

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

* 42+1 = 43 TOTAL SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70		EFFINGHAM	42	1
		ILLINOIS	CONTRACT NO. 74773	

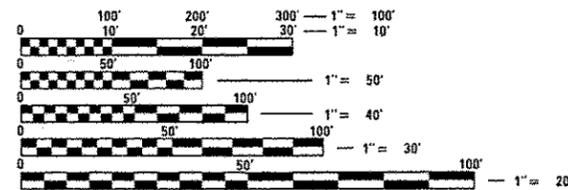
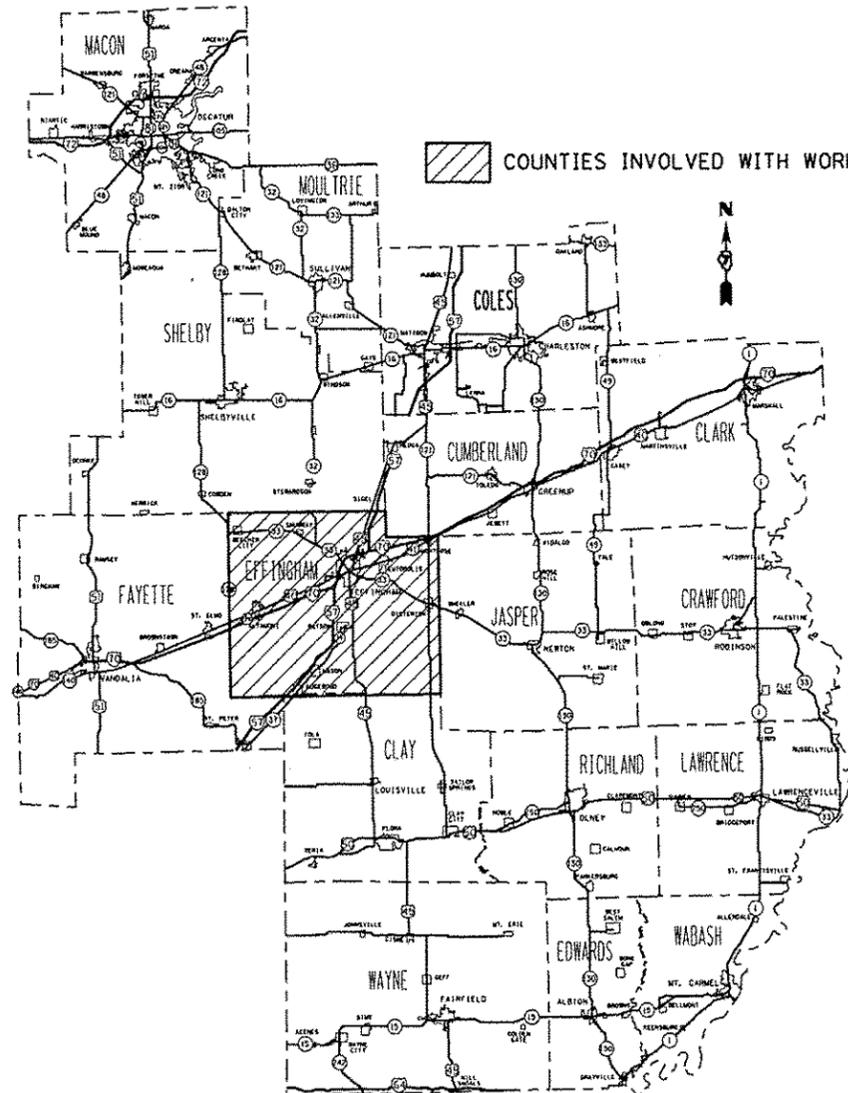
* 07 BRIDGE PAINTING 2017-4

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROPOSED HIGHWAY PLANS

F.A.I. 57/70 (I-57 / I-70)

SECTION D7 BRIDGE PAINTING 2017-4
BRIDGE PAINTING
EFFINGHAM COUNTY
C-97-068-16



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123
OR 811

PROJECT ENGINEER: TOM RONAN
PROJECT MANAGER: BEN DETERS
PHONE: (217)-342-8361
CONTRACT NO. 74773

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED February 3, 2017
Jeffrey H. South
REGIONAL ENGINEER

Mar 24, 2017
Maureen M. Adair, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Mar 24, 2017
Michelle [Signature]
DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	ITEM
1	COVER SHEET
2	INDEX OF SHEETS, GENERAL NOTES &. LOCATION DESCRIPTIONS
3	SUMMARY OF QUANTITIES
4-29	STRIPING AND TEMPORARY CONCRETE BARRIER DETAILS - LOCATION 1
* 30-42	EXISTING STRUCTURE PLANS

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. 37:

STD. NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
701101-05	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-10	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-12	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45MPH
701428-01	TRAFFIC CONTROL SETUP REMOVAL FREEWAY/EXPRESSWAY
701446-08	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701456-04	PARTIAL EXIT RAMP CLOSURE FREEWAY/EXPRESSWAY
701901-06	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER

* INCLUDES SHEET 37A.

GENERAL NOTES

THIS SECTION SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS, THE "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED APRIL 1, 2016; THE SUPPLEMENTAL SPECIFICATIONS, THE RECURRING SPECIAL PROVISIONS, AND THE SPECIAL PROVISIONS INCLUDED IN THE PROPOSAL.

THE PROPOSED PROJECT IS LOCATED AT 2 LOCATIONS IN EFFINGHAM COUNTY IN DISTRICT 7.

THE WORK INCLUDED IN THIS SECTION CONSISTS OF CLEANING AND PAINTING THE BRIDGES AS SPECIFIED IN THE PLANS AND SPECIAL PROVISIONS.

THE STRUCTURAL STEEL SHALL BE CLEANED AND PAINTED AS SPECIFIED IN THE SPECIAL PROVISIONS.

ALL DECK DRAINS SHALL BE PAINTED ACCORDING TO THE REQUIREMENTS OF PAINT SYSTEM 1 - OZ/E/U. ANY DAMAGE CAUSED BY THE CONTRACTOR SHALL BE REPAIRED AT THEIR OWN EXPENSE AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ONLY STRUCTURAL STEEL IS TO BE PAINTED. ALL OTHER SURFACES WILL BE PROTECTED FROM BEING PAINTED. ALL PAINT AND OVERSPRAY WILL BE REMOVED AT THE CONTRACTOR'S EXPENSE.

THE SSPC QP1 AND QP2 PAINTING CONTRACTOR CERTIFICATION WILL BE REQUIRED FOR THIS PROJECT.

REMOVAL OF TEMPORARY CONCRETE BARRIER FROM THE PROJECT SITE SHALL BE CONSIDERED INCLUDED IN THE PAY ITEM TEMPORARY CONCRETE BARRIER AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

BRIDGE LOCATION DESCRIPTIONS

LOCATION #1

ROUTE: FAP 174
 MARKED: ILL 32/33
 SECTION: 25-3HBY-21
 STATION: 2200+72.84 & 2201+40.43
 STRUCTURE NUMBERS: 025-0034 & 025-6007

TYPE OF BRIDGE:
 S.N. 025-0034: Wide Flange I Beams-4 Spans (13 Beams)
 S.N. 025-6007: Wide Flange I Beams-2 Spans (2 Beams)
 LOCATION: Illinois Routes 32/33 Interchange in Effingham
 FEATURE CARRIED/SPANNED: ILL 32/33 over I-57/70

COLOR OF THE FINISH COAT SHALL BE GRAY, MUNSELL 5B 7/1.

Cleaning and painting of the existing structural steel shall be as specified in the special provision for "Cleaning and Painting Existing Steel Structures". All structural steel, including beams, bearings, seismic restraints, and diaphragms, shall be cleaned by SSPC-SP10- Near White Metal Blast Cleaning.

The designated areas cleaned per Near White Metal Blast Cleaning - SSPC-SP10 shall be painted according to the requirements of Paint System 1 - OZ/E/U.

Four air monitors will be required at this location.

LOCATION #2

ROUTE: TR 157
 MARKED: TR 157
 SECTION: 25-7HB-2
 STATION: 4889+51.30
 STRUCTURE NUMBERS: 025-0060

TYPE OF BRIDGES: Wide Flange I Beams-4 Spans (5 Beams)
 LOCATION: 2 miles south of the southwest tri-level
 FEATURE CARRIED/SPANNED: TR 157 over I-57

COLOR OF THE FINISH COAT SHALL BE GRAY, MUNSELL 5B 7/1.

Cleaning and painting of the existing structural steel shall be as specified in the special provision for "Cleaning and Painting Existing Steel Structures". All structural steel, including beams, bearings and diaphragms, shall be cleaned by SSPC-SP10- Near White Metal Blast Cleaning.

The designated areas cleaned per Near White Metal Blast Cleaning - SSPC-SP10 shall be painted according to the requirements of Paint System 1 - OZ/E/U.

No air monitors will be required at this location.

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				INDEX OF SHEETS, GENERAL NOTES AND BRIDGE LOCATIONS				* 07 BRIDGE PAINTING 2017-4	
FILE NAME *	USER NAME * stafferrnk	DESIGNED -	REVISED -	SCALE: N/A	SHEET 1	OF 1	SHEETS	STA.	TO STA.
p:\1\1284EBIDINTEG.illinois.gov\PI\DOT\Documents\IDOT Offices\District 7\Projects\7473\BRIDGE\to\CD\sheets\0774773-shr-gennote				CONTRACT NO. 74773				TOTAL SHEET SHEETS: 42 NO. 2	
PLOT SCALE * 100.0000 // in.				CHECKED -				(ILLINOIS) FED. AID PROJECT	
PLOT DATE * 2/3/2017				DATE -					

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		URBAN 0014	RURAL 0014
67100100	MOBILIZATION	LSUM	1	0.75	0.25
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD 701402	EACH	2	1	1
70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	3	3	
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	LSUM	1		1
70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	LSUM	1	1	
70107007	PAVEMENT MARKING BLACKOUT TAPE, 7"	FOOT	20455	20455	
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	11933	11933	
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1012.5	737.5	275
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2087.5	1262.5	825
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	3	2	1
70600350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	7	4	3

SUMMARY OF QUANTITIES			TOTAL QUANTITIES	CONSTRUCTION TYPE CODE	
CODE NO	ITEM	UNIT		URBAN 0014	RURAL 0014
X7010410	SPEED DISPLAY TRAILER	CAL MO	3	2	1
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28	28	
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	324	204	120
Z0007112	CONTAINMENT AND DISPOSAL OF LEAD PAINT CLEANING RESIDUES	LSUM	1	0.75	0.25
Z0010501	CLEANING AND PAINTING STEEL BRIDGE NO. 1	LSUM	1	1	
Z0010502	CLEANING AND PAINTING STEEL BRIDGE NO. 2	LSUM	1	1	
Z0010503	CLEANING AND PAINTING STEEL BRIDGE NO. 3	LSUM	1		1

FILE NAME =	USER NAME = staffonk	DESIGNED -	REVISED -
path\NL284EBID\INTEG\illinois.gov\PI007\Documents\1007 Offices\District 7\Projects\7477		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE: N/A		SHEET 1	OF 1	SHEETS	STA.	TO STA.
------------	--	---------	------	--------	------	---------

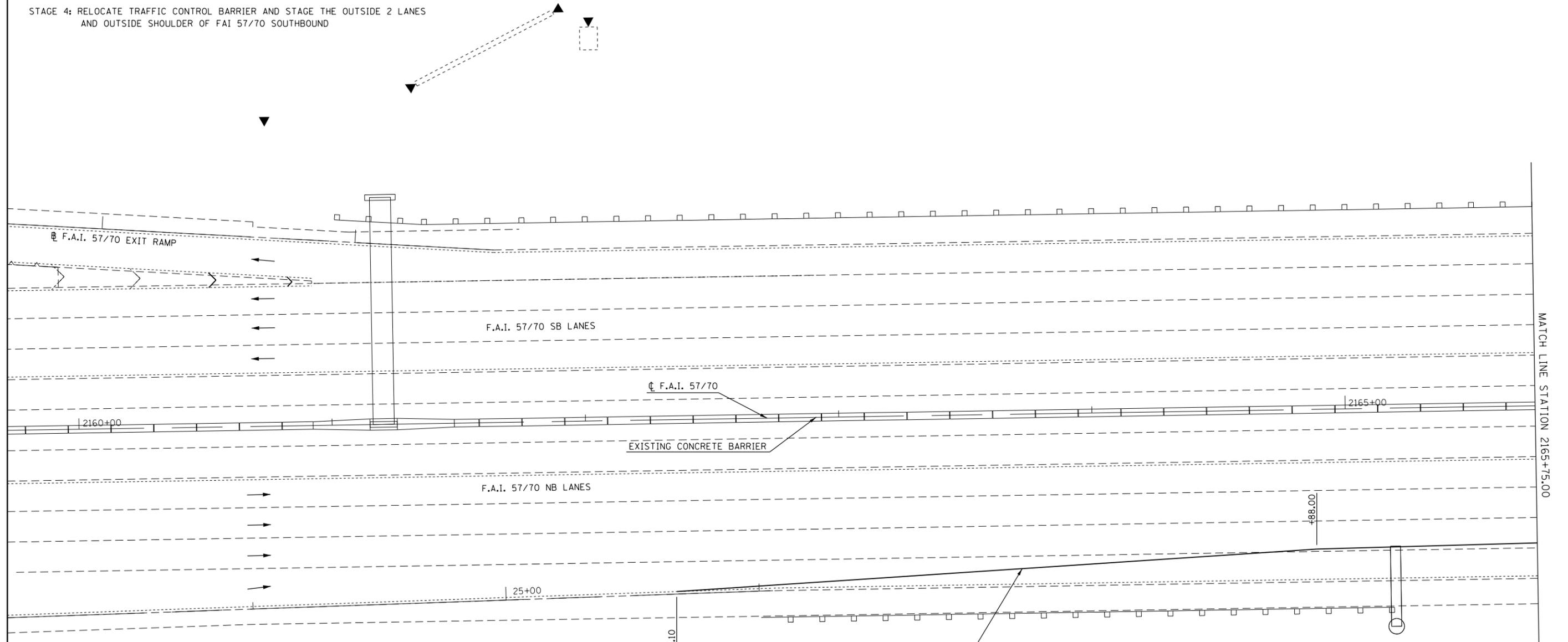
• 07 BRIDGE PAINTING 2017-4				
F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70		EFFINGHAM	42	3
			CONTRACT NO. 74773	
ILLINOIS FED. AID PROJECT				

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE II TRAFFIC - LOCATION 1



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 7\Projects\7473\Drawings\CAD\Sheets\0774773-sht-plan.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE II DETAILS - LOCATION 1

SCALE: SHEET 1 OF 9 SHEETS STA. TO STA.

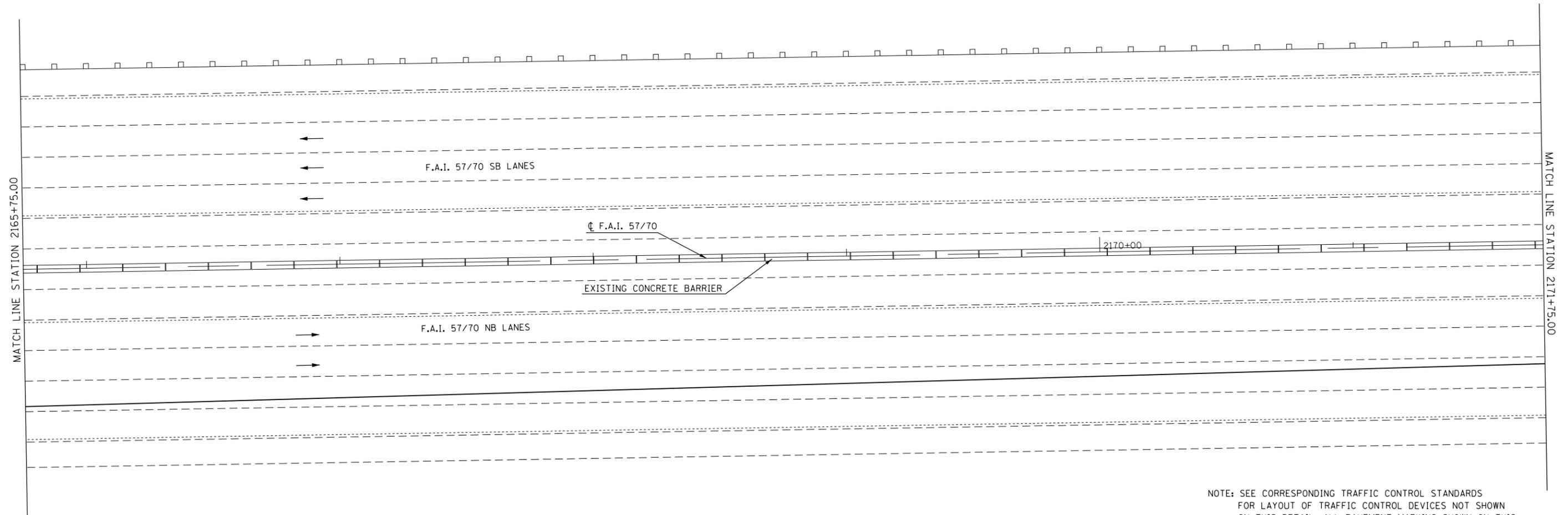
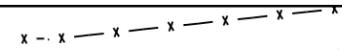
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	•	EFFINGHAM	42	5
			CONTRACT NO. 74773	
ILLINOIS FED. AID PROJECT				

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

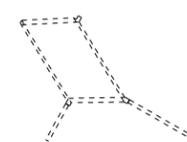
STAGE II TRAFFIC - LOCATION 1



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4



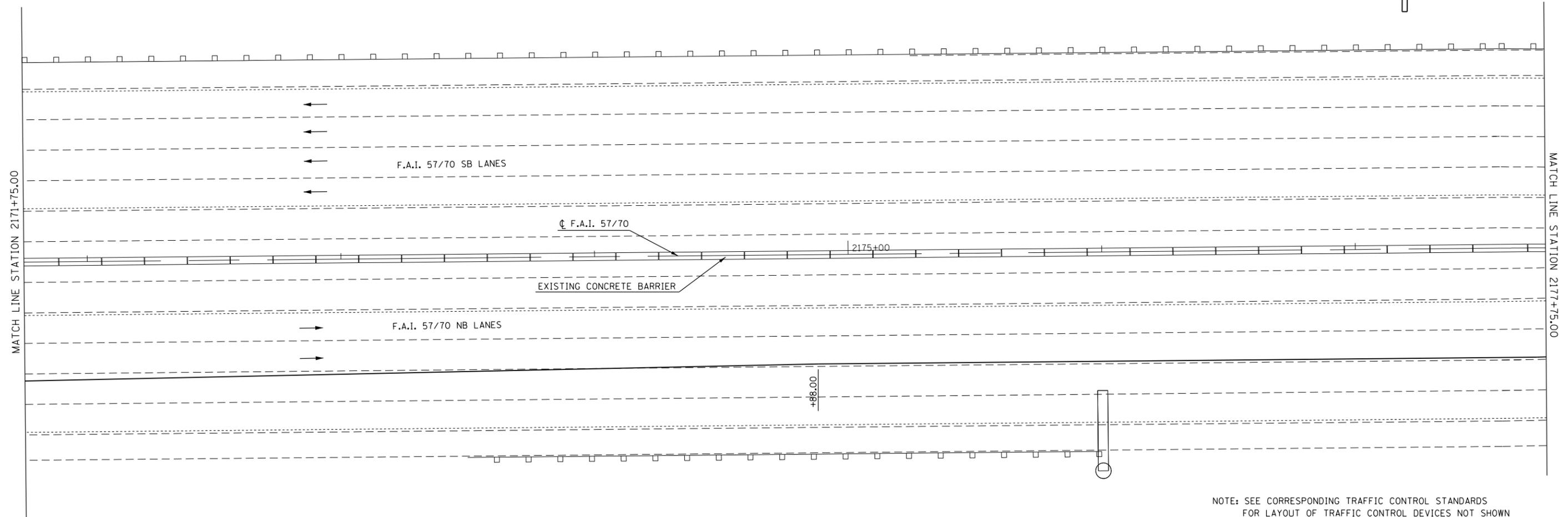
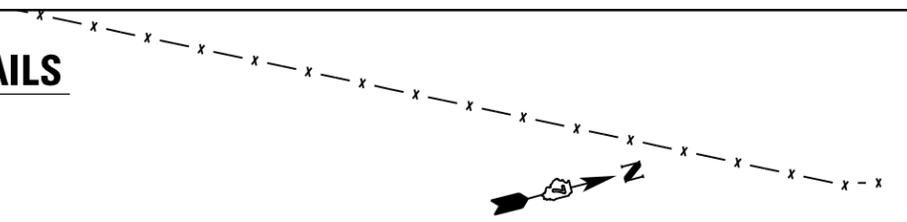
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE II DETAILS - LOCATION 1			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 7\Projects\7473\DRAWING\CAD\Sheets\D774773-sht-plan.dgn	DRWN =	CHECKED -	REVISED -					57/70	.	EFFINGHAM	42	6
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		CONTRACT NO. 74773			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 2/3/2017				SCALE:	SHEET 2 OF 9 SHEETS	STA.	TO STA.				

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE II TRAFFIC - LOCATION 1



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

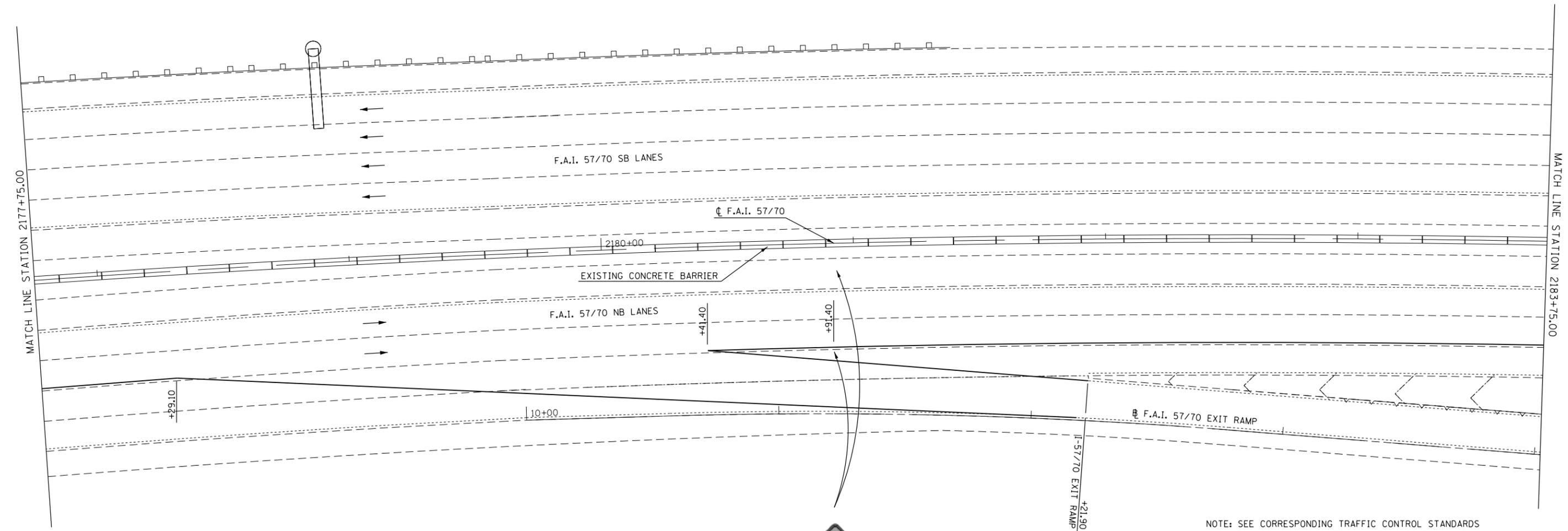
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE II DETAILS - LOCATION 1			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\7473\Drawings\CAD\Sheets\D774773-sht-plan.dgn	DRWN =	REVISIONS	REVISIONS					57/70	.	EFFINGHAM	42	7
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISIONS		SCALE: SHEET 3 OF 9 SHEETS STA. TO STA.			CONTRACT NO. 74773				
	PLOT DATE = 2/3/2017	DATE -	REVISIONS		ILLINOIS FED. AID PROJECT							

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE II TRAFFIC - LOCATION 1



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\7473\Drawings\CAD\Sheets\0774773-sht-plan.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE II DETAILS - LOCATION 1

SCALE: SHEET 4 OF 9 SHEETS STA. TO STA.

