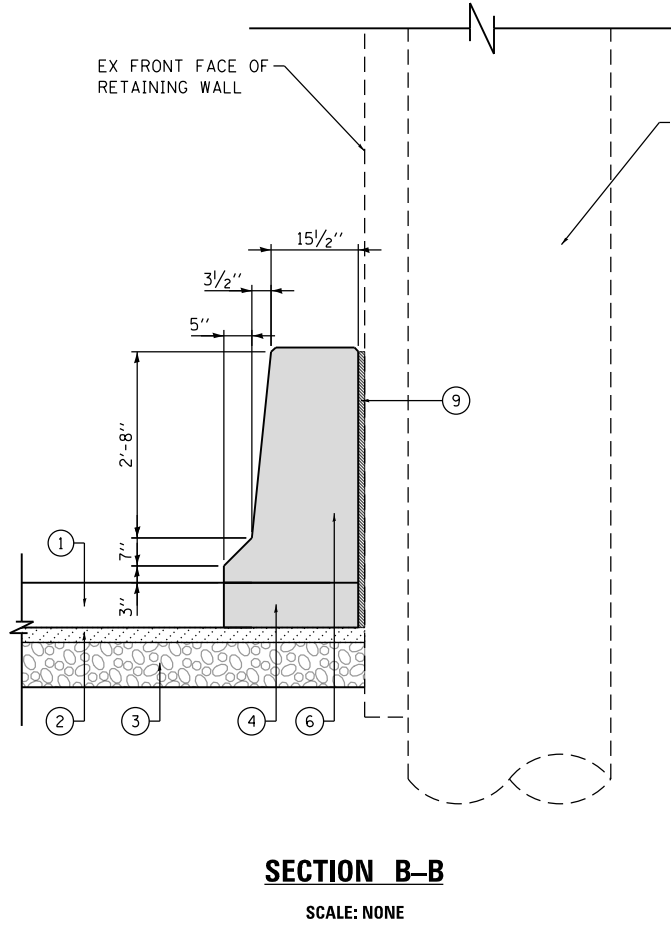
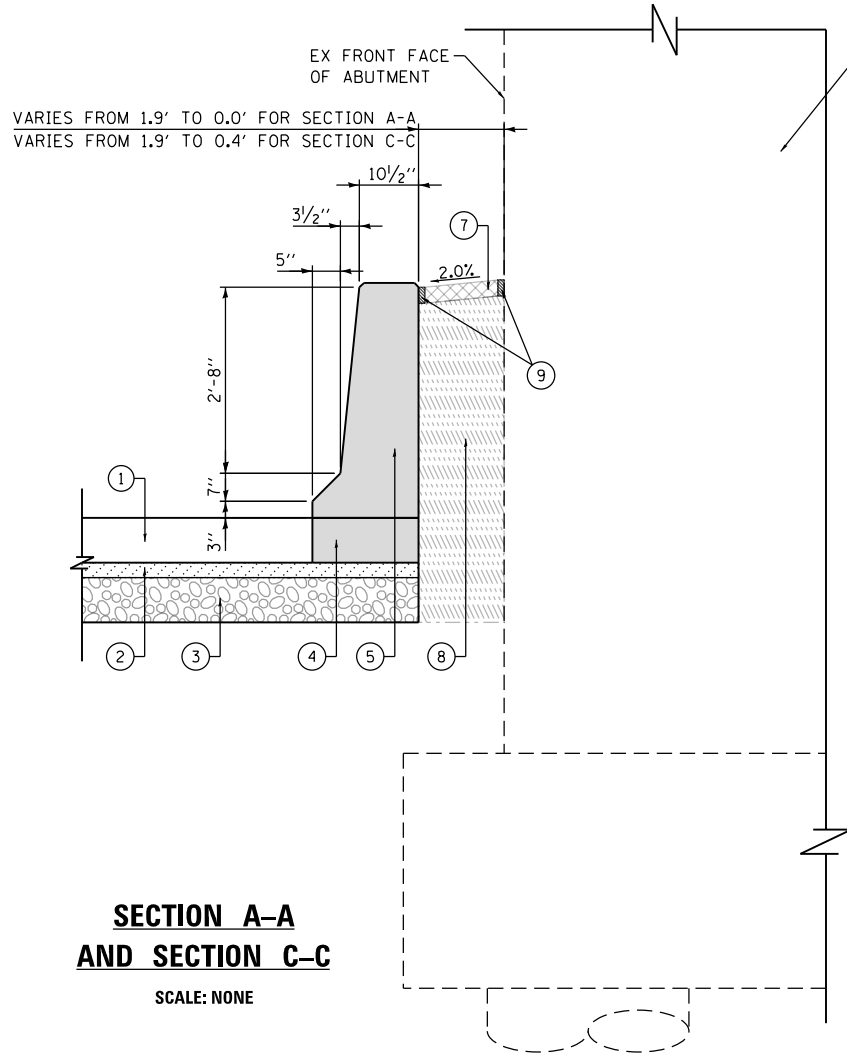
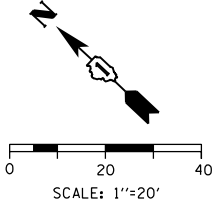
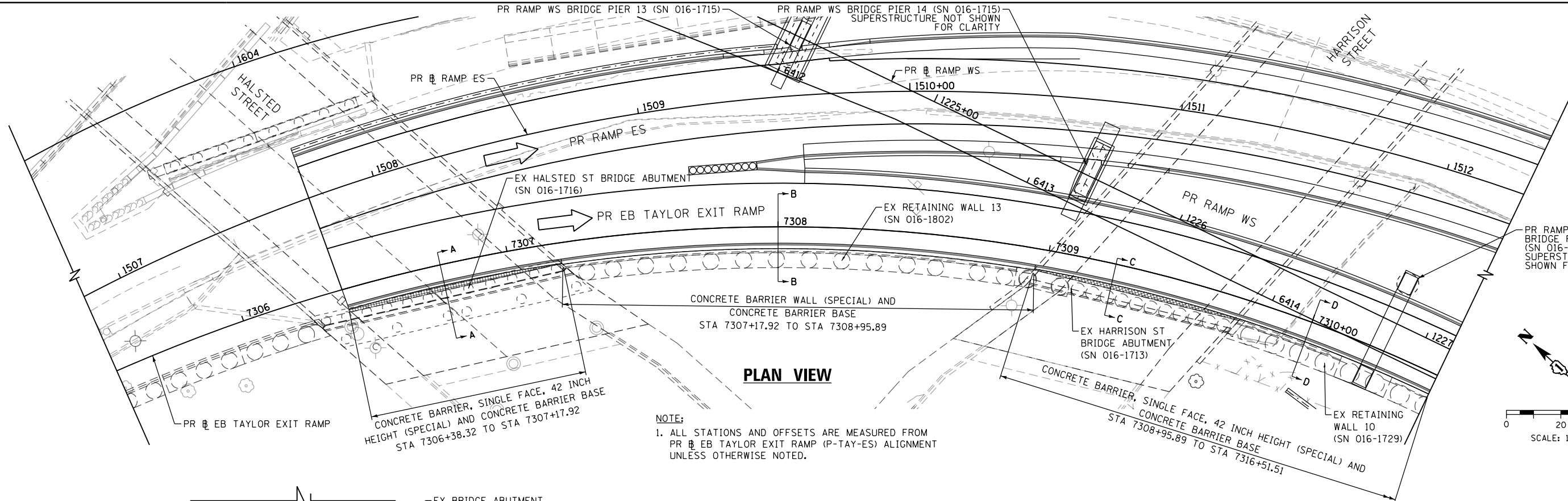
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONCRETE BARRIER DETAILS  
CONCRETE BARRIER TRANSITION AT  
RAMP SE AND SB TAYLOR EXIT RAMP GORE

SCALE: NONE SHEET 6 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	134
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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- LEGEND:**
- ① PORTLAND CEMENT CONCRETE SHOULDERS 9"
  - ② SUBBASE GRANULAR MATERIAL, TYPE B 4"
  - ③ AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ④ CONCRETE BARRIER BASE
  - ⑤ CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)
  - ⑥ CONCRETE BARRIER WALL (SPECIAL)
  - ⑦ CONCRETE MEDIAN SURFACE, 4 INCH
  - ⑧ POROUS GRANULAR EMBANKMENT
  - ⑨ 3/4" PREFORMED JOINT FILLER (PJF), INCLUDED IN THE COST OF CONCRETE BARRIER



D160X93-SHT-DETAIL-01  
 USER NAME = dshevoz  
 PLOT SCALE = 40.0000' / in.  
 PLOT DATE = 7/30/2018

DESIGNED - OPS  
 DRAWN - ZND  
 CHECKED - MJE  
 DATE - 7/30/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

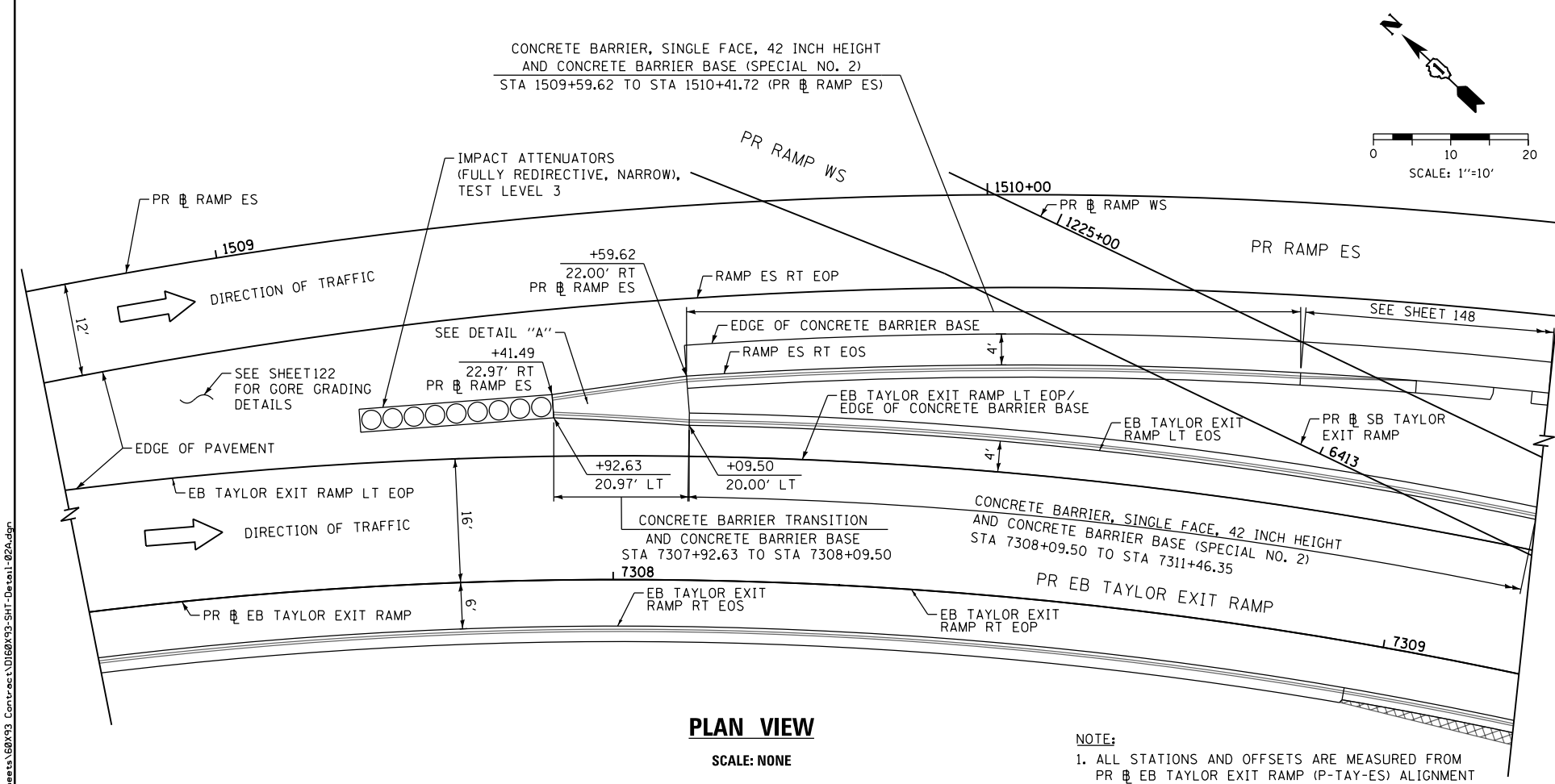
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CONCRETE BARRIER DETAILS  
 AT HALSTED ST ABUTMENT, RETAINING WALL 13,  
 HARRISON ST ABUTMENT AND RETAINING WALL 10

SCALE: 1" = 20' SHEET 7 OF 24 SHEETS STA. TO STA.

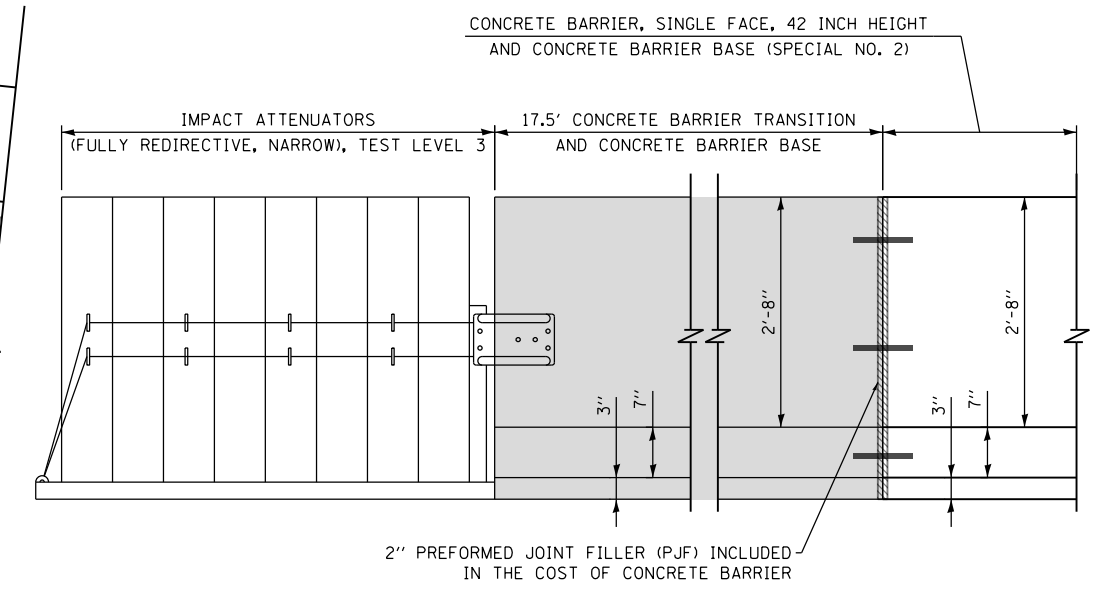
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	135
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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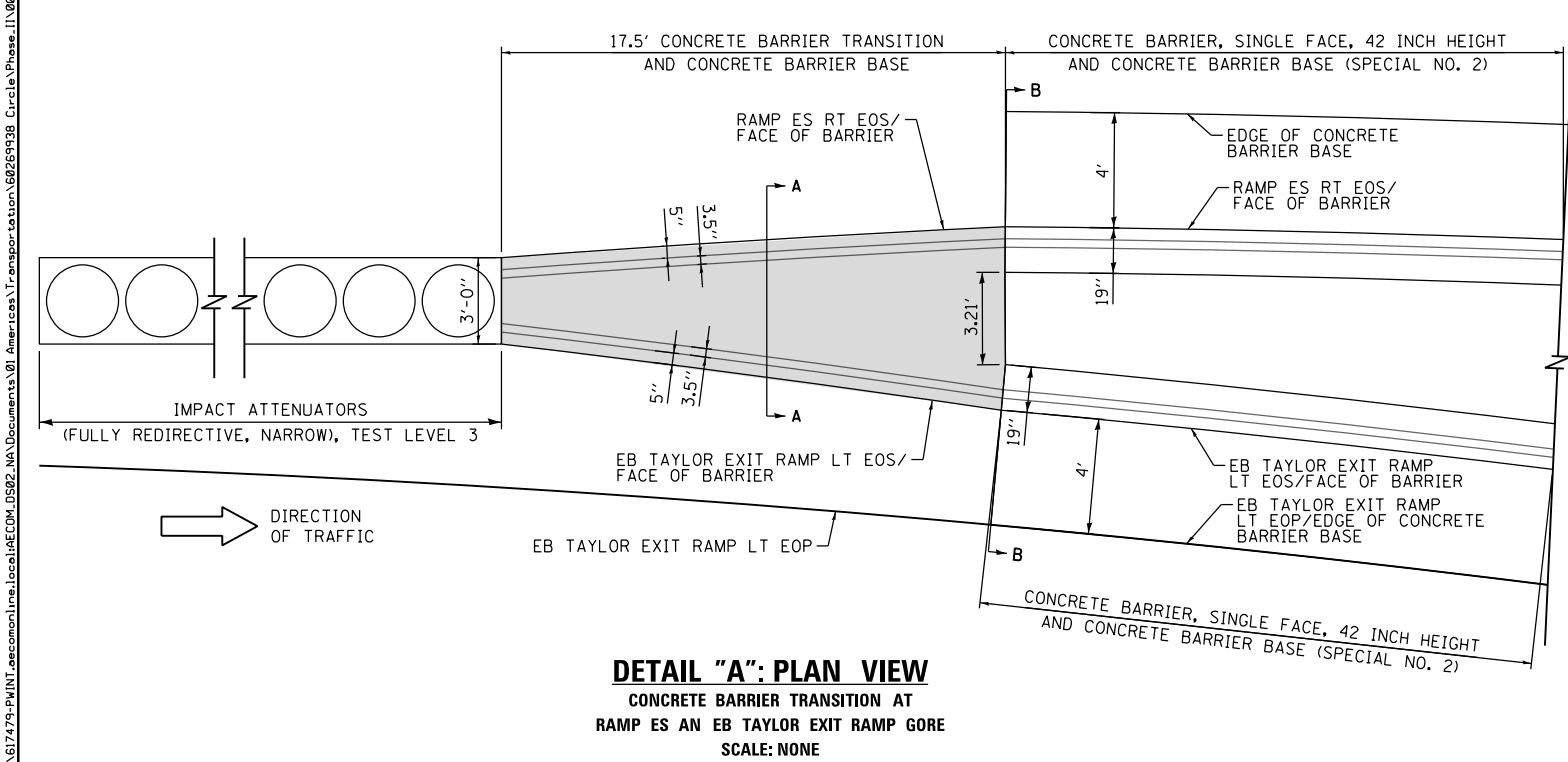
**PLAN VIEW**  
SCALE: NONE

**NOTE:**  
1. ALL STATIONS AND OFFSETS ARE MEASURED FROM PR EB TAYLOR EXIT RAMP (P-TAY-ES) ALIGNMENT UNLESS OTHERWISE NOTED.

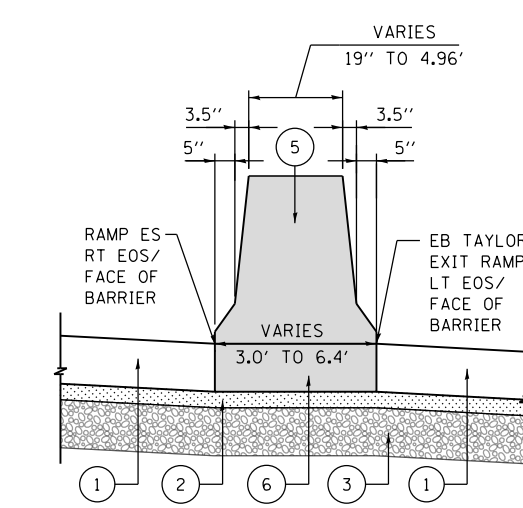


**DETAIL "A": ELEVATION VIEW**  
CONCRETE BARRIER TRANSITION AT RAMP ES AN EB TAYLOR EXIT RAMP GORE  
SCALE: NONE  
(LOOKING NORTH)

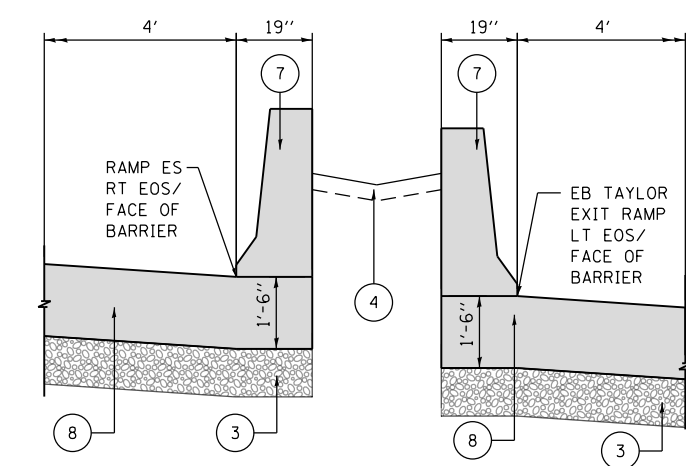
- LEGEND:**
- ① PORTLAND CEMENT CONCRETE SHOULDERS 11"
  - ② SUBBASE GRANULAR MATERIAL, TYPE B 4"
  - ③ AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ④ TOPSOIL FURNISH AND PLACE, 4"
  - ⑤ CONCRETE BARRIER TRANSITION
  - ⑥ CONCRETE BARRIER BASE
  - ⑦ CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
  - ⑧ CONCRETE BARRIER BASE (SPECIAL NO. 2)



**DETAIL "A": PLAN VIEW**  
CONCRETE BARRIER TRANSITION AT RAMP ES AN EB TAYLOR EXIT RAMP GORE  
SCALE: NONE



**SECTION A-A**  
CONCRETE BARRIER TRANSITION AT GORE  
SCALE: NONE



**SECTION B-B**  
CONCRETE BARRIER WALL AT GORE  
SCALE: NONE



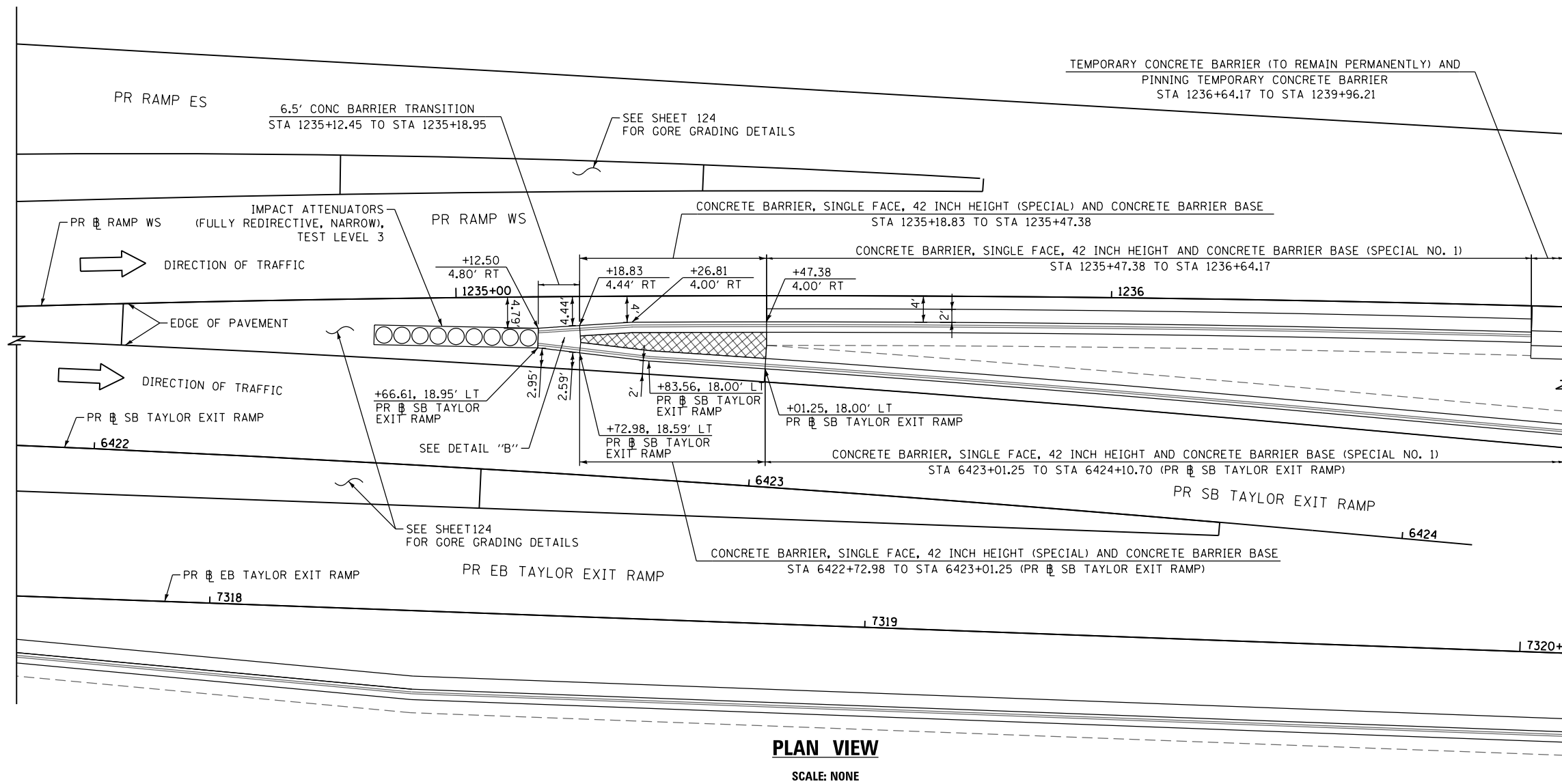
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 PLOT DATE = 7/30/2018

DESIGNED - OPS  
 DRAWN - OPS  
 CHECKED - MJE  
 DATE - 7/30/2018

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

**CONCRETE BARRIER DETAILS**  
**CONCRETE BARRIER TRANSITION AT RAMP ES AND EB TAYLOR EXIT RAMP GORE**  
 SCALE: 1" = 10' SHEET 8 OF 24 SHEETS STA. TO STA.

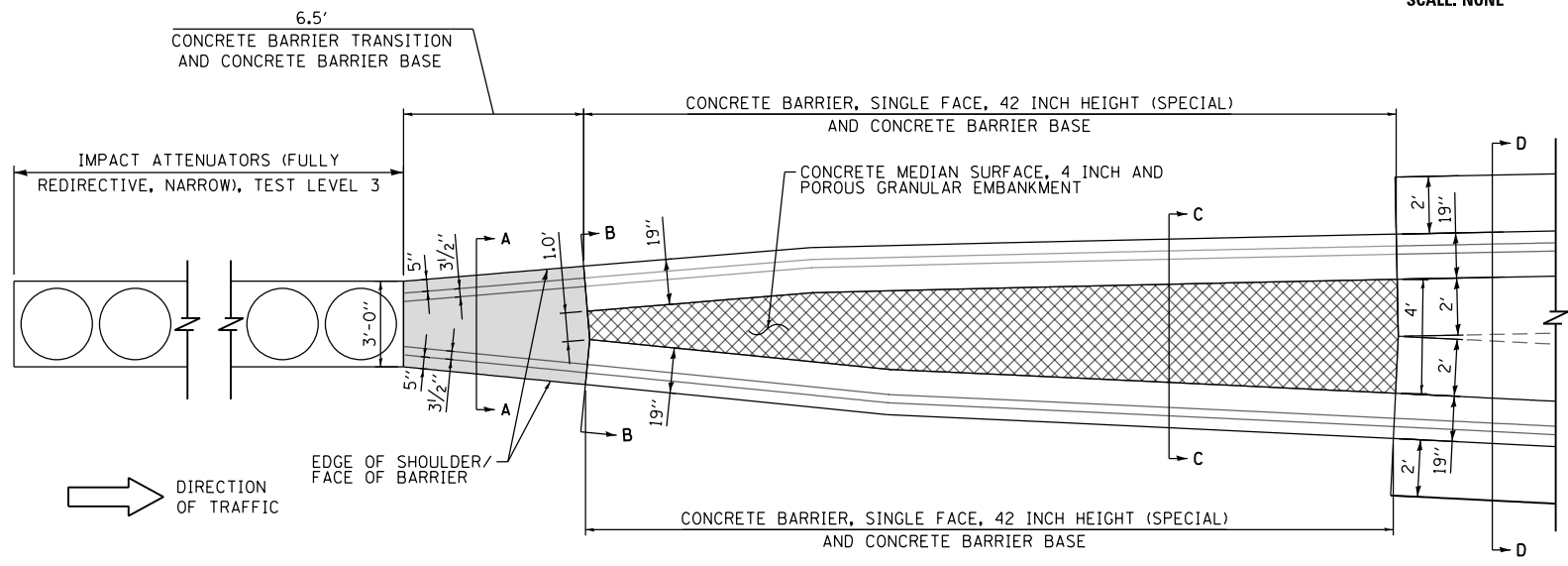
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	136
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



**PLAN VIEW**

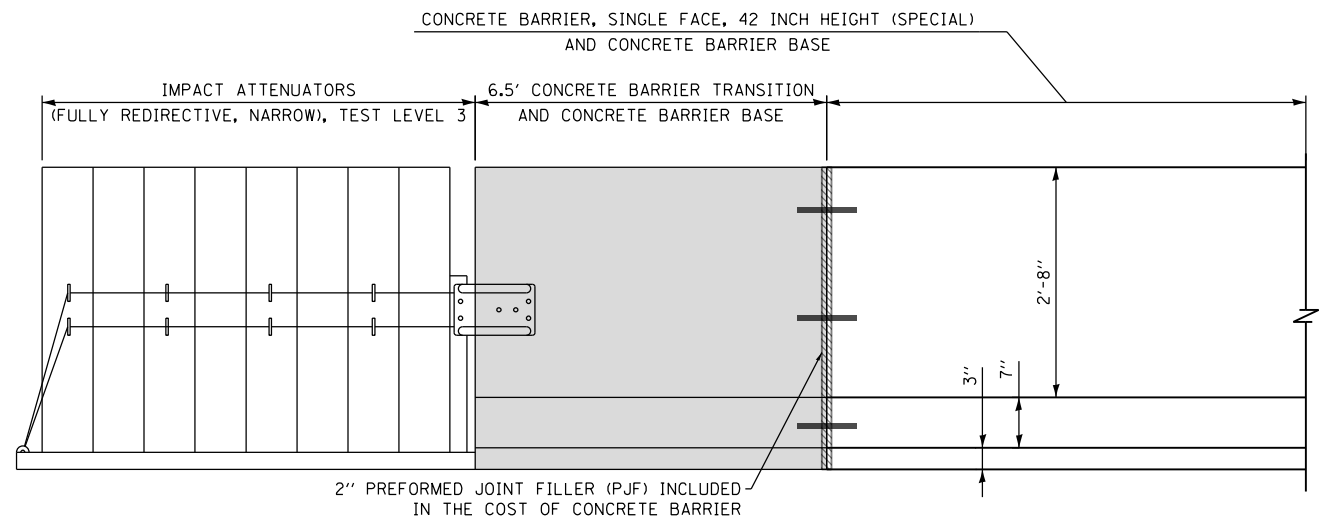
SCALE: NONE

**NOTE:**  
1. ALL STATIONS AND OFFSETS ARE MEASURED FROM PR SB TAYLOR EXIT RAMP ALIGNMENT UNLESS OTHERWISE NOTED.



**DETAIL "B": PLAN VIEW**

CONCRETE BARRIER TRANSITION AT  
RAMP WS AND SB TAYLOR EXIT RAMP GORE  
SCALE: NONE  
FOR SECTIONS A-A, B-B, C-C, D-D SEE SHEET 138



**DETAIL "B": ELEVATION VIEW**

CONCRETE BARRIER TRANSITION AT  
RAMP WS AND SB TAYLOR EXIT RAMP GORE  
SCALE: NONE  
(LOOKING NORTH)

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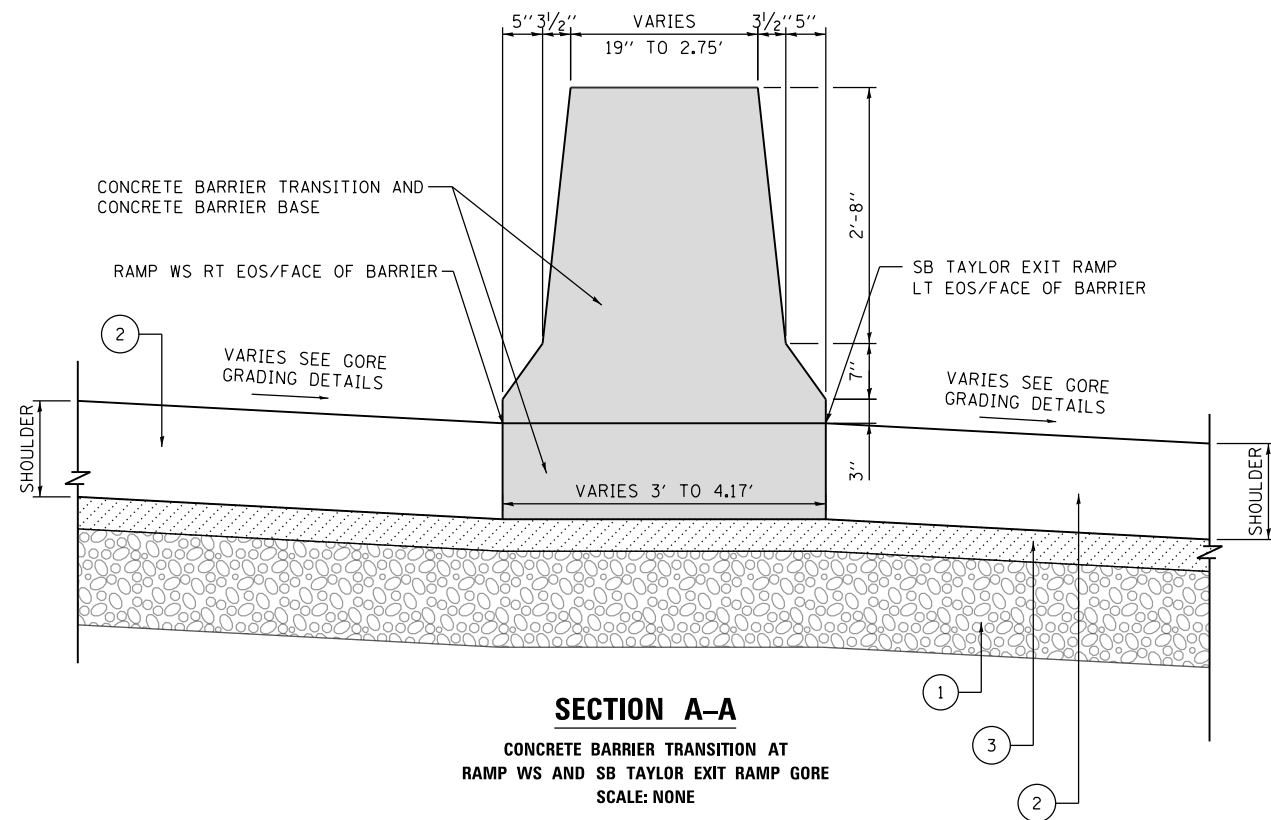
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DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

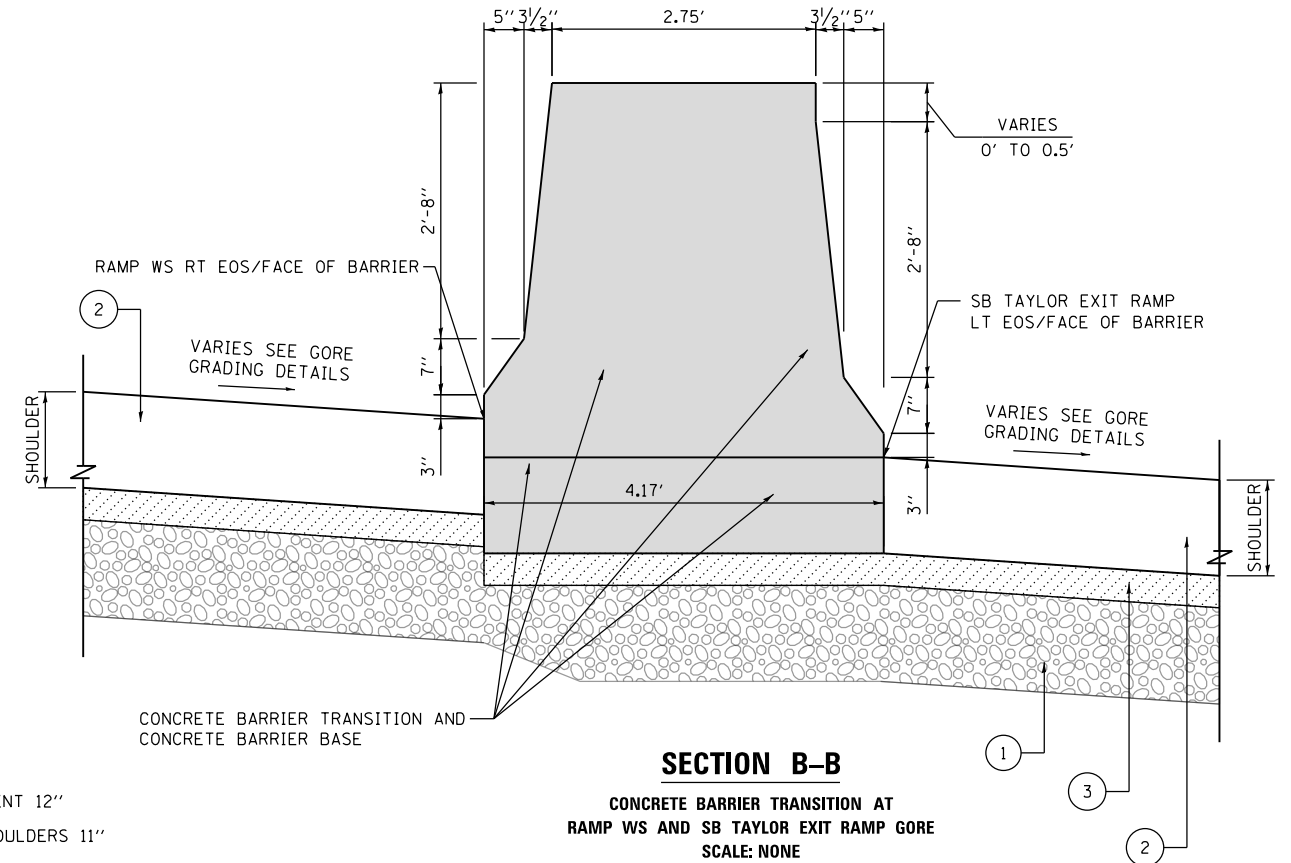
**CONCRETE BARRIER DETAILS  
CONCRETE BARRIER TRANSITION AT  
RAMP WS AND SB TAYLOR EXIT RAMP GORE**  
SCALE: 1" = 10' SHEET 9 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	137
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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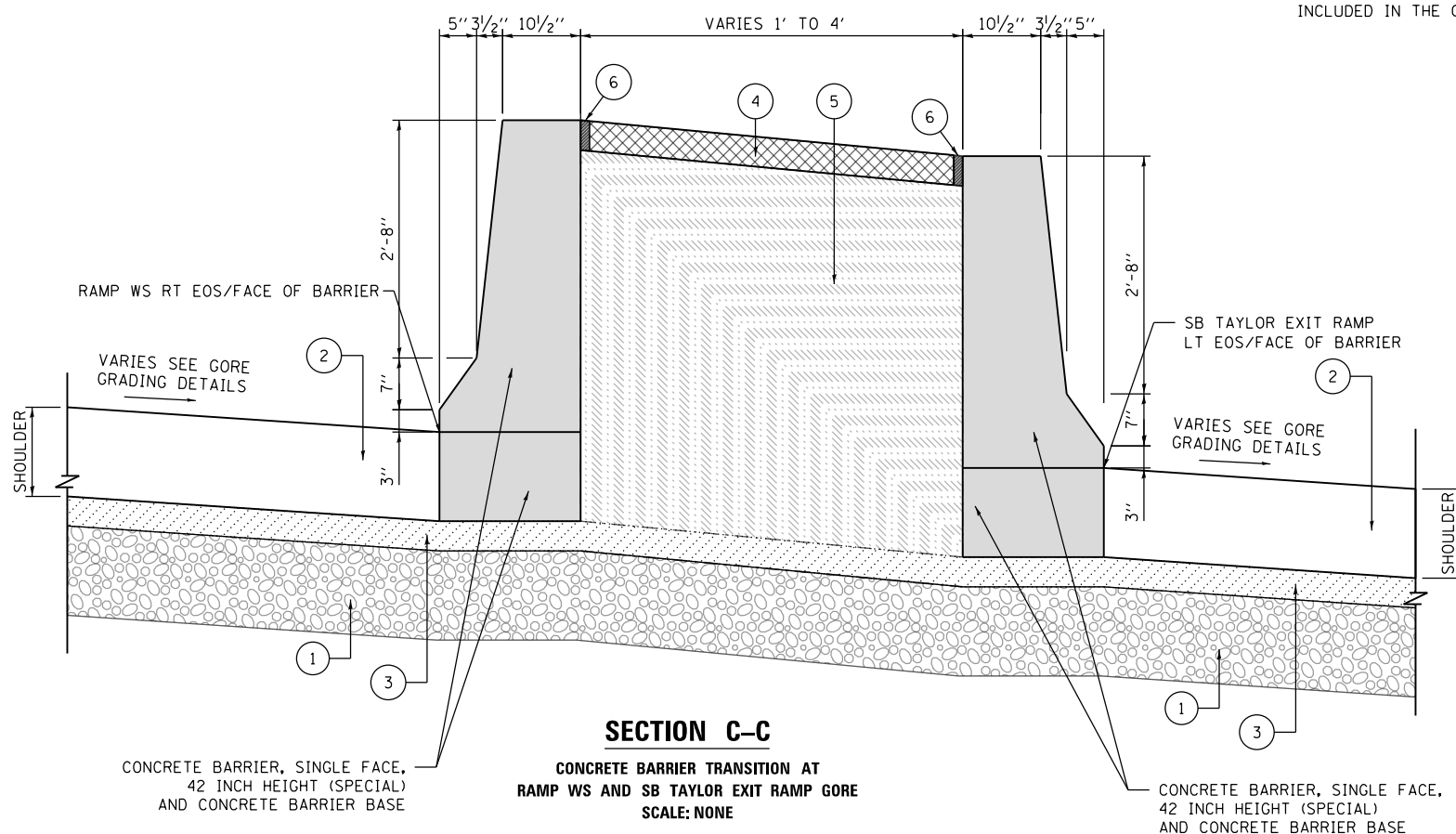


**SECTION A-A**  
**CONCRETE BARRIER TRANSITION AT**  
**RAMP WS AND SB TAYLOR EXIT RAMP GORE**  
**SCALE: NONE**

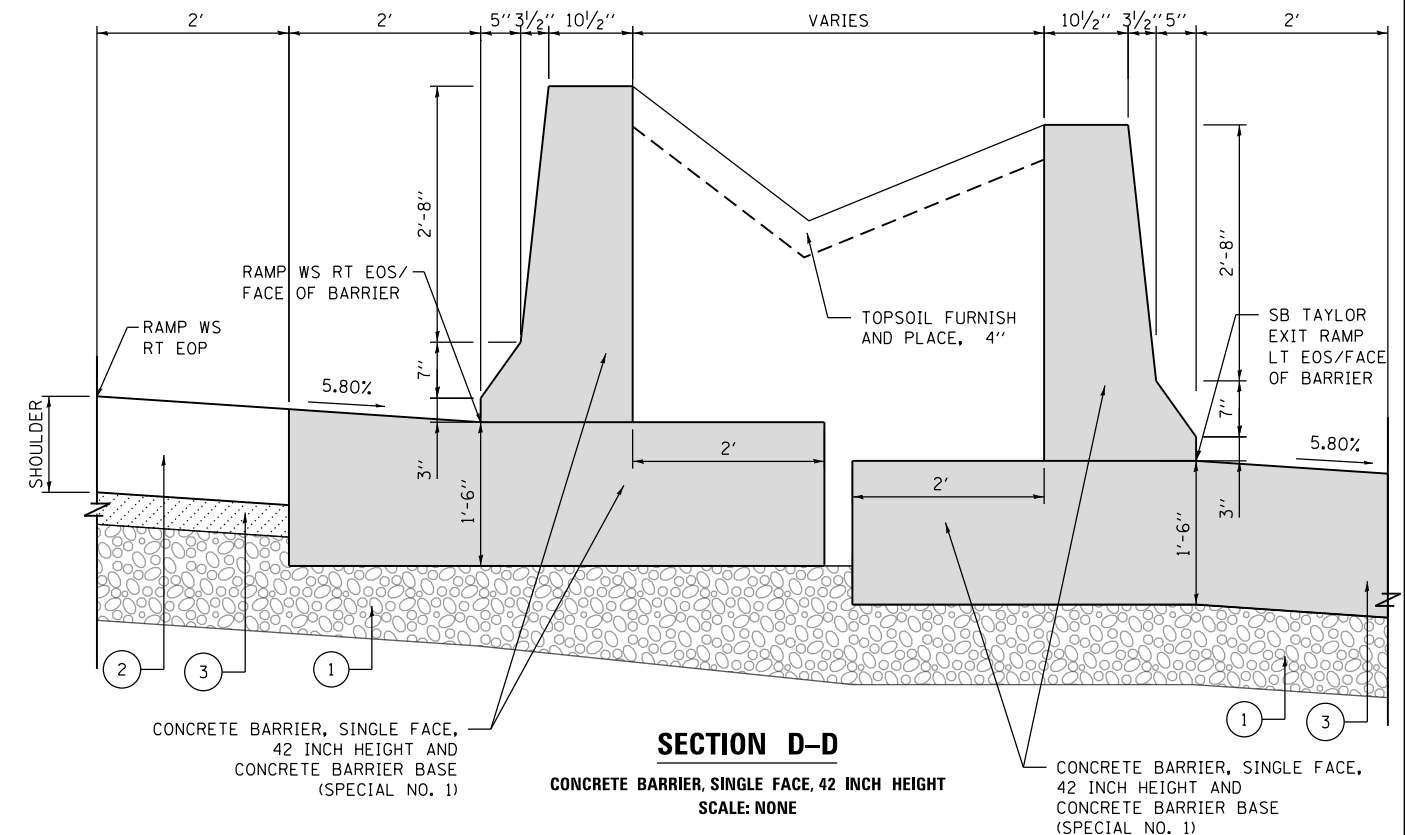


**SECTION B-B**  
**CONCRETE BARRIER TRANSITION AT**  
**RAMP WS AND SB TAYLOR EXIT RAMP GORE**  
**SCALE: NONE**

- LEGEND:**
- ① AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ② PORTLAND CEMENT CONCRETE SHOULDERS 11"
  - ③ SUBBASE GRANULAR MATERIAL, TYPE B 4"
  - ④ CONCRETE MEDIAN SURFACE, 4 INCH
  - ⑤ POROUS GRANULAR EMBANKMENT
  - ⑥ 3/4" PREFORMED JOINT FILLER (PJF), INCLUDED IN THE COST CONCRETE BARRIER



**SECTION C-C**  
**CONCRETE BARRIER TRANSITION AT**  
**RAMP WS AND SB TAYLOR EXIT RAMP GORE**  
**SCALE: NONE**



**SECTION D-D**  
**CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT**  
**SCALE: NONE**



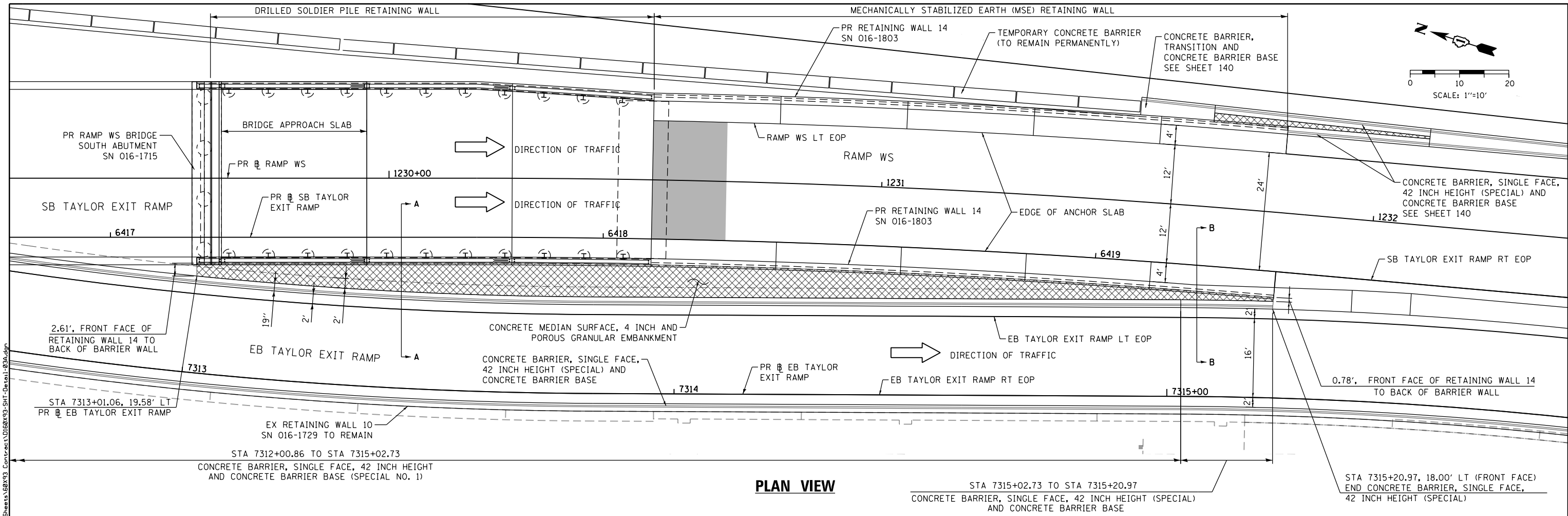
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DRAWN - OPS/ZND	REVISED -
CHECKED - MJE	REVISED -
DATE - 7/30/2018	REVISED -

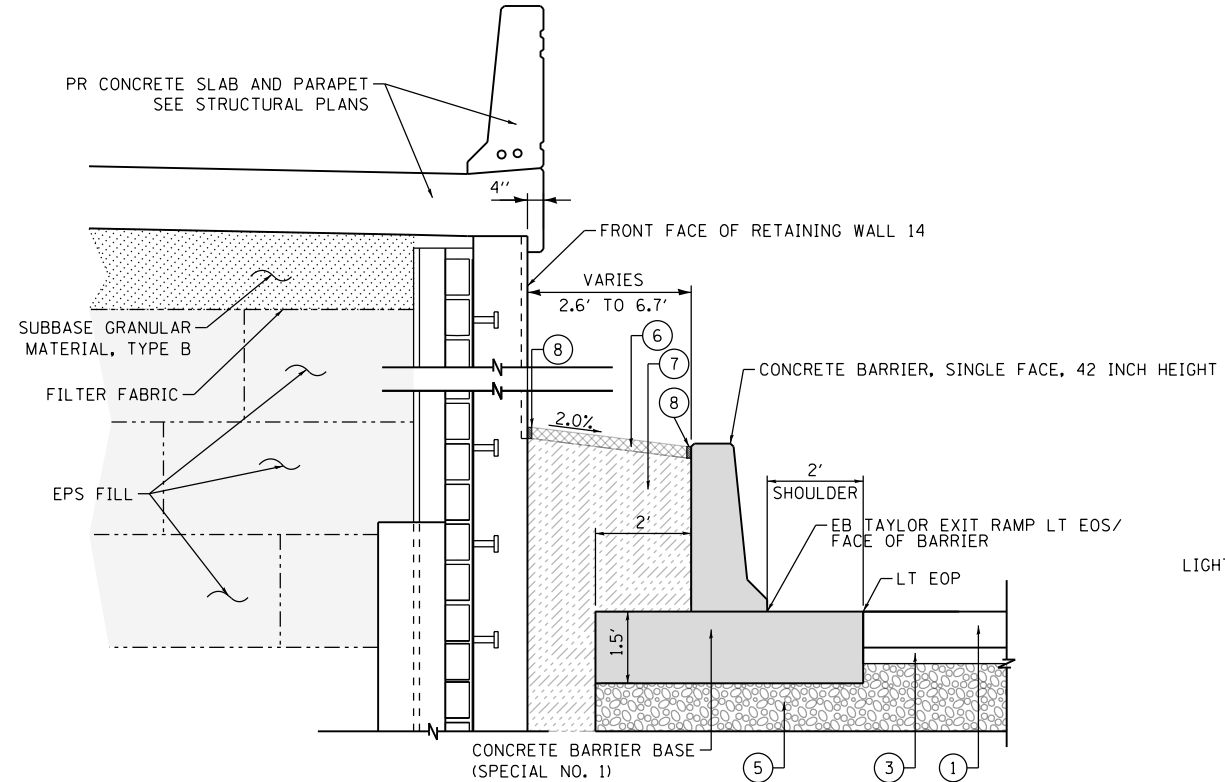
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**CONCRETE BARRIER DETAILS**  
**CONCRETE BARRIER TRANSITION AT**  
**RAMP WS AND SB TAYLOR EXIT RAMP GORE**  
 SCALE: NONE SHEET 10 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	138
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



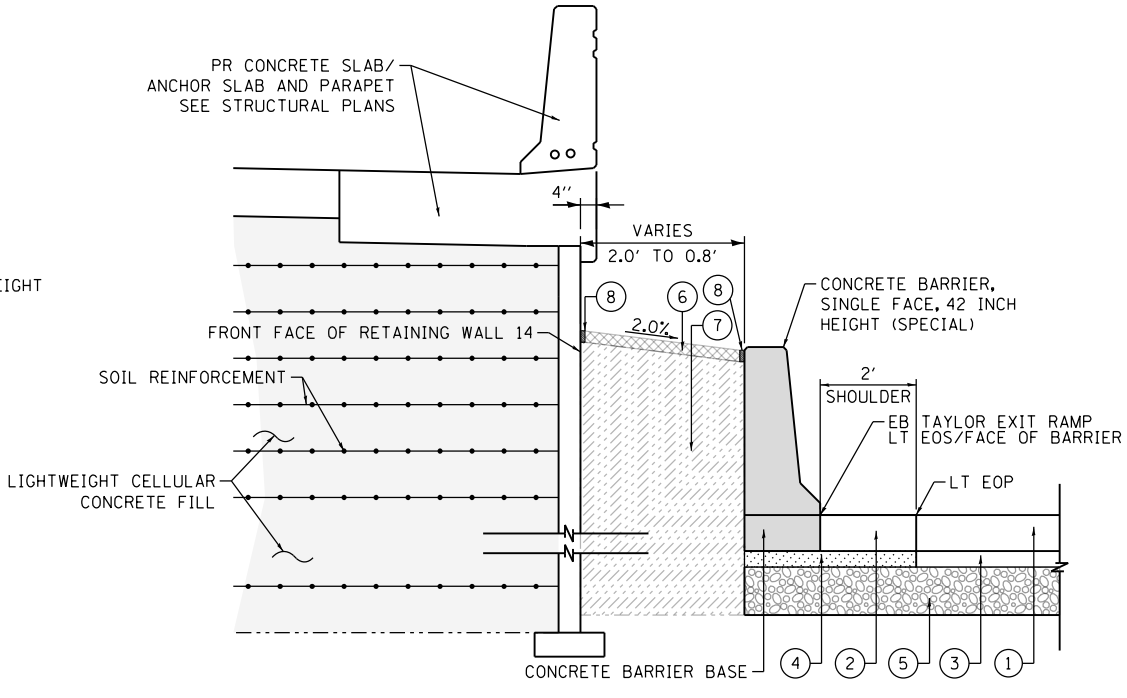
**PLAN VIEW**



**SECTION "A-A"**

CONCRETE BARRIER AT WEST FACE OF PR RETAINING WALL 14 (SN 016-1803)

SCALE: NONE



**SECTION "B-B"**

CONCRETE BARRIER AT WEST FACE OF PR RETAINING WALL 14 (SN 016-1803)

SCALE: NONE

**NOTE:**

ALL STATIONS AND OFFSETS ARE MEASURED FROM PR EB TAYLOR EXIT RAMP UNLESS OTHERWISE NOTED.

**LEGEND:**

- ① PORTLAND CEMENT CONCRETE PAVEMENT 9" (JOINTED)
- ② PORTLAND CEMENT CONCRETE SHOULDERS 9"
- ③ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
- ④ SUBBASE GRANULAR MATERIAL, TYPE B 4"
- ⑤ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑥ CONCRETE MEDIAN SURFACE, 4 INCH
- ⑦ POROUS GRANULAR EMBANKMENT
- ⑧ 3/4" PREFORMED JOINT FILLER (PJF), INCLUDED IN THE COST CONCRETE BARRIER

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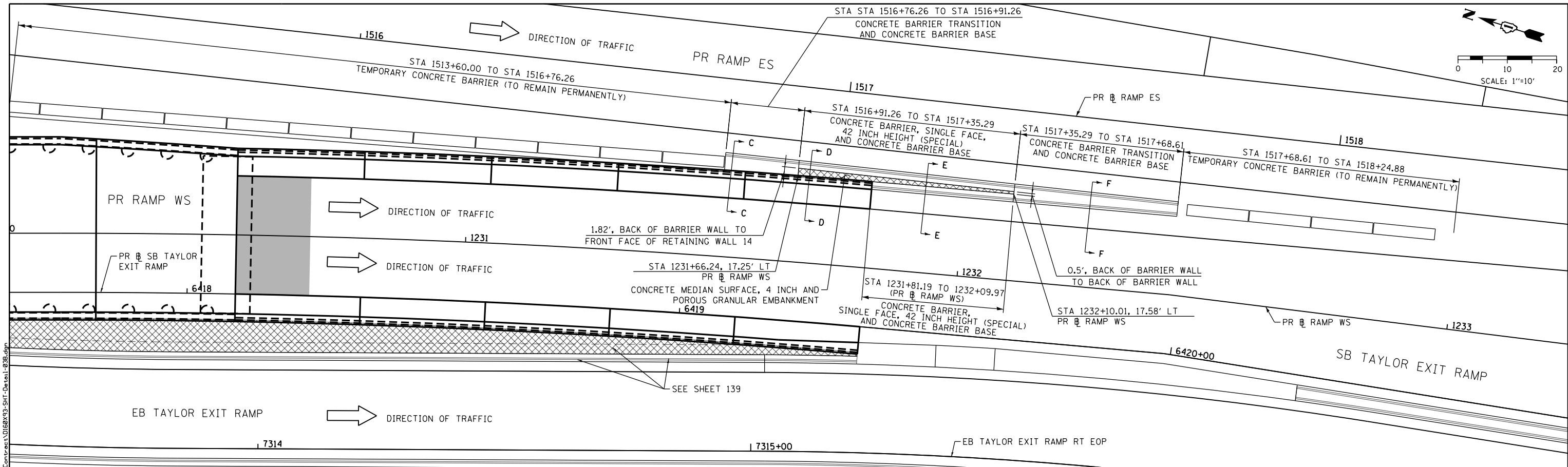
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 PLOT DATE = 7/30/2018

DESIGNED - OPS	REVISED -
DRAWN - OPS/ZND	REVISED -
CHECKED - MJE	REVISED -
DATE - 7/30/2018	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

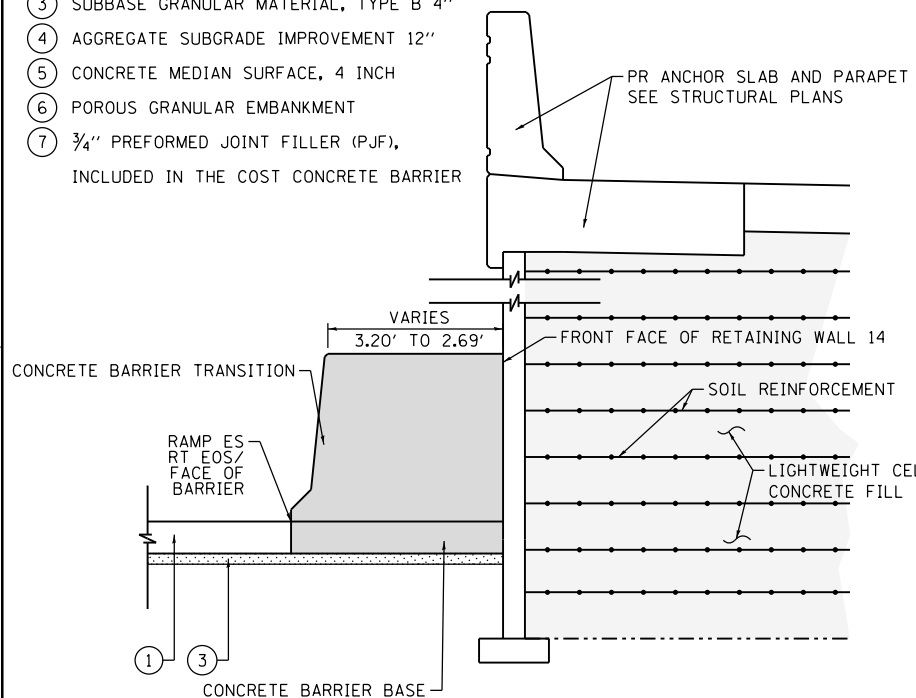
CONCRETE BARRIER DETAILS  
 CONCRETE BARRIER AT  
 PR RETAINING WALL 14 (SN 016-1803)  
 SCALE: 1" = 10' SHEET 11 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	139
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

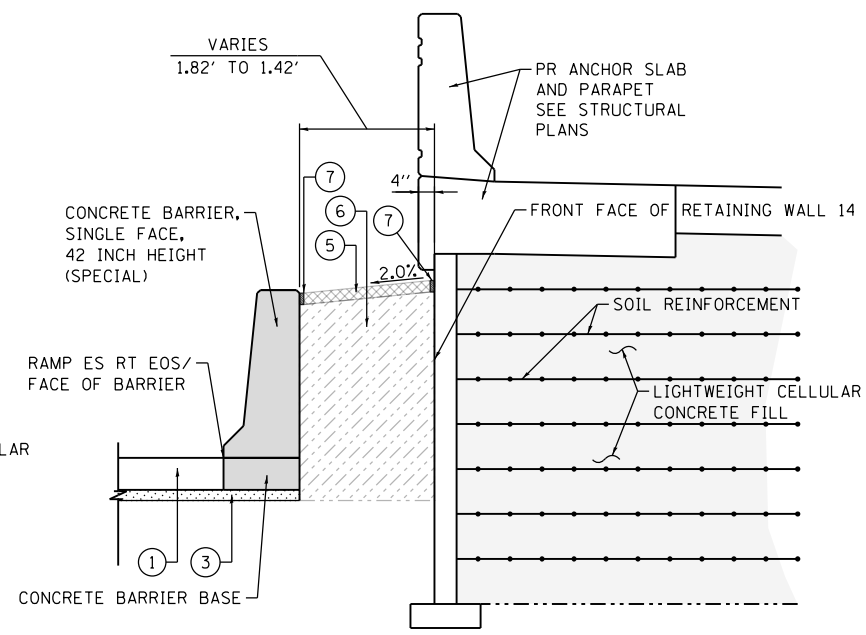


- LEGEND:**
- ① TEMPORARY PAVEMENT
  - ② PORTLAND CEMENT CONCRETE SHOULDERS 11"
  - ③ SUBBASE GRANULAR MATERIAL, TYPE B 4"
  - ④ AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ⑤ CONCRETE MEDIAN SURFACE, 4 INCH
  - ⑥ POROUS GRANULAR EMBANKMENT
  - ⑦ 3/4" PREFORMED JOINT FILLER (PJF), INCLUDED IN THE COST CONCRETE BARRIER

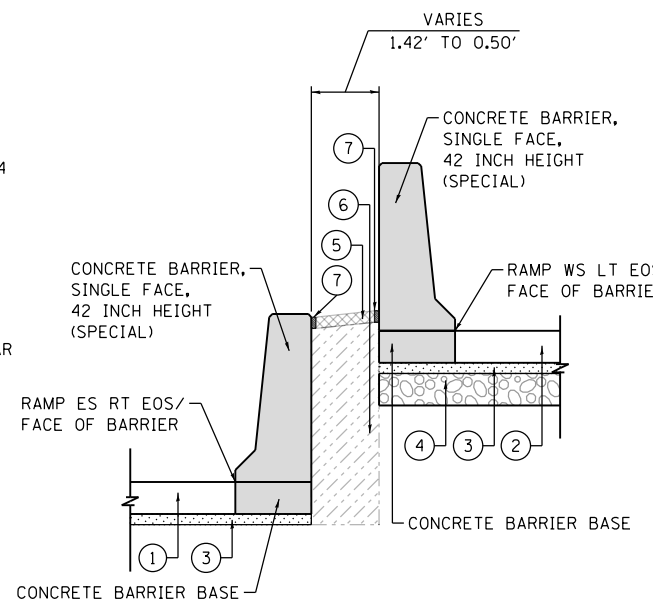
**NOTE:**  
 ALL STATIONS AND OFFSETS ARE MEASURED FROM PR RAMP ES UNLESS OTHERWISE NOTED.



