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LIST OF STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420001-09	PAVEMENT JOINTS
420106-06	36' (10.8 m) JOINTED P.C.C. PAVEMENT
420111-04	P.C.C. PAVEMENT ROUNDOUTS
420401-12	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB
420701-03	PAVEMENT WELDED WIRE REINFORCEMENT
421001-03	BAR REINFORCEMENT FOR CRC PAVEMENT
442101-08	CLASS B PATCHES
482011-03	HMA SHOULDER STRIPS/SHOULDERS WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
483001-05	PCC SHOULDER
515001-03	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601101-02	CONCRETE HEADWALL FOR PIPE UNDERDRAINS
602001-02	CATCH BASIN, TYPE A
602601-05	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-04	FRAME AND LIDS, TYPE 1
606001-07	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606301-04	P.C. CONCRETE ISLANDS AND MEDIANS
610001-08	SHOULDER INLET WITH CURB
630001-12	STEEL PLATE BEAM GUARD RAIL
630301-08	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-15	TRAFFIC BARRIER TERMINAL, TYPE 6
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600mm) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701400-09	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-11	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-09	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS > 45MPH
701422-10	LANE CLOSURE, MULTILANE, FOR SPEEDS => 45MPH TO 55 MPH
701426-09	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS > 45 MPH
701427-05	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS < 40 MPH
701428-01	TRAFFIC CONTROL, SETUP AND REMOVAL, FREEWAY/EXPRESSWAY
701446-09	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701601-09	URBAN LANE CLOSURE, MULTILANE, 1W OR 2W WITH NON TRAVERSABLE MEDIAN
701606-10	URBAN LANE CLOSURE, MULTILANE, 2W WITH MOUNTABLE MEDIAN
701701-10	URBAN LANE CLOSURE, MUTLILANE INTERSECTION
701901-07	TRAFFIC CONTROL DEVICES
704001-08	TEMPORARY CONCRETE BARRIER
720021-02	SIGN PANELS, EXTRUDED ALUMINUM TYPE
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

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PLOT DATE = 9/10/2018 PLOT SCALE = 100.0000' / 1"		DESIGNED - SJP	REVISED ¹ - SEPTEMBER 10, 2018	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS AND STATE STANDARDS 167TH ST OVER I-57		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - SJP	REVISED -		57	1011.3-BR	COOK	145	2		
				SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.		CONTRACT NO. 60T43 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

GENERAL NOTES

1. THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.
2. FORTY-EIGHT HOURS BEFORE STARTING EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E. AT 1-800-892-0123 OR 811 TO HAVE THE LOCATION OF EXISTING UTILITIES MARKED.
3. THE CONTRACTOR SHALL OBTAIN ALL NECESSARY PERMITS, AS REQUIRED, PRIOR TO COMMENCING WITH CONSTRUCTION.
4. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
5. POLLUTION CONTROL: THE CONTRACTOR SHALL BE REQUIRED TO COMPLY WITH STATE REGULATIONS REGARDING AIR, WATER AND NOISE POLLUTION.
6. WHERE ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS, THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTIONS IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AND ADJOINING RESIDENTIAL AREAS.
7. 10 FT. (3 M) TRANSITIONS SHALL BE USED TO MATCH PROPOSED ITEMS OF WORK TO EXISTING ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED ITEM OF WORK SPECIFIED.
8. SAW CUTTING PRIOR TO THE REMOVAL OF ANY ITEMS NOTED ON THE PLANS OR AS DIRECTED BY THE ENGINEER SHALL BE INCLUDED IN THE COST OF THE ITEMS BEING REMOVED.
9. THE CONTRACTOR SHALL USE CARE IN REMOVING OR EXCAVATING NEAR ALL EXISTING ITEMS WHICH WILL REMAIN. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
10. THE CONTRACTOR WILL BE REQUIRED TO MAINTAIN THE EXISTING PAVEMENT AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE PAID FOR ACCORDING TO ARTICLE 109.04 OF THE STANDARD SPECIFICATIONS.
11. THE CONTRACTOR IS RESPONSIBLE FOR MAINTAINING DRAINAGE THROUGHOUT THE CONSTRUCTION OF THIS PROJECT.
12. IN ACCORDANCE WITH SECTION 550 OF THE STANDARD SPECIFICATIONS, THE CONNECTING OF EXISTING DRAIN TILES, PIPE CULVERTS, OR STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM STRUCTURES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE PAY ITEMS INVOLVED.
13. LOCATIONS OF EXISTING UTILITIES SHOWN ON THE PLANS ARE FROM BEST AVAILABLE RECORD INFORMATION AND MUST BE FIELD VERIFIED BY THE CONTRACTOR. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING 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 BASED UPON THE UNIT PRICE.
14. THE CONTRACTOR SHALL PROTECT EXISTING AND NEW UTILITIES AND SHALL BRACE AND SUPPORT THE UTILITIES PROPERLY IN ORDER TO PREVENT SETTLEMENT, DISPLACEMENT, OR DAMAGE TO THE UTILITIES. THE PROTECTION OF THE UTILITIES AS SPECIFIED HEREIN WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT.
15. BARRICADES: TYPE I, TYPE II AND TYPE III BARRICADES SHALL BE WEIGHTED IN A MANNER APPROVED BY THE MANUFACTURER SO THAT THEY ARE NOT MOVED BY TRAFFIC.
16. THE CONTRACTOR SHALL CONTACT THE TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 AND EXPRESSWAY TRAFFIC CONTROL SUPERVISOR AT (847) 705-4155 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
17. THE ENGINEER SHALL CONTACT MS. PATRICE HARRIS, IDOT'S AREA TRAFFIC FIELD ENGINEER FOR COOK COUNTY, VIA E-MAIL AT PATRICE.HARRIS@ILLINOIS.GOV AND, OR AT (708)597-9800, A MINIMUM OF TWO (2) WEEKS PRIOR TO THE PLACEMENT OF PERMANENT PAVEMENT MARKINGS.
18. FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER, MEDIAN AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.
19. PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING 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 BID FOR THE WORK.
20. AGGREGATE SUBGRADE IMPROVEMENT (CU YD) HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSTABLE AND/OR UNSUITABLE. THE ACTUAL NEED FOR REMOVAL AND REPLACEMENT WITH ASI WILL BE DETERMINED IN THE FIELD AT THE TIME OF CONSTRUCTION BY THE GEOTECHNICAL ENGINEER. ALL POTENTIALLY UNSTABLE SOILS SHOULD BE TESTED WITH A STATIC OR DYNAMIC CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 OF THE SSRBC AND IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE SOILS ARE NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