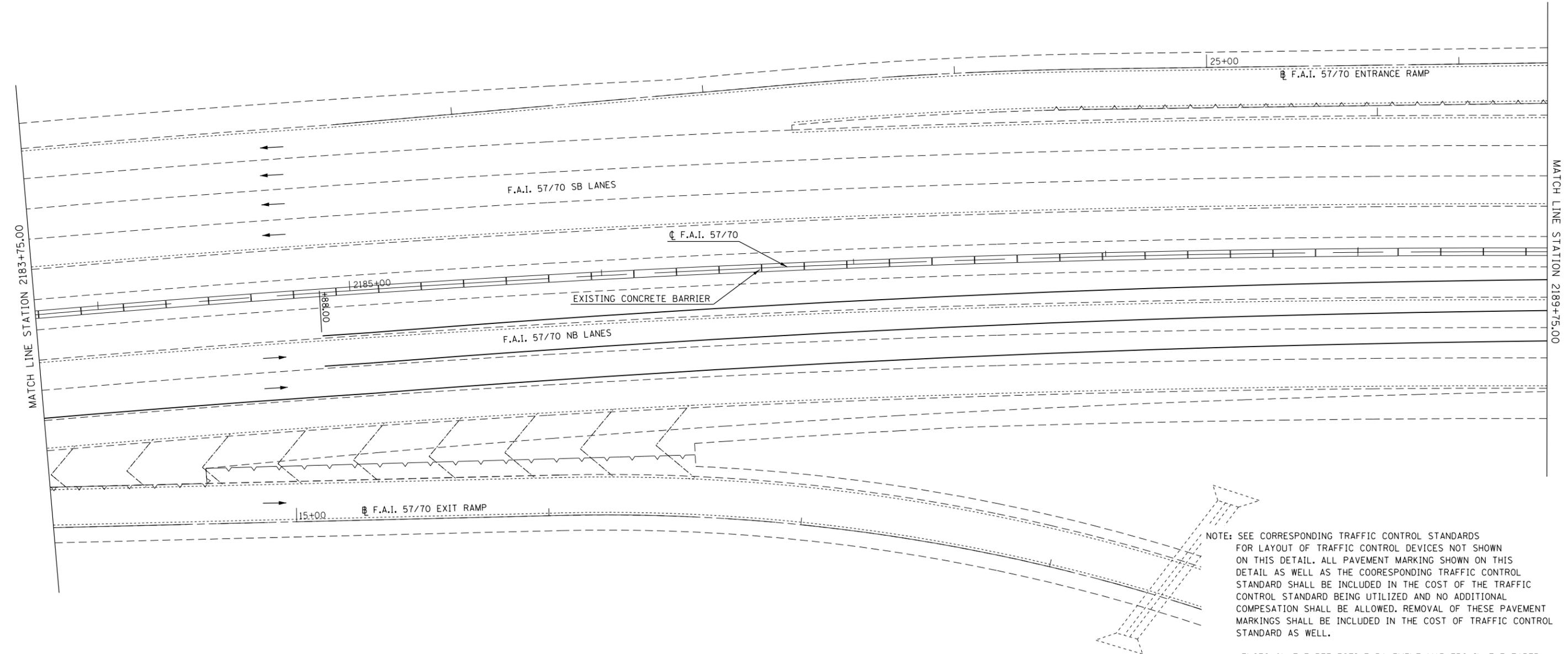
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	•	EFFINGHAM	42	8
			CONTRACT NO. 74773	
ILLINOIS FED. AID PROJECT				

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE II TRAFFIC - LOCATION 1



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74773\Drawings\CAD\Sheets\0774773-sht-plan.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE II DETAILS - LOCATION 1

SCALE: SHEET 5 OF 9 SHEETS STA. TO STA.

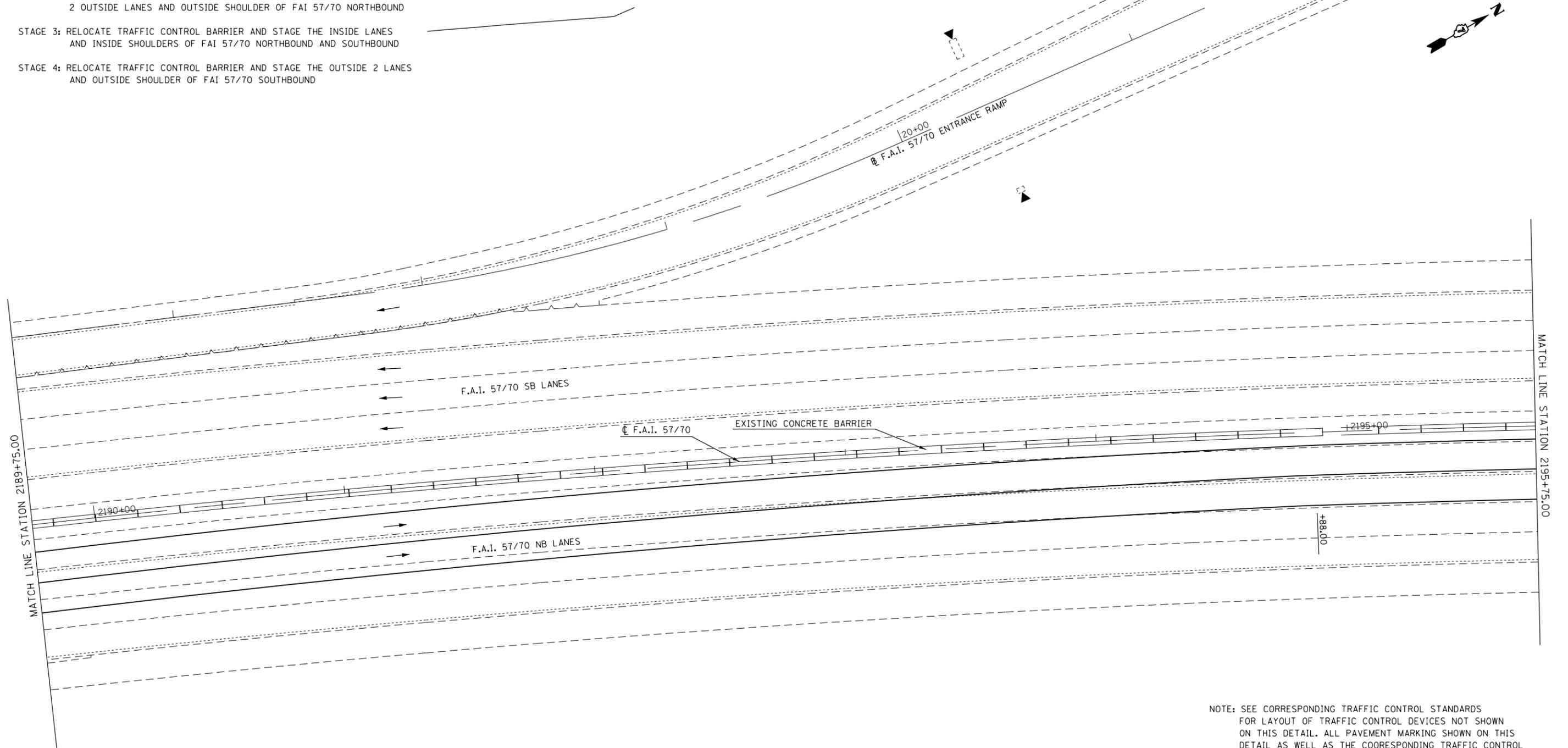
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	•	EFFINGHAM	42	9
CONTRACT NO. 74773				
ILLINOIS FED. AID PROJECT				

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE II TRAFFIC - LOCATION 1



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\7473\Drawings\CAD\Sheets\D774773-sht-plan.dgn		REVISION	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE II DETAILS - LOCATION 1

SCALE: SHEET 6 OF 9 SHEETS STA. TO STA.

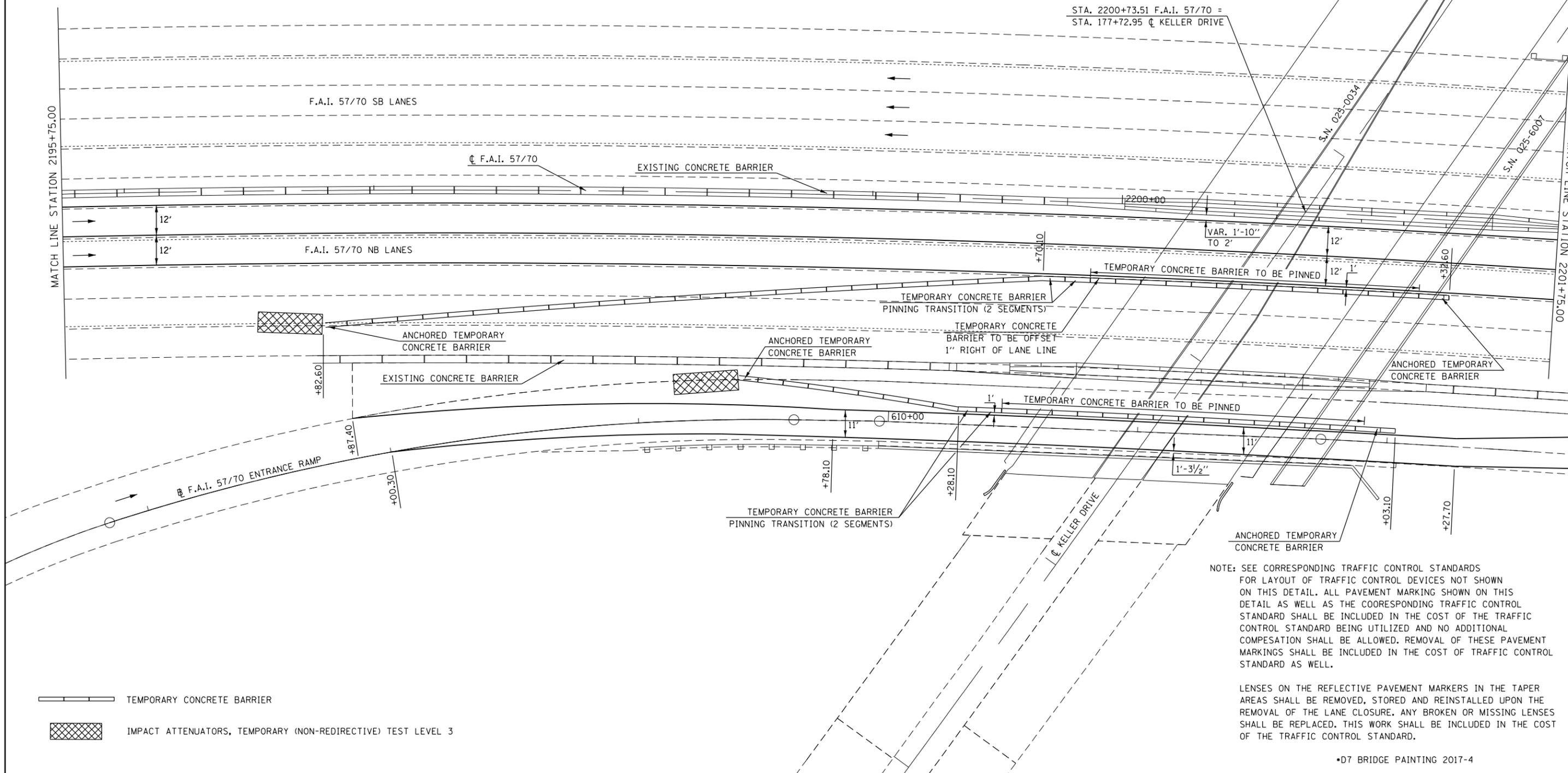
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	•	EFFINGHAM	42	10
				CONTRACT NO. 74773
ILLINOIS FED. AID PROJECT				

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE II TRAFFIC - LOCATION 1



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL\084EBID\INTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74773\DRAWING\CAD\Sheets\D774773-sht-plan.dgn		REVISION	REVISION
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE II DETAILS - LOCATION 1

SCALE: SHEET 7 OF 9 SHEETS STA. TO STA.

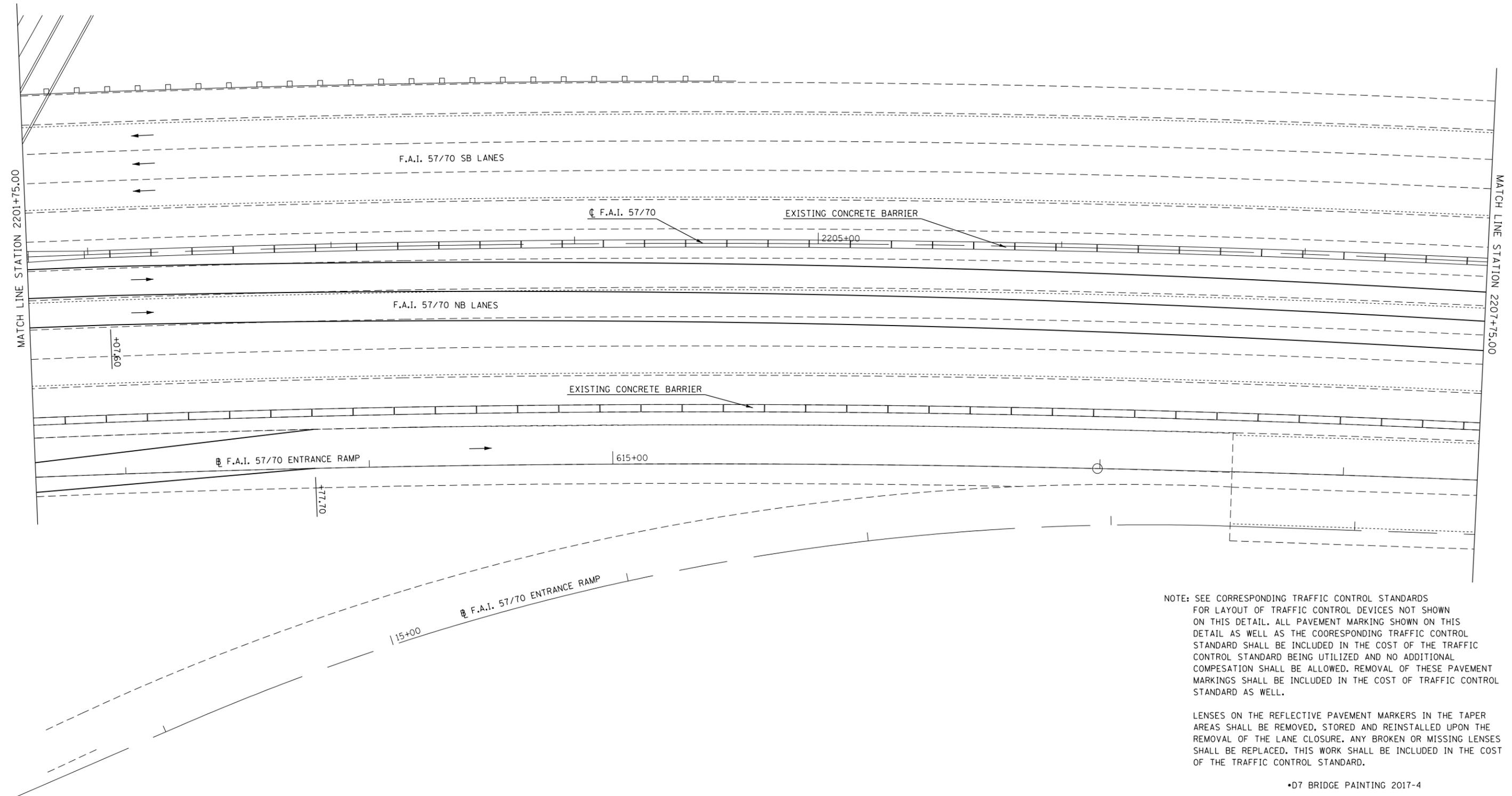
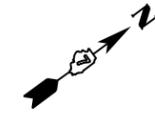
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	•	EFFINGHAM	42	11
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74773	

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE II TRAFFIC - LOCATION 1



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

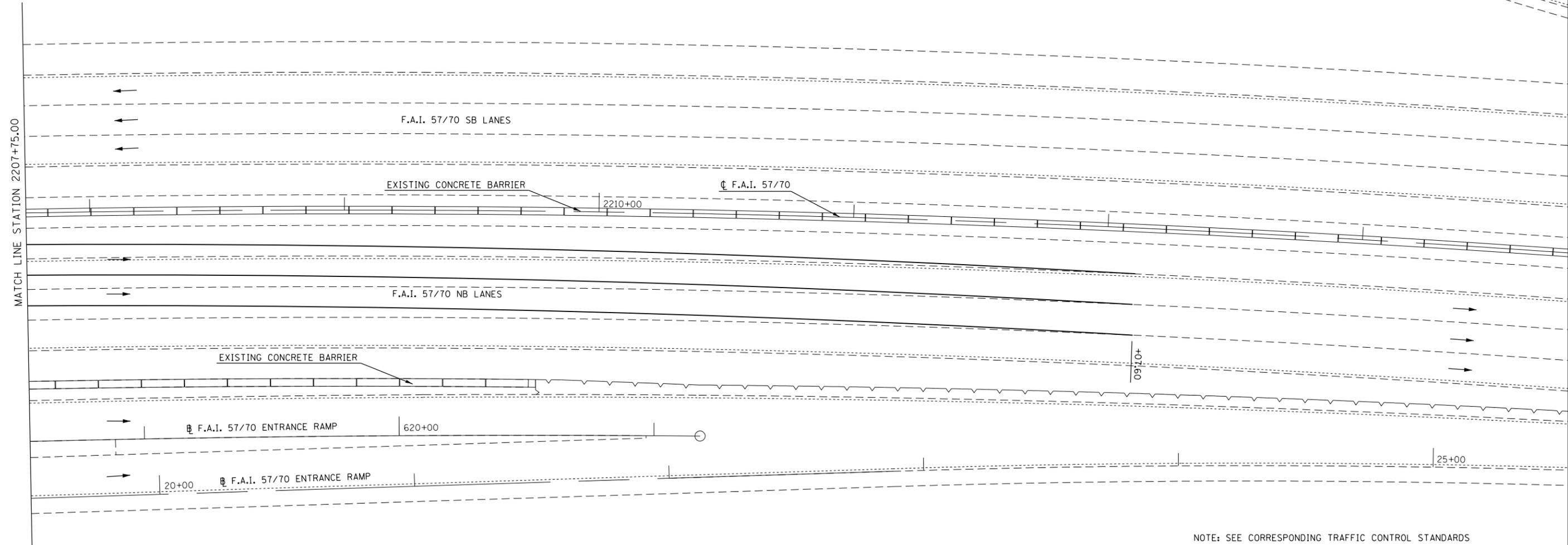
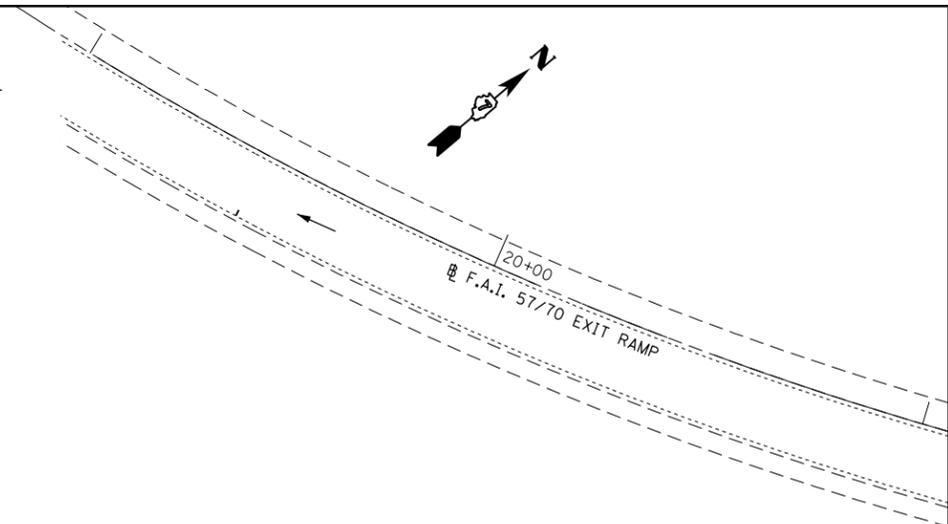
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE II DETAILS - LOCATION 1			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\7473\Drawings\CAD\Sheets\D774773-sht-plan.dgn	PLLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -					57/70	•	EFFINGHAM	42	12
Default	PLLOT DATE = 2/3/2017	DATE -	REVISED -		CONTRACT NO. 74773			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET 8	OF 9 SHEETS	STA.	TO STA.			

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE II TRAFFIC - LOCATION 1



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\7473\DRAWING\CAD\Sheets\D774773-sht-plan.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE II DETAILS - LOCATION 1

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

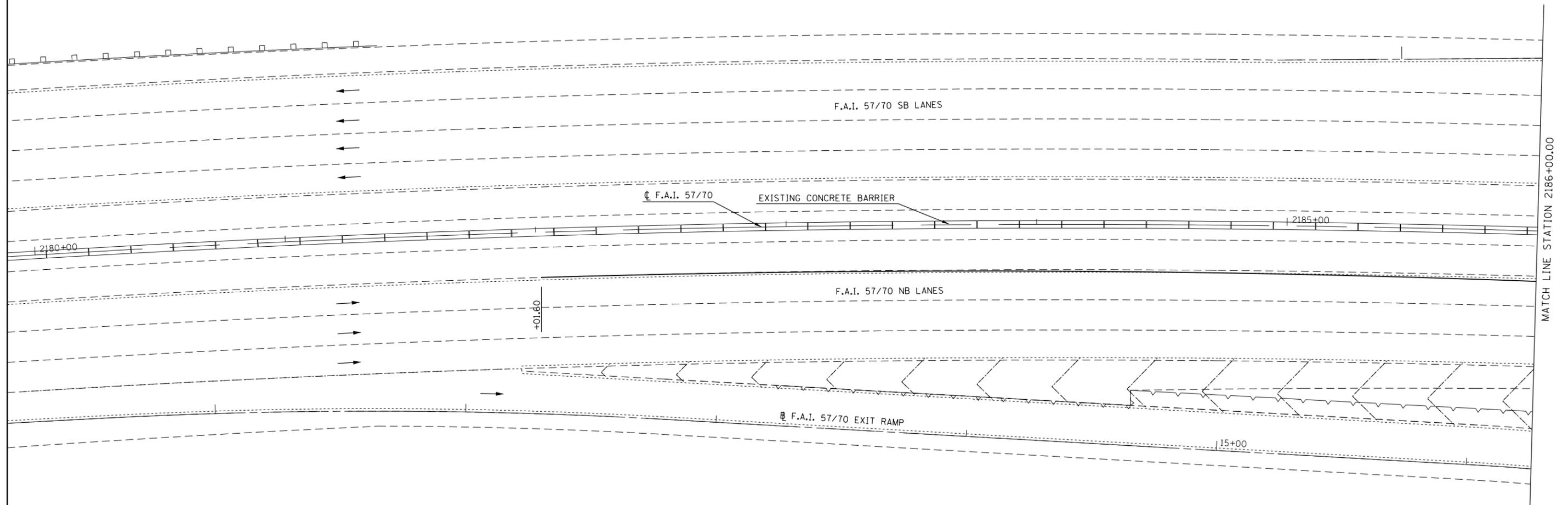
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	•	EFFINGHAM	42	13
			CONTRACT NO. 74773	
ILLINOIS FED. AID PROJECT				

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE III TRAFFIC – LOCATION 1



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\7473\Drawings\CAD\Sheets\0774773-sht-plan.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE III DETAILS – LOCATION 1

SCALE: SHEET 1 OF 7 SHEETS STA. TO STA.