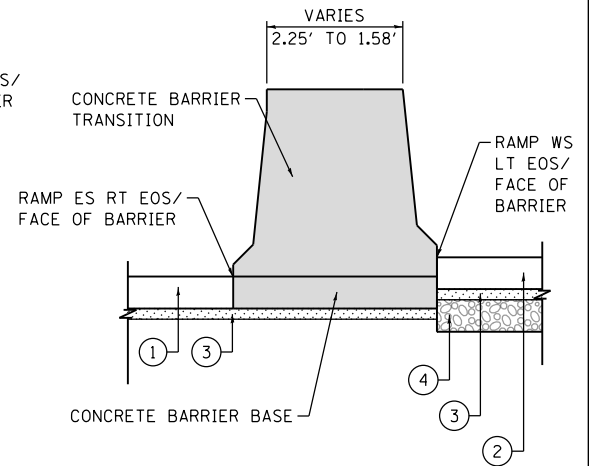
**SECTION "C-C"**  
 CONCRETE BARRIER TRANSITION AT EAST FACE OF PR RETAINING WALL 14 (SN 016-1803)  
 SCALE: NONE



**SECTION "D-D"**  
 CONCRETE BARRIER AT EAST FACE OF PR RETAINING WALL 14 (SN 016-1803)  
 SCALE: NONE



**SECTION "E-E"**  
 CONCRETE BARRIER WALL AT RAMP WS AND RAMP ES  
 SCALE: NONE



**SECTION "F-F"**  
 CONCRETE BARRIER TRANSITION AT RAMP WS AND RAMP ES GORE  
 SCALE: NONE



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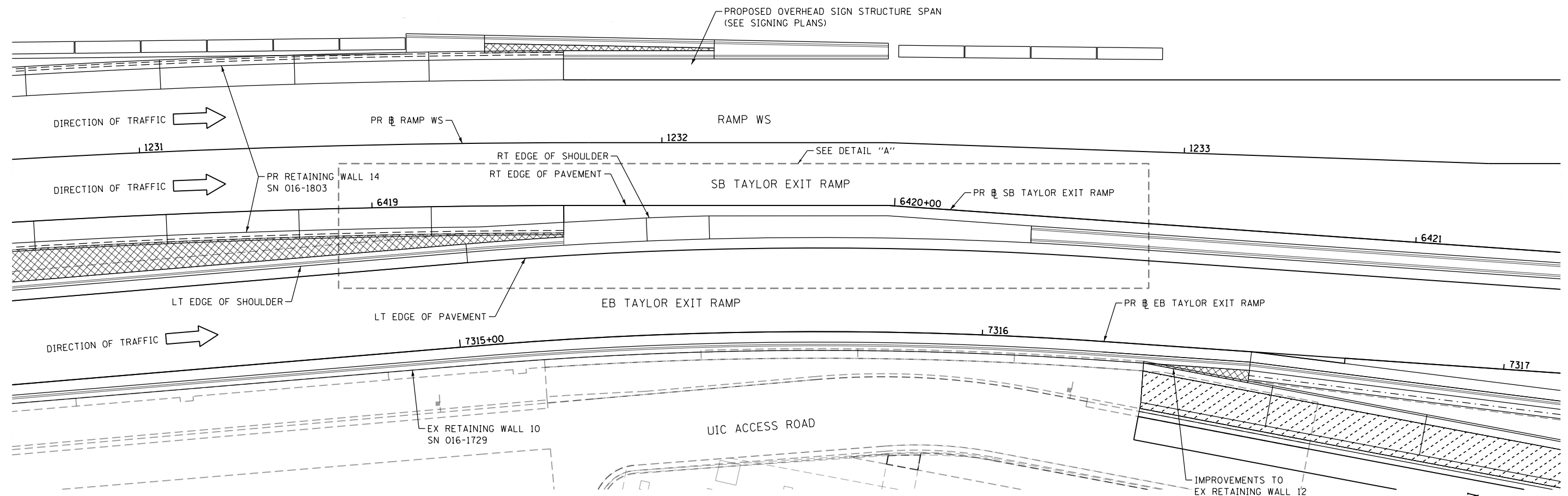
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CONCRETE BARRIER DETAILS	
CONCRETE BARRIER AT PR RETAINING WALL 14 (SN 016-1803)	
SCALE: 1" = 10'	SHEET 12 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	140
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

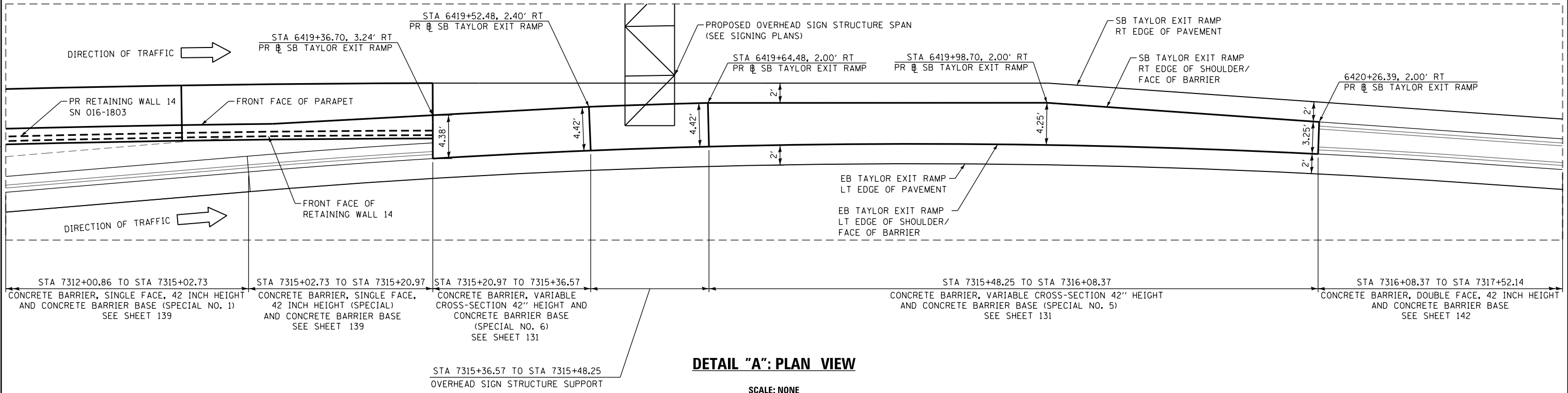
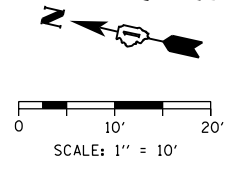


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**PLAN VIEW**

**NOTE:**  
 1. ALL STATIONS AND OFFSETS ARE MEASURED FROM PR # EB TAYLOR EXIT RAMP ALIGNMENT UNLESS OTHERWISE NOTED.



**DETAIL "A": PLAN VIEW**

SCALE: NONE

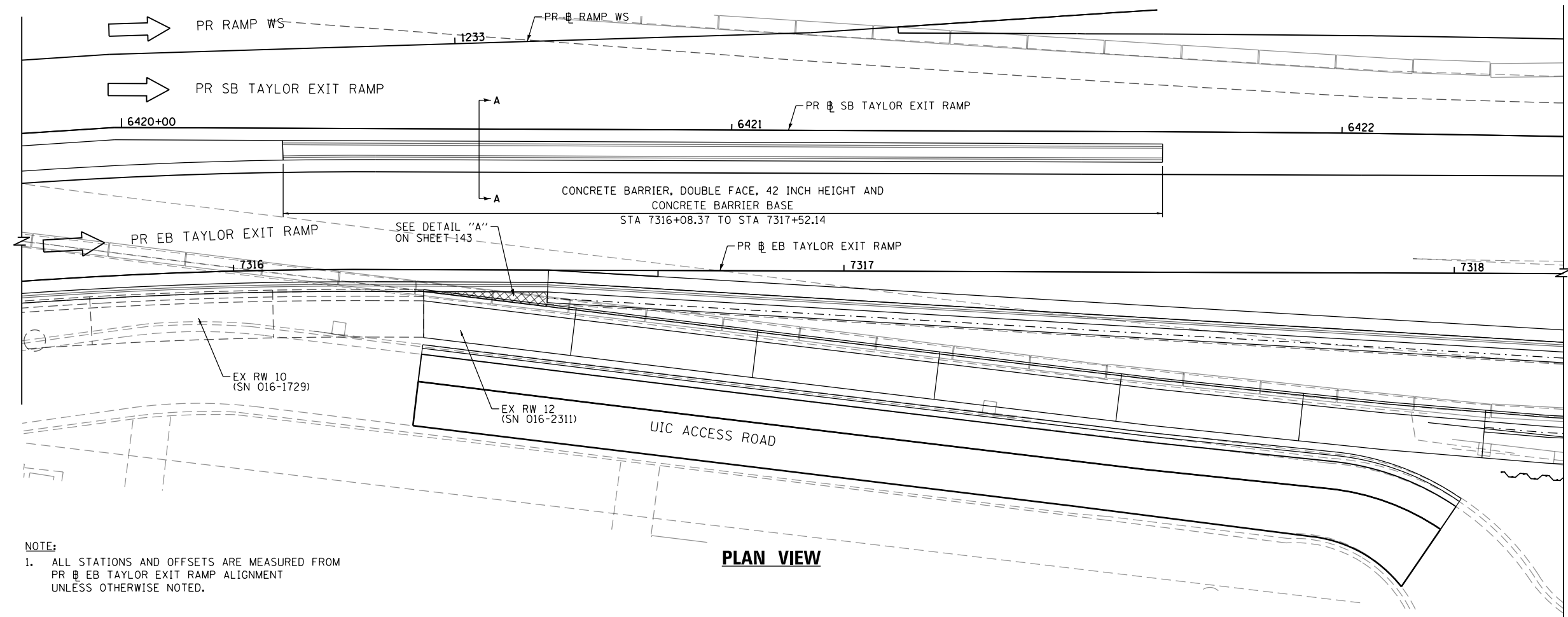
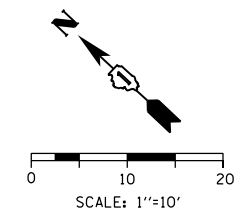


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PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>CONCRETE BARRIER DETAILS    AT OVERHEAD SIGN STRUCTURE</b>	
SCALE: 1" = 10'	SHEET 13 OF 24 SHEETS STA. TO STA.

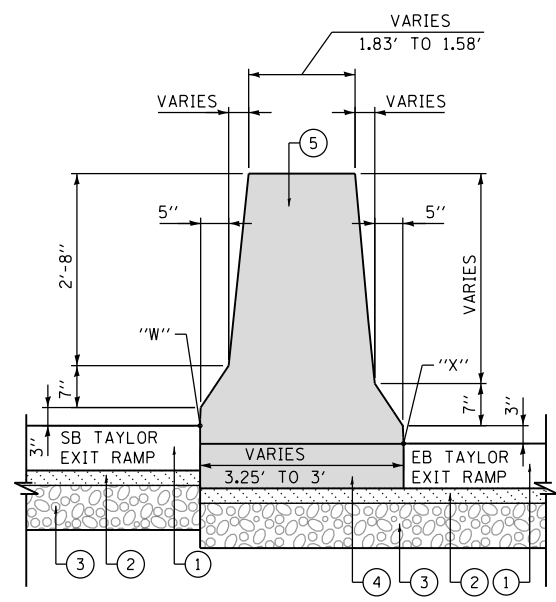
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	141
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



**NOTE:**  
 1. ALL STATIONS AND OFFSETS ARE MEASURED FROM PR EB TAYLOR EXIT RAMP ALIGNMENT UNLESS OTHERWISE NOTED.

**PLAN VIEW**

- LEGEND:**
- ① PORTLAND CEMENT CONCRETE SHOULDERS 9"
  - ② SUBBASE GRANULAR MATERIAL, TYPE B 4"
  - ③ AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ④ CONCRETE BARRIER BASE
  - ⑤ CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT



**SECTION A-A**

SCALE: NONE

STA PR EB TAYLOR EXIT RAMP	PGL ELEVATION	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT ELEVATIONS AND OFFSETS				TOP OF WALL ELEVATION
		X (EB TAYLOR EXIT RAMP LT EOS)		W (SB TAYLOR EXIT RAMP RT EOS)		
		OFFSET	ELEVATION	OFFSET	ELEVATION	
7316+08.37	581.34	18.00' LT	581.84	21.24' LT	581.80	585.34
7316+23.18	580.97	18.00' LT	581.38	21.09' LT	581.34	584.88
7316+25.00	580.93	18.00' LT	581.33	21.09' LT	581.29	584.83
7316+50.00	580.31	18.00' LT	580.55	21.07' LT	580.66	584.16
7316+75.00	579.68	18.00' LT	579.92	21.05' LT	580.05	583.55
7317+00.00	579.06	18.00' LT	579.30	21.04' LT	579.46	582.96
7317+25.00	578.44	18.00' LT	578.68	21.02' LT	578.83	582.33
7317+50.00	577.82	18.00' LT	578.17	21.00' LT	578.23	581.73
7317+52.14	577.77	18.00' LT	578.13	21.00' LT	578.19	581.69

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0160X93-SHT-Details-05.dgn  
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 PLOT DATE = 7/30/2018

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 DRAWN - ZND  
 CHECKED - MJE  
 DATE - 7/30/2018

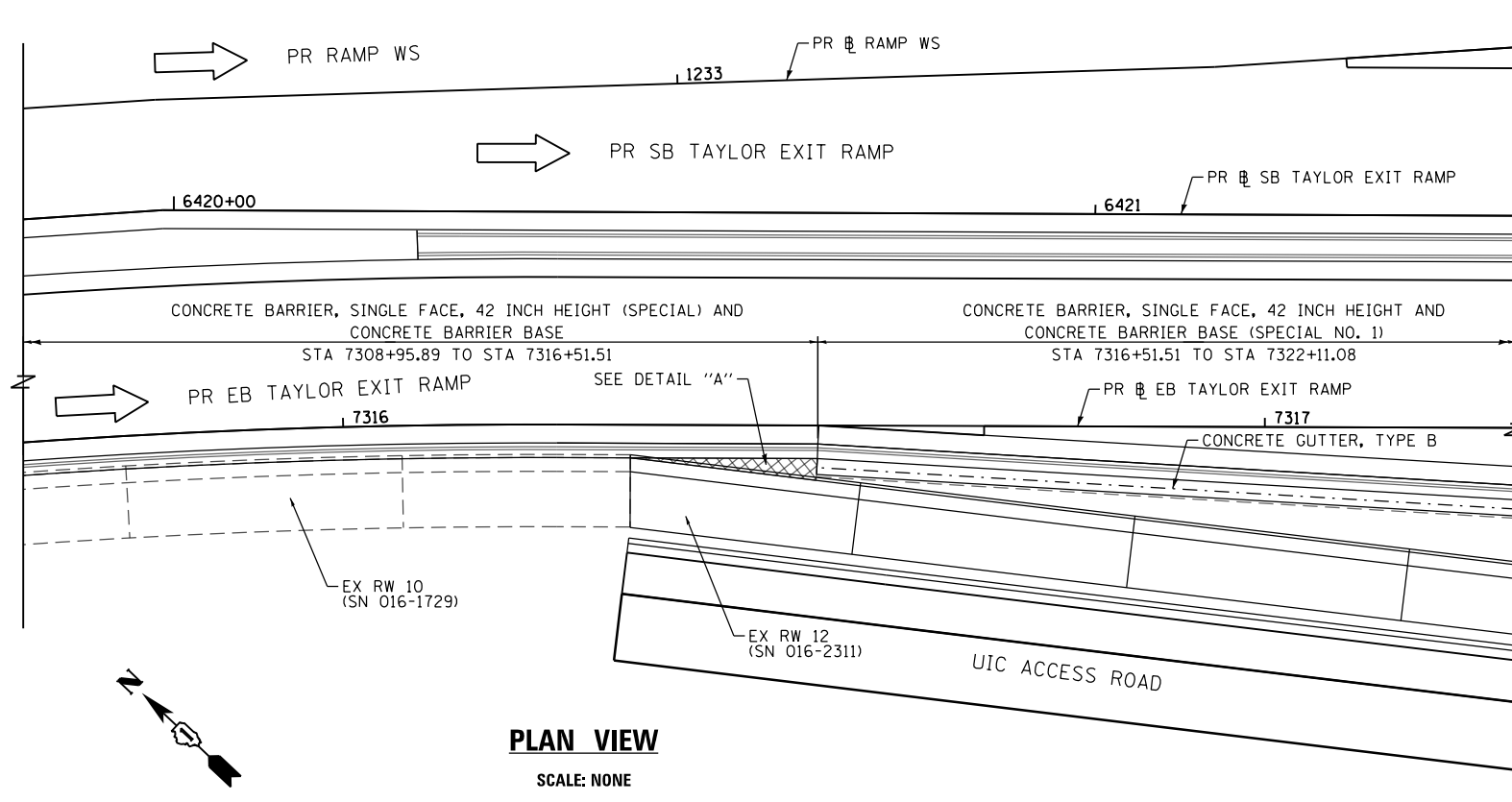
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 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

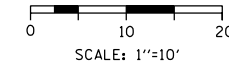
CONCRETE BARRIER DETAILS  
 CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT

SCALE: 1" = 10' SHEET 14 OF 24 SHEETS STA. TO STA.

F.A.I. RTE. 90/94/290	SECTION 2014-013R&B-R	COUNTY COOK	TOTAL SHEETS 1972	SHEET NO. 142
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

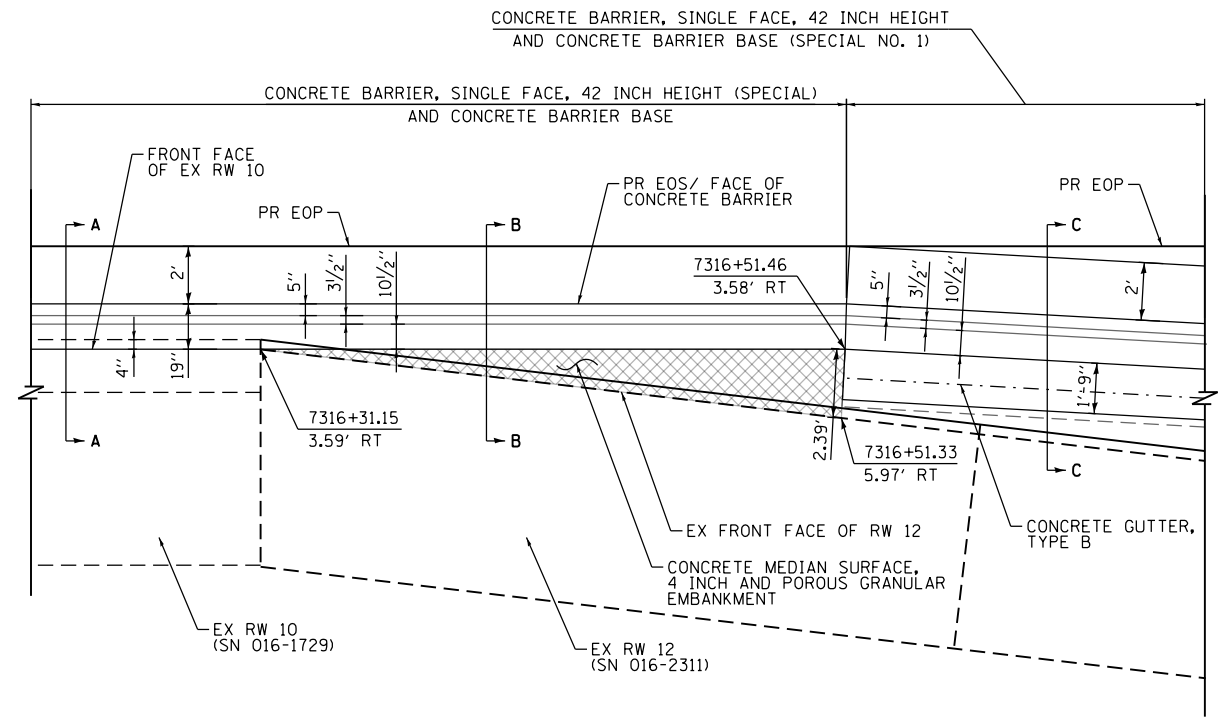


**PLAN VIEW**  
SCALE: NONE

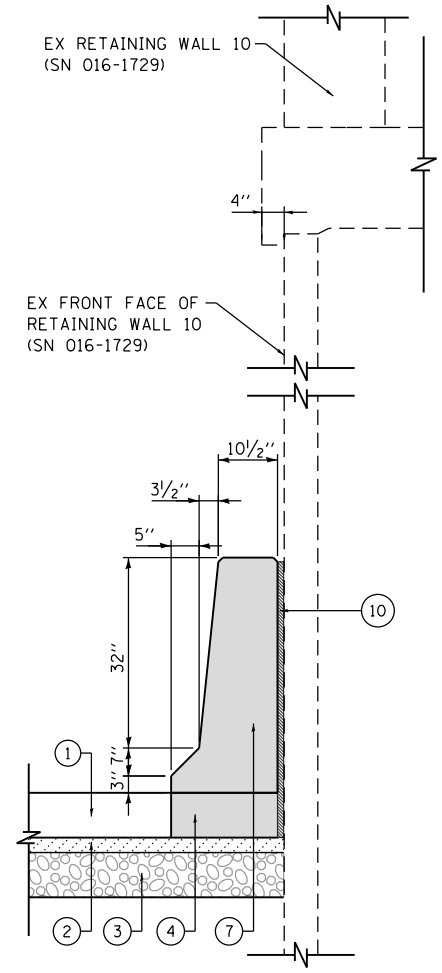


**NOTE:**  
1. ALL STATIONS AND OFFSETS ARE MEASURED FROM PR EB TAYLOR EXIT RAMP (P-TAY-ES) ALIGNMENT UNLESS OTHERWISE NOTED.

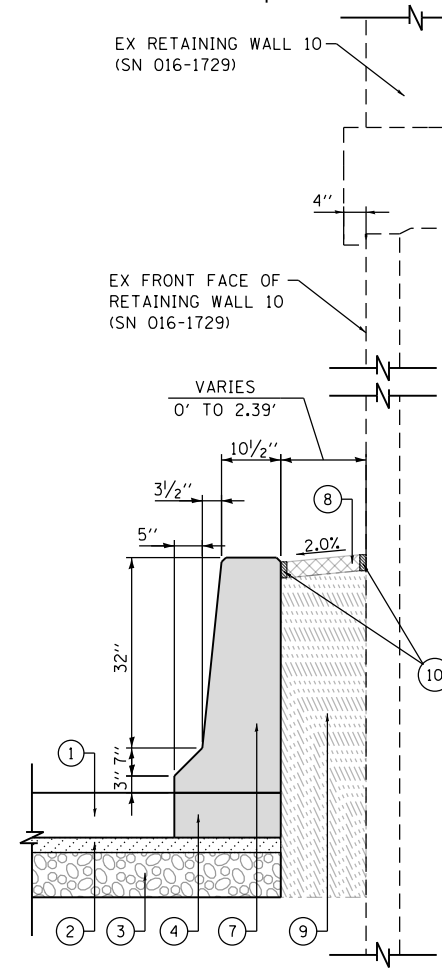
- LEGEND:**
- ① PORTLAND CEMENT CONCRETE SHOULDERS 9"
  - ② SUBBASE GRANULAR MATERIAL, TYPE B 4"
  - ③ AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ④ CONCRETE BARRIER BASE
  - ⑤ CONCRETE BARRIER BASE (SPECIAL NO. 1)
  - ⑥ CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
  - ⑦ CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)
  - ⑧ CONCRETE MEDIAN SURFACE, 4 INCH
  - ⑨ POROUS GRANULAR EMBANKMENT
  - ⑩ 3/4" PREFORMED JOINT FILLER (PJF), INCLUDED IN THE COST OF CONCRETE BARRIER
  - ⑪ CONCRETE GUTTER, TYPE B
  - ⑫ TOPSOIL FURNISH AND PLACE, 24" AND SEEDING



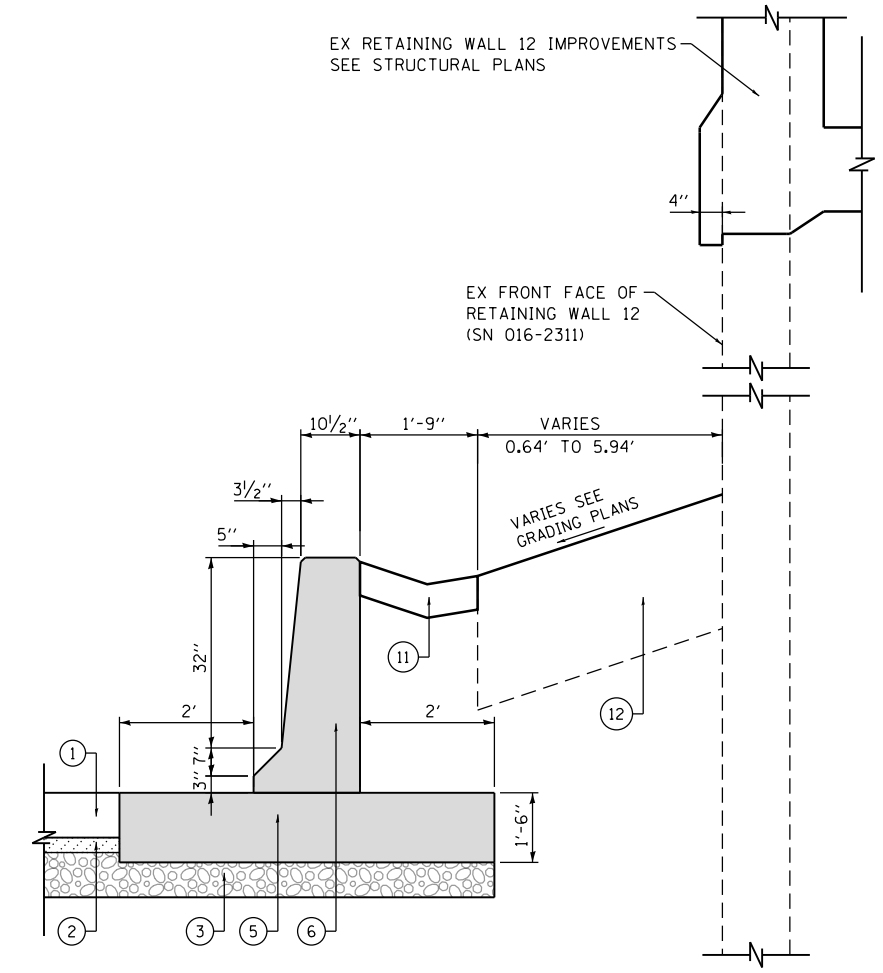
**DETAIL "A": PLAN VIEW**  
SCALE: NONE



**SECTION A-A**  
SCALE: NONE



**SECTION B-B**  
SCALE: NONE



**SECTION C-C**  
SCALE: NONE

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**CONCRETE BARRIER DETAILS  
AT RETAINING WALL 10  
AND RETAINING WALL 12**

SCALE: 1" = 10' SHEET 15 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	143
CONTRACT NO. 60X93				

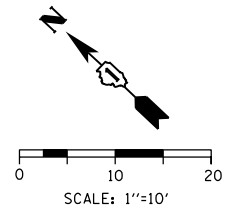
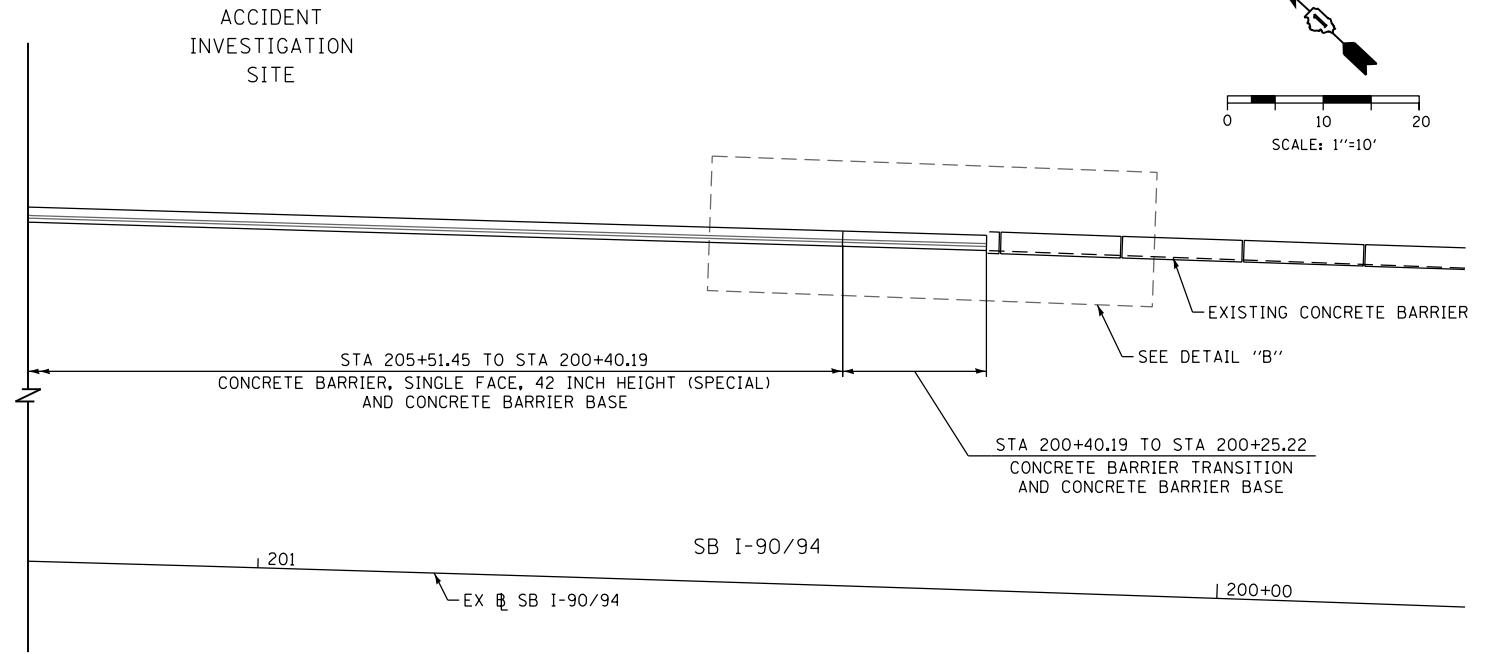
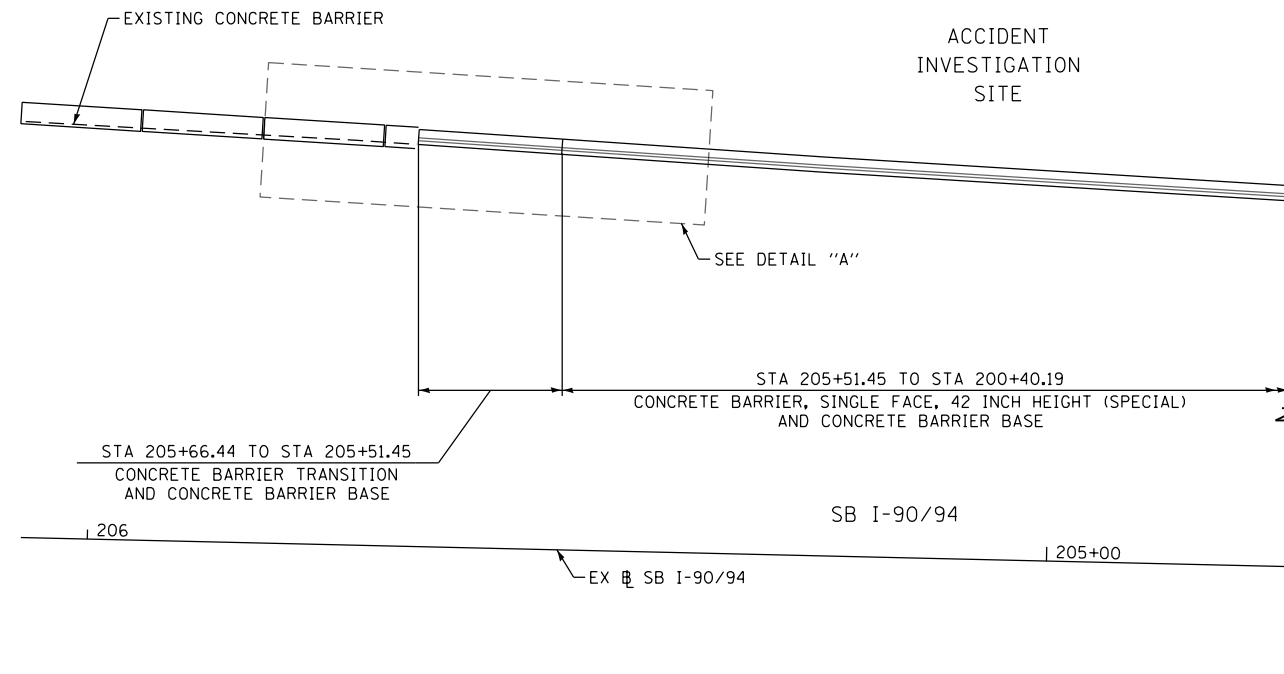
ILLINOIS FED. AID PROJECT

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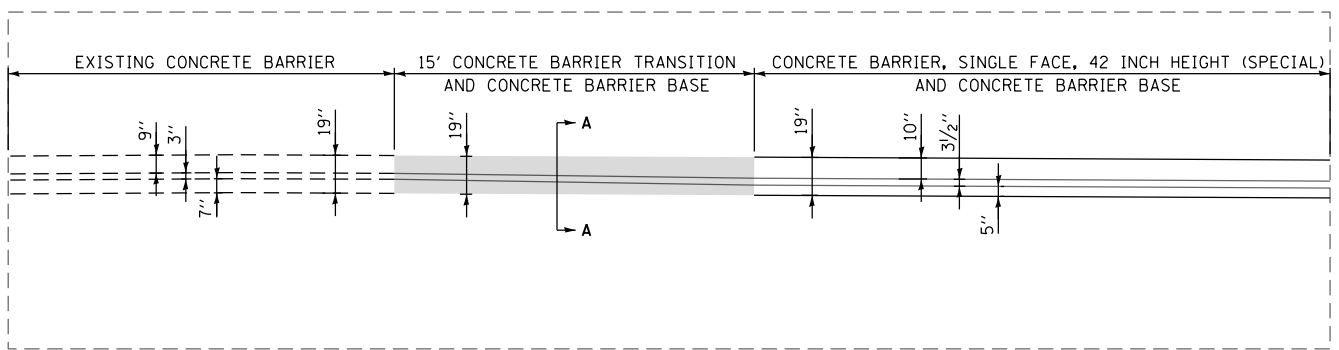


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DATE - 7/30/2018	REVISED -

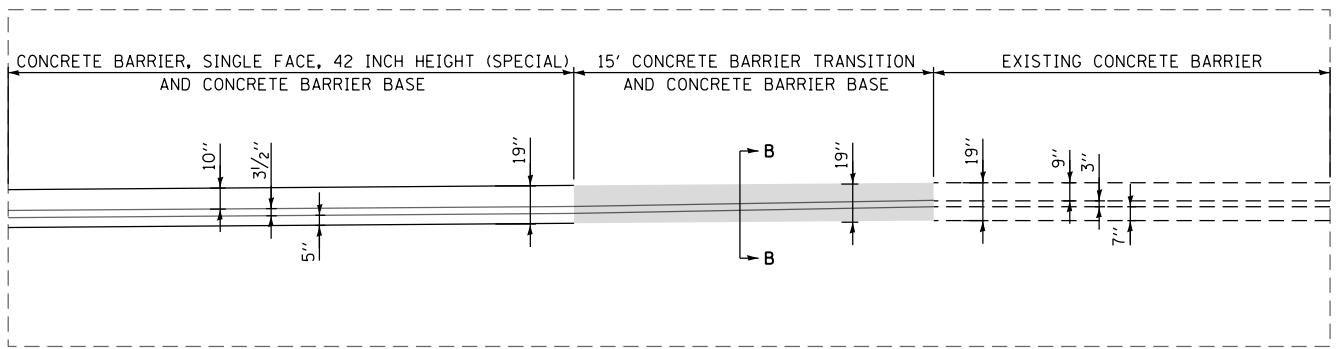


**PLAN VIEW**



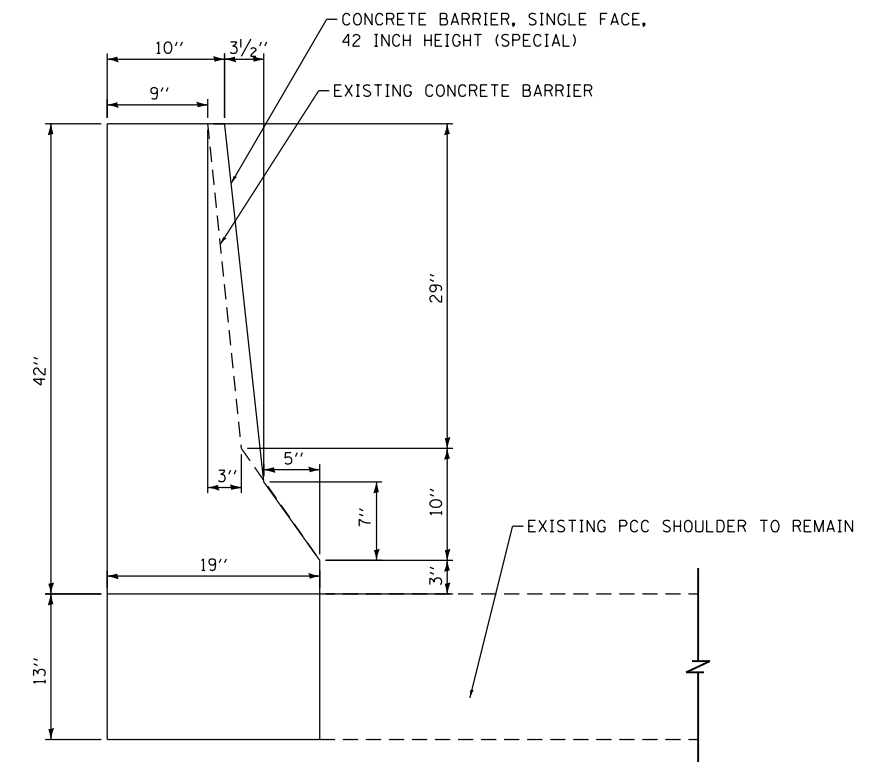
**DETAIL "A": PLAN VIEW**

SCALE: NONE



**DETAIL "B": PLAN VIEW**

SCALE: NONE



**SECTION A-A & SECTION B-B**

SCALE: NONE

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PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

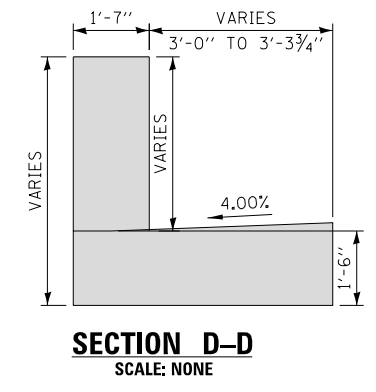
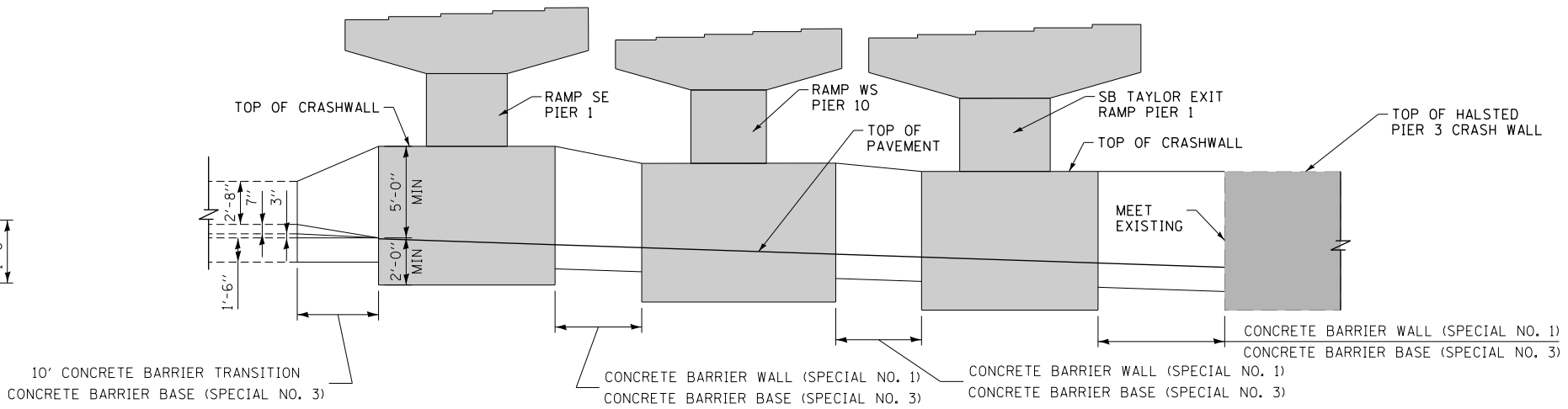
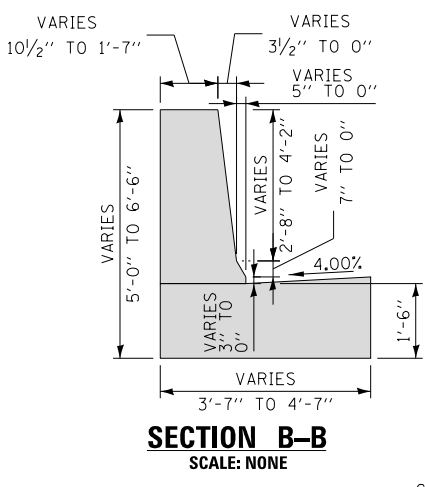
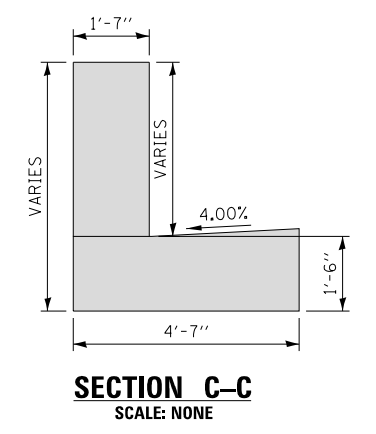
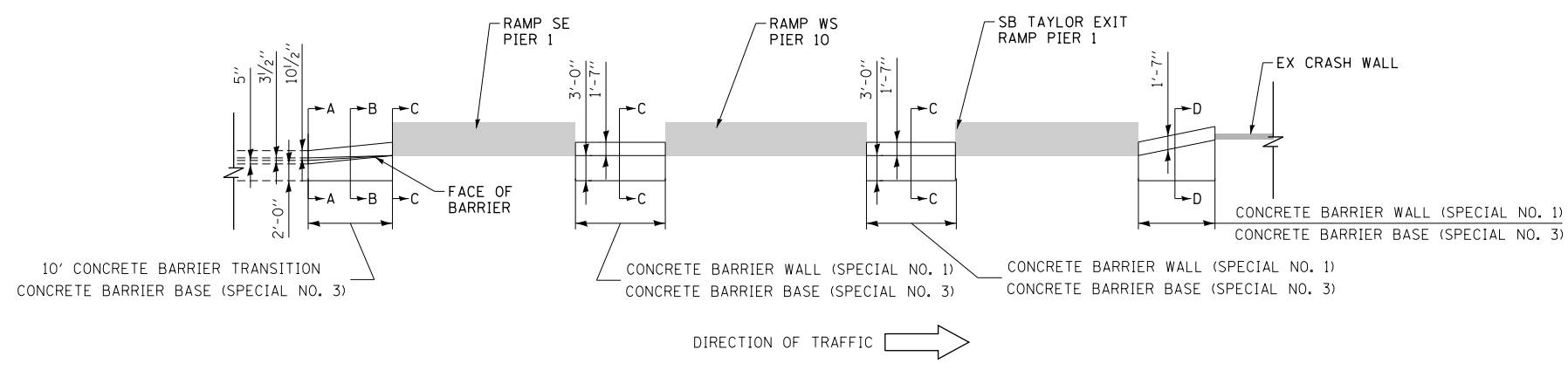
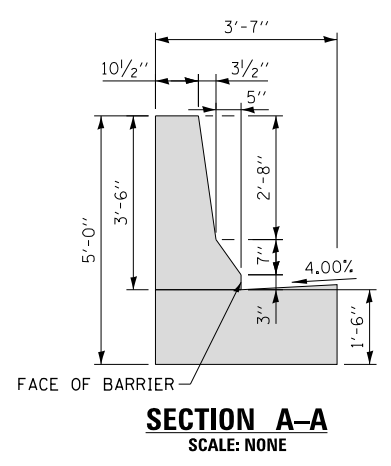
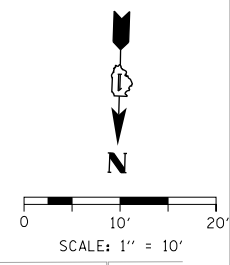
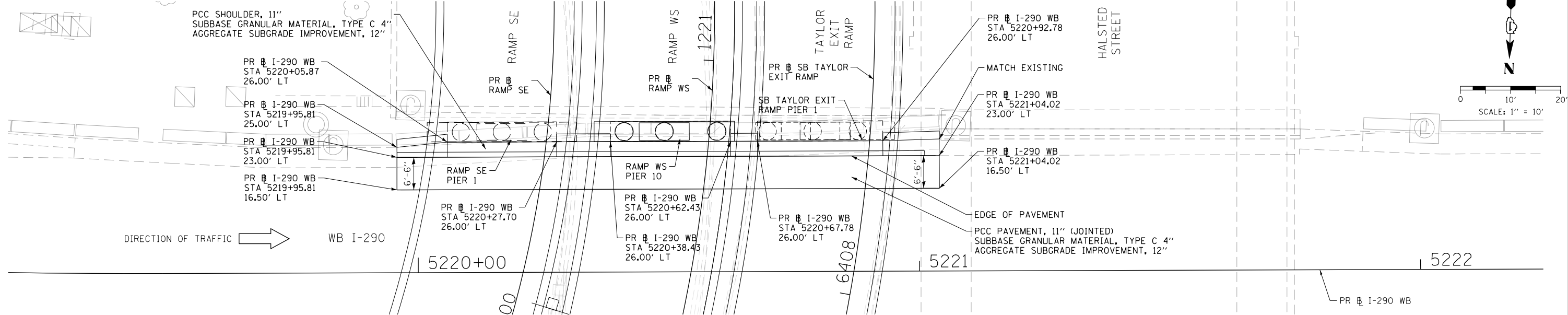
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>CONCRETE BARRIER DETAILS EX SB I-90/94 ACCIDENT INVESTIGATION SITE</b>		
SCALE: 1" = 10'	SHEET 16 OF 24 SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	144
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

CTA BLUE LINE

PCC SHOULDER, 11"  
SUBBASE GRANULAR MATERIAL, TYPE C 4"  
AGGREGATE SUBGRADE IMPROVEMENT, 12"



- NOTES:
- FOR RAMP SE PIER 1 CRASHWALL DIMENSIONS, SEE STRUCTURAL PLANS FOR S.N. 016-1714.
  - FOR RAMP WS PIER 10 CRASHWALL DIMENSIONS, SEE STRUCTURAL PLANS FOR S.N. 016-1715.
  - FOR SB TAYLOR EXIT RAMP PIER 1 CRASHWALL DIMENSIONS, SEE STRUCTURAL PLANS FOR S.N. 016-1718.

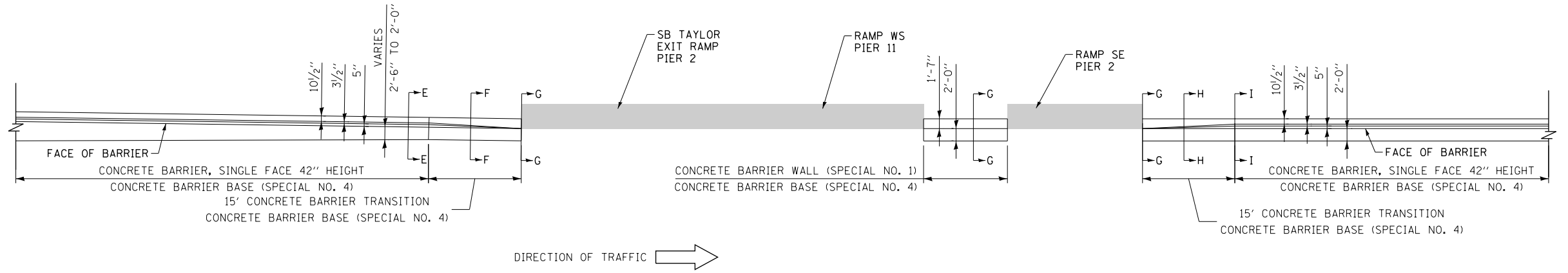
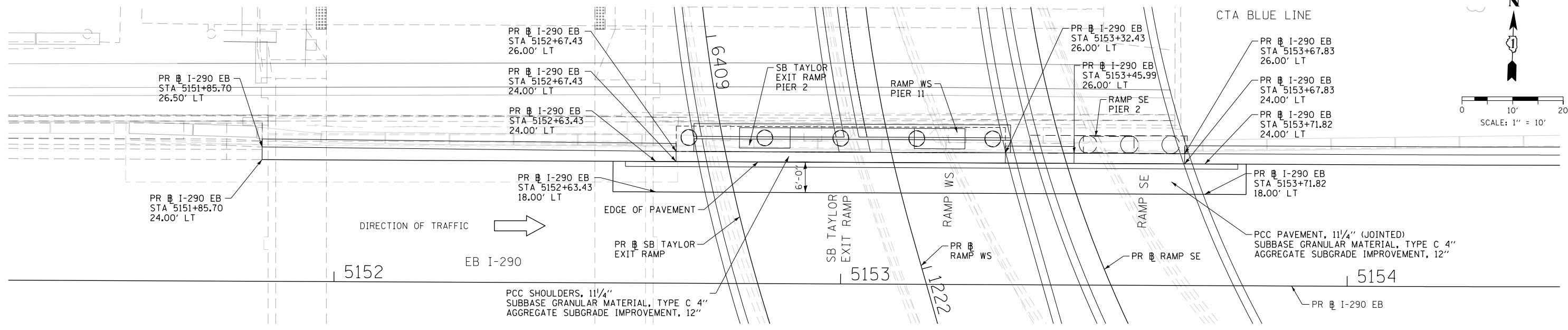
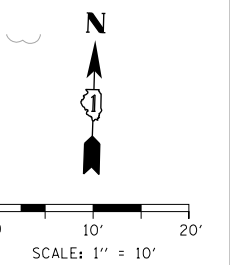
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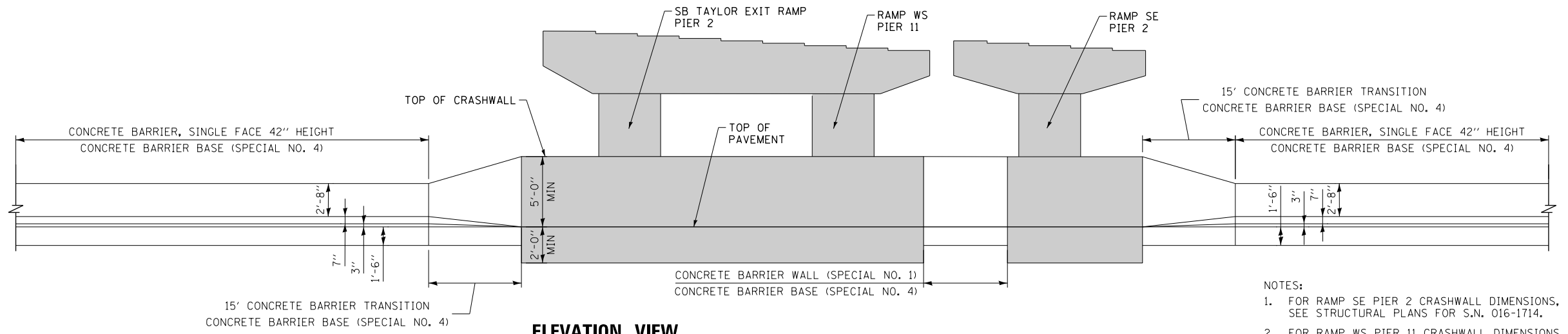
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PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

<b>CONCRETE BARRIER DETAILS</b>		F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CONCRETE BARRIER TRANSITIONS AT PR SB TAYLOR EXIT RAMP BRIDGE PIER 1, PR RAMP WS PIER 10, AND PR RAMP SE PIER 3		90/94/290	2014-013R&B-R	COOK	1972	145
SCALE: 1" = 10'		SHEET 17 OF 24 SHEETS		STA.	TO STA.	
ILLINOIS FED. AID PROJECT						



**ENLARGED PLAN VIEW**  
 CONCRETE BARRIER TRANSITION  
 AT WB I-290 BRIDGE  
 SCALE: NONE



**ELEVATION VIEW**  
 CONCRETE BARRIER TRANSITION  
 AT WB I-290 BRIDGE  
 SCALE: NONE  
 (LOOKING SOUTH)

- NOTES:
1. FOR RAMP SE PIER 2 CRASHWALL DIMENSIONS, SEE STRUCTURAL PLANS FOR S.N. 016-1714.
  2. FOR RAMP WS PIER 11 CRASHWALL DIMENSIONS, SEE STRUCTURAL PLANS FOR S.N. 016-1715.
  3. FOR SB TAYLOR EXIT RAMP PIER 2 CRASHWALL DIMENSIONS, SEE STRUCTURAL PLANS FOR S.N. 016-1718.