1. 21. DURING STAGE III, THE 167TH STREET PAVEMENT WILL BE EVALUATED BY THE ENGINEER FOR PATCHING WITHIN THE LIMITS OF THE INTERCHANGE RAMPS. ESTIMATED QUANTITIES FOR CLASS B PATCHING AND RELATED WORK ARE INCLUDED IN THE CONTRACT TO PREFORM PAVEMENT PATCHING AT THE LOCATIONS DESIGNATED BY THE ENGINEER.

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PLOT DATE = 9/10/2018 PLOT SCALE = 100.0000' / 1"		DESIGNED - SJP	REVISED - SEPTEMBER 10, 2018	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES 167TH ST OVER I-57		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN - SJP	REVISED -		57	1011.3-BR	COOK	145	3		
				SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA.		CONTRACT NO. 60T43 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	0013 ROADWAY 90% FED	0021 LIGHTING 90% FED
				10% STATE	10% STATE
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	72	72	
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	16	16	
20200100	EARTH EXCAVATION	CU YD	480	480	
20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	20	20	
20800150	TRENCH BACKFILL	CU YD	160	160	
21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	60	60	
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	2, 224	2, 224	
25000210	SEEDING, CLASS 2A	ACRE	0. 5	0. 5	
25100635	HEAVY DUTY EROSION CONTROL BLANKET	SQ YD	2, 224	2, 224	
25100900	TURF REINFORCEMENT MAT	SQ YD	16	16	
28000510	INLET FILTERS	EACH	6	6	
30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	20	20	
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	742	742	
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	422	422	
42000060	WELDED WIRE REINFORCEMENT	SQ YD	429	429	⚠
42000080	PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB	SQ YD	441	441	

* SPECIALTY ITEM

FILE NAME = D:\60T43-ah1-S00.dgn

PLOT DATE = 6/19/2018
PLOT SCALE = 100.0000' / 1"



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DATE - JUNE 25, 2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
167TH ST OVER I-57

SCALE: NONE SHEET NO. 1 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	1011.3-BR	COOK	145	4
CONTRACT NO. 60T43				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

REV. 9/11/18 REV. 7/30/18

SUMMARY OF QUANTITIES				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	0013 ROADWAY 90% FED	0021 LIGHTING 90% FED
				10% STATE	10% STATE
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SQ YD	241	241	
42001300	PROTECTIVE COAT	SQ YD	1,846	1,846	
44000100	PAVEMENT REMOVAL	SQ YD	1,456	1,456	
44000300	CURB REMOVAL	FOOT	186	186	
44003100	MEDIAN REMOVAL	SQ FT	5,086	5,086	
44004250	PAVED SHOULDER REMOVAL	SQ YD	638	638	
44200970	CLASS B PATCHES, TYPE II, 10 INCH	SQ YD	583	583	△
48101620	AGGREGATE SHOULDERS, TYPE B 10"	SQ YD	236	236	
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	361	361	△
48300500	PORTLAND CEMENT CONCRETE SHOULDERS 10"	SQ YD	412	412	
44200976	CLASS B PATCHES, TYPE IV, 10 INCH	SQ YD	64	64	△
50101500	REMOVAL OF EXISTING SUPERSTRUCTURES	EACH	2	2	
44201299	DOWEL BARS 1 1/2"	EACH	840	840	△
50102400	CONCRETE REMOVAL	CU YD	71.5	71.5	
44213200	SAW CUTS	FOOT	5,301	5,301	△
50104720	REMOVAL OF EXISTING CONCRETE DECK	EACH	1	1	
44213204	TIE BARS 3/4"	EACH	66	66	△
50157300	PROTECTIVE SHIELD	SQ YD	2,449	2,449	
44213208	TIE BARS 1 1/4"	EACH	840	840	△
50200100	STRUCTURE EXCAVATION	CU YD	77	77	
50300225	CONCRETE STRUCTURES	CU YD	111.4	111.4	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	986.2	986.2	

* SPECIALTY ITEM

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
167TH ST OVER I-57

SCALE: NONE SHEET NO. 2 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	1011.3-BR	COOK	145	5
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T43	