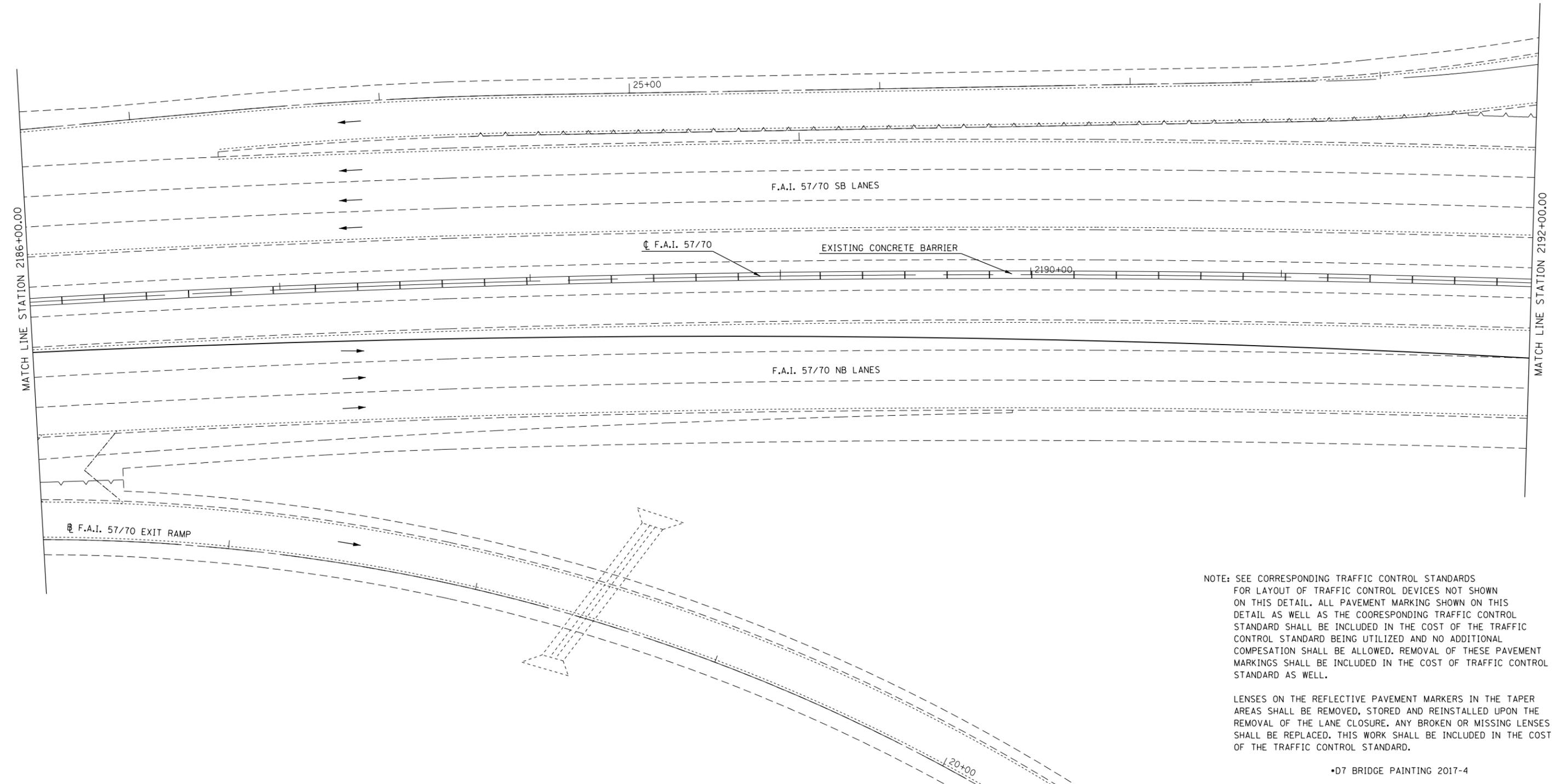
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	•	EFFINGHAM	42	14
CONTRACT NO. 74773				
ILLINOIS FED. AID PROJECT				

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE III TRAFFIC - LOCATION 1



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -
pw:\IL084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\7473\Drawings\CAD\Sheets\D774773-sht-plan.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE III DETAILS - LOCATION 1

SCALE: SHEET 2 OF 7 SHEETS STA. TO STA.

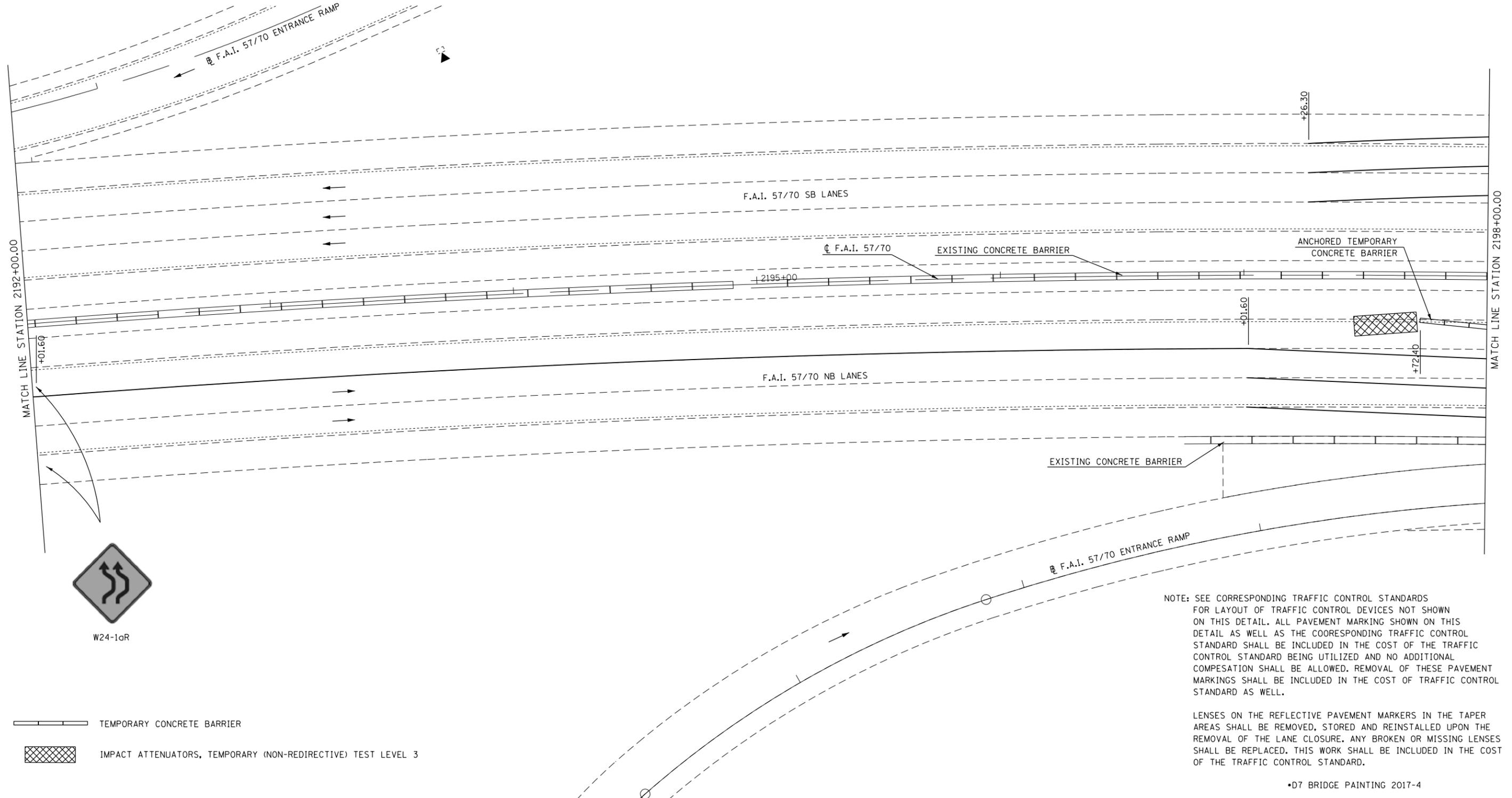
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	•	EFFINGHAM	42	15
CONTRACT NO. 74773			ILLINOIS FED. AID PROJECT	

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE III TRAFFIC – LOCATION 1



W24-10R

NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

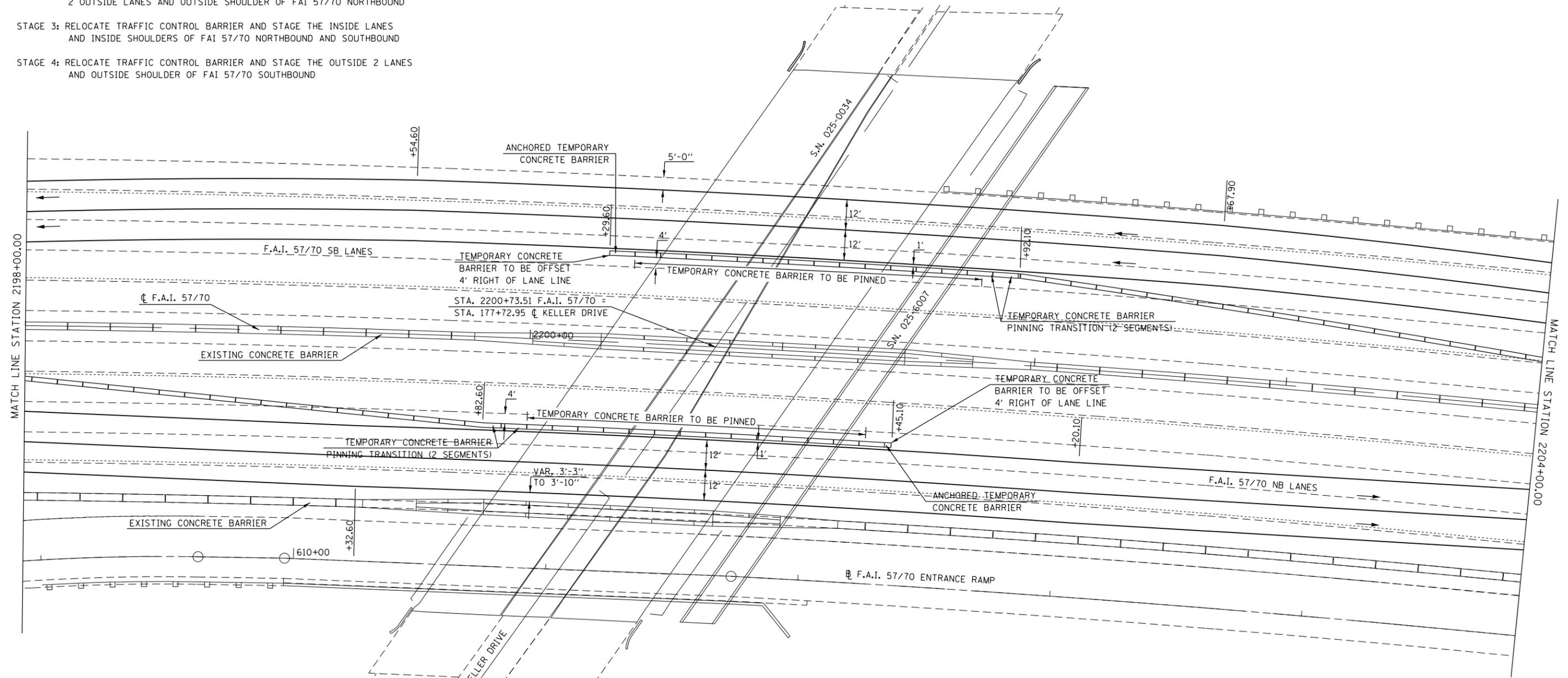
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE III DETAILS – LOCATION 1			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74773\Drawings\CAD\Sheets\0774773-sht-plan.dgn		DRAWN -	REVISED -		57/70	.	EFFINGHAM	42	16			
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74773							
	PLOT DATE = 2/3/2017	DATE -	REVISED -		SCALE:	SHEET 3 OF 7 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE III TRAFFIC - LOCATION 1



TEMPORARY CONCRETE BARRIER

NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE III DETAILS - LOCATION 1			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74773\Drawings\CAD\Sheets\0774773-sht-plan.dgn		DRAWN	REVISED -		57/70	•	EFFINGHAM	42	17			
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74773			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 2/3/2017	DATE -	REVISED -		SCALE:	SHEET 4 OF 7 SHEETS	STA.	TO STA.				

RECOMMENDED STAGING PLAN:

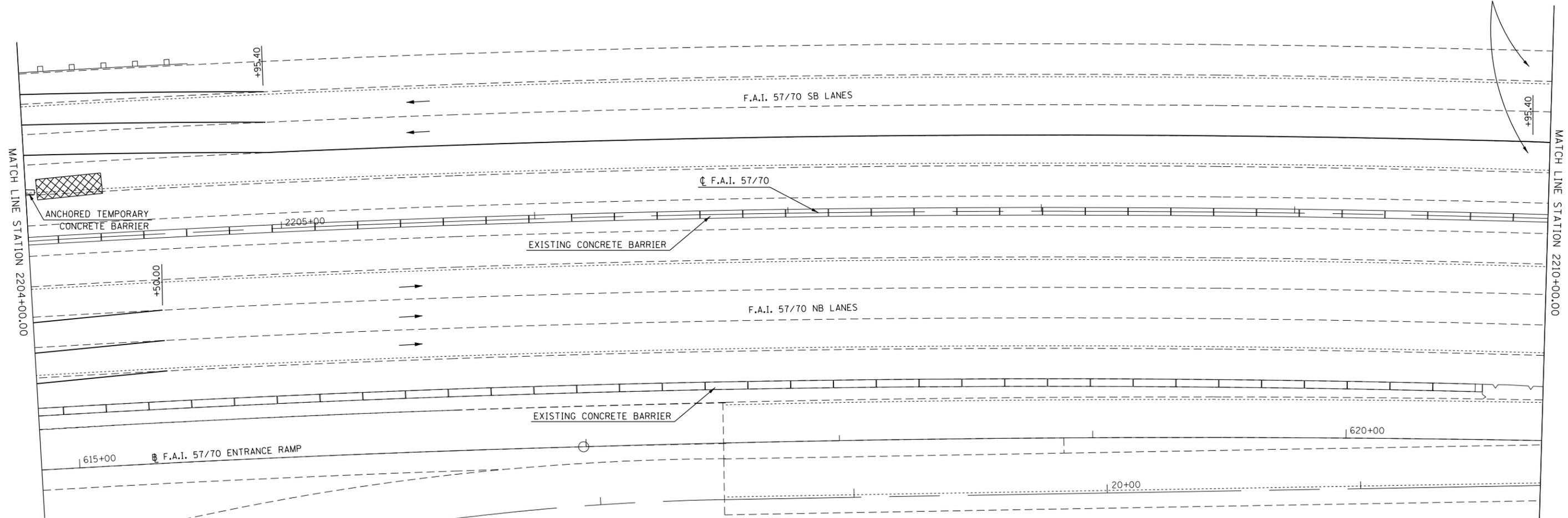
- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE III TRAFFIC – LOCATION 1



W24-1aR



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3

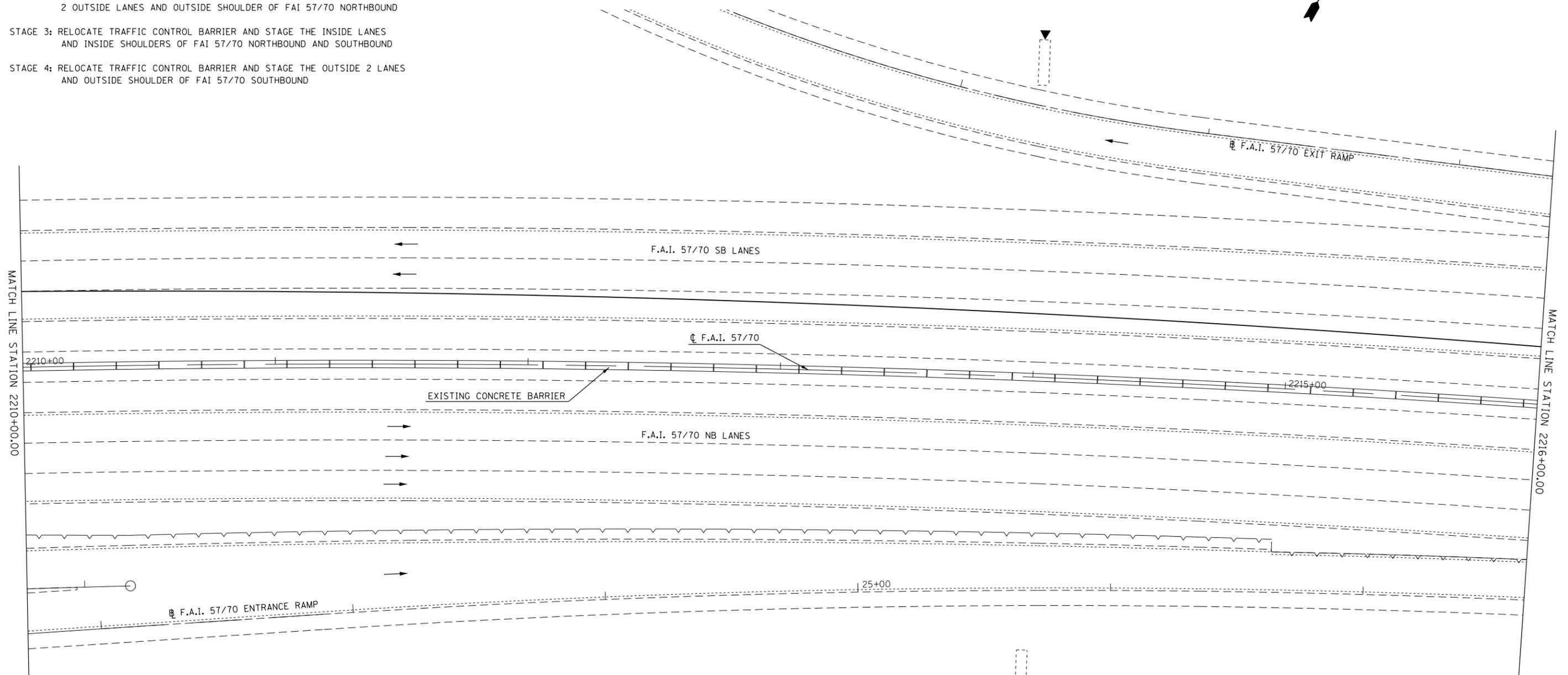
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE III DETAILS – LOCATION 1			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 7\Projects\74773\Drawings\CAD\Sheets\0774773-sht-plan.dgn		CHECKED -	REVISED -		57/70	•	EFFINGHAM	42	18			
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		CONTRACT NO. 74773			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 2/3/2017				SCALE:	SHEET 5 OF 7 SHEETS	STA.	TO STA.				

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE III TRAFFIC – LOCATION 1



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
p:\11\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\7473\Drawings\CAD\Sheets\D774773-sht-plan.dgn		REVISION	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE III DETAILS – LOCATION 1

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

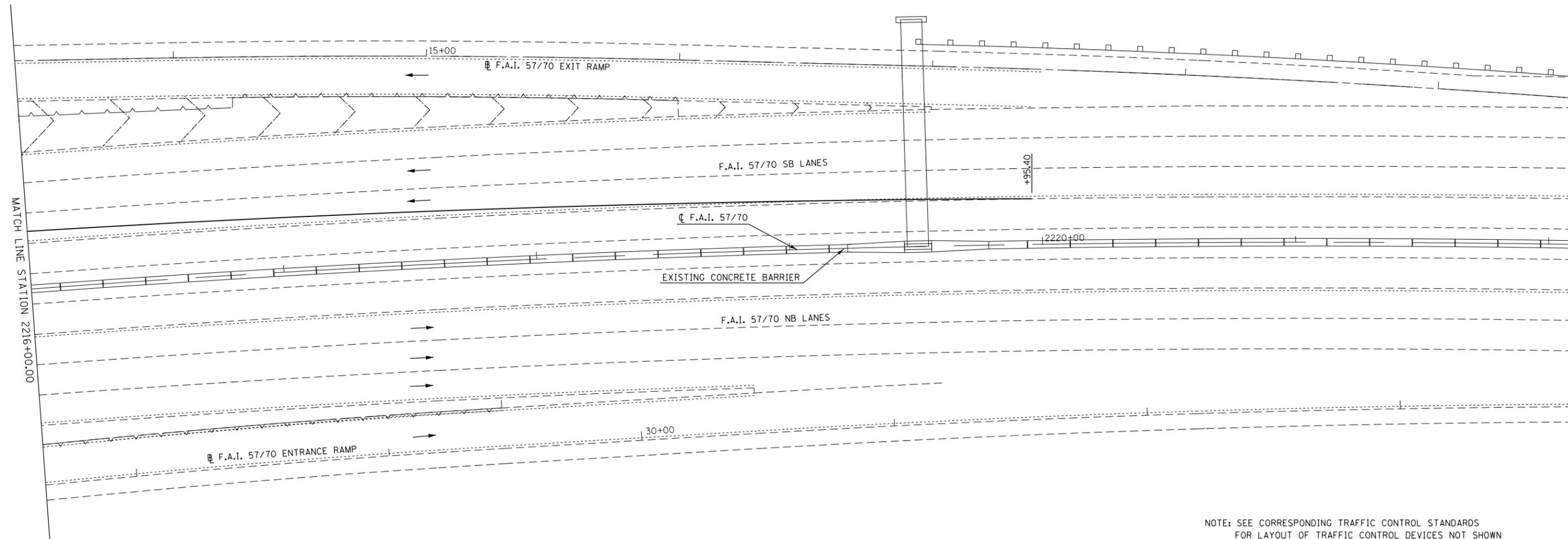
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	•	EFFINGHAM	42	19
CONTRACT NO. 74773				
ILLINOIS FED. AID PROJECT				

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE III TRAFFIC - LOCATION 1



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\7473\DRAWING\CAD\Sheets\0774773-sht-plan.dgn		REVISION	REVISION
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE III DETAILS - LOCATION 1

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

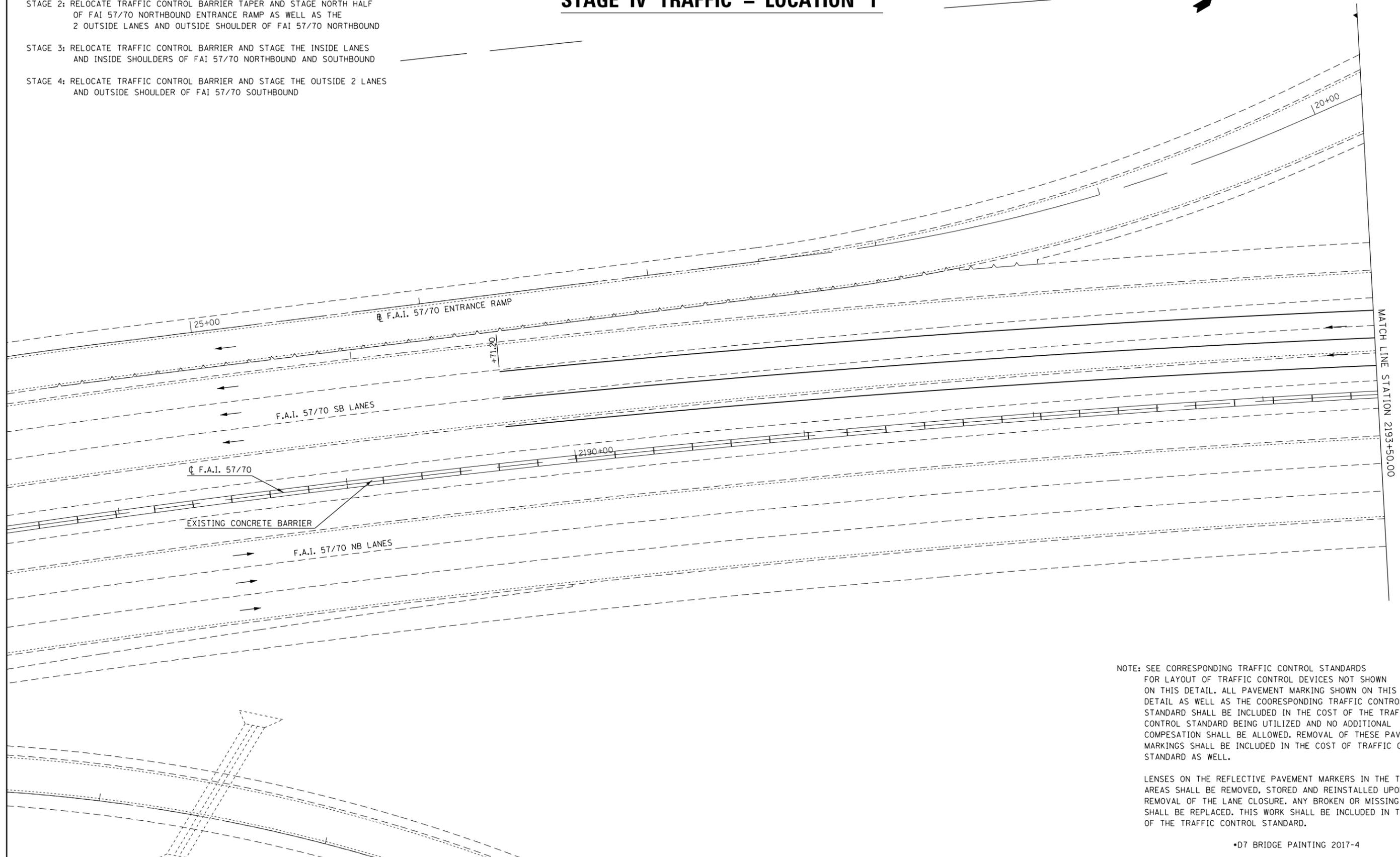
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	•	EFFINGHAM	42	20
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74773	