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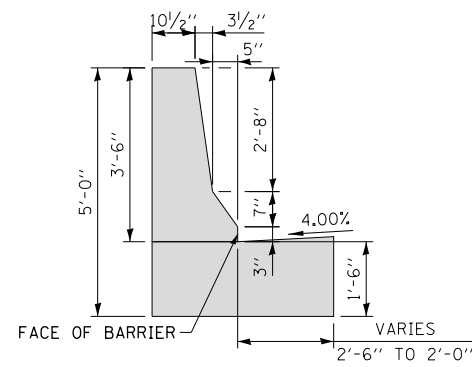
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PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

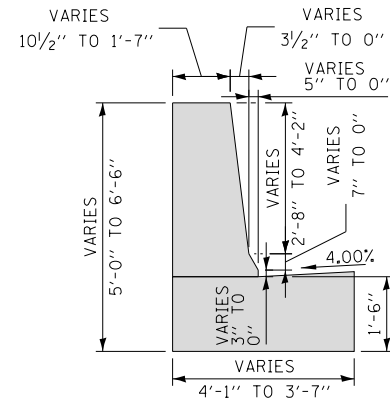
**CONCRETE BARRIER DETAILS**  
 CONCRETE BARRIER TRANSITION AT PR SB TAYLOR EXIT RAMP  
 BRIDGE PIER 2, PR RAMP WS PIER 11, AND RAMP SE PIER 2  
 SCALE: 1" = 10' SHEET 18 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	146
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

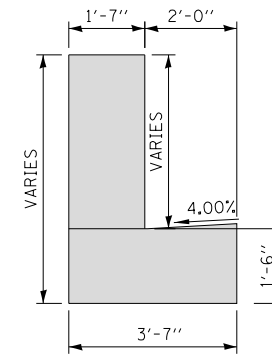
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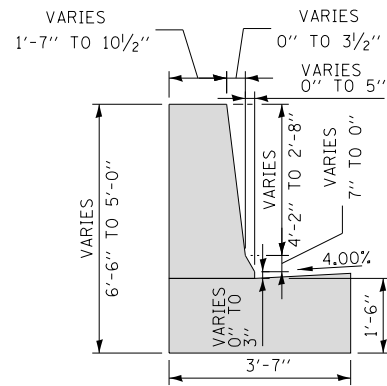
**SECTION E-E**  
SCALE: NONE



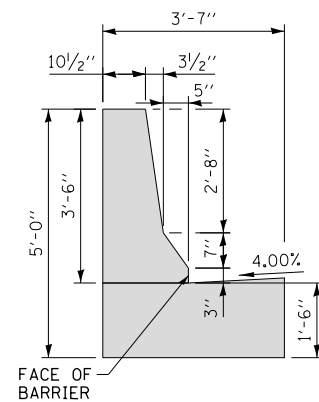
**SECTION F-F**  
SCALE: NONE



**SECTION G-G**  
SCALE: NONE



**SECTION H-H**  
SCALE: NONE



**SECTION I-I**  
SCALE: NONE



D160X93-SHT-SPBAR-CW-02B.dgn  
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PLOT SCALE = 20.0000' / in.  
PLOT DATE = 7/30/2018

DESIGNED - MSB  
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DATE - 7/30/2018

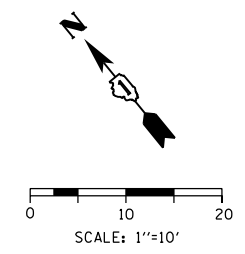
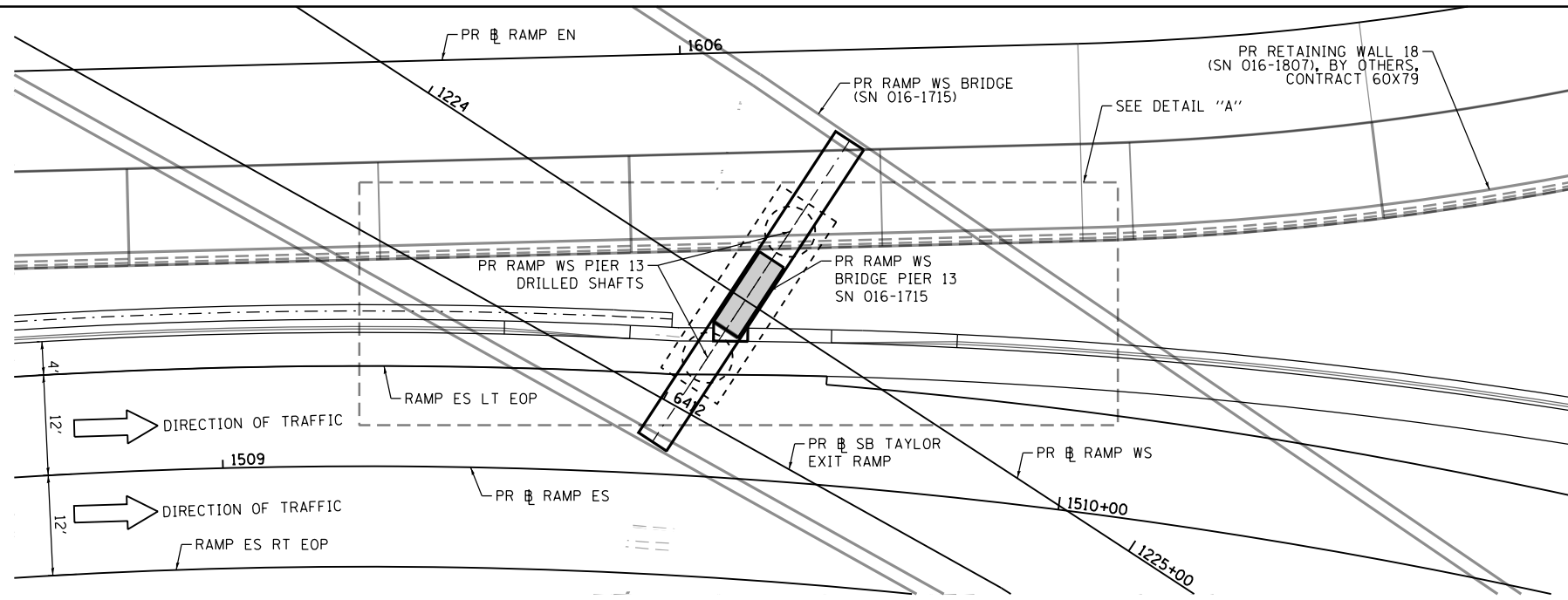
REVISED -  
REVISED -  
REVISED -  
REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

CONCRETE BARRIER DETAILS  
CONCRETE BARRIER TRANSITION AT PR SB TAYLOR EXIT RAMP  
BRIDGE PIER 2, PR RAMP WS PIER 11, AND RAMP SE PIER 2

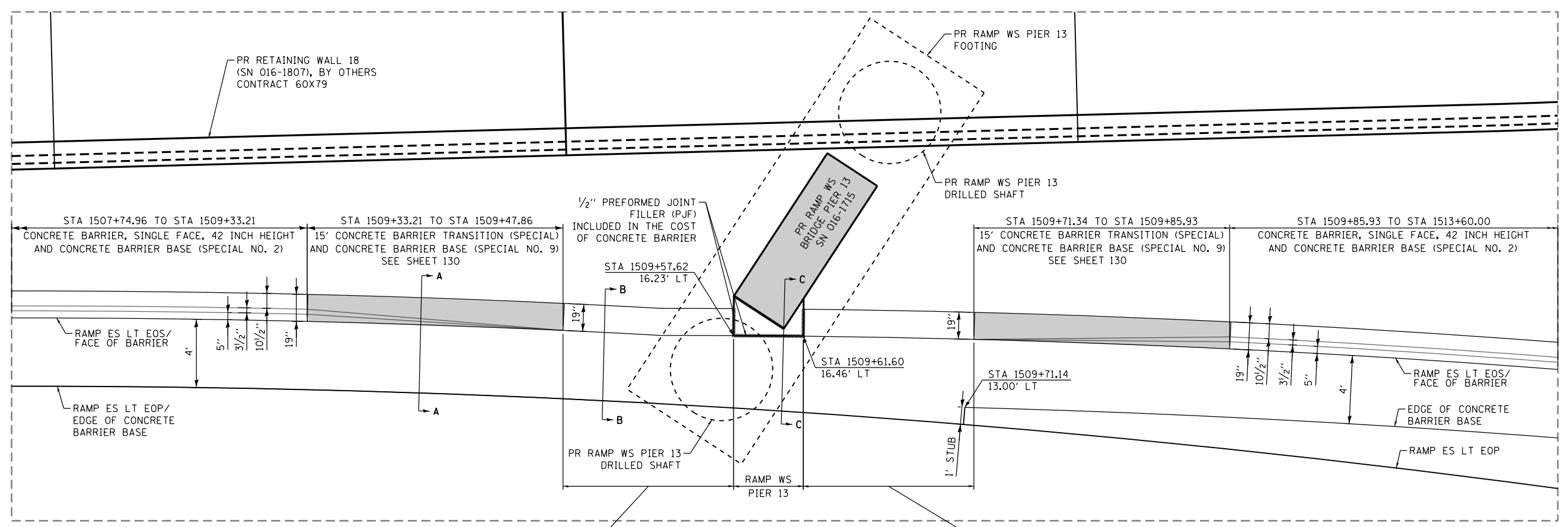
SCALE: NONE SHEET 19 OF 24 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	147
				CONTRACT NO. 60X93
ILLINOIS FED. AID PROJECT				



**NOTE:**  
 1. ALL STATIONS AND OFFSETS ARE MEASURED FROM PR RAMP ES UNLESS OTHERWISE NOTED.

**PLAN VIEW**



**DETAIL "A": PLAN VIEW**  
 CONCRETE BARRIER TRANSITION AT  
 PR RAMP WS BRIDGE PIER 13 (SN 016-1715)  
 SCALE: NONE  
 FOR DETAIL "A" ELEVATION VIEW  
 AND SECTIONS A-A, B-B, & C-C SEE SHEET 150

FILE PATH = p:\617479-PM\INT\pccommon\line\local\AECOM\0502\_NA\Documents\01\_Americas\T\engor\station\60269938\_Circle\Phase\_11\000\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-SHT-Detail-CW-01A.dgn



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PLOT SCALE = 20.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

DESIGNED - OPS	REVISED -
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CHECKED - MJE	REVISED -
DATE - 7/30/2018	REVISED -

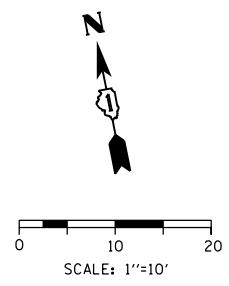
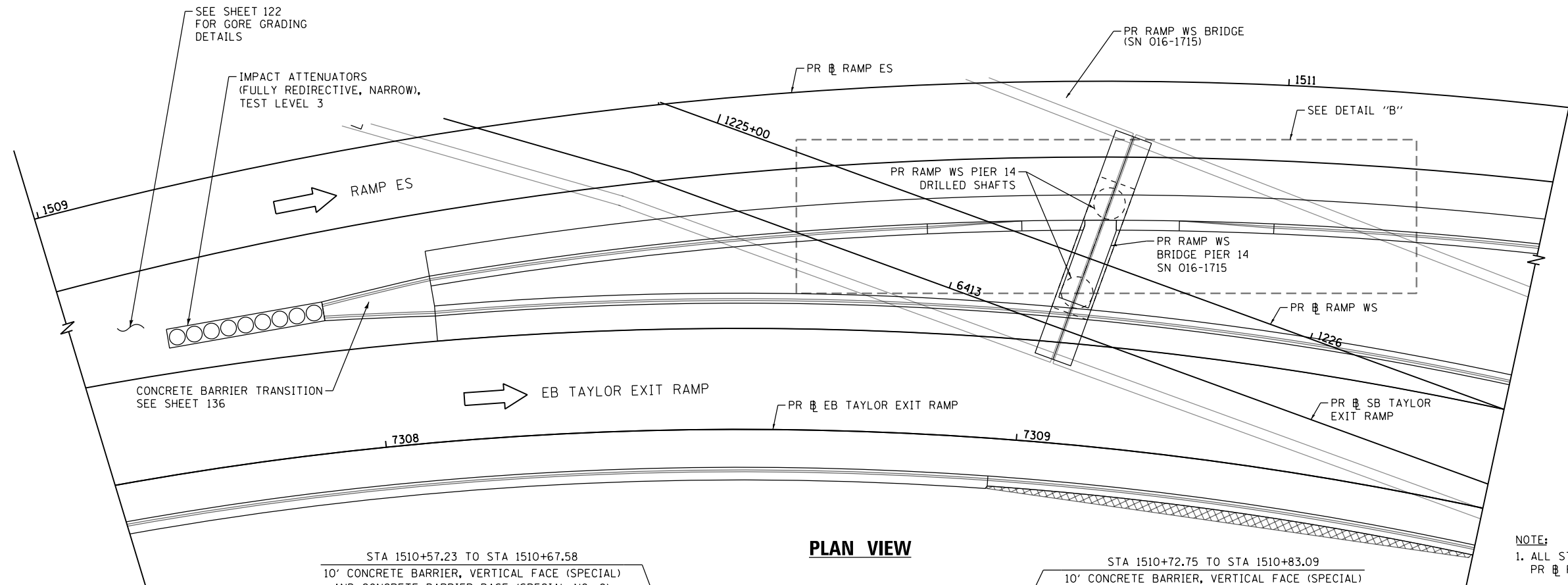
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>CONCRETE BARRIER DETAILS</b>	
<b>CONCRETE BARRIER TRANSITION AT</b>	
<b>PR RAMP WS BRIDGE PIER 13 (SN 016-1715)</b>	
SCALE: 1" = 10'	SHEET 20 OF 24 SHEETS
STA.	TO STA.

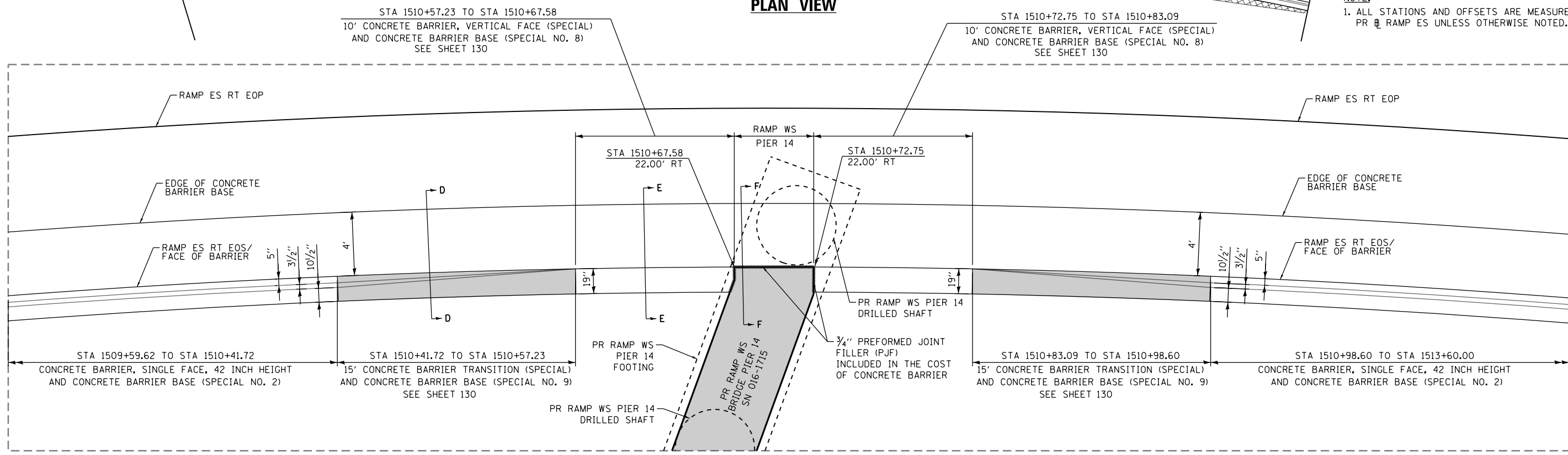
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	148
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



FILE PATH = p:\61779-PMINT\pccommon\line\local\AECOM\_D902\_NA\Documents\01\_Americas\Tr\_engepor\station\60269938\_Circle\Phase\_11\000\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-SHT-Detail-CW-01B.dgn



**NOTE:**  
1. ALL STATIONS AND OFFSETS ARE MEASURED FROM PR RAMP ES UNLESS OTHERWISE NOTED.



**DETAIL "B": PLAN VIEW**  
CONCRETE BARRIER TRANSITION AT  
PR RAMP WS BRIDGE PIER 13 (SN 016-1715)  
SCALE: NONE  
FOR DETAIL "B" ELEVATION VIEW  
AND SECTION D-D, E-E, & F-F SEE SHEET 150



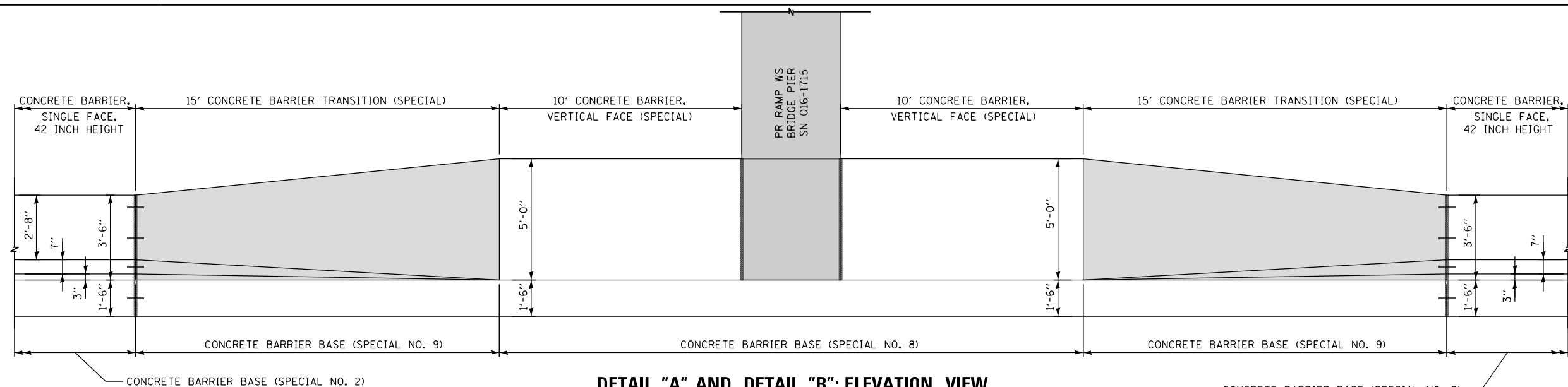
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PLOT SCALE = 20.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

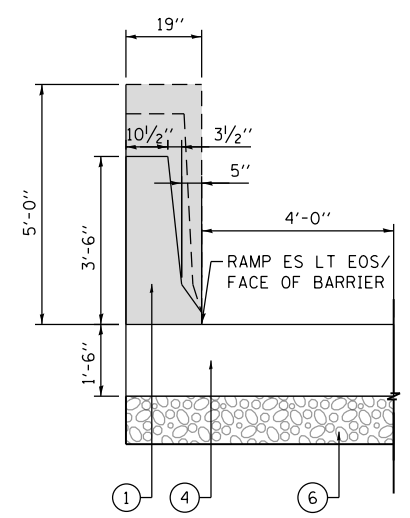
<b>CONCRETE BARRIER DETAILS</b>			
<b>CONCRETE BARRIER TRANSITION AT</b>			
<b>PR RAMP WS BRIDGE PIER 14 (SN 016-1715)</b>			
SCALE: 1" = 10'	SHEET 21 OF 24 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	149
CONTRACT NO. 60X93				

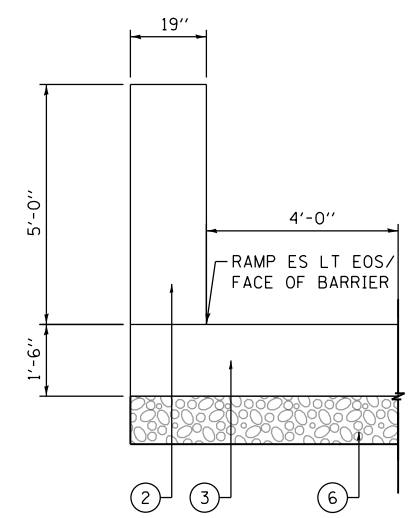
ILLINOIS FED. AID PROJECT



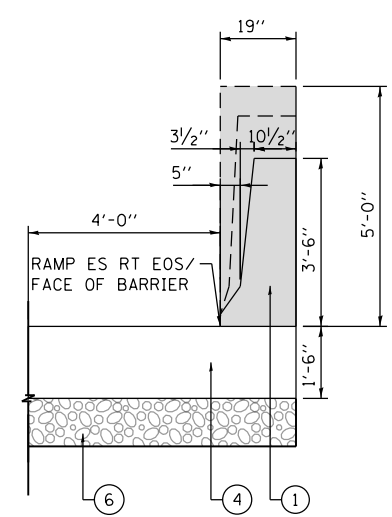
**DETAIL "A" AND DETAIL "B": ELEVATION VIEW**  
 CONCRETE BARRIER TRANSITION AT PR RAMP WS BRIDGE PIER 13 & 14 (SN 016-1715)  
 LOOKING NORTH FOR DETAIL "A"  
 LOOKING SOUTH FOR DETAIL "B"  
 SCALE: NONE



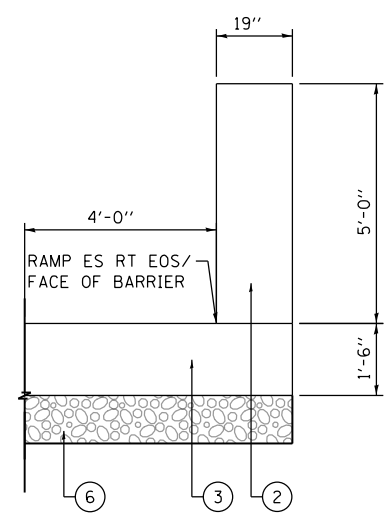
**SECTION A-A**  
 SCALE: NONE



**SECTION B-B**  
 SCALE: NONE



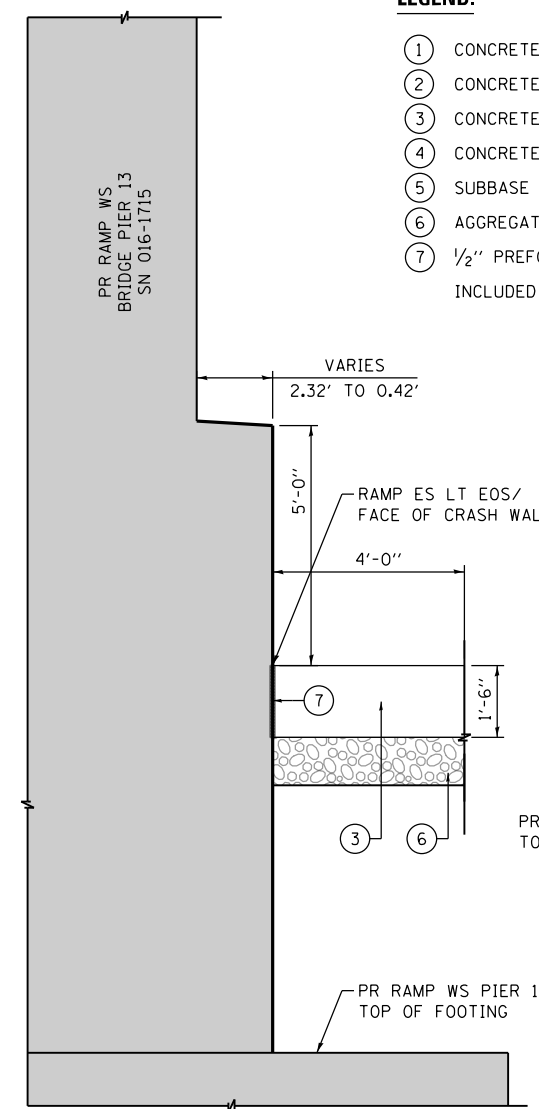
**SECTION D-D**  
 SCALE: NONE



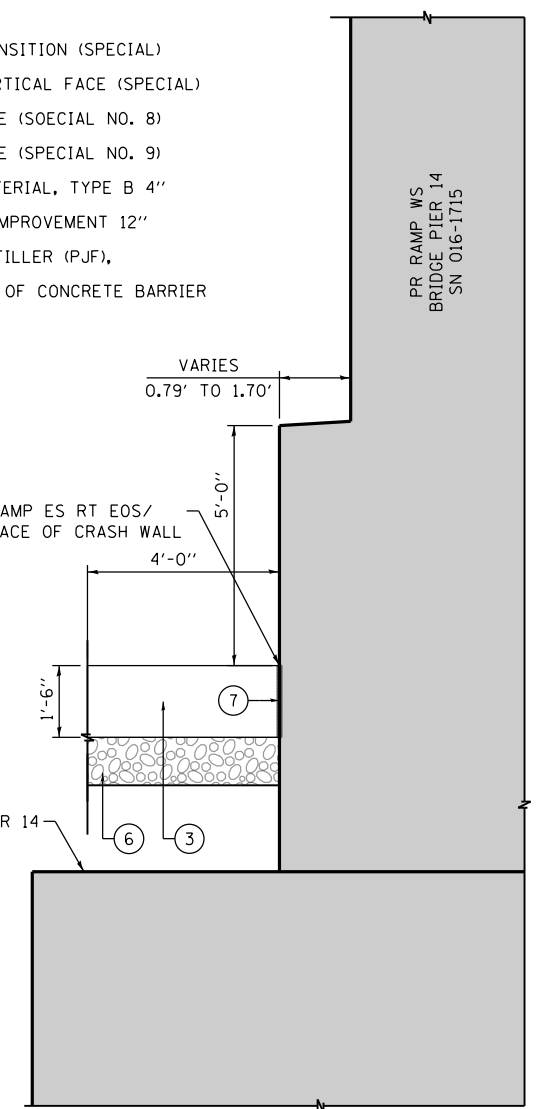
**SECTION E-E**  
 SCALE: NONE

**LEGEND:**

- ① CONCRETE BARRIER TRANSITION (SPECIAL)
- ② CONCRETE BARRIER, VERTICAL FACE (SPECIAL)
- ③ CONCRETE BARRIER BASE (SPECIAL NO. 8)
- ④ CONCRETE BARRIER BASE (SPECIAL NO. 9)
- ⑤ SUBBASE GRANULAR MATERIAL, TYPE B 4"
- ⑥ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ⑦ 1/2" PREFORMED JOINT FILLER (PJF), INCLUDED IN THE COST OF CONCRETE BARRIER



**SECTION C-C**  
 SCALE: NONE



**SECTION F-F**  
 SCALE: NONE

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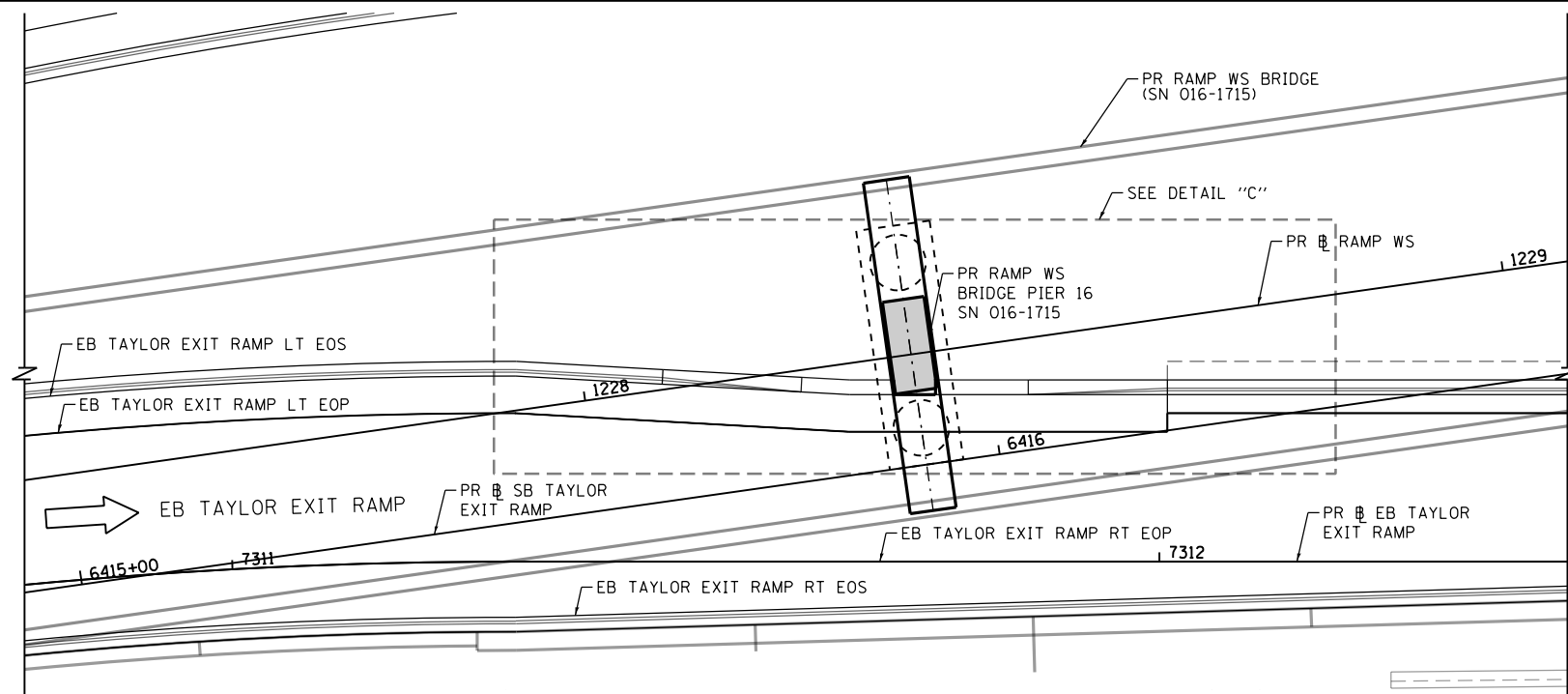
D160X93-SHT-Details-CW-02A.dgn  
 USER NAME = dshevoz  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 7/30/2018

DESIGNED - OPS	REVISED -
DRAWN - OPS	REVISED -
CHECKED - MJE	REVISED -
DATE - 7/30/2018	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

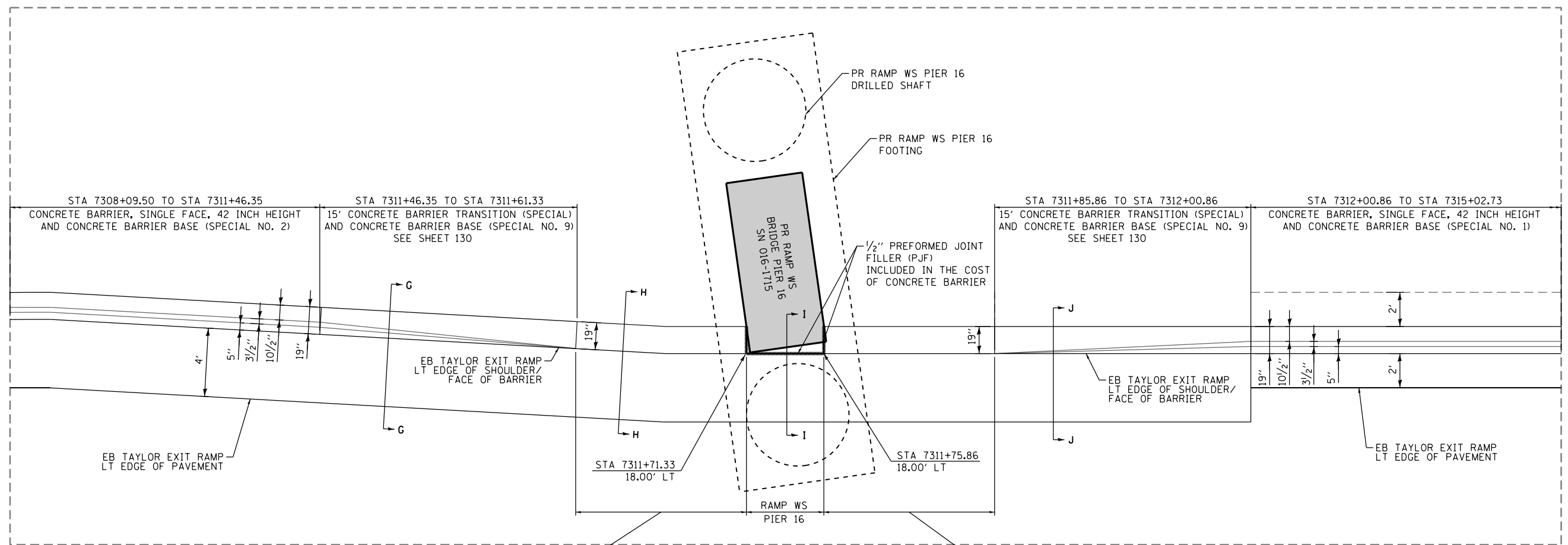
CONCRETE BARRIER DETAILS  
 CONCRETE BARRIER TRANSITION AT  
 PR RAMP WS BRIDGE PIER 13 AND 14 (SN 016-1715)  
 SCALE: 1" = 10' SHEET 22 OF 24 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	150
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



**PLAN VIEW**

NOTE:  
 1. ALL STATIONS AND OFFSETS ARE MEASURED FROM PR SB EB TAYLOR EXIT RAMP UNLESS OTHERWISE NOTED.



**DETAIL "C": PLAN VIEW**

CONCRETE BARRIER AT PR RAMP WS  
 BRIDGE PIER 16 (SN 016-1715)  
 SCALE: NONE

FOR DETAIL "C" ELEVATION VIEW  
 AND SECTIONS G-G, H-H, I-I, & J-J SEE SHEET 152

FILE PATH = p:\61779-PM\INT\ascom\line\local\AECOM\_D902\_NA\Documents\01\_Americas\Tennessee\station\60269938\_Circle\Phase\_11\000\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-SHT-Details-CW-02B.dgn



D160X93-SHT-Details-CW-02B.dgn  
 USER NAME = dshevoz  
 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = 7/30/2018

DESIGNED - OPS  
 DRAWN - ZND  
 CHECKED - MJE  
 DATE - 7/30/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

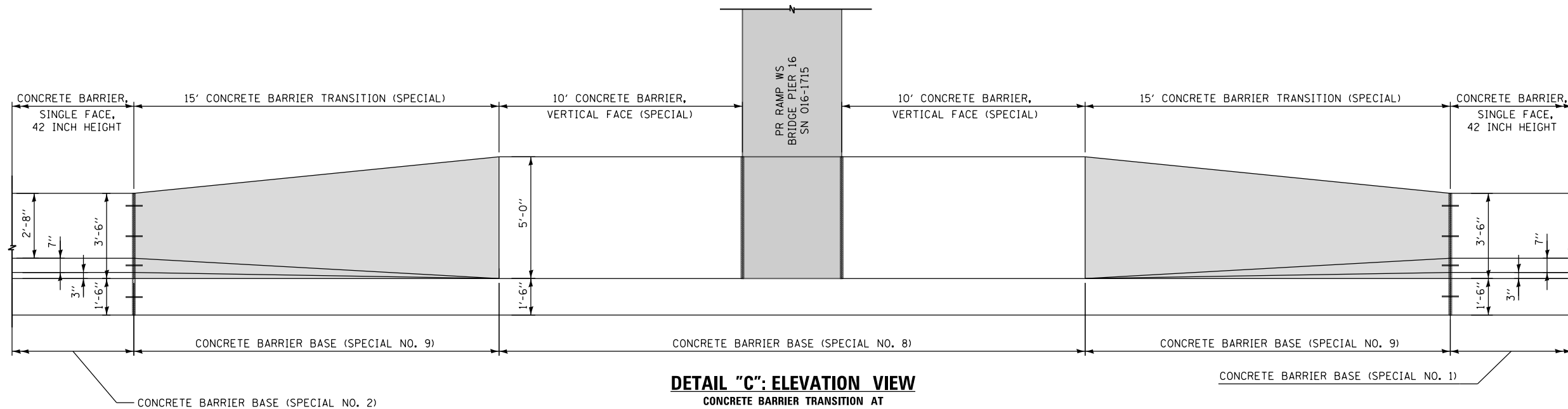
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CONCRETE BARRIER DETAILS  
 CONCRETE BARRIER TRANSITION AT  
 PR RAMP WS BRIDGE PIER 16 (SN 016-1715)

SCALE: 1" = 10' SHEET 23 OF 24 SHEETS STA. TO STA.

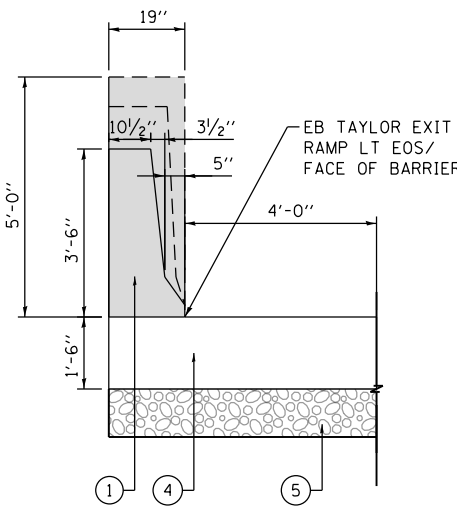
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	151
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

FILE PATH = p:\61779-PMINT\secomon\line\local\AECOM\_D502\_NA\Documents\01\_Americas\T\engor\station\60269338\_Circle\Phase\_11\000\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-SHT-Details-CW-03.dgn

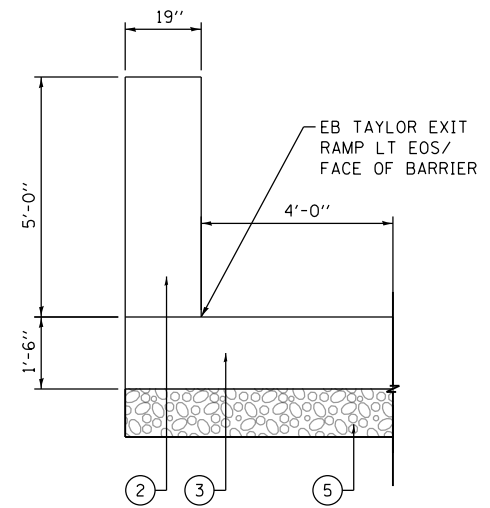


**DETAIL "C": ELEVATION VIEW**  
 CONCRETE BARRIER TRANSITION AT  
 PR RAMP WS BRIDGE PIER 16 (SN 016-1715)  
 LOOKING NORTH  
 SCALE: NONE

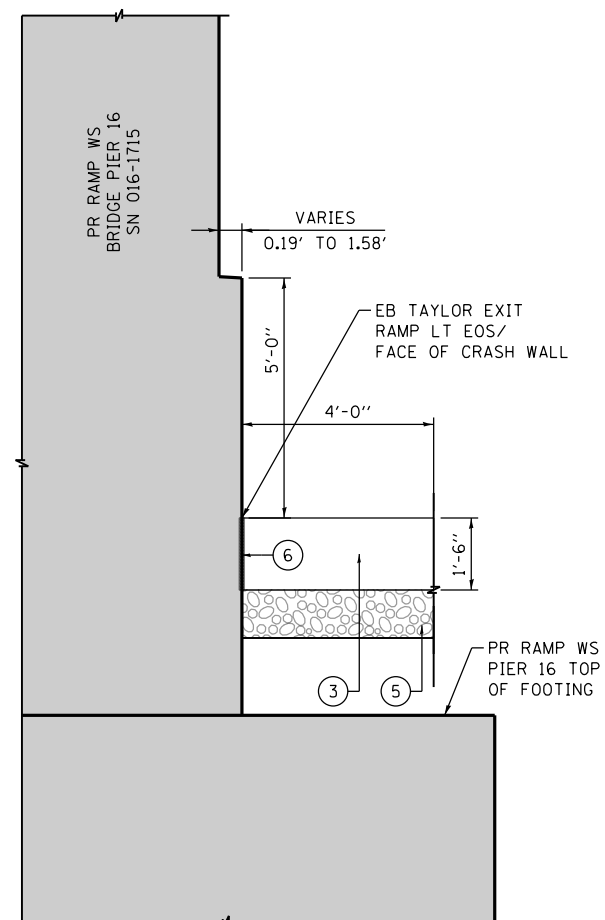
- LEGEND:**
- ① CONCRETE BARRIER TRANSITION (SPECIAL)
  - ② CONCRETE BARRIER, VERTICAL FACE (SPECIAL)
  - ③ CONCRETE BARRIER BASE (SPECIAL NO. 8)
  - ④ CONCRETE BARRIER BASE (SPECIAL NO. 9)
  - ⑤ AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ⑥ 1/2" PREFORMED JOINT FILLER (PJF), INCLUDED IN THE COST OF CONCRETE BARRIER



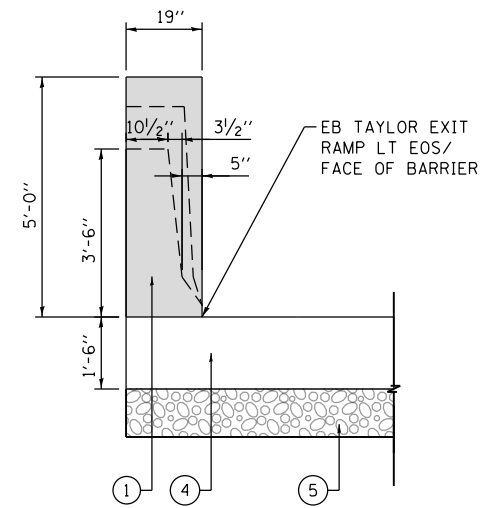
**SECTION G-G**  
 SCALE: NONE



**SECTION H-H**  
 SCALE: NONE



**SECTION I-I**  
 SCALE: NONE



**SECTION J-J**  
 SCALE: NONE



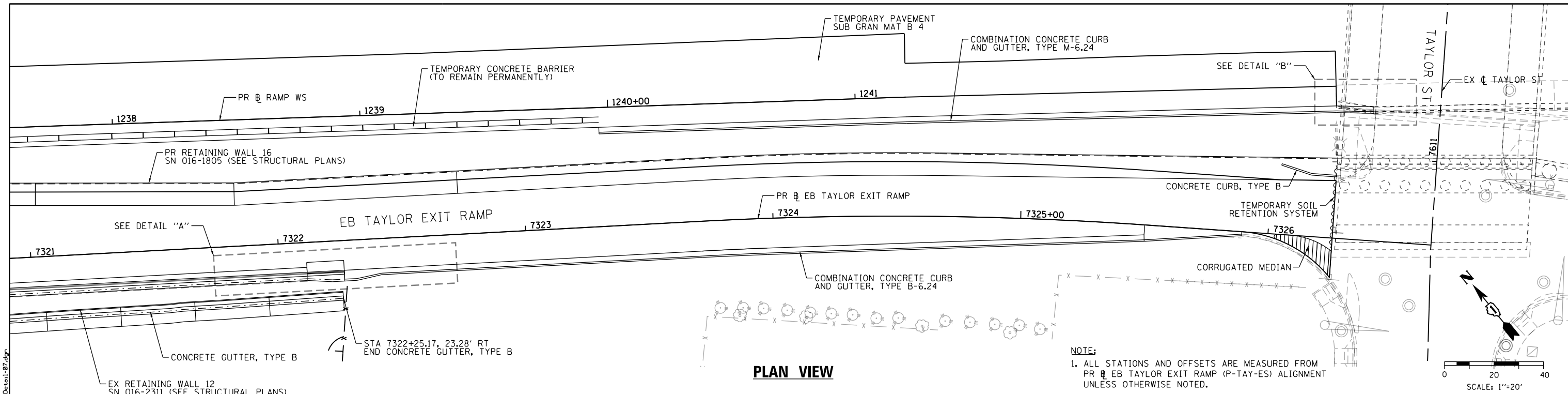
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PLOT SCALE = 20.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

CONCRETE BARRIER DETAILS			
CONCRETE BARRIER TRANSITION AT			
PR RAMP WS BRIDGE PIER 16 (SN 016-1715)			
SCALE: 1" = 10'	SHEET 24 OF 24 SHEETS	STA.	TO STA.

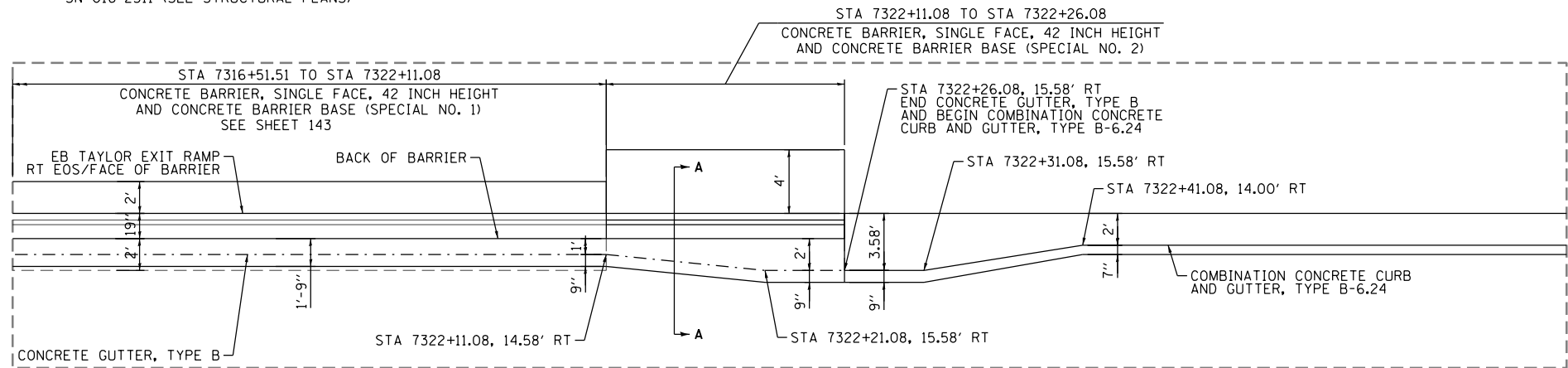
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	152
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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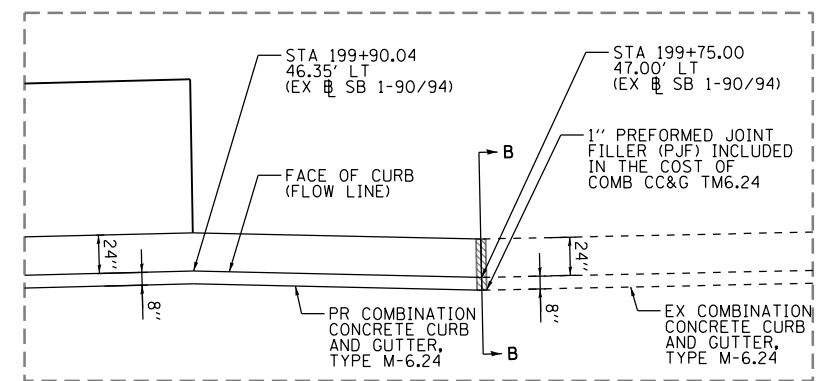
**PLAN VIEW**

**NOTE:**  
1. ALL STATIONS AND OFFSETS ARE MEASURED FROM PR EB TAYLOR EXIT RAMP (P-TAY-ES) ALIGNMENT UNLESS OTHERWISE NOTED.



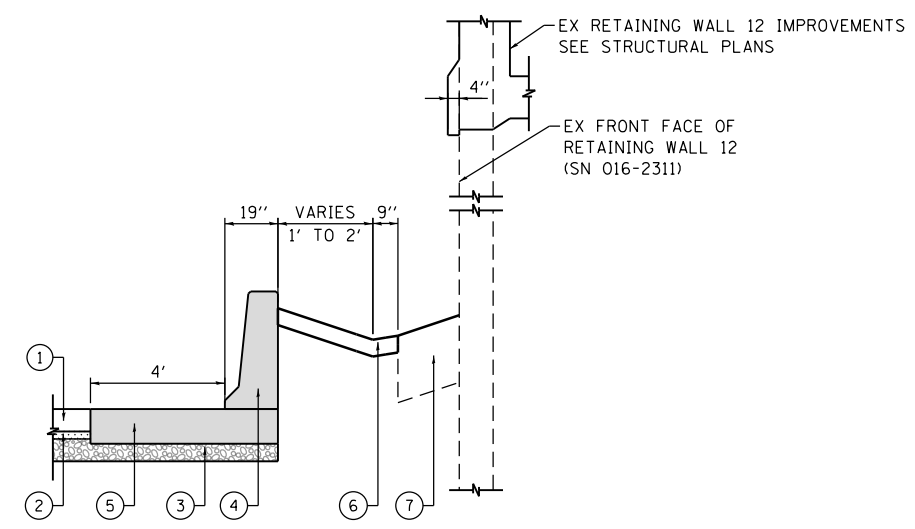
**DETAIL "A"**

SCALE: NONE



**DETAIL "B"**

SCALE: NONE

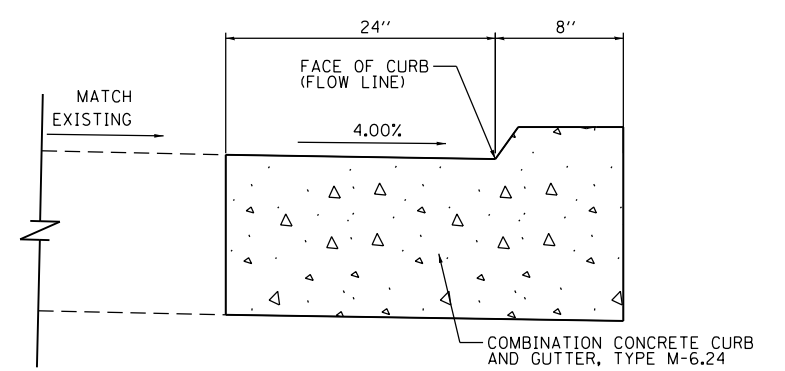


**SECTION A-A**

SCALE: NONE

**LEGEND:**

- ① PORTLAND CEMENT CONCRETE SHOULDERS 9"
- ② SUBBASE GRANULAR MATERIAL, TYPE B 4"
- ③ AGGREGATE SUBGRADE IMPROVEMENT 12"
- ④ CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
- ⑤ CONCRETE BARRIER BASE (SPECIAL NO. 2)
- ⑥ CONCRETE GUTTER, TYPE B
- ⑦ TOPSOIL FURNISH AND PLACE, 24" AND SEEDING



**SECTION B-B**

SCALE: NONE



D160X93-SHT-Details-07.dgn  
USER NAME = dshevoz  
PLOT SCALE = 40.0000' / in.  
PLOT DATE = 7/30/2018

DESIGNED - OPS  
DRAWN - ZND  
CHECKED - MJE  
DATE - 7/30/2018

REVISED -  
REVISED -  
REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**ROADWAY DETAILS - CONCRETE CURB AND GUTTER TRANSITION**

SCALE: NONE SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	153
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

EX HARRISON STREET			
POINT	STATION	NORTHING	EASTING
POT	7807+09.45	1,897,538.4543	1,171,208.5464
POT	7808+05.00	1,897,540.8363	1,171,304.0690

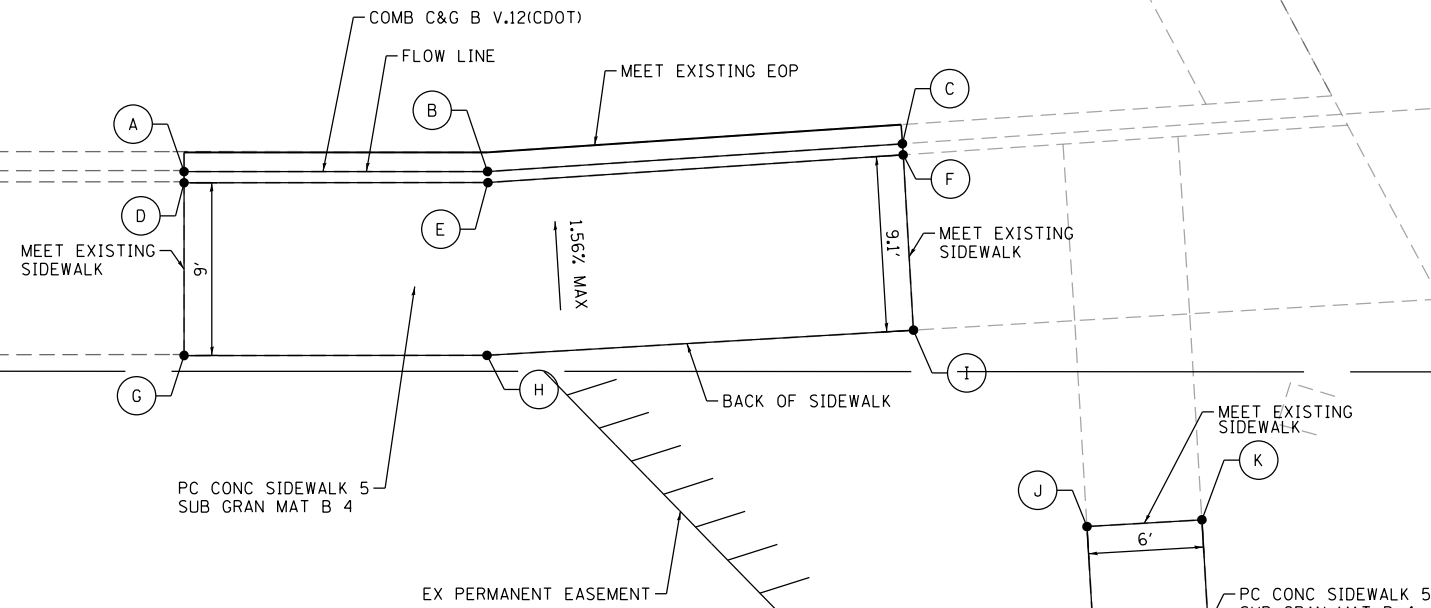
HARRISON STREET

7808

POT STA 7807+09.45

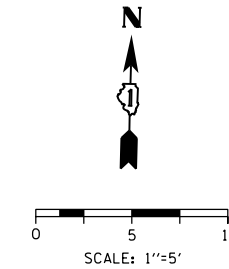
POT STA 7808+05.00

EX HARRISON ST



	STATION	OFFSET	ELEVATION	NOTES
A	7807+25.77	26.00' RT	593.87	FLOW LINE (F)
B	7807+41.59	26.00' RT	594.18	FLOW LINE (F)
C	7807+63.21	24.56' RT	594.87	FLOW LINE (F)
D	7807+25.77	26.58' RT	594.37	BACK OF CURB
E	7807+41.61	26.58' RT	594.76	BACK OF CURB
F	7807+63.25	25.15' RT	595.50	BACK OF CURB
G	7807+25.77	35.58' RT	594.51	
H	7807+41.56	35.58' RT	594.90	
I	7807+63.78	34.28' RT	595.64	
J	7807+72.82	44.52' RT	595.41	
K	7807+78.81	44.17' RT	595.52	
L	7807+74.05	65.39' RT	594.41	
M	7307+80.45	72.12' RT	594.25	

HALSTED STREET



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D160X93-SHT-Details-08.dgn  
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 DATE - 7/30/2018

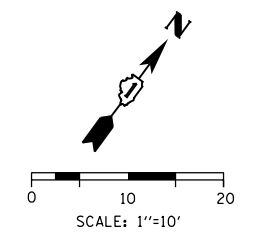
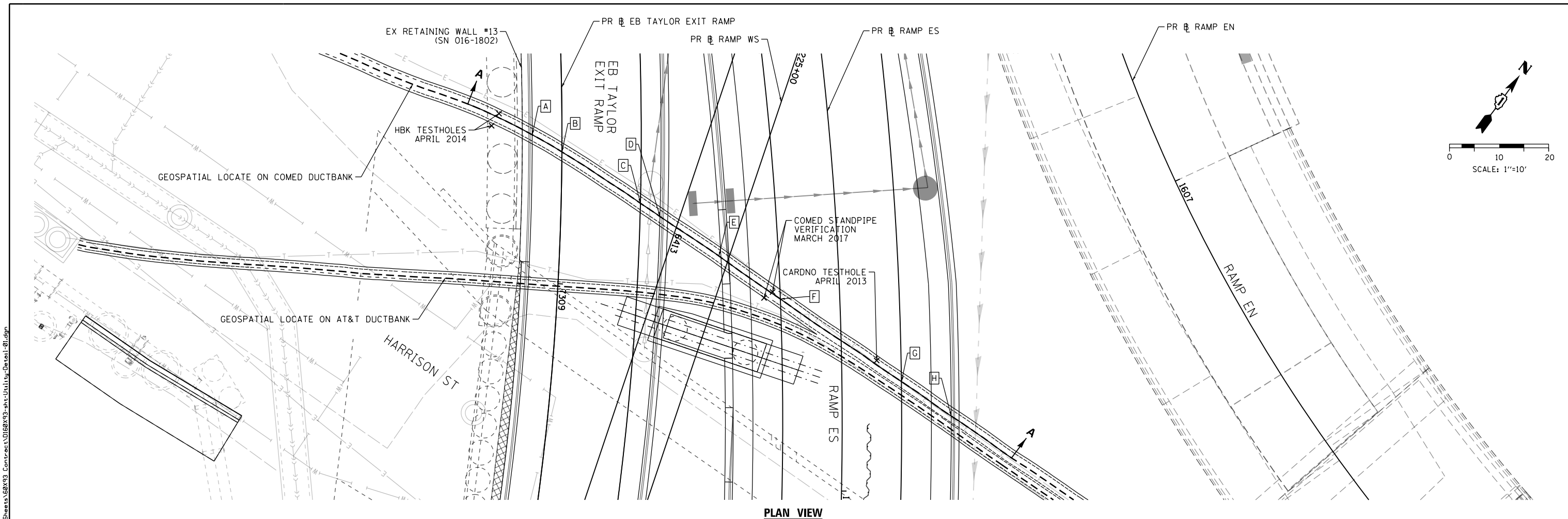
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

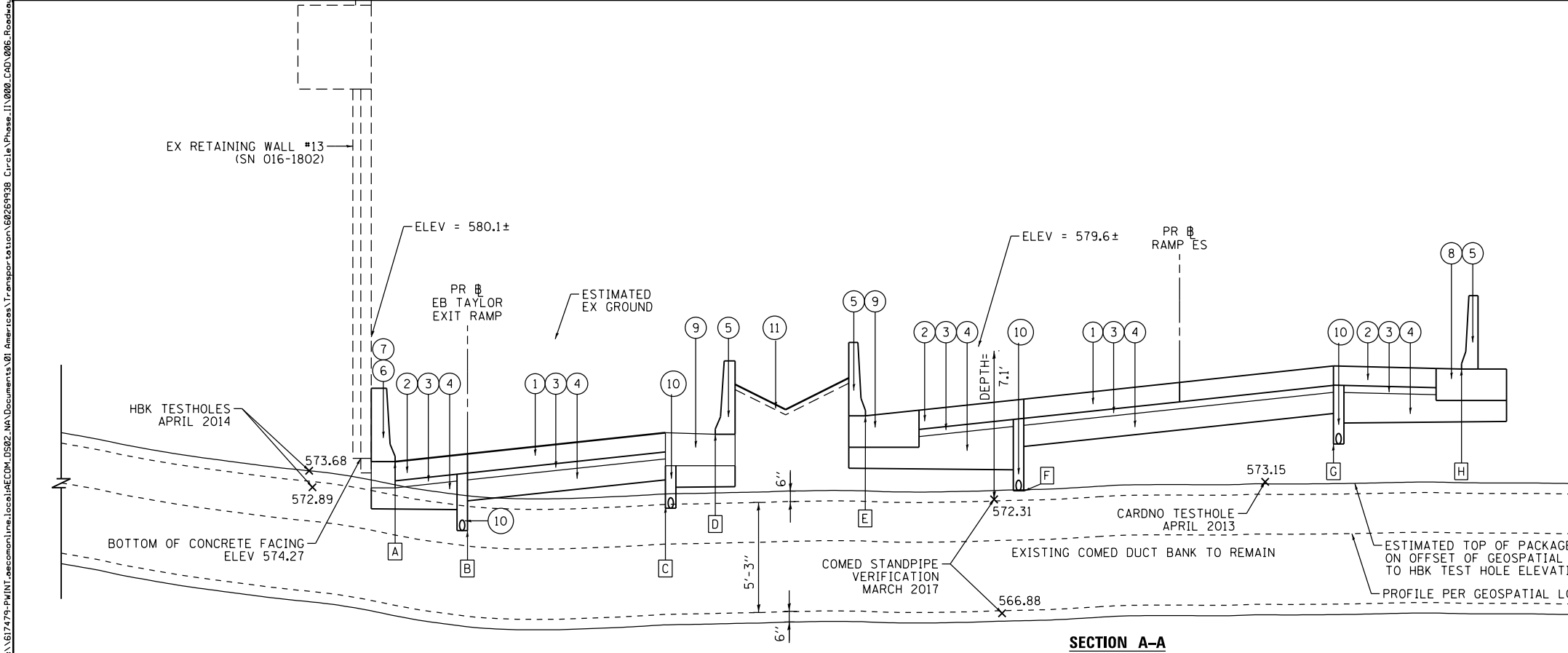
ROADWAY DETAILS: SIDEWALK GRADING AT HARRISON STREET

SCALE: 1" = 5' SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	154
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



PLAN VIEW



ELEVATION INFORMATION					
POINT	STATION (PR # EB TAYLOR EXIT RAMP)	OFFSET	PAVEMENT ELEV	ESTIMATED BOTTOM OF PAVEMENT / PIPE UNDERDRAIN ELEV *	TOP OF COMED DUCTBANK ELEV
A	7308+69.96	6.00' RT	574.11 (EOS)	571.85	573.01
B	7308+73.42	0.00'	574.49 (PGL)	570.82	572.49
C	7308+83.37	16.00' LT	575.49 (EOP)	571.89	572.57
D	7308+85.86	20.00' LT	575.42 (EOS)	572.91	572.62
E	7308+93.08	32.16' LT	576.30 (EOS)	573.79	572.72
F	7309+00.62	44.97' LT	577.10 (EOP)	572.72	572.77
G	7309+14.20	70.46' LT	578.68 (EOP)	574.95	573.06
H	7309+19.57	81.06' LT	578.53 (EOS)	576.01	573.11

\* BOTTOM OF PAVEMENT / PIPE UNDERDRAIN ELEVATION IS ESTIMATED. ELEVATION MAY CHANGE BASED ON PAVEMENT DESIGN PROVIDED BY IDOT.