△ REV. 9/11/18 REV. 7/30/18

SUMMARY OF QUANTITIES				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	URBAN TOTAL QUANTITY	0013 ROADWAY 90% FED	0021 LIGHTING 90% FED
				10% STATE	10% STATE
59000200	EPOXY CRACK INJECTION	FOOT	108	108	
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	42	42	
60100945	PIPE DRAINS 12"	FOOT	294	294	
60200205	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2	2	
60250200	CATCH BASINS TO BE ADJUSTED	EACH	7	7	
60255500	MANHOLES TO BE ADJUSTED	EACH	3	3	
60500050	REMOVING CATCH BASINS	EACH	4	4	
60619200	CONCRETE MEDIAN, TYPE SB-6.06	SQ FT	4,850	4,850	
61000050	CONCRETE THRUST BLOCKS	EACH	4	4	
61000115	TYPE E INLET BOX, STANDARD 610001	EACH	4	4	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	200	200	1
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2	
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2	
63200310	GUARDRAIL REMOVAL	FOOT	1,428	1,428	
66201120	CONCRETE SHOULDER CURB	FOOT	222	222	

* SPECIALTY ITEM

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DATE - JUNE 25, 2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
167TH ST OVER I-57

SCALE: NONE SHEET NO. 4 OF 9 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	1011.3-BR	COOK	145	7
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T43	

REV. 9/11/18 REV. 7/30/18

SUMMARY OF QUANTITIES				CONSTRUCTION CODE	
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	0013 ROADWAY	0021 LIGHTING
				90% FED 10% STATE	90% FED 10% STATE
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	2	2	
70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2	
70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2	
* 72000300	SIGN PANEL - TYPE 3	SQ FT	434	434	
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2	
73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	56	56	
73602000	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	EACH	3	3	
* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1,558	1,558	
* 78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	5,400	5,400	
* 78009004	MODIFIED URETHANE PAVEMENT MARKING TYPE I - LINE 4"	FOOT	5,400	5,400	
* 78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	3,570	3,570	
* 78009008	MODIFIED URETHANE PAVEMENT MARKING TYPE I - LINE 8"	FOOT	3,570	3,570	
* 78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	331	331	
* 78009012	MODIFIED URETHANE PAVEMENT MARKING TYPE I - LINE 12"	FOOT	331	331	
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	52	52	
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8	8	
* 78200011	BARRIER WALL REFLECTORS, TYPE C	EACH	24	24	
* 81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	500		500

* SPECIALTY ITEM

DESIGNED - SJP	REVISED -
DRAWN - SJP	REVISED -
CHECKED - MM	REVISED -
DATE - JUNE 25, 2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES
167TH ST OVER I-57

SCALE: NONE SHEET NO. 6 OF 9 SHEETS STA. TO STA.

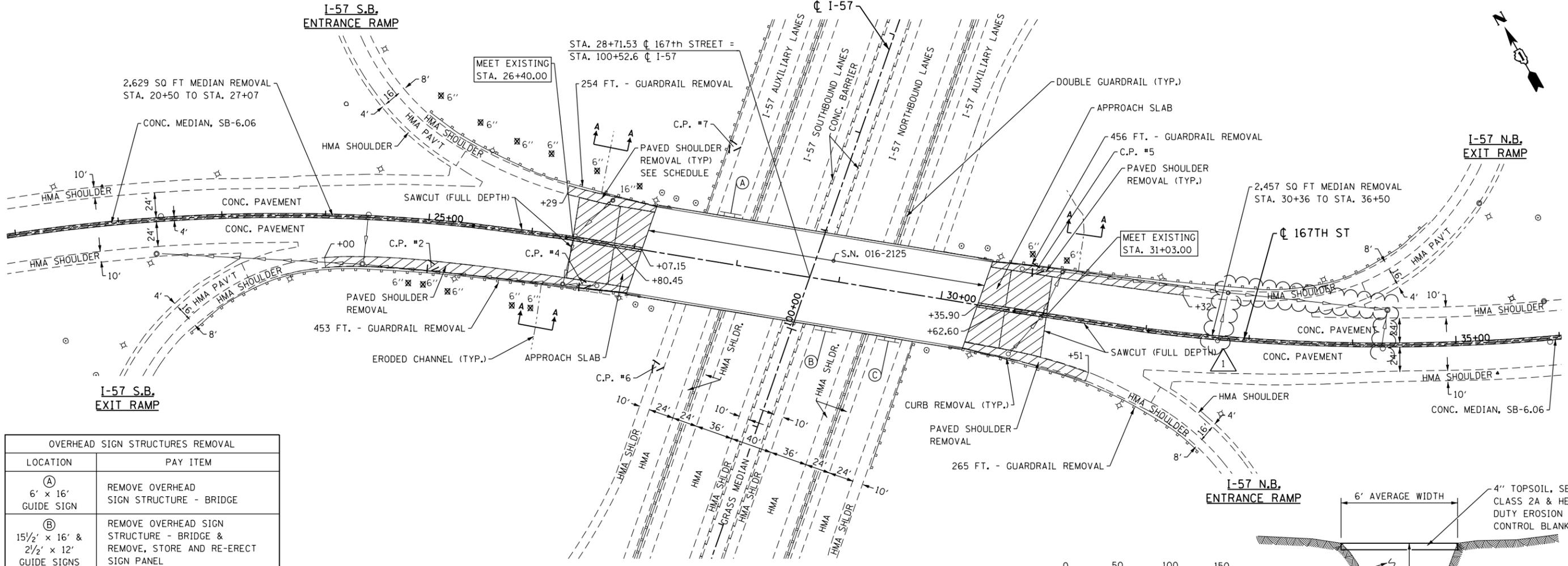
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	1011.3-BR	COOK	145	9
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T43	