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE IV TRAFFIC - LOCATION 1



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

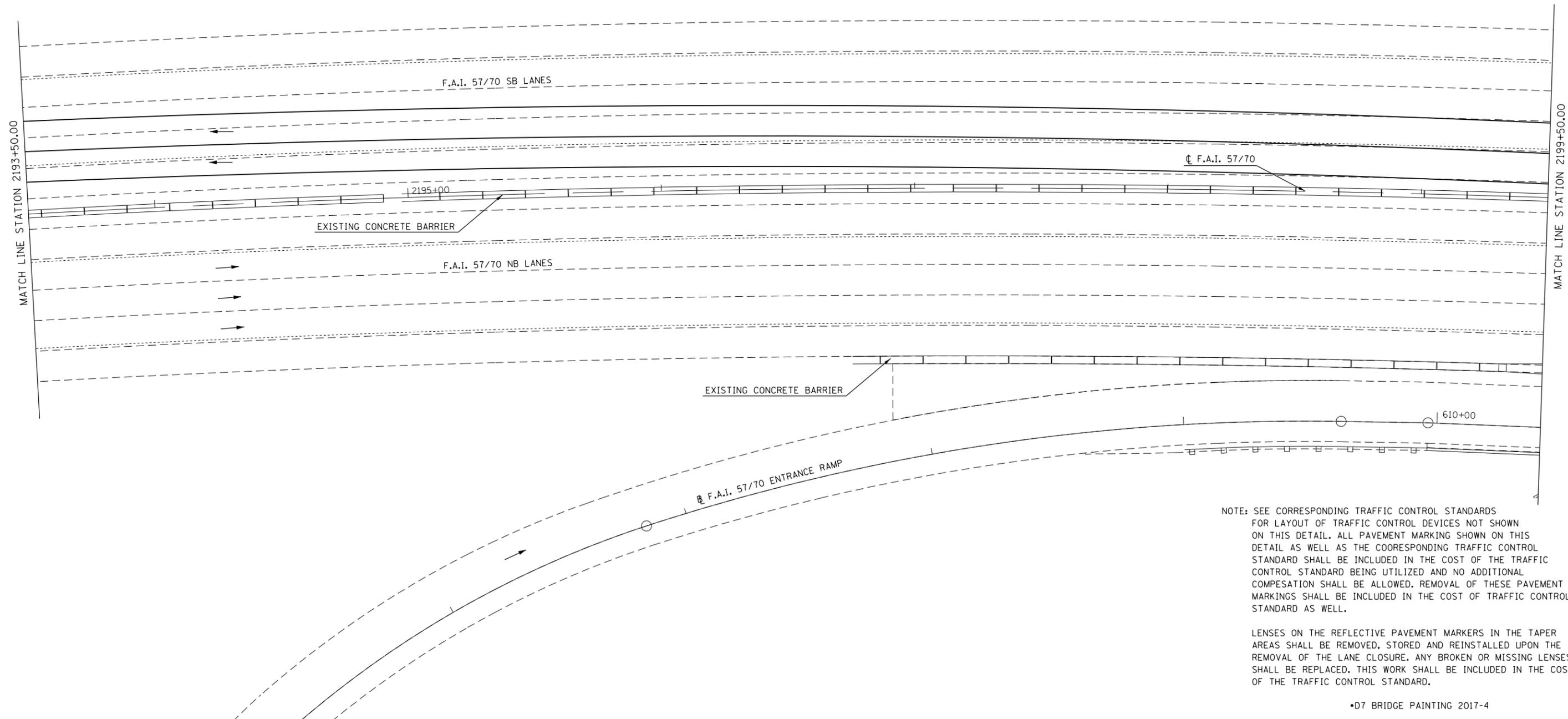
FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE IV DETAILS - LOCATION 1			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 7\Projects\7473\Drawings\CAD\Sheets\0774773-sht-plan.dgn		CHECKED -	REVISED -		57/70	•		42	21			
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		CONTRACT NO. 74773			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 2/3/2017				SCALE:	SHEET 1 OF 9 SHEETS	STA. TO STA.					

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE IV TRAFFIC – LOCATION 1



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE IV DETAILS – LOCATION 1			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74773\Drawings\CAD\Sheets\0774773-sht-plan.dgn		DRAWN -	REVISED -		57/70	•	EFFINGHAM	42	22			
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74773							
	PLOT DATE = 2/3/2017	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

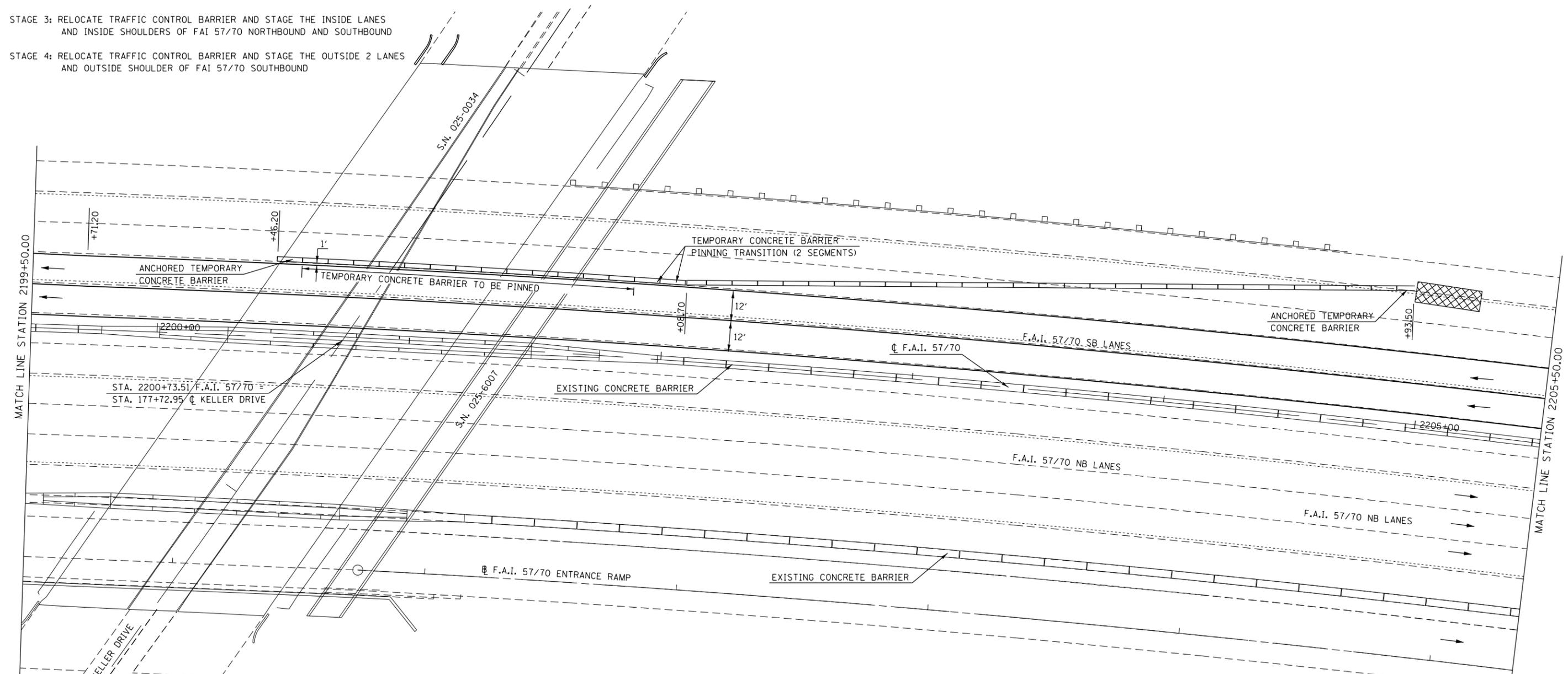
SCALE: SHEET 2 OF 9 SHEETS STA. TO STA.

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE IV TRAFFIC – LOCATION 1



TEMPORARY CONCRETE BARRIER
 IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3

NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

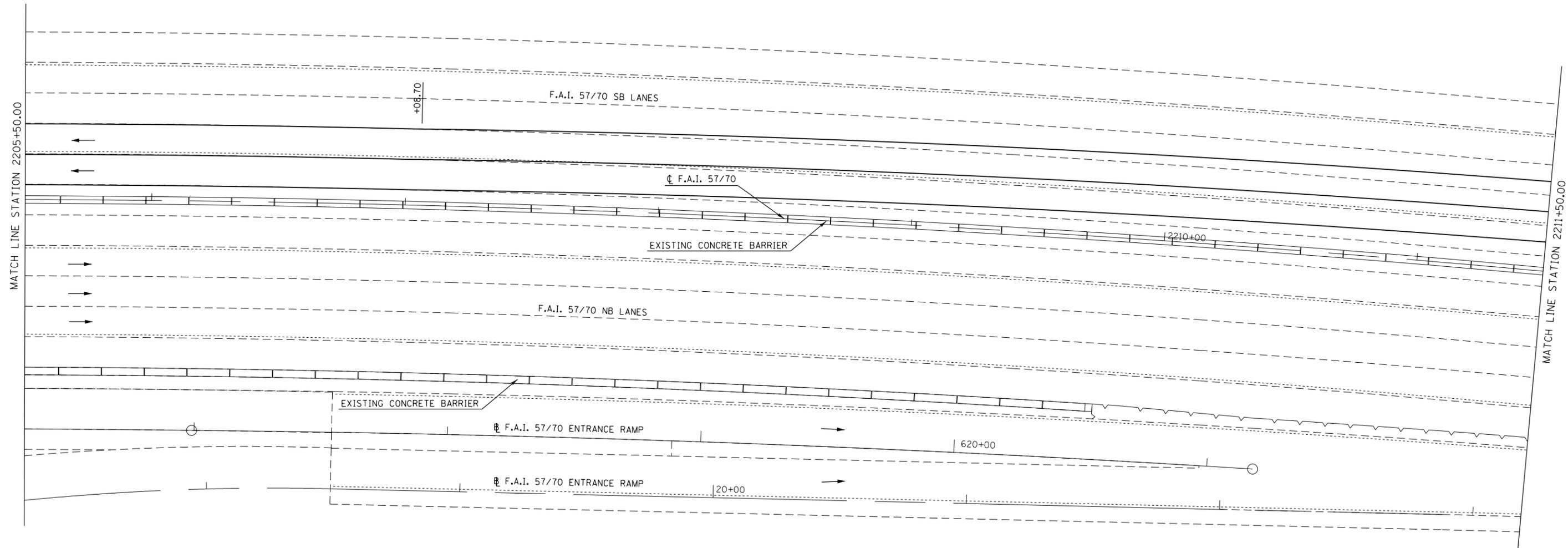
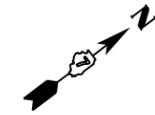
FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE IV DETAILS – LOCATION 1			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBID\INTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\7473\Drawings\CAD\Sheets\D774773-sht-plan.dgn	DESIGNED -	REVISED -	REVISED -					57/70	.	EFFINGHAM	42	23
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74773							
	PLOT DATE = 2/3/2017	DATE -	REVISED -		SCALE:	SHEET 3 OF 9 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE IV TRAFFIC – LOCATION 1



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

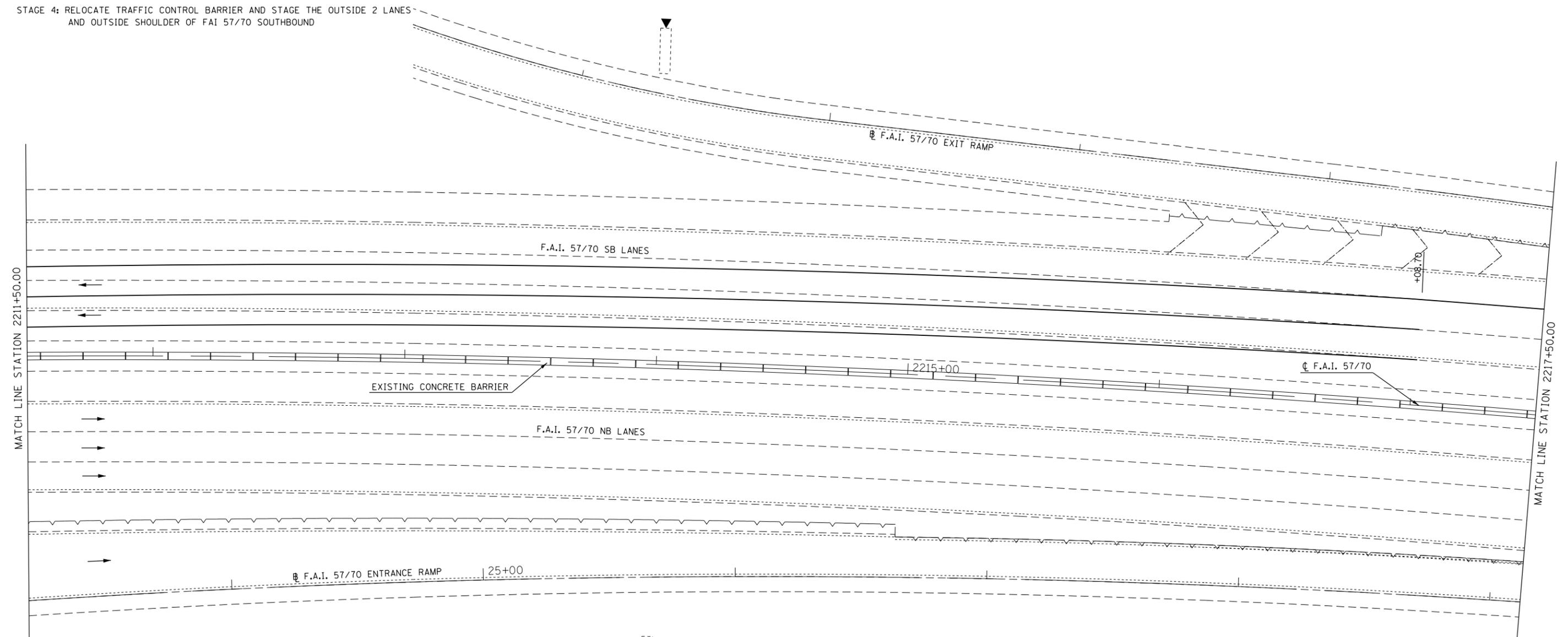
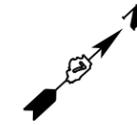
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE IV DETAILS – LOCATION 1			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\7473\Drawings\CAD\Sheets\0774773-sht-plan.dgn		DRAWN -	REVISED -		57/70	•	EFFINGHAM	42	24			
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74773							
	PLOT DATE = 2/3/2017	DATE -	REVISED -		SCALE:	SHEET 4 OF 9 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE IV TRAFFIC – LOCATION 1



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\7473\Drawings\CAD\Sheets\0774773-sht-plan.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE IV DETAILS – LOCATION 1

SCALE: SHEET 5 OF 9 SHEETS STA. TO STA.

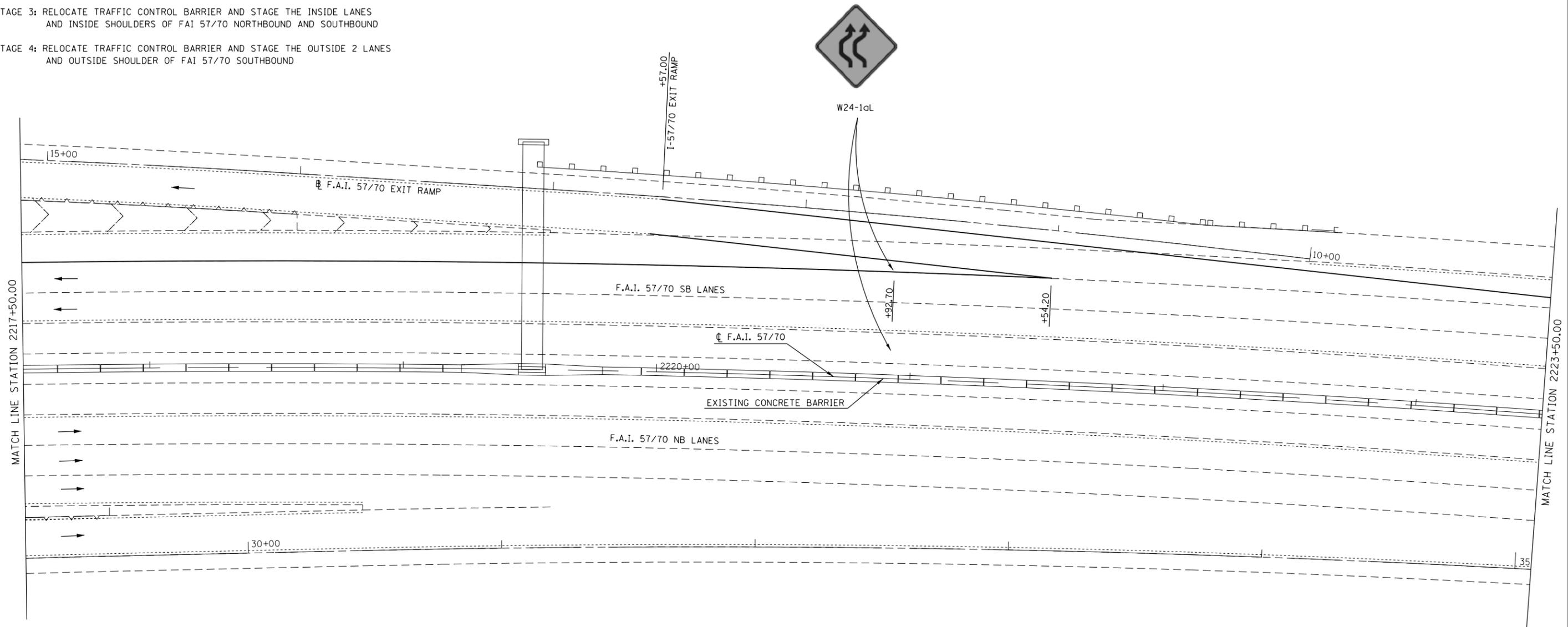
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	•	EFFINGHAM	42	25
				CONTRACT NO. 74773
ILLINOIS FED. AID PROJECT				

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE IV TRAFFIC – LOCATION 1



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\7473\Drawings\CADsheets\0774773-sht-plan.dgn		REVISION	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE IV DETAILS – LOCATION 1

SCALE: SHEET 6 OF 9 SHEETS STA. TO STA.

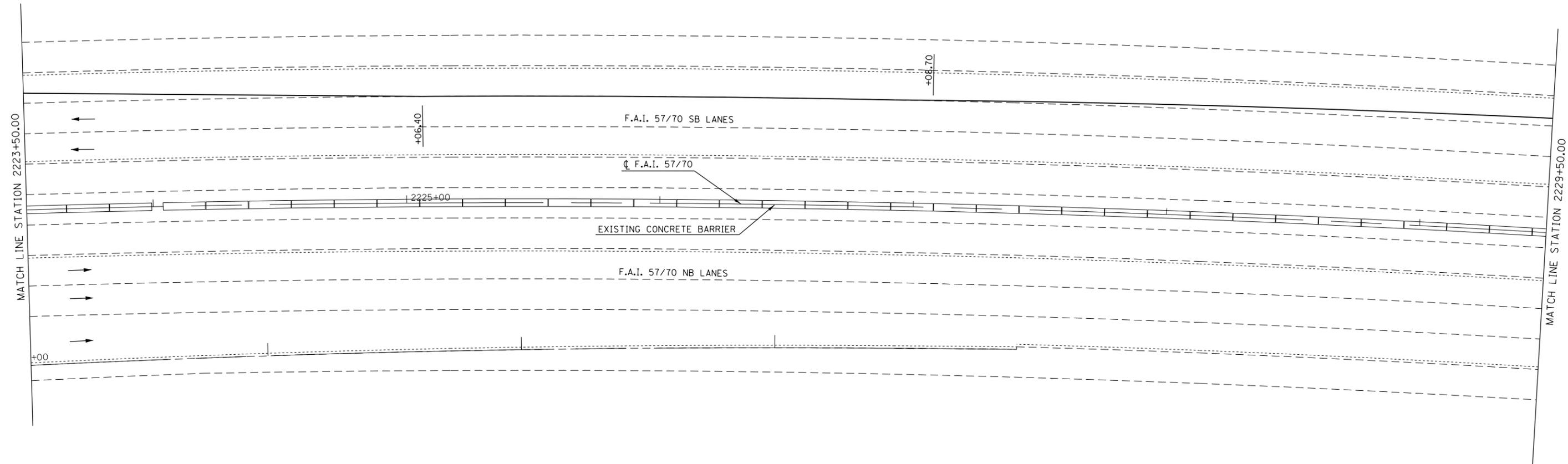
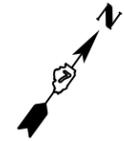
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	•	EFFINGHAM	42	26
			CONTRACT NO. 74773	
ILLINOIS FED. AID PROJECT				

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE IV TRAFFIC – LOCATION 1



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

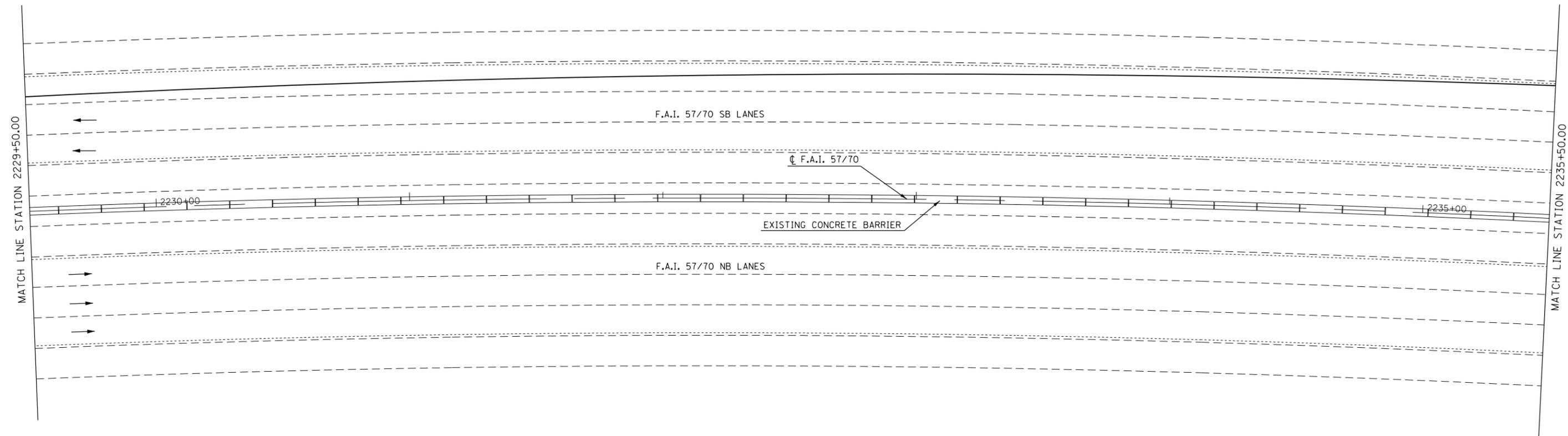
FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE IV DETAILS – LOCATION 1			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\7473\Drawings\CAD\Sheets\0774773-sht-plan.dgn	DRAWN	CHECKED -	REVISED -					57/70	•	EFFINGHAM	42	27
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		CONTRACT NO. 74773			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 2/3/2017				SCALE:	SHEET 7 OF 9 SHEETS	STA.	TO STA.				