- LEGEND:**
- ① PORTLAND CEMENT CONCRETE PAVEMENT
  - ② PORTLAND CEMENT CONCRETE SHOULDERS
  - ③ STABILIZED SUBBASE - HOT-MIX ASPHALT, 4"
  - ④ AGGREGATE SUBGRADE IMPROVEMENT 12"
  - ⑤ CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT
  - ⑥ CONCRETE BARRIER, VARIABLE WIDTH, 42 INCH HEIGHT (SPECIAL)
  - ⑦ CONCRETE BARRIER BASE
  - ⑧ CONCRETE BARRIER BASE (SPECIAL NO. 1)
  - ⑨ CONCRETE BARRIER BASE (SPECIAL NO. 2)
  - ⑩ PIPE UNDERDRAINS, TYPE 2, 6"
  - ⑪ TOPSOIL FURNISH AND PLACE, 4"

SECTION A-A



D160X93-sht-Utility-Detail-01.dgn	DESIGNED - ZND	REVISED -
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PLOT SCALE = 20.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

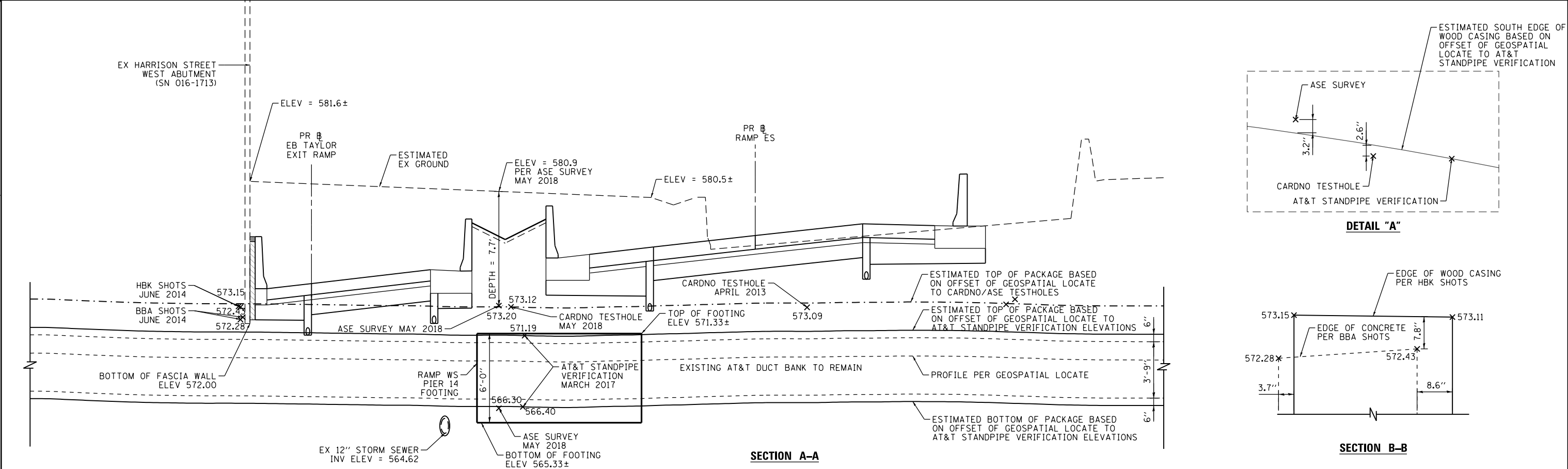
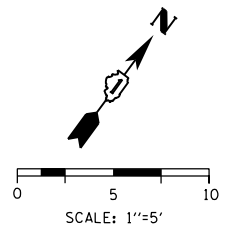
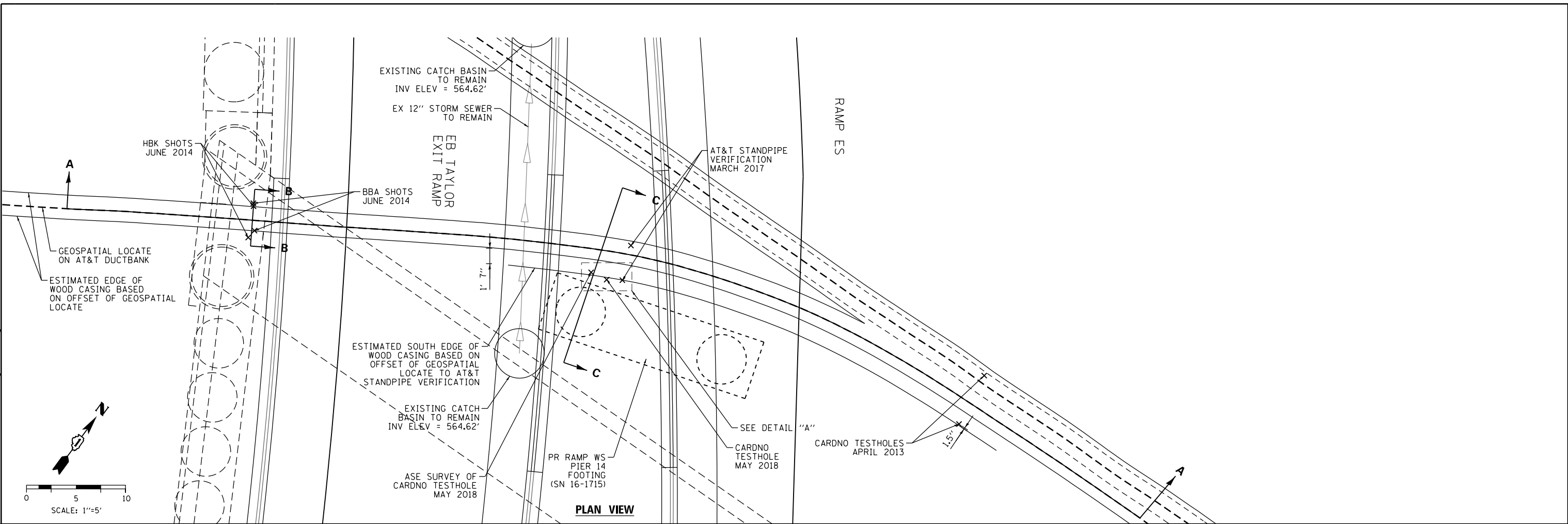
COMED DUCTBANK  
ALONG RAMP ES AND EB TAYLOR EXIT RAMP

SCALE: 1"=10' SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	155
CONTRACT NO. 60X93				

ILLINOIS FED. AID PROJECT

FILE PATH = p:\617479-PM\INT\pccom\line\local\AECOM\0592\_MIA\Documents\01\_Americas\T\engor\station\60269938\_Circle\Phase\_1\1000\_CAD\006\_Roadway\Sheets\60x93\_Contract\0160x93-sht-Utility-Detail-02.dgn



D160x93-sht-Utility-Detail-02.dgn	DESIGNED - ZND	REVISED -
USER NAME = dshevoz	DRAWN - ZND	REVISED -
PLOT SCALE = 20.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

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

**AT&T DUCTBANK**  
**ALONG RAMP ES AND EB TAYLOR EXIT RAMP**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	156
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



**TRAFFIC CONTROL GENERAL NOTES**

1. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
2. THE CONTRACTOR SHALL CONTACT THE DISTRICT OF ARTERIAL TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 AND THE EXPRESSWAYS TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK. CONTRACTOR SHALL REGISTER AN ACCOUNT AT WWW.IDOTLCS.COM AND USE WEBSITE TO REQUEST LANE CLOSURES AND COORDINATE AND STAGE CHANGES AND LANE CLOSURES.
3. UNLESS OTHERWISE NOTED IN THE SPECIAL PROVISIONS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER 28 DAYS PRIOR TO ANY ANTICIPATED CLOSURES.
4. TYPE III BARRICADES AND ROAD CLOSURE SIGNS SHALL BE POSITIONED AS SHOWN, ACCORDING TO HIGHWAY STANDARD 701901 AND AS DIRECTED BY THE ENGINEER.
5. TYPE A LOW INTENSITY FLASHING WARNING LIGHTS SHALL BE USED ON EACH SIGN IN ADVANCE OF THE WORK DURING HOURS OF DARKNESS.
6. ALL CONSTRUCTION WARNING SIGNS SHALL BE A MINIMUM OF 48" x 48" AND HAVE A BLACK LEGEND AND BORDER ON A FLUORESCENT ORANGE REFLECTORIZED BACKGROUND.
7. ALL TYPE III BARRICADES UTILIZED FOR ROAD CLOSURES SHALL INCLUDE TWO LOW INTENSITY FLASHING LIGHTS MOUNTED ON TOP OF EACH BARRICADE.
8. FOR STABILIZATION, ALL TYPE III BARRICADES SHALL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE. THE CONTRACTOR SHALL PROVIDE AND INSTALL TWO (2) WEIGHTED SANDBAGS ON EACH TYPE I OR II BARRICADE USED.
9. ALL TYPE II/III BARRICADES, DRUMS, AND VERTICAL PANELS SHALL HAVE LIGHTS PER THE LIGHTS ON BARRICADES SPECIAL PROVISION AND AS PER CURRENT IDOT STANDARDS.
10. WHERE ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
11. EXACT LOCATION OF ALL WARNING SIGNS AND BARRICADES SHALL BE STAKED IN THE FIELD FOR APPROVAL BY THE ENGINEER PRIOR TO INSTALLATION.
12. PRIOR TO START OF CONSTRUCTION ACTIVITIES, ALL REQUIRED TRAFFIC CONTROL DEVICES SHALL BE IN PLACE.
13. COOPERATION BETWEEN CONTRACTORS WILL BE REQUIRED. SEE CONTRACTOR COOPERATION SPECIAL PROVISION FOR DETAILS.
14. A MINIMUM 11' LANE WIDTH SHALL BE MAINTAINED ON ALL INTERSTATE LANES OPEN TO TRAFFIC DURING CONSTRUCTION UNLESS OTHERWISE NOTED.
15. OFFSETS BETWEEN THE EDGE OF TRAVEL LANE AND THE FACE OF TEMPORARY CONCRETE BARRIER ARE ASSUMED TO BE 1 FT UNLESS DESIGNATED OTHERWISE.
16. THE CONTRACTOR SHALL VERIFY LOCATION OF ALL BUILDING ACCESS, COORDINATE WITH BUILDING OWNERS AND LOCAL AUTHORITIES AND PROVIDE FULL ACCESS TO BUSINESSES OR PROPERTIES DURING THEIR NORMAL WORKING HOURS IN ACCORDANCE WITH ADA AND APPLICABLE CODE REQUIREMENTS. TRAFFIC CONTROL AND PROTECTION SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 701 OF THE STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.
17. THE CONTRACTOR SHALL MAINTAIN TRAFFIC ON ALL STREETS EXCEPT WHERE NOTED ON THE PLANS AND PROHIBIT PARKING WITHIN FIFTY (50) FEET OF THE CONSTRUCTION AREA AT ALL TIMES. NOTIFY CDOT AND OEMC AT LEAST 72 HOURS BEFORE COMMENCING CONSTRUCTION.
18. PROVIDE CONTINUOUS TEMPORARY ACCESS TO ALL SIDE STREETS, ALLEYS, DRIVEWAYS, AND PARKING LOTS UNLESS SPECIFICALLY IDENTIFIED ON THE PLANS FOR TEMPORARY CLOSURE. LOTS WITH MORE THAN ONE DRIVEWAY MUST BE STAGED TO KEEP AT LEAST ONE DRIVEWAY OPEN AT ALL TIMES.
19. MAINTAIN ACCESS TO FIRE HYDRANTS, BUILDING STANDPIPES AND OTHER EMERGENCY FACILITIES WITHIN THE CONSTRUCTION ZONE.
20. THE CONTRACTOR SHALL COORDINATE WORK WITH PRIVATE UTILITY COMPANIES AND THEIR CONTRACTORS FOR ADJUSTMENTS, SUPPORTS, AND RELOCATION. UTILITY WORK WILL GENERALLY BE CONDUCTED PRIOR TO ROADWAY WORK, BUT CERTAIN ITEMS MAY NEED TO PROCEED IN CONCERT WITH CONSTRUCTION OPERATIONS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONTACT AFFECTED UTILITIES AND COORDINATE WORK WITHIN THE CONSTRUCTION SCHEDULE. THE EFFORT OF WHICH WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
21. SIGN W21-1 AND W20-7 SHALL BE TAKEN DOWN OR COVERED WHEN THE WORKERS ARE NOT PRESENT.

22. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING ACCESS RESTRICTIONS TO THE SITE AS MAY REQUIRED BY THE ENGINEER. IN AREAS WHERE SILT FENCE IS NOT INSTALLED, ORANGE CONSTRUCTION FENCING MAY BE REQUIRED TO RESTRICT ACCESS TO WORK ZONES. THE ENGINEER SHALL BE THE SOLE JUDGE OF THE NEED FOR ACCESS RESTRICTIONS AND THEIR CONFIGURATION. ORANGE CONSTRUCTION FENCING (IF NECESSARY) WILL NOT BE MEASURED SEPARATELY FOR PAYMENT, BUT SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).
23. A 24" DEFLECTION AREA IS REQUIRED FROM THE BACK SIDE OF THE TEMPORARY BARRIER WALL TO ANY OBSTRUCTION OR DROP OFF IN THE WORK ZONE. IF THIS 24" DEFLECTION AREA CANNOT BE MAINTAINED, THE TEMPORARY CONCRETE BARRIER WALL SHALL BE ANCHORED TO THE PAVEMENT (EXCLUDING NEW BRIDGE DECKS) IN ACCORDANCE WITH THE IDOT SAFETY ENGINEERING POLICY MEMORANDUM 4-15. THIS WORK SHALL BE PAID FOR AS PINNING TEMPORARY CONCRETE BARRIER. THE COST OF ANCHORING TO EXISTING AND PROPOSED BRIDGE DECKS ARE INCLUDED IN THE COST OF TEMPORARY CONCRETE BARRIER. SEE STRUCTURAL PLANS FOR DETAILS OF TEMPORARY CONCRETE BARRIER ANCHOR DEVICES.
24. PER IDOT SAFETY ENGINEERING POLICY MEMORANDUM 4-15, DROP-OFF DEPTH > 4 IN AND < 12 IN IS PERMITTED FOR LESS THAN 0.5 MILE LENGTH OF DROP OFF EXPOSURE IN WORK ZONE OR LESS THAN 48 HOUR CLOSURE TIME. LENGTH AND DURATION OF DROP-OFF IN EXCESS OF THESE LIMITS SHALL REQUIRE TEMPORARY LONGITUDINAL CONCRETE BARRIER. ADJACENT WORK SPACES THAT ARE ESSENTIALLY CONTINUOUS IN DROP-OFF EXPOSURE SHOULD BE CONSIDERED AS ONE WORK ZONE.
25. ALL UPSTREAM LEADING ENDS OF TEMPORARY CONCRETE BARRIER WALL SHALL BE FLARED AT A 12:1 TAPER RATE FOR SPEEDS GREATER THAN OR EQUAL TO 45 MPH AND 8:1 TAPER FOR SPEEDS LESS THAN 45 MPH UNLESS OTHERWISE NOTED.
26. TYPE II BARRICADE OR DRUM, WITH LIGHTS PER THE LIGHTS ON BARRICADE SPECIAL PROVISION AND CURRENT IDOT STANDARDS, @ 50' C-C ON TAPERS AND RAMPS @ 100' C-C ON TANGENTS.
27. DIRECTIONAL INDICATOR BARRICADE, WITH LIGHTS PER THE LIGHTS ON BARRICADE SPECIAL PROVISION AND CURRENT IDOT STANDARDS, @ 50' C-C ON TAPERS AND RAMPS.
28. THE CONTRACTOR SHALL BE REQUIRED TO REMOVE AND REPLACE ALL REFLECTORS FROM EXISTING RAISED REFLECTIVE PAVEMENT MARKERS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLANS. THIS WORK SHALL BE PAID FOR AS RAISED REFLECTIVE PAVEMENT MARKER, REFLECTOR REMOVAL.
29. ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. SUFFICIENT QUANTITIES FOR ONE PLACEMENT AND ONE REPLACEMENT HAVE BEEN PROVIDED FOR EACH STAGE. ALL MARKINGS THAT REQUIRE REPLACEMENT AFTER THE THIRD REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.
30. ADDITIONAL ESTIMATED QUANTITIES FOR VARIOUS MAINTENANCE OF TRAFFIC ITEMS HAVE BEEN INCLUDED IN THE CONTRACT FOR THE PURPOSE OF SUPPLEMENTING MAINTENANCE OF TRAFFIC OPERATIONS AND FOR MAINTENANCE OF DETOUR ROUTES. THESE QUANTITIES ARE NOTED AS ALLOWANCES IN THE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN - SCHEDULE. USE OF THESE ADDITIONAL QUANTITIES IS AT THE DISCRETION OF THE ENGINEER.
31. THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES AND THE STANDARD SPECIFICATIONS. THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION, (SPECIAL) FOR THOSE SIGNS ALONG LOCAL STREETS AND INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) FOR THOSE SIGNS ALONG EXPRESSWAYS. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST TRAFFIC CONTROL AND PROTECTING, (SPECIAL) FOR THOSE SIGNS ALONG LOCAL STREETS AND INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) FOR THOSE SIGNS ALONG EXPRESSWAYS.
32. THE CONTRACTOR SHALL ONLY SET UP AND STORE EQUIPMENT DURING CONSTRUCTION AT THE SUGGESTED STAGING AREAS AS SHOWN IN THE PLANS OR AS APPROVED BY THE ENGINEER. THE SUGGESTED STAGING AREAS SHOWN IN THE PLANS ARE SUBJECT TO FIELD MODIFICATION AS DETERMINED BY THE ENGINEER. THE SUGGESTED STAGING AREAS MAY BE SHARED WITH OTHER ADJACENT CONTRACTS WHICH MAY BE UNDER CONSTRUCTION DURING THE DURATION OF THIS PROJECT. CONTRACTOR COOPERATION IS REQUIRED. ADDITIONALLY, UTILITIES AND UTILITY CONTRACTORS MAY PERFORM ASBESTOS ABATEMENT ON CONTRACTOR REMOVED CONDUITS WITHIN A SECURE AREA PROVIDED WITHIN THE STAGING AREAS.
33. ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM TRAFFIC AS SOON AS THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, ITS POST SHALL HAVE A REFLECTIVE 3 INCH X 6 INCH DELINEATOR INSTALLED.
34. MANHOLES WITHIN THE PROJECT STAGING LIMITS SHALL BE WELDED DOWN PRIOR TO BEGINNING ANY WORK. THIS WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION, SPECIAL.

35. AN ESTIMATED QUANTITY OF 250 TONS OF AGGREGATE FOR TEMPORARY ACCESS HAS BEEN INCLUDED IN THIS CONTRACT FOR THE PURPOSE OF MAINTAINING CONSTRUCTION POINTS OF ACCESS IN THE CIRCLE INTERCHANGE AREA AND FOR MAINTAINING ANY NECESSARY ACCESS TO PRIVATE PROPERTIES AND SIDE STREETS DURING THIS CONTRACT.

**TRAFFIC CONTROL ON BASCULE BRIDGE NOTES**

1. BASCULE BRIDGE WILL REMAIN FULLY OPERATIONAL DURING CONSTRUCTION. NO STAGING ITEMS SHALL INHIBIT BRIDGE LEAFS, SAFETY BARRIER, SAFETY GATES, SIGNALS, WARNING SIGNS OR OTHER ITEMS FROM OPERATING.
2. TYPE II BARRICADES OR DRUMS SHALL BE PLACED IN ORDER TO MINIMIZE THE DISTANCE BETWEEN THE BARRICADE/DRUM AND THE BRIDGE LEAFS.
3. FLEXIBLE DELINEATORS SHALL BE ATTACHED TO THE BRIDGE DECK UTILIZING AN EPOXY ADHESIVE. THE ADHESIVE SHALL BE APPROVED FOR USE BY THE ENGINEER PRIOR TO USE, INCLUDING DOCUMENTATION INDICATING THAT THE MATERIALS WILL NOT DAMAGE, MAR OR STAIN THE BRIDGE DECK. NO PHYSICAL CONNECTION TO THE DECK IS ALLOWED AND THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGE TO THE BRIDGE DECK.
4. THE DELINEATORS SHALL BE OFFSET FROM THE EDGE LINES A MINIMUM OF 9" AWAY FROM TRAFFIC IN ORDER TO REDUCE VEHICLE DAMAGE TO DELINEATORS.
5. THE DELINEATORS SHALL BE CHECKED DAILY TO ENSURE THAT ALL DELINEATORS ARE IN PLACE, UNDAMAGED, WITH REFLECTIVE MATERIALS FACING TRAFFIC AND ARE OTHERWISE OPERATIONAL. ANY DELINEATORS FOUND MISSING, DAMAGED OR NOT OPERATING AS INTENDED SHALL BE REPLACED IMMEDIATELY.
6. THE DELINEATORS SHALL BE CHECKED IMMEDIATELY AFTER ANY BRIDGE LIFTS TO ENSURE THAT ALL DELINEATORS ARE STILL ATTACHED. ANY DELINEATORS FOUND TO BE DAMAGED OR MISSING SHALL BE REPLACED IMMEDIATELY.
7. AT NO TIME SHALL OBJECTS BE PLACED ON THE MOVABLE PORTION OF THE BRIDGE WITHOUT BEING FULLY ADHERED TO THE BRIDGE DECK.

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL - GENERAL NOTES</b>				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE: NONE	SHEET 1	OF 1 SHEETS	STA. TO STA.	90/94/290	2014-013R&B-R	COOK	1972	157
				CONTRACT NO. 60X93				
				ILLINOIS FED. AID PROJECT				

**60X93 STAGING NARRATIVE**

DUE TO WORK PERFORMED BY OTHERS, SEQUENCING MAY REQUIRE ALTERATION AS DEFINED BY THE AVAILABLE WORK AREAS AND SEQUENCING REQUIREMENTS SPECIAL PROVISION.

**PRIOR TO STAGE 1A**

**CONSTRUCTION TO BE COMPLETED PRIOR TO STAGE 1A**

- MAKE NECESSARY PAVEMENT AND PAVEMENT MARKING IMPROVEMENTS ALONG PROPOSED DETOUR ROUTE FOR THE CLOSURE OF RAMP WS.

**STAGE 1A:**

**MAINTENANCE OF TRAFFIC ALONG MAINLINE I-90/94**

- NB I-90/94
  - o TRAFFIC MAINTAINED BY OTHERS. COORDINATE WITH CONTRACTS 60X79, 60X75, 60X99 AND 60X95 AS NECESSARY. UTILIZE LANE REDUCTIONS AND CLOSURES PER STANDARDS FOR EXISTING RAMP WS BRIDGE REMOVAL AND RAMP SE SUBSTRUCTURE CONSTRUCTION.
- SB I-90/94
  - o SOUTHBOUND TRAFFIC MAINTAINED BY OTHERS NORTH OF HARRISON STREET. SHIFT THREE 11' LANES EAST AS SHOWN ON THE STAGING PLANS. COORDINATE WITH CONTRACTS 60X79, 60X75, 60X99 AND 60X95 AS NECESSARY.
  - o UTILIZE LANE REDUCTIONS AND CLOSURES PER STANDARDS FOR EXISTING RAMP WS BRIDGE REMOVAL AND RAMP SE SUBSTRUCTURE CONSTRUCTION.

**MAINTENANCE OF TRAFFIC ALONG MAINLINE I-290/CONGRESS PARKWAY**

- EB I-290
  - o MAINTAIN LANE CONFIGURATIONS ESTABLISHED IN CONTRACTS 60X76 AND 60X75.
  - o CONTINUE 12' LANE ALONG RAMP ES AS SHOWN ON THE STAGING PLANS.
- WB I-290/CONGRESS PARKWAY
  - o MAINTAIN LANE CONFIGURATIONS ESTABLISHED IN CONTRACT 60X77.
  - o CLOSE RAMP WS AS SHOWN ON THE STAGING PLANS.
  - o MAINTAIN ONE 16' LANE TO RAMP WN AS SHOWN ON THE STAGING PLANS.
  - o CLOSE CANAL STREET ENTRANCE RAMP AS SHOWN ON THE STAGING PLANS.

**MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS**

- RAMP WS
  - o RAMP CLOSED AS IDENTIFIED IN THE STAGING PLANS. TRAFFIC DETOURED AS SHOWN ON THE DETOUR PLANS. COORDINATE SIGNAL TIMING IMPROVEMENTS, SIGNAGE AND PAVEMENT MARKING MODIFICATIONS WITH THE CITY OF CHICAGO AS REQUIRED.
- RAMP WN
  - o MAINTAIN RAMP AS SHOWN ON THE STAGING PLANS.
- RAMP ES AND EB TAYLOR EXIT RAMP
  - o MAINTAIN THE LANE CONFIGURATIONS ESTABLISHED IN CONTRACT 60X76. COORDINATION WITH CONTRACT 60X76 REQUIRED.
  - o CONTINUE THE 12' RAMP LANE ALONG RAMP ES AND WIDEN RAMP TO TWO 12' LANES AS SHOWN ON THE STAGING PLANS.
  - o MAINTAIN TRAFFIC TO EB TAYLOR EXIT RAMP
- RAMP SE
  - o MAINTAIN RAMP CLOSURE UNDER CONTRACT 60X99
- SB TAYLOR EXIT RAMP
  - o SHIFT EXIT GORE AS PART OF STAGING ALONG SB I-90/94.
  - o MAINTAIN 16' EXIT RAMP AS SHOWN ON THE PLANS.
- RAMP SW
  - o MAINTAIN RAMP STAGING UNDER CONTRACT 60X99.

**MAINTENANCE OF TRAFFIC ON LOCAL ROADS**

- HARRISON STREET
  - o AS SHOWN ON THE PLANS, PROVIDE CONSTRUCTION ACCESS WITH SIDEWALK CLOSURE AS NEEDED DURING CONSTRUCTION AT RAMP WS PIER 15, INCLUDING SIGNAGE ON HALSTED STREET. ALL SIGNS SHALL BE REMOVED OR COVERED IF ACTIVE CONSTRUCTION IS NOT TAKING PLACE AT RAMP WS PIER 15.

**CONSTRUCTION TO BE COMPLETED IN STAGE 1A**

- BEGIN REMOVAL OF EXISTING RAMP WS BRIDGE STRUCTURE.
- CONSTRUCT TEMPORARY PAVEMENT FOR SHIFT IN STAGING ALONG RAMP ES.
- BEGIN CONSTRUCTION OF RAMP WS SOUTH ABUTMENT, PIER 16 AND PIER 15.
- BEGIN CONSTRUCTION OF RAMP WS PIER 13 DRILLED SHAFTS, FOOTING AND PIER STEM. WORK SHALL BE COORDINATED WITH RETAINING WALL NO. 18 CONSTRUCTION UNDER CONTRACT 60X79.
- BEGIN CONSTRUCTION OF RAMP WS PIER 8, PIER 7 AND PIER 6.
- BEGIN CONSTRUCTION OF RAMP SE PIER 5, PIER 6 AND PIER 7.
- INSTALL THE PROPOSED LIGHTING FEED FOR CIRCUITS ZC AND ZD FROM EXISTING LIGHT TOWER 6 ZCD1 TO THE EXISTING JUNCTION BOX MOUNTED ON THE VAN BUREN STREET BRIDGE AS SHOWN ON THE LIGHTING PLANS. THE PROPOSED FEED MUST BE INSTALLED PRIOR TO REMOVING THE EXISTING FEED BETWEEN THE TOWER AND JUNCTION BOX.
- MAINTAIN EXISTING RVSD DETECTION AND AERIAL ITS CABLE INSTALLATIONS.

- MAKE REQUIRED PAVEMENT AND PAVEMENT MARKING IMPROVEMENTS ALONG PROPOSED DETOUR ROUTE FOR THE CLOSURE OF THE SB TAYLOR EXIT RAMP.

**STAGE 1B:**

**MAINTENANCE OF TRAFFIC ALONG MAINLINE I-90/94**

- NB I-90/94
  - o NORTHBOUND TRAFFIC MAINTAINED BY OTHERS SOUTH OF RAMP EN. COORDINATE WITH CONTRACT 60X79 AS NECESSARY. SHIFT THREE 11' LANES EAST FOR REMOVALS AND TEMPORARY PAVEMENT CONSTRUCTION AS SHOWN ON THE STAGING PLANS. SHIFT THREE LANES AND TAPER TO EXISTING 12' LANES NORTH OF TEMPORARY PAVEMENT CONSTRUCTION.
  - o UTILIZE LANE REDUCTIONS AND CLOSURES PER STANDARDS FOR EXISTING RAMP WS BRIDGE REMOVAL AND RAMP SE SUBSTRUCTURE CONSTRUCTION.
- SB I-90/94
  - o SOUTHBOUND TRAFFIC MAINTAINED BY OTHERS NORTH OF HARRISON STREET. SHIFT THREE 11' LANES EAST AS SHOWN ON THE STAGING PLANS FOR BRIDGE REMOVAL AND TEMPORARY PAVEMENT CONSTRUCTION. CLOSE ACCESS TO EXISTING SB TAYLOR EXIT RAMP AS SHOWN ON THE STAGING PLANS. COORDINATE WITH CONTRACT 60X79 AS NECESSARY.
  - o UTILIZE LANE REDUCTIONS AND CLOSURES PER STANDARDS FOR EXISTING RAMP WS BRIDGE REMOVAL AND RAMP SE SUBSTRUCTURE CONSTRUCTION.

**MAINTENANCE OF TRAFFIC ALONG MAINLINE I-290/CONGRESS PARKWAY**

- EB I-290
  - o MAINTAIN LANE CONFIGURATIONS ESTABLISHED IN CONTRACT 60X76.
  - o CONTINUE 12' LANE ALONG RAMP ES AS SHOWN ON THE STAGING PLANS.
- WB I-290/CONGRESS PARKWAY
  - o MAINTAIN LANE CONFIGURATIONS ESTABLISHED IN CONTRACT 60X77.
  - o MAINTAIN CLOSED RAMP WS AS SHOWN ON THE STAGING PLANS.
  - o MAINTAIN ONE 16' LANE TO RAMP WN AS SHOWN ON THE STAGING PLANS.
  - o MAINTAIN CLOSED CANAL STREET ENTRANCE RAMP.

**MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS**

- RAMP WS
  - o RAMP REMAINS CLOSED AS IDENTIFIED IN THE STAGING PLANS.
- RAMP WN
  - o MAINTAIN RAMP AS SHOWN ON THE STAGING PLANS.
- RAMP ES AND EB TAYLOR EXIT RAMP
  - o MAINTAIN THE LANE CONFIGURATIONS ESTABLISHED IN CONTRACT 60X76. COORDINATION WITH CONTRACT 60X76 REQUIRED.
  - o CONTINUE THE 12' RAMP LANE ALONG RAMP ES AND WIDEN RAMP TO TWO 12' LANES AS SHOWN ON THE STAGING PLANS.
  - o MAINTAIN TRAFFIC TO EB TAYLOR EXIT RAMP.
- RAMP SE
  - o MAINTAIN RAMP CLOSURE INSTALLED IN CONTRACT 60X99
- SB TAYLOR EXIT RAMP
  - o CLOSE RAMP AS SHOWN ON THE PLANS. TRAFFIC DETOURED AS SHOWN ON THE DETOUR PLANS. COORDINATE SIGNAL TIMING IMPROVEMENTS, SIGNAGE AND PAVEMENT MARKING MODIFICATIONS WITH THE CITY OF CHICAGO AS REQUIRED.
- RAMP SW
  - o MAINTAIN RAMP STAGING PLACED AT THE COMPLETION OF CONTRACT 60X99.

**MAINTENANCE OF TRAFFIC ON LOCAL ROADS**

- HARRISON STREET
  - o AS SHOWN ON THE PLANS, PROVIDE CONSTRUCTION ACCESS WITH SIDEWALK CLOSURE AS NEEDED DURING CONSTRUCTION AT RAMP WS PIER 15, INCLUDING SIGNAGE ON HALSTED STREET. ALL SIGNS SHALL BE REMOVED OR COVERED IF ACTIVE CONSTRUCTION IS NOT TAKING PLACE AT RAMP WS PIER 15.

**CONSTRUCTION TO BE COMPLETED IN STAGE 1B**

- COMPLETE REMOVAL OF EXISTING RAMP WS BRIDGE STRUCTURE.
- BEGIN AND COMPLETE REMOVAL OF EXISTING RAMP WS SOUTH ABUTMENT APPROACH RETAINING WALL. WORK SHALL BE COORDINATED WITH RETAINING WALL NO. 18 CONSTRUCTION UNDER CONTRACT 60X79. SEE AVAILABLE WORK AREAS AND SEQUENCING REQUIREMENTS SPECIAL PROVISION.
- CONSTRUCT TEMPORARY PAVEMENT FOR SHIFT IN STAGING ALONG RAMP ES.
- BEGIN REMOVAL OF EXISTING SB TAYLOR EXIT RAMP BRIDGE STRUCTURE AND RETAINING WALLS AS SHOWN IN STRUCTURAL PLANS.
- CONTINUE CONSTRUCTION OF RAMP WS SOUTH ABUTMENT, PIER 16 AND PIER 15.
- COMPLETE CONSTRUCTION OF RAMP WS PIER 13 DRILLED SHAFTS, FOOTING AND PIER STEM. WORK SHALL BE COORDINATED WITH RETAINING WALL NO. 18 CONSTRUCTION UNDER CONTRACT 60X79. SEE AVAILABLE WORK AREAS AND SEQUENCING REQUIREMENTS SPECIAL PROVISION.
- CONTINUE CONSTRUCTION OF RAMP WS PIER 8, PIER 7 AND PIER 6.
- CONTINUE CONSTRUCTION OF RAMP SE PIER 5, PIER 6 AND PIER 7.

**STAGE 2:**

**MAINTENANCE OF TRAFFIC ALONG MAINLINE I-90/94**

- NB I-90/94

- o NORTHBOUND TRAFFIC MAINTAINED BY OTHERS SOUTH OF RAMP EN. COORDINATE WITH CONTRACT 60X79 AS NECESSARY. SHIFT THREE 11' LANES WEST ONTO PREVIOUSLY CONSTRUCTED TEMPORARY PAVEMENT AS SHOWN ON THE STAGING PLANS. SHIFT THREE LANES AND TAPER TO EXISTING 12' LANES NORTH VAN BUREN STREET.
- o UTILIZE LANE REDUCTIONS AND CLOSURES PER STANDARDS AS NEEDED FOR RAMP WS AND RAMP SE SUBSTRUCTURE CONSTRUCTION.
- SB I-90/94
  - o SHIFT THREE 11' LANES EAST AND WEST AS SHOWN ON THE STAGING PLANS FOR STORM SEWER IMPROVEMENTS WITHIN CONTRACT 60X79. SHIFT THREE 11' LANES EAST SOUTH OF I-290 TO ACCOMMODATE RAMP ES TEMPORARY RELOCATION.
  - o UTILIZE LANE REDUCTIONS AND CLOSURES PER STANDARDS AS NEEDED FOR RAMP WS AND RAMP SE SUBSTRUCTURE CONSTRUCTION.

**MAINTENANCE OF TRAFFIC ALONG MAINLINE I-290/CONGRESS PARKWAY**

- EB I-290
  - o MAINTAIN LANE CONFIGURATIONS ESTABLISHED IN CONTRACT 60X76.
  - o CONTINUE 12' LANE ALONG RAMP ES AS SHOWN ON THE STAGING PLANS.
- WB I-290/CONGRESS PARKWAY
  - o TAPER LEFT LANE ALONG CONGRESS PARKWAY JUST WEST OF WELLS STREET TO REDUCE FROM FOUR TO THREE LANES.
  - o MAINTAIN CLOSED RAMP WS AS SHOWN ON THE STAGING PLANS.
  - o MAINTAIN ONE 16' LANE TO RAMP WN AS SHOWN ON THE STAGING PLANS.
  - o AFTER COMPLETION OF WORK AND STAGED TRAFFIC WITHIN CONTRACT 60X77, TAPER THREE WB I-290 LANES TO TWO LANES AS SHOWN ON THE STAGING PLANS WITH LANE DROP TO RAMP WN.
  - o SHIFT LANES TO THE SOUTH AND REDUCE SHOULDER WIDTHS AS SHOWN ON THE STAGING PLANS.
  - o MAINTAIN CLOSED CANAL STREET ENTRANCE RAMP.

**MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS**

- RAMP WS
  - o RAMP REMAINS CLOSED AS IDENTIFIED IN THE STAGING PLANS.
- RAMP WN
  - o MAINTAIN RAMP AS SHOWN ON THE STAGING PLANS.
- RAMP ES AND EB TAYLOR EXIT RAMP
  - o CONTINUE THE 12' RAMP LANE ALONG RAMP ES ONTO PREVIOUSLY PLACED TEMPORARY PAVEMENT. MAINTAIN 12' RAMP LANE INTO SB I-90/94.
  - o CLOSE TRAFFIC TO EB TAYLOR EXIT RAMP.
  - o COORDINATION WITH CONTRACT 60X76 REQUIRED.
- RAMP SE
  - o MAINTAIN RAMP CLOSURE INSTALLED IN CONTRACT 60X99
- SB TAYLOR EXIT RAMP
  - o RAMP CLOSED.
- RAMP SW
  - o SHIFT LANE WEST AS SHOWN ON THE STAGING PLANS FOR STORM SEWER IMPROVEMENTS WITHIN CONTRACT 60X79.

**MAINTENANCE OF TRAFFIC ON LOCAL ROADS**

- HARRISON STREET
  - o AS SHOWN ON THE PLANS, PROVIDE CONSTRUCTION ACCESS WITH SIDEWALK CLOSURE AS NEEDED DURING CONSTRUCTION AT RAMP WS PIER 15, INCLUDING SIGNAGE ON HALSTED STREET. ALL SIGNS SHALL BE REMOVED OR COVERED IF ACTIVE CONSTRUCTION IS NOT TAKING PLACE AT RAMP WS PIER 15.
- POLK STREET AND HALSTED STREET
  - o AS SHOWN ON THE PLANS, PROVIDE CLOSURE OF UIC ACCESS ROAD, INCLUDING ALL SIGNAGE ON POLK STREET AND HALSTED STREETS. MAINTAIN ACCESS FOR VEHICLES SERVING THE UIC STUDENT RECREATION FACILITY. IMPACTS TO POLK STREET AND HALSTED STREET SHALL ONLY BE UTILIZED DURING EXISTING RETAINING WALL NO. 12 IMPROVEMENTS AND ASSOCIATED RESTORATION.
- TAYLOR STREET
  - o AS SHOWN ON THE PLANS, PROVIDE SIDEWALK CLOSURE FOR RAMP AND RETAINING WALL IMPROVEMENTS.

**CONSTRUCTION TO BE COMPLETED IN STAGE 2**

- PRIOR TO THE START OF EXCAVATION FOR RETAINING WALL 47 AND RETAINING WALL 48, INSTALL THE NEW POWER FEED TO THE COMMUNICATIONS HUT AS SHOWN ON THE LIGHTING PLANS. THE EXISTING POWER FEED TO THE COMMUNICATIONS HUT MUST NOT BE REMOVED UNTIL THE NEW POWER FEED IS INSTALLED, ENERGIZED, TESTED AND APPROVED. THE NEW POWER FEED INSTALLATION MUST BE COORDINATED WITH THE STORM SEWER LINE INSTALLATION AT THE SAME LOCATION.
- PRIOR TO THE START OF EXCAVATION FOR RETAINING WALL 47 AND RETAINING WALL 48, INSTALL TEMPORARY ITS ITEMS AS SHOWN ON THE ITS SHEETS TO PROVIDE A REVISED TEMPORARY CONNECTION BETWEEN THE AERIAL FEED FROM VAN BUREN STREET TO THE COMMUNICATIONS HUT. UTILIZE PROPOSED CONDUITS SHOWN ON THE LIGHTING AND ITS PLANS.
- CONSTRUCT TEMPORARY PAVEMENT FOR SHIFT IN STAGING ALONG RAMP ES.
- COMPLETE REMOVAL EXISTING SB TAYLOR EXIT RAMP BRIDGE STRUCTURE AND RETAINING WALLS AS SHOWN IN STRUCTURAL PLANS.

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 USER NAME = PATELP2  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 7/27/2018

DESIGNED - PHP  
 DRAWN - PHP  
 CHECKED - MJE  
 DATE - 7/30/2018

REVISED -  
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 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
 NARRATIVE

SCALE: NONE SHEET 1 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	158
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



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- CONTINUE CONSTRUCTION OF TAYLOR ST. BYPASS RAMP NORTH ABUTMENT AND RETAINING WALL 47.
- CONTINUE CONSTRUCTION OF RAMP WN NORTH ABUTMENT AND RETAINING WALL 46.
- CONTINUE CONSTRUCTION OF RAMP WN PIER 2.
- CONTINUE AND COMPLETE CONSTRUCTION OF RETAINING WALL 16 AND ASSOCIATED REMOVAL OF EXISTING RETAINING WALL 11.
- CONTINUE AND COMPLETE CONSTRUCTION OF MODIFICATIONS TO EXISTING RETAINING WALL 12.
- BEGIN AND COMPLETE RAMP WS PIER 14 FOOTING AND COLUMN PRIOR TO CONSTRUCTING PAVEMENTS FOR RAMP ES AND EB TAYLOR EXIT.
- BEGIN AND COMPLETE PROPOSED PAVEMENT, BARRIER WALL, DRAINAGE, LIGHTING AND ITS IMPROVEMENTS ALONG PROPOSED EB TAYLOR EXIT BETWEEN THE RAMP ES GORE AT HALSTED STREET AND TAYLOR STREET.
- COMPLETE PROPOSED PAVEMENT, BARRIER WALL, DRAINAGE, LIGHTING AND ITS IMPROVEMENTS ALONG RAMP ES.
- CONTINUE CONSTRUCTION OF PAVEMENT, DRAINAGE, LIGHTING AND ITS IMPROVEMENTS IN SOUTH APPROACH TO RAMP SE AND SB TAYLOR ST. BYPASS.
- BEGIN DECK REMOVAL WITHIN UNIT I AND II OF THE CONGRESS VIADUCT. BEGIN BEAM REMOVAL WITHIN UNIT I OF THE CONGRESS VIADUCT. BEGIN SUBSTRUCTURE REMOVAL AND IMPROVEMENTS FOR THE CONGRESS VIADUCT. BEGIN BEARING REPLACEMENT FOR THE CONGRESS VIADUCT.
- INSTALL AND TEST EB TAYLOR EXIT, SB TAYLOR EXIT, AND RAMP WS DETECTION LOOPS VIA EXISTING CABINET D4.
- INSTALL AND TEST RAMP ES DETECTION LOOPS VIA EXISTING CABINET Z1 (CABINET RELOCATED IN 60X79).
- SALVAGE RAMP ES TEMPORARY VEHICLE DETECTION SYSTEM LOCATED ADJACENT TO HALSTED STREET BRIDGE. MAINTAIN AND ADJUST RAMP ES TEMPORARY VEHICLE DETECTION SYSTEM LOCATED AT HARRISON STREET BRIDGE IN COORDINATION WITH CONSTRUCTION STAGING.
- DISCONNECT AND SALVAGE CABINET D1.
- CONSTRUCT PROPOSED OVERHEAD SIGN STRUCTURE, INCLUDING FOUNDATIONS, NORTH OF MADISON STREET.
- EXTENSIVE COORDINATION WITH CONTRACT 60X79 IS REQUIRED.

**STAGE 5:**

MAINTENANCE OF TRAFFIC ALONG MAINLINE I-90/94

- NB I-90/94
  - o ALL NORTHBOUND TRAFFIC TO BE MAINTAINED BY OTHERS DURING THIS STAGE. COORDINATION WITH CONTRACT 60X79 REQUIRED.
- SB I-90/94
  - o MAINTAIN THREE 11' LANES WITHIN CENTER OF PAVEMENT AS SHOWN ON THE STAGING PLAN

MAINTENANCE OF TRAFFIC ALONG MAINLINE I-290/CONGRESS PARKWAY

- EB I-290
  - o CREATE LANE CONFIGURATION AS SHOWN ON THE STAGING PLANS IN COORDINATION WITH CONTRACT 60X79.
  - o TAPER SOUTH LANE AS SHOWN ON THE STAGING PLANS TO CREATE 12' LANE ALONG EB TAYLOR EXIT RAMP TO BE UTILIZED FOR RAMP EN TRAFFIC WITHIN CONTRACT 60X79.
  - o MAINTAIN TWO 12' LANES TO RAMP ES AS SHOWN ON THE STAGING PLANS.
  - o MAINTAIN TWO 11' LANES TO EB I-290 TO THE SOUTH AS SHOWN ON THE STAGING PLANS FOR PIER CONSTRUCTION ALONG THE CTA. SHIFT AND TAPER TWO EB I-290 LANES TO CONFIGURATION AT COMPLETION OF CONTRACT 60X75.
- WB I-290/CONGRESS PARKWAY
  - o MAINTAIN CONFIGURATION FROM PREVIOUS STAGE.
  - o MAINTAIN CLOSED RAMP WN AS SHOWN ON THE STAGING PLANS.
  - o MAINTAIN CLOSED RAMP WS AS SHOWN ON THE STAGING PLANS.
  - o SHIFT TWO WB I-290 LANES TO THE NORTH AS SHOWN ON THE STAGING PLANS FOR PIER CONSTRUCTION ALONG THE CTA. SHIFT AND TAPER TWO WB I-290 LANES TO EXISTING CONFIGURATION WEST OF HALSTED STREET.
  - o MAINTAIN CLOSED CANAL STREET ENTRANCE RAMP.

MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS

- RAMP WS
  - o RAMP REMAINS CLOSED AS IDENTIFIED IN THE STAGING PLANS.
- RAMP WN
  - o RAMP CLOSED AS SHOWN ON THE STAGING PLANS.
- RAMP ES AND EB TAYLOR EXIT RAMP
  - o CONTINUE THE TWO 12' RAMP LANES ALONG RAMP ES ONTO PREVIOUSLY PLACED PERMANENT AND TEMPORARY PAVEMENT AS SHOWN ON THE STAGING PLANS.
  - o EB TAYLOR EXIT RAMP OPENS TO DETOURED RAMP EN TRAFFIC WITHIN CONTRACT 60X79.
- RAMP SE
  - o MAINTAIN RAMP CLOSURE INSTALLED IN CONTRACT 60X99
- SB TAYLOR EXIT RAMP

- o RAMP CLOSED.
- RAMP SW
  - o MAINTAIN LANE WEST AS SHOWN ON THE STAGING PLANS FOR RAMP APPROACH PAVEMENT CONSTRUCTION.

MAINTENANCE OF TRAFFIC ON LOCAL ROADS

- HARRISON STREET
  - o AS SHOWN ON THE PLANS, PROVIDE CONSTRUCTION ACCESS WITH SIDEWALK CLOSURE AS NEEDED DURING CONSTRUCTION AT RAMP WS PIER 15, INCLUDING SIGNAGE ON HALSTED STREET. ALL SIGNS SHALL BE REMOVED OR COVERED IF ACTIVE CONSTRUCTION IS NOT TAKING PLACE AT RAMP WS PIER 15.
- DES PLAINES STREET
  - o AS SHOWN ON THE PLANS, REDUCE THE RIGHT LANE AND PROVIDE SIDEWALK CLOSURE. EAST AND WEST SIDEWALKS CANNOT BE CLOSED AT THE SAME TIME. COORDINATION WITH CONTRACT 60X79 IS REQUIRED.

CONSTRUCTION TO BE COMPLETED IN STAGE 5

- CONTINUE CONSTRUCTION OF RAMP WS SOUTH ABUTMENT, PIER 16, PIER 15 AND PIER 14.
- CONTINUE CONSTRUCTION OF RAMP WS RETAINING WALL 14.
- CONTINUE CONSTRUCTION OF RAMP WS PIER 9.
- BEGIN CONSTRUCTION OF RAMP WS PIER 12 AFTER CLOSURE OF RAMP EN BY CONTRACT 60X79. SEE AVAILABLE WORK AREAS AND SEQUENCING REQUIREMENTS SPECIAL PROVISION.
- CONTINUE AND COMPLETE CONSTRUCTION OF RAMP WS PIER 10 IN CONJUNCTION WITH RAMP SE PIER 1 AND SB TAYLOR ST. BYASS PIER 1.
- CONTINUE AND COMPLETE CONSTRUCTION OF RAMP WS PIER 11 IN CONJUNCTION WITH RAMP SE PIER 2.
- CONTINUE CONSTRUCTION OF RAMP WS PIER 8, PIER 7 AND PIER 6.
- CONTINUE CONSTRUCTION OF RAMP WS PIER 2 AND PIER 1.
- BEGIN CONSTRUCTION OF RAMP WS PIER 3 AFTER CLOSURE OF RAMP EN BY CONTRACT 60X79. SEE AVAILABLE WORK AREAS AND SEQUENCING REQUIREMENTS SPECIAL PROVISION.
- CONTINUE CONSTRUCTION OF RAMP SE NORTH ABUTMENT AND RETAINING WALL 48.
- CONTINUE CONSTRUCTION OF RAMP SE PIER 3, PIER 5, PIER 6 AND PIER 7.
- BEGIN CONSTRUCTION OF RAMP SE PIER 4 AFTER CLOSURE OF RAMP EN BY CONTRACT 60X79. SEE AVAILABLE WORK AREAS AND SEQUENCING REQUIREMENTS SPECIAL PROVISION.
- CONTINUE CONSTRUCTION OF TAYLOR ST. BYPASS RAMP NORTH ABUTMENT AND RETAINING WALL 47.
- CONTINUE AND COMPLETE CONSTRUCTION OF RAMP WN NORTH ABUTMENT AND RETAINING WALL 46.
- CONTINUE AND COMPLETE CONSTRUCTION OF RAMP WN PIER 2.
- BEGIN AND COMPLETE CONSTRUCTION OF RAMP WN PIER 1 AFTER CLOSURE OF RAMP EN BY CONTRACT 60X79. PIER FOOTING AND STEM MUST BE COMPLETED IN A MAXIMUM TIME PERIOD TO ALLOW RAMP PAVEMENT CONSTRUCTION WITHIN CONTRACT 60X79. SEE AVAILABLE WORK AREAS AND SEQUENCING REQUIREMENTS SPECIAL PROVISION.
- BEGIN AND COMPLETE SUPERSTRUCTURE OF RAMP WN.
- CONTINUE CONSTRUCTION OF PAVEMENT, DRAINAGE, LIGHTING AND ITS IMPROVEMENTS IN SOUTH APPROACH TO RAMP SE AND SB TAYLOR ST. BYPASS.
- COMPLETE DECK REMOVAL WITHIN UNIT I AND II OF THE CONGRESS VIADUCT. COMPLETE BEAM REMOVAL WITHIN UNIT I OF THE CONGRESS VIADUCT. COMPLETE SUBSTRUCTURE REMOVAL AND IMPROVEMENTS FOR THE CONGRESS VIADUCT. COMPLETE BEARING REPLACEMENT FOR THE CONGRESS VIADUCT. BEGIN AND COMPLETE GIRDER PLACEMENT, PROPOSED DECK AND PARAPET AND SIGNAGE IMPROVEMENTS FOR THE CONGRESS VIADUCT.
- BEGIN AND COMPLETE CONSTRUCTION OF PAVEMENT, DRAINAGE, LIGHTING AND ITS IMPROVEMENTS ALONG RAMP WN DEPARTURE IN COORDINATION WITH RAMP EN IMPROVEMENTS WITHIN CONTRACT 60X79.
- COMPLETE INSTALLATION OF CCTV CAMERA STRUCTURE ATTACHED TO CONGRESS VIADUCT PARAPET.
- COMPLETE RELOCATION OF POWER, FIBER OPTIC, AND COMMUNICATION CABLES TO PUMP STATION 5 FOLLOWING THE COMPLETION OF RAMP WN PIER C1.
- FOLLOWING THE COMPLETION OF CONDUIT EMBEDDED IN EB I-290 MEDIAN WALL, COMPLETE THE INSTALLATION OF NEW CCTV EQUIPMENT TO THE EXISTING CCTV TOWER STRUCTRE AND CONNECTION OF EB I-290 LOOPS TO CABINET Z1 (RELOCATED IN 60X79).
- EXTENSIVE COORDINATION WITH CONTRACT 60X79 IS REQUIRED.

STAGE 6:

MAINTENANCE OF TRAFFIC ALONG MAINLINE I-90/94

- NB I-90/94
  - o MAINTAIN THREE 11' LANES WITHIN CENTER OF PAVEMENT AS SHOWN ON THE STAGING PLANS IN COORDINATION WITH CONTRACT 60X79 REMOVALS.
- SB I-90/94
  - o MAINTAIN THREE 11' LANES WITHIN CENTER OF PAVEMENT AS SHOWN ON THE STAGING PLANS IN COORDINATION WITH CONTRACT 60X79 REMOVALS.
  - o TRANSITION THREE LANES WITH TWO RAMP ES LANES AS SHOWN ON THE STAGING PLANS.

MAINTENANCE OF TRAFFIC ALONG MAINLINE I-290/CONGRESS PARKWAY

- EB I-290
  - o CREATE LANE CONFIGURATION AS SHOWN ON THE STAGING PLANS IN COORDINATION WITH REMOVALS WITHIN CONTRACT 60X79.
  - o OPEN TWO SOUTH LANES TO RAMP ES FINAL CONDITION.
  - o OPEN SOUTH EXIT RAMP TO TAYLOR STREET.

- o OPEN ONE LANE EXIT TO RAMP EN
- WB I-290/CONGRESS PARKWAY
  - o AFTER CONGRESS VIADUCT IMPROVEMENTS ARE COMPLETE, RE-ESTABLISH CLOSURE OF RAMP WS AS SHOWN ON THE STAGING PLANS.
  - o OPEN ONE LANE RAMP WN.
  - o OPEN THREE LANES TO WB I-290.

MAINTENANCE OF TRAFFIC ON MAINLINE RAMPS

- RAMP WS
  - o RAMP REMAINS CLOSED AS IDENTIFIED IN THE STAGING PLANS.
- RAMP WN
  - o RAMP OPEN TO TRAFFIC AS SHOWN ON THE STAGING PLANS.
- RAMP ES AND EB TAYLOR EXIT RAMP
  - o CONTINUE THE TWO 12' RAMP LANES ALONG RAMP ES ONTO PREVIOUSLY PLACED PERMANENT AND TEMPORARY PAVEMENT TO SB I-90/94 AS SHOWN ON THE STAGING PLANS.
  - o EB TAYLOR EXIT RAMP OPEN TO TRAFFIC.
- RAMP SE
  - o MAINTAIN RAMP CLOSURE INSTALLED IN CONTRACT 60X99. OPEN TO TRAFFIC WHEN ALL PROPOSED ELEMENTS ARE COMPLETED.
- SB TAYLOR EXIT RAMP
  - o RAMP CLOSED.
- RAMP SW
  - o MAINTAIN LANE WEST AS SHOWN ON THE STAGING PLANS FOR RAMP APPROACH PAVEMENT CONSTRUCTION.

CONSTRUCTION TO BE COMPLETED IN STAGE 6

- COMPLETE ALL REMAINING RAMP WS PIERS.
- COMPLETE ALL REMAINING RAMP SE PIERS.
- COMPLETE CONSTRUCTION OF RAMP SE NORTH ABUTMENT AND RETAINING WALL 48.
- COMPLETE CONSTRUCTION OF TAYLOR ST. BYPASS RAMP NORTH ABUTMENT AND RETAINING WALL 47.
- COMPLETE CONSTRUCTION OF PAVEMENT, DRAINAGE, LIGHTING AND ITS IMPROVEMENTS IN SOUTH APPROACH TO RAMP SE AND SB TAYLOR ST. BYPASS.
- COMPLETE SUPERSTRUCTURE OF RAMP WS BRIDGE.
- COMPLETE SUPERSTRUCTURE OF RAMP SE BRIDGE.
- COMPLETE SUPERSTRUCTURE OF SB TAYLOR BYPASS BRIDGE.
- COMPLETE ALL PAVEMENT, DRAINAGE, LIGHTING AND ITS IMPROVEMENTS ALONG RAMP WS EXITS TO SB I-90/94 AND TO TAYLOR STREET.
- COMPLETE INSTALLATION OF RELOCATED FIBER OPTIC AND COMMUNICATION BACKBONE BETWEEN THE MEDIAN WALL JUNCTION BOX AT 16TH STREET AND THE HALSTED COMMUNICATION HUT FOLLOWING THE COMPLETION OF RAMP WS PARAPET.
- COORDINATION WITH CONTRACT 60X79 IS REQUIRED.



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PLOT SCALE = 100.0000' / in.	CHECKED - MJE	REVISED -
PLOT DATE = 7/30/2018	DATE - 7/30/2018	REVISED -

303 EAST WACKER DRIVE, SUITE 1400 CHICAGO, IL 60601-5276 PHONE: (312) 373-1700 FAX: (312) 373-6800	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
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SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
NARRATIVE		90/94/290	2014-013R&B-R	COOK	1972	160
SCALE: NONE		SHEET 3 OF 3 SHEETS		STA.	TO STA.	

CONTRACT NO. 60X93					
ILLINOIS FED. AID PROJECT					

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SCHEDULE**

MOT	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SUBBASE GRANULAR MATERIAL, TYPE B 8"	PROTECTIVE COAT	PAVEMENT REMOVAL	TEMPORARY PAVEMENT MARKING - LINE 6"	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, WIDE), TEST LEVEL 3	SIGN PANEL OVERLAY	BARRIER WALL REFLECTORS, TYPE C	PAVEMENT MARKING REMOVAL - WATER-BLASTING	TEMPORARY FENCE (SPECIAL)	TEMPORARY CHAIN LINK FENCE	TEMPORARY CHAIN LINK FENCE WITH SCREENING, 4'	TEMPORARY EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 6"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	PINNING TEMPORARY CONCRETE BARRIER	TEMPORARY INFORMATION SIGNING	TEMPORARY PAVEMENT		
SHEET	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	SQ FT	EACH	SQ FT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	SQ FT	SQ YD	
I-90/94 STAGE 1A - 1	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-90/94 STAGE 1A - 2	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-90/94 STAGE 1A - 3	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-90/94 STAGE 1A - 4	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-90/94 STAGE 1A - 5	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-90/94 STAGE 1A - 6	0	0	0	0	787.5	787.5	0.0	0	1	0	0	0	0	63	2252	0	0	0	0	3602	1105	0	713	203	189	0	0	0	
I-90/94 STAGE 1A - 7	0	0	0	0	1112.5	1112.5	0.0	0	1	0	0	0	0	89	2377	0	0	0	0	2477	323	0	883	133	267	0	0	0	
I-90/94 STAGE 1A - 8	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-90/94 STAGE 1A - 9	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-90/94 STAGE 1A - 10	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-90/94 STAGE 1B - 1	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-90/94 STAGE 1B - 2	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-90/94 STAGE 1B - 3	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-90/94 STAGE 1B - 4	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-90/94 STAGE 1B - 5	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-90/94 STAGE 1B - 6	0	354	354	0	87.5	87.5	0.0	0	0	0	0	0	0	7	752	0	0	0	0	0	0	0	0	0	0	21	0	354	
I-90/94 STAGE 1B - 7	579	342	921	0	475.0	237.5	237.5	0	0	0	0	0	0	38	889	0	0	0	0	423	0	0	0	0	114	0	921	0	
I-90/94 STAGE 1B - 8	0	458	458	0	412.5	412.5	0.0	0	0	0	0	0	0	33	0	0	0	0	0	0	0	0	0	0	99	0	458	0	
I-90/94 STAGE 1B - 9	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-90/94 STAGE 1B - 10	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-290 STAGE 1 - 1	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-290 STAGE 1 - 2	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-290 STAGE 1 - 3	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-290 STAGE 1 - 4	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-290 STAGE 1 - 5	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-290 STAGE 1 - 6	0	0	0	0	312.5	312.5	0.0	0	2	0	0	0	0	25	348	185	0	0	0	702	0	0	173	54	75	0	0	0	
I-290 STAGE 1 - 7	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-290 STAGE 1 - 8	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-90/94 STAGE 2 - 1	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-90/94 STAGE 2 - 2	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-90/94 STAGE 2 - 3	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-90/94 STAGE 2 - 4	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-90/94 STAGE 2 - 5	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	66	0	0	0	0	204	97	0	0	0	0	0	0	0	
I-90/94 STAGE 2 - 6	0	0	0	0	1562.5	650.0	912.5	0	0	0	0	0	0	125	1442	0	0	0	0	2967	1113	0	0	0	375	0	0	0	
I-90/94 STAGE 2 - 7	414	0	414	0	2612.5	1337.5	1275.0	0	3	0	1	0	0	209	1332	0	0	0	0	3729	722	0	269	13	627	162	414	0	
I-90/94 STAGE 2 - 8	0	0	0	0	2075.0	1700.0	375.0	0	4	0	0	0	0	166	1754	0	0	0	0	4168	716	0	0	0	498	32	0	0	
I-90/94 STAGE 2 - 9	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
I-90/94 STAGE 2 - 10	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

FILE PATH = p:\617479-PMINT\aescom\line\local\AECOM\_D592\_NA\Documents\01\_Americas\Tr\_engepor\station\60269338\_Circle\Phase\_11\000\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-sht-Staging-Schedule-01.dgn



0160X93-sht-Staging-Schedule-01.dgn  
 USER NAME = chiue  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 7/30/2018

DESIGNED - PHP  
 DRAWN - PHP  
 CHECKED - MJE  
 DATE - 7/30/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
 TRAFFIC CONTROL SCHEDULE**

SCALE: NONE SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	161
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SCHEDULE (CONTINUE)**

MOT	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SUBBASE GRANULAR MATERIAL, TYPE B 8"	PROTECTIVE COAT	PAVEMENT REMOVAL	TEMPORARY PAVEMENT MARKING - LINE 6"	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, WIDE), TEST LEVEL 3	SIGN PANEL OVERLAY	BARRIER WALL REFLECTORS, TYPE C	PAVEMENT MARKING REMOVAL - WATER-BLASTING	TEMPORARY FENCE (SPECIAL)	TEMPORARY CHAIN LINK FENCE	TEMPORARY CHAIN LINK FENCE WITH SCREENING, 4'	TEMPORARY EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 6"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	PINNING TEMPORARY CONCRETE BARRIER	TEMPORARY INFORMATION SIGNING	TEMPORARY PAVEMENT	
SHEET	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	SQ FT	EACH	SQ FT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	SQ FT	SQ YD
I-290 STAGE 2 - 1	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-290 STAGE 2 - 2	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-290 STAGE 2 - 3	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-290 STAGE 2 - 4	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-290 STAGE 2 - 5	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-290 STAGE 2 - 6	122	0	122	0	1875.0	937.5	937.5	0	2	0	1	0	0	150	752	0	0	0	0	2106	104	0	0	0	0	450	0	122
I-290 STAGE 2 - 7	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	151	0	0	0	0	1451	0	0	0	0	0	0	0	0
I-290 STAGE 2 - 8	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	276	0	0	0	0	794	0	0	0	0	0	0	0	0
I-90/94 STAGE 3 - 1	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 3 - 2	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 3 - 3	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 3 - 4	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 3 - 5	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	123	0	0	0	0	184	46	0	0	0	0	0	0	0
I-90/94 STAGE 3 - 6	0	0	0	0	862.5	812.5	50.0	0	0	0	1	0	0	69	756	0	0	0	0	1548	372	0	671	98	207	0	0	0
I-90/94 STAGE 3 - 7	0	0	0	579	2862.5	250.0	2612.5	0	0	0	1	0	0	229	886	0	0	0	0	3316	277	0	0	0	687	0	0	0
I-90/94 STAGE 3 - 8	0	0	0	0	700.0	0.0	700.0	0	0	0	0	0	0	56	503	0	0	0	0	1147	287	0	0	0	168	0	0	0
I-90/94 STAGE 3 - 9	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 3 - 10	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-290 STAGE 3 - 1	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-290 STAGE 3 - 2	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-290 STAGE 3 - 3	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	853	0	0	0	0	1763	661	0	97	0	0	32	0	0
I-290 STAGE 3 - 4	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	9	0	323	0	0	0	0	0	0	0	1200	0	0	0	0	0
I-290 STAGE 3 - 5	0	0	0	0	150.0	125.0	25.0	0	1	0	0	0	15	12	1516	0	0	0	0	651	42	0	2141	132	36	0	0	0
I-290 STAGE 3 - 6	0	0	0	0	1475.0	175.0	1300.0	0	0	0	2	0	0	118	3216	0	0	0	0	5240	553	0	1294	116	354	0	0	0
I-290 STAGE 3 - 7	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	9	0	2550	0	0	0	0	680	363	0	2556	546	0	0	0	0
I-290 STAGE 3 - 8	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	114	0	1187	0	0	0	0	1799	199	226	848	43	0	0	0	0
I-90/94 STAGE 4 - 1	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 4 - 2	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 4 - 3	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 4 - 4	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 4 - 5	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 4 - 6	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 4 - 7	0	0	0	414	487.5	0.0	487.5	0	0	0	0	0	0	39	318	0	0	0	0	1321	68	0	0	0	117	0	0	0
I-90/94 STAGE 4 - 8	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 4 - 9	0	0	0	0	275.0	0.0	275.0	0	2	0	0	0	58	22	0	0	0	0	0	0	0	0	0	0	66	0	0	0
I-90/94 STAGE 4 - 10	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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0160X93-sht-Staging-Schedule-02.dgn  
 USER NAME = chiue  
 PLOT SCALE = 100.0000' / 1" =  
 PLOT DATE = 7/30/2018

DESIGNED - PHP  
 DRAWN - PHP  
 CHECKED - MJE  
 DATE - 7/30/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
 TRAFFIC CONTROL SCHEDULE**

SCALE: NONE SHEET 2 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	162
<b>CONTRACT NO. 60X93</b>				
ILLINOIS FED. AID PROJECT				

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SCHEDULE (CONTINUE)**

MOT	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SUBBASE GRANULAR MATERIAL, TYPE B 8"	PROTECTIVE COAT	PAVEMENT REMOVAL	TEMPORARY PAVEMENT MARKING - LINE 6"	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, RELOCATE (SEVERE USE, WIDE), TEST LEVEL 3	SIGN PANEL OVERLAY	BARRIER WALL REFLECTORS, TYPE C	PAVEMENT MARKING REMOVAL - WATER BLASTING	TEMPORARY FENCE (SPECIAL)	TEMPORARY CHAIN LINK FENCE	TEMPORARY CHAIN LINK FENCE WITH SCREENING, 4'	TEMPORARY EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 6"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	PINNING TEMPORARY CONCRETE BARRIER	TEMPORARY INFORMATION SIGNING	TEMPORARY PAVEMENT	
SHEET	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	SQ FT	EACH	SQ FT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	SQ FT	SQ YD
I-290 STAGE 4 - 1	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-290 STAGE 4 - 2	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-290 STAGE 4 - 3	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-290 STAGE 4 - 4	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-290 STAGE 4 - 5	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	244	0	0	0	0	0	0	0	0	0	0	0	0	0
I-290 STAGE 4 - 6	0	0	0	122	775.0	300.0	475.0	0	0	0	1	0	0	62	391	0	0	0	0	924	0	0	0	0	186	0	0	0
I-290 STAGE 4 - 7	0	0	0	0	1050.0	525.0	525.0	0	1	0	0	1	0	30	84	2134	0	0	0	979	0	0	0	0	252	0	0	0
I-290 STAGE 4 - 8	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	30	0	855	0	0	0	219	0	225	1306	125	0	0	0	0
I-90/94 STAGE 5 - 1	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 5 - 2	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 5 - 3	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 5 - 4	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 5 - 5	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 5 - 6	0	0	0	0	1037.5	0.0	1037.5	0	0	0	0	0	0	83	0	0	0	0	0	1957	0	0	0	0	249	0	0	0
I-90/94 STAGE 5 - 7	0	0	0	0	1762.5	0.0	1762.5	0	1	0	2	0	0	141	1372	0	0	0	0	5012	877	0	0	423	0	0	0	0
I-90/94 STAGE 5 - 8	0	0	0	0	212.5	0.0	212.5	0	0	0	0	0	0	17	926	0	0	0	0	1394	496	0	0	51	0	0	0	0
I-90/94 STAGE 5 - 9	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 5 - 10	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-290 STAGE 5 - 1	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-290 STAGE 5 - 2	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-290 STAGE 5 - 3	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	895	0	0	0	0	1859	710	0	0	0	0	0	0	0
I-290 STAGE 5 - 4	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	400	0	0	0	0	1199	300	0	0	0	0	0	0	0
I-290 STAGE 5 - 5	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	1480	0	0	0	0	1204	416	0	1206	125	0	0	0	0
I-290 STAGE 5 - 6	0	0	0	0	175.0	0.0	175.0	0	0	0	2	0	0	14	571	0	0	0	0	953	116	0	801	177	42	0	0	0
I-290 STAGE 5 - 7	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-290 STAGE 5 - 8	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 6 - 1	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 6 - 2	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 6 - 3	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 6 - 4	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 6 - 5	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	255	0	0	0	0	203	143	0	0	0	0	0	0	0
I-90/94 STAGE 6 - 6	0	0	0	354	637.5	0.0	637.5	0	0	0	1	0	0	51	4802	0	0	0	0	3967	1469	0	131	6	153	0	0	0
I-90/94 STAGE 6 - 7	0	0	0	0	337.5	0.0	337.5	0	0	0	2	0	0	27	5251	0	0	0	0	5528	694	0	596	210	81	0	0	0
I-90/94 STAGE 6 - 8	0	0	0	0	325.0	0.0	325.0	0	0	0	1	0	0	26	5735	0	0	0	0	2493	5	0	1967	564	78	0	0	0
I-90/94 STAGE 6 - 9	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-90/94 STAGE 6 - 10	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