REV. 9/11/18 REV. 7/30/18

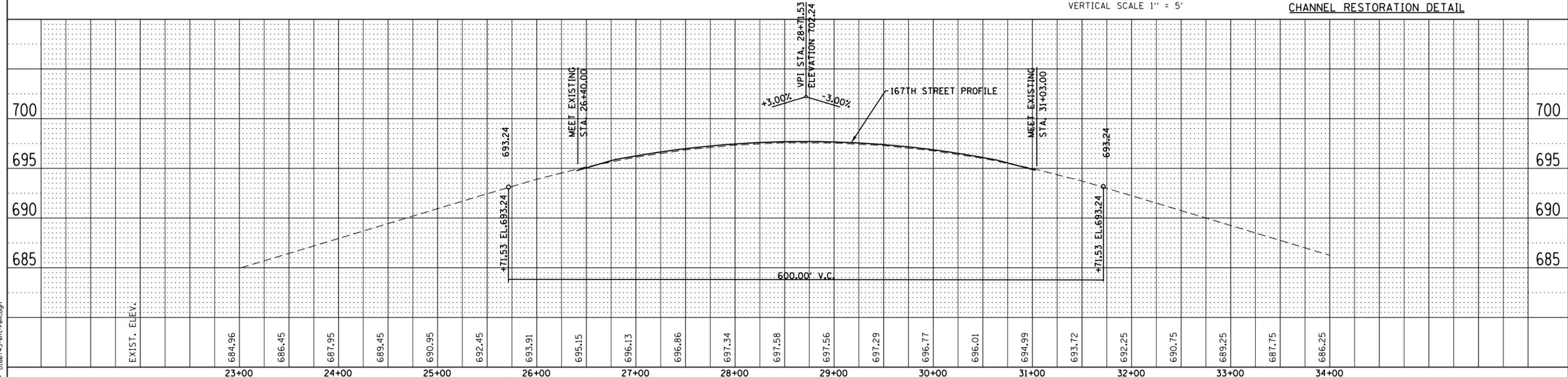
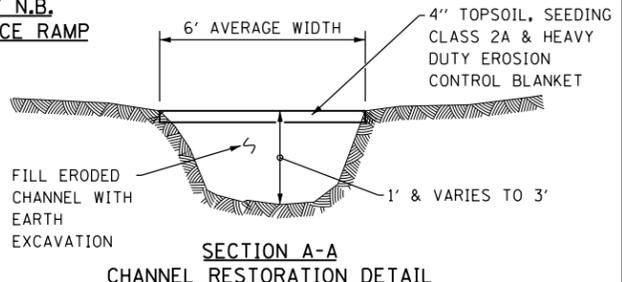
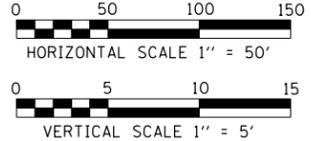
FILE NAME = D:\60T43-ah-t-500.dgn

PLOT DATE = 6/19/2018
PLOT SCALE = 100.0000' / 1"

KNIGHT
Engineers & Architects



OVERHEAD SIGN STRUCTURES REMOVAL	
LOCATION	PAY ITEM
(A) 6' x 16' GUIDE SIGN	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE
(B) 15 1/2' x 16' & 2 1/2' x 12' GUIDE SIGNS	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE & REMOVE, STORE AND RE-ERECT SIGN PANEL
(C) 9' x 21' GUIDE SIGN	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE



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DATE - JUNE 25, 2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING CONDITIONS AND REMOVAL PLAN
167TH ST OVER I-57
SCALE: 1" = 50'
SHEET NO. 1 OF 1 SHEETS
STA. TO STA.

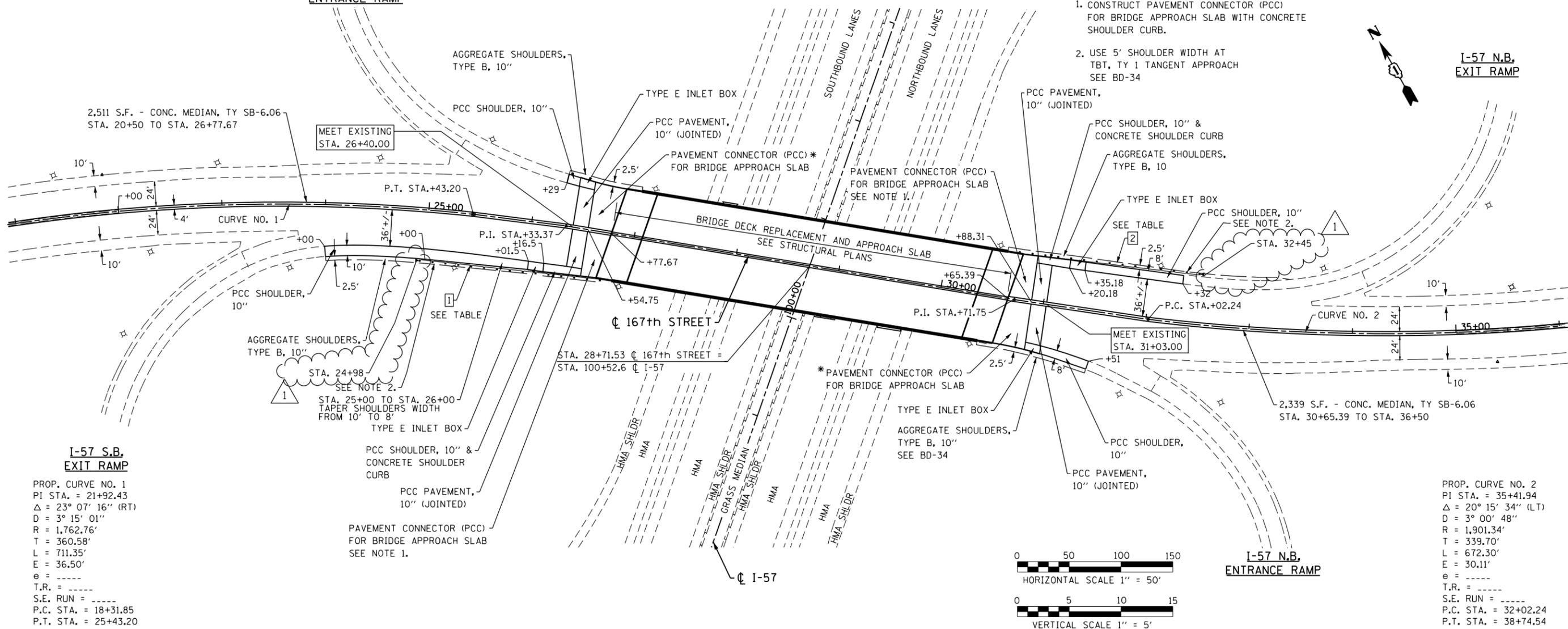
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	1011.3-BR	COOK	145	16
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60T43	