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE IV TRAFFIC – LOCATION 1



NOTE: SEE CORRESPONDING TRAFFIC CONTROL STANDARDS FOR LAYOUT OF TRAFFIC CONTROL DEVICES NOT SHOWN ON THIS DETAIL. ALL PAVEMENT MARKING SHOWN ON THIS DETAIL AS WELL AS THE COORESPONDING TRAFFIC CONTROL STANDARD SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD BEING UTILIZED AND NO ADDITIONAL COMPESATION SHALL BE ALLOWED. REMOVAL OF THESE PAVEMENT MARKINGS SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD AS WELL.

LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\7473\Drawings\CAD\Sheets\0774773-sht-plan.dgn		DRAWN -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 2/3/2017	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGE IV DETAILS – LOCATION 1

SCALE: SHEET 8 OF 9 SHEETS STA. TO STA.

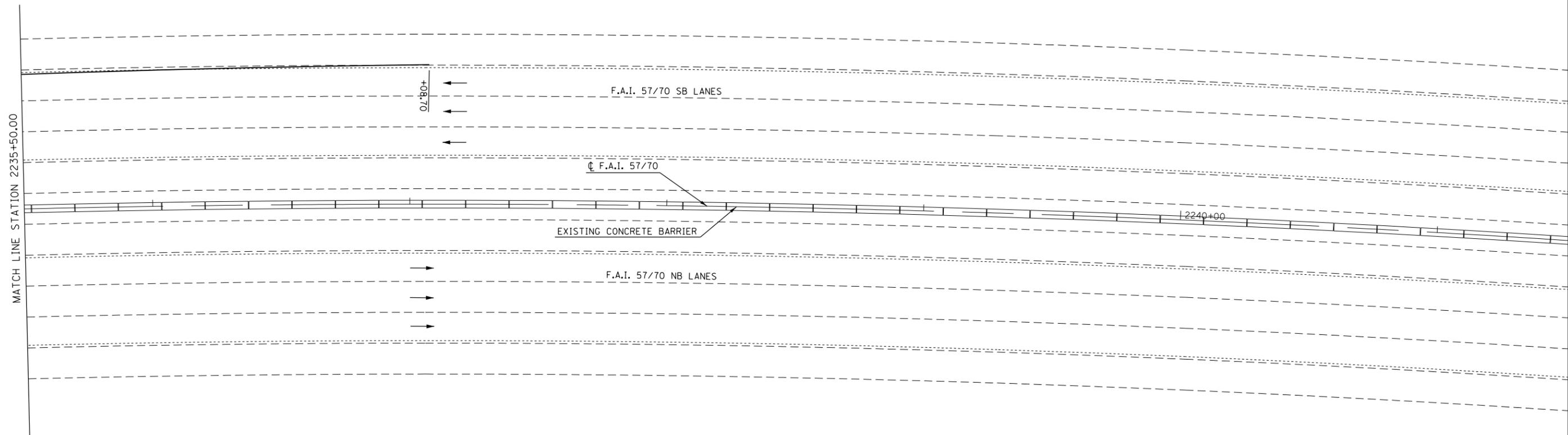
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57/70	•	EFFINGHAM	42	28
			CONTRACT NO. 74773	
ILLINOIS FED. AID PROJECT				

RECOMMENDED STAGING PLAN:

- STAGE 1: STAGE SOUTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP
- STAGE 2: RELOCATE TRAFFIC CONTROL BARRIER TAPER AND STAGE NORTH HALF OF FAI 57/70 NORTHBOUND ENTRANCE RAMP AS WELL AS THE 2 OUTSIDE LANES AND OUTSIDE SHOULDER OF FAI 57/70 NORTHBOUND
- STAGE 3: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE INSIDE LANES AND INSIDE SHOULDERS OF FAI 57/70 NORTHBOUND AND SOUTHBOUND
- STAGE 4: RELOCATE TRAFFIC CONTROL BARRIER AND STAGE THE OUTSIDE 2 LANES AND OUTSIDE SHOULDER OF FAI 57/70 SOUTHBOUND

STRIPING & TEMPORARY CONCRETE BARRIER DETAILS

STAGE IV TRAFFIC – LOCATION 1



LENSES ON THE REFLECTIVE PAVEMENT MARKERS IN THE TAPER AREAS SHALL BE REMOVED, STORED AND REINSTALLED UPON THE REMOVAL OF THE LANE CLOSURE. ANY BROKEN OR MISSING LENSES SHALL BE REPLACED. THIS WORK SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL STANDARD.

•D7 BRIDGE PAINTING 2017-4

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE IV DETAILS – LOCATION 1			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\7473\Drawings\CAD\Sheets\0774773-sht-plan.dgn	3/23/2017	CHECKED -	REVISED -					57/70	•	EFFINGHAM	42	29
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		CONTRACT NO. 74773			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 2/3/2017	DATE -	REVISED -		SCALE:	SHEET 9 OF 9 SHEETS	STA.	TO STA.				

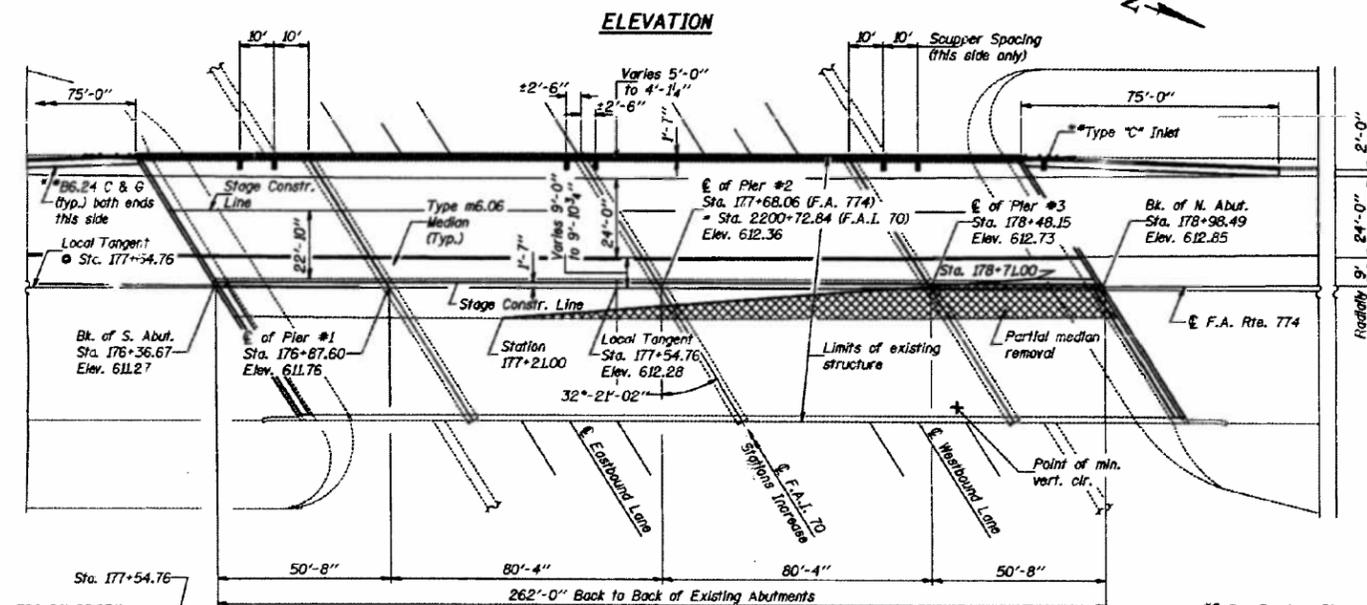
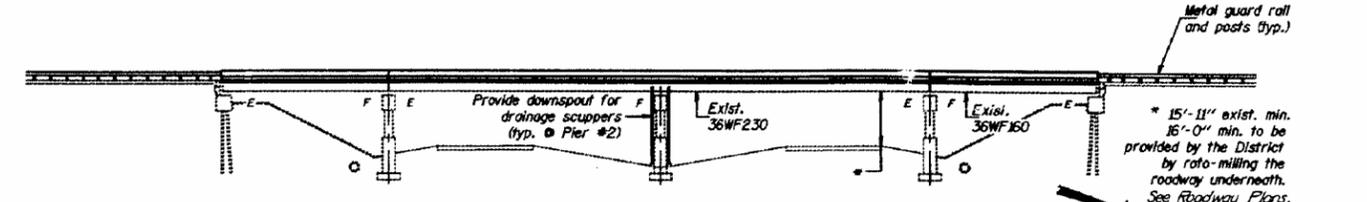
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DATE	BY	CHKD	APP'D	SHEET NO. 1
1/25/2017	STEFFENIK	WILSON	WILSON	21 SHEETS

Bench Mark Chiseled "C" on S.W. corner of bridge on w. ledge
36' Lt. Sta. 176+14.00, Elev. 610.91
Existing Structure: S.N. 025-0034 was built in 1959 as F.A.I. Route 7 Section 25-3HB-2 and widened in 1974 as F.A. Route 174 Section 25-3HB-2. This is a four span WF beam structure on open abutments and multi-column hammerhead piers with crashwalls. The bridge has a back to back length of 262'-0" and an out to out dimension of 78'-2". The south bound portion of the deck is to be removed and replaced using the existing steel and substructure. For the north bound lanes, remove existing wearing surface, repair the deck as required and provide new Class 1 and W.M.S.
Stage Construction
No salvage

GENERAL NOTES

Expansion joint plates and attached bars shall be shop painted with the zinc-silicate primer.
Field welding of construction accessories will not be permitted to the bottom flange of beams nor to the top flange for a distance equal to one-fourth the span length each way from the pier supports. Field welding in other areas will be permitted only when approved by the Engineer.
Reinforcement bars shall conform to the requirements of AASHTO M-31 M-42 or M-53 Grade 60.
Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be the Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in the scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
Protective Coat shall not be applied to surfaces to which Waterproofing Membrane System is applied.
The Contractor will be required to mark, on top of the concrete deck, the locations of the top flange of all the steel beams, prior to any removal of the bridge concrete deck. Saw cutting directly over the top of the beam flanges is not permitted.
Prior to pouring the new concrete for the deck, all loose rust, loose mill scale, loose paint and all other foreign material shall be removed from the embedded portions of flanges of stringers. The removal shall be accomplished in accordance with the requirements of the SSPC Surface Preparation Specifications SP7 for Brush-Off Blast Cleaning. Cost shall be incidental to concrete removal.
Bridge Seat Sealer shall be applied to the seat area of the abutments, pier 1 and 3. Estimated quantity = 123 Sq. Yd.



CURVE DATA:
€ F.A.I. 70
P.I. Sta. = 2221+21.53
Δ = 64°-50'-10"
D = 00°-50'-00"
R = 6875.55'
T = 4366.40'
L = 7790.33'
E = 1269.23'
S.E. = .017' dt. in 100'
P.C. Sta. = 2177+55.13
P.T. Sta. = 2255+35.46

CURVE DATA:
€ F.A.I. 774
P.I. Sta. = 178+87.56
Δ = 04°-08'-01"
D = 00°-29'-56.7"
R = 11,880.15'
T = 414.30'
L = 828.24'
E = 7.47'
S.E. = None
P.C. Sta. = 174+73.26
P.T. Sta. = 183+01.50

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Bituminous Concrete Surface Course, Class 1, Mixture E, Type I	Ton	81		81
Concrete Removal	Cu. Yd.	54		54
Removal of Existing Concrete Deck	Each	1		1
Preformed Joint Seal 2 1/2"	Lin. Ft.	367		367
Class X Concrete Superstructure	Cu. Yd.	304.8		304.8
Protective Coat	Sq. Yd.	328		328
Class X Concrete	Cu. Yd.	22.7		22.7
Stud Shear Connectors	Each	2268		2268
Structural Steel	Pound	21710		21710
Reinforcement Bars, Epoxy Coated	Pound	68880		68880
Bridge Seat Sealer	L.S.	1		1
Drainage Scuppers	Each	6		6
Drainage System	L.S.	1		1
Deck Slab Repair (Full Depth Type I)	Sq. Yd.	2		2
Deck Slab Repair (Partial)	Sq. Yd.	9		9
Repair Concrete Structures	Sq. Ft.		48	48
Cleaning and Painting	L. Sum	1		1
Bituminous Concrete Surface Removal	Sq. Yd.	832		832
Waterproofing Membrane System	Sq. Yd.	986		986

** See Roadway Plans
*** For south bound structure only.
@ For southbound structure only, for paint see Special Provisions.

DESIGN SPECIFICATIONS

AASHTO (1983) and applicable Interims (1984 thru 1987)

DESIGN STRESSES

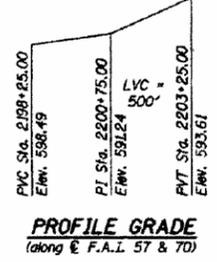
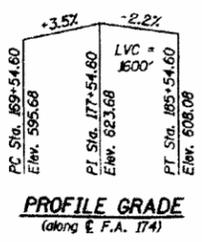
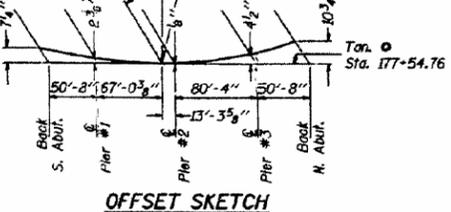
FIELD UNITS
f_c = 3,500 psi
f_y = 60,000 psi (reinforcement)
f_s = 18,000 psi (existing structural steel)

LOADING HS20-44

Allow 25#/sq. ft. for future wearing surface.



GENERAL PLAN
IL. RTE. 32 & 33 (F.A. 774) OVER
F.A.I. RTE. 57 & 70
F.A.I. RTE. 70 - SEC. 25-3HB-21
EFFINGHAM CO.
STA. 2200+72.84
STRUCTURE NO. 025-0034



DESIGNED: [Signature]
CHECKED: [Signature]
DRAWN: [Signature]
DATE: 1/25/2017

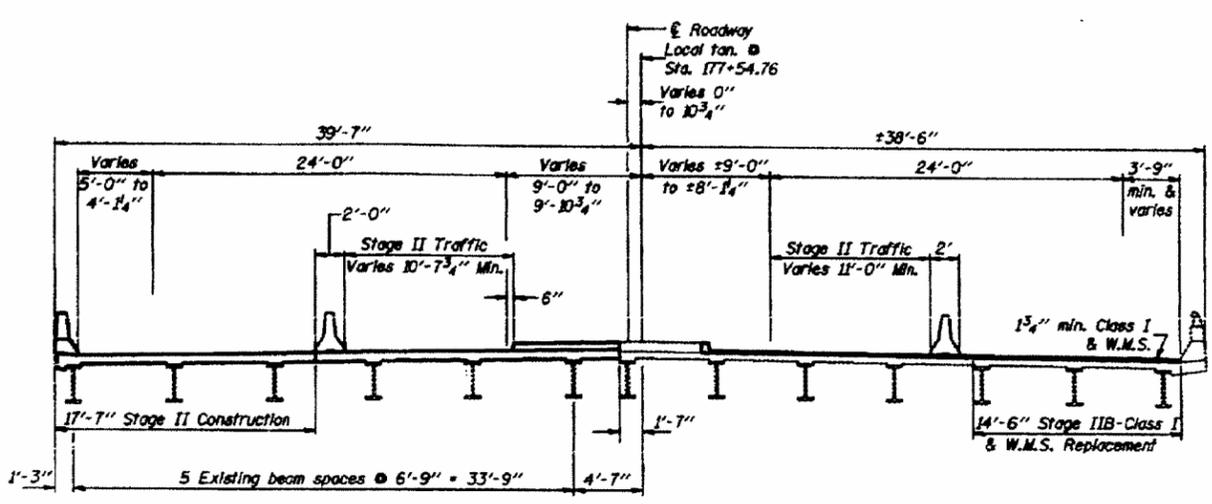
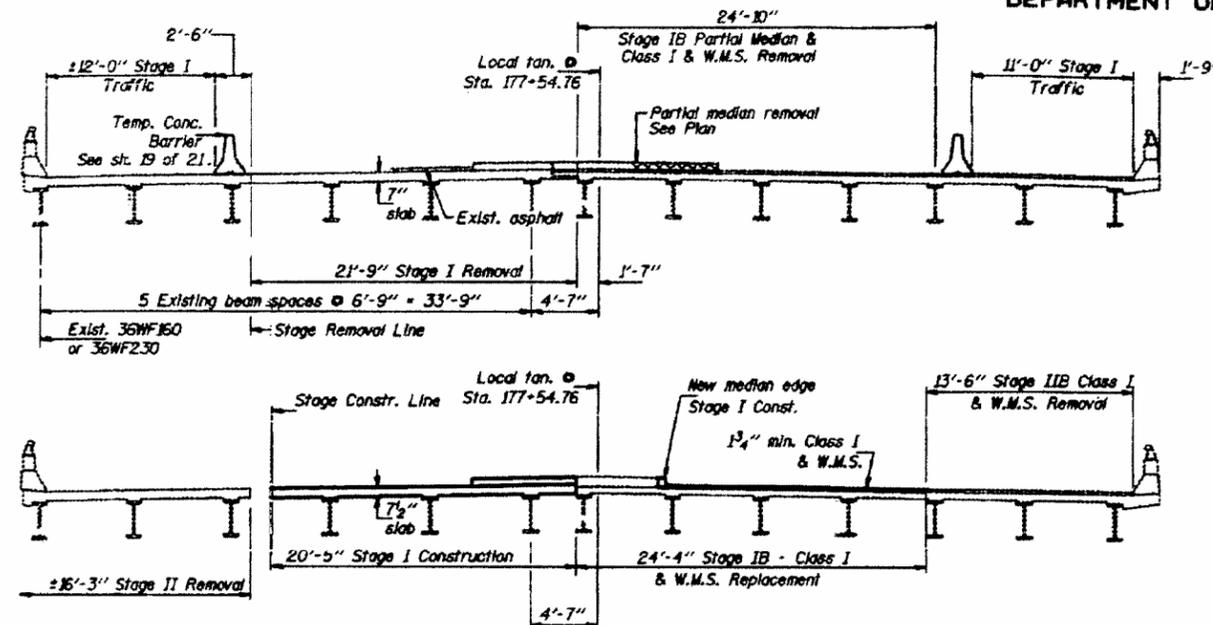


FOR INFORMATION ONLY

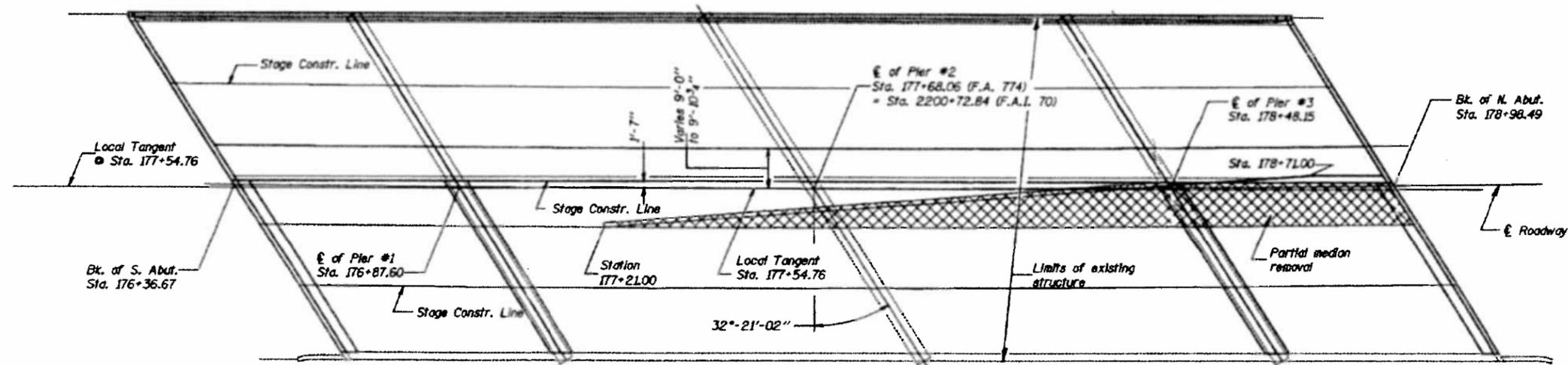
FILE NAME: pw\11084EBIDINTEG\11nois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\7477\DRAWING\CAB\sheet\0774773-sht-details	USER NAME: steffennik	DESIGNED: [Signature]	REVISED: [Signature]	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING PLAN STRUCTURE 025-0034	F.A.I. RTE. 57/70	SECTION	COUNTY EFFINGHAM	TOTAL SHEETS 42	SHEET NO. 30
PLOT SCALE: 100.0000' / in.	DATE: 2/3/2017	CHECKED: [Signature]	REVISED: [Signature]	SCALE: N/A	SHEET 1 OF 5 SHEETS	CONTRACT NO. 74773	ILLINOIS FED. AID PROJECT			

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DATE	NO.	BY	CHKD.	REV.	SHEET NO. 2
10-20-17	25	EFFINGHAM	110	4	21 SHEETS

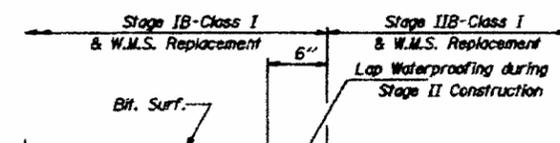


STAGE REMOVAL AND CONSTRUCTION
(Looking North)



PLAN

Notes: Stage I and Stage II Removal is billed as Removal of Existing Concrete Deck.
Partial median removal is billed as Concrete Removal.