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D160X93-sht-Staging-Schedule-03.dgn  
 USER NAME = chiue  
 PLOT SCALE = 100.0000' / 1" /  
 PLOT DATE = 7/30/2018

DESIGNED - PHP  
 DRAWN - PHP  
 CHECKED - MJE  
 DATE - 7/30/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
 TRAFFIC CONTROL SCHEDULE**

SCALE: NONE SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	162A
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL SCHEDULE (CONTINUE)**

MOT	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SUBBASE GRANULAR MATERIAL, TYPE B 8"	PROTECTIVE COAT	PAVEMENT REMOVAL	TEMPORARY PAVEMENT MARKING - LINE 6"	TEMPORARY CONCRETE BARRIER	RELOCATE TEMPORARY CONCRETE BARRIER	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	IMPACT ATTENUATORS, TEMPORARY (SEVERE USE, WIDE), TEST LEVEL 3	SIGN PANEL OVERLAY	BARRIER WALL REFLECTORS, TYPE C	PAVEMENT MARKING REMOVAL - WATER BLASTING	TEMPORARY FENCE (SPECIAL)	TEMPORARY CHAIN LINK FENCE	TEMPORARY CHAIN LINK FENCE WITH SCREENING, 4'	TEMPORARY EPOXY PAVEMENT MARKING - LETTERS AND SYMBOLS	TEMPORARY EPOXY PAVEMENT MARKING - LINE 4"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 5"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 6"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 8"	TEMPORARY EPOXY PAVEMENT MARKING - LINE 12"	PINNING TEMPORARY CONCRETE BARRIER	TEMPORARY INFORMATION SIGNING	TEMPORARY PAVEMENT	
SHEET	SQ YD	SQ YD	SQ YD	SQ YD	FOOT	FOOT	FOOT	EACH	EACH	EACH	EACH	EACH	SQ FT	EACH	SQ FT	FOOT	FOOT	FOOT	SQ FT	FOOT	FOOT	FOOT	FOOT	FOOT	FOOT	EACH	SQ FT	SQ YD
I-290 STAGE 6 - 1	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-290 STAGE 6 - 2	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
I-290 STAGE 6 - 3	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	915	0	0	0	0	0	0	0	0	0	0	0	0	0
I-290 STAGE 6 - 4	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	636	0	0	0	0	0	335	0	0	0	0	0	0	0
I-290 STAGE 6 - 5	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	2977	0	0	0	0	0	1467	122	0	1232	25	0	0	0
I-290 STAGE 6 - 6	0	0	0	0	687.5	0.0	687.5	0	0	0	1	1	0	55	7910	0	0	0	0	5491	956	0	2457	314	165	0	0	0
I-290 STAGE 6 - 7	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	2599	0	0	0	108	1451	372	0	1345	0	0	0	0	0
I-290 STAGE 6 - 8	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	48	0	2810	0	0	0	36	795	562	0	762	15	0	0	0	0
UIC ACCESS 1 - 1	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	0	0
UIC ACCESS 1 - 2	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	90	0	0	0	0	0	0	0	0	16	0	0
DESPLAINES 1 - 1	0	0	0	0	125.0	125.0	0.0	2	0	0	0	0	0	10	117	0	0	125	0	350	0	0	0	0	30	0	0	0
DESPLAINES 2 - 1	0	0	0	0	112.5	0.0	112.5	1	0	1	0	0	0	9	0	0	0	113	0	0	0	0	0	0	27	0	0	0
TAYLOR	0	0	0	0	12.5	12.5	0.0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3	0	0	0
HALSTED HARRISON	0	0	0	0	0.0	0.0	0.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	0	0
TOTAL	1115	1154	2269	1469	25375	9900	15475	3	18	1	17	1	465	2030	67904	185	90	238	144	78333	14304	451	22947	2899	6090	270	2269	
ALLOWANCE	167	173	340	220	3812.5	1487.5	2325	1	3	1	3	1	70	305	10186	150	14	36	22	11750	2146	68	3442	435	914	41	340	
TOTALS WITH ALLOWANCE	1282	1327	2609	1689	29187.5	11387.5	17800	4	21	2	20	2	535	2335	78090	335	104	274	166	90083	16450	519	26389	3334	7004	311	2609	

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 CHECKED - MJE  
 DATE - 7/30/2018

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

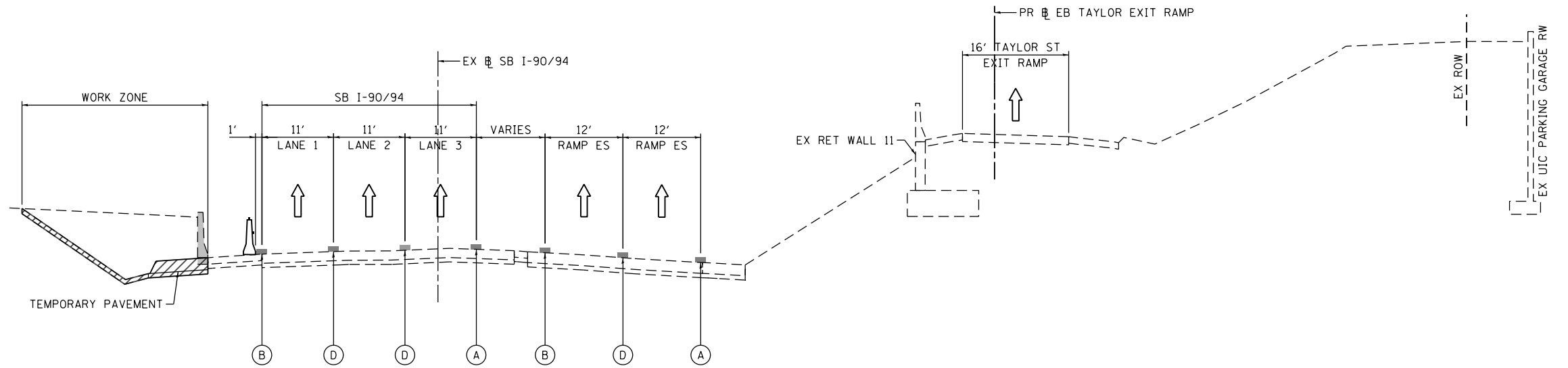
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
 TRAFFIC CONTROL SCHEDULE**

SCALE: NONE SHEET 4 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	1628
CONTRACT NO. 60X93			ILLINOIS FED. AID PROJECT	

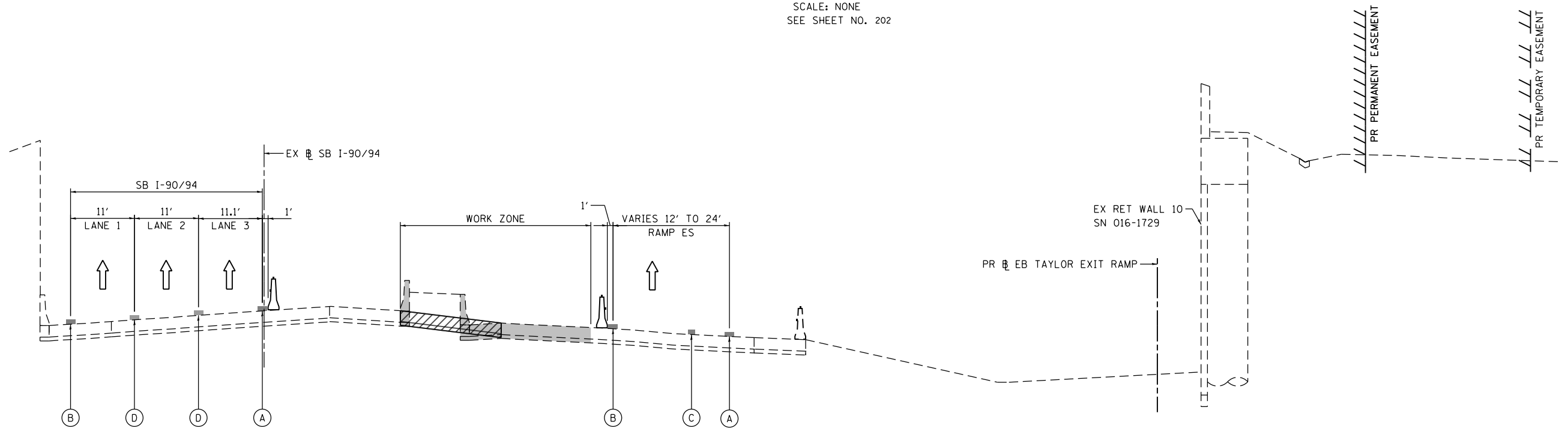


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**1 - I-90/94 STAGE 1A TYPICAL SECTION  
(LOOKING SOUTH)**

SCALE: NONE  
SEE SHEET NO. 202



**2 - I-90/94 STAGE 1A TYPICAL SECTION  
(LOOKING SOUTH)**

SCALE: NONE  
SEE SHEET NO. 203

- REMOVAL LIMITS
- WORK ZONE
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHT
- TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C (2 EACH @ 25' SPACINGS PER STANDARD T04001)
- FROM PREVIOUS STAGE TO REMAIN

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)



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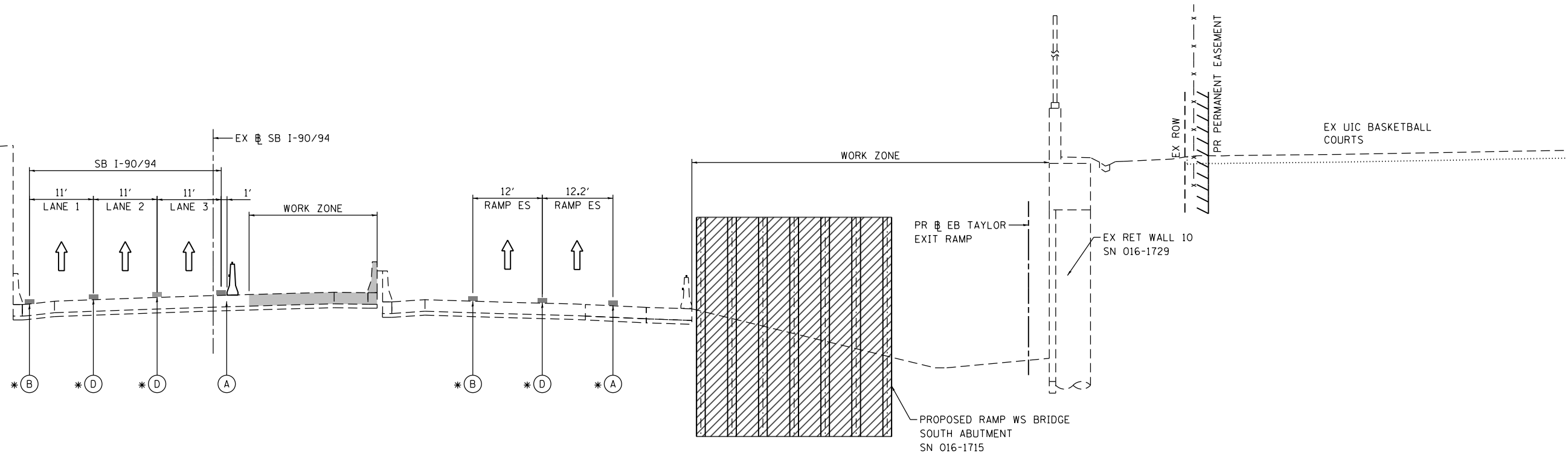
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DATE - 7/30/2018	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
TYPICAL SECTIONS I-90/94 MAINLINE STAGE 1A			
SCALE: NONE	SHEET 1 OF 15 SHEETS	STA. TO STA.	

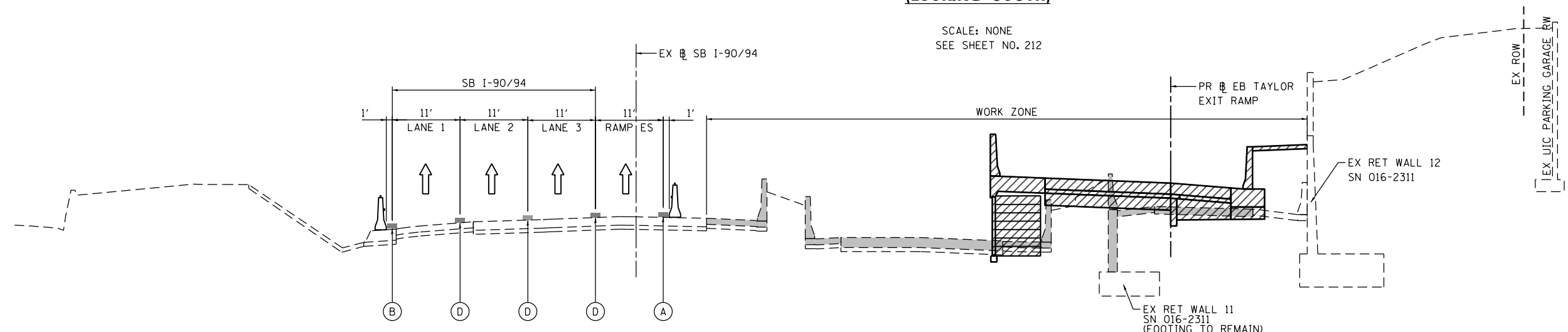
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ILLINOIS FED. AID PROJECT				

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**3 - I-90/94 STAGE 1B TYPICAL SECTION (LOOKING SOUTH)**

SCALE: NONE  
SEE SHEET NO. 212



**4 - I-90/94 STAGE 2 TYPICAL SECTION (LOOKING SOUTH)**

SCALE: NONE  
SEE SHEET NO. 230

- REMOVAL LIMITS
- WORK ZONE
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHT
- TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C (2 EACH @ 25' SPACINGS PER STANDARD T04001)
- FROM PREVIOUS STAGE TO REMAIN

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)



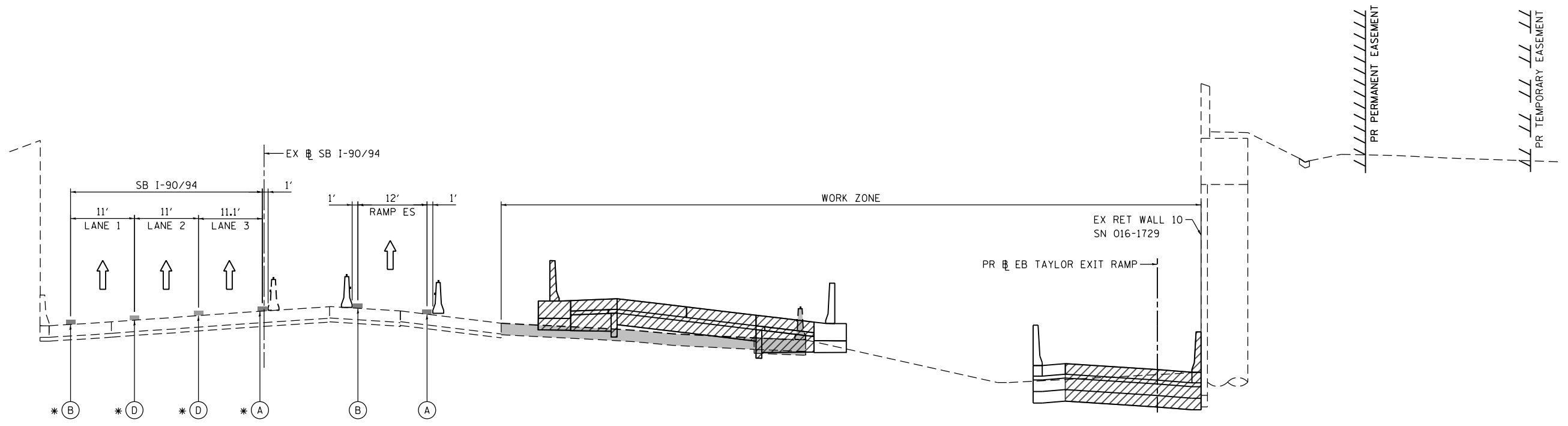
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
TYPICAL SECTIONS I-90/94 MAINLINE STAGES 1B & 2			
SCALE: NONE	SHEET 2 OF 15 SHEETS	STA. TO STA.	

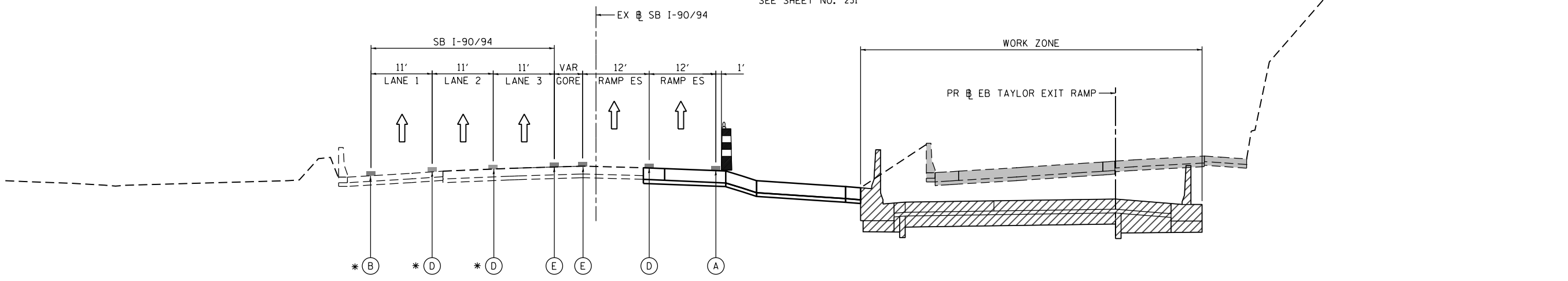
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90/94/290	2014-013R&B-R	COOK	1972	164
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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**5 - I-90/94 STAGE 2 TYPICAL SECTION  
(LOOKING SOUTH)**

SCALE: NONE  
SEE SHEET NO. 231



**6 - I-90/94 STAGE 3 TYPICAL SECTION  
(LOOKING SOUTH)**

SCALE: NONE  
SEE SHEET NO. 248

-  REMOVAL LIMITS
-  WORK ZONE
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHT
-  TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C (2 EACH @ 25' SPACINGS PER STANDARD T04001)
-  FROM PREVIOUS STAGE TO REMAIN

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)



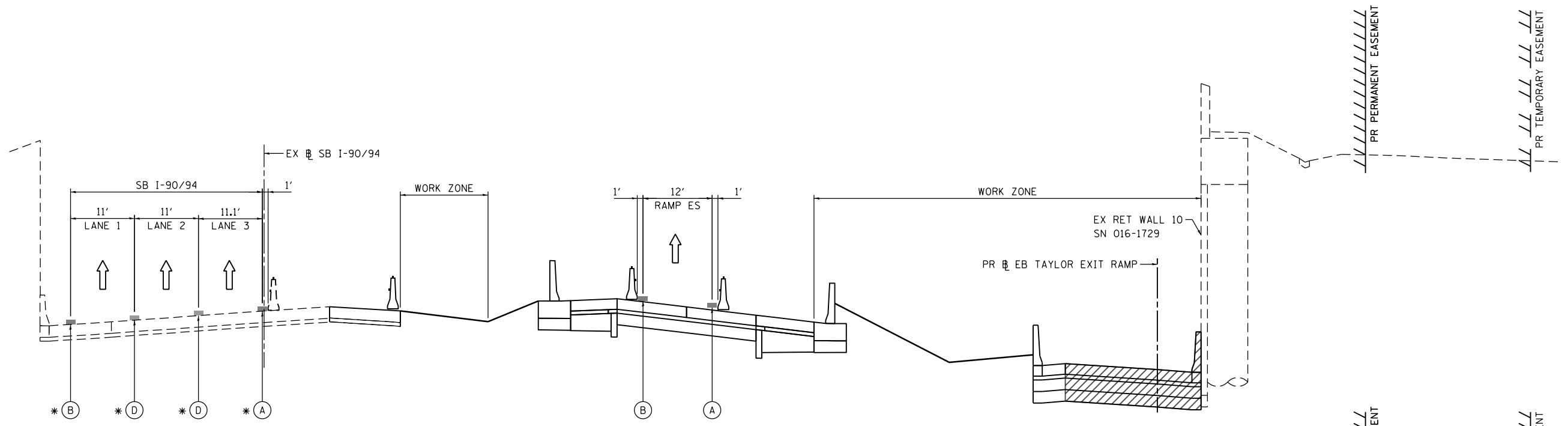
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
TYPICAL SECTIONS I-90/94 MAINLINE STAGES 2 & 3			
SCALE: NONE	SHEET 3 OF 15 SHEETS	STA. TO STA.	

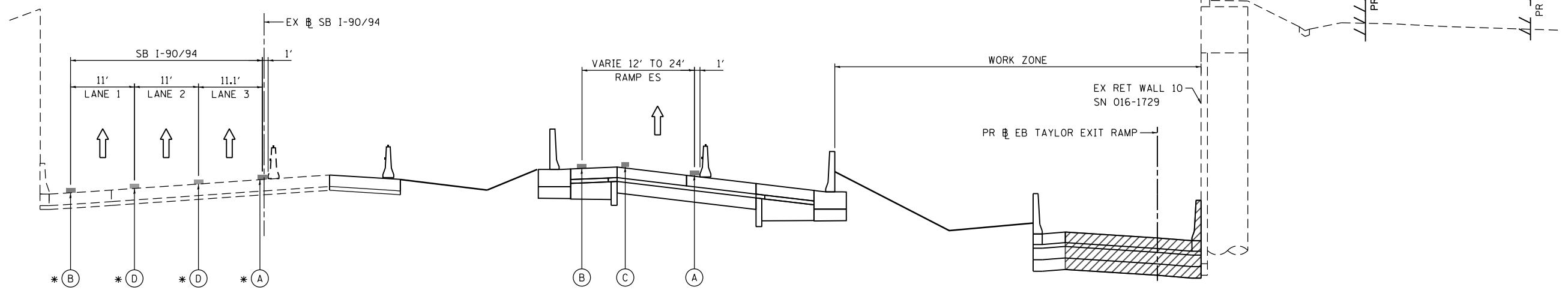
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CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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


**7 - I-90/94 STAGE 3 TYPICAL SECTION (LOOKING SOUTH)**

SCALE: NONE  
SEE SHEET NO. 249



**8 - I-90/94 STAGE 4 TYPICAL SECTION (LOOKING SOUTH)**

SCALE: NONE  
SEE SHEET NO. 267

-  REMOVAL LIMITS
-  WORK ZONE
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHT
-  TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C (2 EACH @ 25' SPACINGS PER STANDARD T04001)
-  FROM PREVIOUS STAGE TO REMAIN

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)



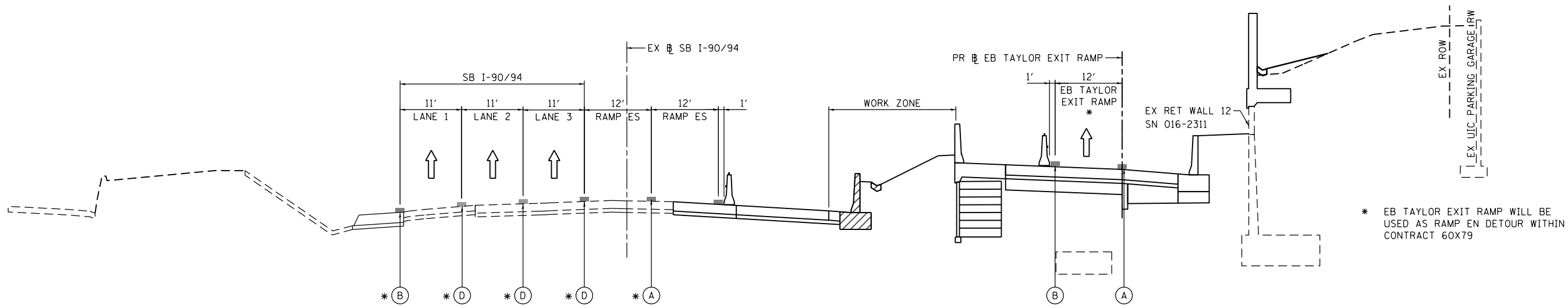
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
TYPICAL SECTIONS I-90/94 MAINLINE STAGES 3 & 4			
SCALE: NONE	SHEET 4 OF 15 SHEETS	STA. TO STA.	

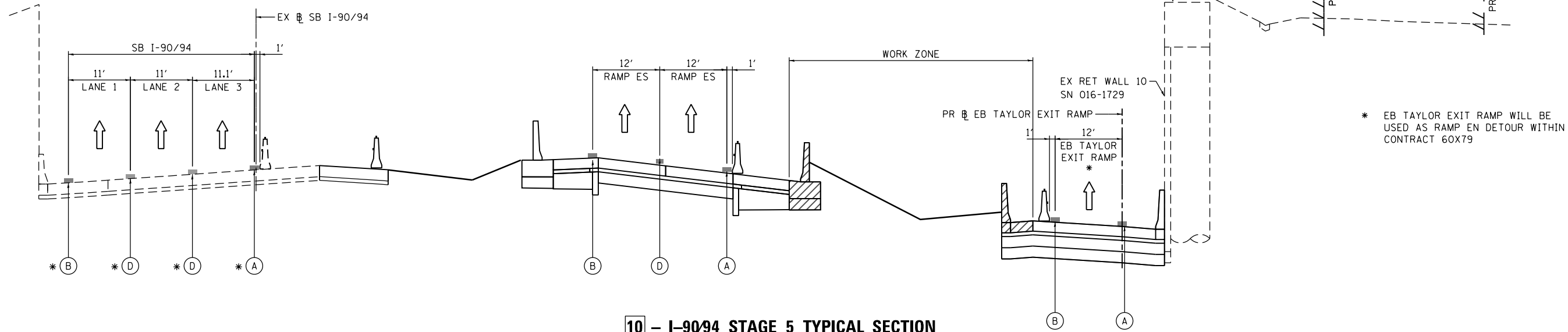
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CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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**9 - I-90/94 STAGE 5 TYPICAL SECTION (LOOKING SOUTH)**

SCALE: NONE  
SEE SHEET NO. 284



**10 - I-90/94 STAGE 5 TYPICAL SECTION (LOOKING SOUTH)**

SCALE: NONE  
SEE SHEET NO. 285

- REMOVAL LIMITS
- WORK ZONE
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHT
- TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C (2 EACH @ 25' SPACINGS PER STANDARD T04001)
- FROM PREVIOUS STAGE TO REMAIN

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)



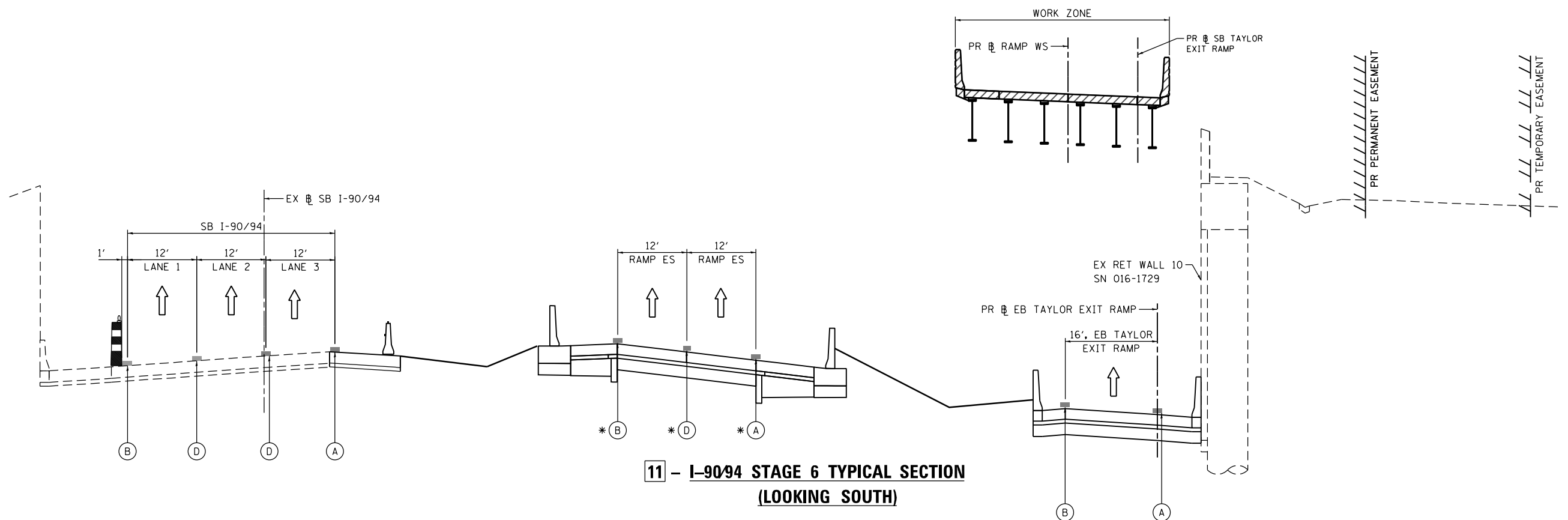
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
TYPICAL SECTIONS I-90/94 MAINLINE STAGE 5			
SCALE: NONE	SHEET 5 OF 15 SHEETS	STA. TO STA.	






F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	167
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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**11 - I-90/94 STAGE 6 TYPICAL SECTION (LOOKING SOUTH)**

SCALE: NONE  
SEE SHEET NO. 303

-  REMOVAL LIMITS
-  WORK ZONE
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHT
-  TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C (2 EACH @ 25' SPACINGS PER STANDARD 704001)
-  FROM PREVIOUS STAGE TO REMAIN

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)

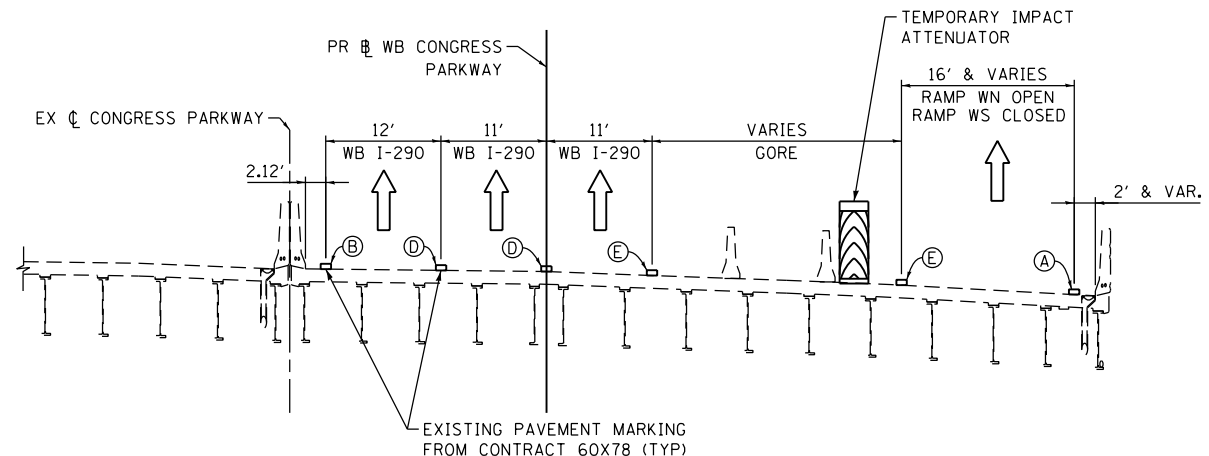


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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

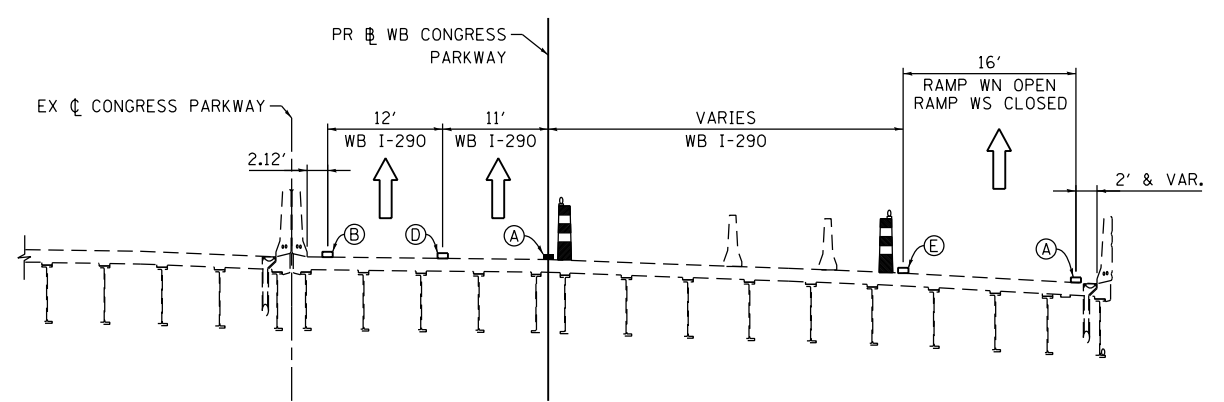
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TYPICAL SECTIONS I-90/94 MAINLINE STAGE 6			
SCALE: NONE	SHEET 6 OF 15 SHEETS	STA. TO STA.	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



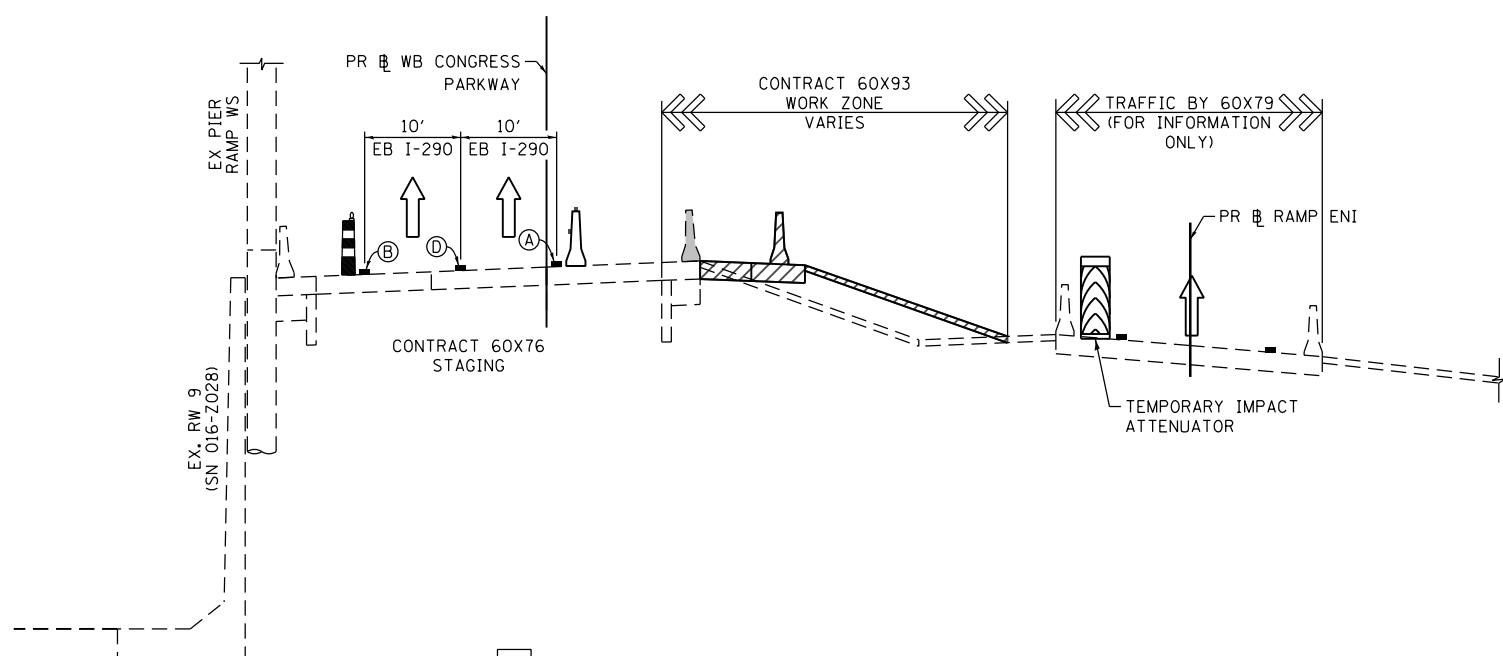
**12 - I-290 STAGE 1 TYPICAL SECTION  
(LOOKING WEST)**

SCALE: NONE  
SEE SHEET NO. 222







**14 - I-290 STAGE 3 TYPICAL SECTION  
(LOOKING WEST)**

SCALE: NONE  
SEE SHEET NO. 258



**13 - I-290 STAGE 2 TYPICAL SECTION  
(LOOKING EAST)**

SCALE: NONE  
SEE SHEET NO. 240

-  REMOVAL LIMITS
-  WORK ZONE
-  TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHT
-  TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C (2 EACH @ 25' SPACINGS PER STANDARD 704001)
- \* FROM PREVIOUS STAGE TO REMAIN

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)

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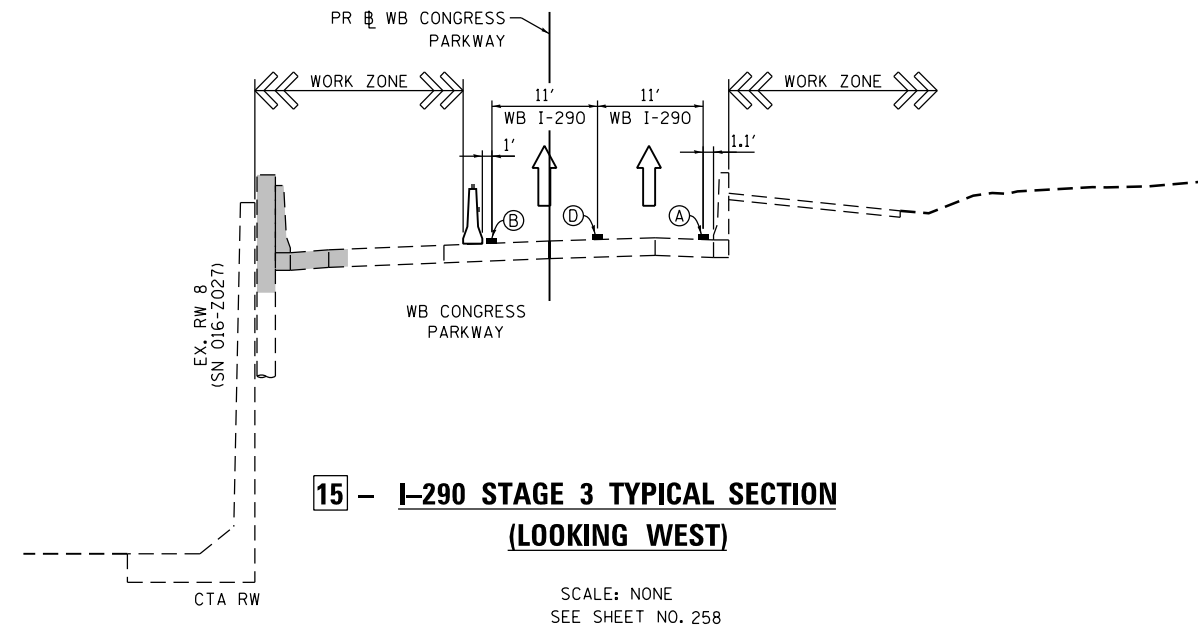
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PLOT DATE = 7/26/2018	DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
TYPICAL SECTIONS I-290 MAINLINE STAGE 1 - 3			
SCALE: NONE	SHEET 7 OF 15 SHEETS	STA. TO STA.	

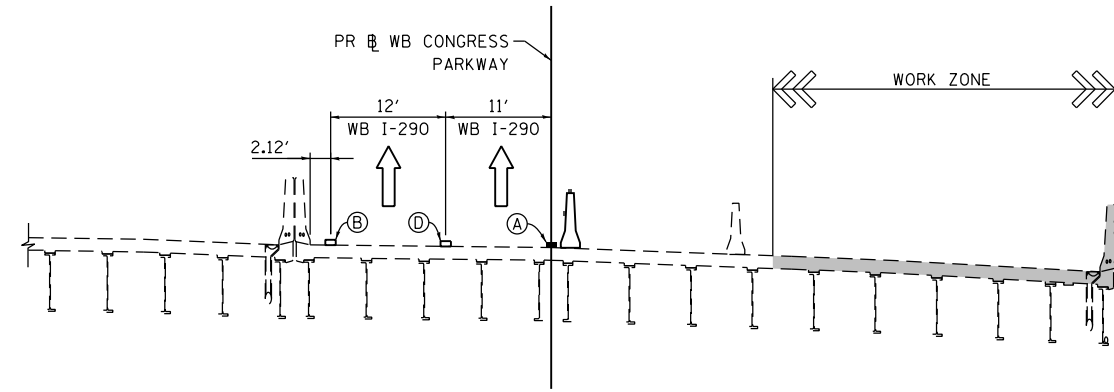
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	169
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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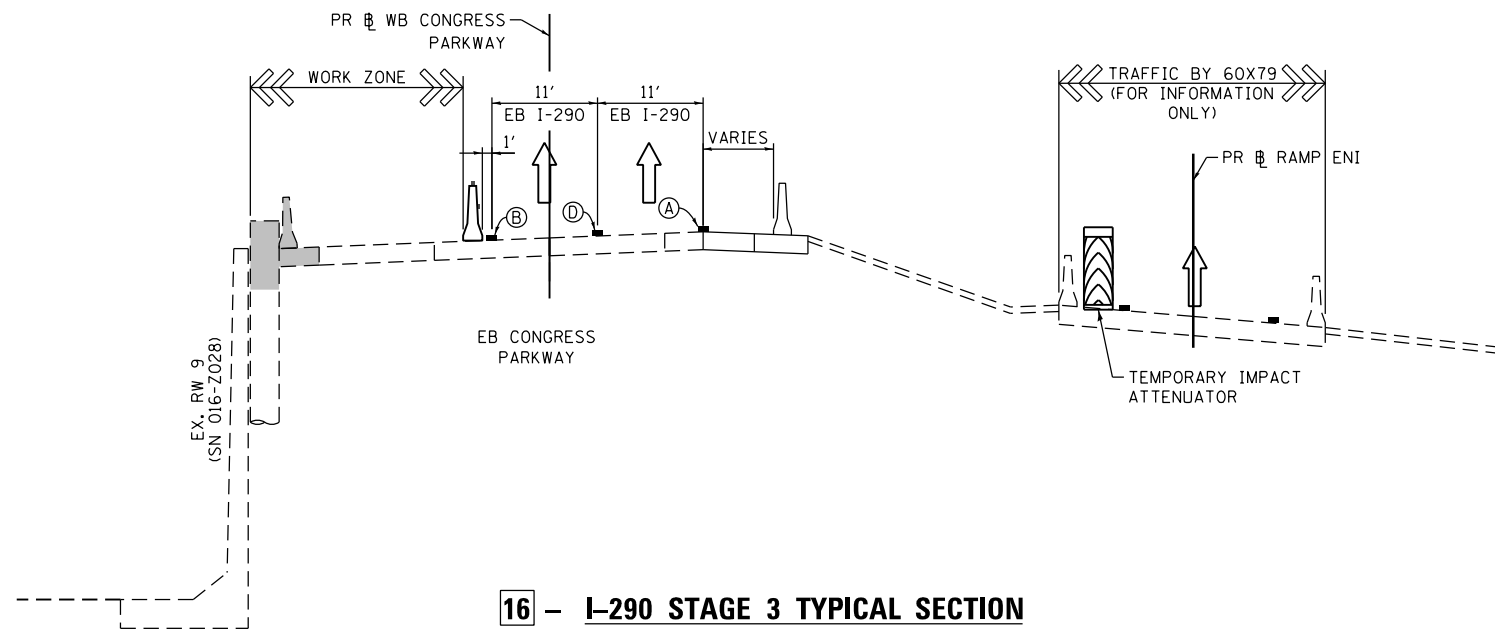
**15 - I-290 STAGE 3 TYPICAL SECTION  
(LOOKING WEST)**

SCALE: NONE  
SEE SHEET NO. 258



**17 - I-290 STAGE 4 TYPICAL SECTION  
(LOOKING WEST)**

SCALE: NONE  
SEE SHEET NO. 276



**16 - I-290 STAGE 3 TYPICAL SECTION  
(LOOKING EAST)**

SCALE: NONE  
SEE SHEET NO. 258

- REMOVAL LIMITS
- WORK ZONE
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHT
- TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C (2 EACH @ 25' SPACINGS PER STANDARD 704001)
- \* FROM PREVIOUS STAGE TO REMAIN

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)



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 DEPARTMENT OF TRANSPORTATION

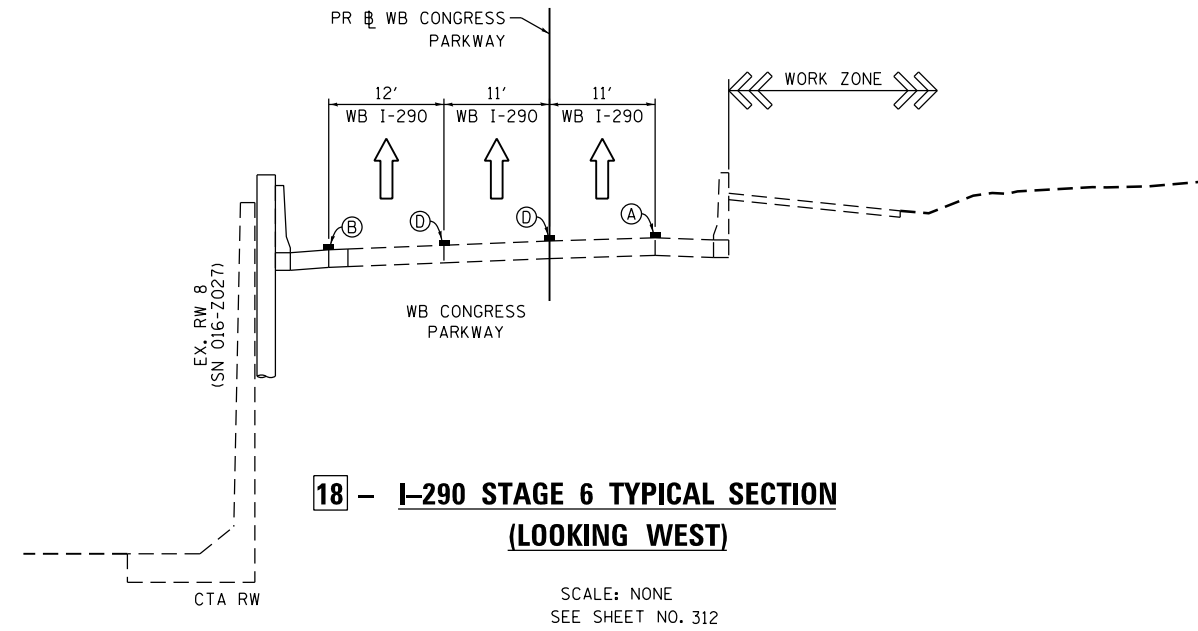
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
 TYPICAL SECTIONS I-290 MAINLINE STAGE 3 - 4

SCALE: NONE SHEET 8 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	170
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

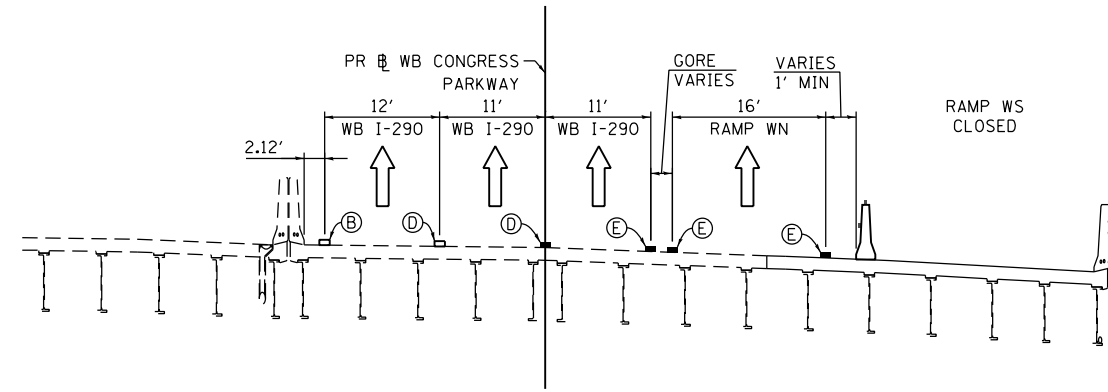


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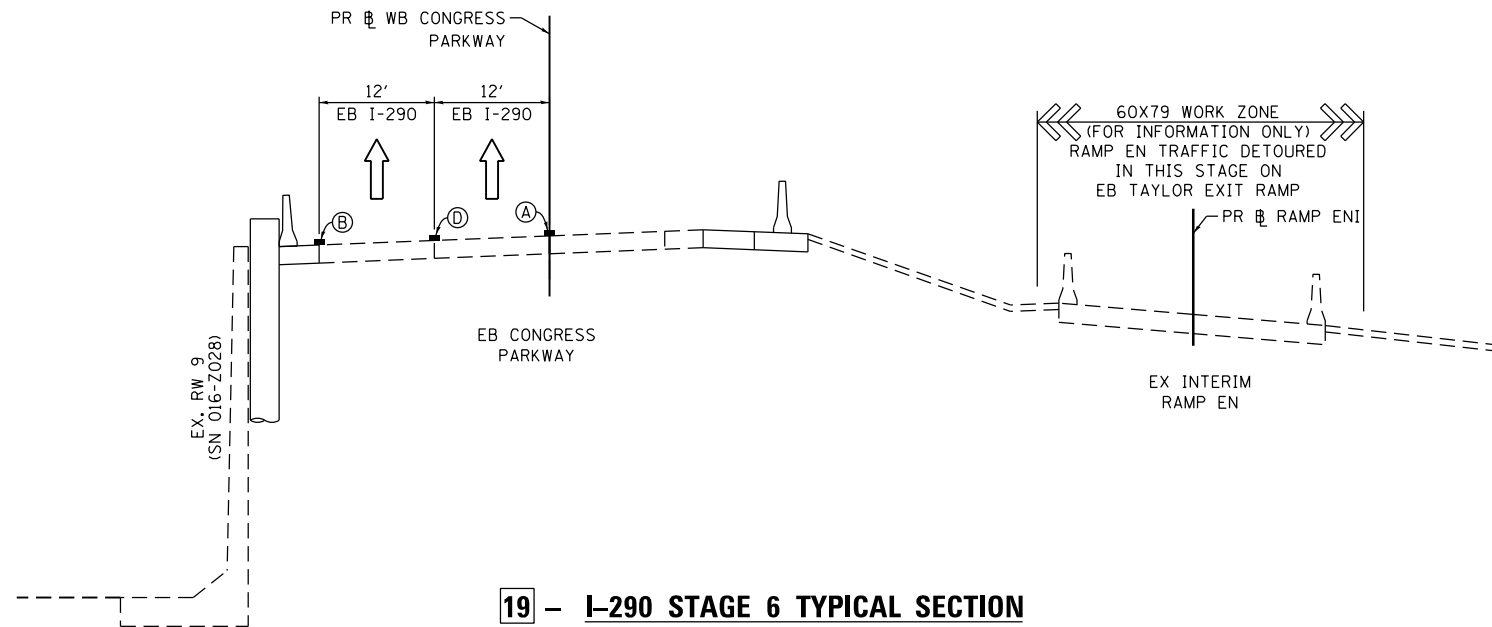
**18 - I-290 STAGE 6 TYPICAL SECTION (LOOKING WEST)**

SCALE: NONE  
SEE SHEET NO. 312



**20 - I-290 STAGE 6 TYPICAL SECTION (LOOKING WEST)**

SCALE: NONE  
SEE SHEET NO. 312



**19 - I-290 STAGE 6 TYPICAL SECTION (LOOKING EAST)**

SCALE: NONE  
SEE SHEET NO. 312

- REMOVAL LIMITS
- WORK ZONE
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHT
- TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C (2 EACH @ 25' SPACINGS PER STANDARD 704001)
- \* FROM PREVIOUS STAGE TO REMAIN

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30' SPACING) (TYP)



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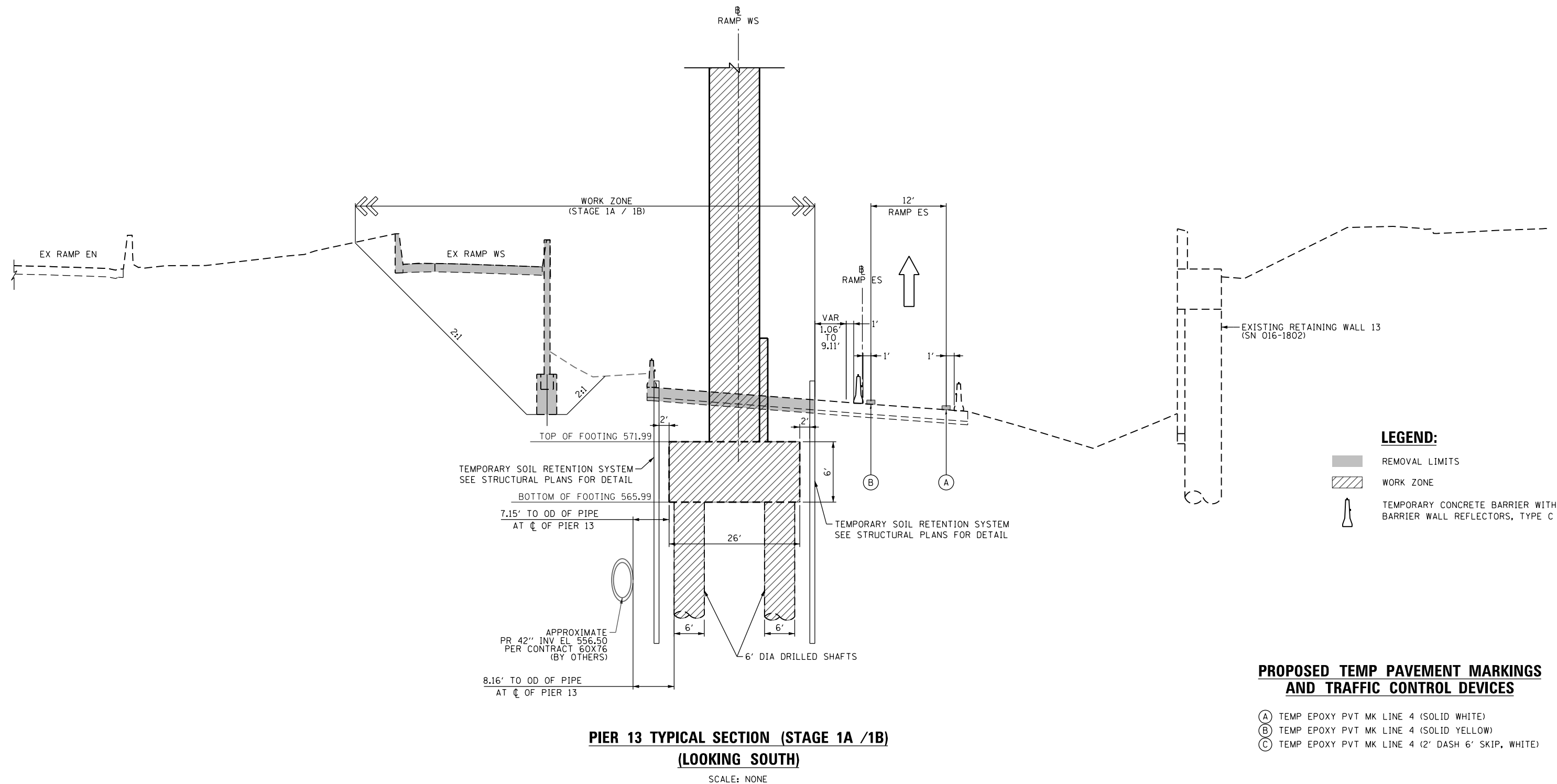
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN</b>			
<b>TYPICAL SECTIONS I-290 MAINLINE STAGE 6</b>			
SCALE: NONE	SHEET 9 OF 15 SHEETS	STA. TO STA.	




F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	171
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

**NOTES:**

1. SEE ROADWAY AND BRIDGE PLANS FOR AREAS OF REMOVAL.
2. SECTION SHOWN IS TAKEN AT  $\phi$  OF PIER.



**LEGEND:**

-  REMOVAL LIMITS
-  WORK ZONE
-  TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)

**PIER 13 TYPICAL SECTION (STAGE 1A /1B)**  
**(LOOKING SOUTH)**

SCALE: NONE

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

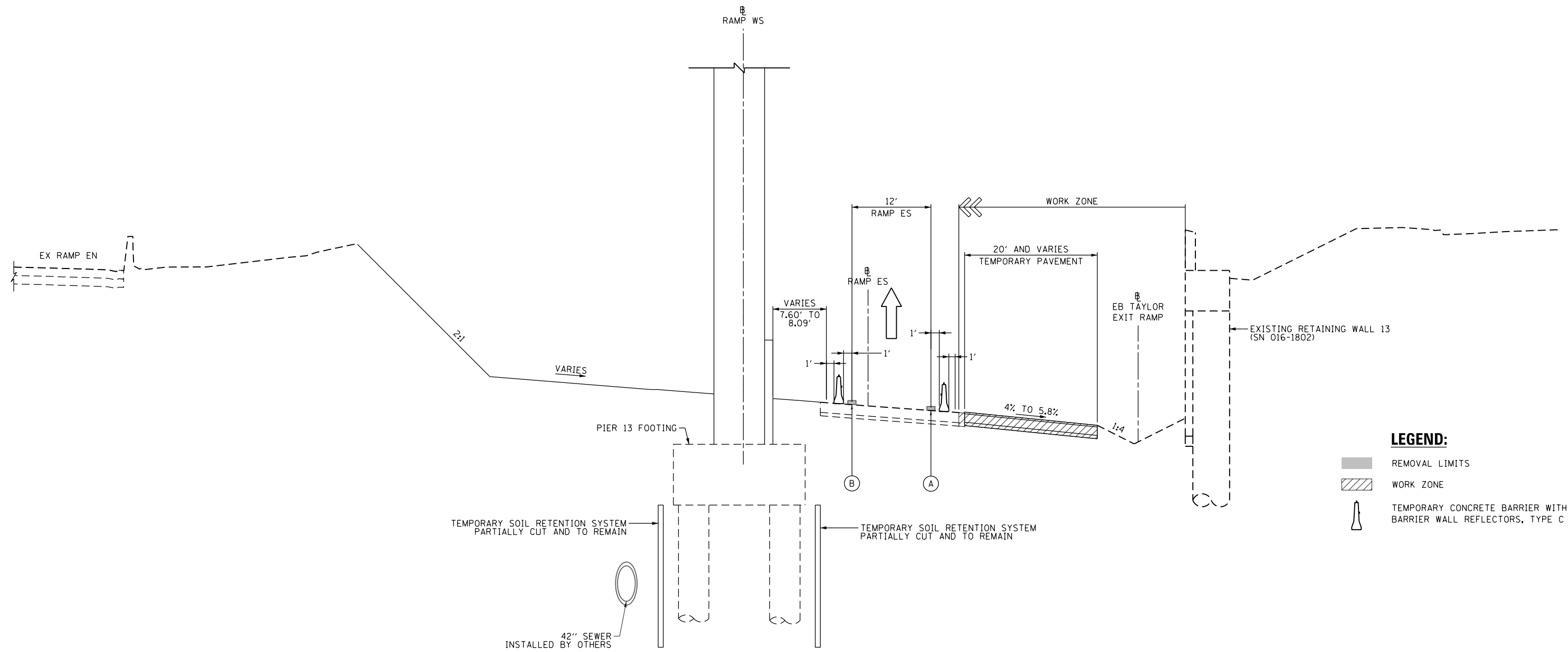
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN**  
**PIER 13 TYPICAL SECTION (STAGE 1A /1B)**

SCALE: NONE    SHEET 10 OF 15 SHEETS    STA.    TO STA.