I-57 S.B.
ENTRANCE RAMP

I-57

I-57 N.B.
EXIT RAMP

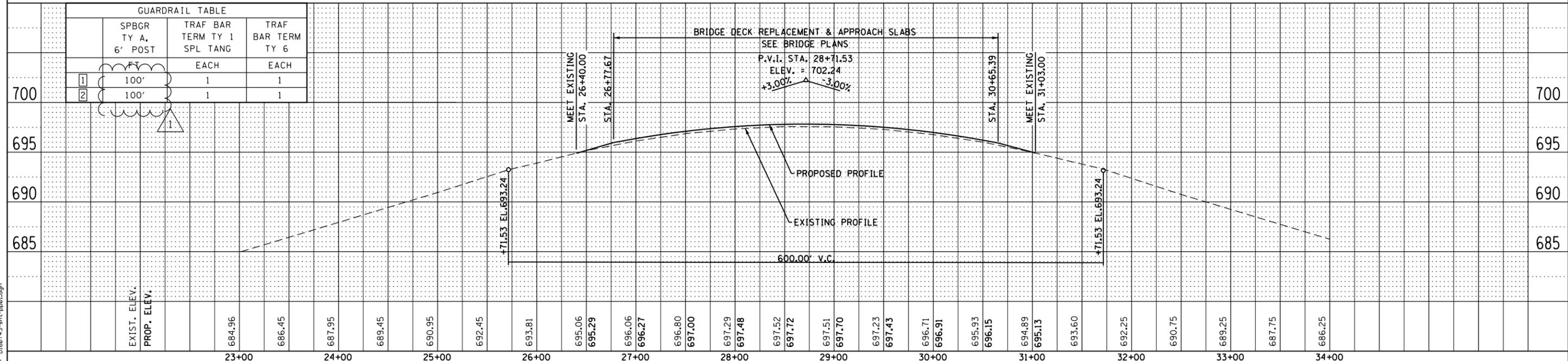
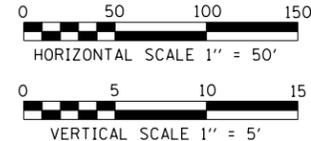
- NOTES:
 1. CONSTRUCT PAVEMENT CONNECTOR (PCC) FOR BRIDGE APPROACH SLAB WITH CONCRETE SHOULDER CURB.
 2. USE 5' SHOULDER WIDTH AT TBT, TY 1 TANGENT APPROACH SEE BD-34



I-57 S.B.
EXIT RAMP

PROP. CURVE NO. 1
 PI STA. = 21+92.43
 $\Delta = 23^\circ 07' 16''$ (RT)
 D = 3° 15' 01"
 R = 1,762.76'
 T = 360.58'
 L = 711.35'
 E = 36.50'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 18+31.85
 P.T. STA. = 25+43.20

PROP. CURVE NO. 2
 PI STA. = 35+41.94
 $\Delta = 20^\circ 15' 34''$ (LT)
 D = 3° 00' 48"
 R = 1,901.34'
 T = 339.70'
 L = 672.30'
 E = 30.11'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 32+02.24
 P.T. STA. = 38+74.54



GUARDRAIL TABLE			
SPBGR TY A, 6' POST	TRAF BAR TERM TY 1 SPL TANG	TRAF BAR TERM TY 6	
1	1	1	
2	1	1	

FILE NAME = 0160743-shr-pp01.dgn
 PLOT DATE = 9/10/2018
 PLOT SCALE = 100.0000' / 1"

KNIGHT
 Engineers & Architects

DESIGNED - SJP
 DRAWN - SJP
 CHECKED - MM
 DATE - JUNE 25, 2018

REVISED 1 SEPTEMBER 10, 2018
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PROPOSED PLAN AND PROFILE
 167TH ST OVER I-57

SCALE: 1" = 50' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	1011.3-BR	COOK	145	17

CONTRACT NO. 60T43
 FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

CONSTRUCTION STAGING NOTES

CONSTRUCTION - PRESTAGE

- 167TH ST - REMOVE CONC. BARRIER MEDIAN AND WESTBOUND HMA SHOULDERS. REPLACE WITH TEMPORARY PAVEMENT. PLACE TEMPORARY PAVEMENT MARKINGS AND TEMPORARY CONCRETE BARRIER FOR STAGE I.
- I-57 AND AUXILIARY LANES - REMOVE EXISTING PROTECTIVE SHIELDING, PLACE PROPOSED PROTECTIVE SHIELDING FOR THE BRIDGE.