DETAIL "A"

GENERAL DATA
F.A.I. RT. 70 SEC. 25-34BY-21
EFFINGHAM COUNTY
STA. 2200+72.84

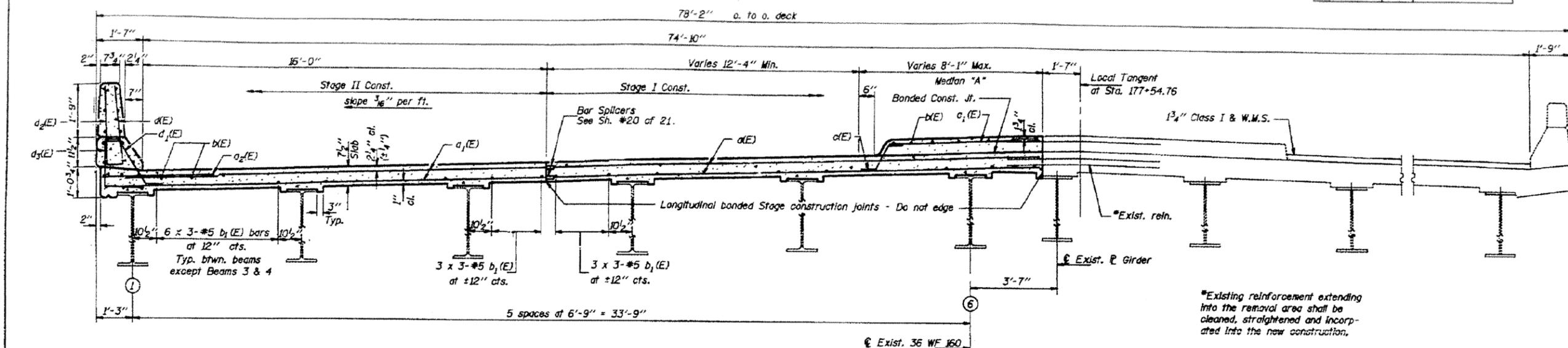
DESIGNED: <i>[Signature]</i>	DATE: Jan 5 2017
CHECKED: <i>[Signature]</i>	DRAWN: <i>[Signature]</i>
DRAWN: J.T. Downing	APPROVED: <i>[Signature]</i>
CHECKED: LSH	

FOR INFORMATION ONLY

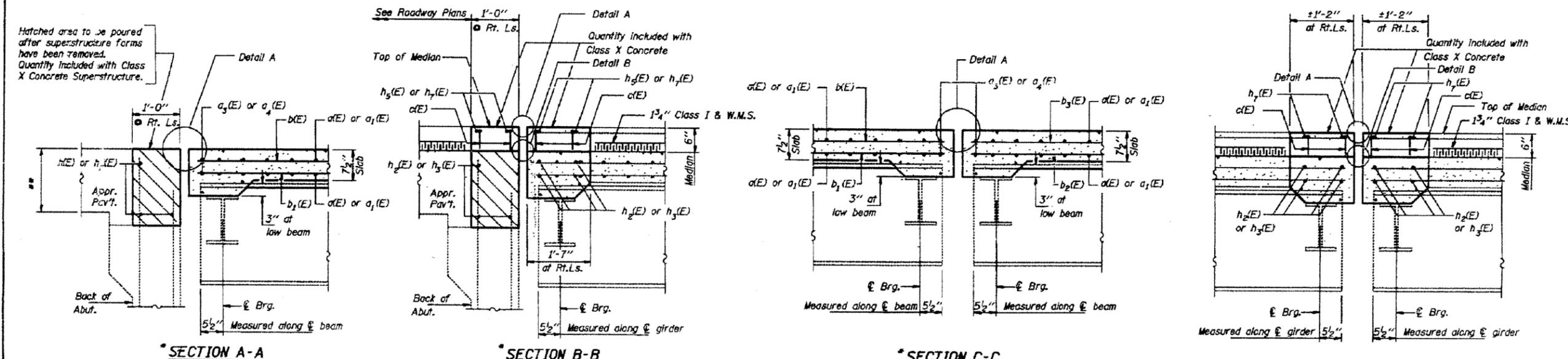
FILE NAME: pw\11084EBID\INTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74773\CAD\Sheets\0774773-sht-details	USER NAME: steffennk	DESIGNED: [Signature]	REVISED: [Signature]	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING PLAN STRUCTURE 025-0034	F.A.I. RT. 70	SECTION: .	COUNTY: EFFINGHAM	TOTAL SHEETS: 42	SHEET NO.: 31
Default	PLOT SCALE: 100.0000' / in.	CHECKED: [Signature]	REVISED: [Signature]	SCALE: N/A	SHEET 2 OF 5 SHEETS	57/70		CONTRACT NO. 74773	ILLINOIS FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DATE	BY	CHKD	APP'D	SHEET NO.
25-2017	EFFENBERG	110	68	21 SHEETS



CROSS SECTION
(Looking North)



** Varies from 1'-4 1/2" to 2'-2 3/8" at S. Abut.
Varies from 1'-4 1/2" to 2'-0 3/8" at N. Abut.

DESIGNED: <i>John P. Downey</i>	EXAMINED: <i>Jan 5 1997</i>
CHECKED: <i>John P. Downey</i>	DRAWN: <i>John P. Downey</i>
DRAWN: <i>J.T. Downing</i>	APPROVED: <i>Ralph E. Anderson</i>
CHECKED: <i>LSH</i>	

**SPAN 1
SUPERSTRUCTURE**
F.A.I. RT. 70 SEC. 25-3HBY-21
EFFINGHAM COUNTY
STA. 2200+72.84

FOR INFORMATION ONLY

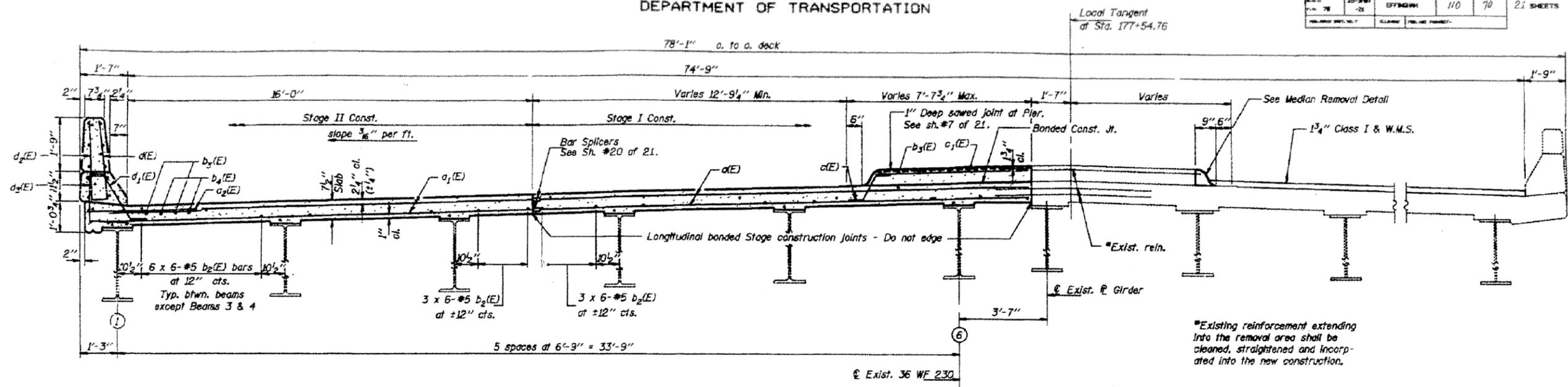
FILE NAME: pw\11084EBID\INTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\74773\CAD\Sheets\0774773-sht-details	USER NAME: steffennk	DESIGNED: -	REVISED: -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING PLAN STRUCTURE 025-0034	F.A.I. RT. 70	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	PLOT SCALE: 100.0000 / in.	CHECKED: -	REVISED: -	SCALE: N/A	SHEET 3 OF 5 SHEETS	57/70		EFFINGHAM	42	32
	PLOT DATE: 2/3/2017	DATE: -	REVISED: -	TO STA.	TO STA.	CONTRACT NO. 74773				

• D7 BRIDGE PAINTING 2017-4

ILLINOIS FED. AID PROJECT

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DATE	25-3-87	PROJECT	EFFINGHAM	NO.	110	70	SHEET NO. 8
REVISED		DATE		NO.			21 SHEETS

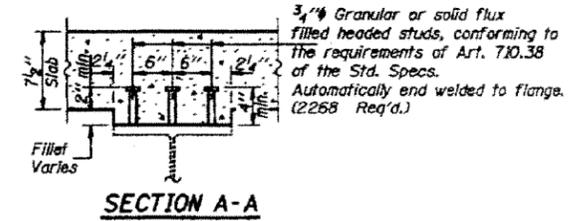
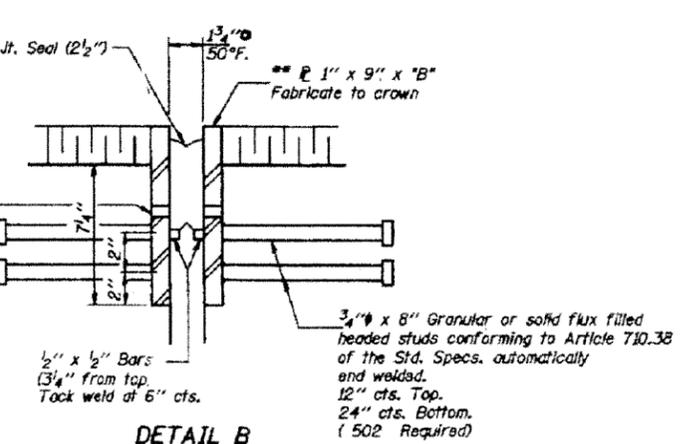
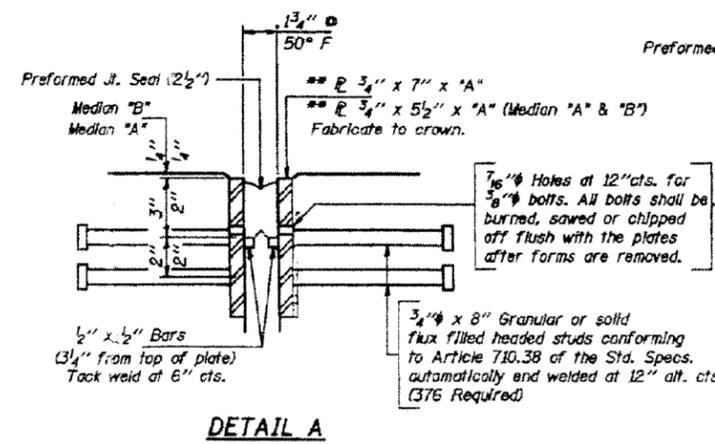
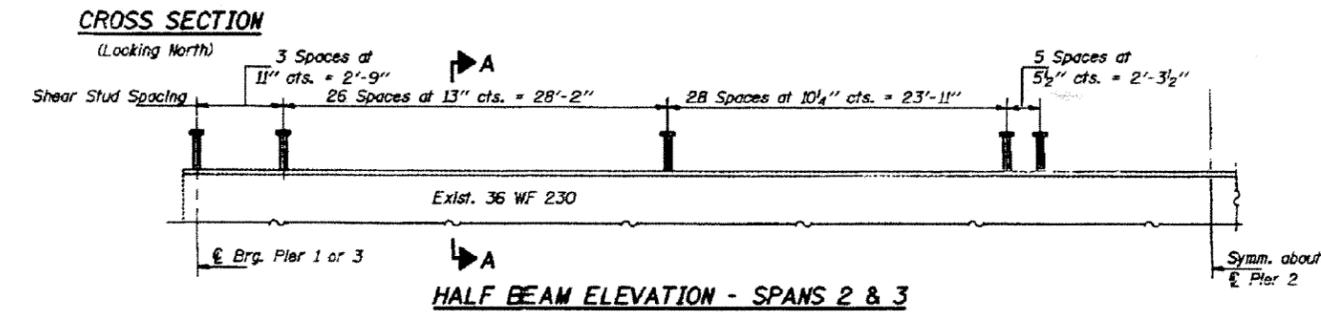


DIMENSIONS "A"

	Stage I	Stage II	Median A	Median B
South Abut.	15'-2"	18'-11"	8'-5 7/8"	10'-8"
Pier 1	15'-8 1/4"	18'-11"	7'-11 1/2"	11'-2"
Pier 3	15'-7"	18'-11"	6'-10 1/4"	
North Abut.	14'-11 5/8"	18'-11"	5'-3"	

DIMENSIONS "B"

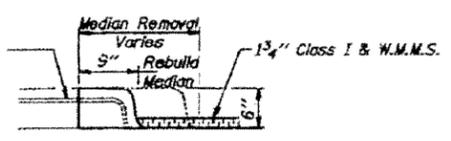
	Stage IB	Stage IIB
South Abut.	17'-7 1/2"	16'-6 3/4"
Pier 1	17'-1 3/4"	16'-6 3/4"
Pier 3	29'-6"	16'-6 3/4"
North Abut.	31'-9"	16'-6 3/4"



DESIGNED	<i>John S. ...</i>	DATE	7/25/92
CHECKED	<i>John S. ...</i>	APPROVED	<i>John S. ...</i>
DRAWN	J.T. Downing	APPROVED	<i>John S. ...</i>
CHECKED	L.S.H.	APPROVED	<i>John S. ...</i>

** Furnish in segments of 20 ft. maximum length. Maximum space between installed segments shall be 3/8". Seal space with Silicone Sealant suitable for Structural Steel.

Existing reinforcement extending into the removal area shall be cleaned, straightened and incorporated into the new construction, as directed by the Engineer. 9" Rebuild median quantity is included in Class X Concrete.



**SPANS 2 & 3
SUPERSTRUCTURE**
F.A.I. RT. 70 SEC. 25-3HBY-21
EFFINGHAM COUNTY
STA. 2200+72.84

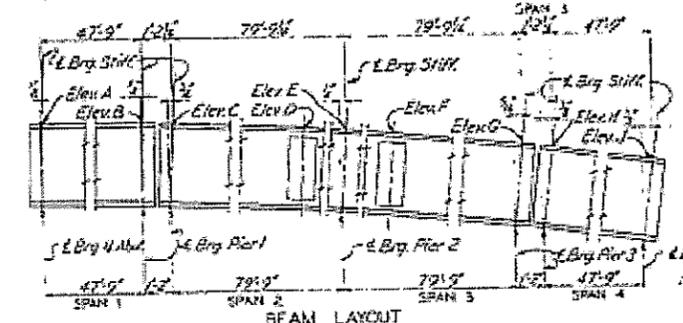
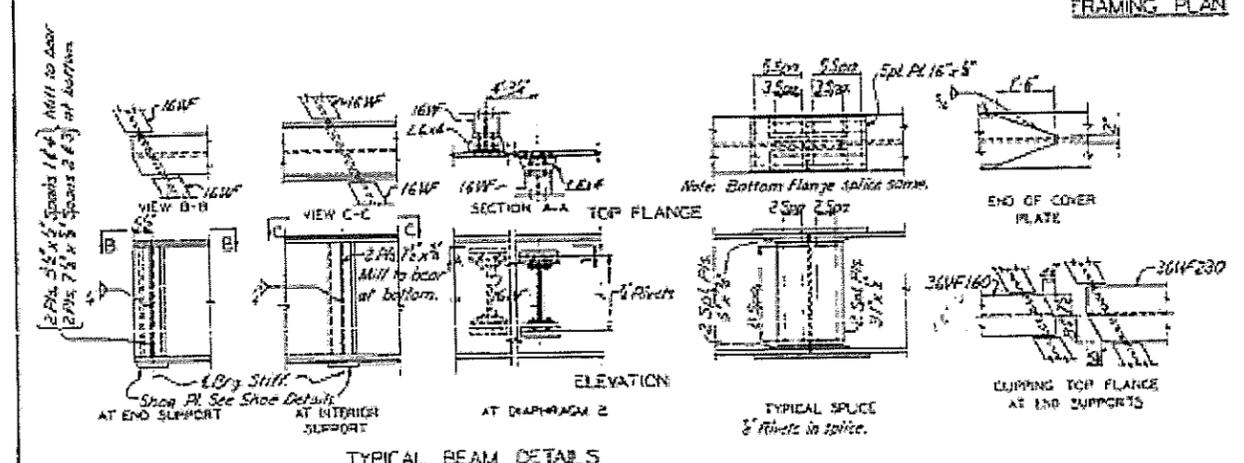
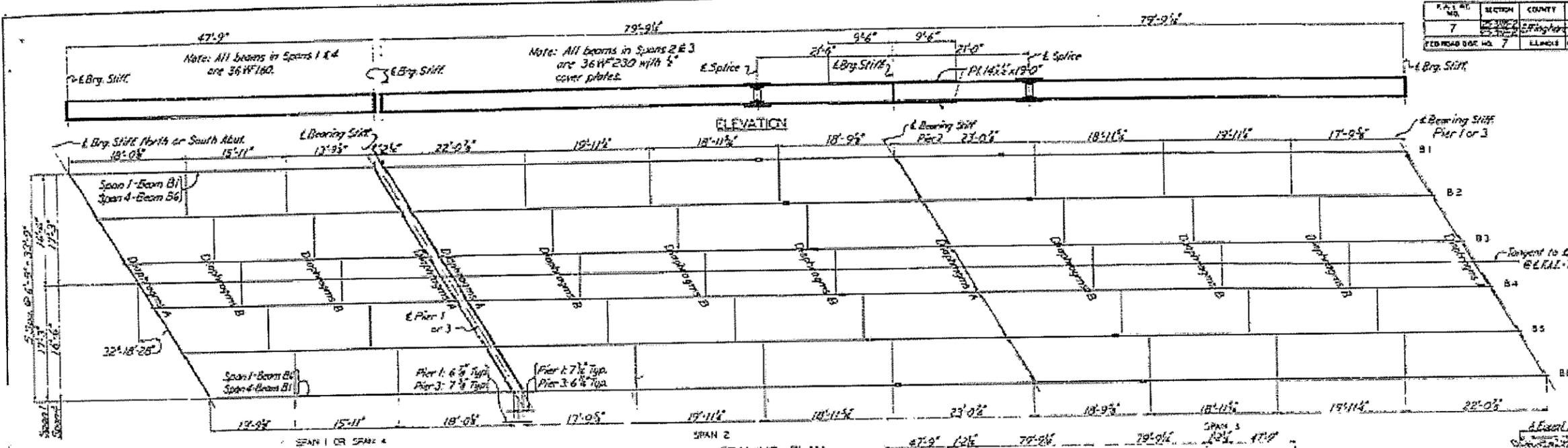
FOR INFORMATION ONLY

FILE NAME	USER NAME = steffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING PLAN STRUCTURE 025-0034	F.A.I. RT. 70	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\74773\CAD\Drawings\0774773-sht-details		CHECKED -	REVISED -			57/70		EFFINGHAM	42	33
Default	PLOT DATE = 2/3/2017	DATE -	REVISED -		SCALE: N/A	SHEET 4	OF 5 SHEETS	STA.	TO STA.	CONTRACT NO. 74773

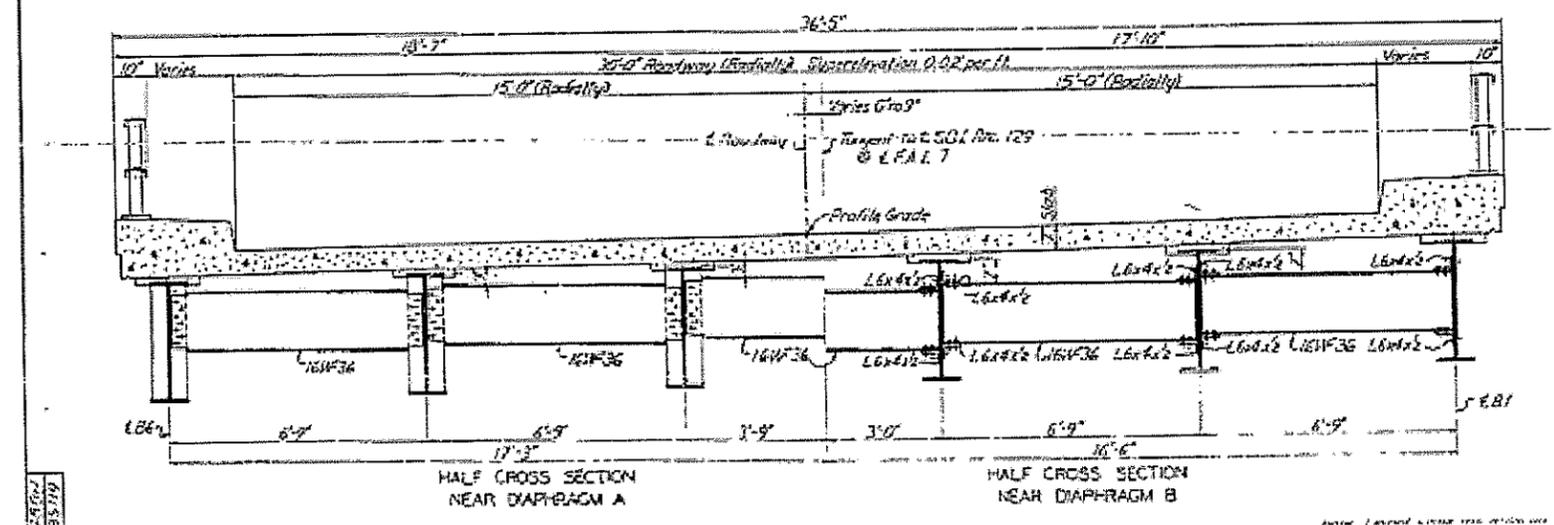
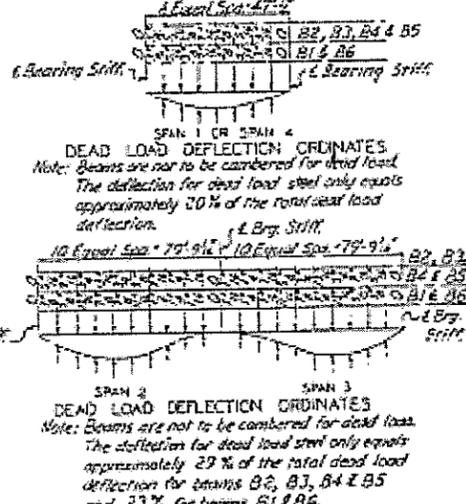
• D7 BRIDGE PAINTING 2017-4

ILLINOIS FED. AID PROJECT

F.A.I. NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	SHEET NO. 3 OF 48 SHEETS
7	25-3ND-2 & 25-3NF-2	EFFINGHAM	42	34A	
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJ. NO.			



BEAM	ELEVATIONS									
	A	B	C	D	E	F	G	H	I	J
B1	611.25	611.82	611.82	611.56	611.14	611.30	610.88	610.23	610.76	
B2	611.82	611.67	611.67	611.41	611.27	611.14	610.67	610.60	610.10	
B3	611.68	611.52	611.52	611.25	611.11	610.97	610.48	610.49	610.00	
B4	611.52	611.37	611.37	611.09	610.95	610.81	610.32	610.31	609.82	
B5	611.37	611.21	611.21	610.93	610.79	610.64	610.14	610.14	609.64	
B6	611.23	611.07	611.07	610.77	610.63	610.47	609.97	609.98	609.48	



Note: Elevations given at top of WF beams are theoretical and do not include any corrections for dead load deflection.

TABLE G - MAXIMUM MOMENTS AND REACTIONS

ITEM	MOMENTS				REACTIONS		
	B	C	D	E	A	C	E
DL	121.0	240.0	121.0	29.0	100.0	29.0	
L.L.	1621.0	564.5	1621.0	41.5	61.1	41.5	
L	1742.0	137.5	1742.0	70.5	14.9	70.5	
Total	1863.0	842.0	1863.0	141.0	176.0	141.0	

Note: Moments are given in Ft-kips. Reactions are given in kips.

NOTES

All rivets are 1/2" unless otherwise noted.

All splice plates and cover plates shall be universal mill plates.

All longitudinal dimensions shown are horizontal and are measured at top of WF.