F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	172
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

**NOTES:**

1. SEE ROADWAY AND BRIDGE PLANS FOR AREAS OF REMOVAL.
2. SECTION SHOWN IS TAKEN AT  $\phi$  OF PIER.



**LEGEND:**

-  REMOVAL LIMITS
-  WORK ZONE
-  TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)

**PIER 13 TYPICAL SECTION (STAGE 2)  
(LOOKING SOUTH)**

SCALE: NONE

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 DRAWN - APA  
 CHECKED - MJE  
 DATE - 7/30/2018

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

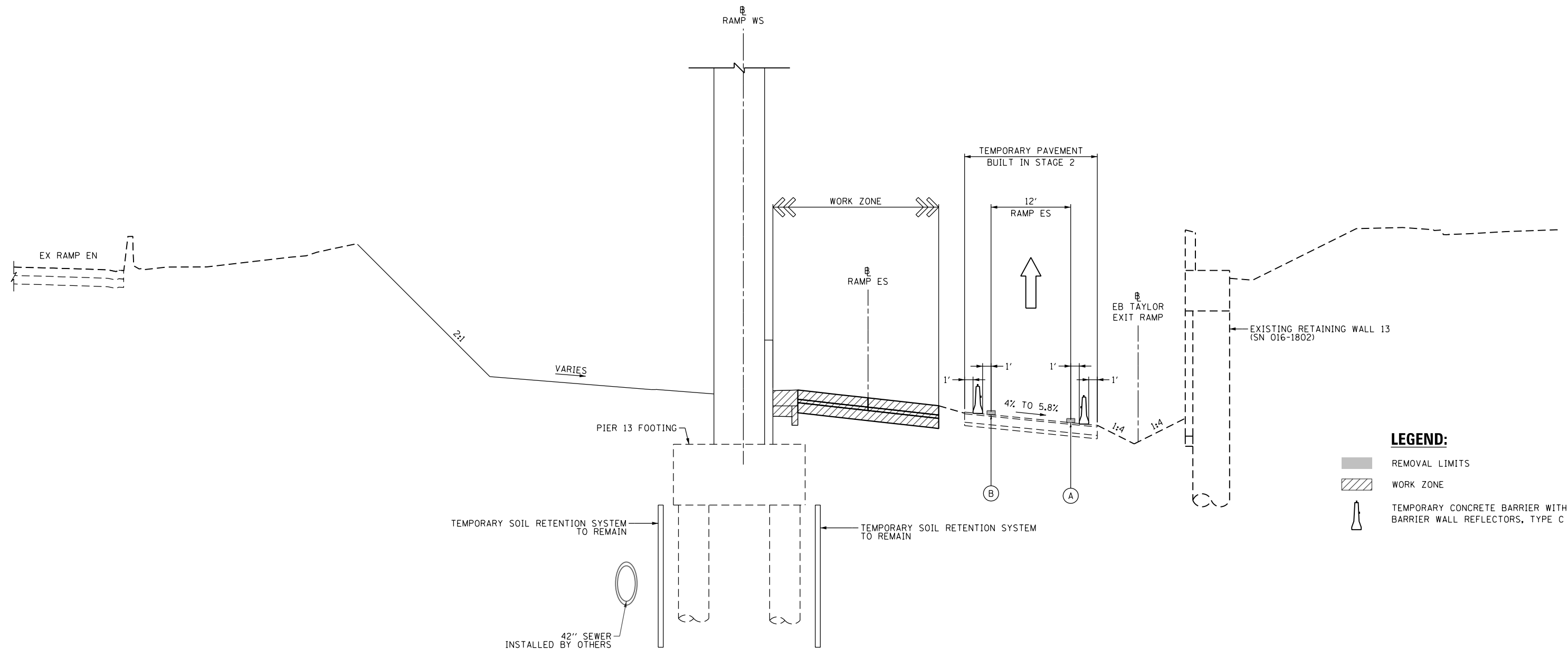
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
PIER 13 TYPICAL SECTION (STAGE 2)**

SCALE: NONE SHEET 11 OF 15 SHEETS STA. TO STA.




F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	173
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

**NOTES:**

1. SEE ROADWAY AND BRIDGE PLANS FOR AREAS OF REMOVAL.
2. SECTION SHOWN IS TAKEN AT  $\phi$  OF PIER.



**LEGEND:**

-  REMOVAL LIMITS
-  WORK ZONE
-  TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)

**PIER 13 TYPICAL SECTION (STAGE 3)  
(LOOKING SOUTH)**

SCALE: NONE

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

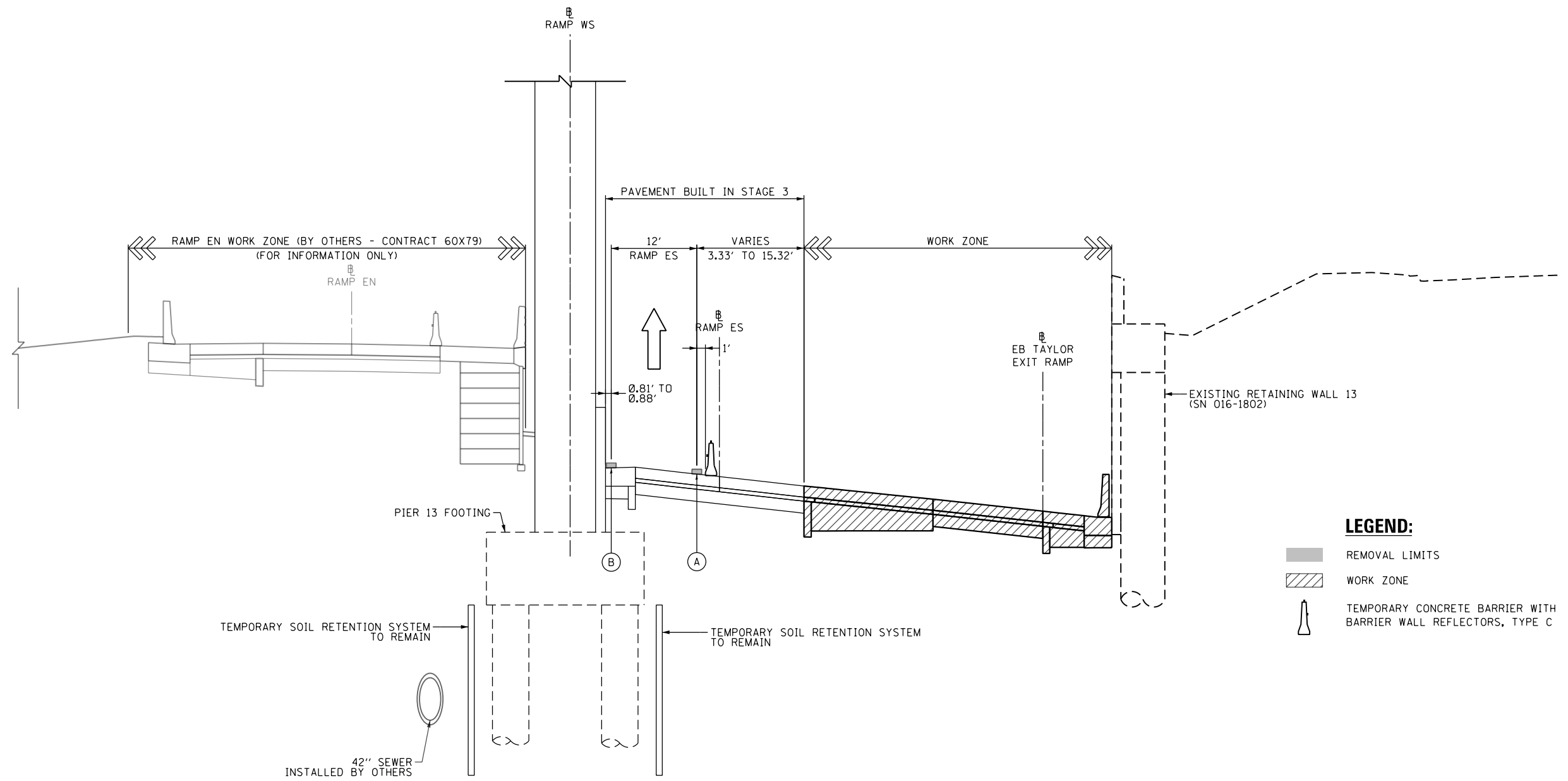
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
PIER 13 TYPICAL SECTION (STAGE 3)**

SCALE: NONE    SHEET 12 OF 15 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	174
<b>CONTRACT NO. 60X93</b>				
ILLINOIS FED. AID PROJECT				

**NOTES:**

1. SEE ROADWAY AND BRIDGE PLANS FOR AREAS OF REMOVAL.
2. SECTION SHOWN IS TAKEN AT  $\phi$  OF PIER.



**LEGEND:**

- REMOVAL LIMITS
- WORK ZONE
- TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)

**PIER 13 TYPICAL SECTION (STAGE 4)  
(LOOKING SOUTH)**

SCALE: NONE

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

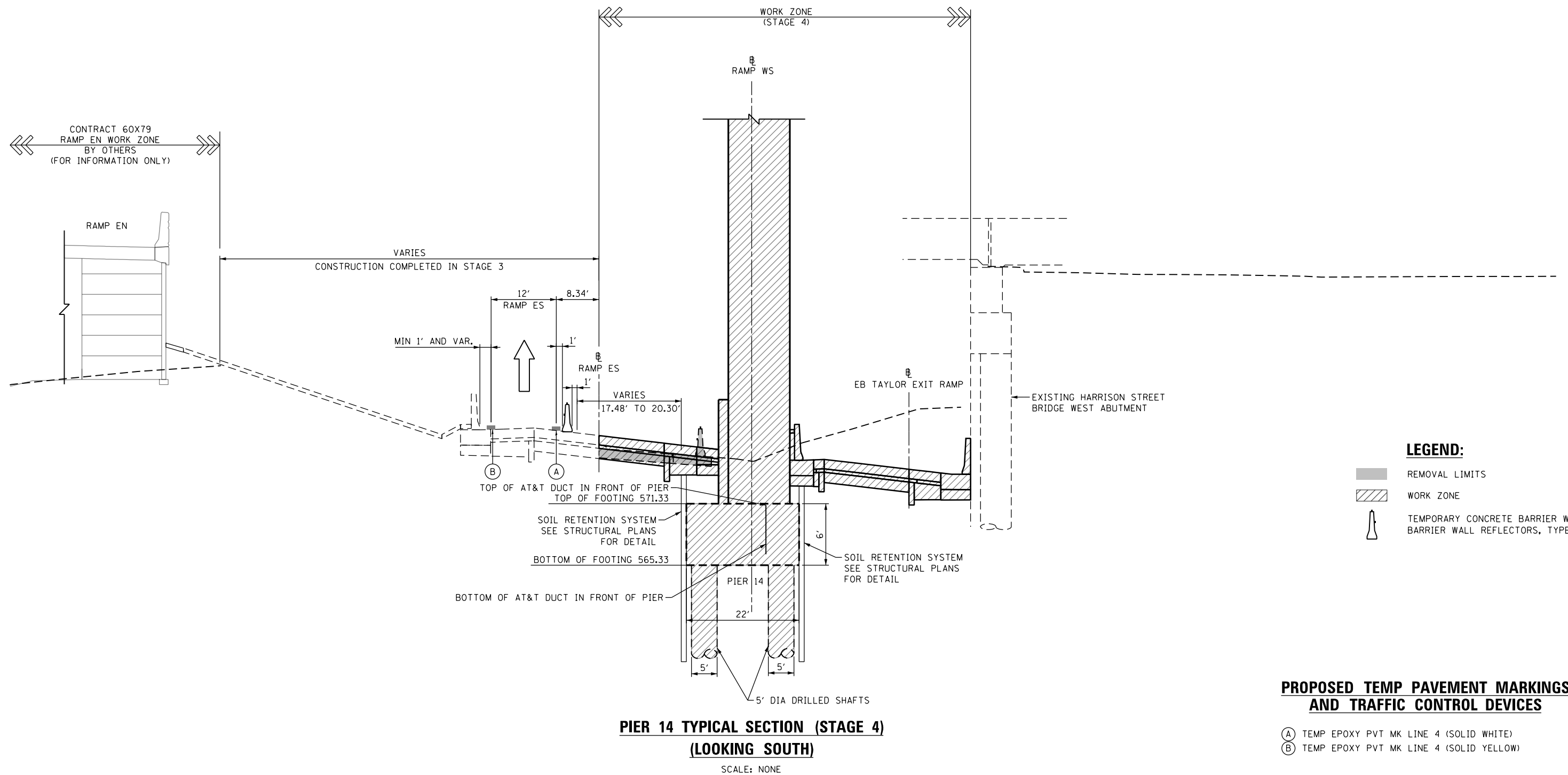
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
PIER 13 TYPICAL SECTION (STAGE 4)**

SCALE: NONE SHEET 13 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	175
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

**NOTES:**

1. SEE ROADWAY AND BRIDGE PLANS FOR AREAS OF REMOVAL.
2. SECTION SHOWN IS TAKEN AT  $\phi$  OF PIER.



**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)

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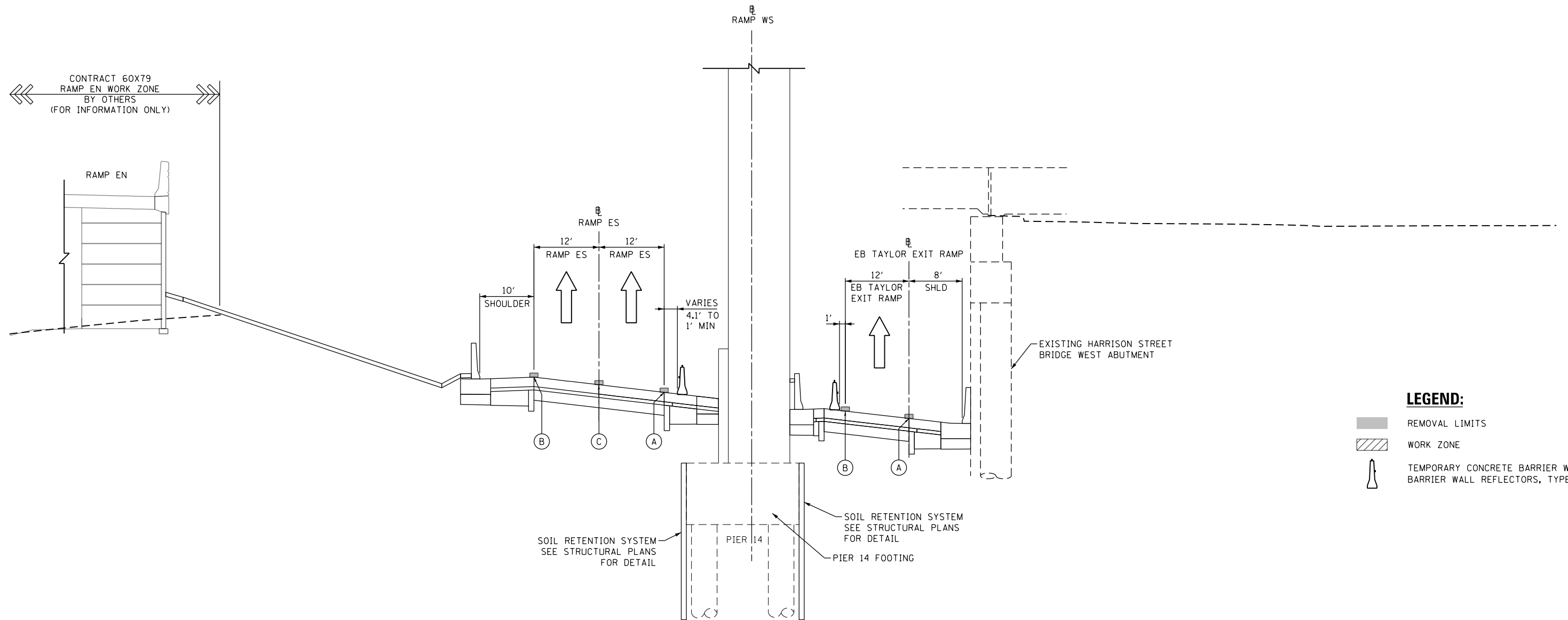
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
TYPICAL SECTIONS PIER 14 (STAGE 4)**  
 SCALE: NONE SHEET 14 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	176
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

**NOTES:**

1. SEE ROADWAY AND BRIDGE PLANS FOR AREAS OF REMOVAL.
2. SECTION SHOWN IS TAKEN AT  $\phi$  OF PIER.



**LEGEND:**

- REMOVAL LIMITS
- WORK ZONE
- TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)

**PIER 14 TYPICAL SECTION (STAGE 5)  
(LOOKING SOUTH)**

SCALE: NONE

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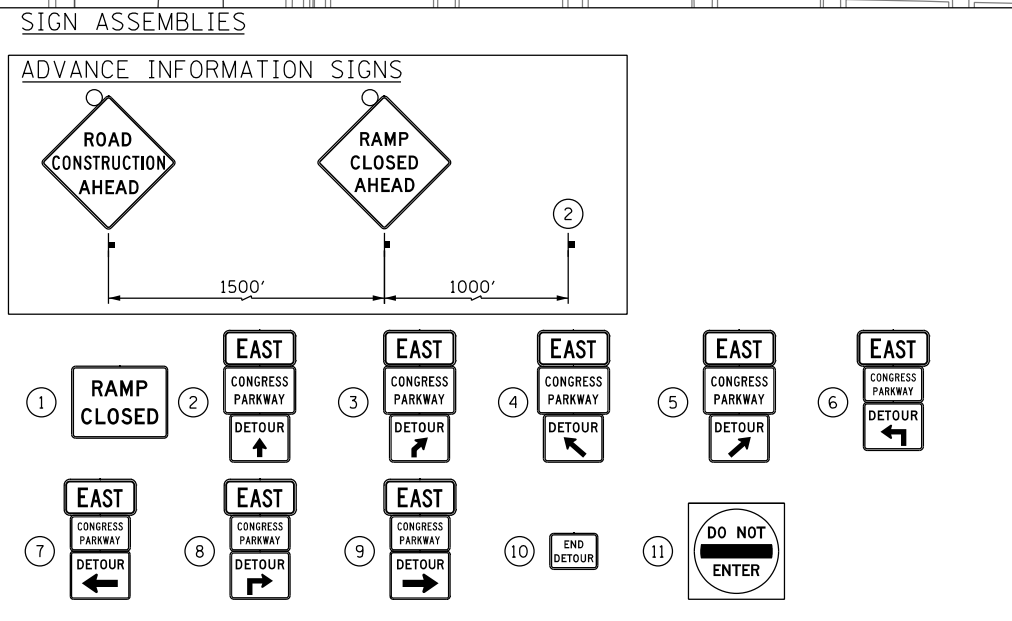
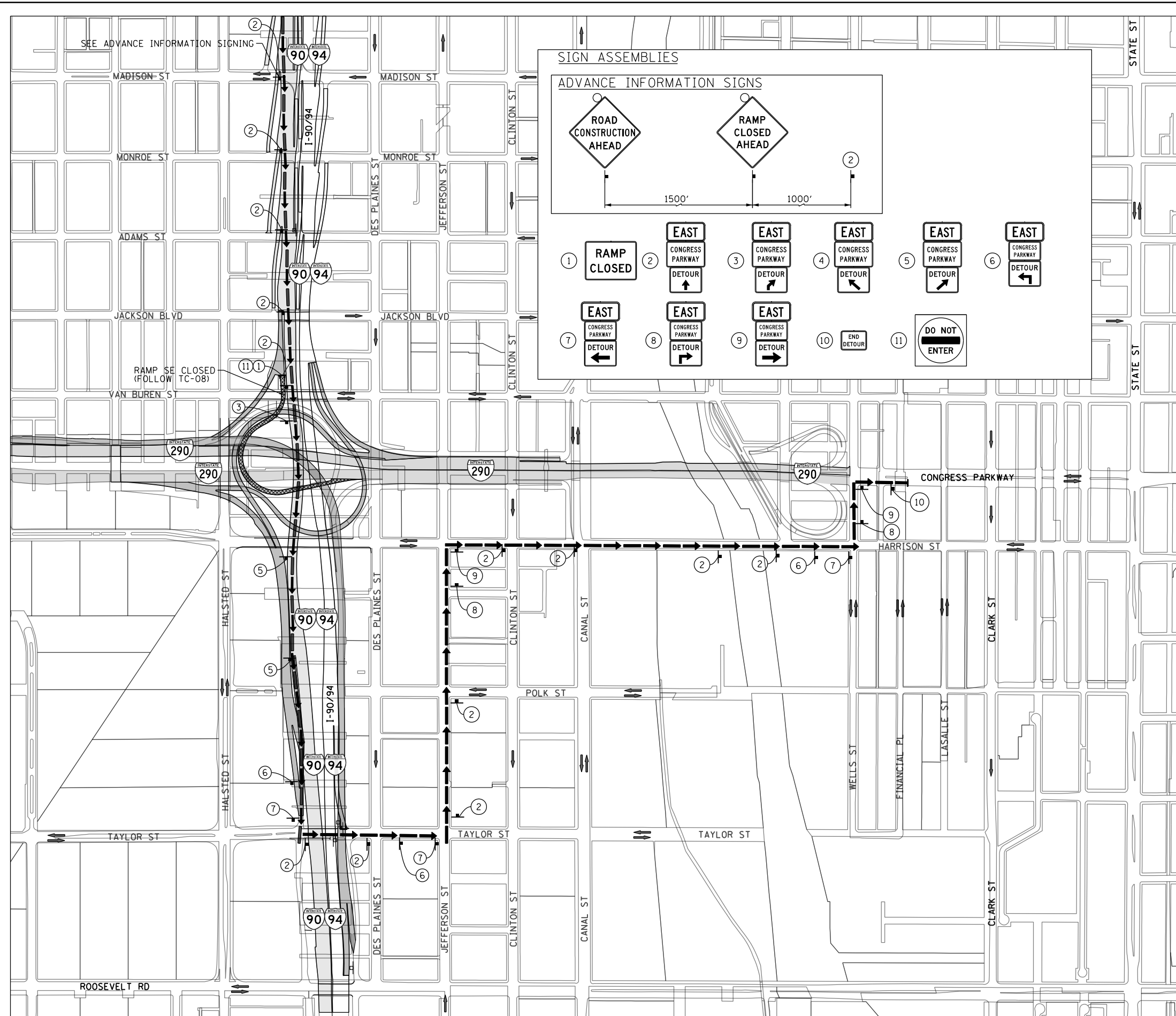
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
TYPICAL SECTIONS PIER 14 (STAGE 5)**

SCALE: NONE SHEET 15 OF 15 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	177
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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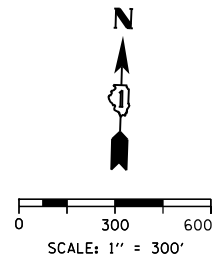


### TRAFFIC CONTROL NOTES

1. DETOUR SIGNING MUST BE INSTALLED/MAINTAINED DURING CLOSURE OF RAMP SE.
2. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
3. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
4. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
6. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
7. DETOUR SIGNING SHALL REMAIN IN PLACE UNTIL CHANGE IN DETOUR ROUTE.

### LEGEND

- SUGGESTED PRIMARY ROUTE
- TEMPORARY SIGN
- EXISTING SIGN
- EXISTING POLE
- SIGN BARRICADE TYPE III
- TWO-WAY STREET
- ONE-WAY STREET
- RAMP CLOSURE



### DETOUR SIGNS TYPE & SIZE

(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

- EAST M3-2 (36"x18")
- END DETOUR M4-8A (24"x18")
- DETOUR ↙ M4-9L (30"x24")
- DETOUR ↘ M4-9R (30"x24")
- DETOUR ↑ DETOUR ↓ M4-9 (30"x24")
- RAMP CLOSED AHEAD W20-30-48
- ROAD CONSTRUCTION AHEAD W20-1103-48
- RAMP CLOSED SEE TC-08 FOR SIGN INFORMATION  
BLACK LETTERS ON ORANGE BACKGROUND (48"x36")
- DO NOT ENTER R5-1-4848
- \* CONGRESS PARKWAY CUSTOM SPECIAL - LOCAL ROAD  
BLACK LETTERS ON ORANGE BACKGROUND (30"x18")
- \* CONGRESS PARKWAY CUSTOM SPECIAL - INTERSTATE  
BLACK LETTERS ON ORANGE BACKGROUND (36"x24")
- \* TO BE PAID FOR AS TEMPORARY INFORMATION SIGNING



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STATE OF ILLINOIS  
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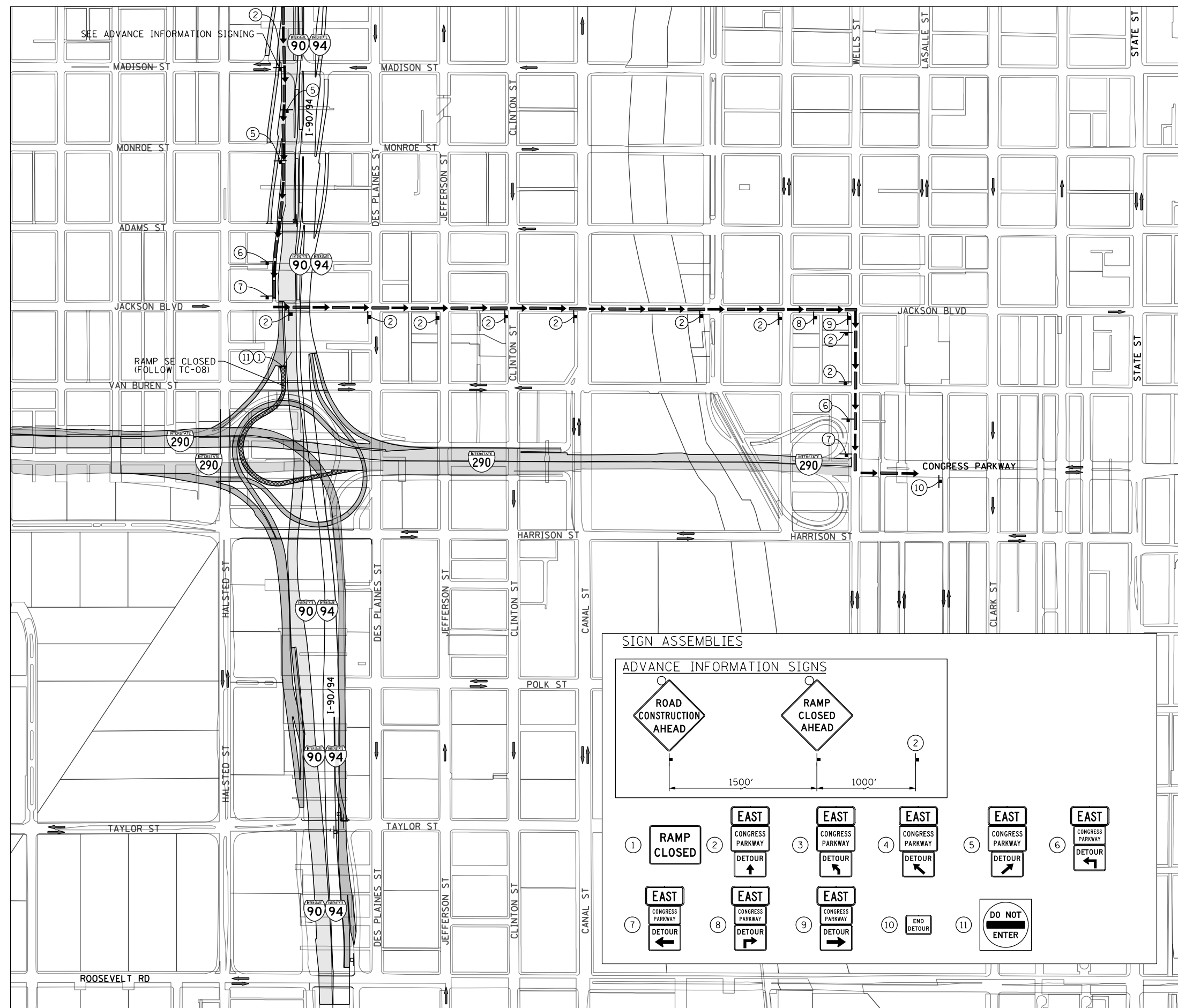
DETOUR PLAN  
 RAMP SE - WHILE SB TAYLOR EXIT RAMP OPEN

SCALE: 1" = 300' SHEET 1 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	178
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



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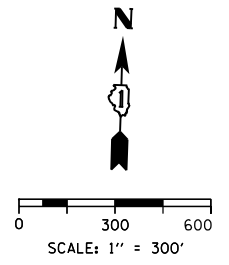


**TRAFFIC CONTROL NOTES**

1. DETOUR SIGNING MUST BE INSTALLED PRIOR TO THE CLOSURE OF THE SB EXIT TO TAYLOR ST EXIT IS CLOSED.
2. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
3. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
4. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
6. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
7. DETOUR SIGNING SHALL BE REMOVED PROMPTLY AFTER RAMP SE IS OPENED TO TRAFFIC.

**LEGEND**

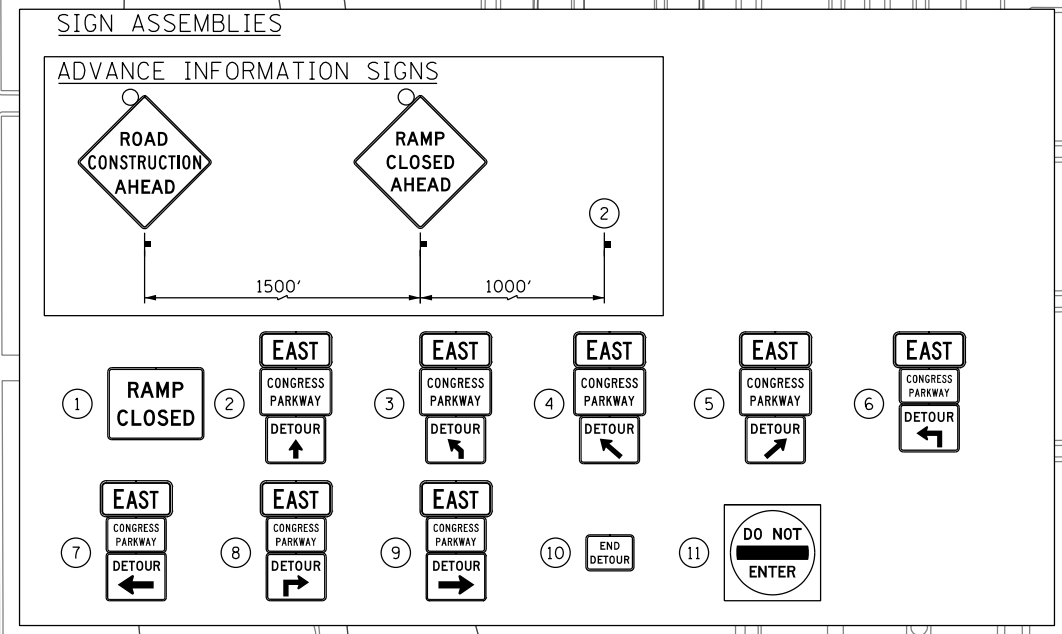
- SUGGESTED PRIMARY ROUTE
- TEMPORARY SIGN
- EXISTING SIGN
- EXISTING POLE
- SIGN BARRICADE TYPE III
- TWO-WAY STREET
- ONE-WAY STREET
- RAMP CLOSURE



**DETOUR SIGNS TYPE & SIZE**

(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

- EAST M3-2 (36"x18")
- END DETOUR M4-8A (24"x18")
- DETOUR M4-9L (30"x24")
- DETOUR M4-9R (30"x24")
- DETOUR M4-9 (30"x24")
- DETOUR M4-9 (30"x24")
- RAMP CLOSED AHEAD W20-30-48
- ROAD CONSTRUCTION AHEAD W20-1103-48
- RAMP CLOSED SEE TC-08 FOR SIGN INFORMATION BLACK LETTERS ON ORANGE BACKGROUND (48"x36")
- DO NOT ENTER R5-1-4848
- \* CONGRESS PARKWAY CUSTOM SPECIAL - LOCAL ROAD BLACK LETTERS ON ORANGE BACKGROUND (30"x18")
- \* CONGRESS PARKWAY CUSTOM SPECIAL - INTERSTATE BLACK LETTERS ON ORANGE BACKGROUND (36"x24")



D160x93-sht-Detour-02.dgn  
 USER NAME = PATELP2  
 PLOT SCALE = 600.0000' / 1"  
 PLOT DATE = 7/26/2018

DESIGNED - MSC  
 DRAWN - PHP  
 CHECKED - MJE  
 DATE - 7/30/2018

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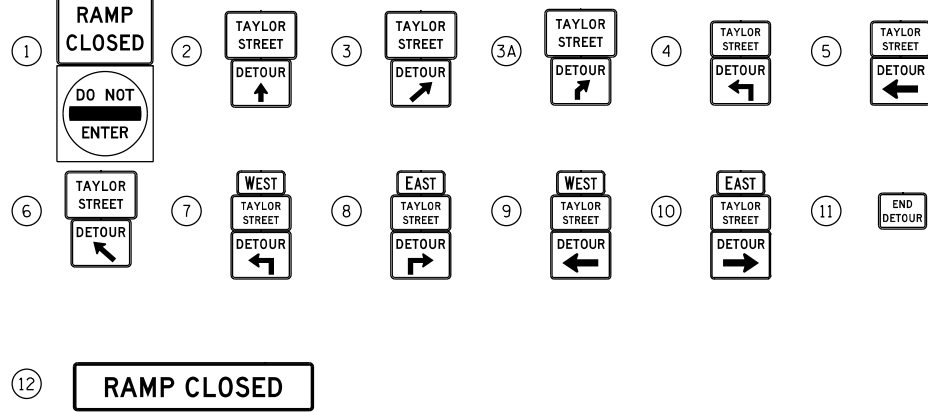
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN**  
**RAMP SE - WHILE SB TAYLOR EXIT RAMP CLOSED**  
 SCALE: 1" = 300' SHEET 2 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	179
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

**SIGN ASSEMBLIES**

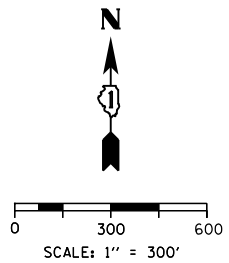
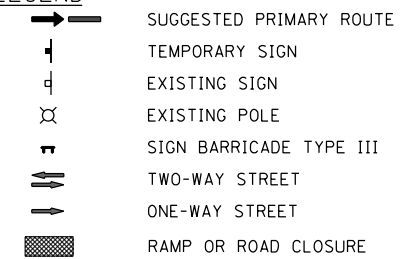
SEE NOTE 2



**TRAFFIC CONTROL NOTES**

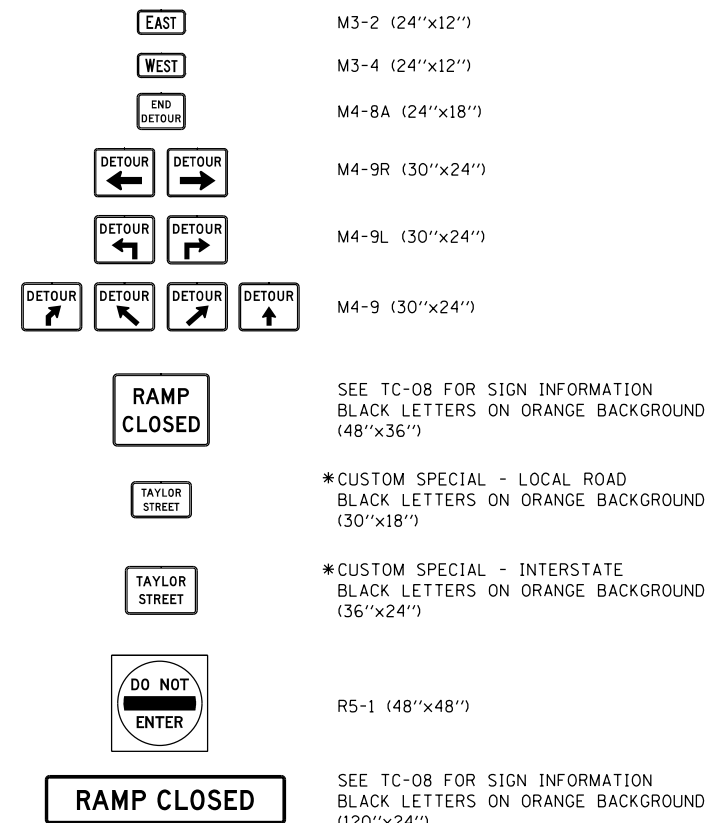
1. PRIMARY DETOUR ROUTE: I-90/94 (SB) EXIT AT 18TH ST. AND RETURN VIA I-90/94 (NB) TO USE ROOSEVELT RD. EXIT RAMP TO TAYLOR ST.
2. DETOUR SIGNING MUST BE INSTALLED PRIOR TO CLOSURE OF THE SB TAYLOR STREET EXIT RAMP.
3. EXIT RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
4. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
5. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
6. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
7. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL), FOR SIGNS ALONG LOCAL ROADS AND TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) FOR SIGNS ALONG EXPRESSWAYS.
8. COORDINATE DETOUR ROUTE SIGNAGE WITH DETOUR ROUTES INSTALLED BY OTHERS UNDER CONTRACT 60X79.

**LEGEND**

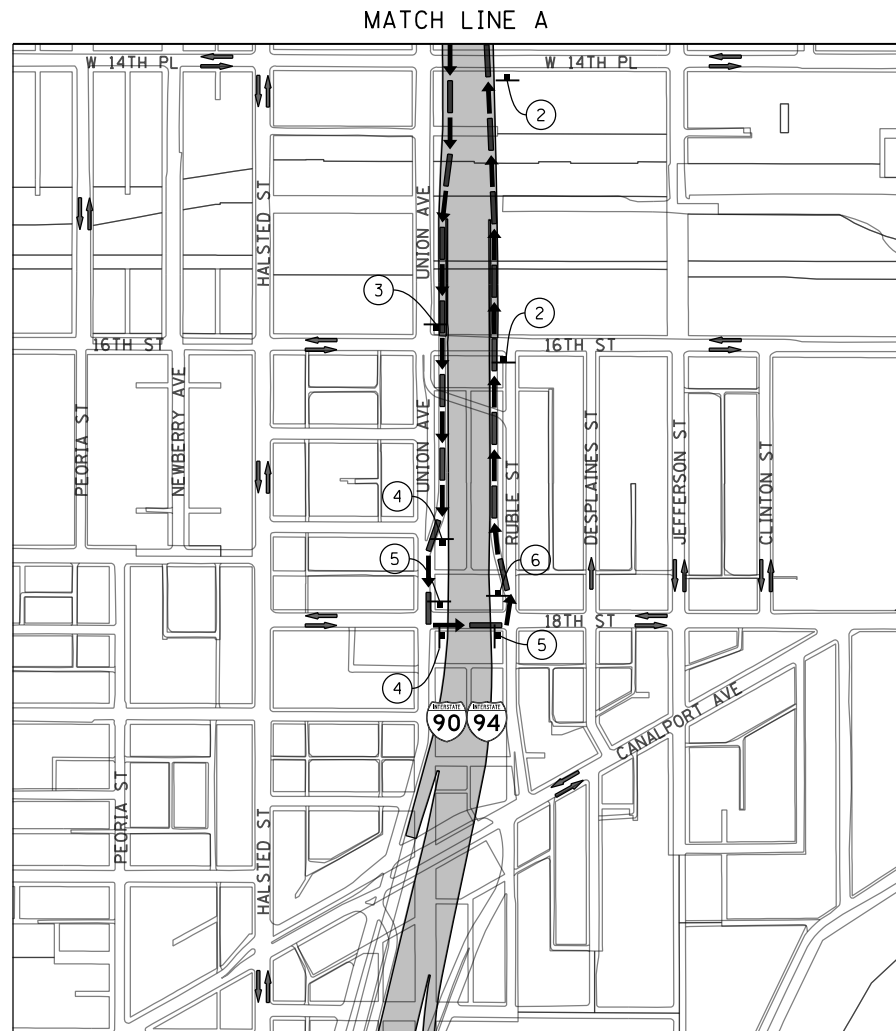
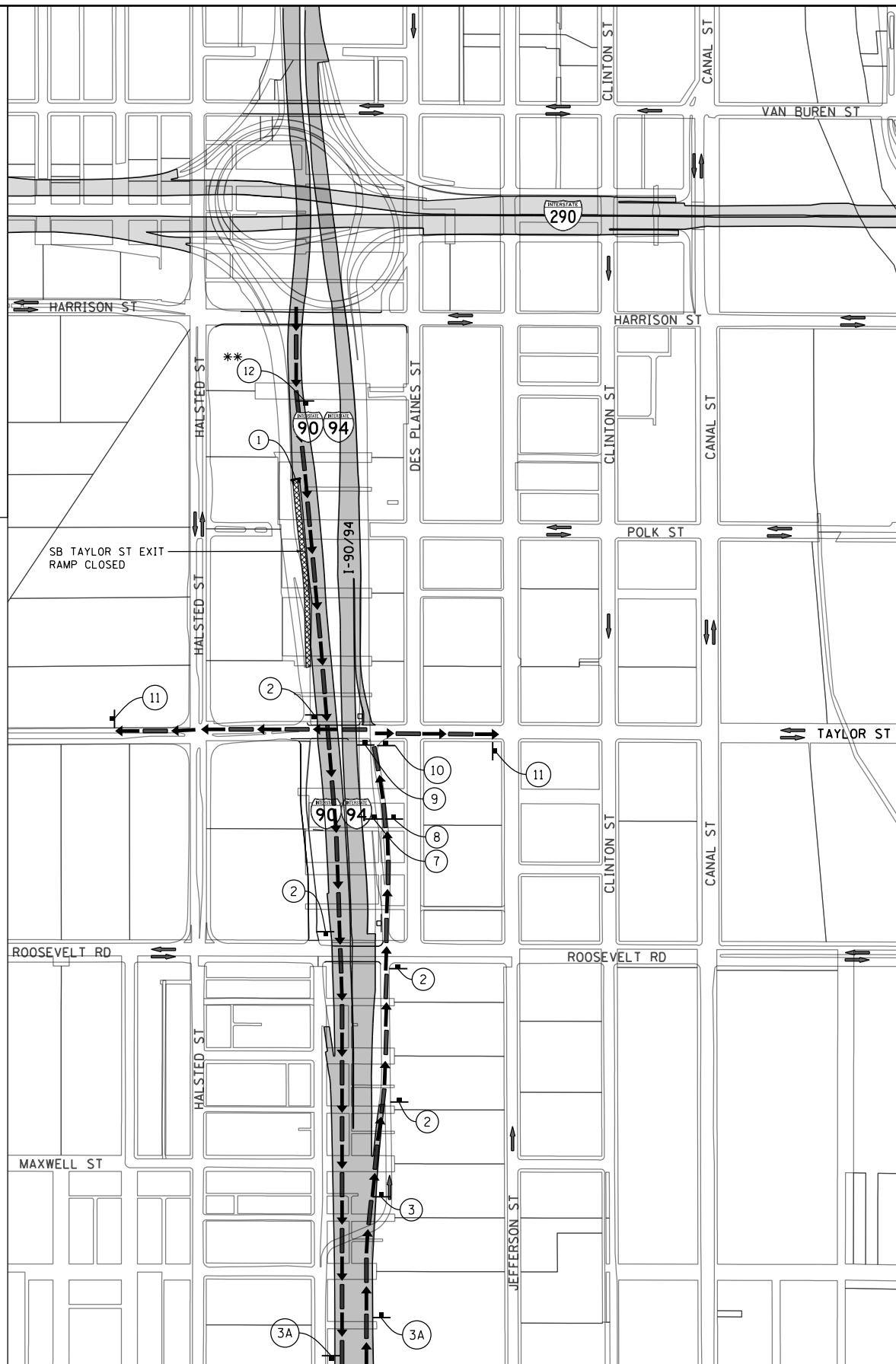


**DETOUR SIGNS TYPE & SIZE**

(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)



\* TO BE PAID FOR AS TEMPORARY INFORMATION SIGNING  
 \*\* TO BE ATTACHED TO OVERHEAD SIGN



FILE PATH = p:\617479-PMINT\pccommon\line\local\AECOM\_D592\_NA\Documents\01\_Americas\T\engor\station\602694938\_Circle\Phase\_11\000\_CAD\006\_Roadway\Sheets\60X93\_Contract\0160X93-sht-Detour-03-SB Taylor-EXT.dgn



D160X93-sht-Detour-03-SB Taylor EXT.dgn  
 USER NAME = PATELP2  
 PLOT SCALE = 600.0000' / in.  
 PLOT DATE = 7/26/2018

DESIGNED - MSC  
 DRAWN - PHP  
 CHECKED - MJE  
 DATE - 7/30/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

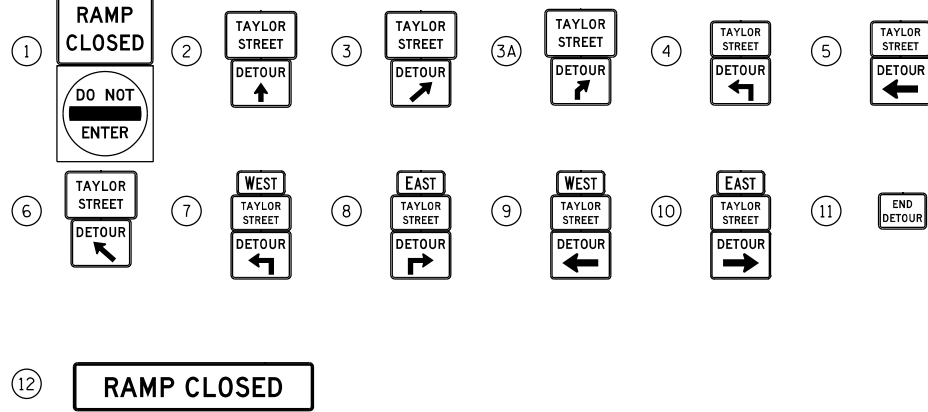
**DETOUR PLAN  
 SB TAYLOR STREET EXIT RAMP**

SCALE: 1" = 300' SHEET 3 OF 10 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	180
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

**SIGN ASSEMBLIES**

SEE NOTE 2

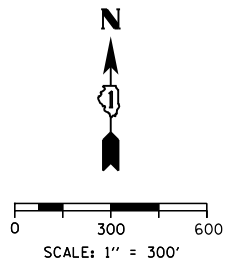


**TRAFFIC CONTROL NOTES**

1. PRIMARY DETOUR ROUTE: I-90/94 (SB) EXIT AT 18TH ST. AND RETURN VIA I-90/94 (NB) TO USE ROOSEVELT RD. EXIT RAMP TO TAYLOR ST.
2. DETOUR SIGNING MUST BE INSTALLED PRIOR TO CLOSURE OF THE TAYLOR STREET EXIT RAMP FROM EB I-290.
3. EXIT RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
4. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
5. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
6. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
7. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL), FOR SIGNS ALONG LOCAL ROADS AND TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) FOR SIGNS ALONG EXPRESSWAYS.
8. COORDINATE DETOUR ROUTE SIGNAGE WITH DETOUR ROUTES INSTALLED BY OTHERS UNDER CONTRACT 60X79.

**LEGEND**

- SUGGESTED PRIMARY ROUTE
- TEMPORARY SIGN
- EXISTING SIGN
- EXISTING POLE
- SIGN BARRICADE TYPE III
- TWO-WAY STREET
- ONE-WAY STREET
- RAMP OR ROAD CLOSURE

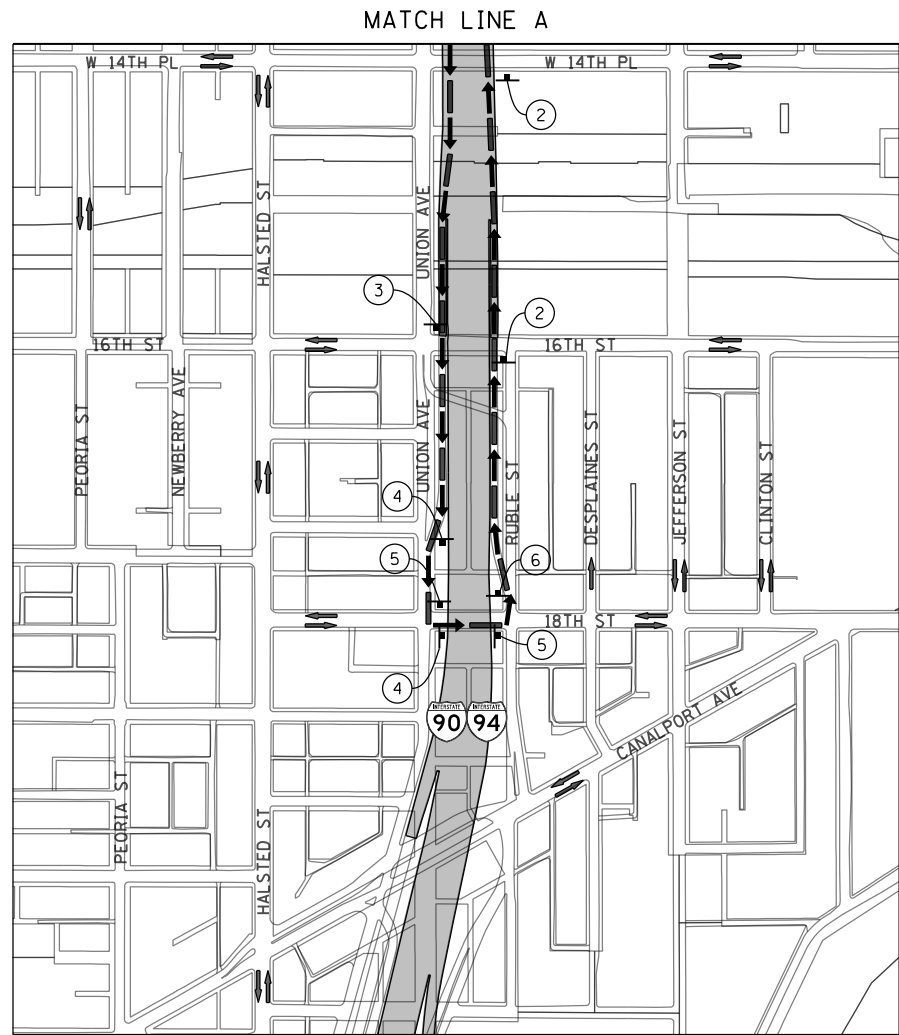
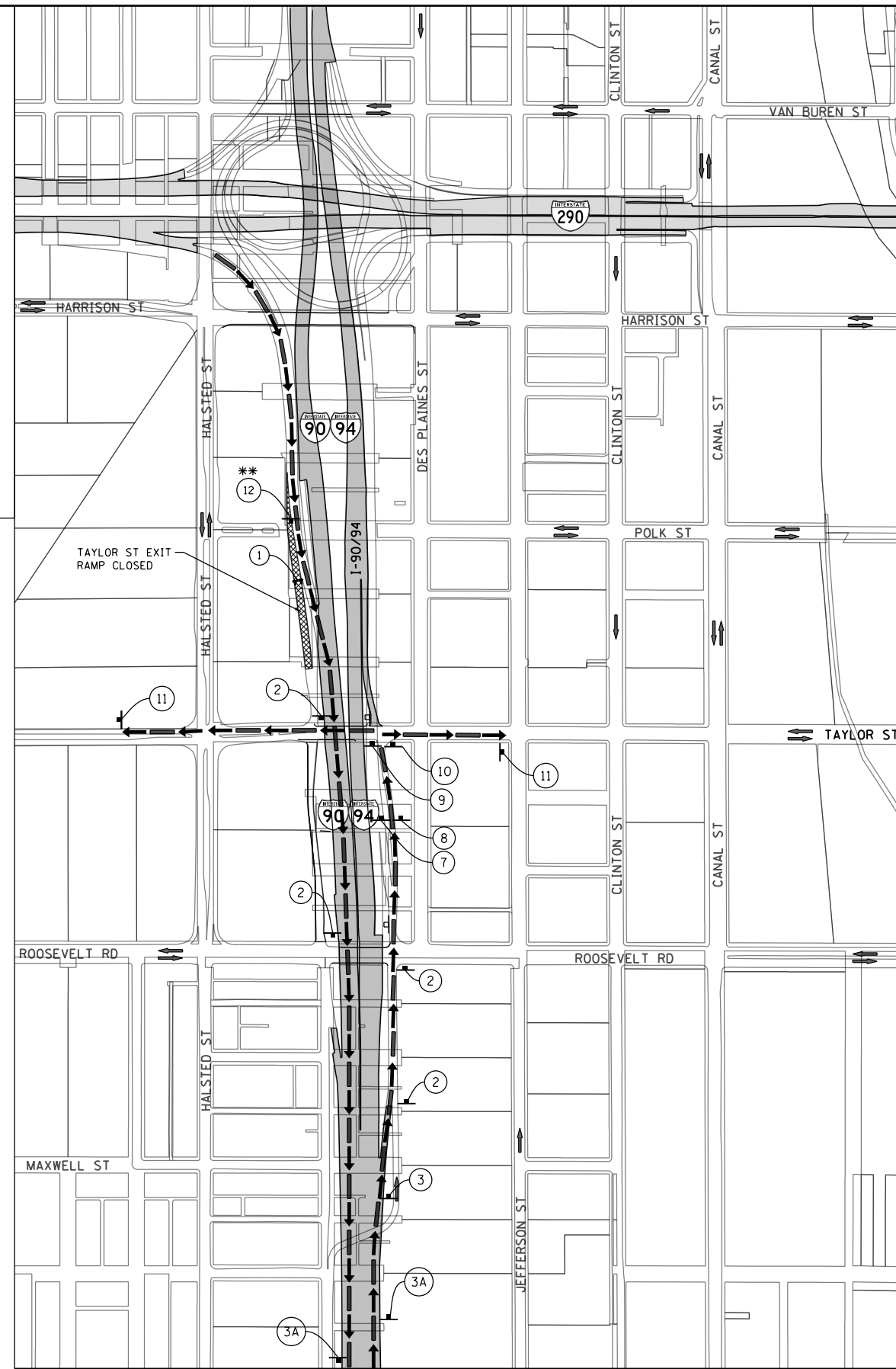


**DETOUR SIGNS TYPE & SIZE**

(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

- EAST M3-2 (24"x12")
- WEST M3-4 (24"x12")
- END DETOUR M4-8A (24"x18")
- DETOUR M4-9R (30"x24")
- DETOUR M4-9L (30"x24")
- DETOUR M4-9 (30"x24")
- DETOUR M4-9 (30"x24")
- RAMP CLOSED SEE TC-08 FOR SIGN INFORMATION BLACK LETTERS ON ORANGE BACKGROUND (48"x36")
- TAYLOR STREET \*CUSTOM SPECIAL - LOCAL ROAD BLACK LETTERS ON ORANGE BACKGROUND (30"x18")
- TAYLOR STREET \*CUSTOM SPECIAL - INTERSTATE BLACK LETTERS ON ORANGE BACKGROUND (36"x24")
- DO NOT ENTER R5-1 (48"x48")
- RAMP CLOSED SEE TC-08 FOR SIGN INFORMATION BLACK LETTERS ON ORANGE BACKGROUND (120"x24")

\* TO BE PAID FOR AS TEMPORARY INFORMATION SIGNING  
 \*\* TO BE ATTACHED TO OVERHEAD SIGN



**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
TAYLOR STREET EXIT RAMP FROM EB I-290**

SCALE: 1" = 300' SHEET 4 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	181
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

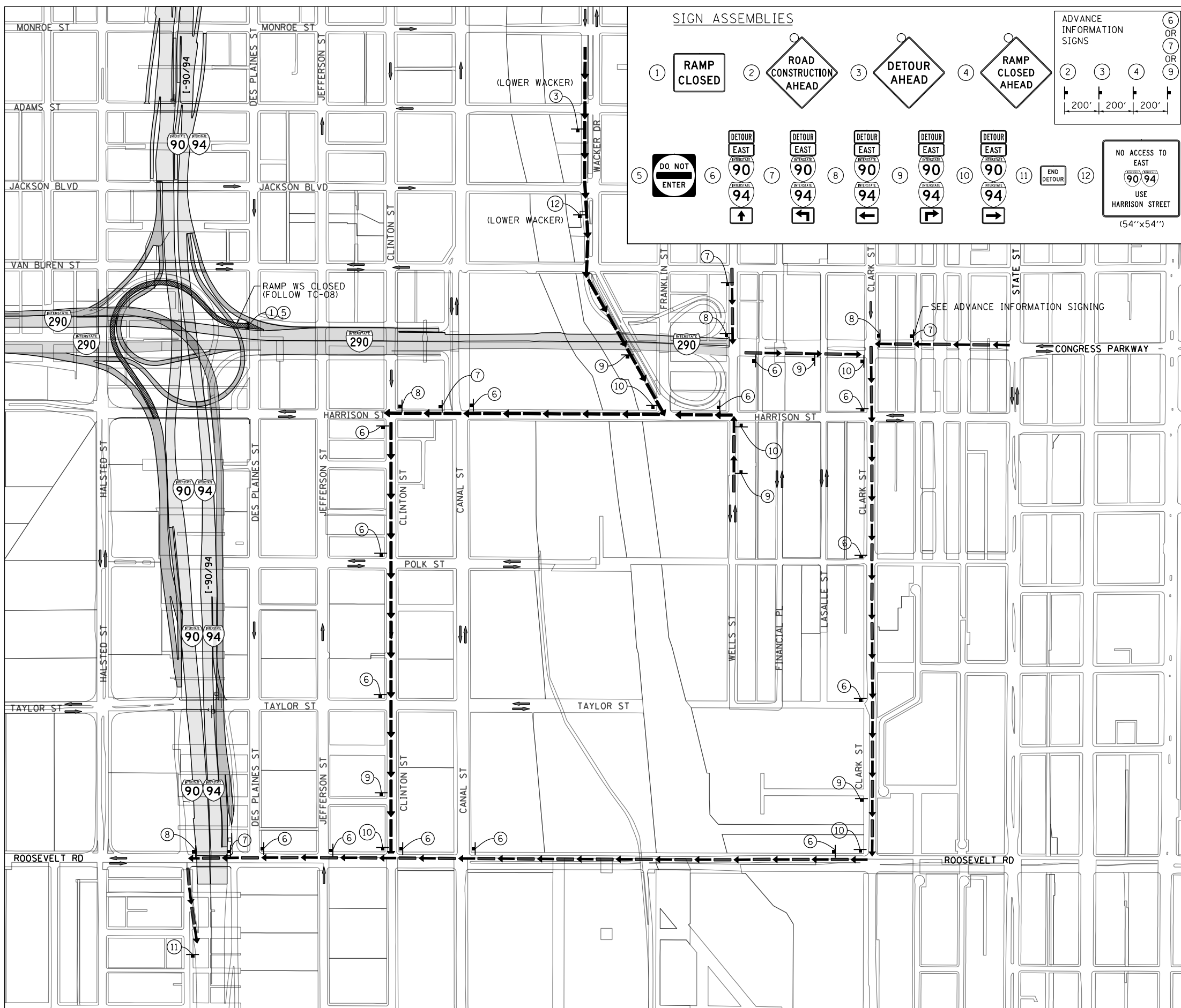


D160X93-sht-Detour-04-Taylor EXT FRM EB I-290.dgn  
 USER NAME = PATELP2  
 PLOT SCALE = 600.0000' / in.  
 PLOT DATE = 7/26/2018

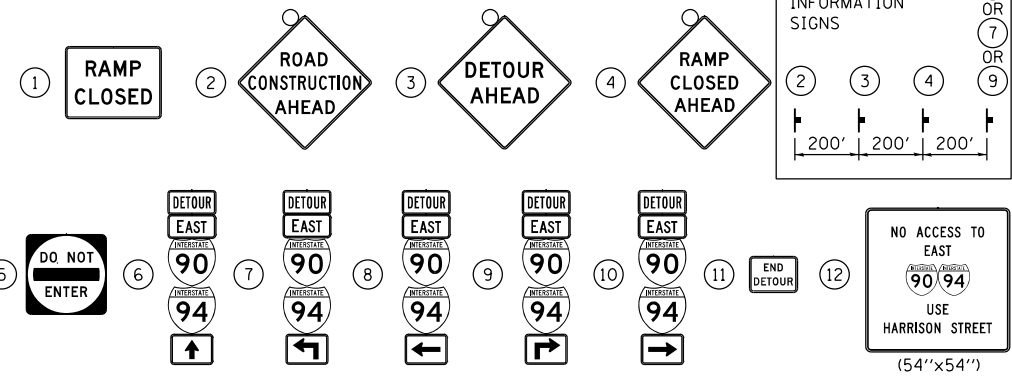
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DRAWN - PHP	REVISED -
CHECKED - MJE	REVISED -
DATE - 7/30/2018	REVISED -

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**SIGN ASSEMBLIES**

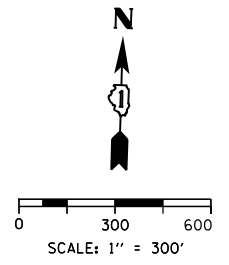


**TRAFFIC CONTROL NOTES**

1. DETOUR SIGNING MUST BE INSTALLED PRIOR TO CLOSURE OF THE RAMP WS.
2. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
3. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
4. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
6. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
7. THIS DETOUR CAN ONLY BE USED DURING SPECIFIED TIMES. REFER TO THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

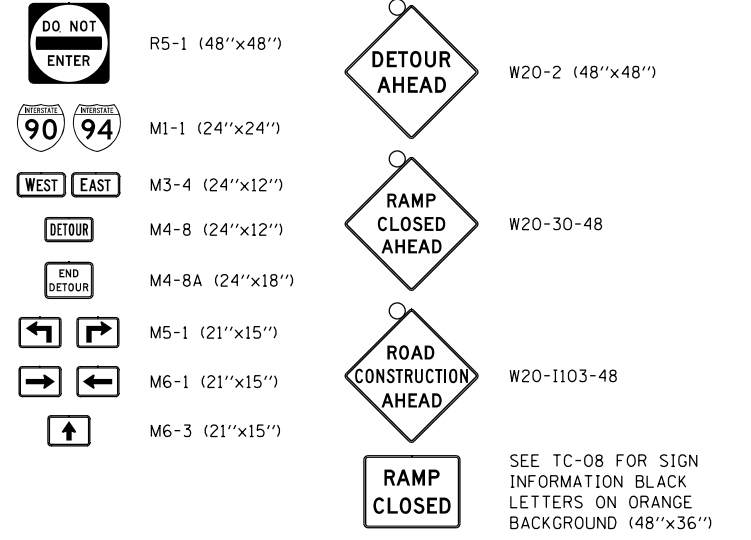
**LEGEND**

- SUGGESTED PRIMARY ROUTE
- TEMPORARY SIGN
- EXISTING SIGN
- EXISTING POLE
- SIGN BARRICADE TYPE III
- TWO-WAY STREET
- ONE-WAY STREET
- RAMP CLOSURE



**DETOUR SIGNS TYPE & SIZE**

(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)



D160x93-sht-Detour-05-Ramp SW Closed.dgn  
 USER NAME = PATELP2  
 PLOT SCALE = 600.0000' / in.  
 PLOT DATE = 7/26/2018

DESIGNED - MSC  
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 CHECKED - MJE  
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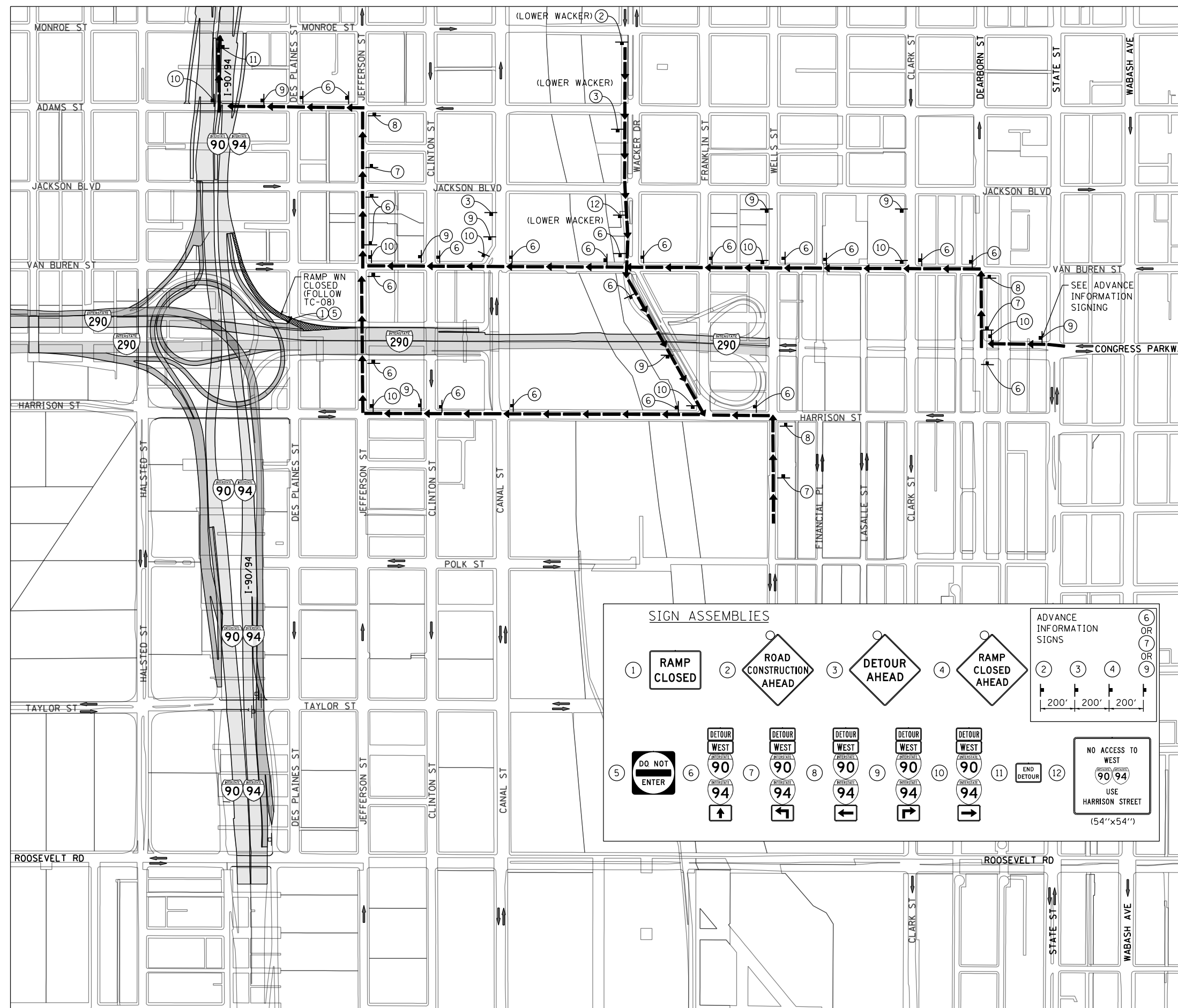
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
 RAMP WS**

SCALE: 1" = 300' SHEET 5 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	182
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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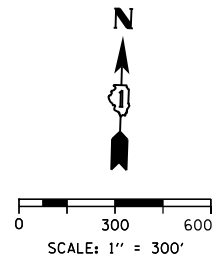


**TRAFFIC CONTROL NOTES**

1. DETOUR SIGNING MUST BE INSTALLED PRIOR TO CLOSURE OF THE RAMP WN.
2. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
3. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
4. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
6. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
7. THIS DETOUR CAN ONLY BE USED DURING SPECIFIED TIMES. REFER TO THE SPECIAL PROVISIONS FOR ADDITIONAL INFORMATION.