CONSTRUCTION - STAGE I

- 167TH ST - REPLACE THE BRIDGE DECK AND REPLACE PCC I-BEAMS IN THE OUTSIDE SPANS FOR THE EASTBOUND LANES. PERFORM ALL OTHER WORK RELATED TO THE EASTBOUND LANES.
- I-57 AUXILIARY LANES - REMOVE AND REPLACE BEARINGS AT ABUTMENT. PERFORM STRUCTURAL REPAIRS ON ABUTMENT.
- I-57 AND AUXILIARY LANES - PERFORM STRUCTURAL REPAIRS ON CENTER PIER. REMOVE PROTECTIVE SHIELDING FOR THE EASTBOUND LANES.
- SIGNING - INSTALL TEMPORARY RAMP GUIDE SIGNS ON GROUND MOUNTED SUPPORTS AND REMOVE THE TWO GUIDE SIGNS ATTACHED TO BRIDGE SOUTH PARAPET. AT THE END OF THIS STAGE, REINSTALL THE EXISTING BRIDGE MOUNTED NORTHBOUND TOLLWAY GUIDE SIGN AND INSTALL NEW NORTHBOUND RAMP GUIDE SIGN.

CONSTRUCTION - STAGE II

- 167TH ST - REPLACE THE BRIDGE DECK AND REPLACE PCC I-BEAMS IN THE OUTSIDE SPANS FOR THE WESTBOUND LANES. CONSTRUCT THE RAISED MEDIAN ON THE BRIDGE AND APPROACH SLABS. PERFORM ALL OTHER WORK RELATED TO THE WESTBOUND LANES.
- I-57 AUXILIARY LANES - REMOVE AND REPLACE BEARINGS AT ABUTMENT. PERFORM STRUCTURAL REPAIRS ON ABUTMENT.
- I-57 AND AUXILIARY LANES - PERFORM STRUCTURAL REPAIRS ON CENTER PIER. REMOVE PROTECTIVE SHIELDING FOR THE WESTBOUND LANES. INSTALL THE UNDERPASS LIGHTING.
- SIGNING - INSTALL TEMPORARY RAMP GUIDE SIGN, REMOVE RAMP GUIDE SIGN ATTACHED TO BRIDGE NORTH PARAPET. AT THE END OF THIS STAGE, INSTALL NEW BRIDGE MOUNTED SB RAMP GUIDE SIGN.

CONSTRUCTION - STAGE III

- REMOVE TEMPORARY PAVEMENT IN THE MEDIAN AND CONSTRUCT THE CONCRETE MEDIAN TYPE SB-6.06.
- PATCH EXISTING PCC PAVEMENT USING CLASS B PATCHES
- PLACE FINAL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS.

TRAFFIC CONTROL NOTES

TRAFFIC CONTROL - PRESTAGE (NOT SHOWN)

- 167TH ST (MEDIAN WORK) - CLOSE INSIDE LANE IN EACH DIRECTION. UTILIZE STD 701601. ARTERIAL LANE CLOSURES WILL NOT BE PERMITTED DURING PEAK TRAFFIC VOLUME HOURS AS LISTED IN SPECIAL PROVISION "KEEPING ARTERIAL ROADWAYS OPEN TO TRAFFIC (LANE CLOSURES ONLY)".
- I-57 NB EXIT RAMP - NB I-57 TO WB 167TH ST (SHOULDER WORK) - CLOSE RIGHT RAMP SHOULDER AND PARTIAL CLOSURE OF RAMP PAVEMENT USING DISTRICT STANDARD TC-17.

EAST OF THE BRIDGE, CLOSE 167TH ST. OUTSIDE WB LANE, USING STD 701601. USE THIS LANE AS WEAVE LANE.

I-57 SB ENTRANCE RAMP - WB 167TH ST TO SB I-57 (SHOULDER WORK) - CLOSE RIGHT RAMP SHOULDER AND PARTIAL CLOSURE OF RAMP PAVEMENT USING DISTRICT STANDARD TC-17.

I-57 AND AUXILIARY LANES (PROTECTIVE SHIELDING) - TEMPORARY LANE CLOSURES WILL BE ALLOWED DURING THE TIMES LISTED IN THE SPECIAL PROVISION "KEEPING EXPRESSWAY OPEN TO TRAFFIC". CLOSE I-57 LANES USING STD 701400, 701401 & 701446; ALONG WITH DISTRICT STANDARDS TC-09 & TC-17.

TRAFFIC CONTROL - STAGE I

- 167TH ST - MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION AND ACCESS TO AND FROM THE I-57 RAMPS ALONG WB 167TH ST. SEE PLANS FOR THIS STAGE.

CLOSE I-57 LOOP RAMPS - ENTRANCE RAMP (EB 167TH ST TO NB I-57) AND I-57 EXIT RAMP (SB I-57 TO EB 167TH ST). DETOUR RAMP TRAFFIC. CLOSE RAMP USING DISTRICT STANDARD TC-08. SEE DETOUR PLANS AND DISTRICT STD TC-21.
- I-57 AUXILIARY LANES (BEARING REPLACEMENT) - CLOSE AUXILIARY LANE RIGHT SHOULDER WITH TEMPORARY CONCRETE BARRIER. SEE PLANS AND DISTRICT STANDARD TC-17 FOR THIS STAGE.
- I-57 AND AUXILIARY LANES (CENTER PIER REPAIR AND PROTECTIVE SHIELDING REMOVAL) - PIER REPAIR - TEMPORARY SHOULDER CLOSURE WILL BE ALLOWED DURING THE TIMES LISTED IN THE SPECIAL PROVISION "KEEPING EXPRESSWAY OPEN TO TRAFFIC". CLOSE SHOULDER USING DISTRICT STANDARD TC-17.