ROCHESTER AND GOODALL ENGINEERS INCORPORATED SALEM, ILLINOIS

SWENSON AND PARCEL, INC. ENGINEERS-ARCHITECTS ST. LOUIS, MISSOURI

BRIDGE OVER - F.A.I. 7 CARRYING S.B.I. ROUTE 129

STATION - 2200+48.18

F.A.I. ROUTE - 7

SECTION - 25-3ND-2 & 25-3NF-2

EFFINGHAM COUNTY, ILLINOIS

DESIGNED BY: *P.V. Butterfield* DATE: *Jan. 1928*

TRACED BY: *J. Brundage* DATE: *Mar. 1928*

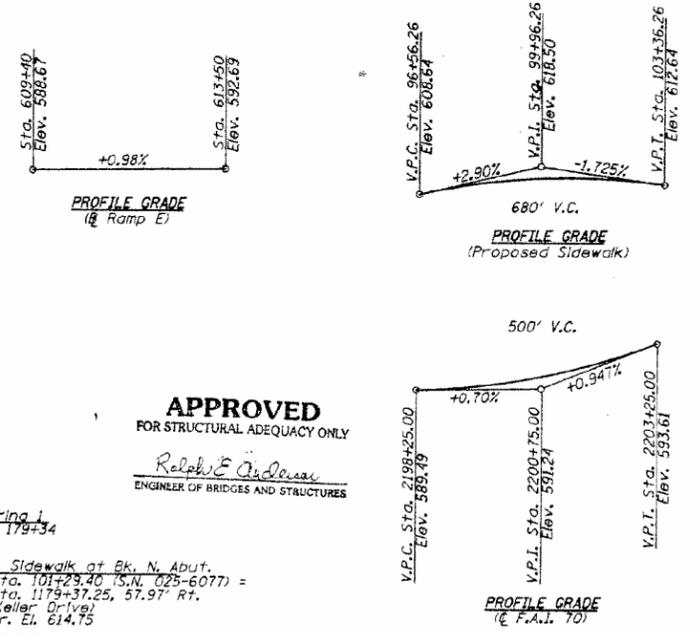
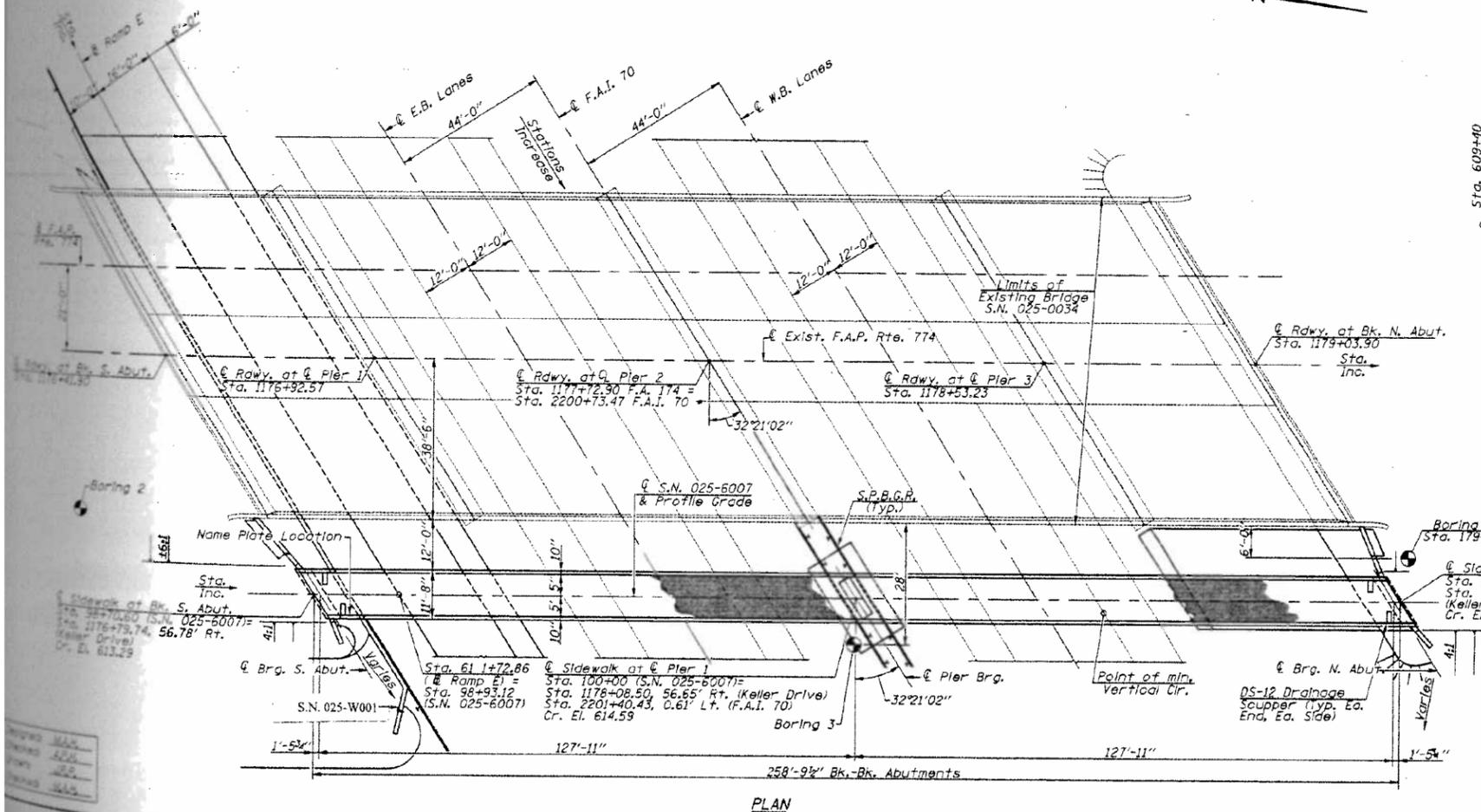
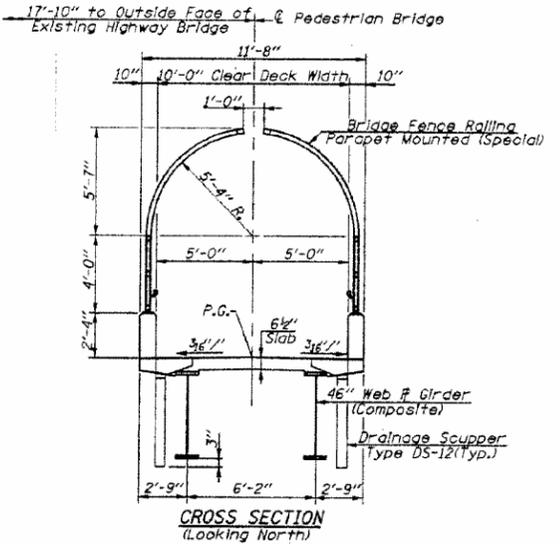
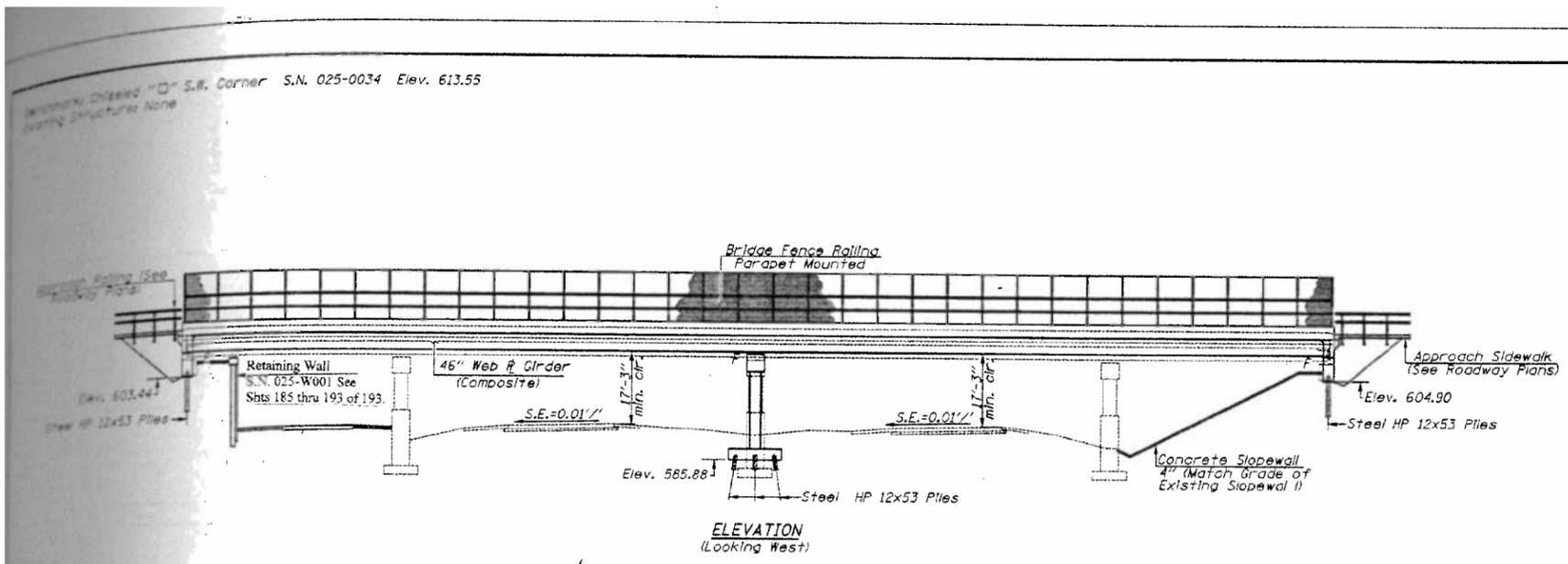
CHECKED BY: *J. Brundage* DATE: *Mar. 1928*

SCALE: *1/4" = 1'-0"*

FOR INFORMATION ONLY

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P.	107Z.R.PB	EFFINGHAM	320	166
PROJECT				

SHEET NO. 1
OF 19 SHEETS



APPROVED
FOR STRUCTURAL ADEQUACY ONLY
Ralph E. Anderson
ENGINEER OF BRIDGES AND STRUCTURES



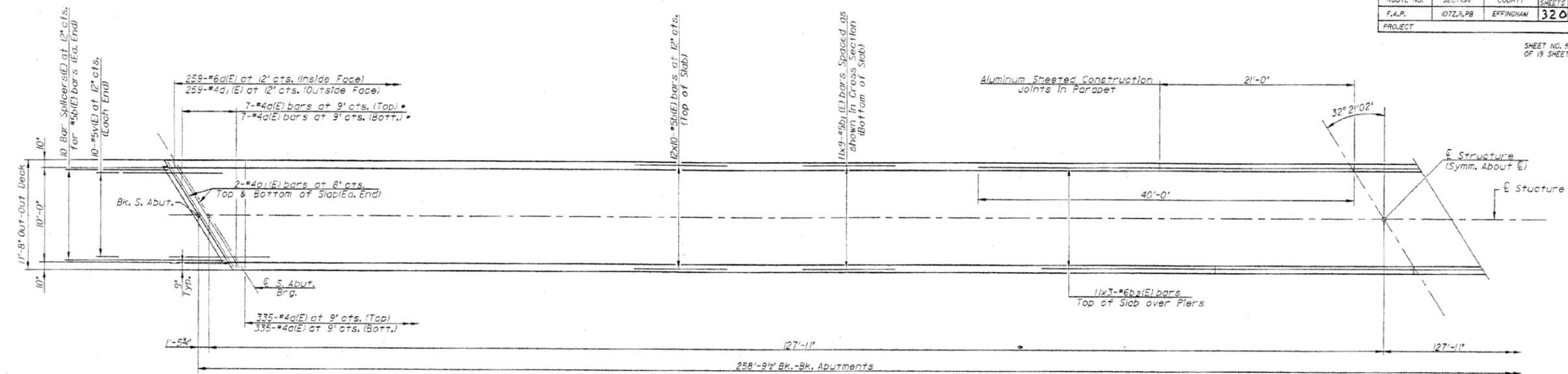
GENERAL PLAN & ELEVATION
I.L. ROUTE 33/32 PEDESTRIAN
BRIDGE OVER I-70/57
F.A.P. ROUTE 774 - SECTION 107Z.R.PB
EFFINGHAM COUNTY
STA. 100+00
S.N. 025-6007

ALLEN HENDERSON & ASSOCIATES INC.

FOR INFORMATION ONLY

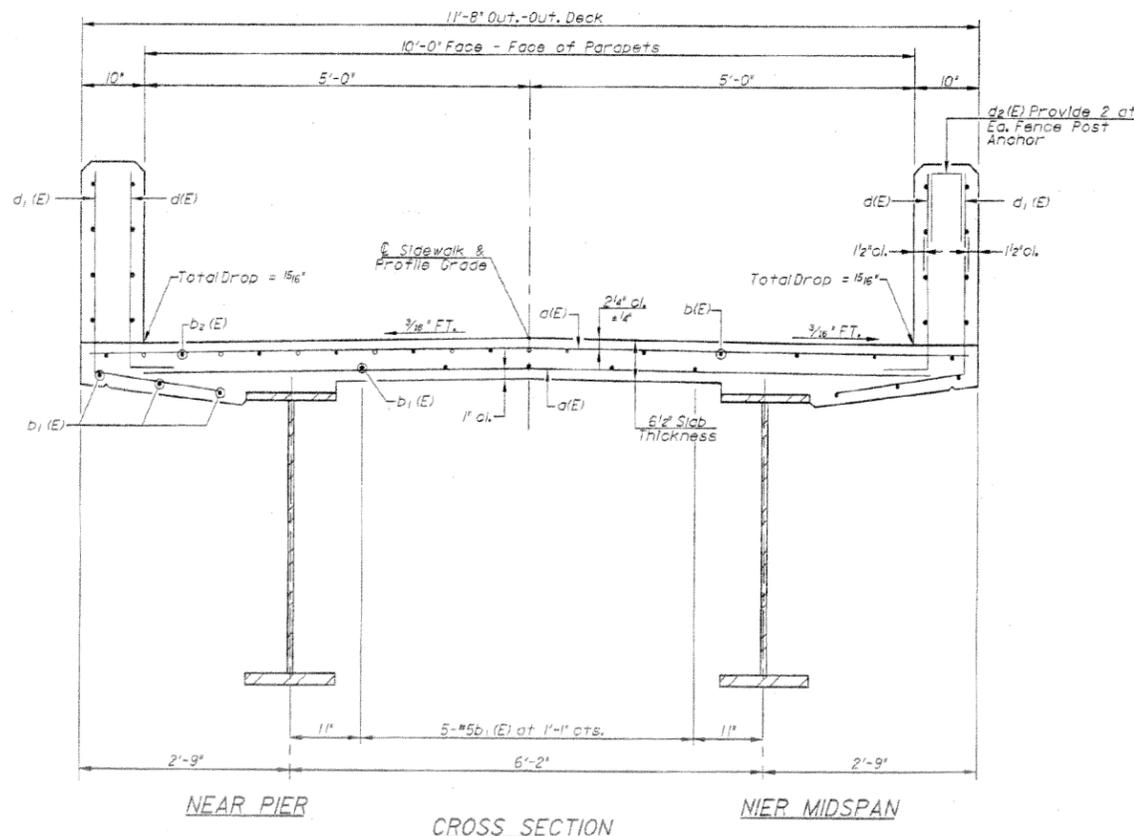
FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING PLAN STRUCTURE 025-6007	• D7 BRIDGE PAINTING 2017-4				
pw:\IL084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\7477\Drawings\CAD\Sheets\0774773-sht-details	DRAWN -	REVISOR -	F.A.I. RTE.			SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			57/70	.	EFFINGHAM	42	35
	PLOT DATE = 2/3/2017	DATE -	REVISED -			CONTRACT NO. 74773				

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS
F.A.P.	107Z,R,PB	EFFINGHAM	320/170
PROJECT			



PLAN

• Order a1(E) bars full length, cut to fit skew and use remainder of bars in opposite end



MIN. BAR LAPS
#4 bars = 1'-8"
#5 bars = 2'-2"
#6 bars = 3'-4"

Notes: See Sheet No. 6 of 19 for superstructure details and Bill of Material.
Bars indicated thus 11x3-#6 etc. indicates 11 lines of bars with 3 lengths per line.
See Sheet No. 6 of 19 for parapet reinforcement.
See Sheet No. 18 of 19 for Bar Splicer Details.
See Sheet No. 7 of 19 for Section of Abutments.
See Sheet Nos. 6 & 8 of 19 for Specifications for Setting of Fence Anchors.

SUPERSTRUCTURE
IL. ROUTE 33/32 PEDESTRIAN
BRIDGE OVER I-70/57
F.A.P. ROUTE 774 - SECTION 107Z,R,PB
EFFINGHAM COUNTY

FOR INFORMATION ONLY

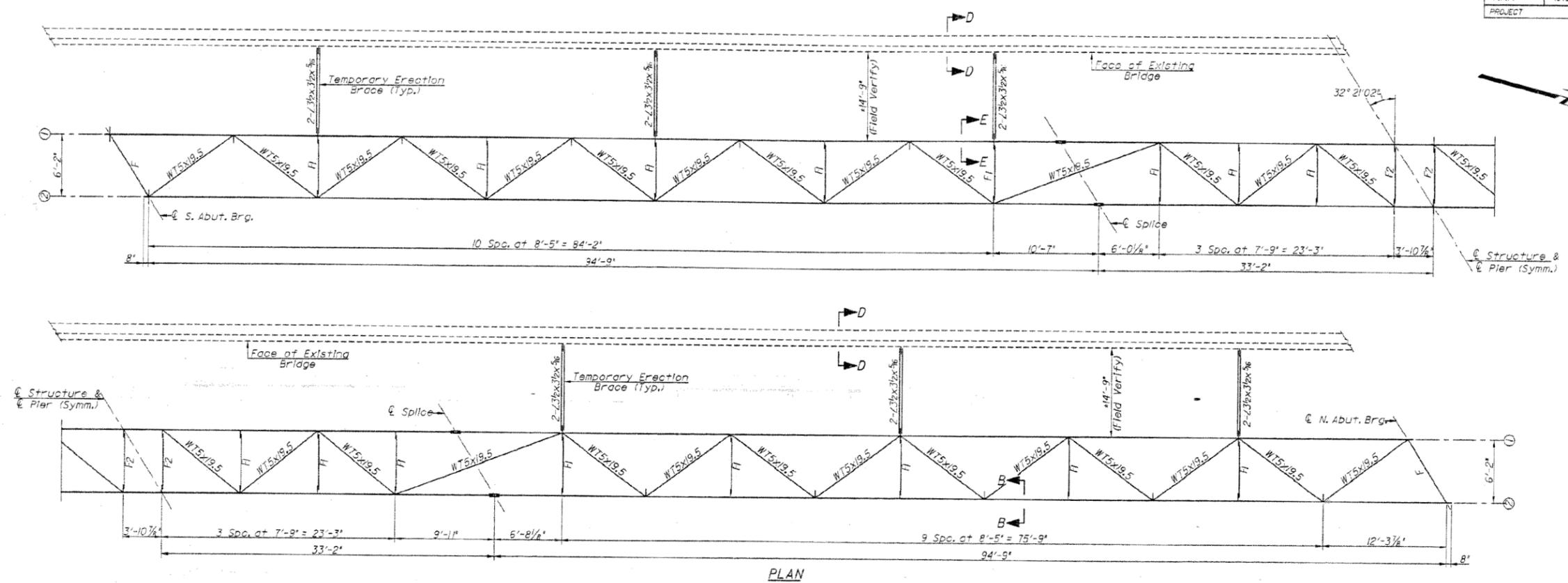
FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING PLAN STRUCTURE 025-6007	F.A.I. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\7473\DRAWING\CAD\Sheets\0774773-shr-details.dwg	DRWN -	REVISD -	57/70				EFFINGHAM	42	36	
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 74773				
	PLOT DATE = 2/3/2017	DATE -	REVISED -			ILLINOIS FED. AID PROJECT				

• 07 BRIDGE PAINTING 2017-4

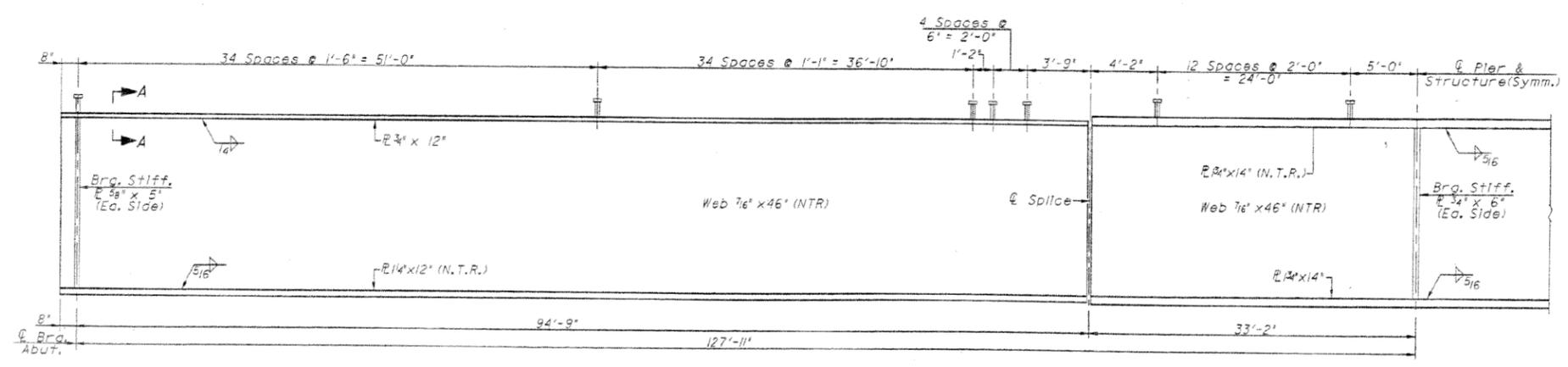
SCALE: N/A SHEET 2 OF 5 SHEETS STA. TO STA.

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P.	1072,R,PB	EFFINGHAM	320	174
PROJECT				

Sheet No. 9 of 19 Sheets



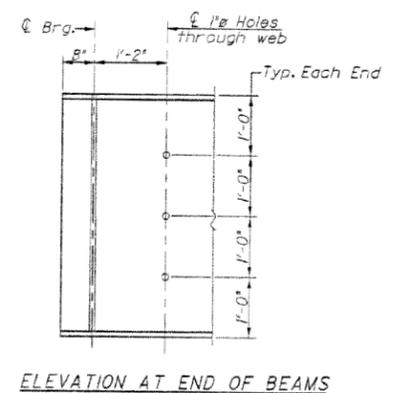
PLAN



GIRDER ELEVATION

*NTR denotes plates to which notch toughness requirements are applicable.
 All plates of the girders, including bearing stiffeners and connector plates at crossframes shall be AASHTO M270 Grade 50.
 All horizontal diagonal bracing members including connection members and connection plates shall be A.A.S.H.T.O. M270 Grade 50.

Work this sheet with Sheets 10 & 11 of 19 Sheets
 The temporary erection braces and the diagonal lateral bracing system shall be in place prior to pouring concrete deck slab.



STRUCTURAL STEEL
 ILL. ROUTE 33/32 PEDESTRIAN
 BRIDGE OVER I-70/57
 F.A.P. ROUTE 774 - SECTION 1072,R,PB
 EFFINGHAM COUNTY
 STA. 100+00
 S.N. 025-6007

ALLEN HENDERSON & ASSOCIATES, INC.