**LEGEND**

- SUGGESTED PRIMARY ROUTE
- TEMPORARY SIGN
- EXISTING SIGN
- EXISTING POLE
- SIGN BARRICADE TYPE III
- TWO-WAY STREET
- ONE-WAY STREET
- RAMP CLOSURE



**DETOUR SIGNS TYPE & SIZE**

(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

	R5-1 (48"x48")		W20-2 (48"x48")
	M1-1 (24"x24")		W20-30-48
	M3-4 (24"x12")		W20-1103-48
	M4-8 (24"x12")		SEE TC-08 FOR SIGN INFORMATION BLACK LETTERS ON ORANGE BACKGROUND (48"x36")
	M4-8A (24"x18")		
	M5-1 (21"x15")		
	M6-1 (21"x15")		
	M6-3 (21"x15")		

**SIGN ASSEMBLIES**

**ADVANCE INFORMATION SIGNS**



D160X93-sht-Detour-06-Ramp WN.dgn  
 USER NAME = PATELP2  
 PLOT SCALE = 600.0000' / in.  
 PLOT DATE = 7/26/2018

DESIGNED - MSC  
 DRAWN - PHP  
 CHECKED - MJE  
 DATE - 7/30/2018

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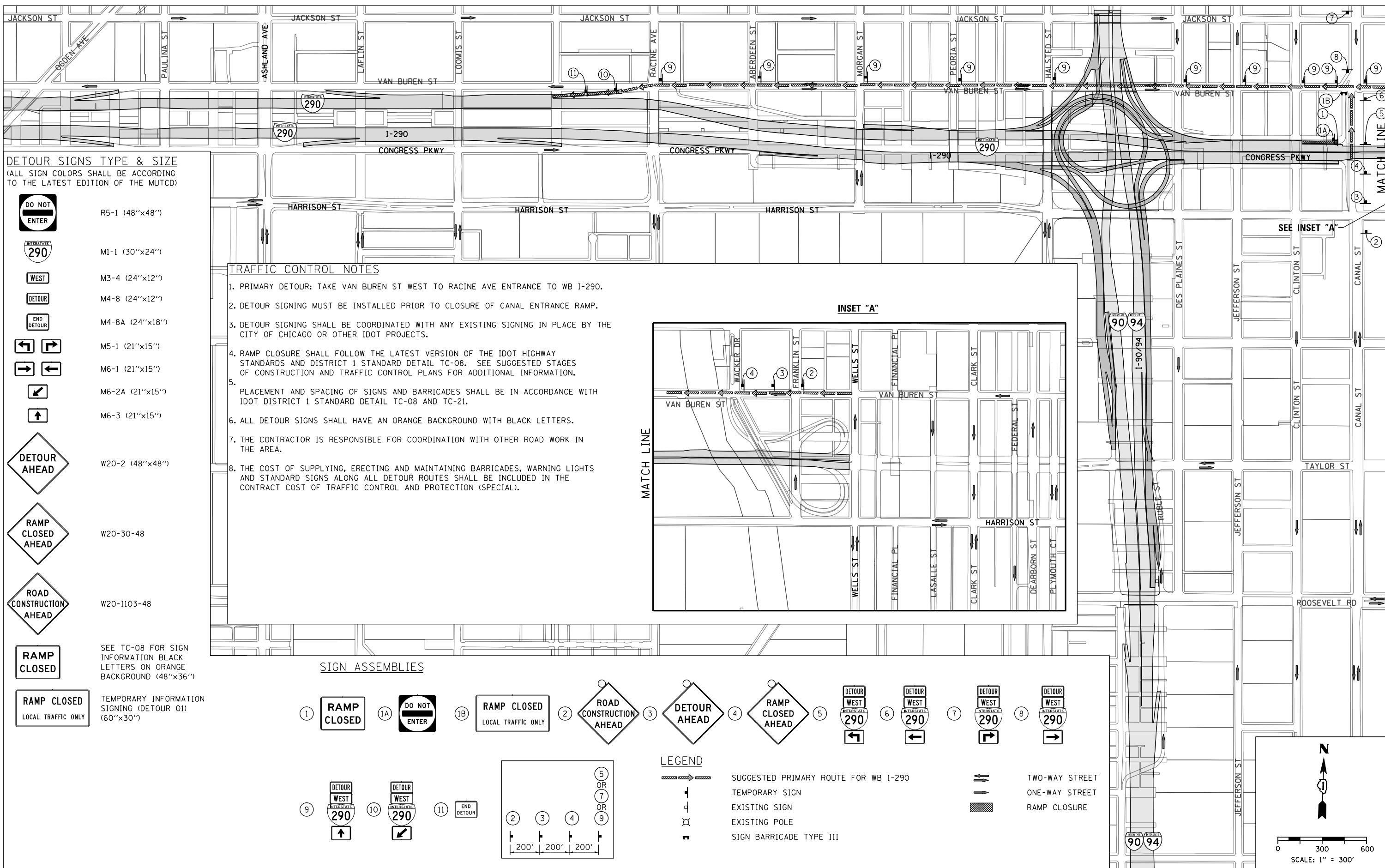
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
 RAMP WN**

SCALE: 1" = 300' SHEET 6 OF 10 SHEETS STA. TO STA.

F.A.I. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	183
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

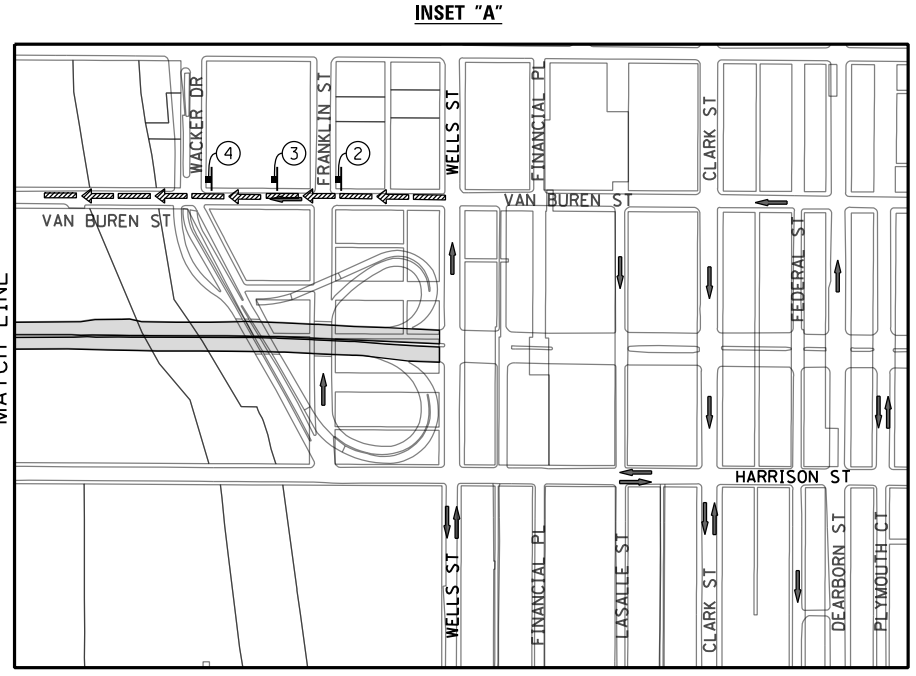
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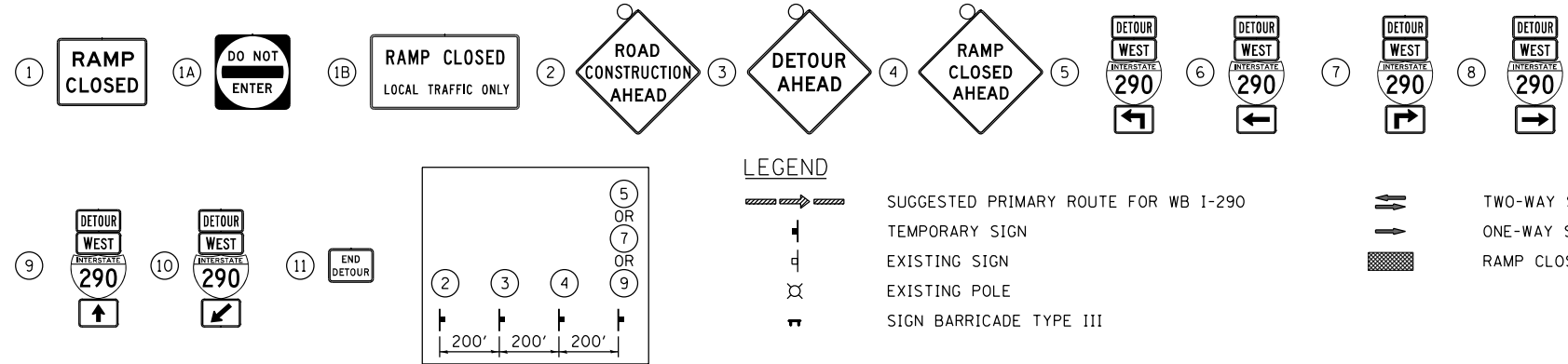
**DETOUR SIGNS TYPE & SIZE**  
(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

- R5-1 (48"x48")
- M1-1 (30"x24")
- M3-4 (24"x12")
- M4-8 (24"x12")
- M4-8A (24"x18")
- M5-1 (21"x15")
- M6-1 (21"x15")
- M6-2A (21"x15")
- M6-3 (21"x15")
- W20-2 (48"x48")
- W20-30-48
- W20-1103-48
- SEE TC-08 FOR SIGN INFORMATION BLACK LETTERS ON ORANGE BACKGROUND (48"x36")
- TEMPORARY INFORMATION SIGNING (DETOUR 01) (60"x30")

- TRAFFIC CONTROL NOTES**
- PRIMARY DETOUR: TAKE VAN BUREN ST WEST TO RACINE AVE ENTRANCE TO WB I-290.
  - DETOUR SIGNING MUST BE INSTALLED PRIOR TO CLOSURE OF CANAL ENTRANCE RAMP.
  - DETOUR SIGNING SHALL BE COORDINATED WITH ANY EXISTING SIGNING IN PLACE BY THE CITY OF CHICAGO OR OTHER IDOT PROJECTS.
  - RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
  - PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
  - ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
  - THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
  - THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).



**SIGN ASSEMBLIES**



D160X93-Sht-Detour-07-Canal St Entrance Ramp.dgn  
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 PLOT SCALE = 600.0000' / in.  
 PLOT DATE = 7/26/2018

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 CHECKED - MJE  
 DATE - 7/30/2018

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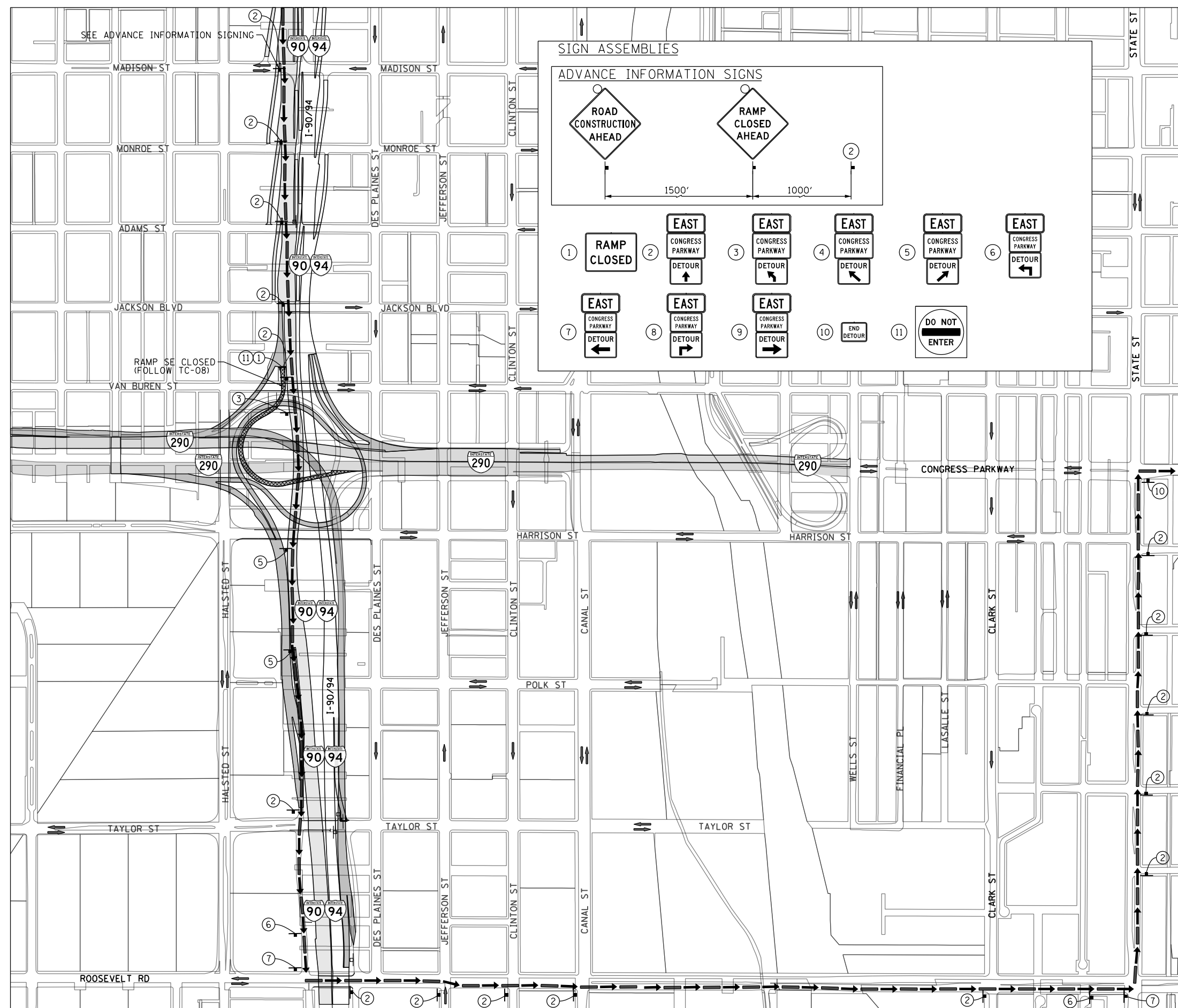
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
 CANAL STREET ENTRANCE RAMP**

SCALE: 1" = 300' SHEET 7 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	184
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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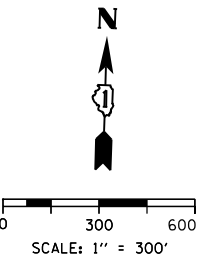


**TRAFFIC CONTROL NOTES**

1. DETOUR SIGNING MUST BE INSTALLED/MAINTAINED DURING CLOSURE OF RAMP SE.
2. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
3. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
4. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
6. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
7. DETOUR SIGNING SHALL REMAIN IN PLACE UNTIL CHANGE IN DETOUR ROUTE.

**LEGEND**

- SUGGESTED PRIMARY ROUTE
- TEMPORARY SIGN
- EXISTING SIGN
- EXISTING POLE
- SIGN BARRICADE TYPE III
- TWO-WAY STREET
- ONE-WAY STREET
- RAMP CLOSURE



**DETOUR SIGNS TYPE & SIZE**

(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

- EAST M3-2 (36"x18")
  - END DETOUR M4-8A (24"x18")
  - DETOUR (Left/Right) M4-9L (30"x24")
  - DETOUR (Up/Down) M4-9R (30"x24")
  - DETOUR (Four-way) M4-9 (30"x24")
  - RAMP CLOSED AHEAD W20-30-48
  - ROAD CONSTRUCTION AHEAD W20-1103-48
  - RAMP CLOSED SEE TC-08 FOR SIGN INFORMATION  
BLACK LETTERS ON ORANGE BACKGROUND (48"x36")
  - DO NOT ENTER R5-1-4848
  - \* CONGRESS PARKWAY CUSTOM SPECIAL - LOCAL ROAD  
BLACK LETTERS ON ORANGE BACKGROUND (30"x18")
  - \* CONGRESS PARKWAY CUSTOM SPECIAL - INTERSTATE  
BLACK LETTERS ON ORANGE BACKGROUND (36"x24")
- \* TO BE PAID FOR AS TEMPORARY INFORMATION SIGNING



D160X93-sht-Detour-88-ALT Detour RampSE.dgn  
 USER NAME = PATELP2  
 PLOT SCALE = 600.0000' / in.  
 PLOT DATE = 7/26/2018

DESIGNED - MSC  
 DRAWN - PHP  
 CHECKED - MJE  
 DATE - 7/30/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

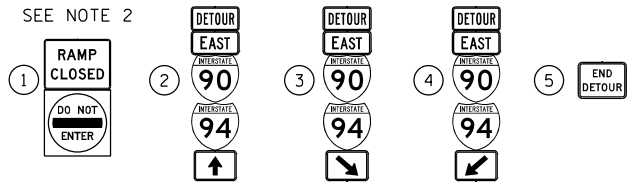
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**ALTERNATE DETOUR PLAN**  
**RAMP SE - WHILE SB TAYLOR EXIT RAMP OPEN**

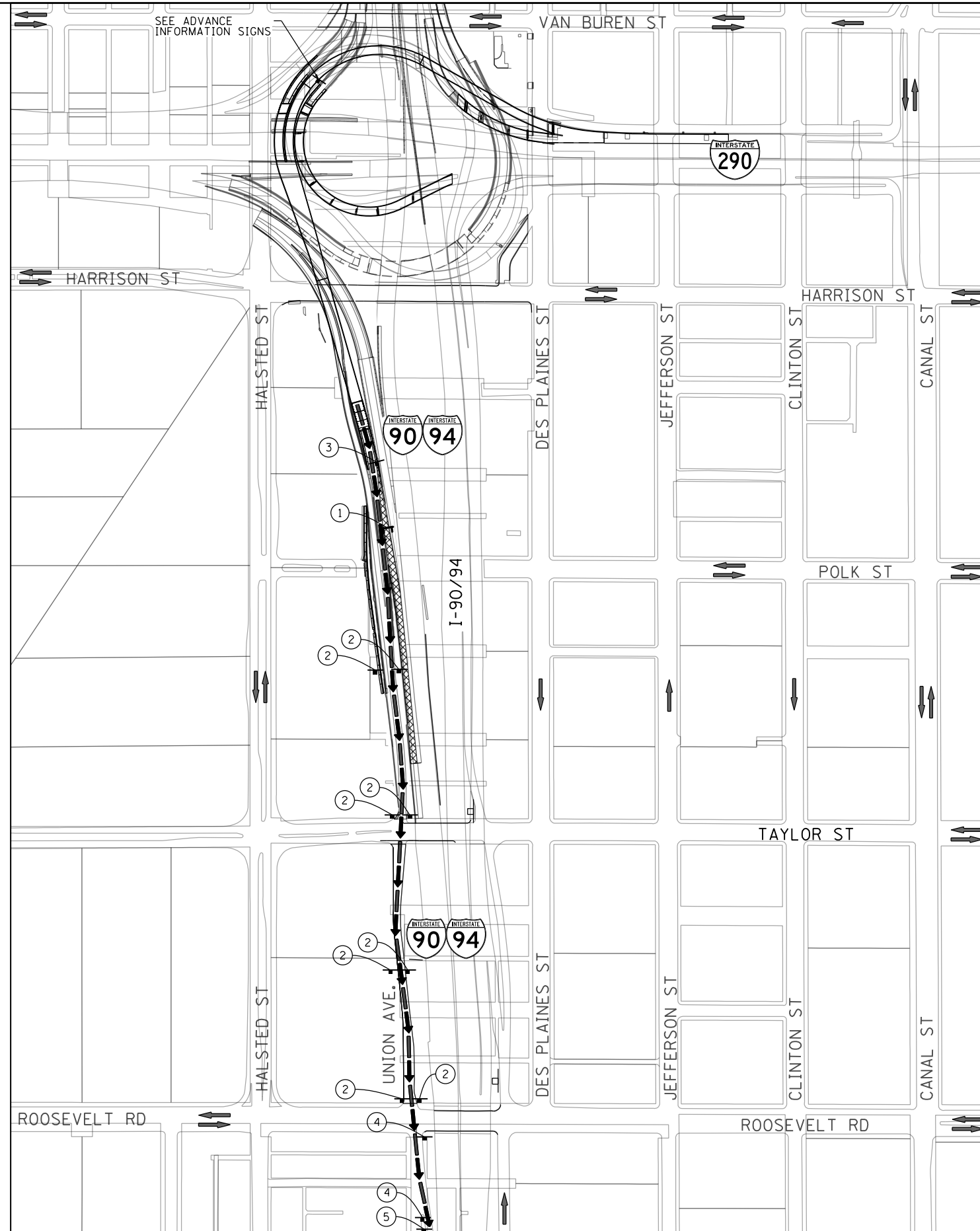
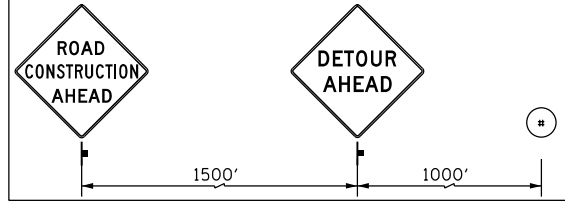
SCALE: 1" = 300' SHEET 8 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	185
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

**SIGN ASSEMBLIES**



**ADVANCE INFORMATION SIGNS**

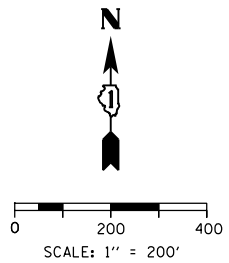


**TRAFFIC CONTROL NOTES**

1. PRIMARY DETOUR ROUTE: AT CLOSED RAMP WS ENTRANCE TO I-90//94, TRAFFIC DIVERTED TO RAMP SB TAYLOR EXIT RAMP. PROCEED SB ALONG UNION AVENUE THROUGH TAYLOR STREET AND ROOSEVELT ROAD. ENTER AT I-90/94 ENTRANCE RAMP.
2. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT DISTRICT 1 STANDARD DETAIL TC-08. SEE SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLANS FOR ADDITIONAL INFORMATION.
3. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH IDOT DISTRICT 1 STANDARD DETAIL TC-08 AND TC-21.
4. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
5. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
6. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND STANDARD SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL), FOR SIGNS ALONG LOCAL ROADS AND TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) FOR SIGNS ALONG EXPRESSWAYS.
7. COORDINATE DETOUR ROUTE SIGNAGE WITH DETOUR ROUTES INSTALLED BY OTHERS UNDER CONTRACT 60X79 AND 62A77.

**LEGEND**

- SUGGESTED PRIMARY ROUTE
- TEMPORARY SIGN
- EXISTING SIGN
- EXISTING POLE
- SIGN BARRICADE TYPE III
- TWO-WAY STREET
- ONE-WAY STREET
- RAMP OR ROAD CLOSURE



**DETOUR SIGNS TYPE & SIZE**

(ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

- EAST M3-2 (24"x12")
- END DETOUR M4-8A (24"x18")
- DETOUR M4-8 (24"x12")
- M6-2 (21"x15")
- M6-3 (21"x15")
- M1-1 (24"x24")
- SEE TC-08 FOR SIGN INFORMATION  
BLACK LETTERS ON ORANGE BACKGROUND  
(48"x36")
- R5-1 (48"x48")

- \* TO BE PAID FOR AS TEMPORARY INFORMATION SIGNING
- \*\* TO BE ATTACHED TO OVERHEAD SIGN

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D160X93-sht-Detour-09-Ramp WS at Completion.dgn  
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 PLOT DATE = 7/26/2018

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 DATE - 7/30/2018

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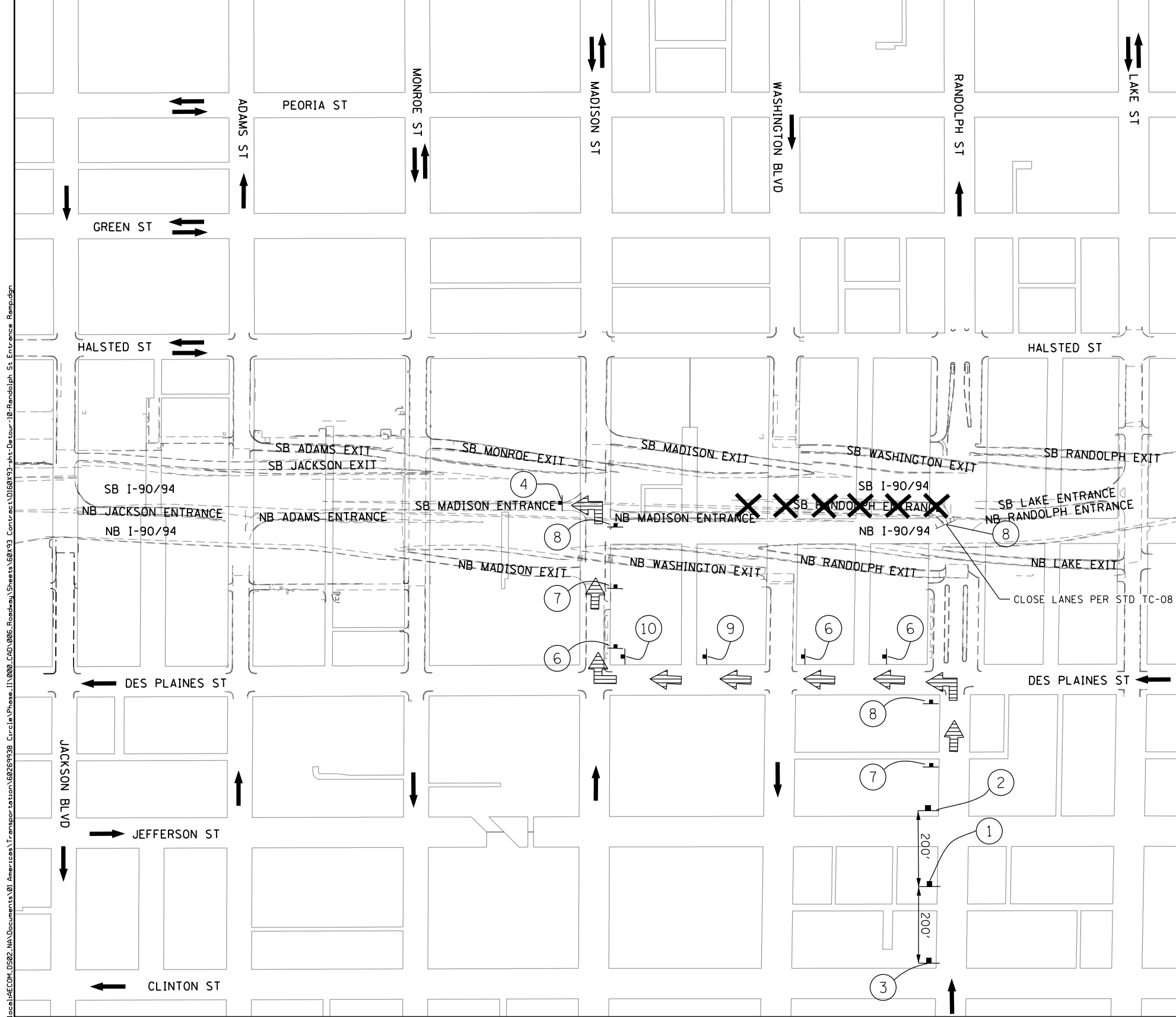
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**DETOUR PLAN  
 RAMP WS CLOSURE AT PROJECT COMPLETION**

SCALE: 1" = 200' SHEET 9 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	186
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				





**LEGEND**

- TEMPORARY SIGN
- SIGN BARRICADE TYPE III
- DIRECTION OF TRAFFIC
- SOUTHBOUND RANDOLPH ST ENTRANCE DETOUR ROUTE
- CLOSURE AREA

SCALE: 1" = 150'

**DETOUR SIGNS TYPE & SIZE**  
 (ALL SIGN COLORS SHALL BE ACCORDING TO THE LATEST EDITION OF THE MUTCD)

W20-2 (48"x48")	W20-30-48 48"x48"	W20-1103-48 48"x48"	R11-2 48"x30"	M4-8A 24"x18"	M3-2 24" X 12"
M5-1R 30"x24"	M5-1L 30"x24"	M5-1 (21"x15")	M6-3 (21"x15")	M6-1 (21"x15")	M1-1 (24"x24")

**SIGN ASSEMBLIES**

- TRAFFIC CONTROL NOTES**
1. THE PROPOSED DETOUR SIGNING SHALL BE INSTALLED PRIOR TO ANY CLOSURE OF THE SB RANDOLPH STREET ENTRANCE RAMP. SEE THE STAGING AND INTERCHANGE RESTRICTIONS SPECIAL PROVISION FOR USE AND RESTRICTIONS OF THE CLOSURE. DETOUR SIGNING SHALL BE COVERED WHILE THE ENTRANCE RAMP IS OPEN TO TRAFFIC.
  2. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATION WITH OTHER ROAD WORK IN THE AREA.
  3. ANY EXISTING SIGNS THAT CONTRADICT THE DETOUR SIGNAGE AS SHOWN ON THE PLANS SHALL BE COVERED PRIOR TO OPENING THE DETOUR ROUTE. THIS WORK SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY. THE SIGN COVERS SHALL BE REMOVED AT THE SAME TIME AS THE DETOUR ROUTE SIGNS ARE REMOVED OR COVERED.
  4. ALL SIGNAGE SHALL BE IN ACCORDANCE WITH THE LATEST ILLINOIS STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, "THE QUALITY STANDARD FOR WORK ZONE TRAFFIC CONTROL DEVICES", THE DETAILS OF THESE PLANS, THE "2009 MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES", THE SPECIAL PROVISION FOR "TRAFFIC CONTROL AND PROTECTION (ARTERIALS)" AND HIGHWAY STANDARDS 701901.
  5. THE SIGNAGE SHOWN ON THE PLANS IS DEEMED TO BE THE MINIMUM REQUIRED. THE CONTRACTOR SHALL MAKE ALL CHANGES DEEMED NECESSARY BY THE ENGINEER. ADDITIONS AND DELETIONS OF TRAFFIC CONTROL FOR THIS DETOUR SHALL BE CONSIDERED INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (SPECIAL)" AND WILL NOT BE PAID FOR SEPARATELY.
  6. ALL SIGNS SHOWN SHALL BE FURNISHED, ERECTED, AND MAINTAINED BY THE CONTRACTOR. WHEN SIGNS ARE POST-MOUNTED IN THE GROUND THEY SHALL BE INSTALLED PER ARTICLE 701.14 OF THE STANDARD SPECIFICATIONS AND STANDARD 701901 UNLESS OTHERWISE APPROVED BY THE ENGINEER.
  7. RAMP CLOSURE SHALL FOLLOW THE LATEST VERSION OF THE IDOT HIGHWAY STANDARDS AND DISTRICT 1 STANDARD DETAIL TC-08.

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D160x93-sht-Detour-10-Randolph St Entrance Ramp.dgn  
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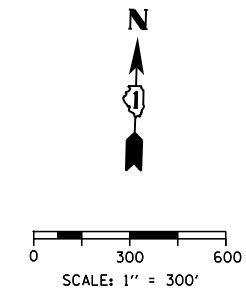
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DRAWN - PHP	REVISED -
CHECKED - MJE	REVISED -
DATE - 7/30/2018	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

DETOUR PLAN  
 SOUTHBOUND RANDOLPH STREET ENTRANCE RAMP

SCALE: SHEET 10 OF 10 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	186A
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

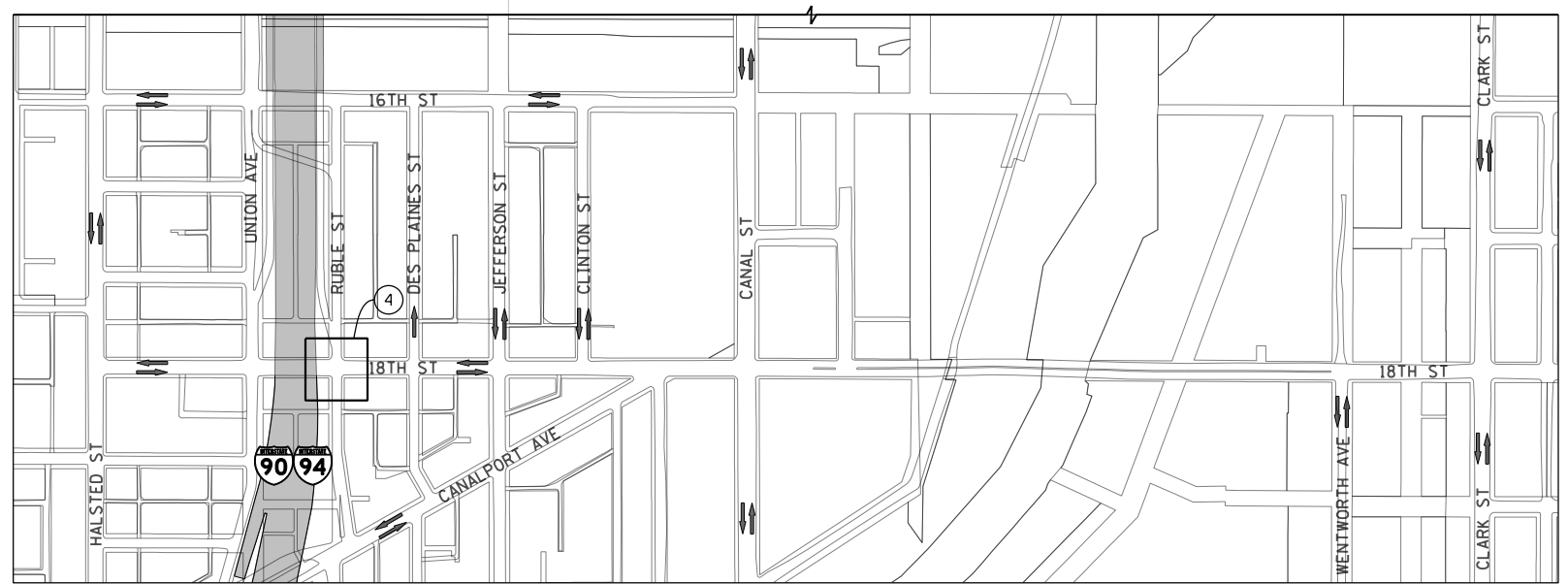
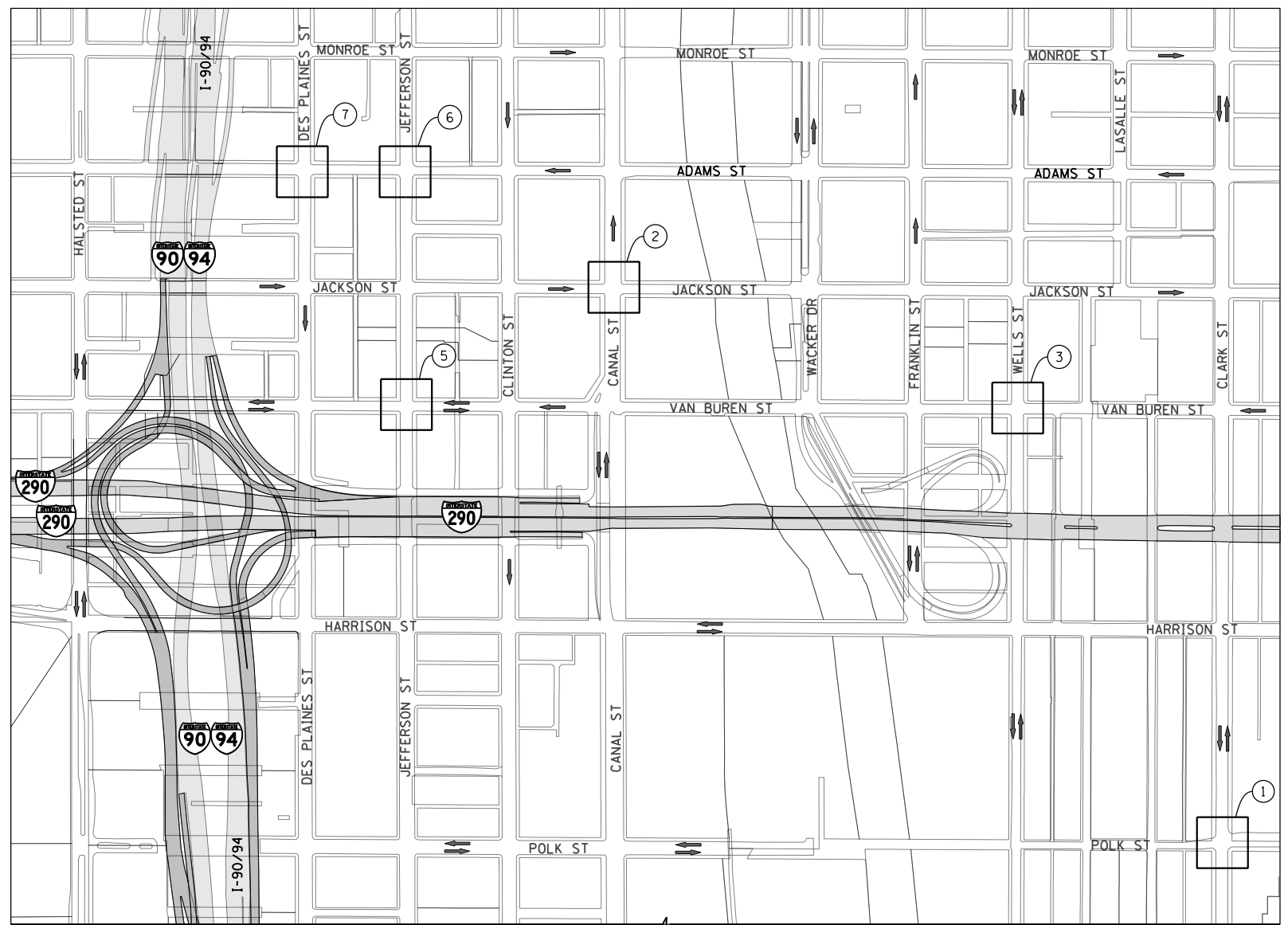


**LEGEND**

- TWO-WAY STREET
- ONE-WAY STREET
- AREA OF TEMPORARY PAVEMENT MARKING IMPROVEMENTS

**DETOUR PAVEMENT MARKING NOTES**

1. CLARK STREET AND POLK STREET INTERSECTION  
COORDINATE SIGNAGE FOR PARKING RESTRICTIONS WITH THE CITY OF CHICAGO.
2. JACKSON BOULEVARD AND CANAL STREET INTERSECTION  
ON THE EASTBOUND APPROACH, ADD STRIPING AND SYMBOLS TO IDENTIFY A 7' WIDE TAXI LANE AND PLACE LETTERS AND SYMBOLS TO IDENTIFY THAT THE LEFT LANE IS A SHARED LEFT/THROUGH MOVEMENT.
3. VAN BUREN STREET AND WELLS STREET INTERSECTION  
COORDINATE SIGNAGE FOR PARKING RESTRICTIONS WITH THE CITY OF CHICAGO.
4. 18TH STREET AND RUBLE STREET INTERSECTION  
REVISE STRIPING TO ACCOMMODATE THE 18TH STREET EASTBOUND LEFT TURN MOVEMENTS DURING THE TAYLOR EXIT RAMP DETOUR BY RESTRIPING TO ONE THROUGH LANE AND ONE DEDICATED LEFT TURN LANE.
5. VAN BUREN STREET AND WELLS STREET INTERSECTION  
ON THE WESTBOUND APPROACH, STRIP AS ONE 10' THROUGH LANE AND ONE DEDICATED RIGHT TURNING LANE, INCLUDING LETTERS AND SYMBOLS.
6. ADAMS STREET AND JEFFERSON STREET INTERSECTION  
REVISE STRIPING TO ACCOMMODATE THE NORTHBOUND LEFT TURN MOVEMENTS BY RESTRIPING TO DUAL LEFT TURNING LANES AND ONE THROUGH LANE.
7. ADAMS STREET AND DES PLAINES STREET INTERSECTION  
REVISE STRIPING TO ACCOMMODATE THE ADAMS WESTBOUND THROUGH MOVEMENTS BY RESTRIPING TO THREE THROUGH LANES. RESTRICT PARKING ON THE NORTH SIDE DURING THE PM PEAK PERIOD.



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D160X93-SHT-STAGING-LR-PMK-01.dgn  
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 PLOT SCALE = 600.0000' / 1" = 600'  
 PLOT DATE = 7/26/2018

DESIGNED - MSC	REVISED -
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DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

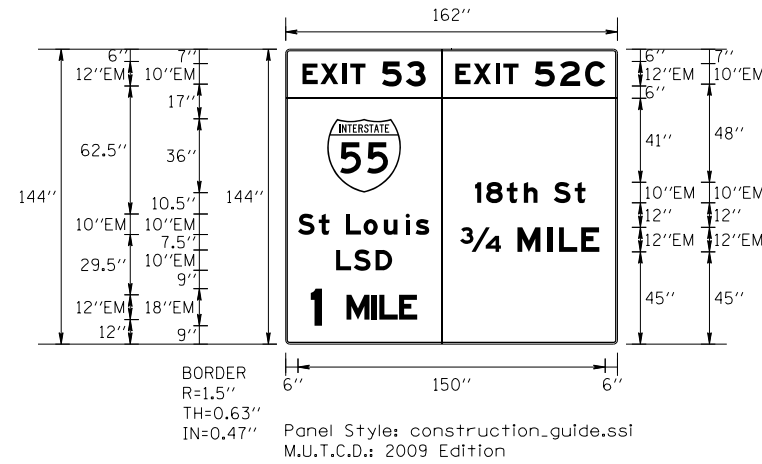
**SUGGESTED STAGES OF CONTRSCTION AND TRAFFIC CONTROL PLAN  
LOCAL ROAD PAVEMENT MARKINGS**

SCALE: 1" = 300' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	187
<b>CONTRACT NO. 60X93</b>				
ILLINOIS FED. AID PROJECT				

SIGN DETAIL

1:100



Panel Style: construction\_guide.ssi

Dimensions are in inches.tenths

Letter locations are string start to lower left corner

SIGN NUMBER	TC-SIGN-XX
WIDTH x HGHT.	13'-6" x 12'-0"
BORDER WIDTH	0.63"
CORNER RADIUS	1.5"
MOUNTING	Ground
BACKGROUND	TYPE: ZZ Retro Reflective
	COLOR: Orange
LEGEND/BORDER	TYPE: ZZ Retro Reflective
	COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT
MI_1	0	20.3	74	36	36

LETTER POSITIONS (X)													LENGTH	SERIES/SIZE	
	E	X	I	T	5	3								EM 2000	
8.2	0	8.8	19.6	23.4	0	11.6								60.2	10,12
	E	X	I	T	5	2	C								EM 2000
82.9	0	8.8	19.6	23.4	0	12.4	24.6							73.1	10,12
	1	8	+	h	S	+									EM 2000
92.5	0	5.4	15.5	23.9	0	10.2								53.9	10/7.5
	S	+	L	o	u	i	s								EM 2000
6	0	10.2	0	8.7	18.6	29.2	34.1							64.1	10/7.5
	3/4	M	I	L	E										EM 2000
85.2	0	0	14.5	20.3	31.1									67.9	12
	L	S	D												EM 2000
24.6	0	8.7	19.3											27.4	10
	1	M	I	L	E										EM 2000
12.3	0	0	12.4	16.1	25.7									52	18,12

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 PLOT SCALE = 2.0000 ' / in.  
 PLOT DATE = 7/26/2018

DESIGNED - APA  
 DRAWN - APA  
 CHECKED - OPS  
 DATE - 7/30/2018

REVISED -  
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 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

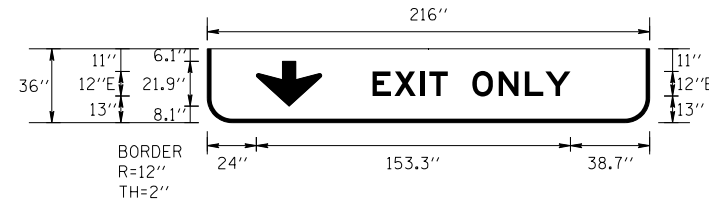
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
 TEMPORARY INFORMATION SIGNING

SCALE: NTS SHEET 1 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	188
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

SIGN DETAIL

1:100



Panel Style: bottom\_center.bsi  
M.U.T.C.D.: 2009 Edition

Panel Style: bottom\_center.bsi  
Dimensions are in inches.tenths

Letter locations are string start to lower left corner

SIGN NUMBER	TC-SIGN-XX
WIDTH x HGHT.	18'-0" x 3'-0"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Overhead
BACKGROUND	TYPE: Reflective
	COLOR: Orange
LEGEND/BORDER	TYPE: Reflective
	COLOR: Black/Black

SYMBOL	ROT	X	Y	WID	HT
AROUND	0	24	8.1	31.9	21.9

LETTER POSITIONS (X)													LENGTH	SERIES/SIZE		
	E	X	I	T											E 2000	
80.7	0	10.7	23.5	27.7											36.7	12
	O	N	L	Y												E 2000
129.4	0	12.8	25.7	35.6											47.9	12

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PLOT DATE = 7/26/2018

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DRAWN - APA  
CHECKED - OPS  
DATE - 7/30/2018

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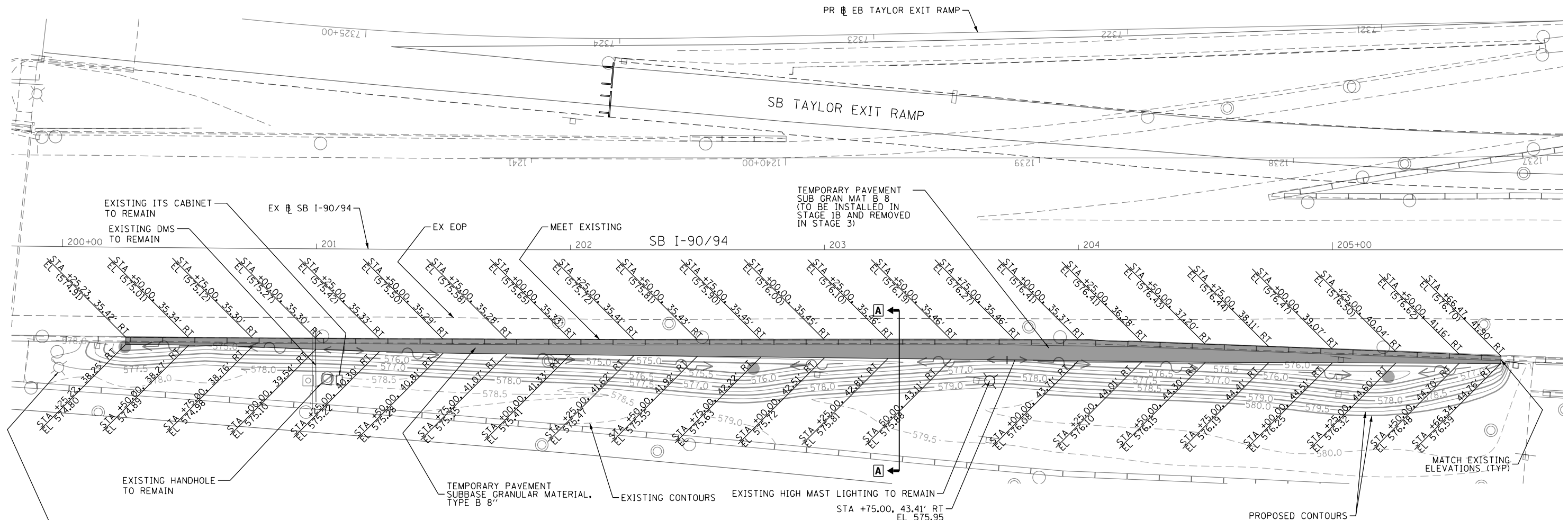
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL  
TEMPORARY INFORMATION SIGNING

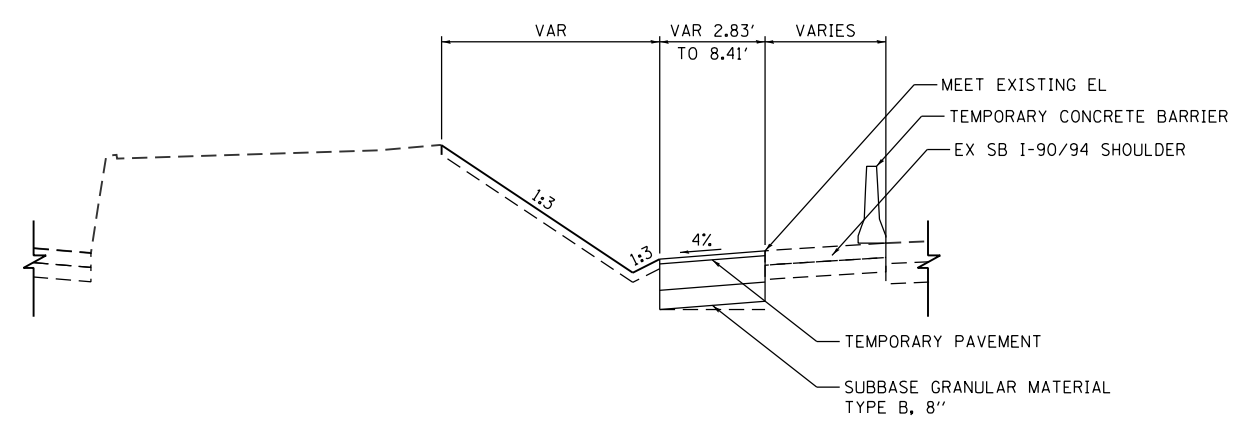
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	189
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

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**TEMPORARY PAVEMENT  
DETAIL A**  
SCALE: NONE

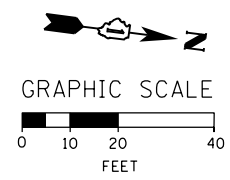


**SECTION A-A  
(LOOKING SOUTH)**  
SCALE: NONE

- NOTES:**
- UNLESS NOTED OTHERWISE ALL PAVEMENT ALL STATION AND OFFSETS SHOWN ON THIS SHEET REFER TO EX SB I-90/94 ALIGNMENT.
  - SEE TYPICAL SECTION SHT 53 FOR TEMPORARY PAVEMENT INFORMATION.
  - SEE EROSION AND SEDIMENT CONTROL PLAN - STAGE 1 (SHT 327) FOR TEMPORARY DRAINAGE INFORMATION.

**LEGEND:**

(599.00)	EXISTING ELEVATION
592.00	PROPOSED ELEVATION
	TEMPORARY PAVEMENT
	SUB GRAN MAT B 8
	PROPOSED CONTOUR
	EXISTING CONTOUR



D160X93-SHT-STAGING-DETAIL-A.dgn  
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PLOT SCALE = 40.0000' / in.  
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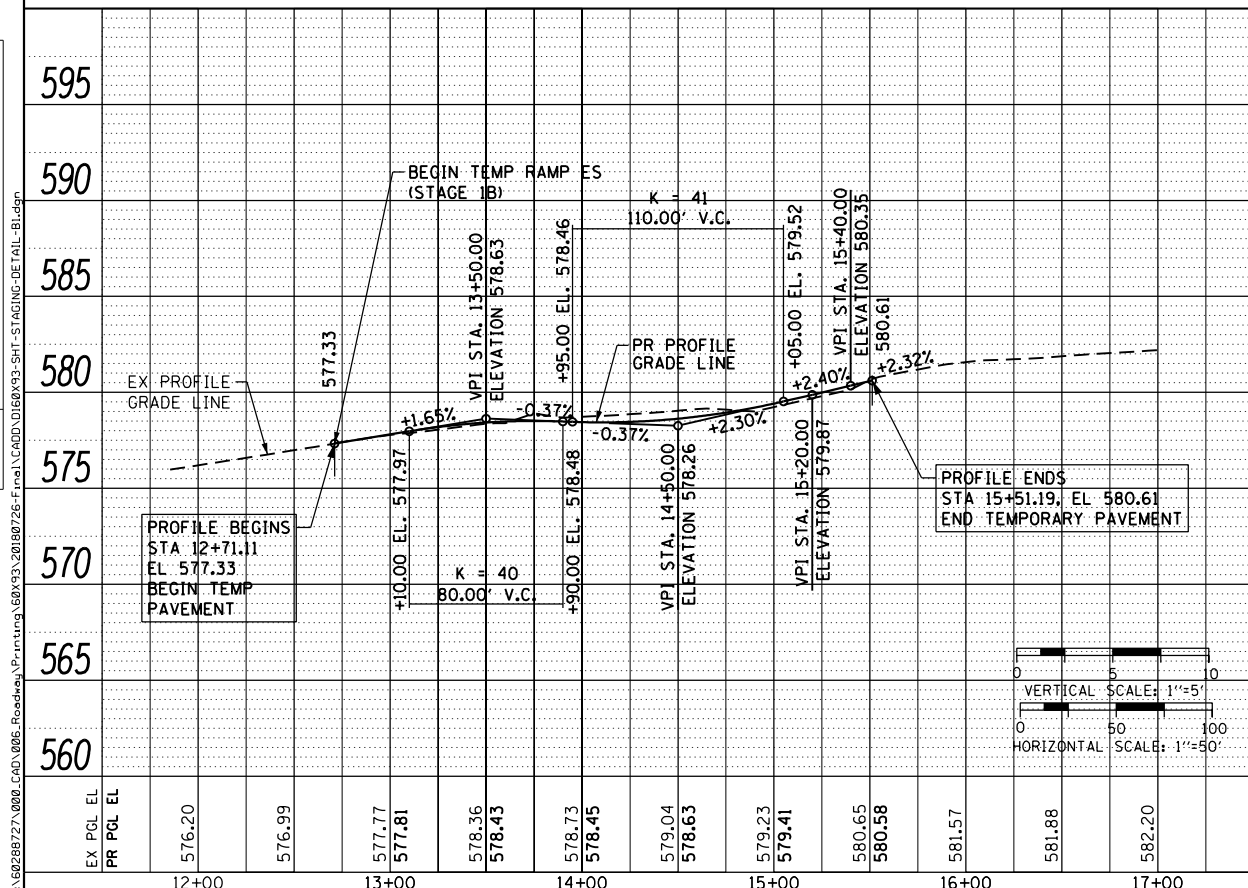
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
TEMPORARY PAVEMENT DETAILS (STAGE 1B)**  
SCALE: 1" = 20' SHEET 1 OF 4 SHEETS STA. 200+00 TO STA. 206+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	190
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
PLAN	SURVEYED
	PLOTTED
	ALIGNED
	CHECKED
	DATE
	NO.
	NO.
	NO.
	NO.

DATE	
BY	
PROFILE	SURVEYED
	PLOTTED
	GRADES CHECKED
	STRUCTURE NOTATIONS CHECKED
	NO.
	NO.
	NO.
	NO.