PROTECTIVE SHIELDING - TEMPORARY I-57 LANE CLOSURES WILL BE ALLOWED DURING THE TIMES LISTED IN THE SPECIAL PROVISION "KEEPING EXPRESSWAY OPEN TO TRAFFIC". CLOSE I-57 LANES USING STD 701400, 701401 & 701446; ALONG WITH DISTRICT STANDARDS TC-09 & TC-17.
- BRIDGE MOUNTED SIGNING - TEMPORARY I-57 LANE CLOSURES WILL BE ALLOWED DURING THE TIMES LISTED IN THE SPECIAL PROVISION "KEEPING EXPRESSWAY OPEN TO TRAFFIC". CLOSE I-57 LANES USING STD 701400, 701401 & 701446; ALONG WITH DISTRICT STANDARDS TC-09 & TC-17. EASTBOUND LANES OF 167TH ST WILL BE CLOSED TO TRAFFIC FOR THIS STAGE.

TRAFFIC CONTROL - STAGE II

- 167TH ST - MAINTAIN ONE LANE OF TRAFFIC IN EACH DIRECTION AND ACCESS TO AND FROM THE I-57 RAMPS ALONG EASTBOUND 167TH ST. SEE PLANS FOR THIS STAGE.

CLOSE I-57 LOOP RAMPS - ENTRANCE RAMP (WB 167TH ST TO SB I-57) AND I-57 EXIT RAMP (NB I-57 TO WB 167TH ST). DETOUR RAMP TRAFFIC. CLOSE RAMP USING DISTRICT STANDARD TC-08. SEE DETOUR PLANS AND DISTRICT STD TC-21.
- I-57 AUXILIARY LANES (BEARING REPLACEMENT) - CLOSE AUXILIARY LANE RIGHT SHOULDER WITH TEMPORARY CONCRETE BARRIER. SEE PLANS AND DISTRICT STANDARD TC-17 FOR THIS STAGE.
- I-57 AND AUXILIARY LANES (CENTER PIER REPAIR AND PROTECTIVE SHIELDING REMOVAL) - PIER REPAIR - TEMPORARY SHOULDER CLOSURE WILL BE ALLOWED DURING THE TIMES LISTED IN THE SPECIAL PROVISION "KEEPING EXPRESSWAY OPEN TO TRAFFIC". CLOSE SHOULDER USING DISTRICT STANDARD TC-17.

PROTECTIVE SHIELDING - TEMPORARY I-57 LANE CLOSURES WILL BE ALLOWED DURING THE TIMES LISTED IN THE SPECIAL PROVISION "KEEPING EXPRESSWAY OPEN TO TRAFFIC". CLOSE I-57 LANES USING STD 701400, 701401 & 701446 ; ALONG WITH DISTRICT STANDARDS TC-09 & TC-17.
- BRIDGE MOUNTED SIGNING AND UNDERPASS LIGHTING - TEMPORARY I-57 LANE CLOSURES WILL BE ALLOWED DURING THE TIMES LISTED IN THE SPECIAL PROVISION "KEEPING EXPRESSWAY OPEN TO TRAFFIC". CLOSE I-57 LANES USING STD 701400, 701401 & 701446; AND DISTRICT STANDARD TC-09 & TC-17. WESTBOUND LANES OF 167TH ST WILL BE CLOSED TO TRAFFIC FOR THIS STAGE.

TRAFFIC CONTROL - STAGE III (NOT SHOWN)

- MAINTAIN EASTBOUND TRAFFIC IN STAGE II CONFIGURATION AND PLACE TYPE II BARRICADES CONTINUOUSLY ALONG DOUBLE YELLOW TEMPORARY PAVEMENT MARKING. PLACE WESTBOUND TRAFFIC IN THE OUTSIDE LANE OF THE NEWLY CONSTRUCTED WESTBOUND 167TH ST PAVEMENT. CLOSE INSIDE WESTBOUND LANE USING STD 701601.
- 167TH ST - USE STD 401422 FOR PAVEMENT PATCHING.
- 167TH ST - USE STD 701426 TO PLACE FINAL PAVEMENT MARKINGS.

FILE NAME = D:\60743-sh-1-STAGING-NOTES.dgn

PLOT DATE = 9/10/2018
PLOT SCALE = 100.0000' / 1"

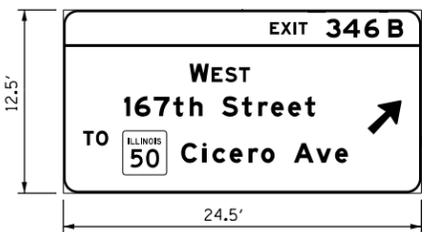
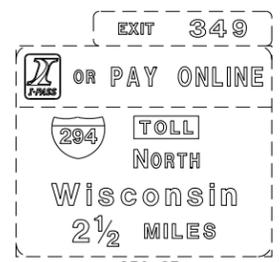


DESIGNED - SJP	REVISED ¹ - SEPTEMBER 10, 2018
DRAWN - SJP	REVISED -
CHECKED - MM	REVISED -
DATE - JUNE 25, 2018	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

MAINTENANCE OF TRAFFIC STAGING NOTES 167TH ST OVER I-57	
SCALE: NONE	SHEET NO. 1 OF 1 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	1011.3-BR	COOK	145	21
CONTRACT NO. 60T43				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