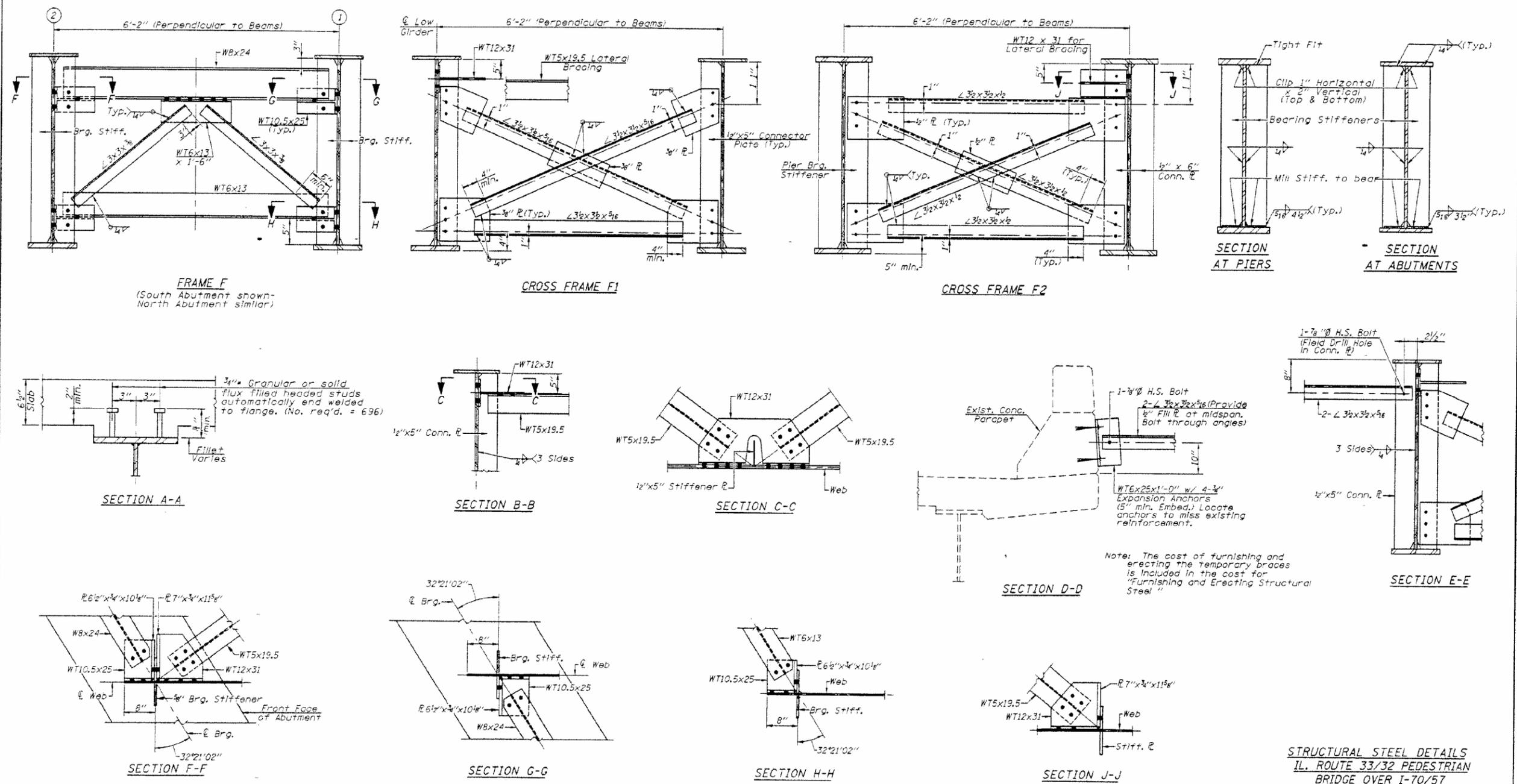
CONSULTING CIVIL AND STRUCTURAL ENGINEERS 1941 S. SPRING ST. SPRINGFIELD, ILL. PHONE: (217) 644-8035

FOR INFORMATION ONLY

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING PLAN STRUCTURE 025-6007	SCALE: N/A	SHEET 3 OF 5 SHEETS	STA. TO STA.	* D7 BRIDGE PAINTING 2017-4			
pw:\11\084EBID\INTEG.illinois.gov\PIWID\Documents\DOT Offices\District 7\Projects\7473\DRAWING\CAD\Sheets\0774773-sht-details	DRWN -	REVISED -	F.A.I. RTE.						SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	57/70						.	EFFINGHAM	42	37
PLOT DATE = 2/3/2017	DATE -	REVISED -	CONTRACT NO. 74773									

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P.	107Z,R,PB	EFFINGHAM	320	175
PROJECT				

Sheet No. 10 of 19 Sheets



STRUCTURAL STEEL DETAILS
IL. ROUTE 33/32 PEDESTRIAN
BRIDGE OVER I-70/57
F.A.P. ROUTE 174 - SECTION 107Z,R,PB
EFFINGHAM COUNTY
STA. 100+00
S.N. 025-6007

ALLEN HENDERSON & ASSOCIATES, INC.

CONSULTING CIVIL AND STRUCTURAL ENGINEERS 1941 S. SPRING ST. SPRINGFIELD, IL. PHONE: (217) 644-8035

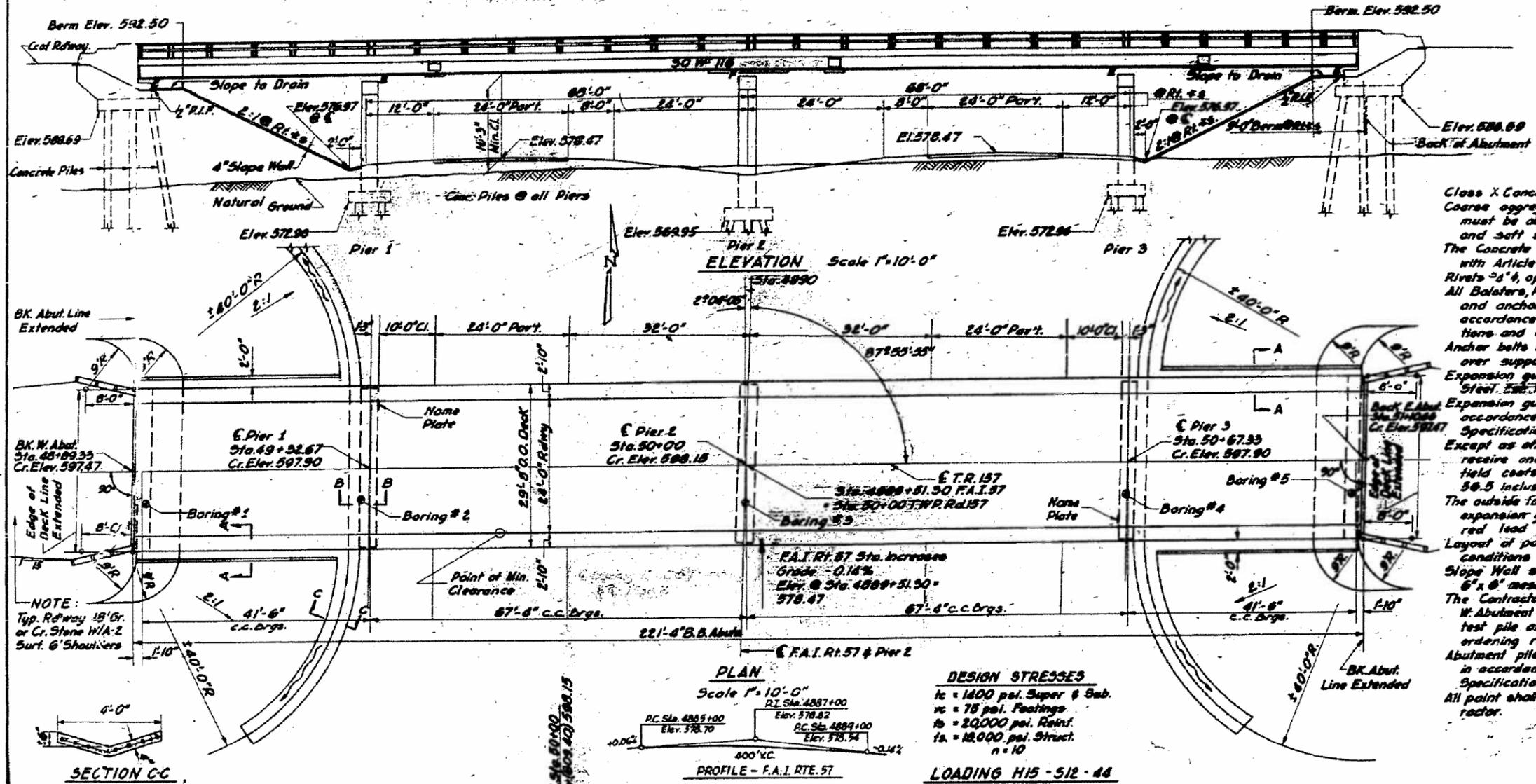
FOR INFORMATION ONLY

FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EXISTING PLAN STRUCTURE 025-6007	• D7 BRIDGE PAINTING 2017-4		TOTAL SHEETS	SHEET NO.	
pw:\11084EBID\INTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\7473\DRAWING\CAD\Sheets\0774773-sht-details		CHECKED -	REVISED -			57/70		EFFINGHAM	42	38
PLOT SCALE = 100.0000' / in.		DATE -	REVISED -			CONTRACT NO. 74773				
Default						ILLINOIS FED. AID PROJECT				

B.M. 312' Lt. Sta. 4889 + 65 Concrete Monument
on North R.O.W. Line of E. & W. Rd. Elev. 574.08
Existing Structure - None

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

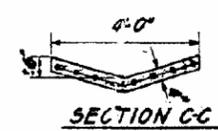
PROJECT NO.	29-7	SHEET NO.	1
DATE	10-2	TOTAL SHEETS	11
COUNTY	EFFINGHAM	SECTION	37
ROUTE	57	POST MILES	9



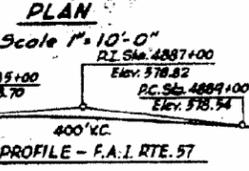
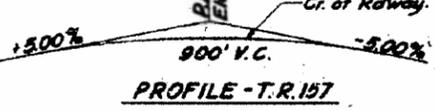
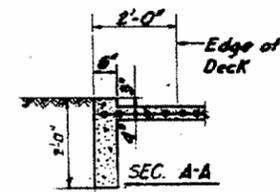
GENERAL NOTES

Class X Concrete shall be used throughout.
Coarse aggregate which is to be used in End Posts must be absolutely free of chert, flint, limonite, lignite, and soft sandstone.
The Concrete floor slab shall be finished in accordance with Article 51.18 of the Standard Specifications.
Rivets 3/4", open holes 1/2", unless noted.
All Bolsters, Rockers, bearing plates, lead plates, pintles and anchor bolts shall be fabricated and set in accordance with Article 51.15 of the Standard Specifications and are included in quantity of Structural Steel.
Anchor bolts shall be set before riveting diaphragms over supports.
Expansion guards are included in quantity of Structural Steel.
Expansion guards shall be fabricated and erected in accordance with Article 51.13 (d) of the Standard Specifications.
Except as otherwise provided, all structural steel shall receive one shop coat of red lead paint and two field coats of aluminum paint. See Articles 56.1 to 56.5 inclusive of the Standard Specifications.
The outside faces of the vertical legs of angles in the expansion guard shall be given two shop coats of red lead paint.
Layout of paved ditch may be varied to suit ground conditions in the field as directed by the Engineer.
Slope Wall shall be reinforced with welded wire fabric 6" x 6" mesh #4 wires weighing 58# per 100 sq. ft. The Contractor shall drive one concrete test pile at W. Abutment in a permanent location and one concrete test pile at Pier 2 in a permanent location before ordering remainder of piles.
Abutment piles shall be precored through embankment in accordance with Article 60.9 (c) of the Standard Specifications.
All paint shall be furnished and applied by the Contractor.

NOTE:
Typ. Rdway 18" Gr. or Cr. Stone W/A-2 Surt. 6" Shoulders

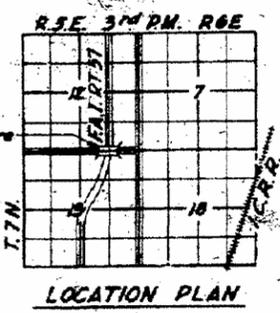


NOTE:
Paved ditch included in Slope Wall quantities.



DESIGN STRESSES
lc = 1600 psi. Super & Sub.
vc = 75 psi. Footings
fs = 20,000 psi. Reinft.
fs = 18,000 psi. Struct.
n = 10

LOADING H15-512-46



TOTAL BILL OF MATERIAL

ITEM	UNIT	SUB	SUPER	TOTAL
Class A Enc. for Structures	Cu. Yd.	110		110
Class X Concrete	Cu. Yd.	179.9	166.4	346.3
Structural Steel	Lb.		133,970	133,970
Metal Handrail	Lin. Ft.	459		459
Reinforcement Bars	Lb.	12,810	31,810	44,620
Concrete Piles	Lin. Ft.	940		940
Test Piles Concrete	Each	2		2
Name Plates	Each	2		2
Slope Wall (d)	Sq. Yd.	400		400

GENERAL PLAN & ELEVATION
PROJ. - I-57-4 ()
TWP. RD. 157 OVER F.A.I. RT. 57
F.A.I. RT. 57-SEC. 25-7HB-2
EFFINGHAM COUNTY
STA. 4889 + 51.30

DESIGNED: W.C. Keene
CHECKED: Emory Stuber
DRAWN: Gaber Papp
CHECKED: ES.
EXAMINED: H. B. Bannerman
DATE: Aug 16 1960

FOR INFORMATION ONLY

FILE NAME:	USER NAME: steffennk	DESIGNED: W.C. Keene	REVISED:
pw\11084EBIDINTEG\11\illinois.gov\PIWIDOT\Documents\1007 Offices\District 7\Projects\7477\DRAWING\CAB\Sheets\0774773-sht-details	PLLOT SCALE: 100.0000 / in.	CHECKED: Emory Stuber	REVISED:
Default	PLLOT DATE: 2/3/2017	DATE: Aug 16 1960	REVISED:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

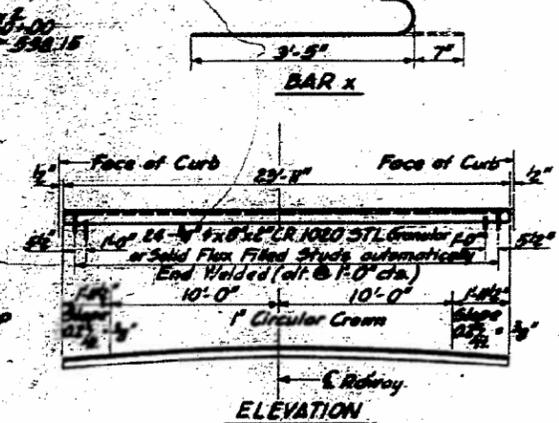
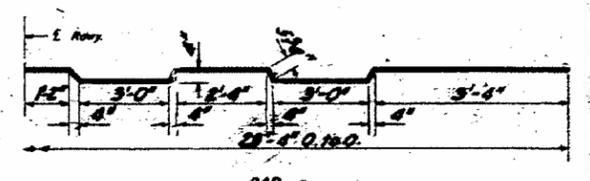
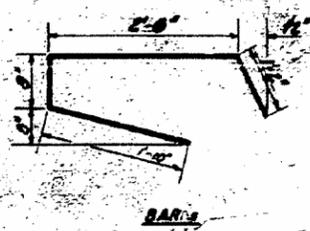
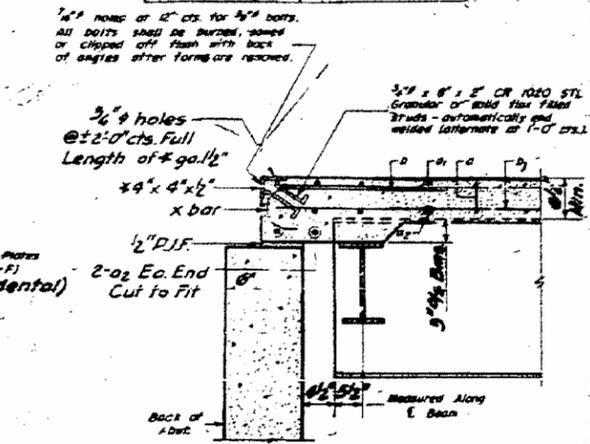
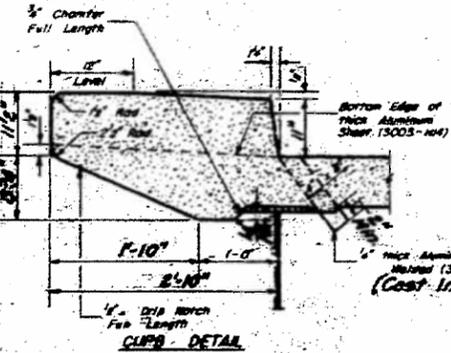
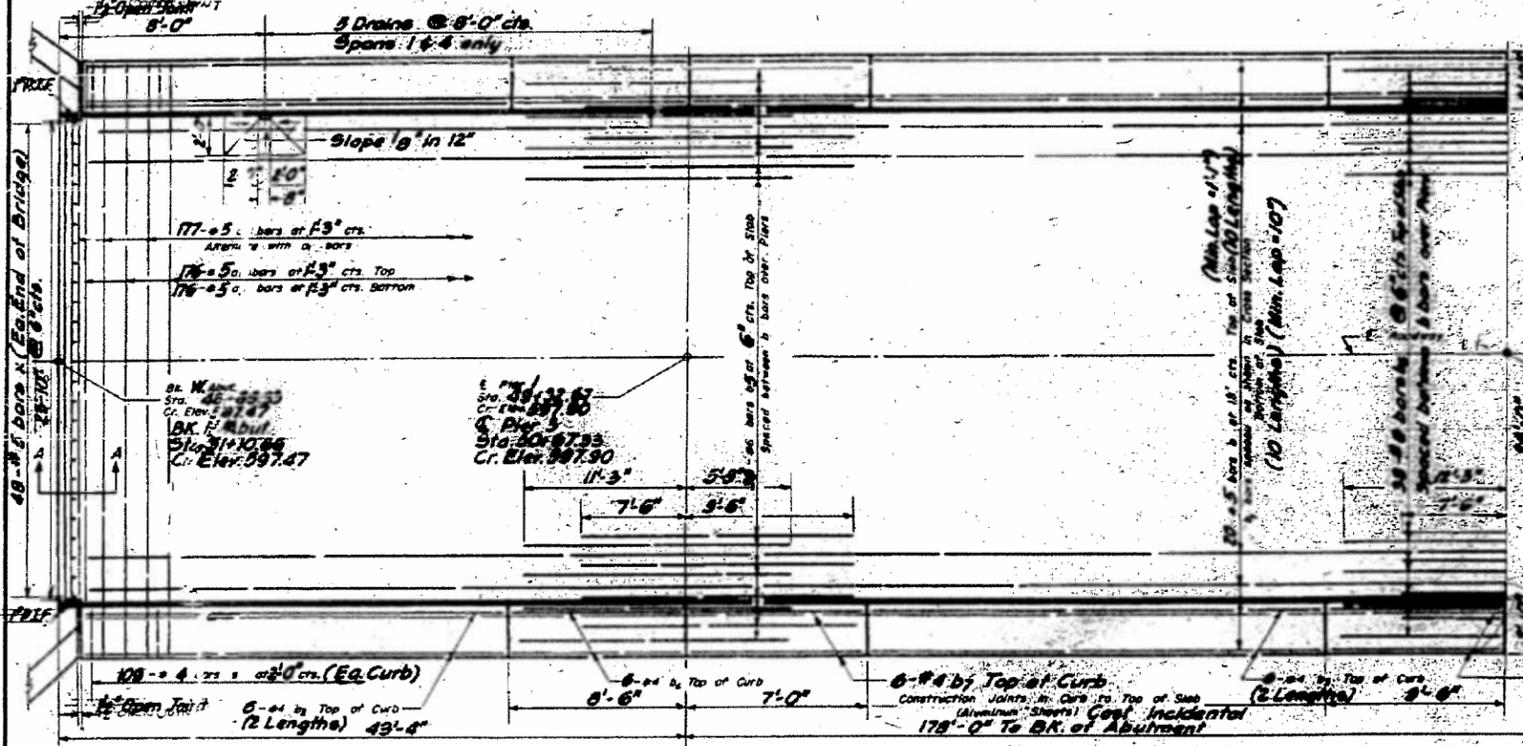
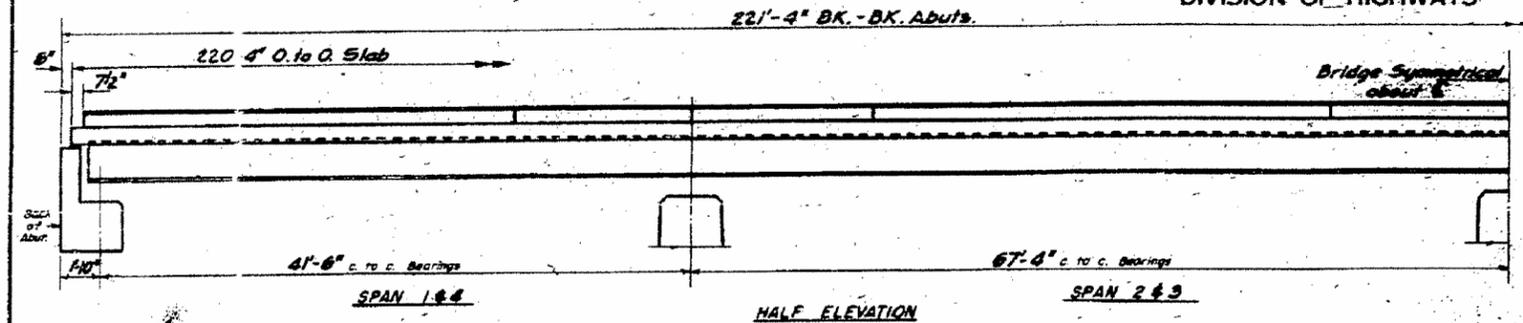
EXISTING PLAN
STRUCTURE 025-0060

SCALE: N/A SHEET 1 OF 3 SHEETS STA. TO STA.

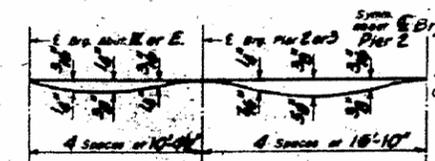
* D7 BRIDGE PAINTING 2017-4			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
57/70	.	EFFINGHAM	42
			SHEET NO. 40
			CONTRACT NO. 74773
ILLINOIS FED. AID PROJECT			

STATE OF ILLINOIS
DEPARTMENT OF PUBLIC WORKS & BUILDINGS
DIVISION OF HIGHWAYS

PROJECT NO.	SECTION	COUNT	SHEET NO.	TOTAL SHEETS
11-2-97	25-7	EFFINGHAM	37	10
				// SHEETS



EXPANSION GUARD DETAILS
1-Reqd.



DEAD LOAD DEFLECTION DIAGRAM
(Wt. of Concrete only)

BILL OF MATERIAL

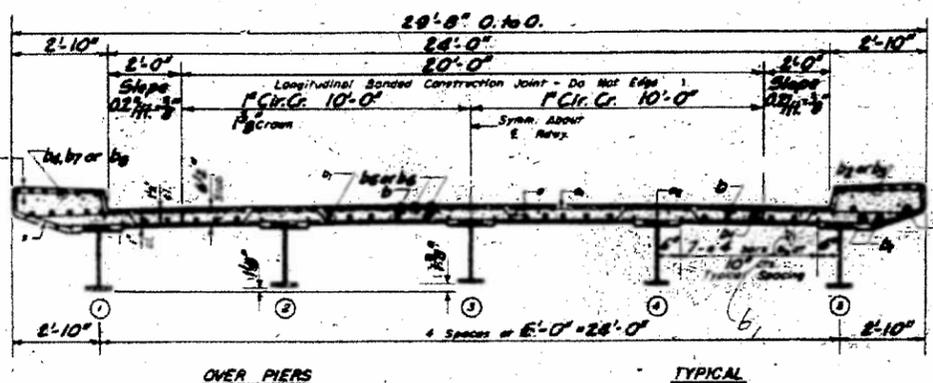
Bar	No.	Size	Length	Sheet
1	177	#5	28'-6"	
2	178	#5	28'-4"	
3	180	#5	28'-4"	
4	200	#5	23'-0"	
5	320	#4	22'-8"	
6	48	#4	17'-3"	
7	48	#4	28'-0"	
8	28	#4	8'-3"	
9	28	#4	17'-0"	
10	30	#8	20'-0"	
11	24	#4	6'-8"	
12	24	#4	9'-3"	
13	218	#4	6'-2"	
14	96	#5	5'-0"	

Class X Concrete Cu. Yd. 188.8
Reinforcement Bars Lb. 34110
Structural Steel Lb. 15390

* Weight of Bolsters, Rockers, Bearings, Plates, Lead Plates and Anchor Bolts included as Structural Steel. Est. Wt. 6335 Lbs.

METHOD OF DETERMINING FILLET HEIGHT "f"
After all Structural Steel has been erected elevations of the top flanges of the beams shall be taken at the stations shown on sheet 10. These elevations subtracted from the theoretical grade elevations, with D.L. Deflection included, shown on sheet 10, minus floor thickness equals the fillet heights above top of beam.

DESIGNED W.C. Keene	EXAMINED A.G. Bennett
CHECKED Emory J. S. Fisher	PASSED [Signature]
DRAWN Gabor Papp	APPROVED R.H. Banta
CHECKED E.S.	



OVER PIERS CROSS SECTION TYPICAL

SUPERSTRUCTURE
T.R. 157 OVER F.A.I. RT. 57
F.A.I. RT. 57 SEC. 25-7ND2
EFFINGHAM CO.
STA. 4889+51.30

FOR INFORMATION ONLY