EX PCL EL	576.20	576.99	577.77	577.81	578.36	578.43	578.73	578.45	579.04	578.63	579.23	579.41	580.65	580.58	581.57	581.88	582.20
PR PCL EL																	
STATION	12+00	13+00	14+00	15+00	16+00	17+00											

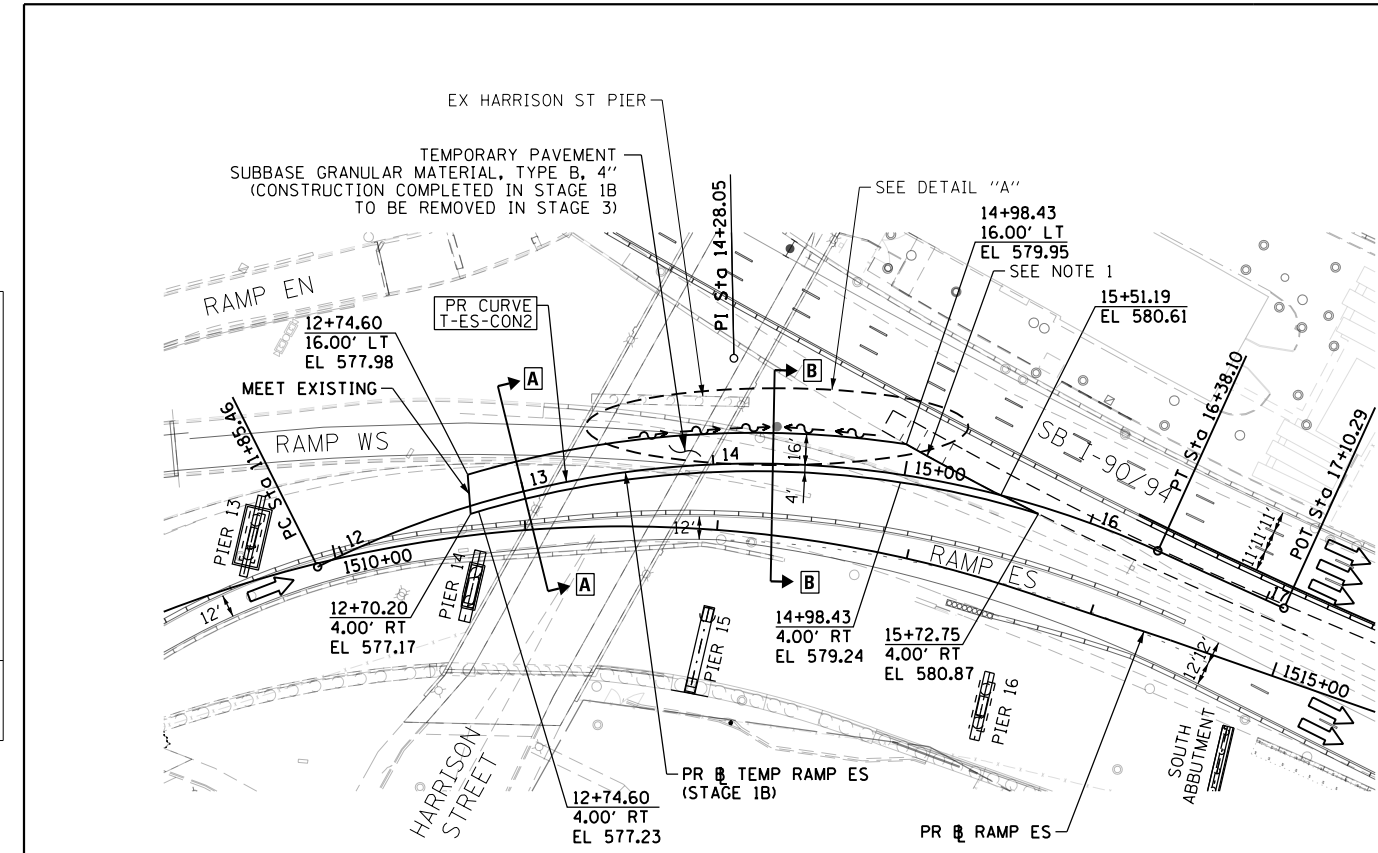
**AECOM**  
303 EAST WACKER DRIVE, SUITE 1400  
CHICAGO, IL 60601-5276  
PHONE: (312) 373-7700 FAX: (312) 373-6800

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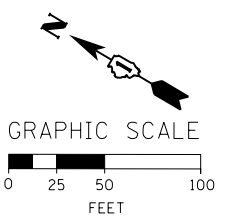
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN**  
**TEMPORARY PAVEMENT DETAILS (STAGE 1B)**  
SCALE: 1" = 50' SHEET 2 OF 4 SHEETS STA. 10+00 TO STA. 17+10.29

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-003R&B	COOK	1972	191
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



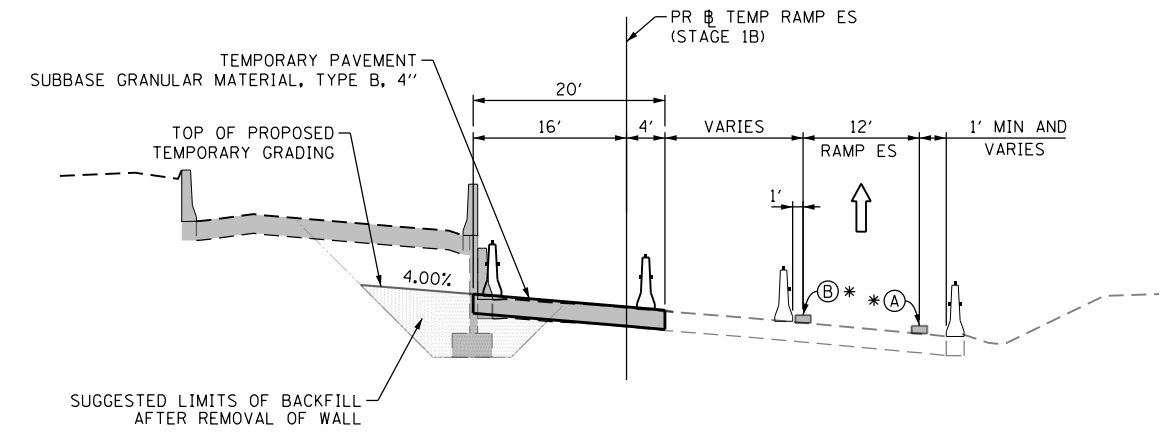
- NOTES:**
- CONTRACTOR SHALL VERIFY EXISTING ELEVATIONS AND CROSS SLOPES AND ADJUST THE RAMP ES TEMPORARY PAVEMENT TO MATCH PROPOSED TEMPORARY PAVEMENT ON SB I-90/94 ACCORDINGLY.
  - SEE EROSION AND SEDIMENT CONTROL PLAN - STAGE 1 (SHT 327) FOR TEMPORARY DRAINAGE INFORMATION.



POINT	DESCRIPTION	STATION	NORTHING	EASTING
PC	T-EC-CON2	11+85.46	1,897,658.8122	1,171,297.7378
PI	T-EC-CON2	14+28.05	1,897,527.7229	1,171,501.8494
PT	T-EC-CON2	16+38.10	1,897,286.5777	1,171,528.2103
POT		17+10.29	1,897,214.8156	1,171,536.0550

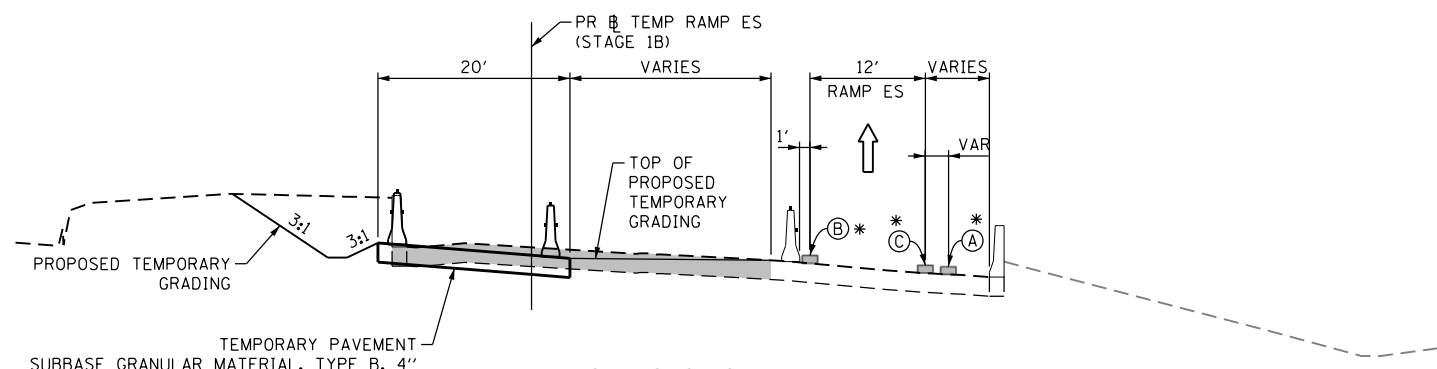
STATION TEMP BL RAMP ES	DESCRIPTION	CROSS SLOPE
12+74.60	MAINTAIN EXISTING CROSS SLOPE	4.00%
14+78.43	BEGIN SE TRANSITION	4.00%
14+98.43	END SE TRANSITION	3.55%

PROP. CURVE T-ES-CON2  
PI STA. = 14+28.05  
 $\Delta = 51^\circ 03' 04''$  (RT)  
 $D = 11^\circ 16' 43''$   
 $R = 508.00'$   
 $T = 242.58'$   
 $L = 452.63'$   
 $E = 54.95'$   
 $e = 4.00\%$   
 $T.R. = N/A$   
 $S.E. RUN = 20'$   
 $P.C. STA = 11+85.46$   
 $P.T. STA = 16+38.10$

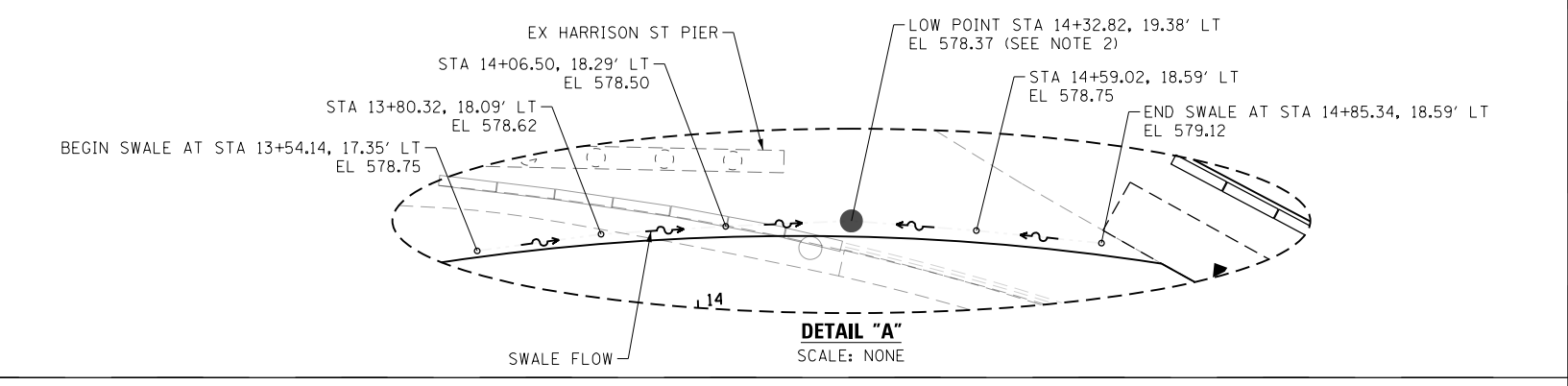


**TYPICAL SECTION A-A**  
SCALE: NONE

- LEGEND:**
- REMOVAL LIMITS
  - WORK ZONE
  - TYPE II BARRICADES OR DRUMS WITH STEADY BURN LIGHT
  - TEMPORARY CONCRETE BARRIER WITH BARRIER WALL REFLECTORS, TYPE C (2 EACH @ 25' SPACINGS PER STANDARD 704001)
  - FROM PREVIOUS STAGE TO REMAIN
- PROPOSED TEMP PAVEMENT MARKINGS**
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
  - (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
  - (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)



**TYPICAL SECTION B-B**  
SCALE: NONE



**DETAIL "A"**  
SCALE: NONE







**I-9094 I-9094 STAGE 1A:**

POINT	BASELINE	STATION	OFFSET	LT/RT	DESCRIPTION
1	PR RAMP ES	1509+00.00	7.41	RT	PC
2	PR RAMP ES	1510+63.56	2.23	LT	PT
3	PR RAMP ES	1511+22.91	2.90	LT	PC
4	PR RAMP ES	1514+67.99	7.18	LT	PT
5	PR RAMP ES	1516+78.70	20.08	RT	PC
6	PR RAMP ES	1512+00.97	5.07	RT	PCC
7	PR RAMP ES	1514+64.91	16.62	RT	PT
8	PR RAMP ES	1514+49.25	11.32	LT	PT AND END TEMP CONC BARRIER
9	EX SB I-90/94	7+61.86	0.44	RT	PC AND BEGIN TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
10	EX SB I-90/94	7+22.49	0.01	RT	PT AND END TEMP EPOXY PVT MK LINE 4 (SOLID WHITE) AND BEGIN TEMP EPOXY PVT MK LINE 8 (SOLID WHITE) AND BEGIN TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
11	EX SB I-90/94	5+27.99	1.88	LT	END TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE) AND BEGIN TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
12	EX SB I-90/94	209+85.52	0.36	LT	END TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
13	EX SB I-90/94	209+85.35	25.09	LT	END TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
14	EX SB I-90/94	7+61.63	33.44	RT	PC AND BEGIN TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
15	EX SB I-90/94	5+54.48	30.95	RT	PT
16	PR RAMP ES	1513+51.67	17.42'	RT	BEGIN TEMP CONC BARRIER
17	PR RAMP ES	1514+26.94	14.47'	RT	PI
18	PR RAMP ES	1516+24.98	39.35'	RT	END TEMP CONC BARRIER

**I-9094 STAGE 1B:**

POINT	BASELINE	STATION	OFFSET	LT/RT	DESCRIPTION
1	EX SB I-90/94	7+22.49	0.01	RT	PC AND BEGIN TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
2	EX SB I-90/94	5+54.26	2.05	LT	PT
3	EX SB I-90/94	209+85.52	0.36	LT	END TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)

**I-9094 STAGE 2:**

POINT	BASELINE	STATION	OFFSET	LT/RT	DESCRIPTION
1	PR RAMP ES	1509+25.31	13.03	RT	PT
2	PR RAMP ES	1509+89.80	1.80	RT	PC
3	PR RAMP ES	1514+22.88	42.18	LT	PT
4	PR RAMP ES	1514+94.18	35.39	LT	PC
5	PR RAMP ES	1515+73.53	29.34	LT	PCC
6	PR RAMP ES	1516+78.79	25.74	LT	PRC
7	PR RAMP ES	1513+59.87	56.78	LT	PC AND END TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW) AND BEGIN TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
8	PR RAMP ES	1514+95.26	47.34	LT	END TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
9	PR RAMP ES	1513+65.30	58.85	LT	PT AND END TEMP CONC BARRIER
10	EX SB I-90/94	7+69.93	0.49	RT	BEGIN TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
11	EX SB I-90/94	11+87.62	7.02	LT	PT
12	EX SB I-90/94	11+03.15	6.29	LT	END TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
13	EX SB I-90/94	11+53.09	11.01	LT	BEGIN TEMP CONC BARRIER TAPER
14	EX SB I-90/94	11+03.12	8.29	LT	END TEMP CONC BARRIER TAPER
15	EX SB I-90/94	5+54.48	30.95	RT	PCC AND BEGIN TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
16	EX NB I-90/94	11+82.68	22.10	LT	END TEMP CONC BARRIER
17	EX NB I-90/94	14+05.85	34.58	LT	BEGIN TEMP CONC BARRIER TAPER
18	EX NB I-90/94	14+43.33	33.27	LT	END TEMP CONC BARRIER TAPER
19	EX NB I-90/94	11+62.85	13.00	RT	PC AND BEGIN TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
20	EX NB I-90/94	12+61.47	10.61	RT	PT
21	EX NB I-90/94	15+13.34	1.63	LT	PC
22	EX NB I-90/94	14+07.95	8.62	RT	BEGIN TEMP CONC BARRIER TAPER
23	EX NB I-90/94	14+45.12	3.69	RT	END TEMP CONC BARRIER TAPER

**I-9094 STAGE 3:**

POINT	BASELINE	STATION	OFFSET	LT/RT	DESCRIPTION
1	PR RAMP ES	1509+59.05	29.25	RT	PC
2	PR RAMP ES	1511+05.26	16.00	RT	PT
3	PR RAMP ES	1511+64.67	13.49	RT	PC
4	PR RAMP ES	1513+71.30	5.46	RT	PT
5	PR RAMP ES	1513+48.58	6.64	LT	PT
6	PR RAMP ES	1515+71.64	13.89	LT	PC
7	PR RAMP ES	1516+80.79	15.70	LT	PT
8	EX SB I-90/94	5+54.24	4.05	LT	END TEMP CONC BARRIER
9	EX SB I-90/94	7+22.49	0.01	RT	PC AND BEGIN TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
10	EX SB I-90/94	6+33.50	1.57	LT	PC
11	EX SB I-90/94	5+54.26	2.05	LT	PCC AND END TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
12	EX SB I-90/94	4+51.41	1.47	RT	PCC
13	EX NB I-90/94	11+62.85	13.00	RT	BEGIN TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
14	EX NB I-90/94	15+36.91	13.00	RT	PC
15	EX NB I-90/94	16+22.29	13.91	RT	PT
16	EX NB I-90/94	13+30.93	19.17	RT	BEGIN REL TEMP CONC BARRIER TAPER
17	EX NB I-90/94	13+80.59	15.00	RT	END REL TEMP CONC BARRIER TAPER

**I-9094 STAGE 4:**

POINT	BASELINE	STATION	OFFSET	LT/RT	DESCRIPTION
1	PR RAMP ES	1509+34.18	15.00	LT	PT
2	PR RAMP ES	1509+71.12	16.05	LT	PC
3	PR RAMP ES	1511+10.52	20.05	LT	PCC
4	PR RAMP ES	1511+64.21	20.05	LT	PCC
5	PR RAMP ES	1512+10.80	18.99	LT	PCC
6	PR RAMP ES	1514+09.99	17.79	LT	PT
7	PR RAMP ES	1516+80.79	15.70	LT	END OF TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
8	PR RAMP ES	1513+71.30	5.46	RT	END OF TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)

**I-9094 STAGE 5:**

POINT	BASELINE	STATION	OFFSET	LT/RT	DESCRIPTION
1	PR EB TAYLOR EXIT RAMP	7311+30.57	12.00	LT	PT
2	PR EB TAYLOR EXIT RAMP	7312+65.57	12.00	LT	PC
3	PR EB TAYLOR EXIT RAMP	7313+83.54	12.00	LT	PT
4	PR EB TAYLOR EXIT RAMP	7315+02.89	12.00	LT	PC
5	PR EB TAYLOR EXIT RAMP	7316+23.18	12.00	LT	PT
6	PR RAMP ES	1510+51.72	17.00	RT	BEGIN REL TEMP CONC BARRIER TAPER
7	PR RAMP ES	1510+90.00	14.00	RT	END REL TEMP CONC BARRIER TAPER
8	PR RAMP ES	1513+66.60	12.00	LT	PT
9	PR RAMP ES	1517+08.27	14.69	LT	PC
10	PR RAMP ES	1518+09.30	14.94	LT	PT AND END TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
11	EX NB I-90/94	5+02.80	23.50	LT	PC AND BEGIN TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
12	EX NB I-90/94	8+97.43	24.00	LT	PT
13	EX NB I-90/94	12+55.94	24.00	LT	PC
14	EX NB I-90/94	14+14.06	28.00	LT	PCC
15	EX NB I-90/94	7+12.05	20.99	RT	PC AND BEGIN TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
16	EX NB I-90/94	8+73.64	20.02	RT	PT
17	EX NB I-90/94	15+37.91	18.09	RT	BEGIN REL TEMP CONC BARRIER TAPER
18	EX NB I-90/94	15+87.70	13.50	RT	END REL TEMP CONC BARRIER TAPER

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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
LAYOUT DETAILS**

SCALE: NONE    SHEET 1 OF 2 SHEETS    STA.    TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	194
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

**I-90/94 STAGE 6:**

POINT	BASELINE	STATION	OFFSET	LT/RT	DESCRIPTION
1	PR EB TAYLOR EXIT RAMP	7308+44.17	16.00	LT	PCC AND END TEMP EPOXY PVT MK LINE 8 (SOLID WHITE) AND BEGIN TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
2	PR EB TAYLOR EXIT RAMP	7311+30.57	16.00	LT	PT
3	PR EB TAYLOR EXIT RAMP	7312+65.57	16.00	LT	PC
4	PR EB TAYLOR EXIT RAMP	7313+83.54	16.00	LT	PT
5	PR EB TAYLOR EXIT RAMP	7315+02.89	16.00	LT	PC
6	PR EB TAYLOR EXIT RAMP	7316+23.18	16.00	LT	PT
7	PR RAMP ES	1509+97.31	12.00	RT	END TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
8	PR RAMP ES	1514+43.68	12.00	RT	BEGIN TEMP EPOXY PVT MK LINE 4 (SOLID WHITE) TAPER
9	PR RAMP ES	1515+13.85	11.00	RT	END TEMP EPOXY PVT MK LINE 4 (SOLID WHITE) TAPER
10	PR RAMP ES	1513+66.93	12.00	LT	PCC BEGIN TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
11	PR RAMP ES	1513+74.02	12.00	LT	PT AND BEGIN TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW) TAPER
12	PR RAMP ES	1514+43.85	11.00	LT	END TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW) TAPER
13	PR RAMP ES	1516+26.71	11.00	LT	END TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW) AND BEGIN TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
14	EX SB I-90/94	16+07.89	15.84	LT	PC AND BEGIN TEMP EPOXY PVMT MK LINE 4 (SOLID WHITE)
15	EX SB I-90/94	12+52.36	16.83	LT	PT
16	EX SB I-90/94	11+09.40	17.96	LT	END TEMP EPOXY PVT MK LINE MK LINE 4 (SOLID WHITE)
17	EX SB I-90/94	9+29.20	14.89	LT	BEGIN TEMP EPOXY PVMT MK LINE 4 (SOLID WHITE)
18	EX SB I-90/94	6+78.15	10.01	LT	PT
19	EX SB I-90/94	5+00.55	9.72	LT	END TEMP EPOXY PVMT MK LINE 4 (SOLID WHITE) AND BEGIN TEM PEPOXY PVMT MK LINE 8 (SOLID WHITE)
20	EX SB I-90/94	12+08.00	33.82	RT	BEGIN REL TEMP CONC BARRIER TAPER
21	EX SB I-90/94	11+09.87	17.00	RT	END REL TEMP CONC BARRIER TAPER
22	EX SB I-90/94	7+09.86	25.28	RT	PC
23	EX NB I-90/94	14+15.73	4.96	RT	PC AND BEGIN TEMP EPOXY PVMT MK LINE 4 (SOLID WHITE)
24	EX NB I-90/94	15+37.89	7.09	RT	BEGIN REL TEMP CONC BARRIER TAPER
25	EX NB I-90/94	15+87.68	2.50	RT	END REL TEMP CONC BARRIER TAPER
26	PR RAMP SE	1415+32.20	0.00	RT	END TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
27	PR RAMP SE	1404+09.00	16.00	LT	PC
28	PR RAMP SE	1410+44.95	16.00	LT	PT
29	PR RAMP SE	1411+90.79	16.00	LT	PC
30	PR RAMP SE	1412+98.70	16.00	LT	PT
31	PR RAMP SE	1414+79.08	15.11	LT	END TEMP EPOXY PVMT MK LINE 4 (SOLID YELLOW)
32	PR RAMP WN	1105+65.79	16.00	LT	PCC

**I-290 STAGE 3:**

POINT	BASELINE	STATION	OFFSET	LT/RT	DESCRIPTION
1	PR WB CONGRESS PKWY	5210+65.35	0.00	LT	END TEMP EPOXY PVT MK LINE 8 (SOLID WHITE) AND BEGIN TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
2	PR WB CONGRESS PKWY	5211+56.28	0.01	LT	PC
3	PR WB CONGRESS PKWY	5214+61.34	0.79	RT	PT
4	PR WB CONGRESS PKWY	5216+89.83	9.46	RT	PC
5	PR WB CONGRESS PKWY	5219+81.28	16.00	RT	PT
6	PR WB CONGRESS PKWY	5222+00.00	16.00	RT	BEGIN TAPER
7	PR WB CONGRESS PKWY	5223+37.41	11.00	RT	END TEMP EPOXY PVT MK LINE 4 (SOLID WHITE) AND END TAPER
8	PR WB CONGRESS PKWY	5224+46.35	23.00	LT	END TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
9	PR WB CONGRESS PKWY	5218+92.46	12.57	LT	BEGIN TEMP CONC BARRIER TAPER
10	PR WB CONGRESS PKWY	5219+30.00	8.70	LT	END TEMP CONC BARRIER TAPER
11	PR WB CONGRESS PKWY	5221+23.97	8.00	LT	END TEMP CONC BARRIER
12	PR EB CONGRESS PKWY	5151+48.35	11.36	LT	BEGIN TEMP CONC BARRIER TAPER
13	PR EB CONGRESS PKWY	5151+85.70	8.00	LT	END TEMP CONC BARRIER TAPER
14	PR EB CONGRESS PKWY	5153+85.63	8.00	LT	PC
15	PR EB CONGRESS PKWY	5154+32.15	9.05	LT	PT
16	PR EB CONGRESS PKWY	5155+26.59	12.57	LT	END TEMP CONC BARRIER
17	PR EB CONGRESS PKWY	5149+53.96	14.96	LT	PCC
18	PR EB CONGRESS PKWY	5151+85.70	6.00	LT	PT
19	PR EB CONGRESS PKWY	5154+08.43	5.98	LT	START TAPER
20	PR EB CONGRESS PKWY	5157+96.18	16.20	LT	END TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW) AND END TAPER
21	PR EB CONGRESS PKWY	5149+84.78	9.31	RT	PCC AND END TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW) AND BEGIN TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
22	PR EB CONGRESS PKWY	5151+85.70	16.00	RT	PT AND END TEMP EPOXY PVT MK LINE 8 (SOLID WHITE) AND BEGIN TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
23	PR RAMP EN	1603+01.48	16.61	LT	PT AND END TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
24	PR RAMP ES	1505+71.01	11.18	RT	BEGIN TEMP CONC BARRIER
25	PR RAMP ES	1504+89.97	13.99	RT	PC
26	PR RAMP ES	1508+09.47	27.98	RT	PT
27	PR RAMP ES	1507+75.11	42.82	RT	BEGIN TEMP CONC BARRIER TAPER
28	PR RAMP ES	1507+92.65	40.94	RT	END TEMP CONC BARRIER TAPER

**I-290 STAGE 6:**

POINT	BASELINE	STATION	OFFSET	LT/RT	DESCRIPTION
1	PR EB TAYLOR EXIT RAMP	7303+32.72	4.39	LT	PC AND END TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
2	PR EB TAYLOR EXIT RAMP	7305+27.31	16.21	LT	PCC AND END TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE) AND BEGIN TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
3	PR RAMP ES	1504+61.98	16.35	LT	PCC
4	PR RAMP ES	1505+80.18	12.48	LT	PC AND END TEMP EPOXY PVT MK LINE 8 (SOLID WHITE) AND BEGIN TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
5	PR RAMP ES	1506+38.71	12.00	LT	PC AND END TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
6	PR RAMP EN	1601+31.83	12.48	LT	BEGIN REL TEMP CONC BARRIER TAPER
7	PR RAMP EN	1602+01.06	8.00	LT	END REL TEMP CONC BRARRIER TAPER
8	PR EB CONGRESS PKWY	5149+81.38	5.76	RT	BEGIN REL TEMP CONC BARRIER TAPER
9	PR EB CONGRESS PKWY	5150+57.25	2.00	RT	END REL TEMP CONC BARRIER TAPER
10	PR EB CONGRESS PKWY	5151+95.34	2.00	RT	END REL TEMP CONC BARRIER
11	PR EB CONGRESS PKWY	5151+39.26	0.00	LT	END TEMP EPOXY PVT MK LINE 8 (SOLID WHITE) AND BEGIN TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
12	PR EB CONGRESS PKWY	5157+95.51	7.80	RT	END TEMP EPOXY PVT MK LINE 4 (SOLID WHITE) AND BEGIN TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
13	PR EB CONGRESS PKWY	5160+82.94	11.08	RT	END TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
14	PR RAMP SE	1415+32.20	0.00	RT	END TEMP EPOXY PVT MK LINE 4 (SOLID WHITE) AND BEGIN TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
15	EX RAMP NE	1707+55.83	16.00	LT	PC AND BEGIN TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
16	EX RAMP NE	1708+00.97	16.00	LT	PT
17	PR WB CONGRESS PKWY	5210+17.88	11.00	RT	BEGIN TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
18	PR WB CONGRESS PKWY	5212+29.71	11.00	RT	END TEMP EPOXY PVT MK LINE 8 (SOLID WHITE) AND BEGIN TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
19	PR WB CONGRESS PKWY	5223+09.12	11.00	RT	END TEMP EPOXY PVT MK LINE 4 (SOLID WHITE) AND BEGIN TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
20	PR RAMP WN	1101+60.73	16.00	LT	PC
21	PR RAMP WN	1102+38.18	16.00	LT	END TEMP EPOXY PVT MK LINE 8 (SOLID WHITE) AND BEGIN TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
22	PR RAMP WN	1100+25.00	7.21	RT	BEGIN REL TEMP CONC BARRIER TAPER
23	PR RAMP WN	1100+87.28	2.00	RT	END TEMP CONC BARRIER TAPER
24	PR RAMP WN	1102+50.00	2.00	RT	PC AND END TEMP CONC BARRIER

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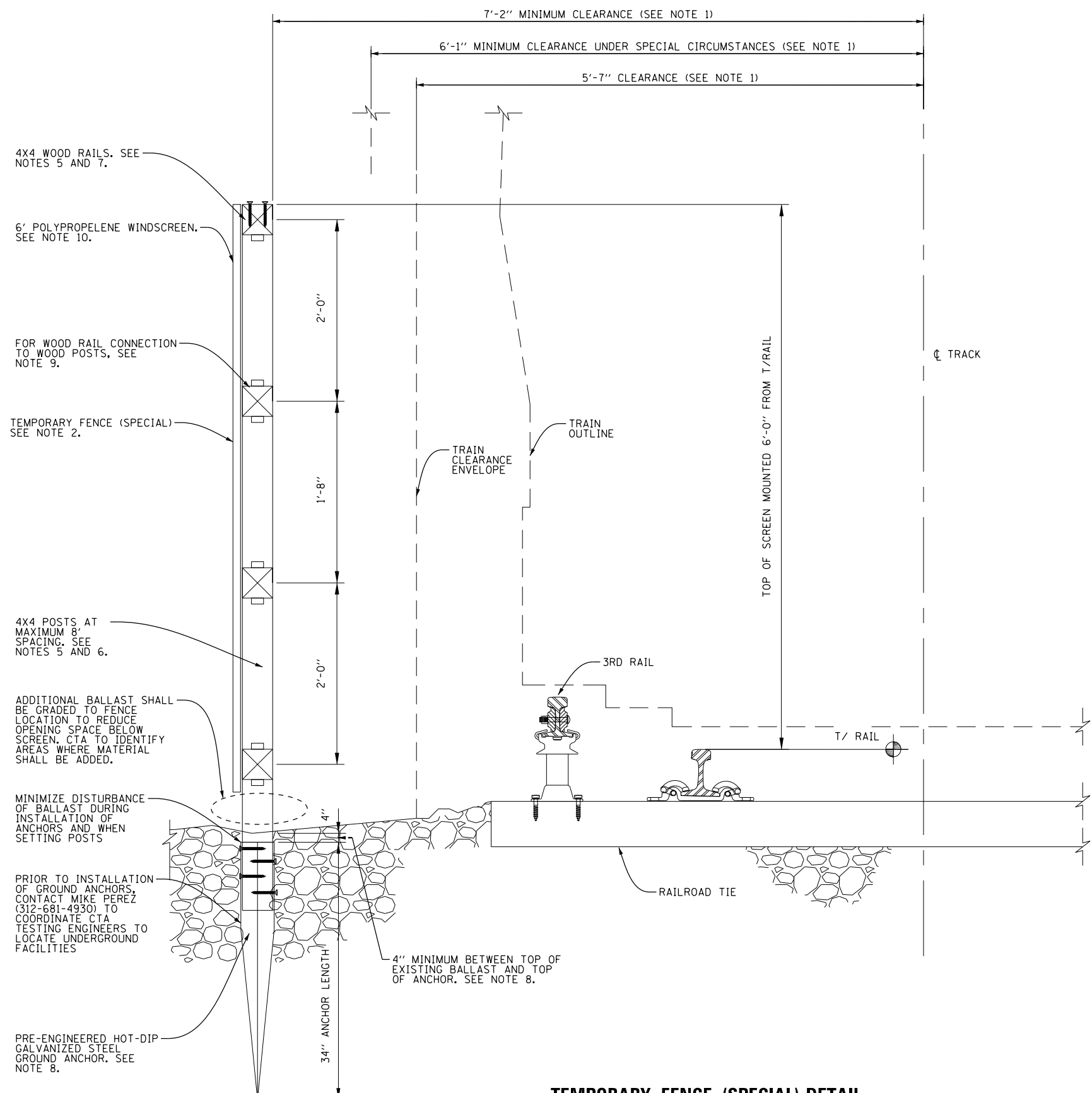
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
 LAYOUT DETAILS  
 SCALE: NONE SHEET 2 OF 2 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	195
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				



**TEMPORARY FENCE (SPECIAL) DETAIL**

**NOTES:**

1. HORIZONTAL CLEARANCES LESS THAN 7'-2" CAN BE ALLOWED UNDER SPECIAL PERMISSION FROM THE CTA. SEE SECTION 4-5.3 IN CTA'S SAFETY MANUAL FOR ADDITIONAL INFORMATION. SEE CTA INFRASTRUCTURE DESIGN CRITERIA CHAPTER 4 - CIVIL FIGURE 4-11 FOR CLEARANCE DIAGRAM.
2. TEMPORARY FENCE (SPECIAL) IS DESIGNED TO RESIST A HORIZONTAL WIND PRESSURE OF NOT LESS THAN 30 POUNDS PER SQUARE FOOT OR A SIMULTANEOUS VERTICAL AND HORIZONTAL THRUST OF 50 POUNDS PER LINEAR FOOT APPLIED TO EACH RAIL OR A SIMULTANEOUS VERTICAL AND HORIZONTAL CONCENTRATED LOAD OF 200 POUNDS IN ANY DIRECTION APPLIED TO EACH RAIL, WHICHEVER LOADING PRODUCED THE GREATEST STRESS.
3. TEMPORARY FENCE (SPECIAL) LAYOUT AND INSTALLATION PROCESS PLAN SHALL BE SUBMITTED FOR CTA REVIEW AND APPROVAL PRIOR TO START OF INSTALLATION. ALL PROCEDURES FOR INSTALLATION MUST MEET THE REQUIREMENTS OF THE CTA FLAGGING AND COORDINATION SPECIAL PROVISION AND ASSOCIATED CTA PROCEDURES.
4. SUBMIT SHOP DRAWINGS INCLUDING, BUT NOT LIMITED TO, PRODUCT AND MATERIAL CERTIFICATES FOR ALL PRODUCTS AND MATERIALS USED PRIOR TO START OF INSTALLATION.
5. WOOD SHALL BE PRESSURE TREATED SOUTHERN YELLOW PINE, #2 OR BETTER, MINIMUM FB = 1500 PSI.
6. WOOD POST SIZE SHALL BE 4" X 4" SPACED A MAXIMUM OF 8 FEET ON CENTER. LENGTH OF POST MAY VARY TO MAINTAIN TOP OF FENCE AT MINIMUM HEIGHT ABOVE TOP OF RAIL.
7. WOOD RAIL SIZE SHALL BE MINIMUM 4" X 4" SPACED A MAXIMUM 24" CENTER TO CENTER.
8. TO MINIMIZE DISTURBANCE OF THE BALLAST AND SUBGRADE ALONG THE TRACKS, SUPPORT 4" X 4" POSTS WITH PRE-ENGINEERED HOT-DIP GALVANIZED STEEL GROUND ANCHORS, MODEL T4-850, 34" LONG, AS MANUFACTURED BY OZ-POST, RICHARDSON, TEXAS OR APPROVED EQUAL.
  - a. SUBMIT CERTIFICATIONS AND INDEPENDENT LOAD TESTS FROM MANUFACTURER THAT POST ANCHORS, USED WITH PRESSURE TREATED SOUTHERN YELLOW PINE 4" X 4" POSTS, ARE CAPABLE OF RESISTING A MINIMUM 120 MILE PER HOUR WIND LOAD FOR A MINIMUM OF 5 MINUTES.
  - b. INSTALL WOOD POSTS TO GALVANIZED STEEL POST ANCHORS AND INSTALL POST ANCHORS IN GROUND IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS, USING EQUIPMENT AND CONNECTORS AS RECOMMENDED BY MANUFACTURER OF POST ANCHOR, UNLESS OTHERWISE SPECIFIED.
  - c. THE TOP OF THE STEEL GROUND ANCHORS SHALL BE SET A MINIMUM OF 4" BELOW EXISTING BALLAST GRADE AND BACKFILLED TO MATCH EXISTING ADJACENT AREA. THE BURY DEPTH SHALL BE EVALUATED AND ADJUSTED BASED ON LOAD TESTS PERFORMED BY THE CONTRACTOR AND CERTIFIED BY AN INDEPENDENT TESTING FIRM LICENSED IN THE STATE OF ILLINOIS. SUBMIT LOAD TEST PROCEDURE AND RESULTS SEALED AND SIGNED BY THE TESTING FIRM'S ILLINOIS REGISTERED PROFESSIONAL ENGINEER. LOAD TESTS WILL NOT BE PAID FOR SEPARATELY.
  - d. A MOCK-UP POST INSTALLATION SHALL BE BUILT AND LOAD TEST CONDUCTED TO EVALUATE THE ADEQUACY OF THE BURY DEPTH SHOWN ON THIS DRAWING. THE MOCK-UP SHALL BE INSTALLED IN AN AREA WHERE THE POST AND STEEL GROUND ANCHOR CAN BE LOAD TESTED. A LOAD OF 1300 POUNDS SHALL BE APPLIED TO THE POST AT THE GROUND LEVEL. THE DEFLECTION AT THE TOP OF THE POST SHALL BE MEASURED.
  - e. IF THE GROUND ANCHOR SHIFTS OUT OF POSITION OR THE POST DEFLECTS GREATER THAN 1/2 INCHES AT THE TOP, A MOCK-UP INSTALLATION AND LOAD TEST SHALL BE REPEATED WITH THE DISTANCE BETWEEN THE EXISTING BALLAST GRADE TO THE TOP OF THE GROUND ANCHOR INCREASED INCREMENTALLY UNTIL THE LOAD TEST RESULTS IN A SUCCESSFUL TEST THAT MEETS THE REQUIRED DEFLECTION CRITERIA. THE STEEL GROUND ANCHORS FOR ALL FENCE POSTS SHALL BE INSTALLED AT THE BURY DEPTH THAT MEETS THE REQUIRED DEFLECTION CRITERIA.
9. WOOD RAIL TO WOOD POST CONNECTIONS SHALL BE MADE WITH HOT-DIP GALVANIZED OR STAINLESS STEEL NAILS OR HOT-DIP GALVANIZED OR STAINLESS STEEL FRAMING ANGLES MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, COLUMBUS, OHIO OR APPROVED EQUAL. GALVANIZING SHALL CONFORM TO ASTM A653, C185 COATING PROTECTION OR GREATER. WOOD RAIL TO POST CONNECTIONS SHALL BE CAPABLE OF SUPPORTING A SIMULTANEOUS REACTION OF 200 POUNDS VERTICALLY AND HORIZONTALLY. USE FOUR (4) 30d SINKER NAILS TO TOENAIL WOOD RAILS TO WOOD POSTS, TWO (2) TOP AND TWO (2) BOTTOM OF RAILS OR TWO (2) A34 FRAMING ANGLES ONE (1) TOP AND ONE (1) BOTTOM OF RAILS AS MANUFACTURED BY SIMPSON STRONG-TIE COMPANY, OR APPROVED EQUAL.
10. WINDSCREEN AS MANUFACTURED BY CARRON NET CO. INC., TWO RIVERS, WISCONSIN OR APPROVED EQUAL SHALL BE 6 FEET HIGH, WITH SECTIONS A MINIMUM OF 8 FEET LONG, OPEN MESH, 75% OPAQUE, VINYL COATED DARK GREEN POLYPROPYLENE (WEIGHT - 1 LB PER 21 SQ FT OF MATERIAL) WITH EDGES REINFORCED WITH 1 1/2" HERCULETIC VINYL MATERIAL AND HEAVY DUTY SOLID BRASS GROMMETS LOCATED AT 18 INCHES ON CENTER ON ALL 4 SIDES AND AT 18 INCHES ON CENTER HORIZONTALLY AT EACH RAIL FOR ATTACHMENT TO INTERMEDIATE FENCE RAILS SPACED TO MATCH RAIL SPACING. ATTACH WINDSCREEN TO WOOD POSTS AND RAILS WITH HEAVY DUTY PLASTIC ZIP TIES PLACED THROUGH THE GROMMETS AND AROUND THE POSTS AND RAILS. THE HEAVY DUTY PLASTIC ZIP TIES SHALL BE RATED FOR A MINIMUM TENSILE STRENGTH OF 175 POUNDS. LENGTH OF THE TIES SHALL BE AS REQUIRED TO SECURELY FASTEN THE WINDSCREEN TAUGHT AROUND THE WOOD POSTS AND RAILS. SUBMIT MANUFACTURER'S CERTIFICATION FOR THE ZIP TIES AND WINDSCREEN. INSTALL WINDSCREEN PER MANUFACTURER'S RECOMMENDATIONS.
11. ANY PROPOSED CONTRACTOR CHANGES SHALL BE SUBMITTED FOR REVIEW TO ENGINEER AND CTA, WITH CALCULATIONS AND DRAWINGS SEALED AND SIGNED BY AN ILLINOIS LICENSED STRUCTURAL ENGINEER EMPLOYED BY THE CONTRACTOR. REVIEW AND COMMENT BY ENGINEER AND CTA SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY FOR THE DESIGN OF ANY MODIFICATIONS PROPOSED BY THE CONTRACTOR.
12. ALL MAINTENANCE OF THE FENCE PRIOR TO REMOVAL IS THE RESPONSIBILITY OF THE CONTRACTOR. THE FENCE SHALL REMAIN IN THE SAME HORIZONTAL AND VERTICAL POSITION, WITH THE WINDSCREEN REMAINING SECURE TO THE RAILS AND POSTS. THE ENGINEER WILL ALERT THE CONTRACTOR TO ANY ISSUES THAT REQUIRE IMMEDIATE ATTENTION.
13. AFTER THE NEED FOR THE TEMPORARY FENCE (SPECIAL) IS COMPLETE, ALL COMPONENTS OF THE FENCE INSTALLATION SHALL BE COMPLETELY REMOVED, INCLUDING THE GROUND ANCHORS. CONTRACTOR SHALL SUBMIT REMOVAL PLAN TO THE ENGINEER AND CTA FOR APPROVAL PRIOR TO THE EXECUTION OF THE REMOVAL WORK. ALL ITEMS SHALL BE DISPOSED OF PROPERLY, OR RETAINED BY THE CONTRACTOR. THE GROUND ALONG THE FENCE INSTALLATION SHALL BE RESTORED TO PRE-EXISTING CONDITIONS AND TO THE SATISFACTION OF THE ENGINEER AND THE CTA.

FILE PATH = P:\A60288727\000\_CAD\_006\_Roadway\Print\ung\60933-20180726-Final\CADD\018093-SHT-STAGING-TEMP CTA FENCE.dgn



D18093-SHT-STAGING-TEMP CTA FENCE.dgn  
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 PLOT DATE = 7/26/2018

DESIGNED - AAG	REVISED -
DRAWN - MSC	REVISED -
CHECKED - ATB	REVISED -
DATE - 7/30/2018	REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

**TEMPORARY FENCE (SPECIAL) DETAIL**

SCALE: N.T.S. SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	196
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

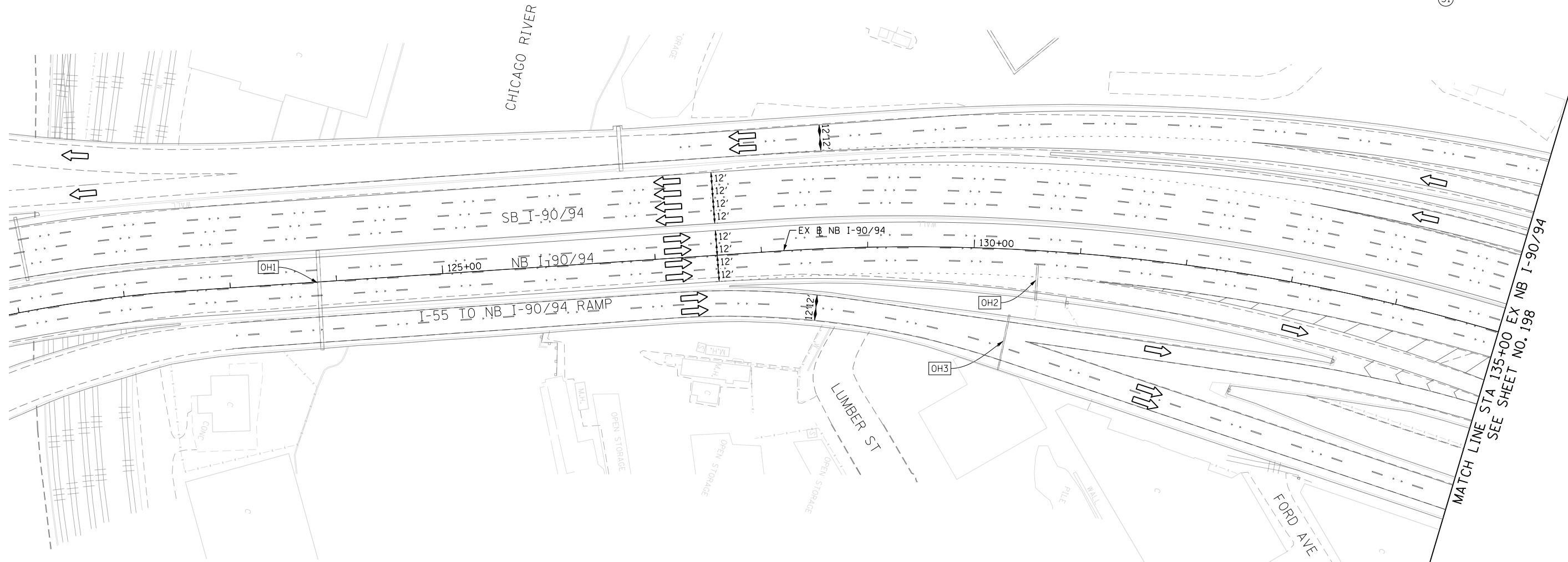
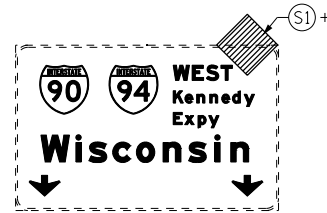
**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
- (E) TEMP EPOXY PVT MK LINE 8 (SOLID WHITE)
- (F) TEMP EPOXY PVT MK LINE 8 (3' DASH 9' SKIP, WHITE)
- (G) TEMP EPOXY PVT MK LINE 12 (WHITE CHEVRONS @ 45°, 30" SPACING) (TYP)
- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE

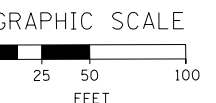
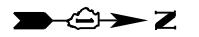
- LEGEND:**
- WORK ZONE
  - TEMPORARY CONCRETE BARRIER
  - TEMPORARY IMPACT ATTENUATOR
  - TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
  - DIRECTION OF TRAFFIC FLOW
  - TYPE III BARRICADE
  - TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
  - DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
  - ARROW BOARD
  - TEMPORARY PAVEMENT
  - \* FROM PREVIOUS STAGE TO REMAIN
  - \*\* FROM CONTRACT 60X79 TO REMAIN
  - + FROM CONTRACT 60X75 TO REMAIN
  - ++ FROM CONTRACT 60X76 TO REMAIN
  - +++ FROM CONTRACT 60X99 TO REMAIN

[OH2] EXISTING OVERHEAD SIGN

[OH3] EXISTING OVERHEAD SIGN



[OH1] EXISTING DMS TO REMAIN



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D:\60288727\000\_CAD\_006\_Roadway\Print\ung\60x93-SHT-STAGING-ML-9094-1A-01.dgn  
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 DRAWN - PHP  
 CHECKED - MJE  
 DATE - 7/30/2018

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
 I-90/94 MAINLINE STAGE 1A**

SCALE: 1" = 50' SHEET 1 OF 10 SHEETS STA. 121+00 TO STA. 135+00

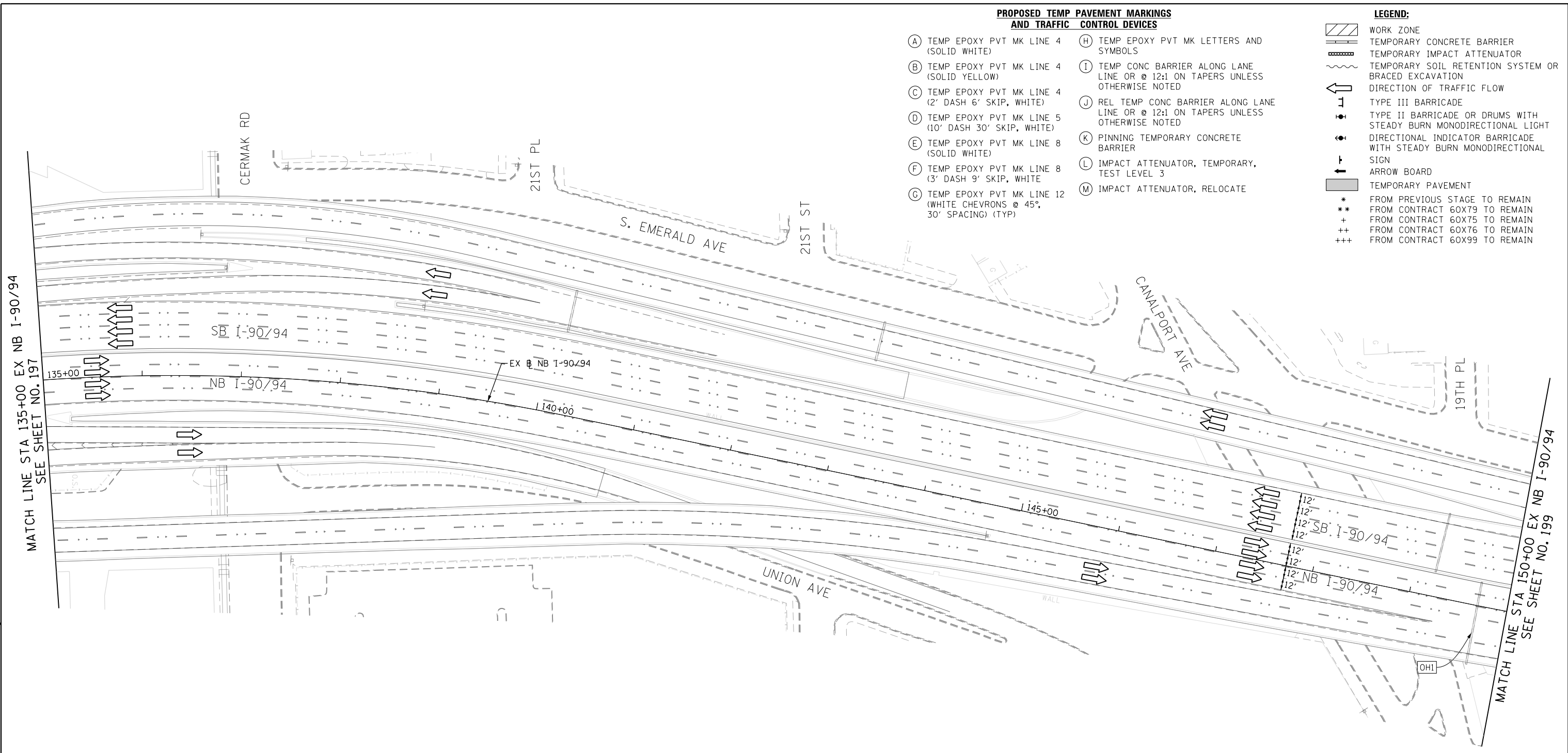
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	197
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
- (D) TEMP EPOXY PVT MK LINE 5 (10' DASH 30' SKIP, WHITE)
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- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE

**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- TEMPORARY PAVEMENT
- \* FROM PREVIOUS STAGE TO REMAIN
- \*\* FROM CONTRACT 60X79 TO REMAIN
- + FROM CONTRACT 60X75 TO REMAIN
- ++ FROM CONTRACT 60X76 TO REMAIN
- +++ FROM CONTRACT 60X99 TO REMAIN

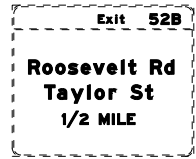
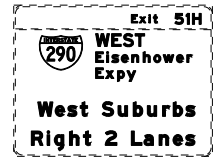


(OHI) EXISTING OVERHEAD SIGNS

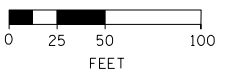


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(S1)



GRAPHIC SCALE



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D160X93-SHT-STAGING-ML-9094-1A-02.dgn  
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 PLOT DATE = 7/26/2018

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DRAWN -	PHP	REVISED -	
CHECKED -	MJE	REVISED -	
DATE -	7/30/2018	REVISED -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
 I-90/94 MAINLINE STAGE 1A**

SCALE: 1" = 50'    SHEET 2 OF 10 SHEETS    STA. 135+00 TO STA. 150+00

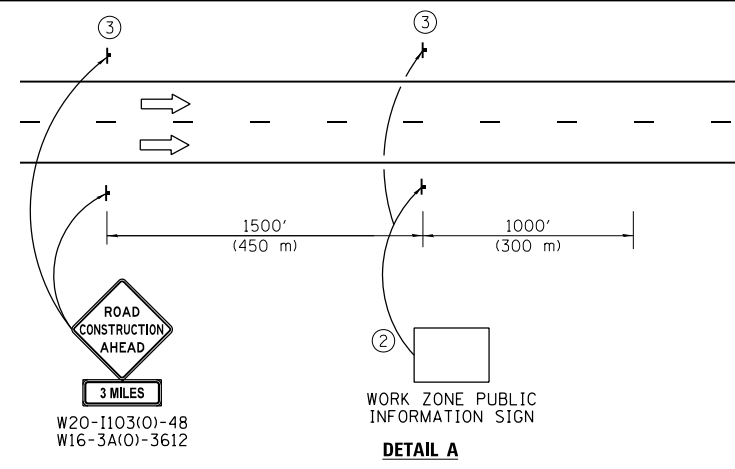
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	198
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

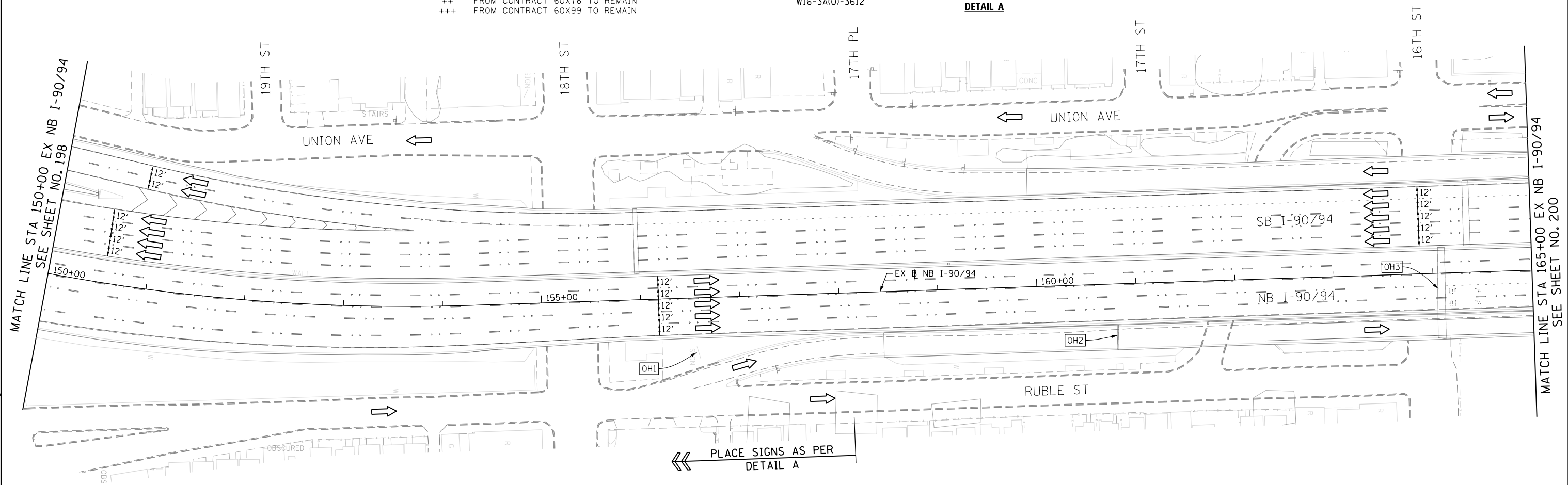
- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
- (C) TEMP EPOXY PVT MK LINE 4 (2' DASH 6' SKIP, WHITE)
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- (H) TEMP EPOXY PVT MK LETTERS AND SYMBOLS
- (I) TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (J) REL TEMP CONC BARRIER ALONG LANE LINE OR @ 12:1 ON TAPERS UNLESS OTHERWISE NOTED
- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE

**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- TEMPORARY PAVEMENT
- \* FROM PREVIOUS STAGE TO REMAIN
- \*\* FROM CONTRACT 60X79 TO REMAIN
- + FROM CONTRACT 60X75 TO REMAIN
- ++ FROM CONTRACT 60X76 TO REMAIN
- +++ FROM CONTRACT 60X99 TO REMAIN

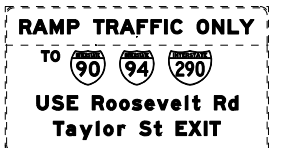
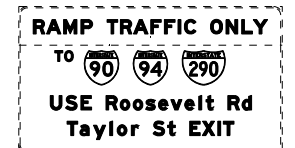


- ① The Road Construction Ahead sign shall be located 3 to 5 miles in advance of the project limits.
- ② The message and size of the Work Zone Public Information Sign shall be as specified by the Department.
- ③ This sign shall be omitted when median width is less than 10' (3 m).

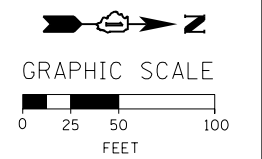
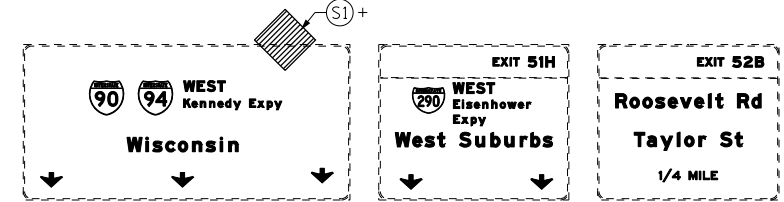


[OH1] EXISTING GROUND MOUNTED SIGN

[OH2] EXISTING OVERHEAD SIGN



[OH3] EXISTING OVERHEAD SIGNS



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DRAWN -	PHP	REVISED -	
CHECKED -	MJE	REVISED -	
DATE -	7/30/2018	REVISED -	

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN  
 I-90/94 MAINLINE STAGE 1A**  
 SCALE: 1" = 50' SHEET 3 OF 10 SHEETS STA. 150+00 TO STA. 165+00

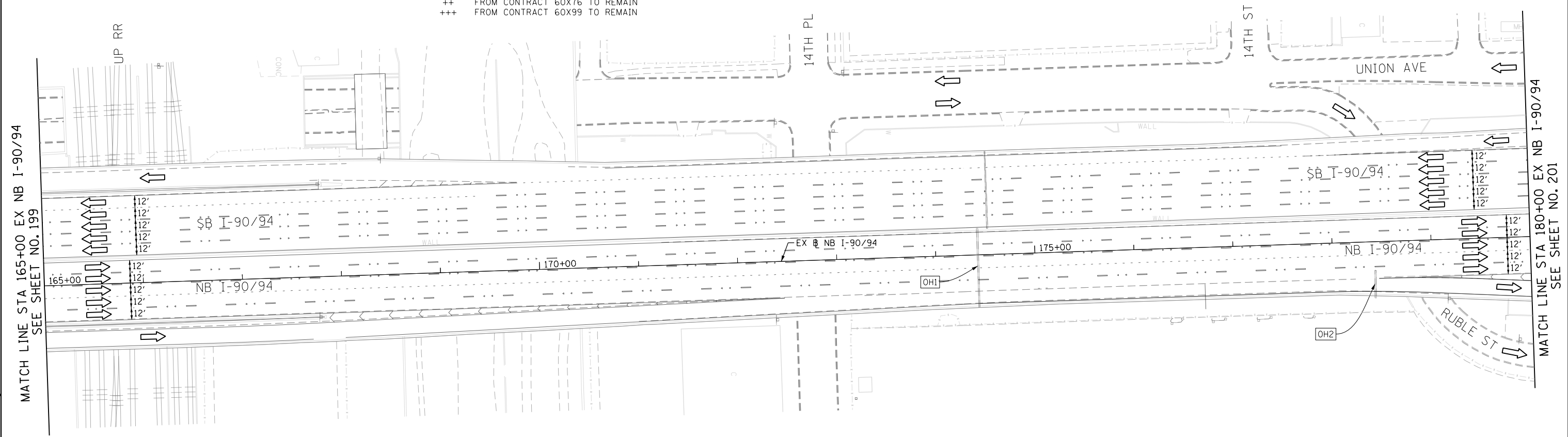
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	199
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				

**PROPOSED TEMP PAVEMENT MARKINGS AND TRAFFIC CONTROL DEVICES**

- (A) TEMP EPOXY PVT MK LINE 4 (SOLID WHITE)
- (B) TEMP EPOXY PVT MK LINE 4 (SOLID YELLOW)
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- (K) PINNING TEMPORARY CONCRETE BARRIER
- (L) IMPACT ATTENUATOR, TEMPORARY, TEST LEVEL 3
- (M) IMPACT ATTENUATOR, RELOCATE

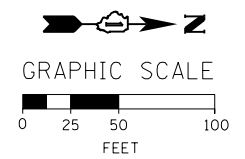
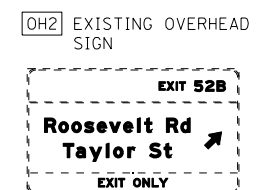
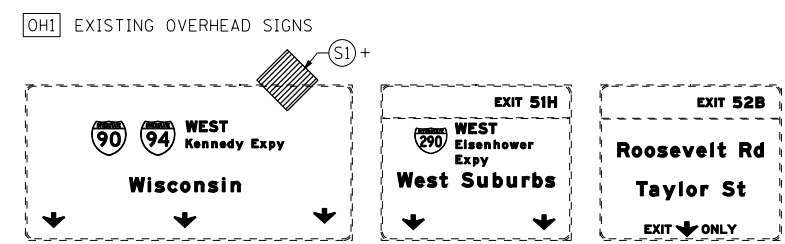
**LEGEND:**

- WORK ZONE
- TEMPORARY CONCRETE BARRIER
- TEMPORARY IMPACT ATTENUATOR
- TEMPORARY SOIL RETENTION SYSTEM OR BRACED EXCAVATION
- DIRECTION OF TRAFFIC FLOW
- TYPE III BARRICADE
- TYPE II BARRICADE OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT
- DIRECTIONAL INDICATOR BARRICADE WITH STEADY BURN MONODIRECTIONAL SIGN
- ARROW BOARD
- TEMPORARY PAVEMENT
- \* FROM PREVIOUS STAGE TO REMAIN
- \*\* FROM CONTRACT 60X79 TO REMAIN
- + FROM CONTRACT 60X75 TO REMAIN
- ++ FROM CONTRACT 60X76 TO REMAIN
- +++ FROM CONTRACT 60X99 TO REMAIN



MATCH LINE STA 165+00 EX NB I-90/94 SEE SHEET NO. 199

MATCH LINE STA 180+00 EX NB I-90/94 SEE SHEET NO. 201



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PLOT SCALE = 100.0000' / 1" =
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DESIGNED - PHP	REVISED -
DRAWN - PHP	REVISED -
CHECKED - MJE	REVISED -
DATE - 7/30/2018	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL PLAN			
I-90/94 MAINLINE STAGE 1A			
SCALE: 1" = 50'	SHEET 4 OF 10 SHEETS	STA. 165+00 TO STA. 180+00	

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94/290	2014-013R&B-R	COOK	1972	200
CONTRACT NO. 60X93				
ILLINOIS FED. AID PROJECT				