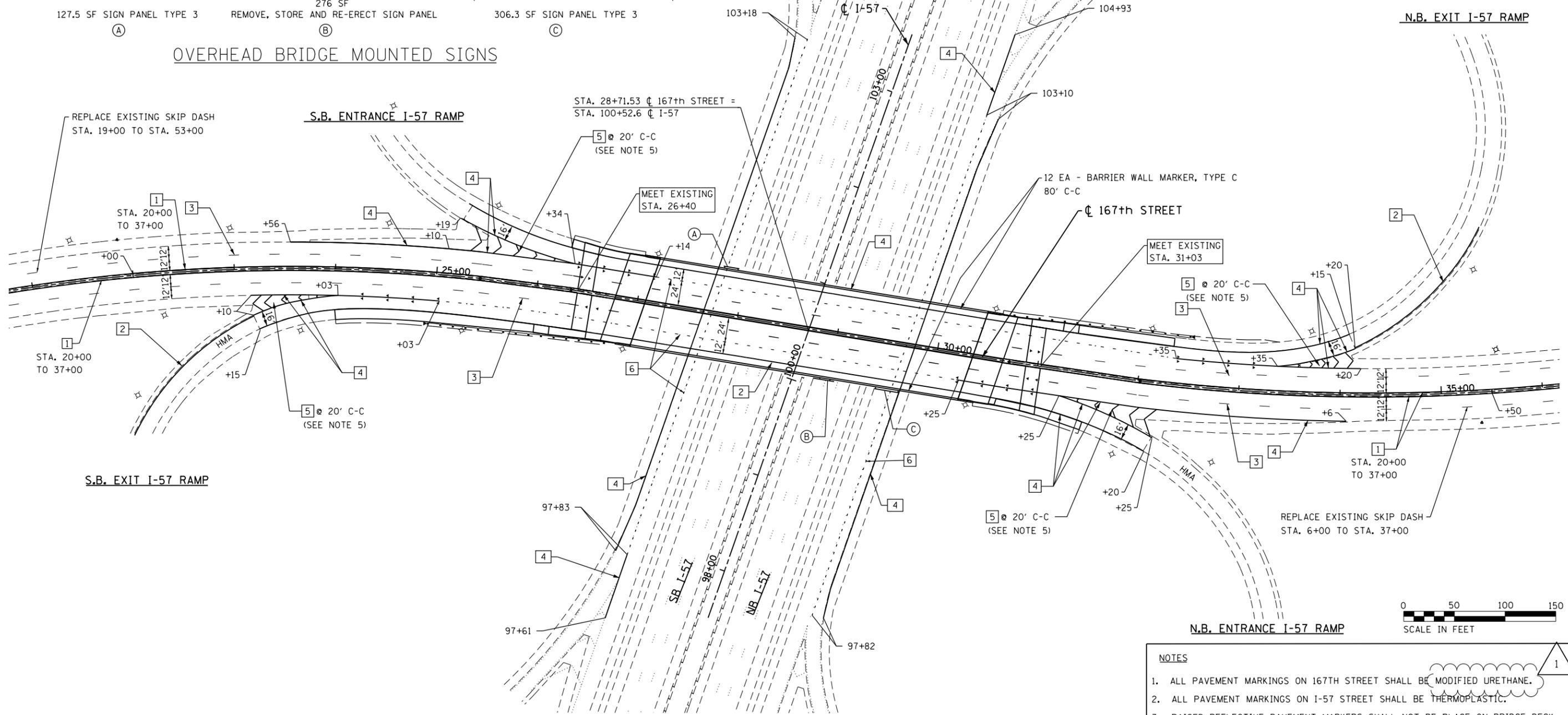


127.5 SF SIGN PANEL TYPE 3
A

REMOVE, STORE AND RE-ERECT SIGN PANEL
B

306.3 SF SIGN PANEL TYPE 3
C

OVERHEAD BRIDGE MOUNTED SIGNS



- NOTES**
- ALL PAVEMENT MARKINGS ON 167TH STREET SHALL BE MODIFIED URETHANE.
 - ALL PAVEMENT MARKINGS ON I-57 STREET SHALL BE THERMOPLASTIC.
 - RAISED REFLECTIVE PAVEMENT MARKERS SHALL NOT BE PLACED ON BRIDGE DECK. SEE DISTRICT DETAIL FOR TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT).
 - PAVEMENT MARKING SHALL BE PLACED AS SHOWN ON "DISTRICT ONE PAVEMENT MARKINGS TC-13".
 - A MINIMUM 5 EQUALLY SPACED DIAGONALS SHALL BE PLACED IN GORES.
 - IF ANY EXISTING SIGNS ALONG 167TH STREET ARE DAMAGED DUE TO CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL REPLACE THE TRAFFIC CONTROL DEVICES IN ACCORDANCE WITH THE DISTRICT I STANDARDS FOR TRAFFIC CONTROL DEVICES, AT NO ADDITIONAL COST TO THE DEPARTMENT.

LEGEND

1 LINE 4" (YELLOW SOLID LINE)	5 LINE 12" (WHITE DIAGONAL LINE)
2 LINE 4" (WHITE SOLID LINE)	6 LINE 8" (WHITE LANE LINE - 3' DASH, 9' SKIP)
3 LINE 4" (WHITE LANE LINE - 10' DASH, 30' SKIP)	
4 LINE 8" (WHITE SOLID LINE)	

FILE NAME = 0160743-shr-pmk.dgn

PLOT DATE = 9/10/2018
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DESIGNED - SJP	REVISED 1 - SEPTEMBER 10, 2018
DRAWN - SJP	REVISED -
CHECKED - MM	REVISED -
DATE - JUNE 25, 2018	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND AND SIGNING
167TH ST OVER I-57

SCALE: 1" = 50' SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	1011.3-BR	COOK	145	44
CONTRACT NO. 60T43			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT	