F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
683	0303-474HB-R	COOK	368	1
	ILLINOIS	CONTRACT NO. 60F63		

06-14-13 LETTING ITEM 013

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

PROPOSED
HIGHWAY PLANS

F.A.I. 90 /94 (KENNEDY EXPRESSWAY) AT OHIO STREET
SECTION: 0303–474HB–R
PROJECT: NHPP-0094(401)
BRIDGE REHABILITATION AND RAMP CONSTRUCTION
COOK COUNTY
C–91–177–09

PROJECT LOCATED IN CITY OF CHICAGO

FOR INDEX OF SHEETS, SEE SHEET NO. 2

DESIGN DESIGNATION

DESIGN DESIGNATION:
RAMP A 1200(40) INTERSTATE 16.30(PCC–20)
RAMP C 700(40) INTERSTATE 10.87(PCC–20)

	ADT(2008)	ADT(2040)	DESIGN SPEED	POSTED SPEED
RAMP A	23,230	24,000	35	30
RAMP C	15,285	16,000	35	30
I–90/94 EB	118,490	124,000	50	45
I–90/94 WB	109,010	136,000	50	45

DESCRIPTION OF PROJECT

RAMP C OVER I–90/94
SN 016–1003 (EX.)
SN 016–1322 (PROP.)
STRUCTURE REMOVAL AND REPLACEMENT
LENGTH = 305'–4 5/8"

RAMP C OVER RAMP D,
SN 016–1003 (EX.)
SN 016–1323 (PROP.)
STRUCTURE REMOVAL AND REPLACEMENT
LENGTH = 89'–6 1/2"

RAMP C OVER RAMP A,
SN 016–2573 (EX.)
STRUCTURE MODIFICATIONS AND PPC DECK BEAM REPLACEMENT
LENGTH = 307'–7"

RETAINING WALL ALONG RAMP C,
SN 016–Z014 (PROP.)
STA 120 + 00 TO STA 123 + 60,
LENGTH = 89'–6 1/2"

100' 200' 300' — 1" = 100'
10' 20' 30' — 1" = 10'
50' 100' — 1" = 50'
50' 100' — 1" = 40'
50' 100' — 1" = 30'
50' 100' — 1" = 20'

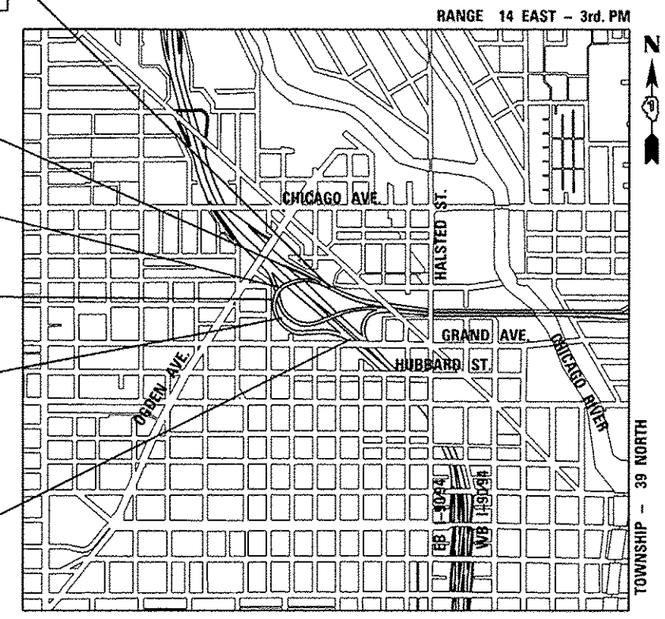
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

C.U.A.N.
CHICAGO UTILITY ALERT NETWORK
(312) 744–7000

PROJECT ENGINEER: ADDIS ABEBAW
PROJECT MANAGER: BRIAN KUTTAB

CONTRACT NO. 60F63

BEGIN IMPROVEMENTS
RAMP C
STA. 103 + 00



RAMP A OVER RAMP C

RAMP C OVER I–90/94

RAMP C OVER RAMP D

RETAINING WALL ALONG RAMP C

END IMPROVEMENTS
RAMP C
STA. 127 + 90.44

LOCATION MAP
(SCALE: 1" = 1/2Mi)

CHICAGO

PROJECT GROSS LENGTH = 2490.44 FT. = 0.471674 MILE
PROJECT NET LENGTH = 2490.44 FT. = 0.471674 MILE

LOCATION OF SECTION INDICATED THUS: –

MATTHEW C. REMPFER
062-054553
LICENSED PROFESSIONAL ENGINEER
OF ILLINOIS
3/8/13

COLLINS ENGINEERS, INC.
MATTHEW C. REMPFER
NO. 062-054553
EXPIRES 11-30-2013
FOR DRAWINGS: _____

STATE OF ILLINOIS
JAMES M. HAMELKA
81-6116
STRUCTURAL ENGINEER
CHICAGO, ILLINOIS
3/8/13

COLLINS ENGINEERS, INC.
JAMES M. HAMELKA
NO. 81-6116
EXPIRES 11-30-2014
FOR DRAWINGS: _____

STATE OF ILLINOIS
GHULAM M. KAMAL
081-006522
STRUCTURAL ENGINEER
3/6/13

GHULAM MASOOM KAMAL, S.E.
IL LIC. NO. 081-006522
EXPIRES 11-30-2014
FOR DRAWINGS: _____

IRWIN A. BERMAN
062-029180
LICENSED PROFESSIONAL ENGINEER
OF ILLINOIS
3/8/13

IRWIN A. BERMAN
NO. 062-029180
EXPIRES 11-30-2013
FOR DRAWINGS: _____

COLLINS ENGINEERS INC
123 N. WACKER DR., SUITE 900
CHICAGO, IL 60606
(312) 704-9300
ILLINOIS PROFESSIONAL DESIGN FIRM No. 184-000993

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 11 20 13
Steven Fortmann P.E.
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

May 10 20 13
John D. Baranzelli P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

May 10 20 13
Omer Osman P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

PRINTED BY THE AUTHORITY OF THE STATE OF ILLINOIS

DISTRICT 1 DESIGN /CONSULTANT SERVICES: BRIAN KUTTAB, P.E. (847)705–4431 SCHAUMBURG, ILLINOIS

368+1 = 369

D–91–177–09

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LIST OF STATE STANDARDS

STD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS PF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
420001-07	PAVEMENT JOINTS
420101-04	24 FT JOINTED PAVEMENT
420111-03	PCC PAVEMENT ROUNDOUTS
420206-08	ENTRANCE RAMP TERMINAL (JOINTED PCC RAMP PAVEMENT ADJACENT TO CRC MAINLINE PAVEMEI
420401-09	BRIDGE APPROACH PAVEMENT CONNECTOR
421001-02	BAR REINFORCEMENT FOR CRC PAVEMENT
442001-04	CLASS A PATCHES
483001-04	PCC SHOULDER
515001-03	NAME PLATE FOR BRIDGES
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTION
601001-04	SUB-SURFACE DRAINS
601101-01	CONCRETE HEADWALL FOR PIPE DRAIN
602001-02	CATCH BASIN, TYPE A
602301-03	INLET, TYPE A
602401-03	MANHOLE, TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604001-03	FRAME AND LIDS, TYPE 1
604006-04	FRAME AND GRATE, TYPE 3
604036-02	GRATE, TYPE 8
604046-02	FRAME AND GRATE, TYPE 10
604091-02	FRAME AND GRATE, TYPE 24
604101-01	MEDIAN INLET FOR 24" (600 MM) REINFORCED CONCRETE PIPE
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
606201-02	TYPE B GUTTER (INLET, OUTLET, AND ENTRANCE)
609006-05	BRIDGE APPROACH PAVEMENT (DRAIN DETAIL)
630001-10	STEEL PLATE BEAM GUARDRAIL
630301-06	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631031-11	TRAFFIC BARRIER TERMINAL, TYPE 6
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
637006-03	CONCRETE BARRIER 42 IN. (1065 MM) HEIGHT
642001-02	SHOULDER RUMBLE STRIPS, 16 IN.
643001-01	SAND MODULE IMPACT ATTENUATORS
664001-02	CHAIN LINK FENCE
701101-03	OFF-ROAD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600 MM) FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701331-04	LANE CLOSURE, 2L, 2W, WITH RUN-AROUND, FOR SPEEDS > 45 MPH
701400-06	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-07	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXT RAMP, FOR SPEEDS > 45 MPH
701426-05	LANE CLOSURE, MULTILANE, INTERMITTANT OR MOVING OPERATIONS, FOR SPEEDS >= 45 MPH
701446-04	TWO LANE CLOSURE, FREEWAY/EXPRESSWAY
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
720001-01	SIGN PANEL MOUNTING DETAILS
720006-03	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
814001-02	HANDHOLES
814006-02	DOUBLE HANDHOLES

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STD NO.	DESCRIPTION
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BD27	CONCRETE BARRIER TRANSITION, GENERAL DETAILS AND CONCRETE BARRIER BASE
BD48	PCC PAVEMENT ROUNDOUTS AT CURB & GUTTER
BD49	DETAIL OF C.L. SAWCUT 4.9 m (16') & VAR. JOINTED PCC PAV'T. FOR RAMPS
BD51	BENCHING CONSTRUCTION DETAIL
TC08	ENTRANCE AND EXIT RAMP CLOSURE DETAILS
TC09	FREEWAY SINGLE AND MULTI LANE WEAVE
TC11	RAISED REFLECTIVE PAVEMENT MARKERS (SNOW PLOW RESISTANT)
TC12	MULTI-LANE FREEWAY PAVEMENT MARKING (2 SHEETS)
TC16	PAVEMENT MARKING LETTERS AND SYMBOLS FOR TRAFFIC STAGING
TC17	TRAFFIC CONTROL FOR SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES
TC18	SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS
TC21	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
TC24	CITY OF CHICAGO TYPICAL PAVEMENT MARKINGS (2 SHEETS)
TC27	MILE POST MARKERS - GORE SIGNS - MAJOR GUIDE SIGN LAYOUT - ARROWS

FILE NAME = IL7800 - 194 at Ohio Streets\1400\CAD SHEETS\D18F63-sht-highway_standards.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 2.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
INDEX OF SHEETS AND HIGHWAY STANDARDS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	2
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

GENERAL NOTES

1 THE CONTRACTOR SHALL MAINTAIN ALL ROADWAYS OPEN TO TRAFFIC AS SHOWN ON THE MAINTENANCE OF TRAFFIC PLANS.

2 BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E. AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS UTILITIES (48 HOUR NOTICE IS REQUIRED).

3 10 FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS OF WORK TO EXISTING CURB AND GUTTER AND MEDIAN ITEMS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR THE PROPOSED LARGER ITEM OF SPECIFIED WORK.

4 THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH AFFECTED UTILITY COMPANIES AND MUNICIPALITIES

5 THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE RIGHT-OF-WAY OR PROPERTY WITHOUT PRIOR WRITTEN PERMISSION FROM THE ENGINEER.

6 BARRIER WALL MARKERS, TYPE C SHALL BE INSTALLED ON MEDIAN CONCRETE BARRIER WALL AND PARAPETS AT A HEIGHT OF 28 INCHES FROM THE TOP OF SHOULDER TO THE BOTTOM OF THE REFLECTOR AND SPACED AT 50 FEET CENTER-TO-CENTER ON CURVES AND 100 FEET CENTER-TO-CENTER ON TANGENTS OR AS DIRECTED BY THE TRAFFIC OPERATIONS FIELD ENGINEER. THE BARRIER WALL MARKERS SHALL BE INSTALLED PRIOR TO OPENING THE NEW PAVEMENT TO TRAFFIC.

7 A BOXED NOTE INDICATES AN ITEM OF WORK THAT IS NOT PAID FOR SEPARATELY, BUT IS PAID FOR AS PART OF ANOTHER ITEM LISTED IN THE SUMMARY OF QUANTITIES.

7A NIGHT OPERATIONS: WHEN ARTIFICIAL LIGHTING IS UTILIZED IN NIGHT OPERATIONS. THE CONTRACTOR SHALL EXERCISE THE UTMOST PRECAUTION IN PREVENTING ADVERSE VISIBILITY TO THE MOTORING PUBLIC AS WELL AS THE ADJOINING RESIDENTIAL AREAS.

8 USE NO.8 EPOXY-COATED TIE BARS CONFORMING TO ARTICLE 1006.1 (BX2) OF THE STANDARD SPECIFICATIONS FOR LONGITUDINAL CONSTRUCTION JOINT, GROUTED-IN-PLACE TIE BARS. AS SHOWN ON STATE STANDARD 420001 AND FOR TYING PCC PAVEMENT WIDENING TO EXISTING CONCRETE PAVEMENT AS SHOWN ON THE PLANS. THE COST OF THIS ITEM SHALL BE INCLUDED IN THE COST OF THE PAVEMENT ITEMS BEING CONSTRUCTED.

9 ALL ELEVATIONS REFER TO U.S.G.S. MEAN SEA LEVEL DATUM.

10 BEFORE ORDERING STORM SEWERS. CATCH BASINS, PIPE CULVERTS, PIPE DRAINS, MANHOLES, INLETS, AND SCUPPERS, THE CONTRACTOR SHALL REVIEW THE EXISTING FIELD CONDITIONS AND THE DRAINAGE SCHEDULES FOUND IN THE PLANS FOR THE EXACT LENGTH AND QUANTITY REQUIRED.

11 THE CONTRACTOR SHALL MAINTAIN THE SURFACE DRAINAGE OF ALL ROADWAYS DURING CONSTRUCTION OF THIS PROJECT. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, INLETS, AND CATCH BASINS. THE CONTRACTOR SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER, WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE SAME. THE CONTRACTOR SHALL PROVIDE AND MAINTAIN A TEMPORARY OUTLET AND BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM ALL THESE TEMPORARY CONNECTIONS UNTIL INSTALLATION IS COMPLETE, INCLUDING PAVEMENT. THIS WORK SHALL NOT BE PAID FOR DIRECTLY BUT SHALL BE CONSIDERED INCLUDED IN THE CONTRACT. COORDINATION WITH ALL AGENCIES INVOLVED IS REQUIRED.

12 NOT USED.

13 AGGREGATE SUBGRADE IMPROVEMENT HAS BEEN PROVIDED FOR USE AT THE LOCATIONS INDICATED FOR SOILS THAT TEND TO BE UNSUITABLE OR UNSTABLE. THE ACTUAL NEED FOR THE REMOVAL AND REPLACEMENT WITH AGGREGATE SUBGRADE IMPROVEMENT 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 CONE PENETROMETER AND TREATED IN ACCORDANCE WITH ARTICLE 301.04 AND THE IDOT SUBGRADE STABILITY MANUAL. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS ENCOUNTERED, THE SOIL SHALL BE REMOVED AND REPLACED WITH AGGREGATE SUBGRADE IMPROVEMENT OR EMBANKMENT AS DETERMINED BY THE GEOTECHNICAL ENGINEER. IF UNSTABLE AND/OR UNSUITABLE MATERIAL IS NOT ENCOUNTERED, THEN THE QUANTITY SHALL BE DEDUCTED AND NO ADDITIONAL COMPENSATION WILL BE DUE TO THE CONTRACTOR.

GENERAL NOTES (CONT.):

14 DURING CONSTRUCTION OPERATIONS, IF ANY LOOSE MATERIAL IS DEPOSITED IN THE FLOW LINE OF DRAINAGE STRUCTURES SUCH THAT THE NATURAL FLOW OF WATER IS OBSTRUCTED, THE MATERIAL SHALL BE REMOVED AT THE CLOSE OF EACH WORKING DAY. AT THE CONCLUSION OF CONSTRUCTION OPERATIONS, ALL UTILITY STRUCTURES SHALL BE FREE FROM DUST AND DEBRIS. THE WORK SPECIFIED ABOVE WILL NOT BE PAID SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

15 THE CONTRACTOR SHALL CONTACT THE IDOT TRAFFIC CONTROL SUPERVISOR, AT 847-705-4155 A MINIMUM OF 72 HOURS PRIOR TO THE PLACEMENT OF ANY TEMPORARY TRAFFIC CONTROL DEVICES.

16 THE RESIDENT ENGINEER SHALL CONTACT THE AREA TRAFFIC FIELD ENGINEER AT (847) 705-4412 A MINIMUM OF TWO (2) WEEKS PRIOR TO PLACING THE PERMANENT PAVEMENT MARKINGS.

17 THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS THAT WILL NOT BE REMOVED. ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S OWN EXPENSE.

18 ANY ABANDONED UTILITY OR SEWER ENCOUNTERED DURING CONSTRUCTION OR ANY EXISTING UTILITY OR SEWER ABANDONED AS PART OF THE CONSTRUCTION THAT IS NOT BEING FILLED WITH C.L.S.M., AS PER PLAN, SHALL BE PLUGGED AS DIRECTED BY THE ENGINEER AND ABANDONED IN PLACE. THIS WORK SHALL BE INCLUDED IN THE COST OF THE CONTRACT.

19 THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UNDERGROUND OR SURFACE UTILITIES EVEN THOUGH THEY MAY NOT BE SHOWN ON THE PLANS. ANY UTILITY THAT IS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED OR REPLACED TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE AT THE CONTRACTOR'S EXPENSE.

20 ANY EXISTING OR PROPOSED STORM SEWER DAMAGED BY THE CONTRACTOR DURING CONSTRUCTION SHALL BE REPLACED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.

21 THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT AND PROVIDE ACCESS TO ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.

22 FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DOWEL BARS AND TIE BARS IN PAVEMENT, SHOULDERS, CURB, GUTTER, COMBINATION CURB AND GUTTER AND MEDIAN, AND CHAIR SUPPORTS FOR CRC PAVEMENT, SHALL BE EPOXY COATED, UNLESS NOTED ON THE PLAN.

23 THE CONTRACTOR SHALL USE CARE IN GRADING OR EXCAVATING NEAR ANY AND ALL EXISTING ITEMS WHICH WILL NOT BE REMOVED, ANY DAMAGE DONE TO EXISTING ITEMS BY THE CONTRACTOR SHALL BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.

24 AREAS TO BE SEEDED BETWEEN NOVEMBER 1 AND APRIL 1 SHALL REQUIRE DORMANT SEEDING WHICH SHALL BE INCLUDED IN THE COST OF SEEDING CLASS 2A.

25 THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS FOR THE PROTECTION OF EXISTING PLANT MATERIAL FOR WHICH THE CONTRACT DOES NOT PROVIDE REMOVAL. THE PROTECTION OF EXISTING PLANT MATERIAL AND THE REPAIR OR REPLACEMENT OF EXISTING PLANT MATERIAL DAMAGED BY THE CONTRACTOR SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF SECTION 201 OF THE STANDARD SPECIFICATIONS.

26 LAYOUT OF LANDSCAPED AREAS WILL REQUIRE APPROVAL OF THE ENGINEER PRIOR TO SEEDING, AND PLANTING.

27 FOR STORM SEWER CONSTRUCTED UNDER THE ROADWAY, BACKFILLING METHODS TWO AND THREE AUTHORIZED UNDER THE PROVISIONS OF ARTICLE 550.07 OF THE STANDARD SPECIFICATIONS WILL NOT BE ALLOWED.

28 NOT USED.

29 ALL UTILITY LIDS UNDER TRAFFIC SHALL BE SECURED TO THE FRAMES. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL).

30 THE CONTRACTOR SHALL MAKE THEMSELVES AVAILABLE TO ATTEND MEETINGS WITH IDOT WITH IDOT ETP PERSONNEL. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE COST OF THE CONTRACT.

GENERAL NOTES (CONT.):

31 THE DEPARTMENT HAS NOT OBTAINED ANY PERMITS FOR OFFSITE BORROW OR WASTE/USE (BWU) AREAS. PRIOR TO WORKING IN BWU AREAS, IF THE CONTRACTOR CHOOSES TO USE ACTIVITIES REQUIRING PERMITS IT IS THE CONTRACTOR'S RESPONSIBILITY TO SECURE THE PROPER PERMITS. IN ADDITION TO THE BORROW REVIEW (BDE 2289) AND USE/WASTE REVIEW (BDE 2290) SUBMITTALS, THE CONTRACTOR WILL NEED TO SUBMIT AN EROSION AND SEDIMENT CONTROL (ESC) PLAN FOR EVERY BWU SITE TO THE DEPARTMENT FOR ACCEPTANCE. GUIDELINES FOR ACCEPTABLE BWU PRACTICES CAN BE FOUND IN SECTION II.5.A AND B OF THE SWPPP. THE COST OF ALL MATERIALS AND LABOR NECESSARY TO COMPLY WITH THE ABOVE PROVISIONS TO PREPARE AND IMPLEMENT ESC PLANS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE CONSIDERED AS INCLUDED IN THE UNIT BID PRICES OF THE CONTRACT AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

32 ALL PAVEMENT PATCHING LOCATIONS WILL BE DETERMINED BY THE ENGINEER IN THE FIELD.

33 THE CONTRACTOR WILL NOT BE ALLOWED TO USE ANY AREA AROUND THE PROJECT SITE AS A MATERIAL STAGING AREA WITHOUT PRIOR WRITTEN AUTHORIZATION FROM THE ENGINEER. A SUGGESTED LOCATION FOR STORAGE OF EXCAVATED MATERIALS IS SHOWN ON THE EROSION CONTROL PLANS. THIS LOCATION MAY BE ADJUSTED WITH PRIOR WRITTEN APPROVAL FROM THE ENGINEER. ALL DAMAGE TO EXISTING LANDSCAPING AS A RESULT OF MATERIAL STORAGE AND/OR STAGING GROUNDS SHALL BE REPAIRED BY THE CONTRACTOR AT HIS/HER OWN EXPENSE IN ACCORDANCE WITH NOTE 25.

CITY OF CHICAGO

1 BEFORE STARTING ANY EXCAVATION WITHIN THE CITY OF CHICAGO, THE CONTRACTOR SHALL CONTACT "C.U.A.N." (CHICAGO UTILITY ALERT NETWORK) AT (312) 744-7000 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE, AND GAS FACILITIES. 48 HOUR NOTIFICATION IS REQUIRED.

COMMITMENTS

1 NONE

FILE NAME = I:\7820 - I94 at Ohio Streets\C400\CAD0 SHEETS\0160F63-sht-under.dgn

COLLINS ENGINEERS, INC.

USER NAME = rgoll	DESIGNED -	REVISED -	
PLOT SCALE = 2.0000 ' / in.	DRAWN -	REVISED -	
PLOT DATE = 3/25/2013	CHECKED -	REVISED -	
	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
GENERAL NOTES AND COMMITMENTS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	3
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

URBAN
90% FED.
10% STATE

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	LANDSCAPING	BRIDGE	BRIDGE	BRIDGE	MINOR STRUCTURES	SAFETY
					ROADWAY 0004 S.N.	0031 URBAN	0011 S.N. 016-1322	0011 S.N. 016-1323	0011 S.N. 016-2573	0040 S.N. 016-Z014	0021 URBAN
	20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	968	968	968					
	20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	100	100	100					
	20100500	TREE REMOVAL, ACRES	ACRE	0.6	0.6	0.6					
	20101000	TEMPORARY FENCE	FOOT	805	805						
	20101100	TREE TRUNK PROTECTION	EACH	20	20	20					
	20101700	SUPPLEMENTAL WATERING	UNIT	100	100	100					
	20200100	EARTH EXCAVATION	CU YD	8887	8887						
	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CU YD	3716	3716						
	20800150	TRENCH BACKFILL	CU YD	130	130						
	21001000	GEOTECHNICAL FABRIC FOR GROUND STABILIZATION	SQ YD	2343	2343						
*	21101600	TOPSOIL FURNISH AND PLACE, VARIABLE DEPTH	SQ YD	386	386	386					
*	21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	12872	12,872	12872					
	21400100	GRADING AND SHAPING DITCHES	FOOT	100	100						
*	25000210	SEEDING, CLASS 2A	ACRE	3.1	3.1	3.1					
*	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	207	207	207					
*	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	207	207	207					
*	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	207	207	207					

• - DENOTES SPECIALTY ITEM
▭ - DENOTES 100% CITY OF CHICAGO
△ - DENOTES NON-PARTICIPATING ITEM (100% STATE)

Rev.

FILE NAME = I:\7800 - I-94 at Ohio Street\CADD\CADD SHEETS\D16OF63-500.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 2.0000 ' / in.	DRAWN -	REVISED -
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	4
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

URBAN
90% FED.
10% STATE

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE ROADWAY 0004 S.N.	~~LANDSCAPING~~ ~~0081~~ URBAN	BRIDGE 0011 S.N. 016-1322	BRIDGE 0011 S.N. 016-1323	BRIDGE 0011 S.N. 016-2573	MINOR STRUCTURES 0040 S.N. 016-Z014	SAFETY 0021 URBAN
*	25100115	MULCH, METHOD 2	ACRE	3.0	3.0						
*	25100135	MULCH, METHOD 4	ACRE	0.5	0.5						
*	25100630	EROSION CONTROL BLANKET	SQ YD	14520	14520						
*	25100900	TURF REINFORCEMENT MAT	SQ YD	67	67						
	28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	300	300						
	28000305	TEMPORARY DITCH CHECKS	FOOT	590	590						
	28000400	PERIMETER EROSION BARRIER	FOOT	505	505						
	28000510	INLET FILTERS	EACH	40	40						
	28100105	STONE RIPRAP, CLASS A3	SQ YD	4	4						
	28200200	FILTER FABRIC	SQ YD	4	4						
	30300001	AGGREGATE SUBGRADE IMPROVEMENT	CU YD	937	937						
	30300104	AGGREGATE SUBGRADE IMPROVEMENT 4"	SQ YD	3628	3628						
	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SQ YD	9401	9401						
	31102150	SUBBASE GRANULAR MATERIAL, TYPE C 4 1/2"	SQ YD	5127	5127						
	31200502	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	SQ YD	9401	9401						
	42000506	PORTLAND CEMENT CONCRETE PAVEMENT 10 1/4" (JOINTED) *	SQ YD	3335	3335						
	42001300	PROTECTIVE COAT	SQ YD	9401	9401						

17x

* - DENOTES SPECIALTY ITEM
[CC] - DENOTES 100% CITY OF CHICAGO
(1) - DENOTES NON-PARTICIPATING ITEM

FILE NAME = j:\7888 - 194 at Ohio Streets\C400\C400 SHEETS\SBF63-500.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	5
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

URBAN
90% FED.
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE ROADWAY 0004 S.N.	~~LANDSCAPING~~ ~~0061~~ ~~URBAN~~	BRIDGE 0011 S.N. 016-1322	BRIDGE 0011 S.N. 016-1323	BRIDGE 0011 S.N. 016-2573	MINOR STRUCTURES 0040 S.N. 016-Z014	SAFETY 0021 URBAN
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	727	727						
42100340	CONTINUOUSLY REINFORCED PORTLAND CEMENT CONCRETE PAVEMENT 12"	SQ YD	212	212						
42100615	PAVEMENT REINFORCEMENT	SQ YD	939	939						
44000100	PAVEMENT REMOVAL	SQ YD	4196	4196						
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	110	110						
44001980	CONCRETE BARRIER REMOVAL	FOOT	1766	1766						
44003100	MEDIAN REMOVAL	SQ FT	319	319						
44004250	PAVED SHOULDER REMOVAL	SQ YD	4141	4141						
44200974	CLASS B PATCHES, TYPE III, 10 INCH	SQ YD	300	300						
44213200	SAW CUTS	FOOT	1343	1343						
44213202	TIE BARS 1"	EACH	340	340						
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SQ YD	500	500						
48101620	AGGREGATE SHOULDERS, TYPE B 10"	SQ YD	837	837						
48300505	PORTLAND CEMENT CONCRETE SHOULDERS 10 1/4"	SQ YD	3679	3679						
48300700	PORTLAND CEMENT CONCRETE SHOULDERS 12"	SQ YD	1448	1448						
50101700	REMOVAL OF EXISTING SUPERSTRUCTURES NO. 1	EACH	1					1		
50102400	CONCRETE REMOVAL	CU YD	173.5					173.5		

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• - DENOTES SPECIALTY ITEM
(CC) - DENOTES 100% CITY OF CHICAGO
⚠ - DENOTES NON-PARTICIPATING ITEM

Rev.

FILE NAME = I:\7808 - 194 at Ohio Streets\C005\0400 SHEETS\D1SHF63-300.dgn

COLLINS ENGINEERS INC

USER NAME = rgoll	DESIGNED -	REVISED -
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	6
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

URBAN
90% FED.
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE						
				ROADWAY	~~LANDSCAPING~~	BRIDGE	BRIDGE	BRIDGE	MINOR STRUCTURES	SAFETY
				0004	~~0061~~	0011	0011	0011	0040	0021
				S.N.	~~URBAN~~	S.N. 016-1322	S.N. 016-1323	S.N. 016-2573	S.N. 016-Z014	URBAN
50200100	STRUCTURE EXCAVATION	CU YD	832.1					321.4	510.7	
50200450	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL FOR STRUCTURES	CU YD	1323.6			298.2	1025.4			
50300225	CONCRETE STRUCTURES	CU YD	889.3			261.4	108.0	375.0	144.9	
50300255	CONCRETE SUPERSTRUCTURE	CU YD	1181.5			591.3	397.6	192.6		
50300260	BRIDGE DECK GROOVING	SQ YD	1921			1345	576			
50300285	FORM LINER TEXTURED SURFACE	SQ FT	1447					1447		
50300300	PROTECTIVE COAT	SQ YD	3910			2475	1435			
50400405	PRECAST PRESTRESSED CONCRETE DECK BEAMS (21" DEPTH)	SQ FT	1371					1371		
50400505	PRECAST PRESTRESSED CONCRETE DECK BEAMS (27" DEPTH)	SQ FT	11480					11480		
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1			0.81	0.19			
50500505	STUD SHEAR CONNECTORS	EACH	13928			9903	2853		1172	
50800105	REINFORCEMENT BARS	POUND	65240			50870	14370			
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	460676			230740	118650	89120	22166	
50800515	BAR SPLICERS	EACH	2138			1379	651	108		
50800530	MECHANICAL SPLICERS	EACH	1464			1050	276	138		
50901730	BRIDGE FENCE RAILING	FOOT	126					126		
51200957	FURNISHING METAL SHELL PILES 12" X 0.250"	FOOT	396					396		

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• - DENOTES SPECIALTY ITEM
▣ - DENOTES 100% CITY OF CHICAGO
△ - DENOTES NON-PARTICIPATING ITEM

FILE NAME = i:\2013 - I94 at Ohio Street\CSD\CADD SHEETS\I90EF63-S00.dgn

COLLINS ENGINEERS

USER NAME = rgall	DESIGNED -	REVISED -
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	7
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

URBAN
90% FED.
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE ROADWAY 0004 S.N.	~~LANDSCAPING~~ ~~0021~~ ~~URBAN~~	BRIDGE 0011 S.N. 016-1322	BRIDGE 0011 S.N. 016-1323	BRIDGE 0011 S.N. 016-2573	MINOR STRUCTURES 0040 S.N. 016-Z014	SAFETY 0021 URBAN
51202305	DRIVING PILES	FOOT	396					396		
51203200	TEST PILE METAL SHELLS	EACH	1					1		
51500100	NAME PLATES	EACH	3			1	1	1		
51602000	PERMANENT CASING	FOOT	1864			1109	755			
51603000	DRILLED SHAFT IN SOIL	CU YD	345			218.4	126.2			
52000110	PREFORMED JOINT STRIP SEAL	FOOT	205			104	101			
52100520	ANCHOR BOLTS, 1"	EACH	168			112	56			
54213657	PRECAST REINFORCED CONCRETE FLARED END SECTIONS 12"	EACH	1	1						
5421A012	PIPE CULVERTS, CLASS A, TYPE 1 12" (TEMPORARY)	FOOT	130	130						
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	243	243						
550A0380	STORM SEWERS, CLASS A, TYPE 2 18"	FOOT	99	99						
550A0930	STORM SEWERS, CLASS A, TYPE 4 10"	FOOT	56	56						
550A0940	STORM SEWERS, CLASS A, TYPE 4 12"	FOOT	410	410						
550A0960	STORM SEWERS, CLASS A, TYPE 4 15"	FOOT	75	75						
55100400	STORM SEWER REMOVAL 10"	FOOT	24	24						
55100500	STORM SEWER REMOVAL 12"	FOOT	651	651						
55100700	STORM SEWER REMOVAL 15"	FOOT	94	94						

• - DENOTES SPECIALTY ITEM
(CC) - DENOTES 100% CITY OF CHICAGO
△ - DENOTES NON-PARTICIPATING ITEM

FILE NAME = N:\2013 - I94 at Ohio Street\C420\C420 SHEETS\0163F63-S00.dgn

COLLINS ENGINEERS INC

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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	8
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

URBAN
90% FED.
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE ROADWAY 0004 S.N.	~~LANDSCAPING~~ ~~0081~~ ~~URBAN~~	BRIDGE 0011 S.N. 016-1322	BRIDGE 0011 S.N. 016-1323	BRIDGE 0011 S.N. 016-2573	MINOR STRUCTURES 0040 S.N. 016-Z014	SAFETY 0021 URBAN
55100900	STORM SEWER REMOVAL 18"	FOOT	100	100						
55101100	STORM SEWER REMOVAL 21"	FOOT	18	18						
56200900	WATER SERVICE LINE 2 1/2"	FOOT	120	120	~~120~~					
58100200	WATERPROOFING MEMBRANE SYSTEM	SQ YD	1770					1770		
58700300	CONCRETE SEALER	SQ FT	8347			2020	1030	2279	3018	
59000200	EPOXY CRACK INJECTION	FOOT	10					10		
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	427					310	117	
59300100	CONTROLLED LOW-STRENGTH MATERIAL	CU YD	13.3					13.3		
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	3	3						
60100945	PIPE DRAINS 12"	FOOT	42	42						
60107600	PIPE UNDERDRAINS 4"	FOOT	2496	2496						
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	84	84						
60200105	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1						
60200205	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	1	1						
60200305	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 3 FRAME AND GRATE	EACH	1	1						
60200805	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 8 GRATE	EACH	6	6						
60201005	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 10 FRAME AND GRATE	EACH	1	1						

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• - DENOTES SPECIALTY ITEM
⊡ - DENOTES 100% CITY OF CHICAGO
△ - DENOTES NON-PARTICIPATING ITEM

FILE NAME = L:\7828 - I94 at Ohio Street\CADD\CADD SHEETS\D1063763-500.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
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PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	9
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

URBAN
90% FED.
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE ROADWAY 0004 S.N.	~~LANDSCAPING~~ ~~0031~~ URBAN	BRIDGE 0011 S.N. 016-1322	BRIDGE 0011 S.N. 016-1323	BRIDGE 0011 S.N. 016-2573	MINOR STRUCTURES 0040 S.N. 016-Z014	SAFETY 0021 URBAN
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	8	8						
60202215	CATCH BASINS, TYPE A, 4'-DIAMETER, WITH MEDIAN INLET (604101)	EACH	2	2						
60203805	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, OPEN LID	EACH	1	1						
60204505	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 8 GRATE	EACH	1	1						
60205040	CATCH BASINS, TYPE A, 5'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	1	1						
60218400	MANHOLES, TYPE A, 4'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	3	3						
60235700	INLETS, TYPE A, TYPE 3 FRAME AND GRATE	EACH	3	3						
60236200	INLETS, TYPE A, TYPE 8 GRATE	EACH	4	4						
60237470	INLETS, TYPE A, TYPE 24 FRAME AND GRATE	EACH	4	4						
60250200	CATCH BASINS TO BE ADJUSTED	EACH	10	10						
60250500	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EACH	1	1						
60251740	CATCH BASINS TO BE ADJUSTED WITH NEW TYPE 24 FRAME AND GRATE	EACH	2	2						
60253800	CATCH BASINS TO BE RECONSTRUCTED WITH NEW TYPE 8 GRATE	EACH	2	2						
60255410	CATCH BASINS TO BE CLEANED	EACH	1	1						
60255500	MANHOLES TO BE ADJUSTED	EACH	3	3						
60500040	REMOVING MANHOLES	EACH	9	9						
60500050	REMOVING CATCH BASINS	EACH	9	9						

△ 1X

• - DENOTES SPECIALTY ITEM
(CC) - DENOTES 100% CITY OF CHICAGO
△ - DENOTES NON-PARTICIPATING ITEM

FILE NAME = I:\7800 - I-94 at Ohio Street\CADD\CADD SHEETS\016SF63-SOD.dgn

COLLINS ENGINEERS INC

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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	10
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

URBAN
90% FED.
10% STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE ROADWAY 0004 S.N.	~~LANDSCAPING~~ ~~0031~~ ~~URBAN~~	BRIDGE 0011 S.N. 016-1322	BRIDGE 0011 S.N. 016-1323	BRIDGE 0011 S.N. 016-2573	MINOR STRUCTURES 0040 S.N. 016-Z014	SAFETY 0021 URBAN
60500105	FILLING MANHOLES	EACH	4	4						
60500205	FILLING CATCH BASINS	EACH	4	4						
60500305	FILLING INLETS	EACH	1	1						
60600095	CLASS SI CONCRETE (OUTLET)	CU YD	17	17						
60600605	CONCRETE CURB, TYPE B	FOOT	100	100						
60618320	CONCRETE MEDIAN SURFACE, 6 INCH	SQ FT	465	465						
60900315	TYPE D INLET BOX, STANDARD 609006	EACH	1	1						
60900515	CONCRETE THRUST BLOCKS	EACH	1	1						
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	2						
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	2	2						
63500105	DELINEATORS	EACH	44	44						
63700275	CONCRETE BARRIER, DOUBLE FACE, 42 INCH HEIGHT	FOOT	475	475						
63700805	CONCRETE BARRIER TRANSITION	FOOT	30	30						
63700900	CONCRETE BARRIER BASE	FOOT	3101	3101						
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	950	950						
64300450	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	1	1						
67100100	MOBILIZATION	L SUM	1	1						

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* - DENOTES SPECIALTY ITEM
[CD] - DENOTES 100% CITY OF CHICAGO
△ - DENOTES NON-PARTICIPATING ITEM

URBAN
90% FED.
10% STATE

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE ROADWAY 0004 S.N.	~~LANDSCAPING~~ ~~0031~~ ~~URBAN~~	BRIDGE 0011 S.N. 016-1322	BRIDGE 0011 S.N. 016-1323	BRIDGE 0011 S.N. 016-2573	MINOR STRUCTURES 0040 S.N. 016-Z014	SAFETY 0021 URBAN
	70106800	CHANGEABLE MESSAGE SIGN	CAL MO	18	18						
	70200100	NIGHTTIME WORK ZONE LIGHTING	L SUM	1	1						
	70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	12492	12492						
	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	14065	14065						
	70400100	TEMPORARY CONCRETE BARRIER	FOOT	6246	6246						
	70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2127	2127						
	70600240	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 2	EACH	3	3						
	70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	9	9						
	70600255	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	1	1						
	70600260	IMPACT ATTENUATORS, TEMPORARY (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	2	2						
	70600322	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 2	EACH	2	2						
	70600332	IMPACT ATTENUATORS, RELOCATE (FULLY REDIRECTIVE, NARROW), TEST LEVEL 3	EACH	10	10						
	70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	3	3						
*	72000100	SIGN PANEL - TYPE 1	SQ FT	7	7						
*	72000200	SIGN PANEL - TYPE 2	SQ FT	165	165						
*	72000300	SIGN PANEL - TYPE 3	SQ FT	93	93						
*	72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	1	1						
△											

* - DENOTES SPECIALTY ITEM
(CC) - DENOTES 100% CITY OF CHICAGO
△ - DENOTES NON-PARTICIPATING ITEM

FILE NAME = 1:\7808 - 194 at Ohio Streets\CADD\CADD SHEETS\018SF63-500.dgn

COLLINS ENGINEERS INC

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PLOT DATE = 3/25/2013	CHECKED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	12
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

URBAN
90% FED.
10% STATE

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	LANDSCAPING	BRIDGE	BRIDGE	BRIDGE	MINOR STRUCTURES	SAFETY
					ROADWAY 0004 S.N.	~~0031 URBAN~~	0011 S.N. 016-1322	0011 S.N. 016-1323	0011 S.N. 016-2573	0040 S.N. 016-Z014	0021 URBAN
*	72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	10	10						
*	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	7	7						
*	72400320	REMOVE SIGN PANEL - TYPE 2	SQ FT	165	165						
*	72400330	REMOVE SIGN PANEL - TYPE 3	SQ FT	93	93						
*	72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	8	8						
*	73000100	WOOD SIGN SUPPORT	FOOT	114	114						
*	73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	1	1						
*	73302110	OVERHEAD SIGN STRUCTURE - CANTILEVER, TYPE I-C-A (24" X 4'-6")	FOOT	22	22						
*	73600200	REMOVE OVERHEAD SIGN STRUCTURE - CANTILEVER	EACH	1	1						
*	73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	1							1
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	132	132						
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	200	200						
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	300	300						
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	150	150						
*	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	50	50						
*	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	150	150						
*	78008200	POLYUREA PAVEMENT MARKING TYPE I - LETERS AND SYMBOLS	SQ FT	110	110						

• - DENOTES SPECIALTY ITEM
▭ - DENOTES 100% CITY OF CHICAGO
△ - DENOTES NON-PARTICIPATING ITEM

FILE NAME = I:\2013 - 194 at Ohio Streets\CADD\CADD SHEETS\D1605763-SQ01.dgn

COLLINS ENGINEERS INC

USER NAME = rgoll	DESIGNED -	REVISED -
PLOT SCALE = 2.0000 ' / in.	DRAWN -	REVISED -
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	13
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

URBAN
90% FED.
10% STATE

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE						
					ROADWAY 0004 S.N.	~~LANDSCAPING 0031 URBAN~~	BRIDGE 0011 S.N. 016-1322	BRIDGE 0011 S.N. 016-1323	BRIDGE 0011 S.N. 016-2573	MINOR STRUCTURES 0040 S.N. 016-Z014	SAFETY 0021 URBAN
*	78008210	POLYUREA PAVEMENT MARKING TYPE I - LINE 4"	FOOT	8956	8956						
*	78008220	POLYUREA PAVEMENT MARKING TYPE I - LINE 5"	FOOT	2598	2598						
*	78008240	POLYUREA PAVEMENT MARKING TYPE I - LINE 8"	FOOT	1027	1027						
*	78008250	POLYUREA PAVEMENT MARKING TYPE I - LINE 12"	FOOT	493	493						
*	78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	12	12						
*	78100300	REPLACEMENT REFLECTOR	EACH	300	300						
*	78200410	GUARDRAIL MARKERS, TYPE A	EACH	8	8						
*	78200530	BARRIER WALL MARKERS, TYPE C	EACH	889	889						
*	78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	2	2						
*	78300100	PAVEMENT MARKING REMOVAL	SQ FT	8956	8956						
*	78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	12	12						
*	80400100	ELECTRIC SERVICE INSTALLATION	EACH	1							1
*	80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1							1
*	81028170	UNDERGROUND CONDUIT, GALVANIZED STEEL, 1" DIA.	FOOT	210							210
*	81028200	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2" DIA.	FOOT	360							360
*	81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	160							160
~~*~~	~~81028390~~	~~UNDERGROUND CONDUIT, PVC, 4" DIA.~~	~~FOOT~~	~~360~~							~~360~~
*	81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	800							800

* - DENOTES SPECIALTY ITEM
(CC) - DENOTES 100% CITY OF CHICAGO
(1) - DENOTES NON-PARTICIPATING ITEM

Rev.

FILE NAME = I:\2603 - 194 at Ohio Street\LCADD\CADD SHEETS\016SF03-SQQ.dgn

COLLINS ENGINEERS

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	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	14
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

URBAN
90% FED.
10% STATE

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE						
					ROADWAY	~~LANDSCAPING~~	BRIDGE	BRIDGE	BRIDGE	MINOR STRUCTURES	SAFETY
					0004	~~0031~~	0011	0011	0011	0040	0021
					S.N.	~~URBAN~~	S.N. 016-1322	S.N. 016-1323	S.N. 016-2573	S.N. 016-Z014	URBAN
~~*~~	~~81028750~~	~~UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.~~	~~FOOT~~	~~700~~							~~700~~
*	81100510	CONDUIT ATTACHED TO STRUCTURE, 1 1/2" DIA., PVC COATED GALVANIZED STEEL	FOOT	320							320
*	81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	750							750
*	81300310	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 8" X 6" X 4"	EACH	8							8
*	81300520	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 8" X 6"	EACH	56							56
*	81300830	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 18" X 8"	EACH	3							3
*	81400200	HEAVY-DUTY HANDHOLE	EACH	1							1
*	81603080	UNIT DUCT, 600V, 3-1C NO.2, 1/C NO.4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	2000							2000
*	81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	5000							5000
*	81702120	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 8	FOOT	3200							3200
*	81702140	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 4	FOOT	8580							8580
*	81702180	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 3/0	FOOT	350							350
*	81800320	AERIAL CABLE, 3-1/C NO. 4 WITH MESSENGER WIRE	FOOT	110							110
*	81800340	AERIAL CABLE, 3-1/C NO. 8 WITH MESSENGER WIRE	FOOT	530							530
*	82102400	LUMINAIRE, SODIUM VAPOR, HORIZONTAL MOUNT, 400 WATT	EACH	2							2
*	82107100	UNDERPASS LUMINAIRE, 70 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	8							8
*	82107700	UNDERPASS LUMINAIRE, 400 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	100							100

* - DENOTES SPECIALTY ITEM
Ⓒ - DENOTES 100% CITY OF CHICAGO
△ - DENOTES NON-PARTICIPATING ITEM

FILE NAME = J:\7820 - I94 at Ohio Street\CADD\CADD SHEETS\0160F63-S00.dgn

COLLINS ENGINEERS

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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.L. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	15
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

URBAN
90% FED. - 10% STATE

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE ROADWAY 0004 S.N.	LANDSCAPING ~~0031~~ URBAN	BRIDGE 0011 S.N. 016-1322	BRIDGE 0011 S.N. 016-1323	BRIDGE 0011 S.N. 016-2573	MINOR STRUCTURES 0040 S.N. 016-Z014	SAFETY 0021 URBAN
*	83057340	LIGHT POLE, WOOD, 60 FOOT, CLASS 3	EACH	2							2
*	83057355	LIGHT POLE, WOOD, 60 FOOT, CLASS 4, WITH 15FT MAST ARM	EACH	2							2
*	84500110	REMOVAL OF LIGHTING CONTROLLER	EACH	1							1
*	84500120	REMOVAL OF ELECTRIC SERVICE INSTALLATION	EACH	1							1
*	84500130	REMOVAL OF LIGHTING CONTROLLER FOUNDATION	EACH	1							1
*	87000885	ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (XLP-TYPE TC) 2/C NO. 6 AND NO. 8	FOOT	800							800
*	87301727	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 19 6C	FOOT	800							800
*	87800200	CONCRETE FOUNDATION, TYPE D	FOOT	4							4
*	A2000220	TREE, ACER X FREEMANII MARMO (MARMO FREEMAN MAPLE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	5	5	~~5~~					
*	A2002009	TREE, AESCULUS FLAVEA (YELLOW SWEET BUCKEYE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	16	16	~~16~~					
*	A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	16	16	~~16~~					
*	A2005015	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 8' HEIGHT, MULTI-STEM FORM, BALLED AND BURLAPPED	EACH	5	5	~~5~~					
*	A2006520	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3	~~3~~					
*	A2006570	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 8' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	8	8	~~8~~					
*	A2064012	TREE, QUERCUS ALBA X ROBUR CRIMSCHMIDT (CRIMSON SPIRE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	3	3	~~3~~					
*	C20058G5	SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 5-GALLON	EACH	25	25	~~25~~					
*	C2011036	SHRUB, SYRINGA PATULA MISS KIM (MISS KIM MANCHURIAN LILAC), 3' HEIGHT, BALLED AND BURLAPPED	EACH	25	25	~~25~~					

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• - DENOTES SPECIALTY ITEM
▭ - DENOTES 100% CITY OF CHICAGO
△ - DENOTES NON-PARTICIPATING ITEM

Rev.

FILE NAME = N:\2008 - 194 at Ohio Streets\CADD\CADD SHEETS\0188F63-SQO.dgn

COLLINS ENGINEERS INC

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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	16
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

URBAN
90% FED.
10% STATE

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	LANDSCAPING	BRIDGE	BRIDGE	BRIDGE	MINOR STRUCTURES	SAFETY
					ROADWAY 0004	0031	0011	0011	0011	0040	0021
					S.N.	URBAN	S.N. 016-1322	S.N. 016-1323	S.N. 016-2573	S.N. 016-Z014	URBAN
*	C3005924	SHRUB, RHUS GLABRA (SMOOTH SUMAC), 2' HEIGHT, BARE ROOT	EACH	350	350	350					
*	C3006024	SHRUB, RHUS TYPHINA (STAGHORN SUMAC), 2' HEIGHT, BARE ROOT	EACH	200	200	200					
*	D2002484	EVERGREEN, PINUS FLEXILIS VANDERWOLF'S PYRAMID (VANDERWOLF'S PYRAMID LIMBER PINE), 7' HEIGHT, BALLED AND BURLAPPED	EACH	13	13	13					
*	E20210G1	VINE-PARTHENOCISSUS QUINQUEFOLIA ENGEL MANNII (ENGELMANNII VIRGINIA CREEPER), 1-GALLON POT	EACH	240	240	240					
*	K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	15.16	15.16	15.16					
*	K0026850	PERENNIAL PLANT CARE	SQ YD	7730	7730	7730					
*	K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	500	500	500					
*	K0036120	MULCH PLACEMENT 4"	SQ YD	100	100	100					
*	K1001987	IRRIGATION SYSTEM	SQ YD	1420	1420	1420					
*	X0322247	MAINTENANCE OF EXISTING TRAFFIC SURVEILLANCE	L SUM	1							1
*	X0322441	DIGITAL LOOP DETECTOR SENSOR UNIT (4 CHANNEL)	EACH	2							2
*	X0322442	TONE EQUIPMENT - 3 FREQUENCY RECEIVER PROGRAMMABLE	EACH	8							8
*	X0322443	TONE EQUIPMENT - 3 FREQUENCY TRANSMITTER PROGRAMMABLE	EACH	8							8
*	X0322444	TONE EQUIPMENT - POWER SUPPLY	EACH	2							2
*	X0322445	TONE EQUIPMENT - MOUNTING FRAME	EACH	1							1
*	X0322446	CABINET HOUSING EQUIPMENT, TYPE III	EACH	1							1
	X0323149	TEMPORARY MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	5841			1464	4377			

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• - DENOTES SPECIALTY ITEM
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△ - DENOTES NON-PARTICIPATING ITEM

Rev.

FILE NAME = I:\7838 - I94 at Ohio Streets\CADD\CADD SHEETS\D16F63-S00.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	17
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

URBAN
90% FED.
10% STATE

		CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE						
						ROADWAY	LANDSCAPING	BRIDGE	BRIDGE	BRIDGE	MINOR STRUCTURES	SAFETY
						0004	0031	0011	0011	0011	0040	0021
						S.N.	URBAN	S.N. 016-1322	S.N. 016-1323	S.N. 016-2573	S.N. 016-Z014	URBAN
		X0324455	DRILLING AND SETTING SOLDIER PILES (IN SOIL)	CU FT	28183						28183	
▭	*	X0325106	IRRIGATION SYSTEM FALL SHUT-DOWN	EACH	3	3	3					
▭	*	X0325107	IRRIGATION SYSTEM SPRING START-UP	EACH	3	3	3					
		X0327139	AGGREGATE COLUMN GROUND IMPROVEMENT	L SUM	1			0.23	0.77			
		X2130010	EXPLORATION TRENCH, SPECIAL	FOOT	100	100						
△1		X2503000	MAINTENANCE MOWING	ACRE	2.5	2.5						
		X5010205	REMOVAL OF EXISTING STRUCTURE, SPECIAL	EACH	1			1				
		X5030306	CONCRETE WEARING SURFACE, 6"	SQ YD	1620					1620		
		X5210100	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 150K	EACH	7				7			
		X5210110	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 200K	EACH	7				7			
		X5210120	HIGH LOAD MULTI-ROTATIONAL BEARINGS, GUIDED EXPANSION, 250K	EACH	14			14				
		X5210305	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 150K	EACH	7			7				
		X5210330	HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 400K	EACH	7			7				
△		X5537700	STORM SEWERS TO BE CLEANED 10"	FOOT	93	93						
△		X5537800	STORM SEWERS TO BE CLEANED 12"	FOOT	304	304						
△		X5538000	STORM SEWERS TO BE CLEANED 18"	FOOT	40	40						
△		X5538400	STORM SEWERS TO BE CLEANED 30"	FOOT	343	343						

• - DENOTES SPECIALTY ITEM
▭ - DENOTES 100% CITY OF CHICAGO
△ - DENOTES NON-PARTICIPATING ITEM

Rev.

FILE NAME = I:\7288...194 at Ohio Street\CHDOT\400 SHEETS\01SMF03-500.dgn

COLLINS ENGINEERS

USER NAME = rgall	DESIGNED -	REVISED -	
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	18
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

URBAN
90% FED.
10% STATE

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE						
					ROADWAY	~~LANDSCAPING~~	BRIDGE	BRIDGE	BRIDGE	MINOR STRUCTURES	SAFETY
					0004	~~0081~~	0011	0011	0011	0040	0021
					S.N.	~~URBAN~~	S.N. 016-1322	S.N. 016-1323	S.N. 016-2573	S.N. 016-Z014	URBAN
	X5860110	GRANULAR BACKFILL FOR STRUCTURES	CU YD	410.7					410.7		
	X6020073	INLETS, TYPE A, TYPE 8 GRATE, TEMPORARY	EACH	2	2						
	X6370279	CONCRETE BARRIER, SINGLE FACE, 42 INCH HEIGHT (SPECIAL)	FOOT	2626	2626						
	X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	15	15						
	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1						
	X7010420	MOVABLE TRAFFIC BARRIER	FOOT	421	421						
	X7010442	TEMPORARY WATER FILLED BARRIER	FOOT	100	100						
	X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	1						
	X7013820	TRAFFIC CONTROL SURVEILLANCE, EXPRESSWAYS	CAL DA	9	9						
	X7030030	WET REFLECTIVE TEMPORARY TAPE TYPE III, 4 INCH	FOOT	35401	35401						
	X7030035	WET REFLECTIVE TEMPORARY TAPE TYPE III, 5 INCH	FOOT	3329	3329						
	X7030045	WET REFLECTIVE TEMPORARY TAPE TYPE III, 8 INCH	FOOT	750	750						
	X7030050	WET REFLECTIVE TEMPORARY TAPE TYPE III, 12 INCH	FOOT	100	100						
*	X7360510	REMOVE OVERHEAD SIGN STRUCTURE - LIGHTING EQUIPMENT	LSUM	1	1						
*	X8040310	ELECTRICAL SERVICE DISCONNECT	EACH	1							1
*	X8850102	INDUCTION LOOP	FOOT	45							45
* 17	Z0007118	UNTREATED TIMBER LAGGING	SQ FT	2743						2743	

* - DENOTES SPECIALTY ITEM
- DENOTES 100% CITY OF CHICAGO
△ - DENOTES NON-PARTICIPATING ITEM

FILE NAME = i:\17003 - 194 at Ohio Street\CADD\CADD SHEETS\016SF63-S00.dgn

COLLINS ENGINEERS

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	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	19
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

URBAN
90%-FED.
10%-STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE ROADWAY 0004 S.N.	~~LANDSCAPING~~ ~~0081~~ ~~URBAN~~	BRIDGE 0011 S.N. 016-1322	BRIDGE 0011 S.N. 016-1323	BRIDGE 0011 S.N. 016-2573	MINOR STRUCTURES 0040 S.N. 016-Z014	SAFETY 0021 URBAN
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SQ FT	110					110		
Z0013797	STABILIZED CONSTRUCTION ENTRANCE	SQ YD	200	200						
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1						
Z0018004	DRAINAGE SCUPPERS, DS-12	EACH	2			1	1			
Z0018800	DRAINAGE SYSTEM	L SUM	1			0.5	0.5			
Z0022800	FENCE REMOVAL	FOOT	94	94						
Z0026404	FURNISHING SOLDIER PILES (W SECTION)	FOOT	3992						3992	
Z0028462	GEOTEXTILE RETAINING WALL	SQ FT	190					190		
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	25.7	25.7						
Z0033028	MAINTENANCE OF LIGHTING SYSTEM	CAL MO	14							14
Z0034210	MECHANICALLY STABILIZED EARTH RETAINING WALL	SQ FT	12826			2930	9896			
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	518					150	368	
Z0046306	PIPE UNDERDRAINS FOR STRUCTURES 6"	FOOT	308					308		
Z0062456	TEMPORARY PAVEMENT	SQ YD	3628	3628						
Z0064600	SELECTIVE CLEARING	ACRE	0.5	0.5						
Z0073002	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	2410					2410		
~~Z0076600~~	~~TRAINEES~~	~~HOUR~~								

10

* - DENOTES SPECIALTY ITEM
▭ - DENOTES 100% CITY OF CHICAGO
△ - DENOTES NON-PARTICIPATING ITEM

FILE NAME = I:\7000 - I94 at Ohio Street\C400\C400_SHEETS\D15F63-SCD.dgn

COLLINS ENGINEERS

USER NAME = rgoll	DESIGNED -	REVISED -
PLOT SCALE = 2.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	20
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

URBAN
90% FED.
10% STATE

	CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE	LANDSCAPING	BRIDGE	BRIDGE	BRIDGE	MINOR STRUCTURES	SAFETY
					ROADWAY 0004 S.N.	~~0081~~ URBAN	0011 S.N. 016-1322	0011 S.N. 016-1323	0011 S.N. 016-2573	0040 S.N. 016-Z014	0021 URBAN
	XX004604	PROTECTIVE CONCRETE SLAB	SQ YD	956					956		
	X0327598	LOCATE TUNNEL	L SUM	1	1						
	X0327599	BULKHEAD TUNNEL	LSUM	1	1						
*	X8250505	LIGHTING CONTROLLER, SPECIAL	EACH	1							1
*	X8420111	REMOVAL OF UNDERPASS LIGHTING UNIT, NO SALVAGE	EACH	56							56
*	X8108235	REMOVAL OF UNDERGROUND CABLE	FOOT	4200							4200
⊙	Z0076600	TRAINEES	HOUR	1000	1000						
⊙	Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1000	1000						

⊙ 0042

• - DENOTES SPECIALTY ITEM
▭ - DENOTES 100% CITY OF CHICAGO
△ - DENOTES NON-PARTICIPATING ITEM

FILE NAME = J:\17888 - 194 at Ohio Street\CADD\CAD\SHEETS\01SOFQ3-S00.dgn

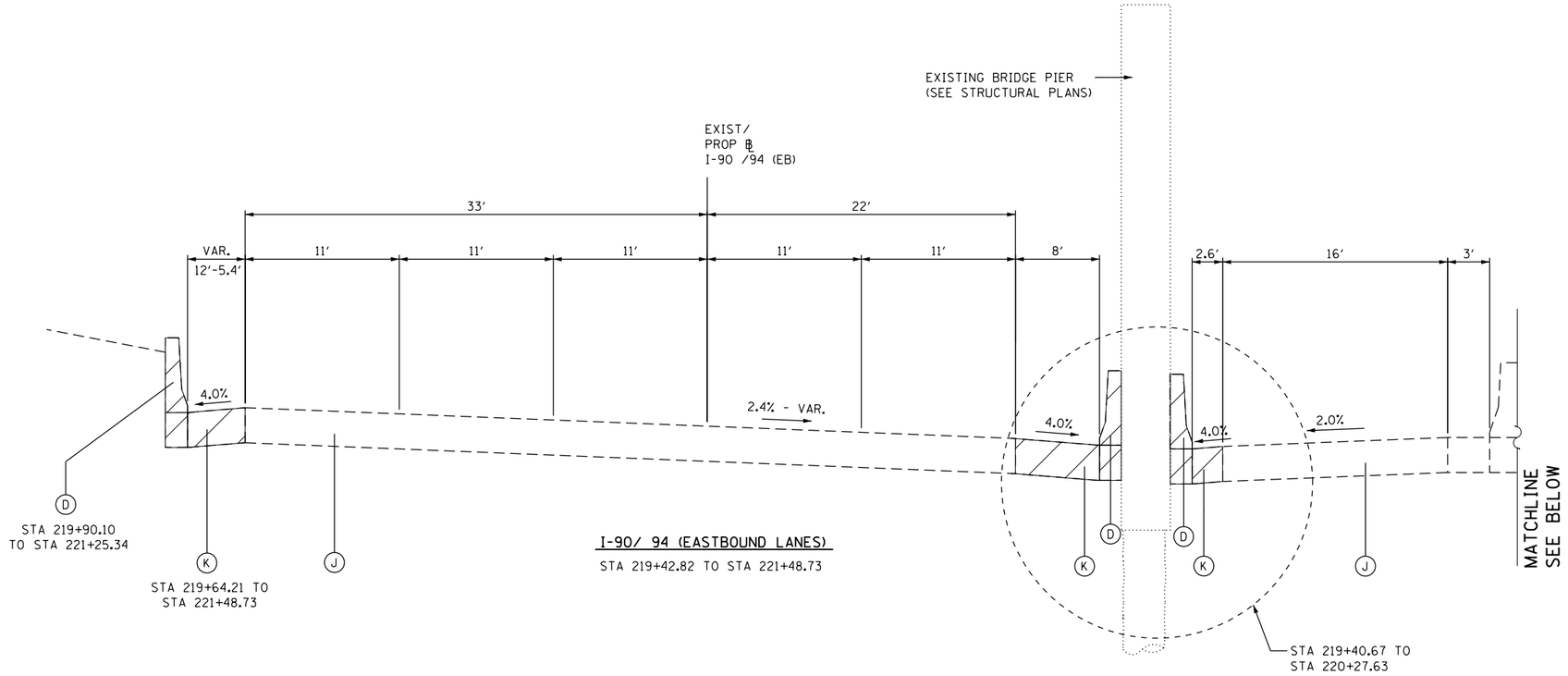
COLLINS ENGINEERS INC	USER NAME = rgall	DESIGNED -	REVISED -
	PLOT SCALE = 2.0000 ' / in.	DRAWN -	REVISED -
	PLOT DATE = 3/25/2013	CHECKED -	REVISED -
		DATE -	REVISED -

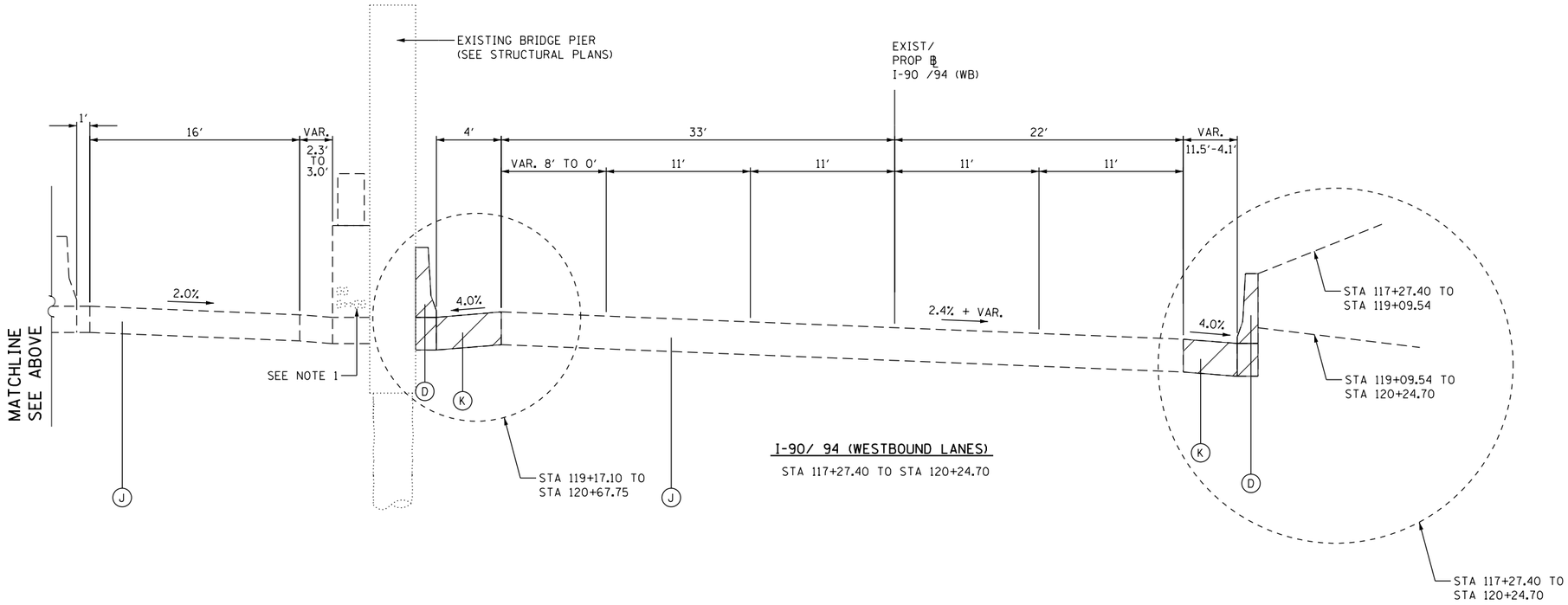
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SUMMARY OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	21
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		





EXISTING LEGEND:

- (A) PCC PAVEMENT, 10" & VAR.
- (B) PCC SHOULDER, 10" & VAR.
- (C) NOT USED
- (D) CONCRETE BARRIER AND BASE
- (E) RETAINING WALL (CAST IN PLACE)
- (F) PROTECTIVE PCC SLAB, 5"
- (G) TOPSOIL, 6"
- (H) KNEE WALL AND FENCE
- (I) CURB AND GUTTER
- (J) CRC PAVEMENT, 12" & VAR.
- (K) PCC SHOULDER, 12" & VAR.
- (L) HMA SHOULDER, 8" & VAR.
- (M) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

REMOVAL ITEMS

NOTES:

1. CONTRACTOR SHALL EXERCISE EXTREME CARE NOT TO IMPACT EXISTING REVLAC CONDUITS DURING EXCAVATION OPERATIONS.
2. EXISTING TOPSOIL SHALL BE STRIPPED FROM WITHIN PROPOSED CONSTRUCTION LIMITS. THE QUANTITY WAS BASED ON AN ASSUMED DEPTH OF 6".

FILE NAME = \\collinsengr.com\1\data-1\Poseidon\DOCS\7000 - 194 at Ohio Street\CADD\CADD SHEETS\D160F63-sht-typ2.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

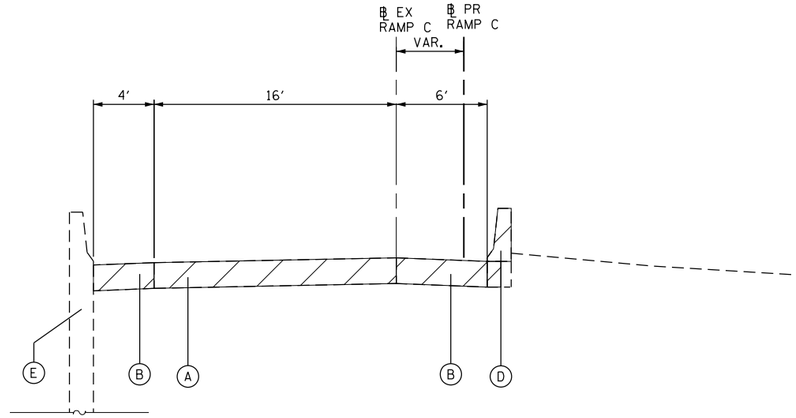
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 (KENNEDY EXPRESSWAY)
EXISTING TYPICAL SECTIONS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	22
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

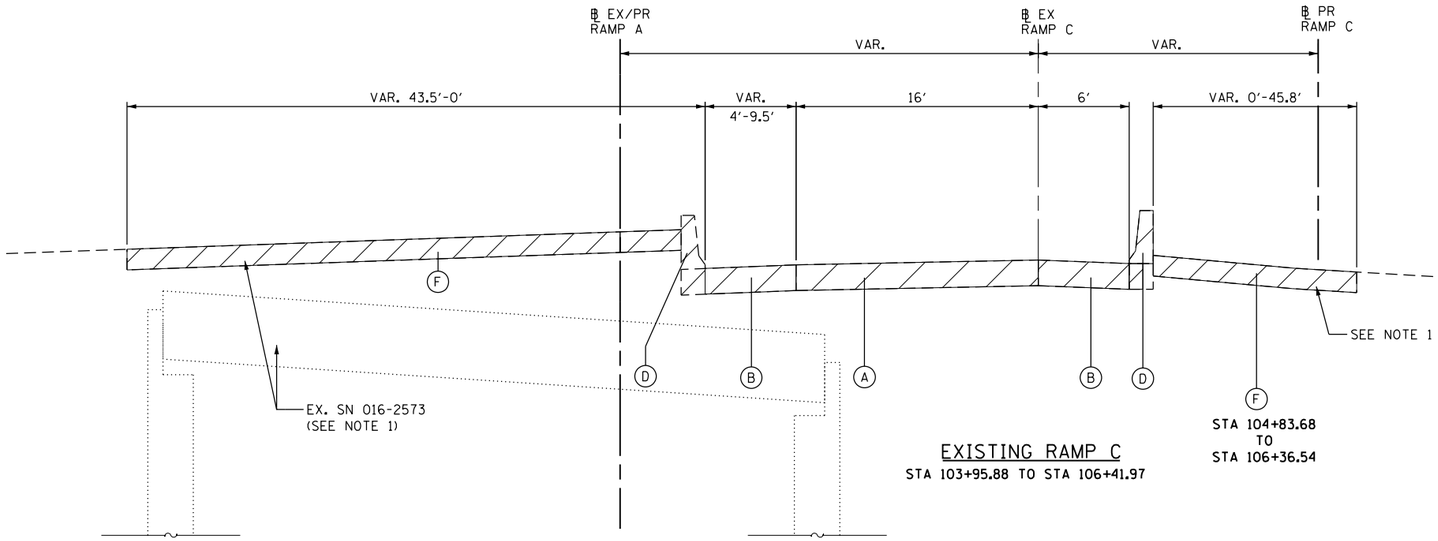


EXISTING RAMP C
STA 103+00 TO STA 103+95.88

EXISTING LEGEND:

- (A) PCC PAVEMENT, 10" & VAR.
- (B) PCC SHOULDER, 10" & VAR.
- (C) NOT USED
- (D) CONCRETE BARRIER AND BASE
- (E) RETAINING WALL (CAST IN PLACE)
- (F) PROTECTIVE PCC SLAB, 5"
- (G) TOPSOIL, 6"
- (H) KNEE WALL AND FENCE
- (I) CURB AND GUTTER
- (J) CRC PAVEMENT, 12" & VAR.
- (K) PCC SHOULDER, 12" & VAR.
- (L) HMA SHOULDER, 8" & VAR.
- (M) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

REMOVAL ITEMS



EXISTING RAMP C
STA 103+95.88 TO STA 106+41.97

STA 104+83.68
TO
STA 106+36.54

NOTES:

1. SEE STRUCTURE SN 016-2573 PLANS FOR DETAILS
2. EXISTING TOPSOIL SHALL BE STRIPPED FROM WITHIN PROPOSED CONSTRUCTION LIMITS. THE QUANTITY WAS BASED ON AN ASSUMED DEPTH OF 6".

FILE NAME = \\collinsengr.com\ul\data-ul\Poseidon\DOCS\70000 - 194 at Ohio Street\CADD\CADD SHEETS\D160F63-sht-typ2.dgn

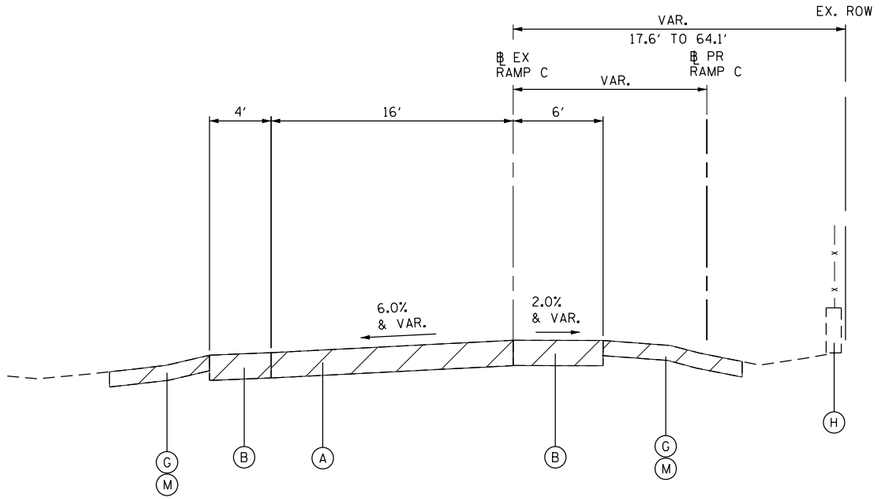
COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

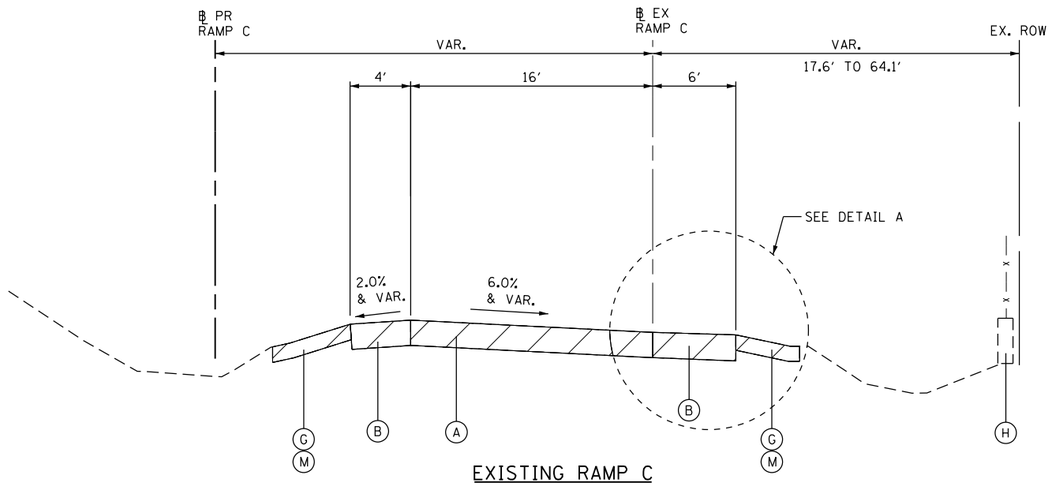
RAMP C
EXISTING TYPICAL SECTIONS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	23
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



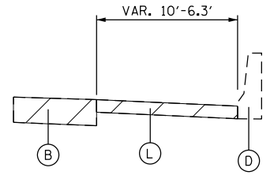
EXISTING RAMP C

STA 116+88.44 TO STA 120+66.19



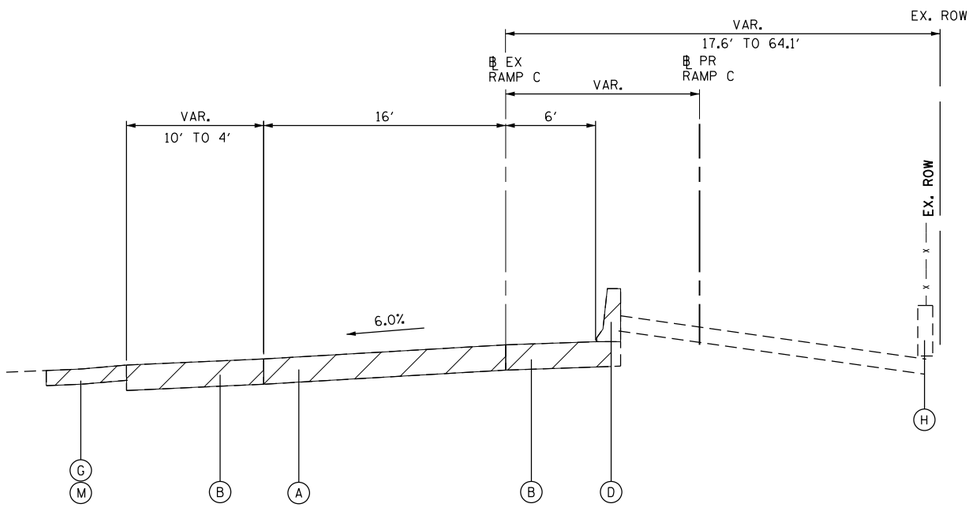
EXISTING RAMP C

STA 120+66.19 TO STA 125+62.62



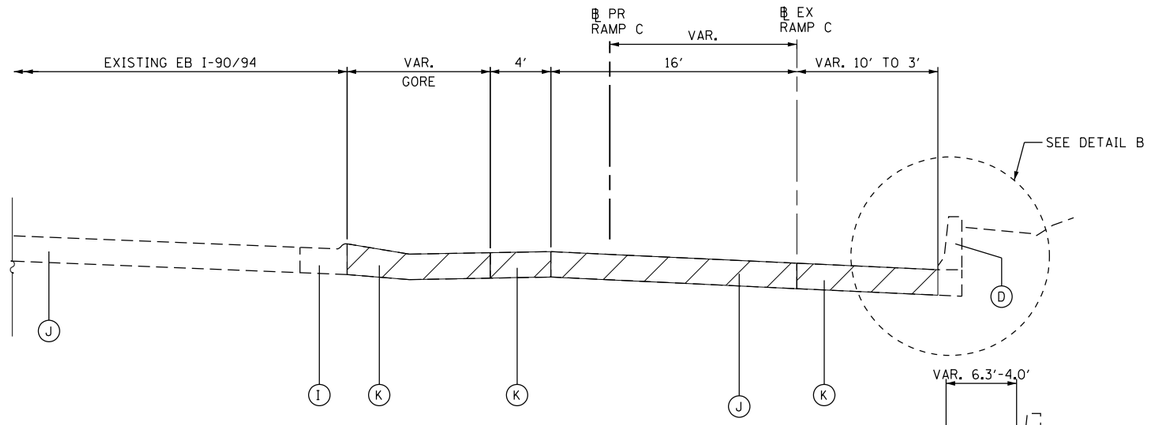
DETAIL A

STA 125+25.38 TO STA 125+62.62



EXISTING RAMP C

STA 113+17.15 TO STA 116+88.44



EXISTING RAMP C

STA 125+62.62 TO STA 127+90.44

STA 125+62.62 TO STA 125+88.39

DETAIL B

EXISTING LEGEND:

- (A) PCC PAVEMENT, 10" & VAR.
- (B) PCC SHOULDER, 10" & VAR.
- (C) NOT USED
- (D) CONCRETE BARRIER AND BASE
- (E) RETAINING WALL (CAST IN PLACE)
- (F) PROTECTIVE PCC SLAB, 5"
- (G) TOPSOIL, 6"
- (H) KNEE WALL AND FENCE
- (I) CURB AND GUTTER
- (J) CRC PAVEMENT, 12" & VAR.
- (K) PCC SHOULDER, 12" & VAR.
- (L) HMA SHOULDER, 8" & VAR.
- (M) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

REMOVAL ITEMS

NOTES:

1. EXISTING TOPSOIL SHALL BE STRIPPED FROM WITHIN PROPOSED CONSTRUCTION LIMITS. THE QUANTITY WAS BASED ON AN ASSUMED DEPTH OF 6".

FILE NAME = \\collinsengr.com\1\data-1\Poseidon\DOCS\7000 - I94 at Ohio Street\CADD\CADD SHEETS\0160F63-sht-typ2.dgn

COLLINS ENGINEERS INC

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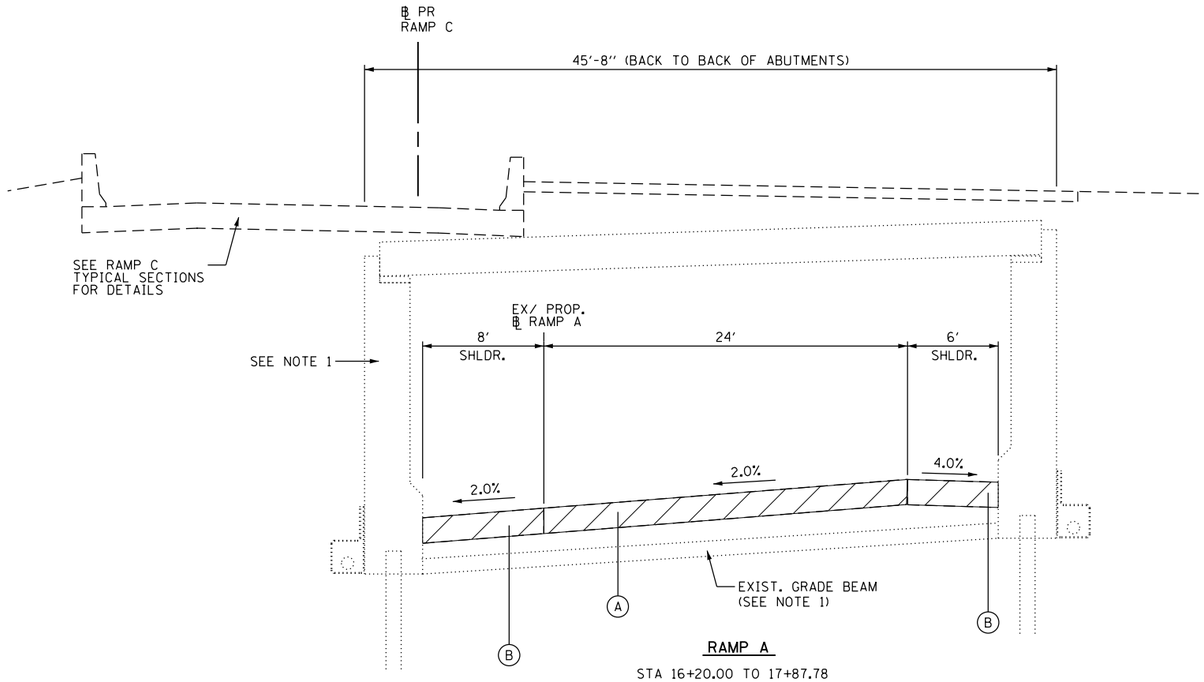
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

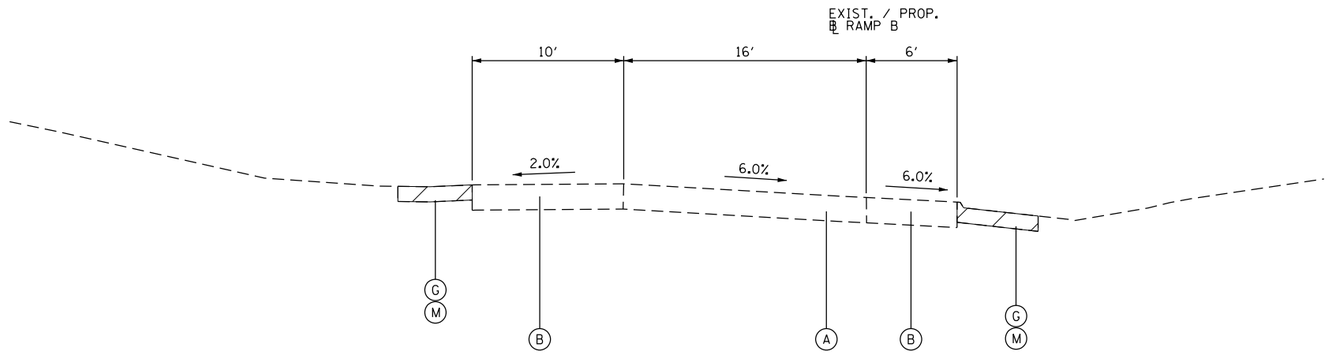
RAMP C
EXISTING TYPICAL SECTIONS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	24
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



RAMP A

STA 16+20.00 TO 17+87.78



RAMP B

STA 10+82.35 TO STA 14+25.87

NOTES:

1. SEE STRUCTURE SN 016-2573 PLANS FOR DETAILS
2. EXISTING TOPSOIL SHALL BE STRIPPED FROM WITHIN PROPOSED CONSTRUCTION LIMITS. THE QUANTITY WAS BASED ON AN ASSUMED DEPTH OF 6".

FILE NAME = \\collinsengr.com\il\data-il\Poseidon\DOCS\70000 - 194 at Ohio Street\CADD\C4DD SHEETS\D160F63-sht-typ2.dgn

COLLINS ENGINEERS INC

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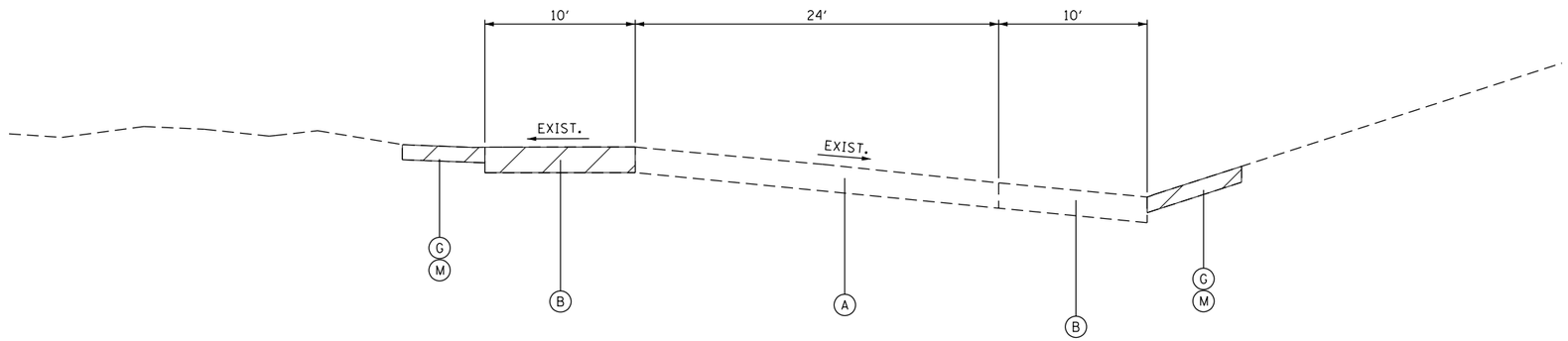
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP A AND RAMP B
EXISTING TYPICAL SECTIONS

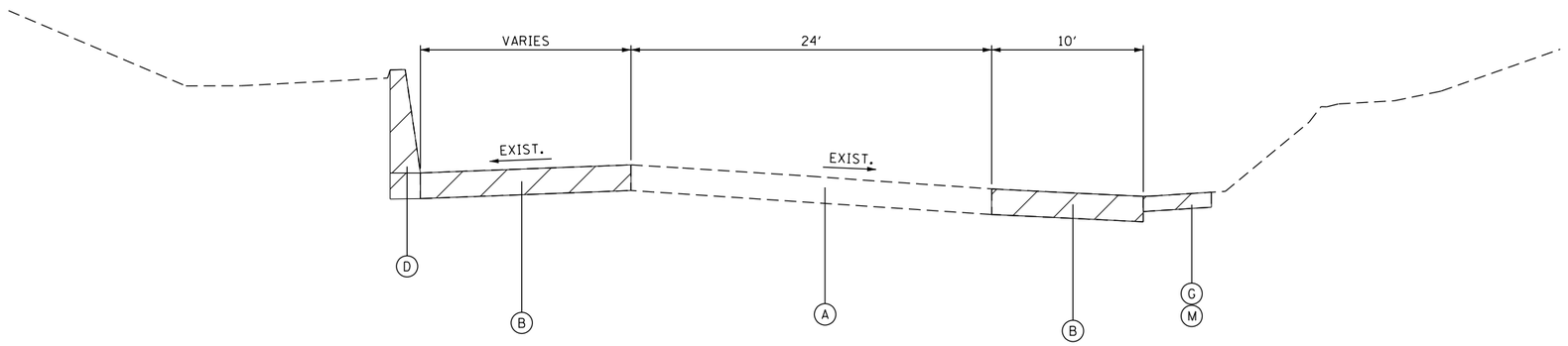
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	25
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



RAMP D

STA 8+21.39 TO STA 9+18.08



RAMP D

STA 9+18.08 TO STA 11+06.71

EXISTING LEGEND:

- (A) PCC PAVEMENT, 10" & VAR.
- (B) PCC SHOULDER, 10" & VAR.
- (C) NOT USED
- (D) CONCRETE BARRIER AND BASE
- (E) RETAINING WALL (CAST IN PLACE)
- (F) PROTECTIVE PCC SLAB, 5"
- (G) TOPSOIL, 6"
- (H) KNEE WALL AND FENCE
- (I) CURB AND GUTTER
- (J) CRC PAVEMENT, 12" & VAR.
- (K) PCC SHOULDER, 12" & VAR.
- (L) HMA SHOULDER, 8" & VAR.
- (M) REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL

REMOVAL ITEMS

NOTES:

1. EXISTING TOPSOIL SHALL BE STRIPPED FROM WITHIN PROPOSED CONSTRUCTION LIMITS. THE QUANTITY WAS BASED ON AN ASSUMED DEPTH OF 6".

FILE NAME = \\collinsengr.com\il\data-il\Poseidon\DOCS\7000 - 194 at Ohio Street\CADD\CADD SHEETS\D160F63-sht-typ2.dgn

COLLINS ENGINEERS INC

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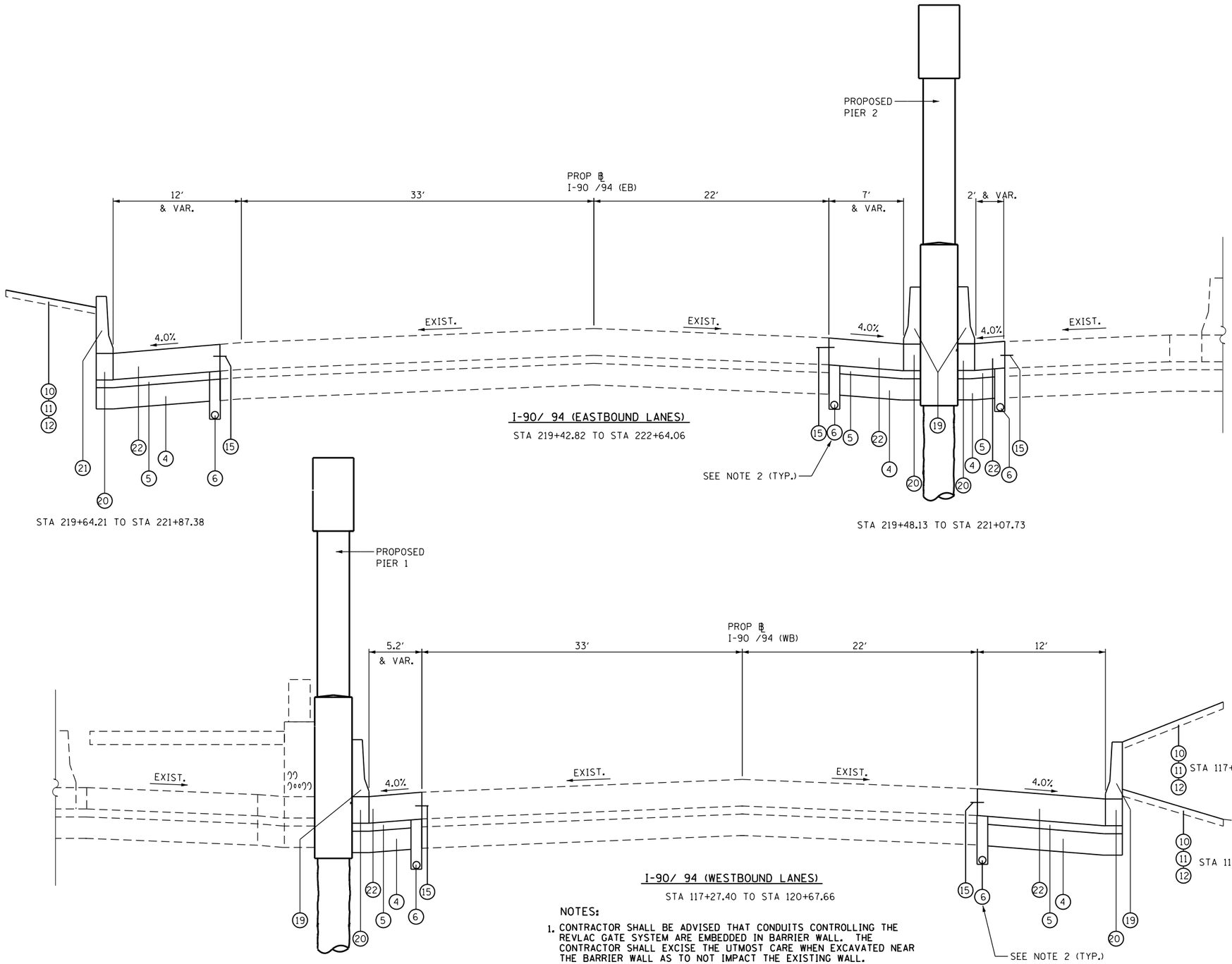
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP D
EXISTING TYPICAL SECTIONS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	26
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



PROPOSED LEGEND:

1. PORTLAND CEMENT CONCRETE PAVEMENT, 10-1/4" (JOINTED)
2. PORTLAND CEMENT CONCRETE SHOULDERS, 10-1/4"
3. STABILIZED SUBBASE, HOT-MIX ASPHALT, 4 1/2"
4. AGGREGATE SUBGRADE IMPROVEMENT, 12"
5. SUBBASE GRANULAR MATERIAL, TYPE C, 4 1/2"
6. PROPOSED PIPE UNDERDRAIN, 4"
7. AGGREGATE SHOULDERS, TYPE B, 10"
8. CONCRETE RETAINING WALL (PROPOSED)
9. MECHANICALLY STABILIZED EARTH RETAINING WALL (PROPOSED)
10. EROSION CONTROL BLANKET
11. TOPSOIL FURNISH AND PLACE, 4"
12. SEEDING, CLASS 2A
13. STEEL PLATE BEAM GUARDRAIL
14. LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS @ 24" CENTERS (INCLUDED IN THE COST OF PCC PAVEMENT)
15. LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS DRILL AND GROUT IN PLACE (INCLUDED IN THE COST OF PCC PAVEMENT)
16. BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
17. ANCHORAGE SLAB (SEE STRUCT. PLANS)
18. REINFORCED SOIL MASS (SEE STRUCT. PLANS)
19. CONCRETE BARRIER, SINGLE FACE, 42" (SPECIAL), TYPE 1
20. CONCRETE BARRIER BASE (SPECIAL)
21. CONCRETE BARRIER, SINGLE FACE, 42" (SPECIAL), TYPE 2
22. PORTLAND CEMENT CONCRETE SHOULDERS, 12"
23. AGGREGATE SUBGRADE IMPROVEMENT, UNDERCUT
24. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
25. PROTECTIVE CONCRETE SLAB (SEE STRUCT. PLANS)
26. CONTINUOUSLY REINFORCED CONCRETE PAVEMENT, 12"

NOTES:

1. CONTRACTOR SHALL BE ADVISED THAT CONDUITS CONTROLLING THE REVLAC GATE SYSTEM ARE EMBEDDED IN BARRIER WALL. THE CONTRACTOR SHALL EXCISE THE UTMOST CARE WHEN EXCAVATED NEAR THE BARRIER WALL AS TO NOT IMPACT THE EXISTING WALL.
2. CONTRACTOR SHALL CONNECT PROPOSED UNDERDRAIN SYSTEM TO EXISTING UNDERDRAIN SYSTEM. COST OF CONNECTION SHALL BE INCIDENTAL TO INSTALLATION OF THE PROPOSED UNDERDRAIN.

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COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 '/ in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

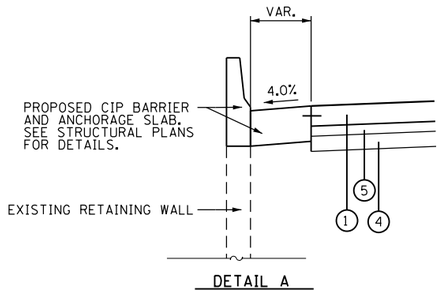
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 (KENNEDY EXPRESSWAY)
PROPOSED TYPICAL SECTIONS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

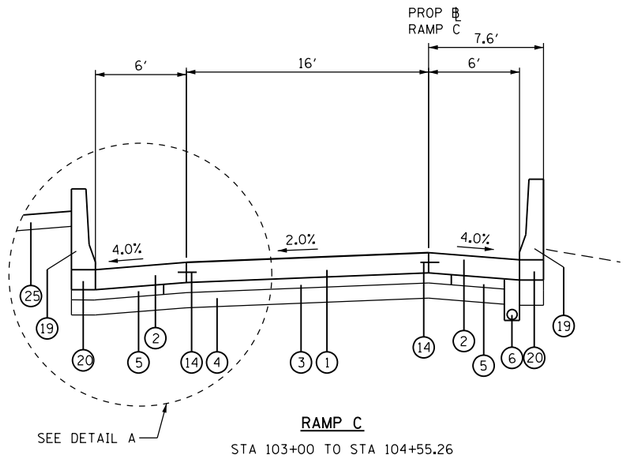
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	27
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



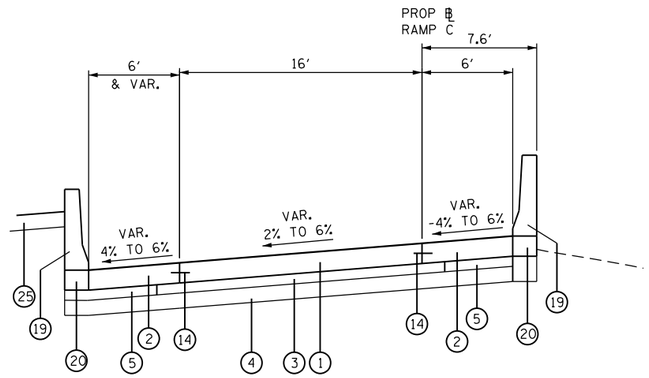
DETAIL A

STA 103+00 TO STA 103+95.88



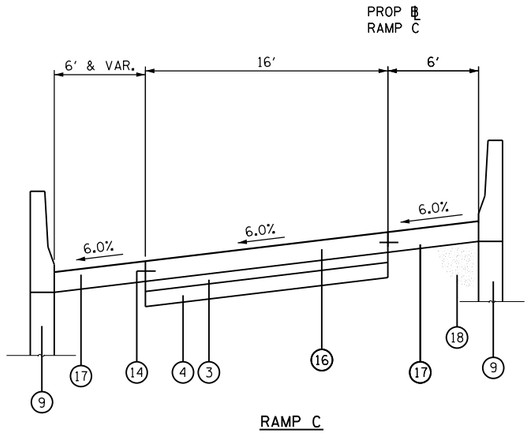
RAMP C

STA 103+00 TO STA 104+55.26



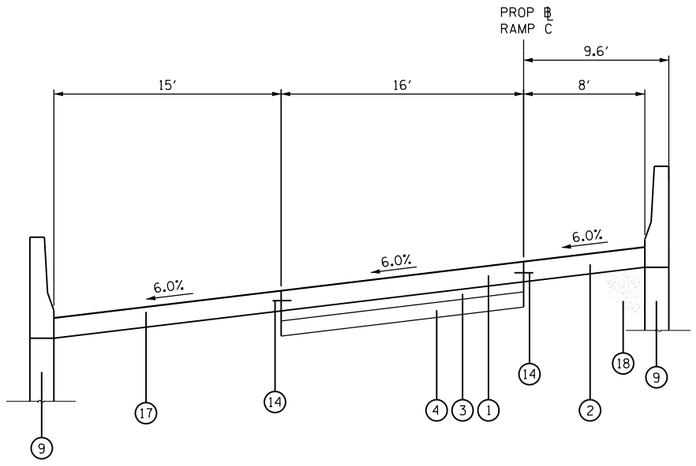
RAMP C

STA 104+55.26 TO STA 106+90.75



RAMP C

STA 106+90.75 TO STA 107+15.47 (LIMIT OF EAST APPROACH SLAB)



RAMP C

STA 112+27.29 (LIMIT OF WEST APPROACH SLAB) TO STA 113+14.95

PROPOSED LEGEND:

1. PORTLAND CEMENT CONCRETE PAVEMENT, 10-1/4" (JOINTED)
2. PORTLAND CEMENT CONCRETE SHOULDERS, 10-1/4"
3. STABILIZED SUBBASE, HOT-MIX ASPHALT, 4 1/2"
4. AGGREGATE SUBGRADE IMPROVEMENT, 12"
5. SUBBASE GRANULAR MATERIAL, TYPE C, 4 1/2"
6. PROPOSED PIPE UNDERDRAIN, 4"
7. AGGREGATE SHOULDERS, TYPE B, 10"
8. CONCRETE RETAINING WALL (PROPOSED)
9. MECHANICALLY STABILIZED EARTH RETAINING WALL (PROPOSED)
10. EROSION CONTROL BLANKET
11. TOPSOIL FURNISH AND PLACE, 4"
12. SEEDING, CLASS 2A
13. STEEL PLATE BEAM GUARDRAIL
14. LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS @ 24" CENTERS (INCLUDED IN THE COST OF PCC PAVEMENT)
15. LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS DRILL AND GROUT IN PLACE (INCLUDED IN THE COST OF PCC PAVEMENT)
16. BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
17. ANCHORAGE SLAB (SEE STRUCT. PLANS)
18. REINFORCED SOIL MASS (SEE STRUCT. PLANS)
19. CONCRETE BARRIER, SINGLE FACE, 42" (SPECIAL), TYPE 1
20. CONCRETE BARRIER BASE (SPECIAL)
21. CONCRETE BARRIER, SINGLE FACE, 42" (SPECIAL), TYPE 2
22. PORTLAND CEMENT CONCRETE SHOULDERS, 12"
23. AGGREGATE SUBGRADE IMPROVEMENT, UNDERCUT
24. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
25. PROTECTIVE CONCRETE SLAB (SEE STRUCT. PLANS)
26. CONTINUOUSLY REINFORCED CONCRETE PAVEMENT, 12"

STRUCTURAL DESIGN TRAFFIC (RAMP C) YEAR = 2012

PV = 14080 SU = 1440 MU = 480

ROAD / STREET CLASSIFICATION: CLASS: I

PERCENT OF STRUCTURAL TRAFFIC IN DESIGN LANE:

PV = 100% SU = 100% MU = 100%

TRAFFIC FACTOR ACTUAL TF = 10.87

MINIMUM TF =

PG GRADE: BINDER: N/A SURFACE: N/A

SUBGRADE SUPPORT RATING:

SSR = POOR

BRIDGE OMISSION
RAMP C
STA 107+15.47 TO STA 112+27.29

HOT-MIX ASPHALT MIXTURE REQUIREMENTS

MIXTURE TYPE	AIR VOIDS
STABILIZED SUBBASE	
STABILIZED SUBBASE, HOT-MIX ASPHALT, 4 1/2"	3% @ 50 GYR.
TEMPORARY PAVEMENT (NON-INTERSTATE)	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D" N50 (IL 9.5mm), 2"	4% @ 50 Gyr
TEMPORARY PAVEMENT (HMA BINDER IL-19 MM), 8"	4% @ 50 Gyr

1) THE UNIT WEIGHT USED TO CALCULATE ALL HMA SURFACE MIXTURE QUANTITIES IS 112 LBS/SQYD/IN
2) THE "AC TYPE" FOR POLMERIZED HMA MIXTURES SHALL BE "SBS/SBR PG 76-22" AND FOR NON-POLYMERIZED HMA THE "AC TYPE" SHALL BE "PG 64-22" UNLESS MODIFIED BY DISTRICT ONE SPECIAL PROVISIONS.
3) FOR USE OF RECYCLED MATERIALS, SEE SPECIAL PROVISIONS.
4) THE CONTRACTOR HAS THE OPTION TO USE PC TEMPORARY PAVEMENT. PC CONCRETE TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS"; TYPICALLY 8" THICK.
5) TEMPORARY PAVEMENT DOES NOT REQUIRE DOWEL BAR.

FILE NAME = \\collinsengr.com\ilydata\ill\Poseidon\DOCS\70000 - I94 at Ohio Street\CADD\CADD SHEETS\0160F63-sht-typ2.dgn

COLLINS ENGINEERS INC

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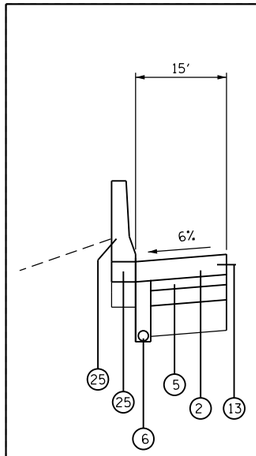
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

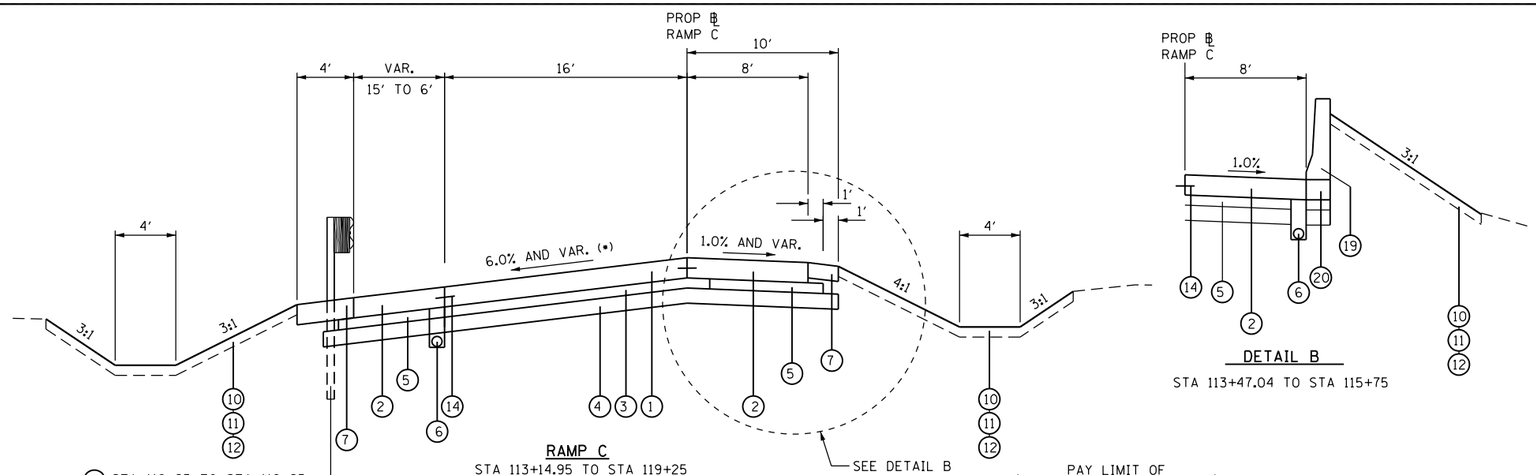
RAMP C
PROPOSED TYPICAL SECTIONS

SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	28
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



STA 113+14.95
TO
STA 113+47.04



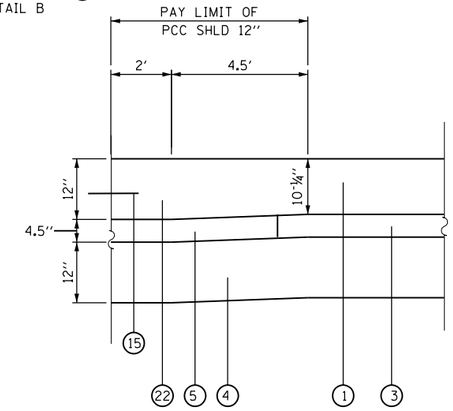
13 STA 118+25 TO STA 119+25

RAMP C

STA 113+14.95 TO STA 119+25
STA 123+25.00 TO STA 124+84.81
(•) CROSS SLOPE TRANSITION
STA 119+05 (6%) TO STA 119+25 (5.3%)

DETAIL B

STA 113+47.04 TO STA 115+75

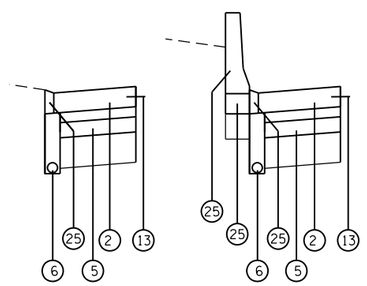


LATERAL TRANSITION

STA 124+84.81 TO STA 125+82.97

PROPOSED LEGEND:

1. PORTLAND CEMENT CONCRETE PAVEMENT, 10-1/4" (JOINTED)
2. PORTLAND CEMENT CONCRETE SHOULDERS, 10-1/4"
3. STABILIZED SUBBASE, HOT-MIX ASPHALT, 4 1/2"
4. AGGREGATE SUBGRADE IMPROVEMENT, 12"
5. SUBBASE GRANULAR MATERIAL, TYPE C, 4 1/2"
6. PROPOSED PIPE UNDERDRAIN, 4"
7. AGGREGATE SHOULDERS, TYPE B, 10"
8. CONCRETE RETAINING WALL (PROPOSED)
9. MECHANICALLY STABILIZED EARTH RETAINING WALL (PROPOSED)
10. EROSION CONTROL BLANKET
11. TOPSOIL FURNISH AND PLACE, 4"
12. SEEDING, CLASS 2A
13. STEEL PLATE BEAM GUARDRAIL
14. LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS @ 24" CENTERS (INCLUDED IN THE COST OF PCC PAVEMENT)
15. LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS DRILL AND GROUT IN PLACE (INCLUDED IN THE COST OF PCC PAVEMENT)
16. BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
17. ANCHORAGE SLAB (SEE STRUCT. PLANS)
18. REINFORCED SOIL MASS (SEE STRUCT. PLANS)
19. CONCRETE BARRIER, SINGLE FACE, 42" (SPECIAL), TYPE 1
20. CONCRETE BARRIER BASE (SPECIAL)
21. CONCRETE BARRIER, SINGLE FACE, 42" (SPECIAL), TYPE 2
22. PORTLAND CEMENT CONCRETE SHOULDERS, 12"
23. AGGREGATE SUBGRADE IMPROVEMENT, UNDERCUT
24. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
25. PROTECTIVE CONCRETE SLAB (SEE STRUCT. PLANS)
26. CONTINUOUSLY REINFORCED CONCRETE PAVEMENT, 12"

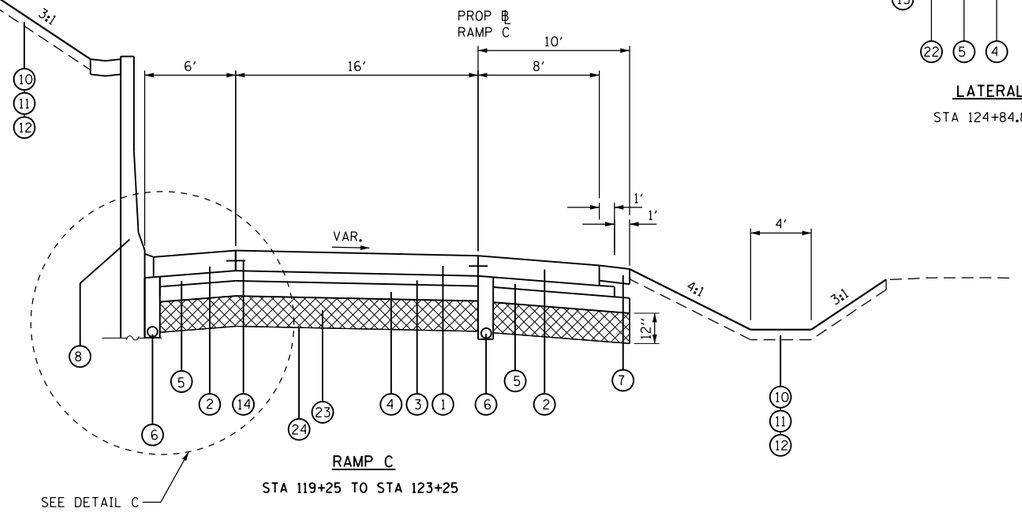


STA 124+00.00
TO
STA 124+84.81

STA 123+60.00
TO
STA 124+00.00

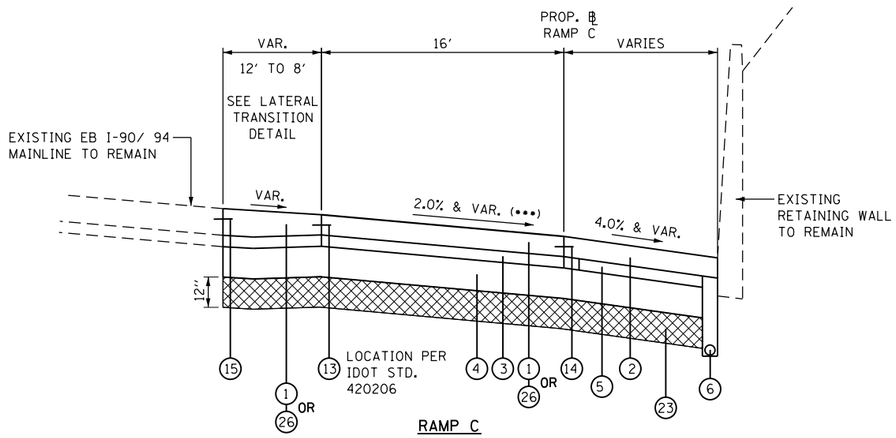
DETAIL C

STA 123+60 TO STA 124+00



RAMP C

STA 119+25 TO STA 123+25



RAMP C

STA 124+84.81 TO STA 127+90.44

(•••) CROSS SLOPE TRANSITION
STA 125+24.77 (6%) TO STA 126+90.77 (2%)

FILE NAME = \\collinsengr.com\1\data-1\Poseidon\DOCS\7000 - 194 at Ohio Street\CADD\CADD SHEETS\D160F63-alt-typ2.dgn

COLLINS ENGINEERS INC

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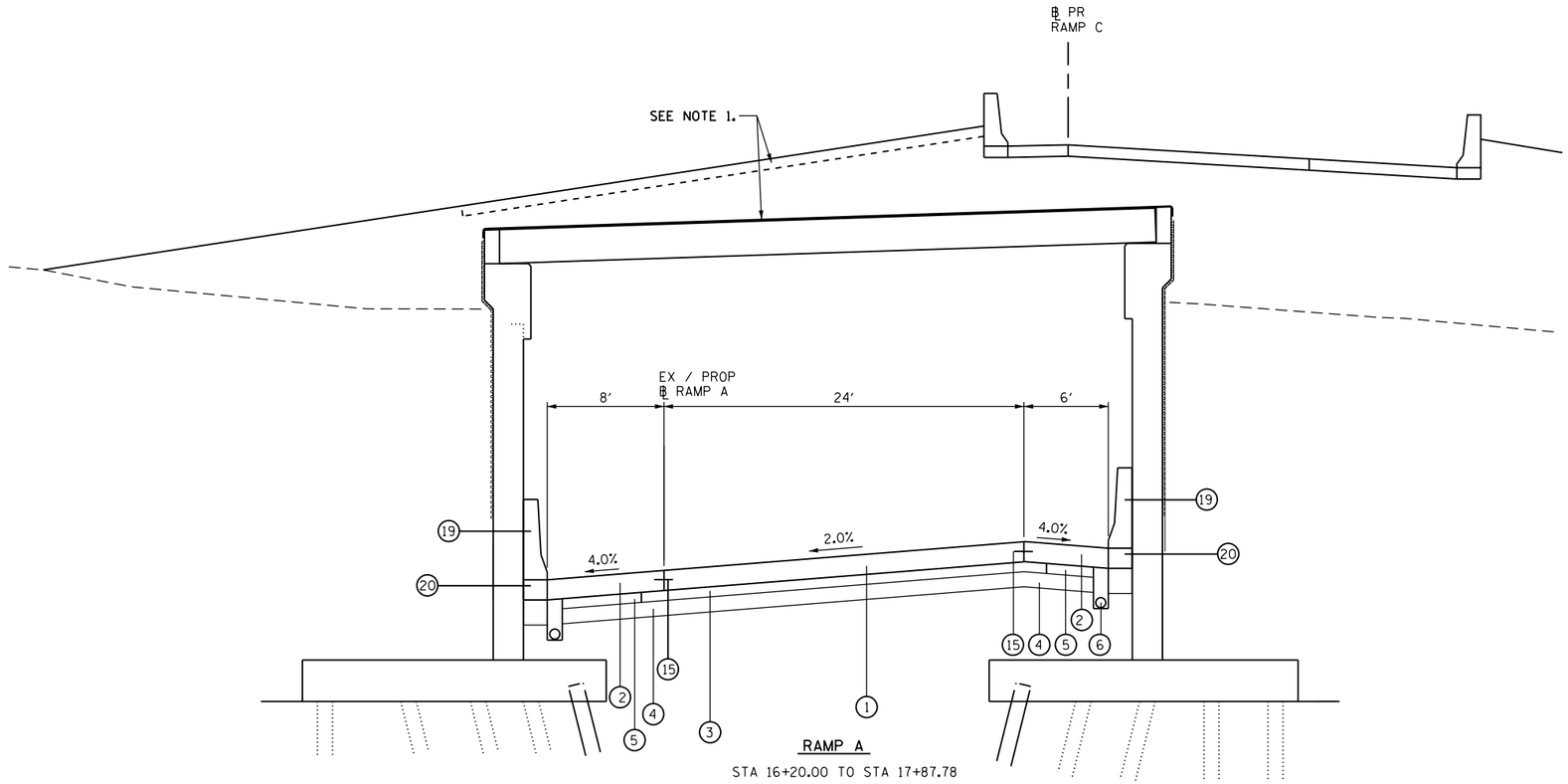
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP C
PROPOSED TYPICAL SECTIONS

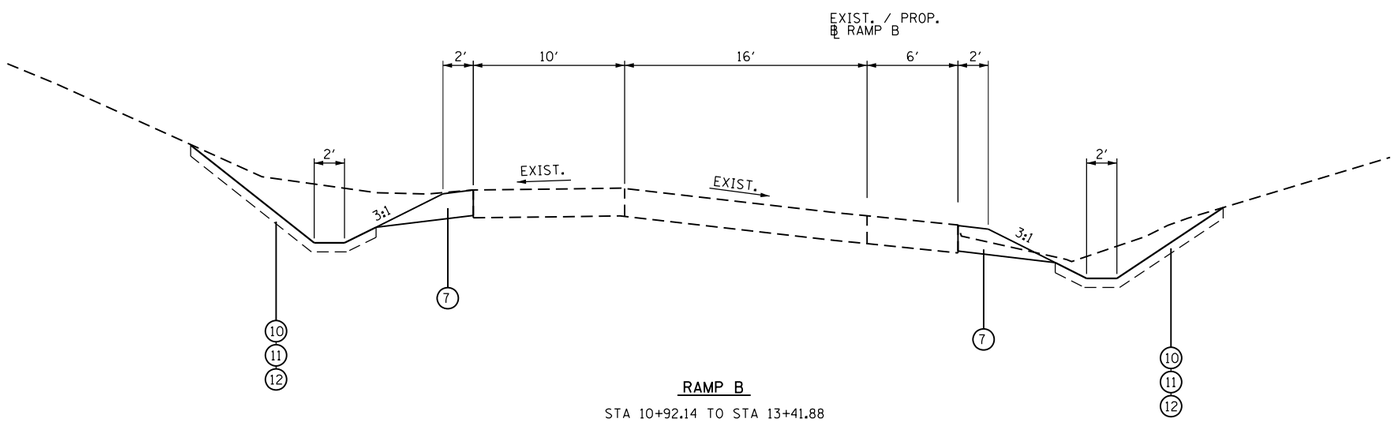
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	29
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



RAMP A

STA 16+20.00 TO STA 17+87.78



RAMP B

STA 10+92.14 TO STA 13+41.88

PROPOSED LEGEND:

1. PORTLAND CEMENT CONCRETE PAVEMENT, 10-1/4" (JOINTED)
2. PORTLAND CEMENT CONCRETE SHOULDERS, 10-1/4"
3. STABILIZED SUBBASE, HOT-MIX ASPHALT, 4 1/2"
4. AGGREGATE SUBGRADE IMPROVEMENT, 12"
5. SUBBASE GRANULAR MATERIAL, TYPE C, 4 1/2"
6. PROPOSED PIPE UNDERDRAIN, 4"
7. AGGREGATE SHOULDERS, TYPE B, 10"
8. CONCRETE RETAINING WALL (PROPOSED)
9. MECHANICALLY STABILIZED EARTH RETAINING WALL (PROPOSED)
10. EROSION CONTROL BLANKET
11. TOPSOIL FURNISH AND PLACE, 4"
12. SEEDING, CLASS 2A
13. STEEL PLATE BEAM GUARDRAIL
14. LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS @ 24" CENTERS (INCLUDED IN THE COST OF PCC PAVEMENT)
15. LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS DRILL AND GROUT IN PLACE (INCLUDED IN THE COST OF PCC PAVEMENT)
16. BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
17. ANCHORAGE SLAB (SEE STRUCT. PLANS)
18. REINFORCED SOIL MASS (SEE STRUCT. PLANS)
19. CONCRETE BARRIER, SINGLE FACE, 42" (SPECIAL), TYPE 1
20. CONCRETE BARRIER BASE (SPECIAL)
21. CONCRETE BARRIER, SINGLE FACE, 42" (SPECIAL), TYPE 2
22. PORTLAND CEMENT CONCRETE SHOULDERS, 12"
23. AGGREGATE SUBGRADE IMPROVEMENT, UNDERCUT
24. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
25. PROTECTIVE CONCRETE SLAB (SEE STRUCT. PLANS)
26. CONTINUOUSLY REINFORCED CONCRETE PAVEMENT, 12"

NOTES:

1. SEE STRUCTURE SN 016-2573 PLANS FOR DETAILS (STA 17+22.62 TO STA 17+87.78)

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COLLINS ENGINEERS INC

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	DATE -	REVISED -

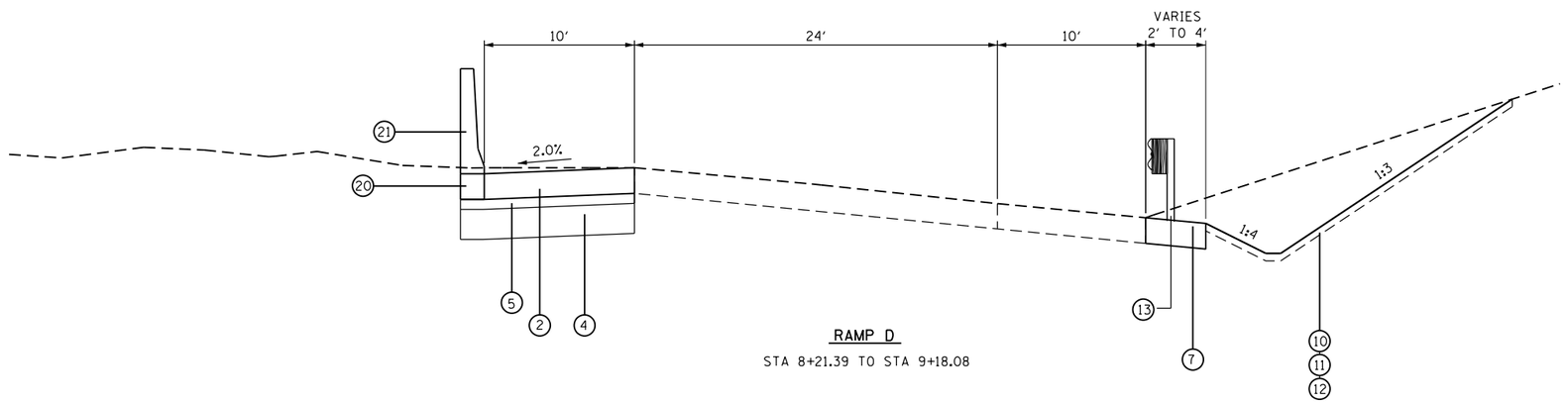
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP A AND RAMP B
PROPOSED TYPICAL SECTIONS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

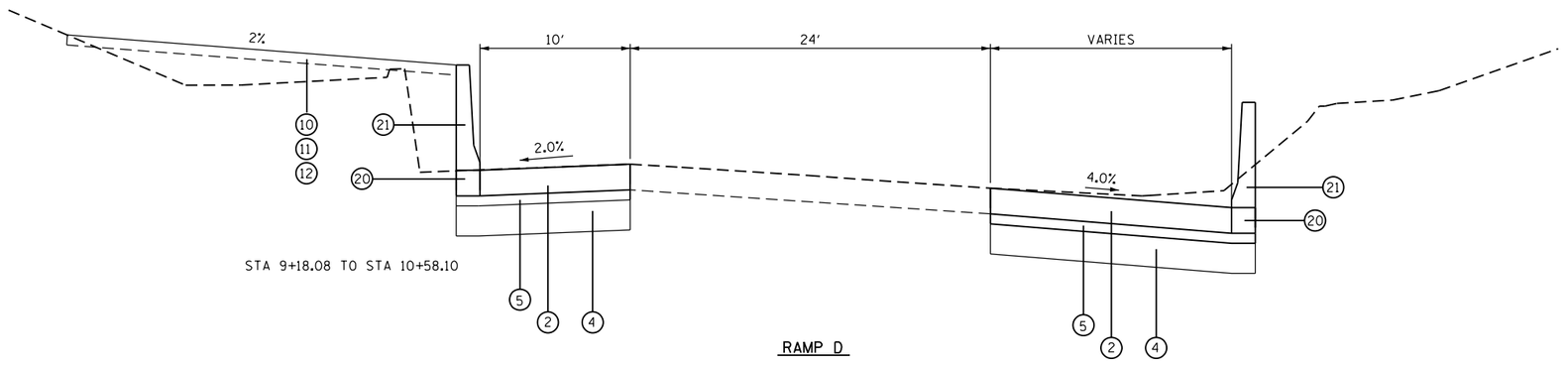
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	30
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



RAMP D

STA 8+21.39 TO STA 9+18.08



STA 9+18.08 TO STA 10+58.10

RAMP D

STA 9+18.08 TO STA 11+06.71

PROPOSED LEGEND:

1. PORTLAND CEMENT CONCRETE PAVEMENT, 10-1/4" (JOINTED)
2. PORTLAND CEMENT CONCRETE SHOULDERS, 10-1/4"
3. STABILIZED SUBBASE, HOT-MIX ASPHALT, 4 1/2"
4. AGGREGATE SUBGRADE IMPROVEMENT, 12"
5. SUBBASE GRANULAR MATERIAL, TYPE C, 4 1/2"
6. PROPOSED PIPE UNDERDRAIN, 4"
7. AGGREGATE SHOULDERS, TYPE B, 10"
8. CONCRETE RETAINING WALL (PROPOSED)
9. MECHANICALLY STABILIZED EARTH RETAINING WALL (PROPOSED)
10. EROSION CONTROL BLANKET
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12. SEEDING, CLASS 2A
13. STEEL PLATE BEAM GUARDRAIL
14. LONGITUDINAL CONSTRUCTION JOINT WITH NO. 6 TIE BARS @ 24" CENTERS (INCLUDED IN THE COST OF PCC PAVEMENT)
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22. PORTLAND CEMENT CONCRETE SHOULDERS, 12"
23. AGGREGATE SUBGRADE IMPROVEMENT, UNDERCUT
24. GEOTECHNICAL FABRIC FOR GROUND STABILIZATION
25. PROTECTIVE CONCRETE SLAB (SEE STRUCT. PLANS)
26. CONTINUOUSLY REINFORCED CONCRETE PAVEMENT, 12"

FILE NAME = \\collinseng-com\il\data-il\Poseidon\DOCS\72000 - I94 at Ohio Street\CADD\CADD SHEETS\D160F63-sht-typ2.dgn

COLLINS ENGINEERS INC

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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP D
PROPOSED TYPICAL SECTIONS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	31
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

PROPOSED PAVEMENT

LOCATION	STATION		AGG SUBGRADE 12" (SQ YD)	STAB SUBBASE 4" (SQ YD)	PCC PVT 10-1/4" JOINTED (SQ YD)	BRIDGE APPROACH PVT CONNECTOR (SQ YD)	CRC 12" (SQ YD)	AGG SHLD, TY B 8" (SQ YD)	PCC SHLD, 10-1/4" (SQ YD)	PCC SHLD, 12" (SQ YD)
	FROM	TO								
RAMP A	09+19.73	10+26.31	670	670	422				248	
RAMP C	103+00.00	106+01.10	6659	6659	535				508	
RAMP C	106+01.10	107+21.79				318				
RAMP C	112+18.45	113+39.17				409				
RAMP C	113+39.17	126+84.08			2378			686	2300	
RAMP C	126+84.08	127+90.43					212			
RAMP B	10+92.14	13+41.88						111		
RAMP D	08+20.00	11+06.71	624	624				40	624	
I-90/94 (WB)	117+27.29	120+67.75	486	486						486
I-90/94 (EB)	207+03.90	221+02.35	962	962						962
TOTAL			9400	9400	3334	727	212	837	3679	1447

PROPOSED BARRIER WALL

LOCATION	STATION		OFFSET	CONC BAR, VAR. CROSS SECT, 42" (LF)	CONC BAR, 1F, 42" HT SPL (LF)	CONC BAR BASE (LF)	CONC BAR TRANSITION (LF)
	FROM	TO					
I-90/94 WB	11727.78	12024.64	RT		297	297	
I-90/94 WB	119+17.13	120+67.79	RT	151		151	
I-90/94 EB	219+40.64	221+02.38	LT	162		162	
I-90/94 EB	219+40.64	221+02.38	RT	162		162	
I-90/94 EB	219+64.21	222+26.42	RT		285	285	
RAMP C	103+00.00	106+90.75	RT		391	391	
	103+00.00	106+90.75	LT		391	391	
	113+14.95	113+47.04	LT		32	32	
	113+14.95	115+75.22	RT		260	260	
	119+20.00	120+00.00	LT		80	80	15
	123+60.00	124+00.00	LT		40	40	
	123+60.00	124+00.00	LT		40	40	
	16+20.00	17+87.77	RT		168	168	
	16+20.00	17+87.77	LT		168	168	
RAMP D	09+18.08	11+06.71	RT		189	189	15
RAMP D	07+93.59	10+58.12	LT		285	285	
TOTAL				474	2625	3100	30

PROPOSED BARRIER WALL

LOCATION	STATION		OFFSET	IMP ATT T3 (NON-REDIRECTIVE)	TR BAR TRM T1 SPL TAN (EACH)	TR BAR TRM T6 (EACH)	GUARDRAIL MARKERS (EACH)	TERM MARK DIRECT APPLIED (EACH)
	FROM	TO						
RAMP C	118+39.88		LT			1	4	
RAMP C	118+61.00		LT		1			1
RAMP D	07+93.59		LT	1			4	
RAMP D	08+46.00		RT		1			1
RAMP D	08+88.00		RT			1		
TOTAL				1	2	2	8	2

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COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	32
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

PROPOSED DRAINAGE STRUCTURES

PIPE NUMBER	U/S STRUCTURE	D/S STRUCTURE	TYPE	DIA (IN)	LENGTH (FT)	SLOPE (%)	TBF (CY)
P-1	1	EX MH	TY 4	12	77.0	3.6%	0.0
P-2	3	2	TY 2	12	5.4	1.1%	4.0
P-3	4	3	TY 2	12	81.2	1.0%	0.0
P-4	5B	EX CB	TY 4	12	6.0	1.0%	1.0
P-5	6	6A	TY 4	12	3.0	9.0%	1.0
P-6	6A	8	TY 4	12	20.5	1.0%	1.0
P-7	8A	9A	TY 4	15	8.0	1.0%	1.0
P-8	7	9	TY 4	12	5.2	1.0%	1.0
P-9	9	9A	TY 4	15	28.0	1.0%	15.0
P-10	9A	11	TY 2	18	98.6	1.0%	44.0
P-11	10	9A	TY 4	12	3.0	8.3%	1.0
P-12	8	8A	TY 4	12	3.0	8.3%	1.0
P-13	12	13	TY 4	10	13.0	0.6%	1.0
P-14	14	15	TY 4	12	17.2	1.0%	1.0
P-15	16	15	TY 4	12	3.0	1.0%	1.0
P-16	17	17A	TY 4	12	48.0	3.5%	0.0
P-17	18	18A	TY 4	10	43.0	1.0%	5.0
P-18	19A	19	TY 2	12	53.0	1.0%	1.0
P-19	20	19	TY 2	12	89.4	0.8%	0.0
P-20	20A	20	TY 4	12	115.6	1.0%	41.0
P-21	29	28	TY 4	12	13.3	1.1%	0.0
P-22	28	EX MH	TY 4	15	39.2	2.8%	6.0
P-23	21	22	TY 2	12	1.7	2.9%	0.0
P-24	22	23	TY 2	12	12.7	0.9%	0.0
P-25	23	26	TY 4	12	88.0	2.3%	0.0
P-26	24	25	TY 4	12	7.0	1.4%	0.0
P-27	25	26	TY 4	12	48.1	1.0%	4.0

PROPOSED DRAINAGE PIPES

STRUCTURE NUMBER	ALIGN	STATION	OFFSET	STRUCTURE TYPE			DIA (FT.)	FRAME & LID	TOP OF FRAME	N INV.	E INV.	S INV.	W INV.
				MH/FES	CB	INL							
1	RAMP C	106+46.12	22.0' LT		A		4	T24F&G	600.23			580.00	
2	I-90/94 WB	118+17.42	34.1' RT		A		4	T24F&G	577.72	573.05			
3	I-90/94 WB	118+17.50	39.3' RT	A			4	T1F CL	582.00			573.11	573.19
4	I-90/94 WB	119+02.82	38.5' RT		A		4	T8G	579.00		574.00		
5	I-90/94 WB	119+21.22	34.0' RT		A		4	T24F&G	578.01				574.00
5A	I-90/94 EB	220+70.24	33.7' LT		A		4	T24F&G	578.43				574.00
5B	RAMP D	008+24.07	24.4' LT			A	4	T24F&G	577.64	574.26			
6	RAMP A	017+68.86	7.67' LT			A	4 (P)	T24F&G	573.00			570.67	
6A	RAMP A	017+68.86	2.0' LT	A			4	T1F CL	573.23	570.40			570.32
7	RAMP A	017+39.50	29.27' RT			A	4	T3F&G	573.52				570.46
8	RAMP A	017+43.43	7.63' LT			A	4 (P)	T3F&G	573.01			570.85	
8A	RAMP A	017+43.43	2.0' LT		A		4	T1F OL	573.26	570.60	570.12		570.04
9	RAMP A	017+30.43	28.94' RT		A		4	T3F&G	573.48	567.81	570.41		
9A	RAMP A	017+30.47	2.0' LT		A		5	T1F OL	573.21	570.55	569.96	567.67	567.09
10	RAMP A	017+30.47	7.61' LT			A	4 (P)	T3F&G	572.96			570.80	
11	RAMP A	016+29.11	8.1' LT		A		4	T24F&G	573.71		566.10	565.95	
12	RAMP D	010+32.00	21.0' RT	A			4	T1F CL	577.11	574.41 (EX)		574.49	
13	RAMP D	010+45.56	33.1' RT			A	4	T8G	577.80	574.57			
14	RAMP D	010+99.88	27.4' RT			A	4	T24F&G	577.98			575.30	
15	RAMP D	011+21.07	27.1' RT		A		4	T24F&G	578.23	575.10 (NW)	575.03 (SE)	575.10 (SW)	
16	RAMP D	011+19.82	29.4' RT			A	4	T8G	578.50	575.13 (NE)			
17	RAMP C	113+44.35	31.0' LT			A	4	TYPE D INL	599.89		581.47		
17A	RAMP C	113+42.73	75.82' LT		A		4	T1F CL	584.70	576.00 (NE)			580.00
18	RAMP C	115+73.60	8.0' RT		A		4	T24F&G	596.03		592.41		
18A	RAMP C	116+00.00	31.0' LT	FES				12					591.98
19	RAMP C	117+47.00	32.3' LT		A		5	T8G	588.22	577.42 (EX)	578.33	583.31	
19A	RAMP C	117+70.00	18.5' RT			A	4	T8G	588.73	583.88			
20	RAMP C	118+50.00	34.5' LT			A	4	T8G	585.58			579.02 (SE)	579.02
20A	RAMP C	119+50.00	20.0' RT			A	4	T8G	584.01	580.25 (NW)			
21	RAMP C	123+97.54	22.0' LT			A	4	T24F&G	574.25		569.60		
22	RAMP C	123+97.54	24.9' LT		A		4	T10F&G	574.27	569.47 (NE)		569.55 (SW)	
23	RAMP C	124+05.39	42.0' LT		A		4	T8G	573.39		569.27 (SE)		569.35 (SW)
24	RAMP C	124+50.00	19.0' LT		A		4	604101	571.40		568.80		
25	RAMP C	124+60.00	19.0' RT		A		4	604101	571.45		568.62 (NE)		568.70 (NW)
26	RAMP C	124+89.98	24.0' LT		A		5	T24F&G	574.28	567.28 (NW)	568.03 (NE)	568.11 (SW)	
27	NOT USED												
28	RAMP B	010+82.00	17.0' RT		A		4	T8G	570.65	567.59			566.87
29	RAMP B	011+00.00	17.0' RT			A	4	T8G	571.18			567.74	
30	RAMP B	012+39.60	20.0' RT		A		4	T8G	575.26	559.61		559.61	

(P) - PRECAST INLET REQUIRED

FILE NAME = i:\2000 - I94 at Ohio Street\CADD\CADD SHEETS\D160F63-SCHEDULES.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 2.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	33
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

TREE REMOVAL (6 TO 15 UNITS)

LOCATION			TREE REMOVAL		
ROAD	STATION	LT/RT	EACH	DIA (IN.)	UNITS
RAMP C	10+76.01	RT	1	8	8
	11+01.86	RT	1	10	10
	11+26.66	RT	1	10	10
	11+49.77	RT	1	8	8
	12+88.93	RT	1	8	8
	13+13.17	RT	1	8	8
	13+13.27	RT	1	12	12
	14+80.09	LT	1	10	10
	15+27.52	LT	1	6	6
	15+66.60	LT	1	8	8
	16+10.50	LT	1	12	12
	18+37.02	LT	1	8	8
	18+48.17	LT	1	5	5
	18+51.56	LT	1	9	9
	18+60.92	LT	1	10	10
	18+69.11	LT	1	10	10
	18+87.00	LT	1	10	10
	11+61.09	LT	13	8	104
	19+77.75	LT	14	8	112
RAMP A	19+59.11	LT	25	10	250
	18+90.71	RT	35	10	350
TOTAL					968

TREE REMOVAL (ACRES)

LOCATION			TREE REMOVAL		
ROAD	STATION	LT/RT	SQ FT		ACRE
	11+61.09	LT	11073.0		0.3
	19+77.75	LT	1574.0		0.0
RAMP A	19+59.11	LT	1459.1		0.0
	18+90.71	RT	8147.0		0.2
TOTAL					0.5

PAVED SHOULDER REMOVAL

LOCATION				PVMT AREA
ROAD	STATION TO	STATION	LT/RT	SQ YD
RAMP C	103+00.00	106+42.44	RT	230
RAMP C	103+00.00	106+38.12	LT	182
I-90/94	220+27.91	219+40.62	RT	86
I-90/94	220+27.91	219+40.62	RT	40
I-90/94	120+67.75	119+17.10	LT	92
I-90/94	117+27.28	120+24.58	LT	270
I-90/94	219+64.21	222+35.94	RT	394
RAMP D	7+93.59	10+58.10	LT	394
RAMP D	9+16.85	11+04.15	RT	222
RAMP C	113+17.15	127+90.16	RT	1019
RAMP C	113+19.14	125+96.44	LT	700
I-90/94	210+14.65	207+49.73	LT	268
RAMP A	17+86.76	16+20.00	RT	134
RAMP A	17+86.70	16+20.00	LT	109
TOTAL =				4141

BARRIER WALL REMOVAL

LOCATION					LENGTH
ROAD	DIRECTION	STATION TO	STATION	LT/RT	FOOT
I-90/94	EB	221+25.39	219+90.00	LT	136
I-90/94	WB	120+24.59	119+13.57	LT	112
I-90/94	WB	119+09.77	117+27.29	LT	184
I-90/94	WB	120+67.79	119+17.14	LT	151
I-90/94	EB	220+27.83	219+40.63	RT	87
I-90/94	EB	220+27.78	219+56.75	LT	71
RAMP C		103+00.00	106+42.55	RT	344
RAMP C		103+95.90	106+37.74	LT	242
RAMP C		113+20.59	113+47.36	LT	27
RAMP C		113+18.28	116+88.44	RT	374
RAMP C	STG 2 MOT				40
TOTAL =					1766

PAVEMENT REMOVAL

LOCATION			PVMT AREA
ROAD	STATION TO	STATION	SQ YD
RAMP C	103+00.00	106+39.44	607
RAMP A	20+24.24	18+81.75	357
RAMP A	16+20.00	17+86.70	422
RAMP C	113+17.49	127+91.10	2589
RAMP A	106+29.39	106+95.71	167
I-90/94	220+13.32	218+62.62	54
TOTAL =			4196

FILE NAME = i:\7000 - 194 at Ohio Street\CADD\CADD SHEETS\D160F63-SCHEDULES.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 2.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	34
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

EARTHWORK SCHEDULE

STAGE 1		EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
STA. FROM	TO STA.	CU YD	CU YD	CU YD	CU YD	CU YD
STAGE 1						
204+00.00	204+50.00	52.35	11.22	44.50	1.07	43.43
204+50.00	205+00.00	113.00	24.93	96.05	1.83	94.22
205+00.00	205+50.00	88.65	25.66	75.35	4.20	71.15
205+50.00	206+00.00	32.37	17.56	27.51	6.33	21.18
213+00.00	213+50.00	10.19	20.44	8.66	3.34	5.32
213+50.00	214+00.00	13.19	27.62	11.21	4.47	6.74
214+00.00	214+50.00	16.98	23.89	14.43	3.37	11.06
214+50.00	215+00.00	26.01	26.51	22.11	0.99	21.12
215+00.00	215+50.00	30.31	29.56	25.76	1.96	23.81
215+50.00	216+00.00	38.19	30.80	32.46	3.63	28.82
216+00.00	216+50.00	37.31	32.68	31.71	4.53	27.19
216+50.00	217+00.00	40.29	31.46	34.24	3.49	30.75
217+00.00	217+50.00	73.36	35.79	62.35	2.15	60.20
217+50.00	218+00.00	116.73	41.71	99.22	1.44	97.78
218+00.00	218+50.00	133.15	43.41	113.18	5.45	107.73
218+50.00	219+00.00	96.68	44.43	82.18	10.84	71.34
219+00.00	219+50.00	37.19	37.91	31.61	13.50	18.11
219+50.00	220+00.00	6.28	20.86	5.34	11.17	-5.84
220+00.00	220+50.00	0.48	0.00	0.41	0.00	0.41
	TOTAL	962.20	526.44	817.87	83.76	734.11

STAGE 2		EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
STA. FROM	TO STA.	CU YD	CU YD	CU YD	CU YD	CU YD
STAGE 2						
100+50.00	101+00.00	0.26	2.25	0.22	1.37	-1.14
101+00.00	101+50.00	11.38	14.49	9.68	4.74	4.94
101+50.00	102+00.00	72.74	35.31	61.83	4.29	57.54
102+00.00	102+50.00	146.83	47.88	124.81	2.52	122.29
103+00.00	103+50.00	224.89	54.77	191.16	2.09	189.07
103+50.00	104+00.00	254.90	66.05	216.66	3.81	212.85
104+00.00	104+50.00	150.19	59.30	127.66	6.64	121.01
104+50.00	105+00.00	35.38	29.96	30.07	8.79	21.29
	TOTAL	896.57	310.00	762.09	34.25	727.83

STAGE 3		EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
STA. FROM	TO STA.	CU YD	CU YD	CU YD	CU YD	CU YD
STAGE 3						
302+00.00	302+50.00	12.76	5.42	10.85	1.76	9.08
302+50.00	303+00.00	30.71	17.30	26.10	8.01	18.09
303+00.00	303+50.00	18.88	26.06	16.04	28.76	-12.72
303+50.00	304+00.00	0.93	31.59	0.79	95.76	-94.97
304+00.00	304+50.00	0.00	36.66	0.00	188.84	-188.84
304+50.00	305+00.00	0.00	43.46	0.00	312.74	-312.74
305+00.00	305+50.00	0.00	50.69	0.00	446.70	-446.70
305+50.00	306+00.00	0.00	50.44	0.00	420.01	-420.01
306+00.00	306+50.00	0.00	36.00	0.00	170.44	-170.44
316+00.00	316+50.00	0.00	0.00	0.00	0.00	0.00
316+50.00	317+00.00	0.00	0.00	0.00	0.00	0.00
317+00.00	317+50.00	0.48	1.31	0.41	9.10	-8.69
317+50.00	318+00.00	0.55	4.36	0.47	21.81	-21.34
318+00.00	318+50.00	0.12	7.58	0.10	12.70	-12.61
318+50.00	319+00.00	0.27	9.31	0.23	1.17	-0.94
319+00.00	319+50.00	0.22	4.79	0.19	1.17	-0.98
	GRAND TOTAL	64.91	324.96	55.17	1718.97	-1663.80

FILE NAME = i:\7000 - 194 at Ohio Streets\CADD\CADD SHEETS\D160F63-SCHEDULES.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 2.0000 ' / in.	DRAWN -	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	35
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

EARTHWORK SCHEDULE

STA. FROM	TO STA.	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		CU YD	CU YD	CU YD	CU YD	CU YD
RAMP C						
113+50.00	114+00.00	0.97	37.13	0.83	200.29	-199.46
114+00.00	114+50.00	0.94	30.31	0.79	165.80	-165.01
114+50.00	115+00.00	0.60	25.75	0.51	136.73	-136.22
115+00.00	115+50.00	0.26	25.64	0.22	127.24	-127.02
115+50.00	116+00.00	14.56	28.93	12.38	109.79	-97.41
116+00.00	116+50.00	31.36	33.08	26.65	94.09	-67.43
116+50.00	117+00.00	24.62	34.87	20.93	85.53	-64.60
117+00.00	117+50.00	21.68	48.06	18.42	98.01	-79.58
117+50.00	118+00.00	42.16	63.80	35.84	113.11	-77.27
118+00.00	118+50.00	78.80	71.19	66.98	106.51	-39.53
118+50.00	119+00.00	110.16	78.33	93.63	109.42	-15.79
119+00.00	119+50.00	138.23	79.10	117.50	109.99	7.51
119+50.00	120+00.00	172.00	110.77	146.20	73.57	72.62
120+00.00	120+50.00	208.97	148.96	177.63	79.19	98.44
120+50.00	121+00.00	287.30	150.24	244.21	92.54	151.67
121+00.00	121+50.00	437.10	145.83	371.54	49.87	321.67
121+50.00	122+00.00	617.43	143.31	524.81	17.91	506.90
122+00.00	122+50.00	734.95	139.11	624.71	3.25	621.47
122+50.00	123+00.00	760.19	133.19	646.17	1.62	644.54
123+00.00	123+50.00	723.16	126.83	614.68	1.64	613.04
123+50.00	124+00.00	652.09	133.71	554.27	3.70	550.57
124+00.00	124+50.00	485.96	130.42	413.06	6.01	407.06
124+50.00	125+00.00	300.29	123.77	255.25	6.39	248.86
125+00.00	125+50.00	181.08	97.01	153.92	3.80	150.12
125+50.00	126+00.00	106.06	61.71	90.16	1.17	88.98
126+00.00	126+50.00	71.15	57.09	60.48	1.08	59.40
126+50.00	127+00.00	37.94	49.47	32.25	0.65	31.60
127+00.00	127+50.00	22.75	43.74	19.34	0.40	18.94
	TOTAL	6262.76	2351.34	5323.35	1799.26	3524.08

STA. FROM	TO STA.	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		CU YD	CU YD	CU YD	CU YD	CU YD
RAMP B						
11+00.00	11+50.00	29.54	28.68	25.11	0.09	25.02
11+50.00	12+00.00	19.64	23.47	16.69	0.10	16.60
12+00.00	12+50.00	20.14	25.69	17.12	1.00	16.11
12+50.00	13+00.00	46.27	44.00	39.33	3.22	36.11
	TOTAL	115.59	121.84	98.25	4.41	93.84

STA. FROM	TO STA.	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		CU YD	CU YD	CU YD	CU YD	CU YD
RAMP D						
8+00.00	8+50.00	79.62	21.57	67.67	84.04	-16.36
8+50.00	9+00.00	83.75	11.76	71.19	109.21	-38.02
9+00.00	9+50.00	86.53	6.84	73.55	67.91	5.64
9+50.00	10+00.00	94.65	4.77	80.45	57.11	23.35
10+00.00	10+50.00	124.35	15.70	105.70	75.44	30.26
10+50.00	11+00.00	116.56	20.93	99.08	68.95	30.12
	TOTAL	585.45	81.58	497.64	462.65	34.99

STA. FROM	TO STA.	EARTH EXCAVATION	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIALS	EXCAVATION TO BE USED IN EMBANKMENT (15% SHRINKAGE)	EMBANKMENT	EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)
		CU YD	CU YD	CU YD	CU YD	CU YD
RAMP C		6262.76	2351.34	5323.35	1799.26	3524.08
RAMP B		115.59	121.84	98.25	4.41	93.84
RAMP D		585.45	81.58	497.64	462.65	34.99
STAGE 1		962.20	526.44	817.87	83.76	734.11
STAGE 2		896.57	310.00	762.09	34.25	727.83
STAGE 3		64.91	324.96	55.17	1718.97	-1663.80
GRAND TOTAL		**8887.49**	**3716.16**	**7554.36**	**4103.31**	**3451.05**

FILE NAME = I:\7000 - 194 at Ohio Street\CADD\CADD SHEETS\D160F63-SCHEDULES.dgn

COLLINS ENGINEERS INC.

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 2.0000 ' / in.	DRAWN -	REVISED -
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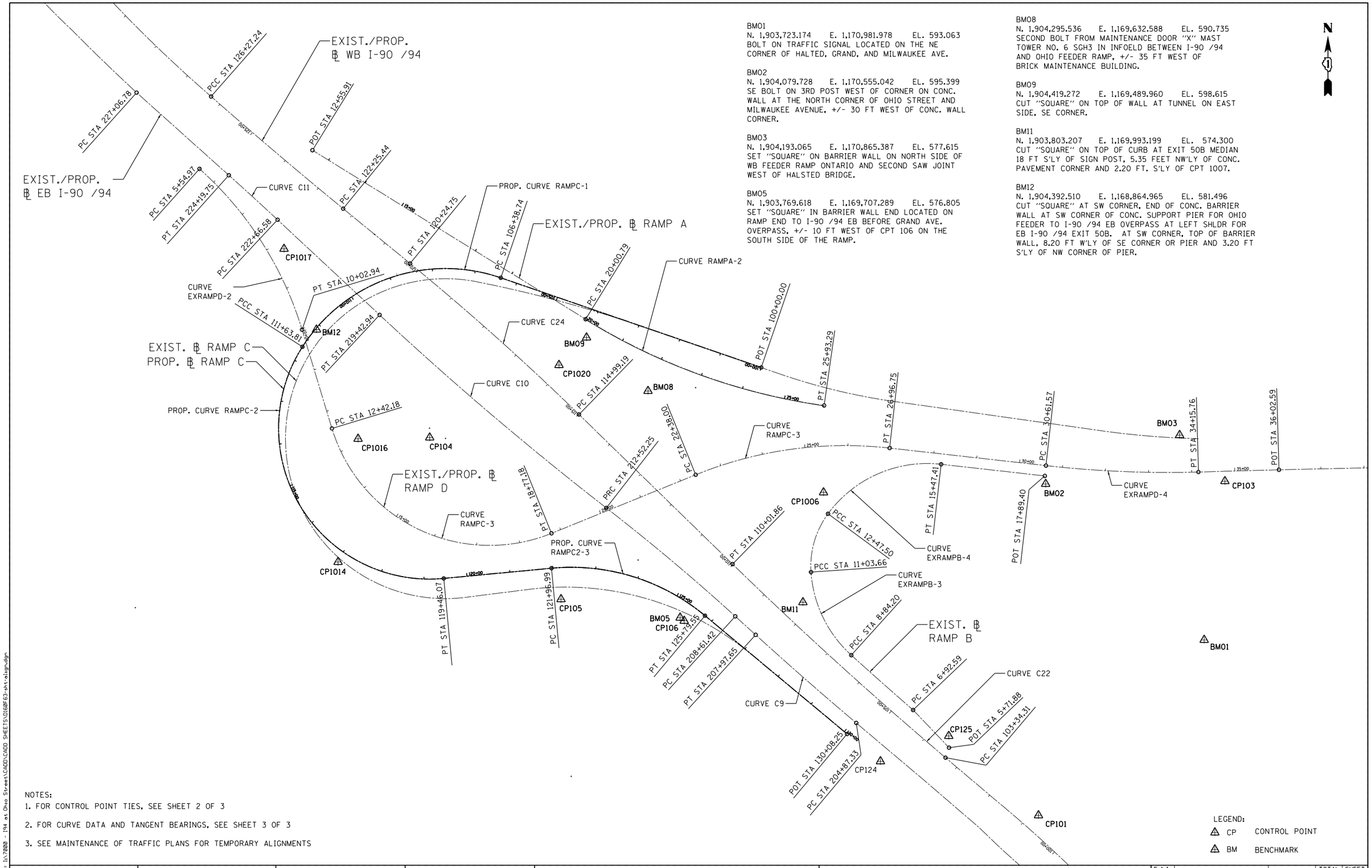
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SCHEDULE OF QUANTITIES

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	36
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



BM01
N. 1,903,723.174 E. 1,170,981.978 EL. 593.063
BOLT ON TRAFFIC SIGNAL LOCATED ON THE NE CORNER OF HALTED, GRAND, AND MILWAUKEE AVE.

BM02
N. 1,904,079.728 E. 1,170,555.042 EL. 595.399
SE BOLT ON 3RD POST WEST OF CORNER ON CONC. WALL AT THE NORTH CORNER OF OHIO STREET AND MILWAUKEE AVENUE, +/- 30 FT WEST OF CONC. WALL CORNER.

BM03
N. 1,904,193.065 E. 1,170,865.387 EL. 577.615
SET "SQUARE" ON BARRIER WALL ON NORTH SIDE OF WB FEEDER RAMP ONTARIO AND SECOND SAW JOINT WEST OF HALSTED BRIDGE.

BM05
N. 1,903,769.618 E. 1,169,707.289 EL. 576.805
SET "SQUARE" IN BARRIER WALL END LOCATED ON RAMP END TO I-90 /94 EB BEFORE GRAND AVE. OVERPASS, +/- 10 FT WEST OF CPT 106 ON THE SOUTH SIDE OF THE RAMP.

BM08
N. 1,904,295.536 E. 1,169,632.588 EL. 590.735
SECOND BOLT FROM MAINTENANCE DOOR "X" MAST TOWER NO. 6 SGH3 IN INFOELD BETWEEN I-90 /94 AND OHIO FEEDER RAMP, +/- 35 FT WEST OF BRICK MAINTENANCE BUILDING.

BM09
N. 1,904,419.272 E. 1,169,489.960 EL. 598.615
CUT "SQUARE" ON TOP OF WALL AT TUNNEL ON EAST SIDE, SE CORNER.

BM11
N. 1,903,803.207 E. 1,169,993.199 EL. 574.300
CUT "SQUARE" ON TOP OF CURB AT EXIT 50B MEDIAN 18 FT S'LY OF SIGN POST, 5.35 FEET NW'LY OF CONC. PAVEMENT CORNER AND 2.20 FT. S'LY OF CPT 1007.

BM12
N. 1,904,392.510 E. 1,168,864.965 EL. 581.496
CUT "SQUARE" AT SW CORNER, END OF CONC. BARRIER WALL AT SW CORNER OF CONC. SUPPORT PIER FOR OHIO FEEDER TO I-90 /94 EB OVERPASS AT LEFT SHLDR FOR EB I-90 /94 EXIT 50B. AT SW CORNER, TOP OF BARRIER WALL, 8.20 FT W'LY OF SE CORNER OR PIER AND 3.20 FT S'LY OF NW CORNER OF PIER.

NOTES:
1. FOR CONTROL POINT TIES, SEE SHEET 2 OF 3
2. FOR CURVE DATA AND TANGENT BEARINGS, SEE SHEET 3 OF 3
3. SEE MAINTENANCE OF TRAFFIC PLANS FOR TEMPORARY ALIGNMENTS

LEGEND:
CP CONTROL POINT
BM BENCHMARK

FILE NAME = i:\7000 - 194 at Ohio Street\CADD\CADD SHEETS\D160F63-sht-align.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 200.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

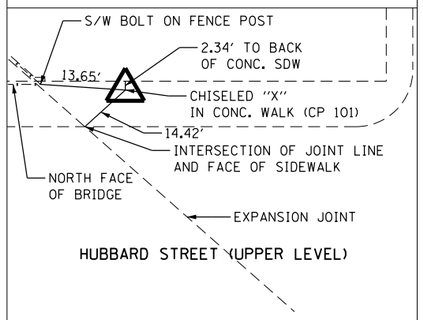
I-90/94 AT OHIO STREET
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: | SHEET NO. 1 OF 3 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	37
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

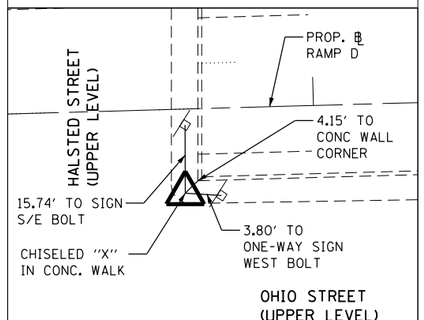
CP 101
CONTROL POINT

N = 1,903,311.135
E = 1,170,538.437
EL. = 595.676



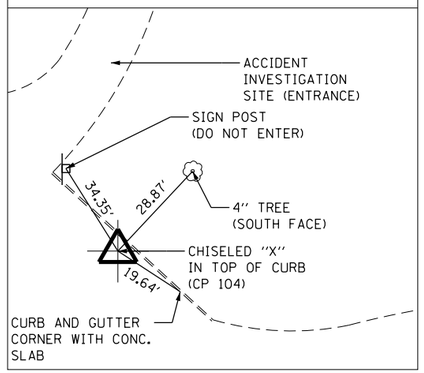
CP 103
CONTROL POINT

N = 1,904,086.137
E = 1,170,970.934
EL. = 597.7910



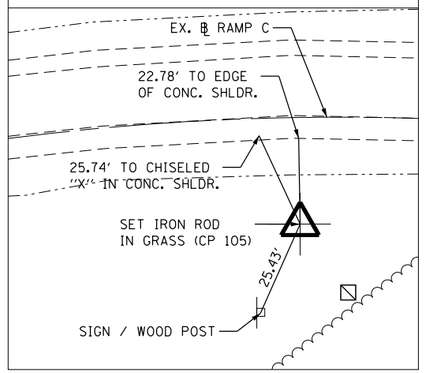
CP 104
CONTROL POINT

N = 1,904,187.282
E = 1,169,126.751
EL. = 582.173



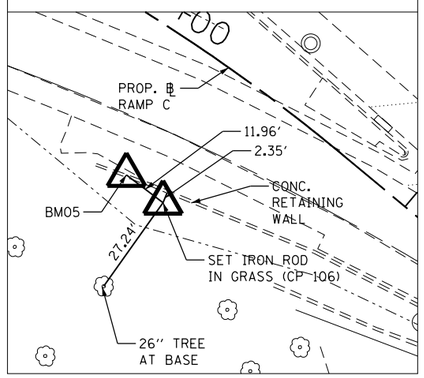
CP 105
CONTROL POINT

N = 1,903,812.338
E = 1,169,431.094
EL. = 579.334



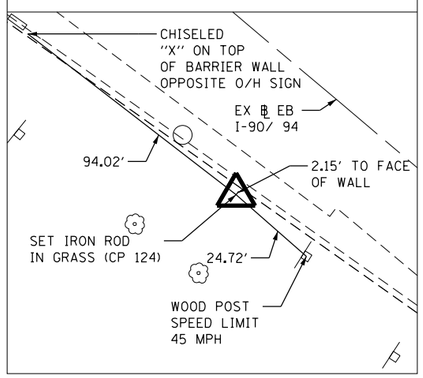
CP 106
CONTROL POINT

N = 1,903,762.265
E = 1,169,716.957
EL. = 576.779



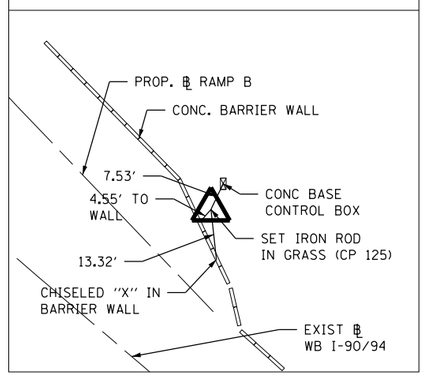
CP 124
CONTROL POINT

N = 1,903,419.055
E = 1,170,185.640
EL. = 576.498



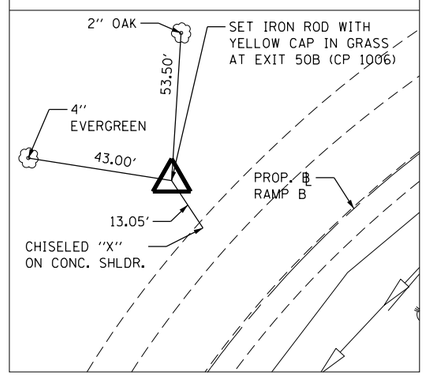
CP 125
CONTROL POINT

N = 1,903,495.181
E = 1,170,330.446
EL. = 579.296



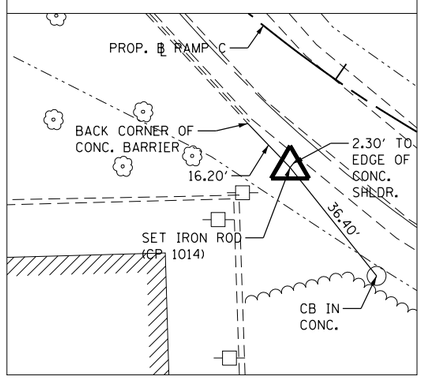
CP 1006
CONTROL POINT

N = 1,904,060.043
E = 1,170,040.084
EL. = 580.085



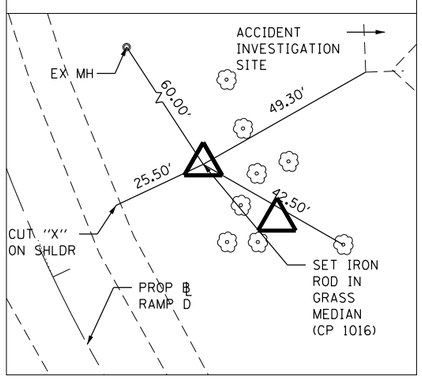
CP 1014
CONTROL POINT

N = 1,903,898.711
E = 1,168,914.150
EL. = 591.953



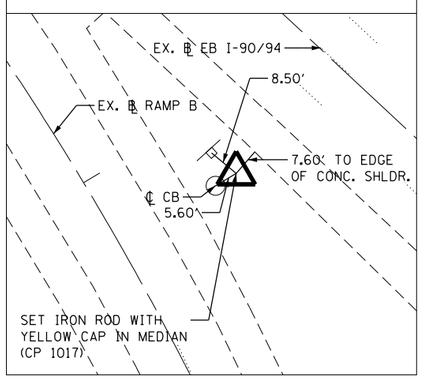
CP 1016
CONTROL POINT

N = 1,904,184.428
E = 1,168,960.557
EL. = 581.775



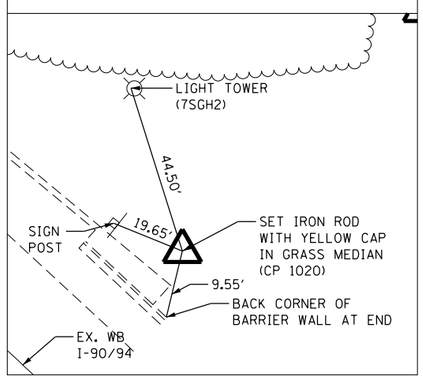
CP 1017
CONTROL POINT

N = 1,904,625.011
E = 1,168,788.802
EL. = 577.943



CP 1020
CONTROL POINT

N = 1,904,355.556
E = 1,169,426.531
EL. = 581.354



FILE NAME = i:\7000 - 194 at Ohio Street\CADD\CADD SHEETS\D160F63-sht-ties.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 40.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: | SHEET NO. 2 OF 3 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	38
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

RAMP B

Point EXRAMPB01 N 1,903,468.1520 E 1,170,331.0608 Sta 5+71.88

Curve EXRAMPB-1
P.I. Station 7+88.40 N 1,903,618.3687 E 1,170,175.4517
Delta = 1°09' 01.77" (RT)
Degree = 0°36' 01.60"
Tangent = 95.8064
Length = 191.6064
Radius = 9,542.2100
External = 0.4809
Long Chord = 191.6032
Mid. Ord. = 0.4809
P.C. Station 6+92.59 N 1,903,555.5039 E 1,170,247.7490
P.T. Station 8+84.20 N 1,903,682.6724 E 1,170,104.4312
Back = N 48°59' 31.26" W
Ahead = N 47°50' 29.48" W
Chord Bear = N 48°25' 00.37" W

Curve EXRAMPB-2
P.I. Station 9+99.65 N 1,903,760.1643 E 1,170,018.8449
Delta = 43°58' 01.21" (RT)
Degree = 20°02' 00.56"
Tangent = 115.4557
Length = 219.4675
Radius = 286.0000
External = 22.4251
Long Chord = 214.1222
Mid. Ord. = 20.7946
P.C. Station 8+84.20 N 1,903,682.6724 E 1,170,104.4312
P.T. Station 11+03.66 N 1,903,875.3562 E 1,170,011.0434
Back = N 47°50' 29.48" W
Ahead = N 3°52' 28.28" W
Chord Bear = N 25°51' 28.88" W

Curve EXRAMPB-3
P.I. Station 11+78.69 N 1,903,950.2086 E 1,170,005.9739
Delta = 40°12' 08.07" (RT)
Degree = 27°56' 56.98"
Tangent = 75.0239
Length = 143.8406
Radius = 205.0000
External = 13.2970
Long Chord = 140.9080
Mid. Ord. = 12.4871
P.C. Station 11+03.66 N 1,903,875.3562 E 1,170,011.0434
P.T. Station 12+47.50 N 1,904,010.6510 E 1,170,050.4183
Back = N 3°52' 28.28" W
Ahead = N 36°19' 39.79" E
Chord Bear = N 16°13' 35.76" E

Curve EXRAMPB-4
P.I. Station 14+12.90 N 1,904,143.8966 E 1,170,148.3962
Delta = 60°04' 50.35" (RT)
Degree = 20°02' 00.56"
Tangent = 165.3907
Length = 299.9011
Radius = 286.0000
External = 44.3787
Long Chord = 286.3486
Mid. Ord. = 38.4174
P.C. Station 12+47.50 N 1,904,010.6510 E 1,170,050.4183
P.T. Station 15+47.41 N 1,904,125.4367 E 1,170,312.7535
Back = N 36°19' 39.79" E
Ahead = S 83°35' 29.86" E
Chord Bear = N 66°22' 04.96" E

Point EXRAMPB02 N 1,904,098.4267 E 1,170,553.2353 Sta 17+89.40

RAMP A

Point 51 N 1,904,853.8190 E 1,168,854.7664 Sta 12+55.91

Course from 51 to 46 S 58°15' 16.47" E Dist 744.8796

Point 46 N 1,904,461.9036 E 1,169,488.2077 Sta 20+00.79

Curve C34
P.I. Station 23+01.33 N 1,904,303.7716 E 1,169,743.7918
Delta = 23°42' 00.31" (LT)
Degree = 4°00' 00.05"
Tangent = 300.5478
Length = 592.5003
Radius = 1,432.3900
External = 31.1913
Long Chord = 588.2853
Mid. Ord. = 30.5265
P.C. Station 20+00.79 N 1,904,461.9036 E 1,169,488.2077
P.T. Station 25+93.29 N 1,904,261.7079 E 1,170,041.3815
C.C. N 1,905,679.9998 E 1,170,241.8540
Back = S 58°15' 16.47" E
Ahead = S 81°57' 16.78" E
Chord Bear = S 70°06' 16.63" E

RAMP C

Point RAMPC200 N 1,904,349.9717 E 1,169,895.5222 Sta 100+00.00

Curve RAMPC2-1
P.I. Station 109+48.55 N 1,904,658.7814 E 1,168,998.6527
Delta = 76°21' 26.62" (LT)
Degree = 14°32' 31.47"
Tangent = 309.8103
Length = 525.0790
Radius = 394.0000
External = 107.2169
Long Chord = 487.0755
Mid. Ord. = 84.2818
P.C. Station 106+38.74 N 1,904,557.9191 E 1,169,291.5848
P.T. Station 111+63.81 N 1,904,397.9039 E 1,168,831.5438
Back = N 71°00' 01.49" W
Ahead = S 32°38' 31.89" W
Chord Bear = S 70°49' 15.20" W

Curve RAMPC2-2
P.I. Station 118+82.33 N 1,903,792.8734 E 1,168,443.9826
Delta = 128°03' 25.89" (LT)
Degree = 16°22' 12.80"
Tangent = 718.5163
Length = 782.2569
Radius = 350.0000
External = 449.2282
Long Chord = 629.3089
Mid. Ord. = 196.7271
P.C. Station 111+63.81 N 1,904,397.9039 E 1,168,831.5438
P.T. Station 119+46.07 N 1,903,860.6790 E 1,169,159.2923
Back = S 32°38' 31.89" W
Ahead = N 84°35' 06.00" E
Chord Bear = S 31°23' 11.05" E

Curve RAMPC2-3
P.I. Station 123+98.85 N 1,903,903.4069 E 1,169,610.0462
Delta = 45°11' 34.75" (RT)
Degree = 11°48' 48.83"
Tangent = 201.8512
Length = 382.5517
Radius = 485.0000
External = 40.3274
Long Chord = 372.7116
Mid. Ord. = 37.2316
P.C. Station 121+96.99 N 1,903,884.3584 E 1,169,409.0958
P.T. Station 125+79.55 N 1,903,774.2596 E 1,169,765.1748
Back = N 84°35' 06.00" E
Ahead = S 50°13' 19.25" E
Chord Bear = S 72°49' 06.63" E

Point RAMPC204 N 1,903,499.9697 E 1,170,094.6450 Sta 130+08.25

RAMP D

Curve EXRAMPD-1
P.I. Station 7+84.71 N 1,904,657.4188 E 1,168,764.0847
Delta = 31°20' 21.10" (RT)
Degree = 6°59' 44.96"
Tangent = 229.7417
Length = 447.9702
Radius = 819.0000
External = 31.6129
Long Chord = 442.4067
Mid. Ord. = 30.4380
P.C. Station 5+54.97 N 1,904,810.6014 E 1,168,592.8646
P.T. Station 10+02.94 N 1,904,437.5328 E 1,168,830.6534
Back = S 48°10' 56.90" E
Ahead = S 16°50' 35.80" E
Chord Bear = S 32°30' 46.35" E

Curve EXRAMPD-2
P.I. Station 16+60.86 N 1,903,807.8345 E 1,169,021.2897
Delta = 95°15' 04.15" (LT)
Degree = 15°00' 00.26"
Tangent = 418.6857
Length = 635.0046
Radius = 381.9700
External = 184.7740
Long Chord = 564.3655
Mid. Ord. = 124.5327
P.C. Station 12+42.18 N 1,904,208.5590 E 1,168,899.9735
P.T. Station 18+77.18 N 1,903,965.3165 E 1,169,409.2293
Back = S 16°50' 35.80" E
Ahead = N 67°54' 20.05" E
Chord Bear = S 64°28' 07.88" E

Curve EXRAMPD-3
P.I. Station 24+72.23 N 1,904,189.1339 E 1,169,960.5787
Delta = 28°30' 02.82" (RT)
Degree = 6°12' 45.87"
Tangent = 234.2233
Length = 458.7472
Radius = 922.2300
External = 29.2787
Long Chord = 454.0321
Mid. Ord. = 28.3777
P.C. Station 22+38.00 N 1,904,101.0345 E 1,169,743.5556
P.T. Station 26+96.75 N 1,904,162.9995 E 1,170,193.3394
Back = N 67°54' 20.05" E
Ahead = S 83°35' 37.13" E
Chord Bear = N 82°09' 21.46" E

Curve EXRAMPD-4
P.I. Station 32+38.95 N 1,904,102.5016 E 1,170,732.1514
Delta = 8°00' 06.19" (LT)
Degree = 2°15' 32.99"
Tangent = 177.3831
Length = 354.1894
Radius = 2,536.1500
External = 6.1957
Long Chord = 353.9017
Mid. Ord. = 6.1806
P.C. Station 30+61.57 N 1,904,122.2938 E 1,170,555.8759
P.T. Station 34+15.76 N 1,904,107.4401 E 1,170,909.4657
Back = S 83°35' 37.13" E
Ahead = N 88°24' 16.68" E
Chord Bear = S 87°35' 40.23" E

Point EXRAMPD02 N 1,904,112.6416 E 1,171,096.2260 Sta 36+02.59

EB I-90/94

Point 14 N 1,903,525.4085 E 1,170,115.9159 Sta 204+87.33

Curve C9
P.I. Station 206+42.50 N 1,903,625.5588 E 1,169,997.3871
Delta = 2°04' 07.58" (RT)
Degree = 0°40' 00.00"
Tangent = 155.1747
Length = 310.3156
Radius = 8,594.3600
External = 1.4008
Long Chord = 310.2988
Mid. Ord. = 1.4005
P.C. Station 204+87.33 N 1,903,525.4085 E 1,170,115.9159
P.T. Station 207+97.65 N 1,903,729.9227 E 1,169,882.5509
Back = N 49°48' 14.44" W
Ahead = N 47°44' 06.86" W
Chord Bear = N 48°46' 10.65" W

Point 15 N 1,903,729.9227 E 1,169,882.5509 Sta 207+97.65

Course from 15 to 16 N 47°44' 06.86" W Dist 63.7749

Point 16 N 1,903,772.8150 E 1,169,835.3546 Sta 208+61.42

Curve C10
P.I. Station 210+56.93 N 1,903,904.3071 E 1,169,690.6680
Delta = 4°26' 26.41" (LT)
Degree = 1°08' 10.42"
Tangent = 195.5106
Length = 390.8254
Radius = 5,042.6300
External = 3.7887
Long Chord = 390.7276
Mid. Ord. = 3.7859
P.C. Station 208+61.42 N 1,903,772.8150 E 1,169,835.3546
P.T. Station 212+52.25 N 1,904,024.2019 E 1,169,536.2348
Back = N 47°44' 06.86" W
Ahead = N 52°10' 33.26" W
Chord Bear = N 49°57' 20.06" W

Curve Data

Curve C11
P.I. Station 215+97.83 N 1,904,236.1261 E 1,169,263.2607
Delta = 5°10' 48.69" (RT)
Degree = 0°45' 00.00"
Tangent = 345.5817
Length = 690.6925
Radius = 7,639.4400
External = 7.8125
Long Chord = 690.4573
Mid. Ord. = 7.8045
P.C. Station 212+52.25 N 1,904,024.2019 E 1,169,536.2348
P.T. Station 219+42.94 N 1,904,471.8312 E 1,169,010.5359
Back = N 52°10' 33.26" W
Ahead = N 46°59' 44.57" W
Chord Bear = N 49°35' 08.92" W

Point 18 N 1,904,692.5726 E 1,168,773.8552 Sta 222+66.58

Curve C12
P.I. Station 223+43.17 N 1,904,744.8088 E 1,168,717.8471
Delta = 1°09' 06.24" (LT)
Degree = 0°45' 06.98"
Tangent = 76.5868
Length = 153.1684
Radius = 7,619.7300
External = 0.3849
Long Chord = 153.1658
Mid. Ord. = 0.3849
P.C. Station 222+66.58 N 1,904,692.5726 E 1,168,773.8552
P.T. Station 224+19.75 N 1,904,795.9088 E 1,168,660.8004
Back = N 46°59' 44.57" W
Ahead = N 48°08' 50.82" W
Chord Bear = N 47°34' 17.69" W

WB I-90/94

Point 22 N 1,903,444.9917 E 1,170,322.9009 Sta 103+34.31

Curve C22
P.I. Station 106+68.10 N 1,903,660.8258 E 1,170,068.1275
Delta = 3°59' 38.42" (RT)
Degree = 0°35' 53.93"
Tangent = 333.9070
Length = 667.5435
Radius = 9,576.2100
External = 5.8196
Long Chord = 667.4084
Mid. Ord. = 5.8161
P.C. Station 103+34.19 N 1,903,444.9917 E 1,170,322.9009
P.T. Station 110+01.74 N 1,903,893.8813 E 1,169,829.0061
Back = N 49°43' 48.08" W
Ahead = N 45°44' 09.66" W
Chord Bear = N 47°43' 58.87" W

Point 23 N 1,903,893.8813 E 1,169,829.0061 Sta 110+01.74

Course from 23 to 24 N 45°44' 09.66" W Dist 497.3372

Point 24 N 1,904,241.0054 E 1,169,472.8472 Sta 114+99.07

Curve C23
P.I. Station 117+62.01 N 1,904,424.5288 E 1,169,284.5471
Delta = 4°55' 56.47" (LT)
Degree = 0°56' 18.60"
Tangent = 262.9406
Length = 525.5565
Radius = 6,105.0300
External = 5.6597
Long Chord = 525.3942
Mid. Ord. = 5.6545
P.C. Station 114+99.07 N 1,904,241.0054 E 1,169,472.8472
P.T. Station 120+24.63 N 1,904,591.1827 E 1,169,081.1651
Back = N 45°44' 09.66" W
Ahead = N 50°40' 06.14" W
Chord Bear = N 48°12' 07.90" W

Point 25 N 1,904,591.1827 E 1,169,081.1651 Sta 120+24.63

Course from 25 to 26 N 50°40' 06.14" W Dist 200.6878

Point 26 N 1,904,718.3803 E 1,168,925.9349 Sta 122+25.32

Curve C24
P.I. Station 124+26.24 N 1,904,845.7266 E 1,168,770.5232
Delta = 2°00' 32.48" (RT)
Degree = 0°30' 00.00"
Tangent = 200.9226
Length = 401.8041
Radius = 11,459.1500
External = 1.7613
Long Chord = 401.7835
Mid. Ord. = 1.7611
P.C. Station 122+25.44 N 1,904,718.3803 E 1,168,925.9349
P.T. Station 126+27.24 N 1,904,978.4429 E 1,168,619.6714
Back = N 50°40' 06.14" W
Ahead = N 48°39' 33.66" W
Chord Bear = N 49°39' 49.90" W

FILE NAME = I:\7000 - I94 at Ohio Street\CADD\CADD SHEETS\D160F63-aht-alignd.gn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 200.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
ALIGNMENT, TIES, AND BENCHMARKS

SCALE: | SHEET NO. 3 OF 3 SHEETS | STA. | TO STA.

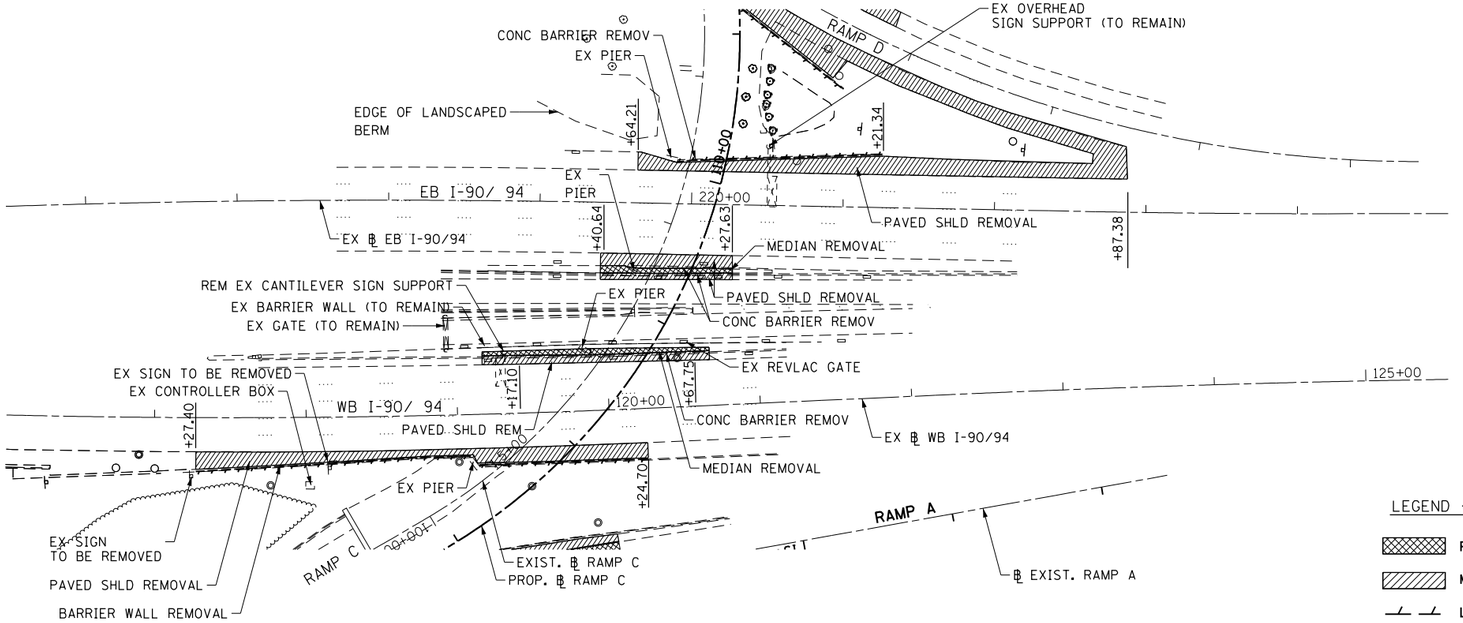
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	39
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

REMOVAL NOTES:

1. SEE STRUCTURE PLANS FOR REMOVALS ON STRUCTURE.
2. SEE DRAINAGE AND UTILITY PLANS FOR REMOVAL OF DRAINAGE RELATED ITEMS.
3. REMOVAL OF SIGN PANEL ASSEMBLY, TYPE A OR TYPE B INCLUDES THE REMOVAL OF THE EXISTING SIGN PANEL.

ELECTRICAL NOTES:

1. THE CONTRACTOR SHALL TAKE CARE DURING PAVED SHOULDER REMOVAL, BARRIER WALL REMOVAL, AND PAVEMENT REMOVAL NOT TO DAMAGE ANY EXISTING LIGHTING RUNS WITHIN THE PROJECT LIMITS. IF THE CONTRACTOR DAMAGES ANY PART OF THE EXISTING LIGHTING SYSTEM, THE CONTRACTOR IS RESPONSIBLE FOR THE TIMELY REPAIR. THE CONTRACTOR SHALL REPLACE THE EXISTING EQUIPMENT IN KIND TO THE SATISFACTION OF THE ENGINEER AT NO EXTRA COST TO THE CONTRACT.
2. THE CONTRACTOR SHALL REMOVE THE EXISTING SIGN LUMINAIRES FROM THE EXISTING CANTILEVER SIGN SUPPORT AS PART OF THE REMOVE EXISTING OVERHEAD SIGN STRUCTURE PAY ITEM.
3. THE CONTRACTOR SHALL DISCONNECT AND REMOVE THE ELECTRIC CONNECTION TO THE SIGN STRUCTURE INCLUDING THE DISCONNECT SWITCH, JUNCTION BOX, CONDUIT, CABLE, AND FITTINGS. THIS WORK SHALL BE INCLUDED IN THE REMOVAL OF ELECTRIC CONNECTION TO SIGN STRUCTURE PAY ITEM.
4. THE CONTRACTOR SHALL ENSURE THAT THE SIGN REMOVAL WORK DOES NOT DAMAGE ANY PORTION OF THE EXISTING LIGHTING SYSTEM TO REMAIN OR CAUSE DAMAGE TO THE EXISTING REVLAC SYSTEM OR SURVEILLANCE EQUIPMENT. IF THE CONTRACTOR DAMAGES ANY PART OF THE EXISTING LIGHTING SYSTEM, REVLAC, OR SURVEILLANCE SYSTEM, THE CONTRACTOR IS RESPONSIBLE FOR THE TIMELY REPAIR. THE CONTRACTOR IS RESPONSIBLE TO REPLACE THE EQUIPMENT IN KIND TO THE SATISFACTION OF THE ENGINEER AT NO ADDITIONAL COST TO THE CONTRACT.



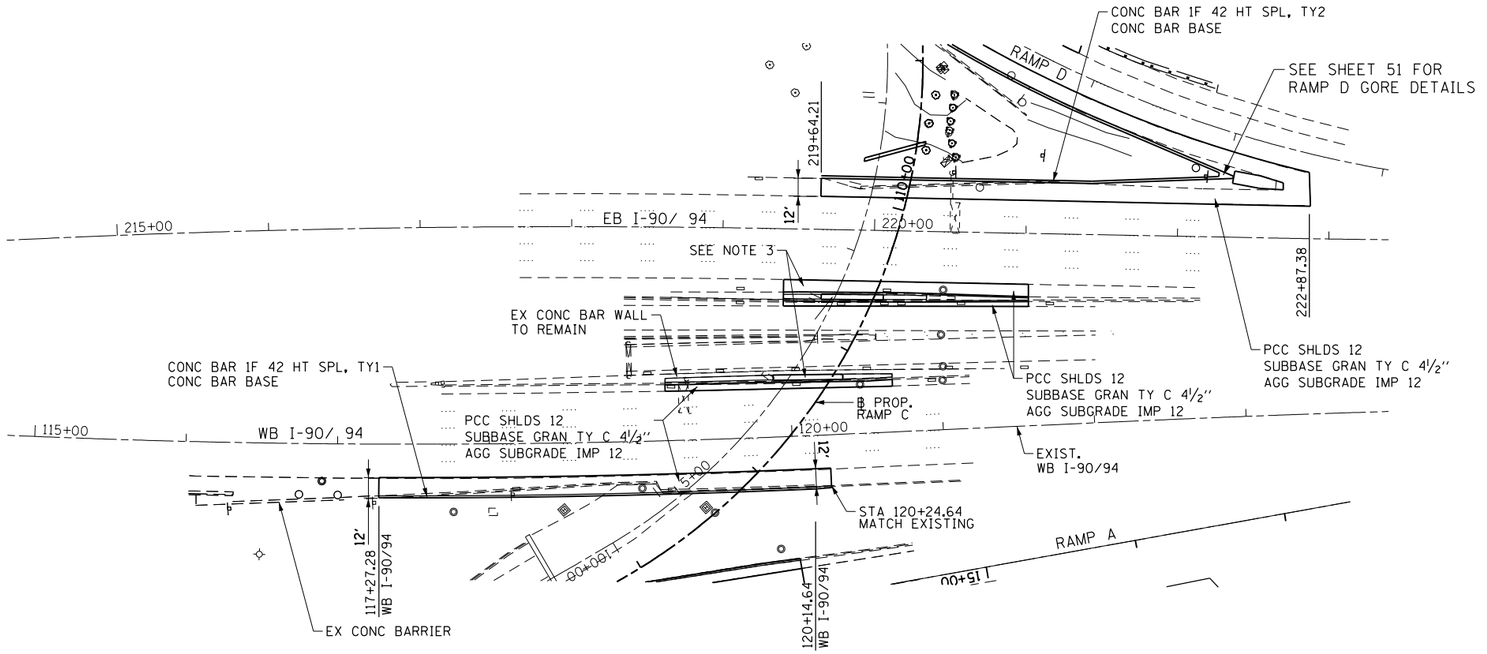
EXISTING PLAN

LEGEND - REMOVAL

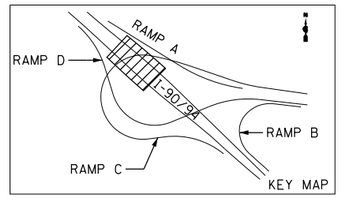
- PAVEMENT REMOVAL
- MEDIAN / SHOULDER REMOVAL
- LINEAR REMOVAL
- ⊗10 TREE REMOVAL (SIZE IN UNITS)
- TREE TRUNK PROTECTION

NOTES:

1. DELINEATORS SHALL BE PLACED ALONG THE RAMPS PER STANDARD 635001 SPACED 100 FT ON CENTERS.
2. SEE CONCRETE BARRIER TRANSITION DETAIL SHEET FOR ADDITIONAL DETAILS ADJACENT TO PIER 1 AND PIER 2.
3. SHOULDER RUMBLE STRIPS, 16" SHALL BE PLACED ALONG FAI 90/ 94 PER STANDARD 642001 ON ALL NEW SHOULDERS AND IN ALL AREAS WHERE THEY ARE REMOVED FOR MAINTENANCE OF TRAFFIC OPERATIONS. THIS WORK SHALL BE PAID FOR AS SHOULDER RUMBLE STRIPS, 16".



PROPOSED PLAN



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COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 100.000000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 (KENNEDY EXPRESSWAY)
EXISTING AND PROPOSED PLAN

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

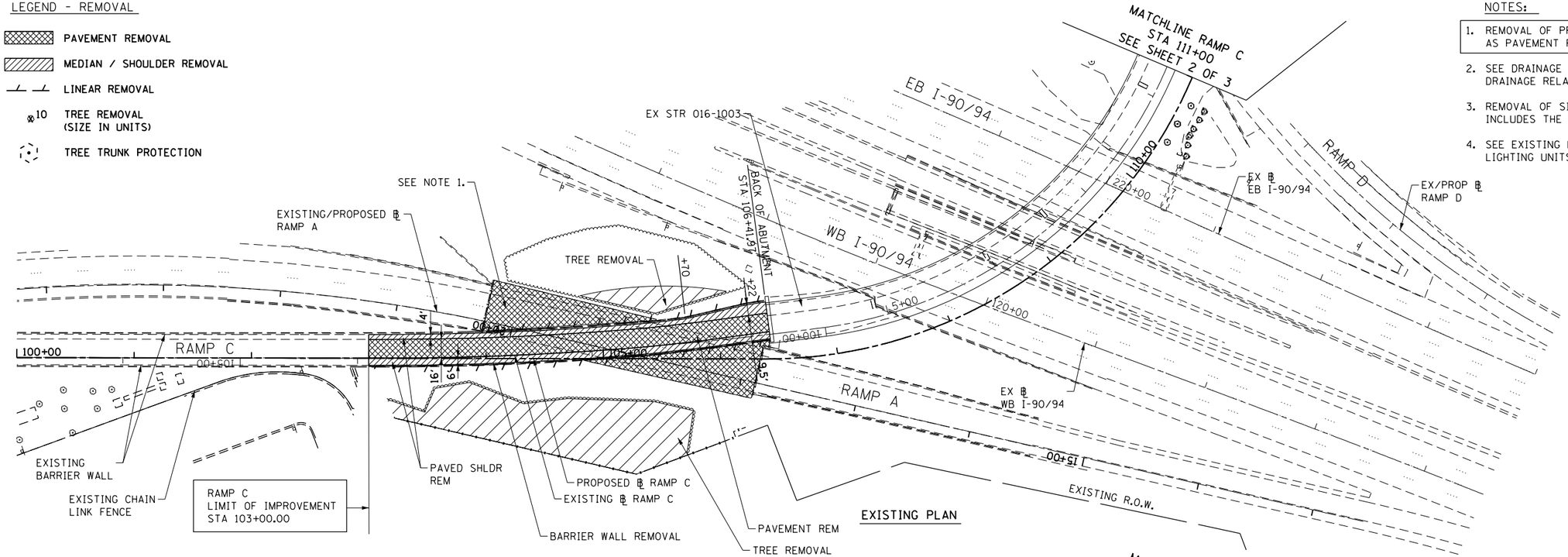
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	40
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

LEGEND - REMOVAL

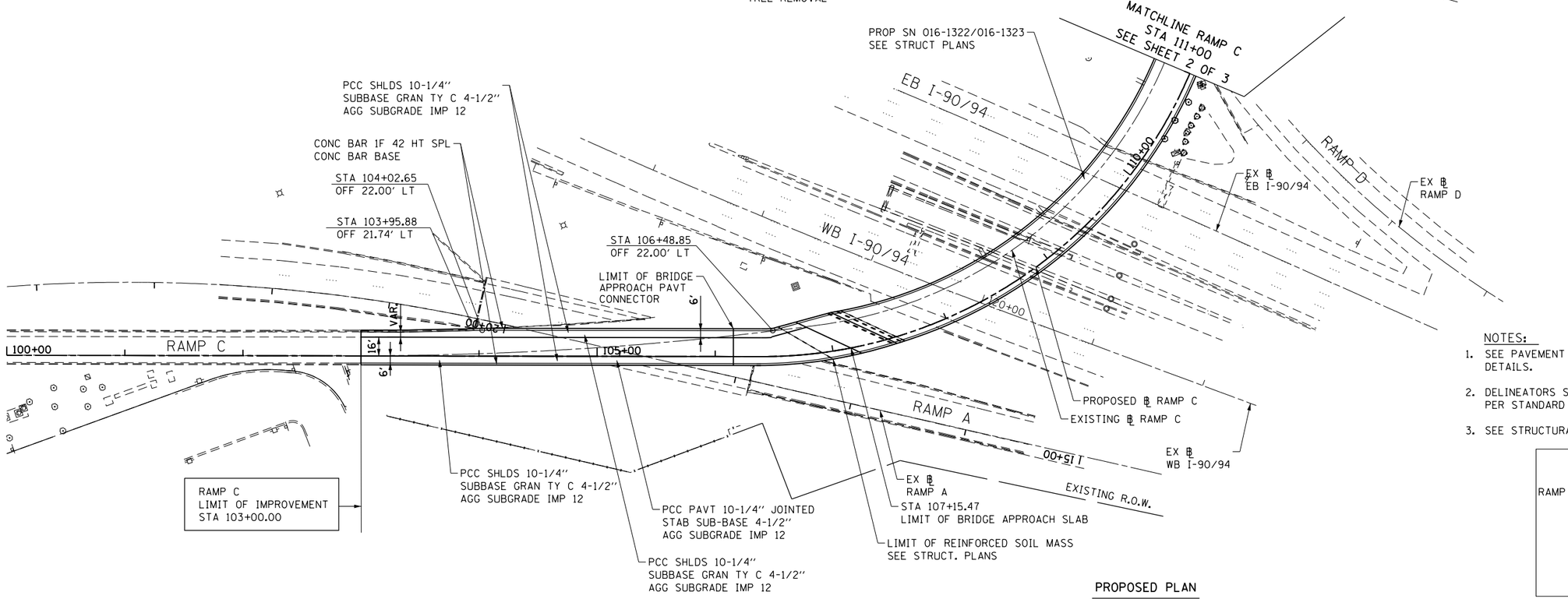
- PAVEMENT REMOVAL
- MEDIAN / SHOULDER REMOVAL
- LINEAR REMOVAL
- 10 TREE REMOVAL (SIZE IN UNITS)
- TREE TRUNK PROTECTION

NOTES:

1. REMOVAL OF PROTECTIVE PCC SLAB TO BE PAID FOR AS PAVEMENT REMOVAL.
2. SEE DRAINAGE AND UTILITY PLANS FOR REMOVAL OF DRAINAGE RELATED ITEMS.
3. REMOVAL OF SIGN PANEL ASSEMBLY, TYPE A OR TYPE B INCLUDES THE REMOVAL OF THE EXISTING SIGN PANEL.
4. SEE EXISTING LIGHTING PLAN FOR REMOVAL OF EXISTING LIGHTING UNITS.



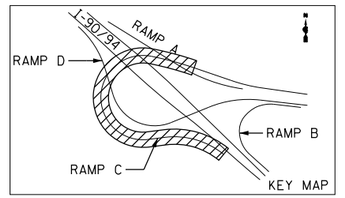
EXISTING PLAN



PROPOSED PLAN

NOTES:

1. SEE PAVEMENT JOINTING PLAN FOR ADDITIONAL DETAILS.
2. DELINEATORS SHALL BE PLACED ALONG THE RAMPS PER STANDARD 635001 SPACED 100 FT ON CENTERS.
3. SEE STRUCTURAL SHEETS FOR ANCHORAGE SLAB DETAILS.



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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

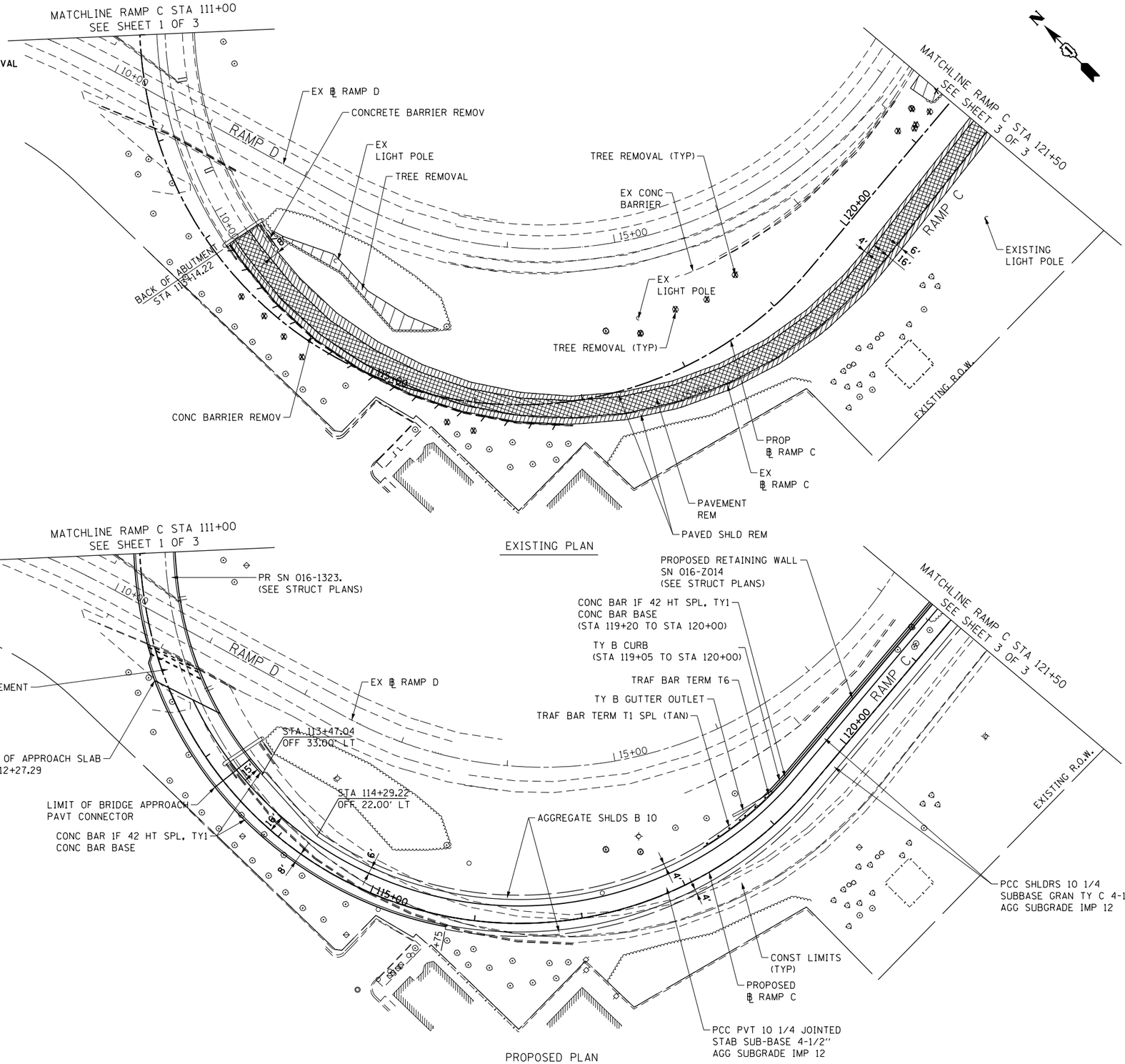
RAMP C
EXISTING AND PROPOSED PLAN

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	41
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

LEGEND - REMOVAL

- PAVEMENT REMOVAL
- MEDIAN / SHOULDER REMOVAL
- LINEAR REMOVAL
- 10 TREE REMOVAL (SIZE IN UNITS)
- TREE TRUNK PROTECTION

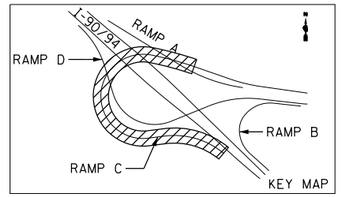


NOTES:

1. SEE STRUCTURE PLANS FOR REMOVALS ON STRUCTURE.
2. SEE DRAINAGE AND UTILITY PLANS FOR REMOVAL OF DRAINAGE RELATED ITEMS.
3. REMOVAL OF SIGN PANEL ASSEMBLY, TYPE A OR TYPE B INCLUDES THE REMOVAL OF THE EXISTING SIGN PANEL.
4. SEE EXISTING LIGHTING PLAN FOR REMOVAL OF EXISTING LIGHTING UNITS.
5. THE CONTRACTOR SHALL BE ADVISED THE INTERCHANGE CONTAINS AN EXISTING IRRIGATION SYSTEM. CARE SHALL BE TAKEN NOT TO DISTURB THE VALVES, PIPES, FITTINGS, ETC. OUTSIDE THE LIMITS OF CONSTRUCTION DURING REMOVAL OPERATIONS. SEE IRRIGATION PLANS FOR RESTORATION DETAILS.

NOTES:

1. SEE PAVEMENT JOINTING PLAN FOR ADDITIONAL DETAILS.
2. DELINEATORS SHALL BE PLACED ALONG THE RAMPS PER STANDARD 635001 SPACED 100 FT ON CENTERS.
3. SEE STRUCTUAL PLANS FOR ANCHORAGE SLAB DETAILS.



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COLLINS ENGINEERS INC

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PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

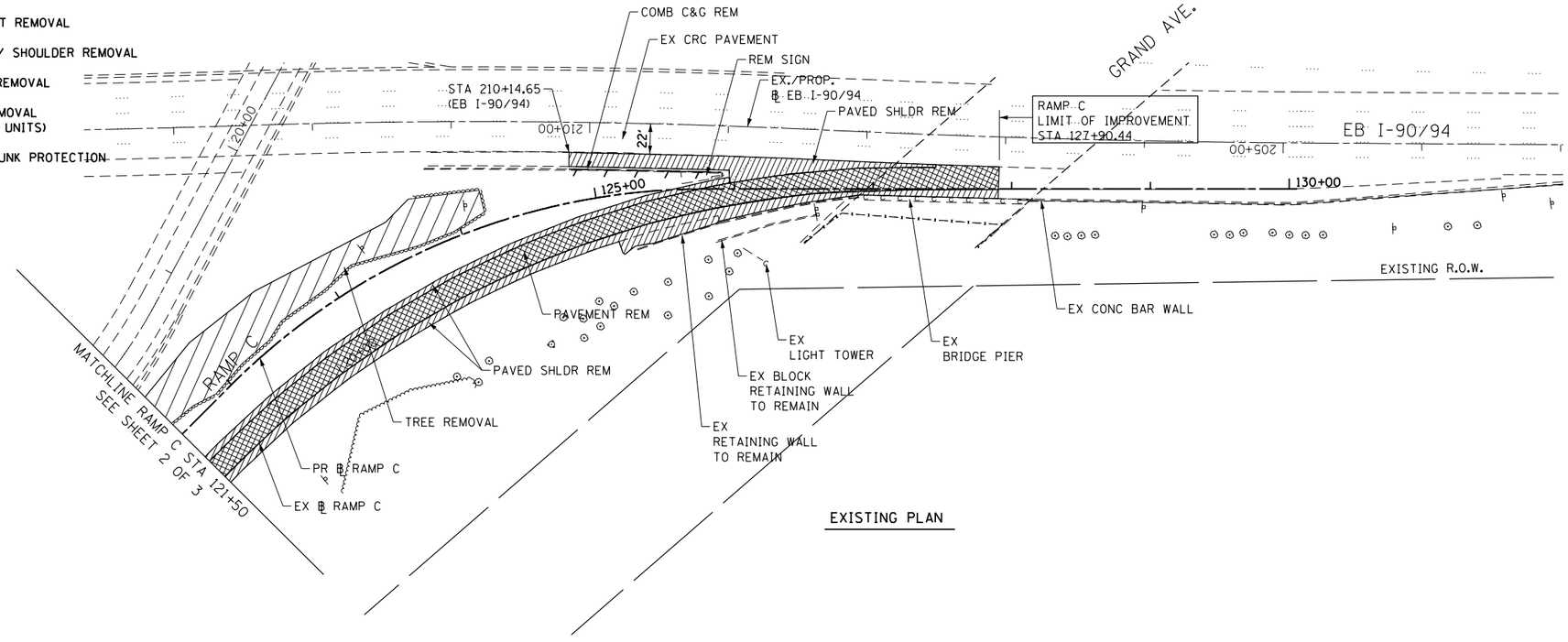
RAMP C
EXISTING AND PROPOSED PLAN

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	42
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

LEGEND - REMOVAL

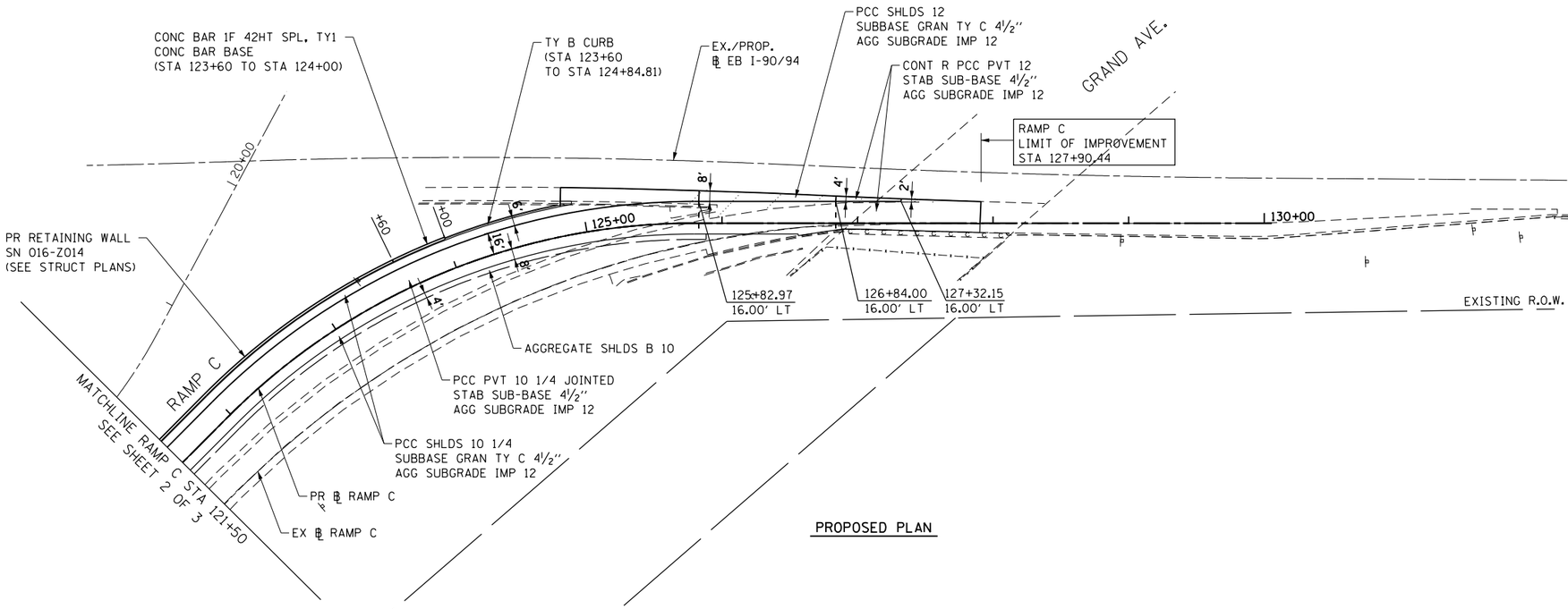
- PAVEMENT REMOVAL
- MEDIAN / SHOULDER REMOVAL
- LINEAR REMOVAL
- 10 TREE REMOVAL (SIZE IN UNITS)
- TREE TRUNK PROTECTION



EXISTING PLAN

NOTES:

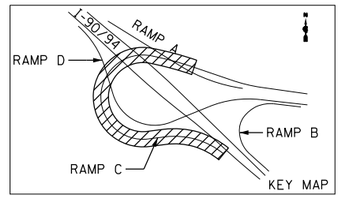
1. SEE STRUCTURE PLANS FOR REMOVALS ON STRUCTURE.
2. SEE DRAINAGE AND UTILITY PLANS FOR REMOVAL OF DRAINAGE RELATED ITEMS.
3. REMOVAL OF SIGN PANEL ASSEMBLY, TYPE A OR TYPE B INCLUDES THE REMOVAL OF THE EXISTING SIGN PANEL.
4. SEE EXISTING LIGHTING PLAN FOR REMOVAL OF EXISTING LIGHTING UNITS.



PROPOSED PLAN

NOTES:

1. SEE PAVEMENT JOINTING PLAN FOR ADDITIONAL DETAILS.
2. DELINEATORS SHALL BE PLACED ALONG THE RAMPS PER STANDARD 635001 SPACED 100 FT ON CENTERS.
3. SEE STANDARD 420206 FOR ADDITIONAL ENTRANCE RAMP DETAILS.



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COLLINS ENGINEERS INC

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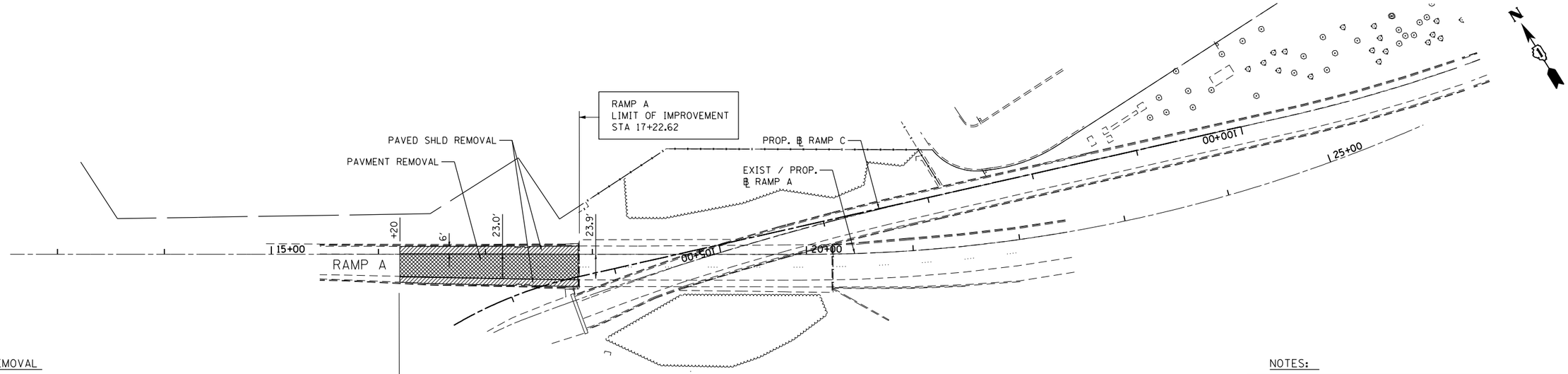
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP C
EXISTING AND PROPOSED PLAN

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	43
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



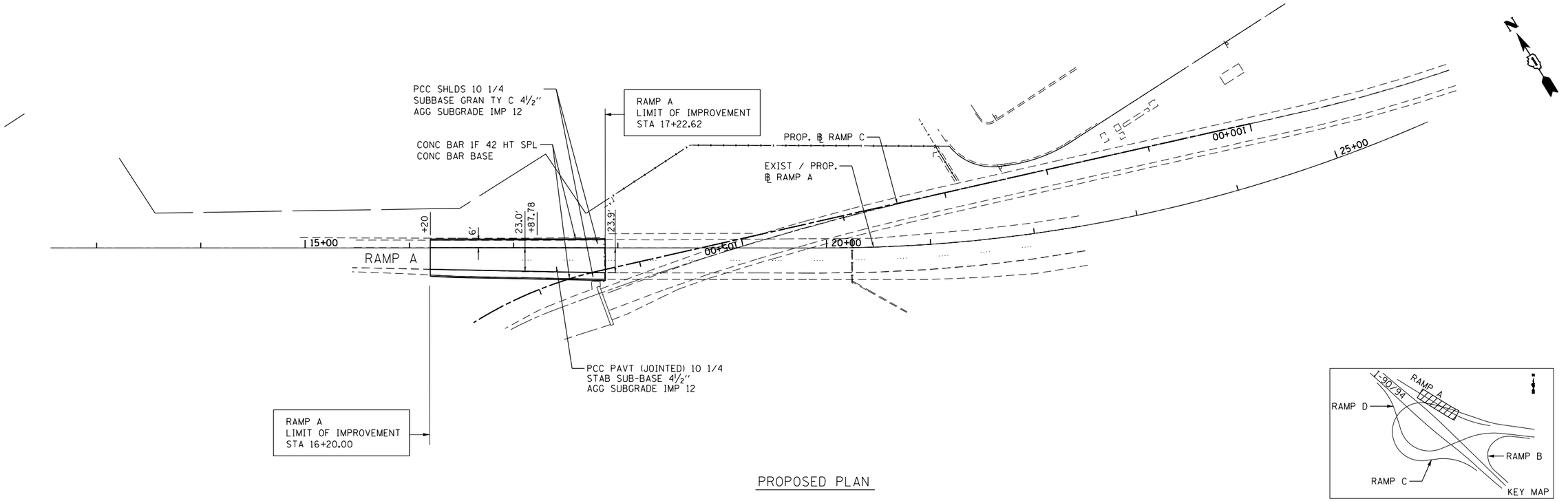
LEGEND - REMOVAL

- PAVEMENT REMOVAL
- MEDIAN / SHOULDER REMOVAL
- LINEAR REMOVAL
- ⊗10 TREE REMOVAL (SIZE IN UNITS)
- TREE TRUNK PROTECTION

EXISTING PLAN

NOTES:

1. REMOVAL OF PROTECTIVE PCC SLAB TO BE PAID FOR AS PAVEMENT REMOVAL.
2. SEE DRAINAGE AND UTILITY PLANS FOR REMOVAL OF DRAINAGE RELATED ITEMS.
3. REMOVAL OF SIGN PANEL ASSEMBLY, TYPE A OR TYPE B INCLUDES THE REMOVAL OF THE EXISTING SIGN PANEL.
4. SEE EXISTING LIGHTING PLAN FOR REMOVAL OF EXISTING LIGHTING UNITS.



PROPOSED PLAN

FILE NAME = I:\7000 - 194 at Ohio Street\CADD\CADD SHEETS\D160F63-PNP_Ramp A.dgn

COLLINS ENGINEERS INC.

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 100.000000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP A
EXISTING AND PROPOSED PLAN

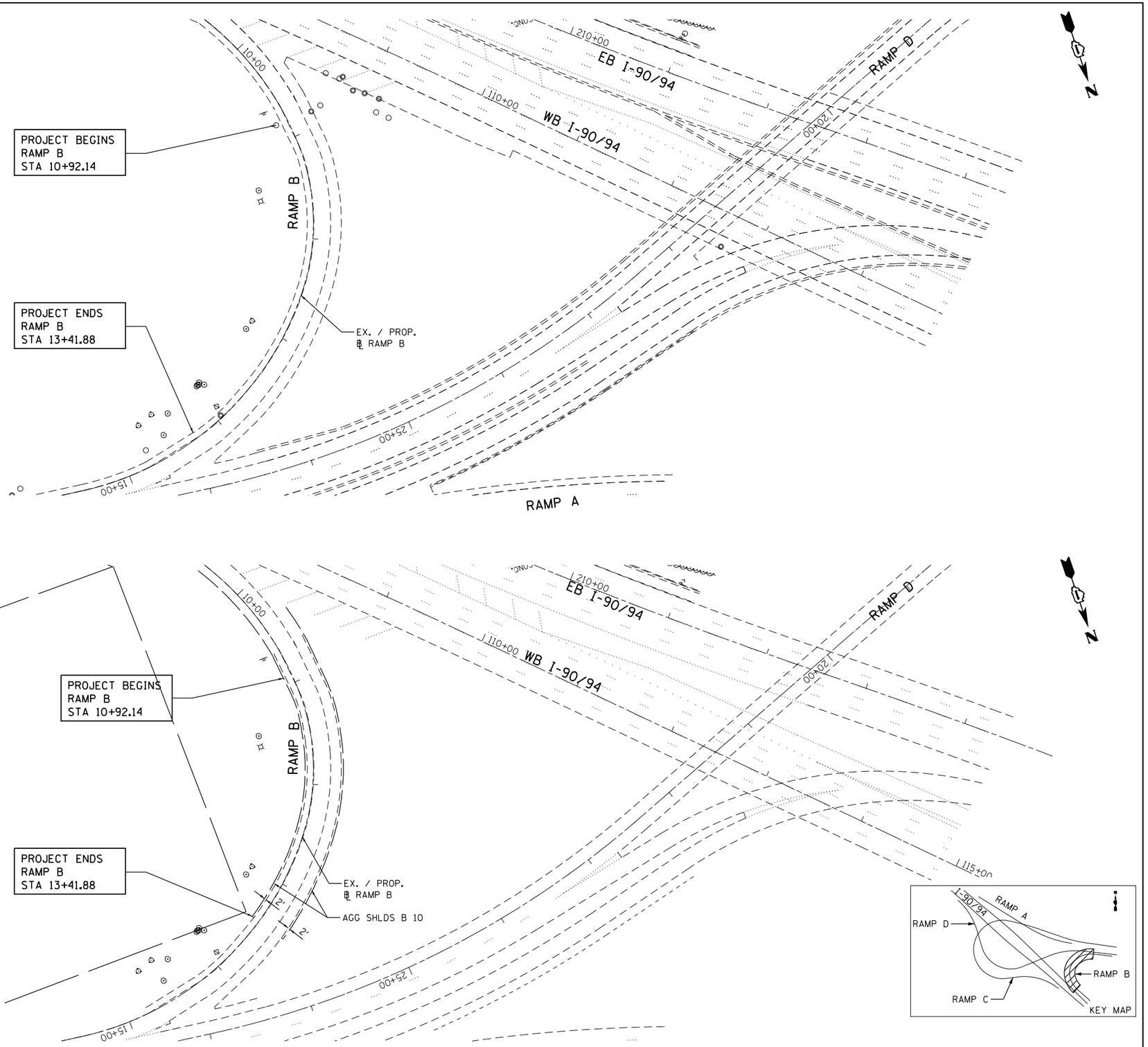
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	44
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

LEGEND - REMOVAL

- PAVEMENT REMOVAL
- MEDIAN / SHOULDER REMOVAL
- LINEAR REMOVAL
- 10 TREE REMOVAL (SIZE IN UNITS)
- TREE TRUNK PROTECTION



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COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 100.000000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

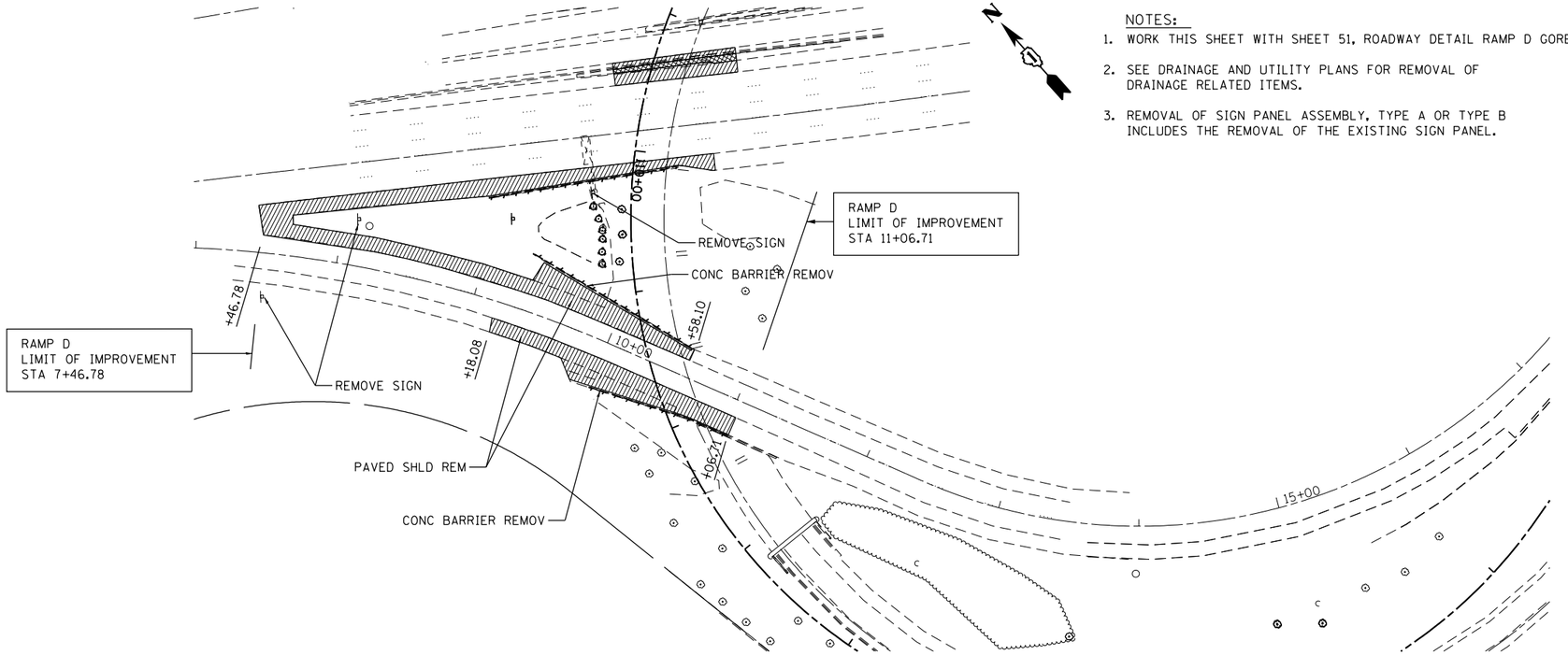
RAMP B
EXISTING AND PROPOSED PLAN

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	45
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

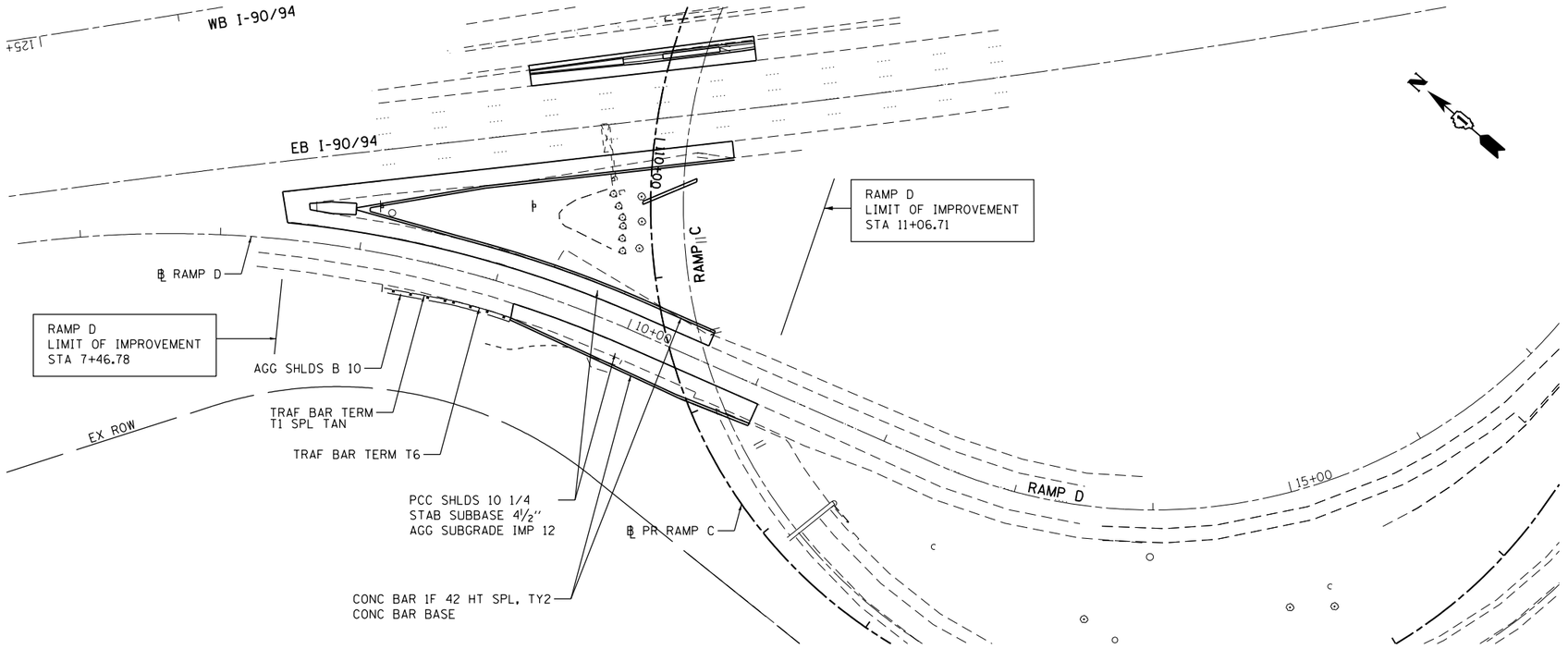
LEGEND - REMOVAL

- PAVEMENT REMOVAL
- MEDIAN / SHOULDER REMOVAL
- LINEAR REMOVAL
- ⊗10 TREE REMOVAL (SIZE IN UNITS)
- TREE TRUNK PROTECTION



NOTES:

1. WORK THIS SHEET WITH SHEET 51, ROADWAY DETAIL RAMP D GORE.
2. SEE DRAINAGE AND UTILITY PLANS FOR REMOVAL OF DRAINAGE RELATED ITEMS.
3. REMOVAL OF SIGN PANEL ASSEMBLY, TYPE A OR TYPE B INCLUDES THE REMOVAL OF THE EXISTING SIGN PANEL.



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COLLINS ENGINEERS INC

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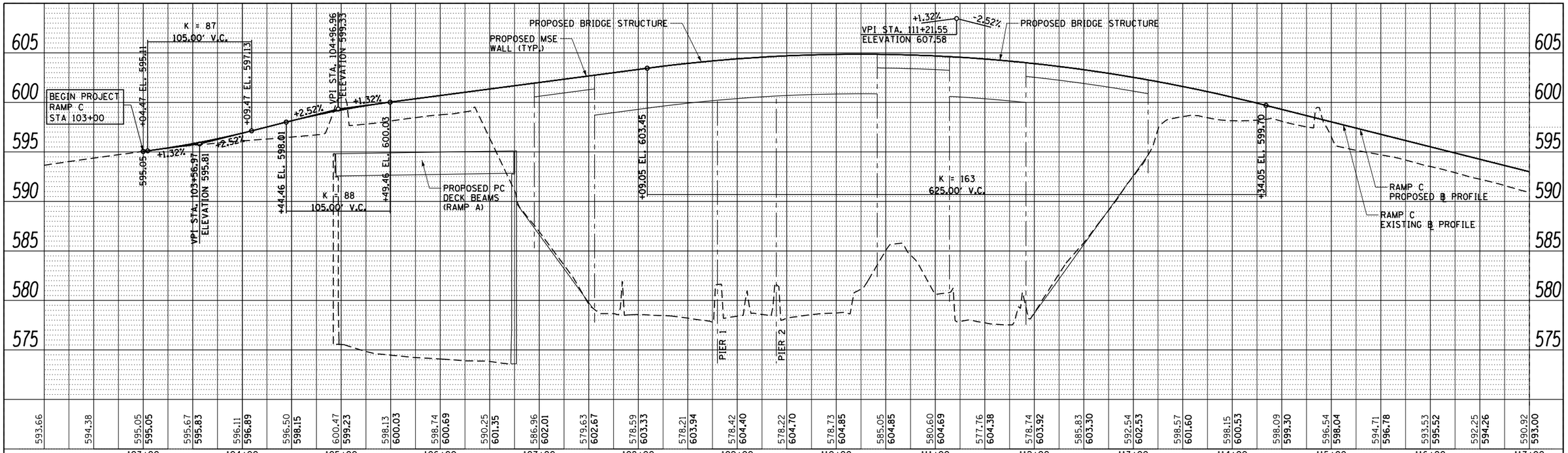
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

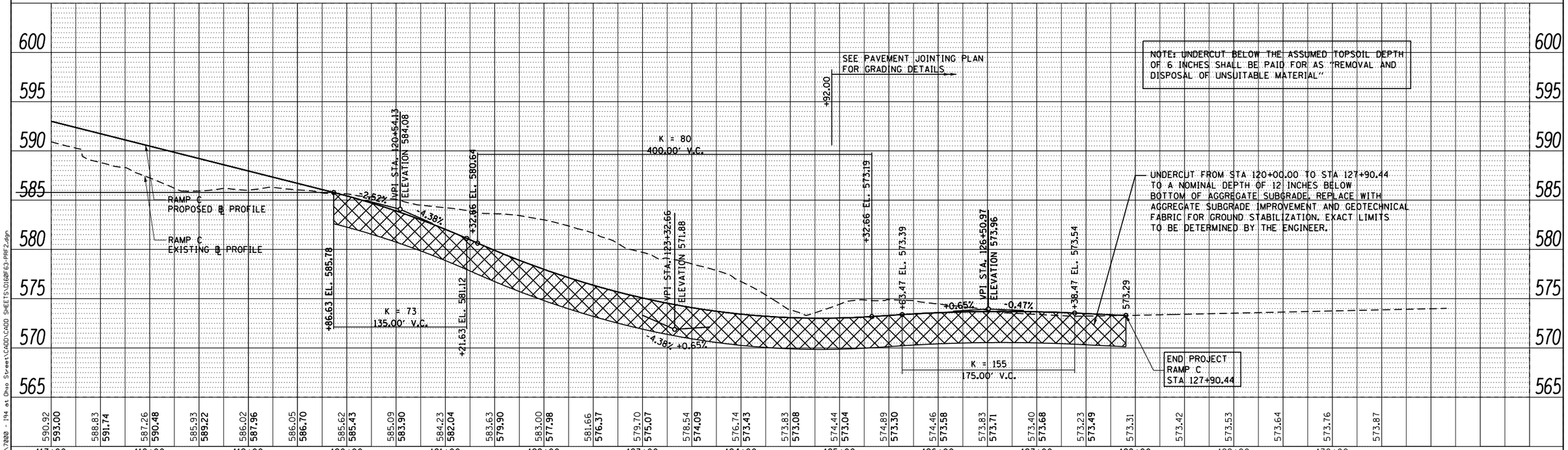
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP D
EXISTING AND PROPOSED PLAN

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	46
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		





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PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

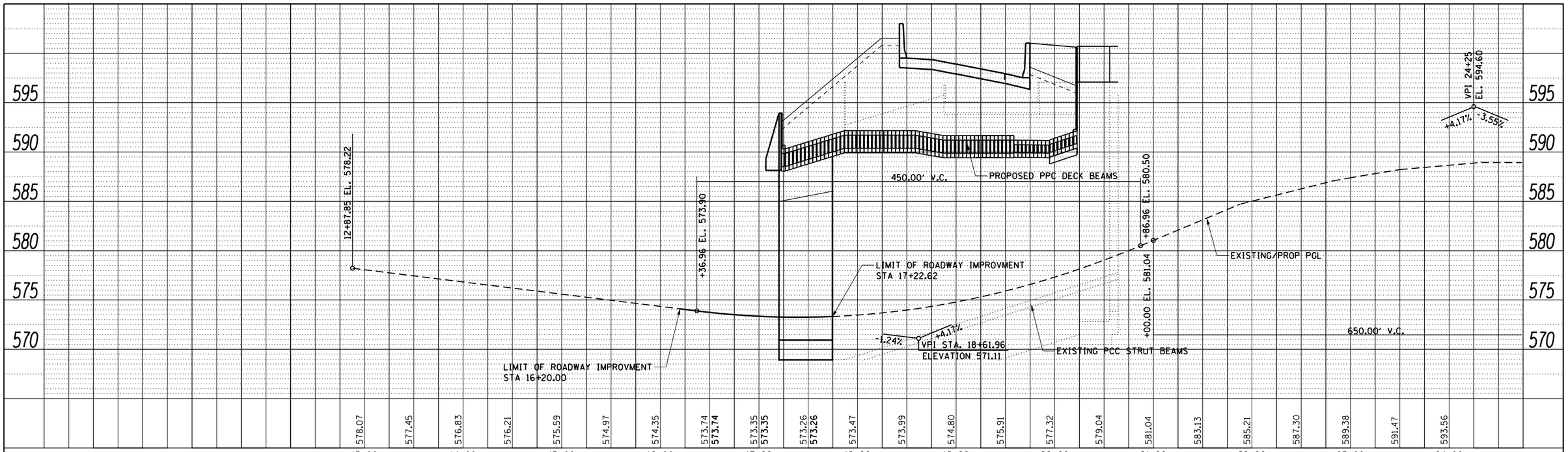
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROADWAY PROFILE
RAMP C

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	47
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



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

PROFILE
SURVEYED
PLOTTED
JOINT CHECKED
R.O.W. CHECKED
BLM. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.

FILE NAME = \\collinsengr.com\ul\data-ul\Poseidon\DOCS\7000 - I94 at Ohio Street\CADD\CADD SHEETS\D160F63-PRF3.dgn

COLLINS ENGINEERS INC

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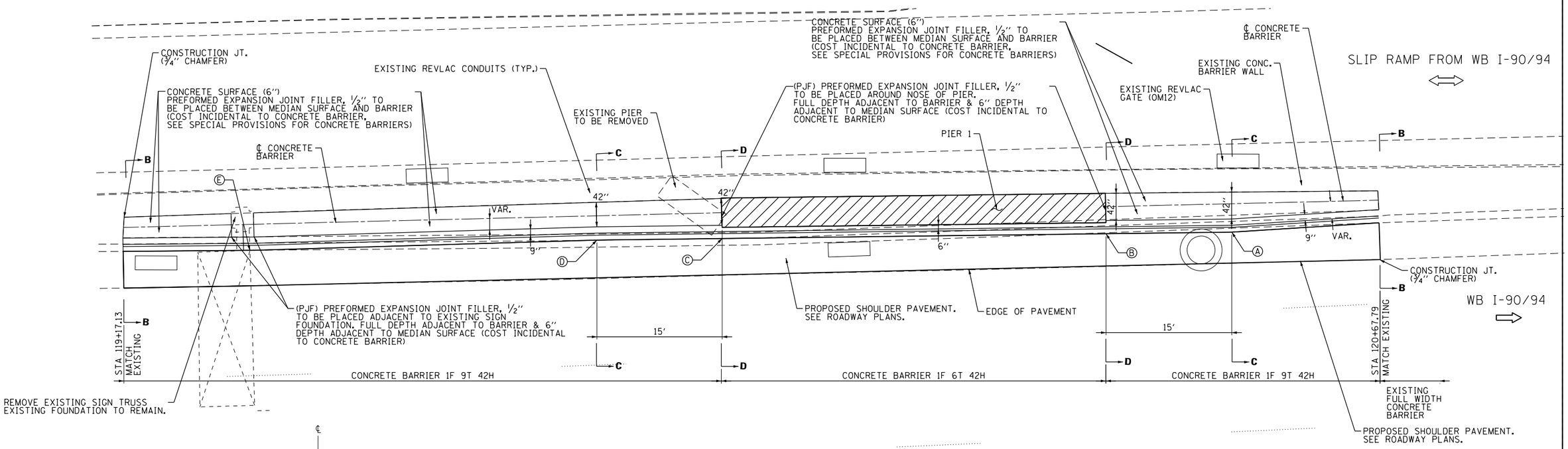
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

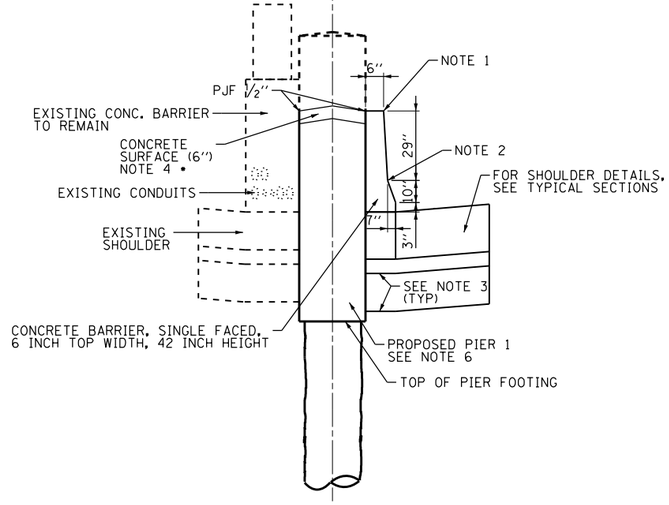
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED ROADWAY PROFILE
RAMP A

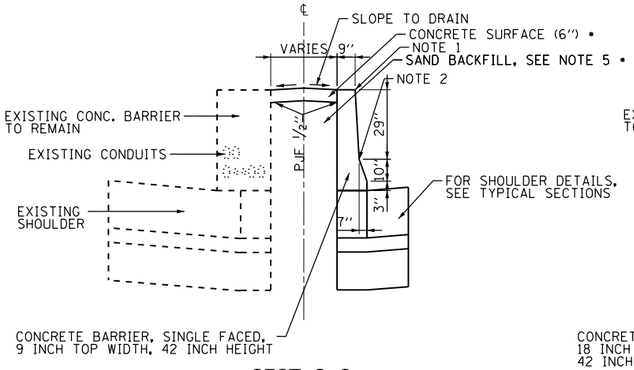
SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	48
		CONTRACT NO. 60F63		
	ILLINOIS FED. AID PROJECT			

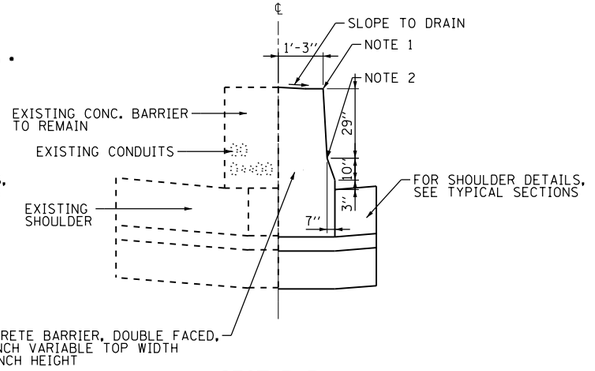




SECT D–D
CONCRETE BARRIER



SECT C–C
CONCRETE BARRIER



SECT B–B
CONCRETE BARRIER

	STATION	OFFSET
Ⓐ	120+50.17	34.28
Ⓑ	120+35.15	34.77
Ⓒ	119+89.12	36.15
Ⓓ	119+74.07	36.53
Ⓔ	119+32.35	36.70

GENERAL NOTES - FOR UNDERDRAIN DETAILS SEE TYPICAL SECTIONS

- PREFORMED JOINT FILLER SHALL BE INCIDENTAL TO THE CONCRETE BARRIER OF THE TYPE INVOLVED.

NOTE 1 - ¾" CHAMFER OR 1" RADIUS (OPTIONAL)

NOTE 2 - 10" RADIUS (OPTIONAL)

NOTE 3 - EXTEND BOTTOM OF BARRIER TO FOOTING ONLY WHEN DEPTH IS 6" OR LESS, OTHERWISE MAINTAIN SAME DEPTH AS BOTTOM OF SHOULDER

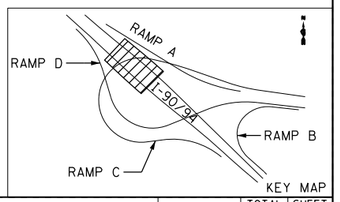
NOTE 4 - PIER FILLER MATERIAL TO BE CONCRETE IF MINIMUM 6" THICKNESS WILL BE MAINTAINED. IF 6" THICKNESS CANNOT BE MAINTAINED USE ASPHALT FILLER MATERIAL AS DIRECTED BY THE ENGINEER.

NOTE 5 - SAND BACKFILL AND CONCRETE SURFACE WILL BE REQUIRED. FILLING WITH CONCRETE WILL NOT BE ALLOWED.

NOTE 6 - IF PIER IS NEW CONSTRUCTION BARRIER WALL MAY BE MONOLITHIC

•• MAINTAIN SLOPE OF FACE AS SHOWN ON DETAIL. HEIGHT AND WIDTH OF BARRIER INCREASE WHERE A DIFFERENCE IN MEDIAN EDGE-OF-PAVEMENT GRADE ELEVATION EXISTS.

• COST OF SAND BACKFILL AND PIER FILLER MATERIAL TO BE INCLUDED IN THE COST OF CONCRETE MEDIAN SURFACE, 6".



COLLINS ENGINEERS INC

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PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

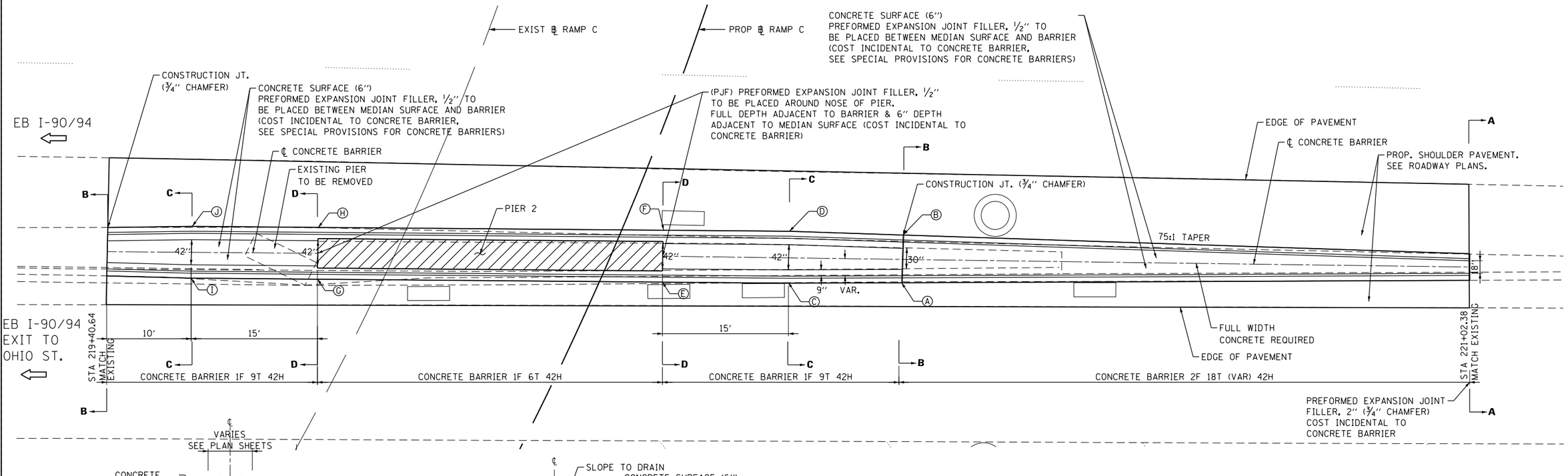
WB I-90 /94 (KENNEDY EXPRESSWAY)
CONCRETE BARRIER TRANSITIONS
PIER 1

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	49
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

FILE NAME = I:\7000 - 194 at Ohio Street\CADD\CADD SHEETS\D160F63-Detail Barrier WB.dgn



	STATION	OFFSET
Ⓐ	220+35.04	46.58
Ⓑ	220+35.12	40.91
Ⓒ	220+21.61	46.89
Ⓓ	220+21.61	40.72
Ⓔ	220+06.64	47.05
Ⓕ	220+06.68	40.88
Ⓖ	219+65.67	47.49
Ⓗ	219+65.63	41.32
Ⓘ	219+50.67	47.65
Ⓙ	219+50.66	41.49

GENERAL NOTES - FOR UNDERDRAIN DETAILS SEE TYPICAL SECTIONS

- PREFORMED JOINT FILLER SHALL BE INCIDENTAL TO THE CONCRETE BARRIER OF THE TYPE INVOLVED.

NOTE 1 - 3/4" CHAMFER OR 1" RADIUS (OPTIONAL)

NOTE 2 - 10" RADIUS (OPTIONAL)

NOTE 3 - EXTEND BOTTOM OF BARRIER TO FOOTING ONLY WHEN DEPTH IS 6" OR LESS, OTHERWISE MAINTAIN SAME DEPTH AS BOTTOM OF SHOULDER

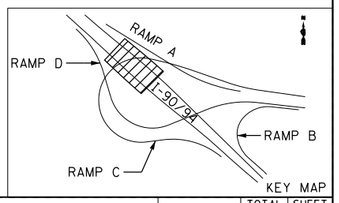
NOTE 4 - PIER FILLER MATERIAL TO BE CONCRETE IF MINIMUM 6" THICKNESS WILL BE MAINTAINED. IF 6" THICKNESS CANNOT BE MAINTAINED USE ASPHALT FILLER MATERIAL AS DIRECTED BY THE ENGINEER.

NOTE 5 - SAND BACKFILL AND CONCRETE SURFACE WILL BE REQUIRED. FILLING WITH CONCRETE WILL NOT BE ALLOWED.

NOTE 6 - IF PIER IS NEW CONSTRUCTION BARRIER WALL MAY BE MONOLITHIC

•• MAINTAIN SLOPE OF FACE AS SHOWN ON DETAIL. HEIGHT AND WIDTH OF BARRIER INCREASE WHERE A DIFFERENCE IN MEDIAN EDGE-OF-PAVEMENT GRADE ELEVATION EXISTS.

• COST OF SAND BACKFILL AND PIER FILLER MATERIAL TO BE INCLUDED IN THE COST OF CONCRETE MEDIAN SURFACE, 6".



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	DATE -	REVISED -

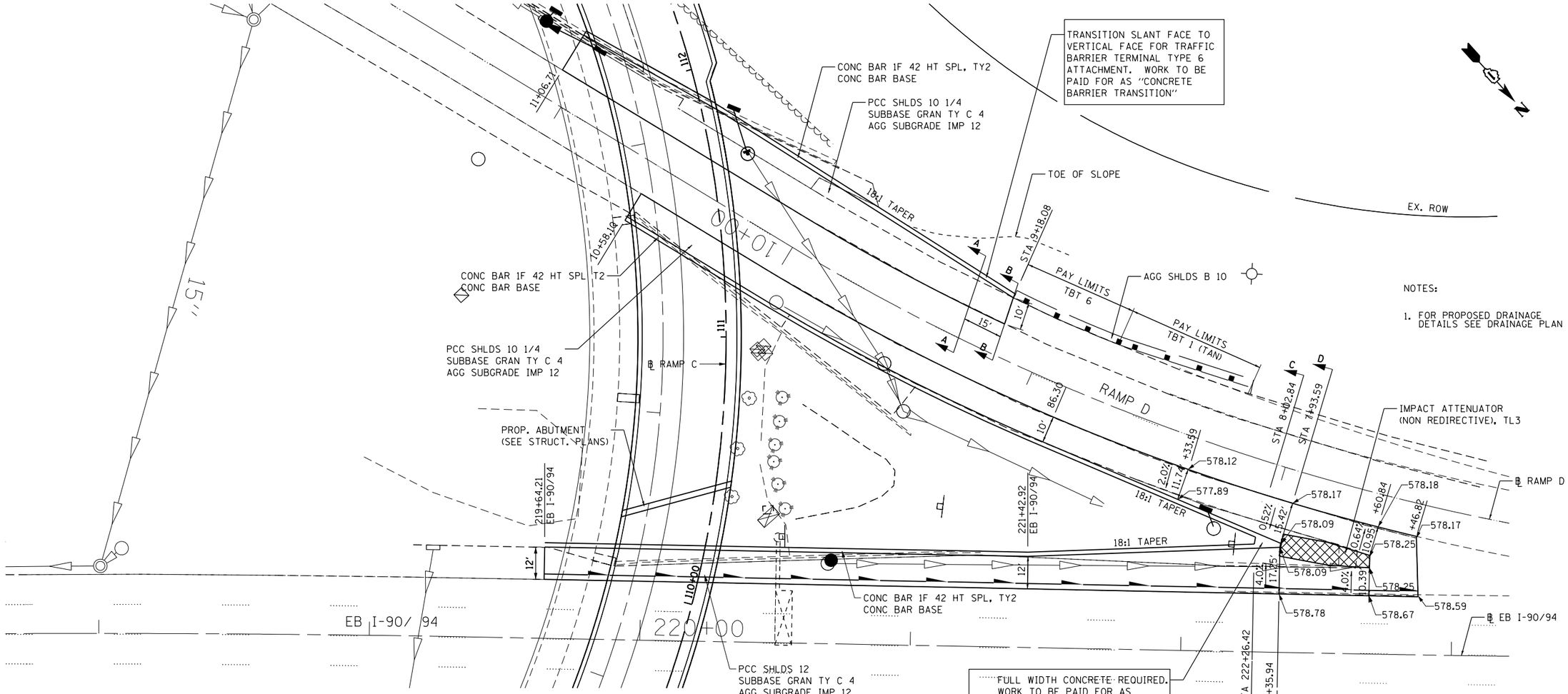
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

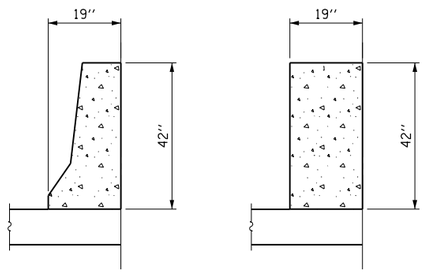
EB I-90 /94 (KENNEDY EXPRESSWAY)
CONCRETE BARRIER TRANSITIONS
PIER 2

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	50
		CONTRACT NO. 60F63		

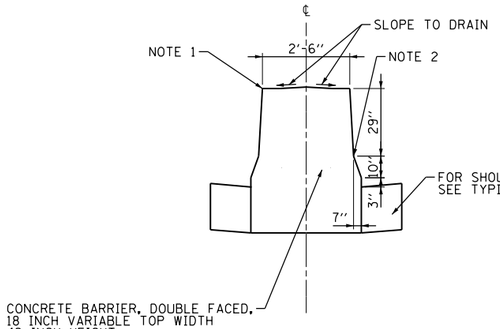
FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



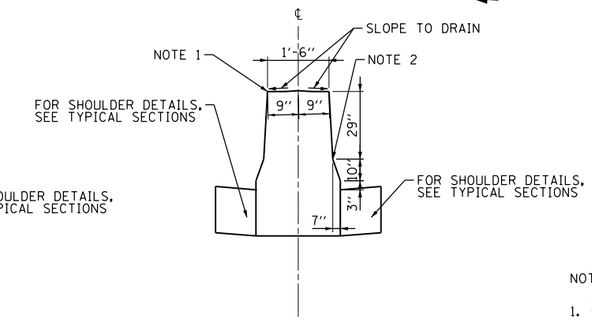


SECT A–A
CONCRETE BARRIER

SECT B–B
CONCRETE BARRIER



SECT C–C
CONCRETE BARRIER



SECT D–D
CONCRETE BARRIER

NOTES:

1. 3/4'' CHAMFER OR 1'' RADIUS (OPTIONAL)
2. 10'' RADIUS (OPTIONAL)

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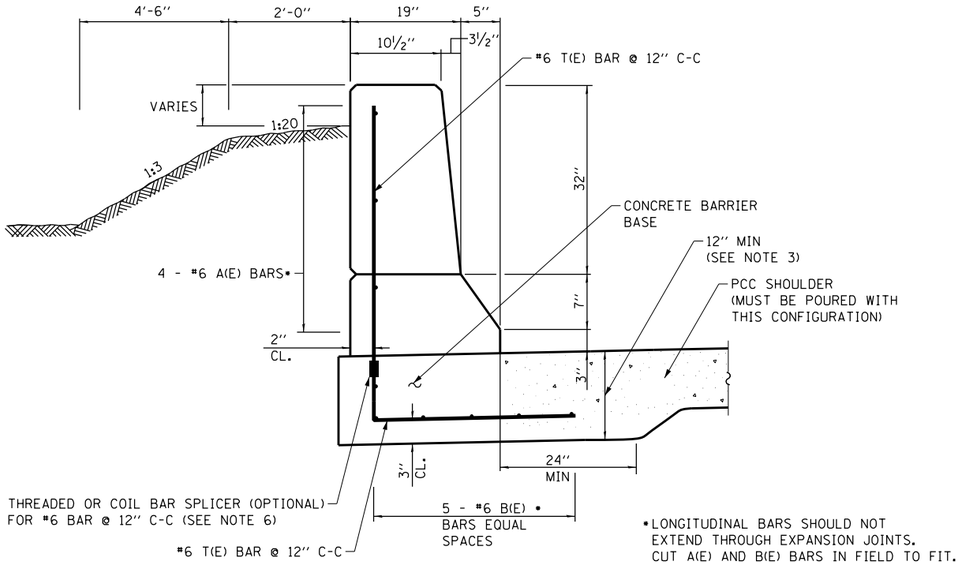
	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
RAMP D GORE

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	51
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

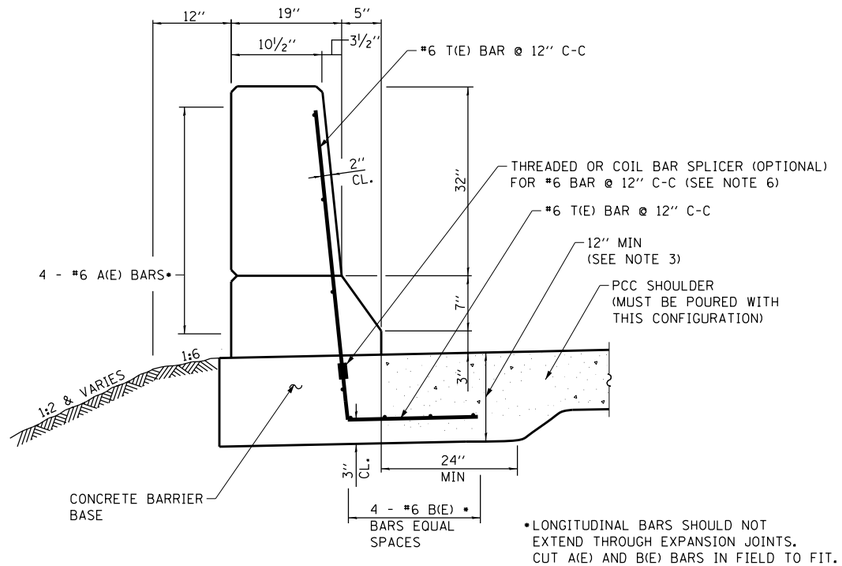


•LONGITUDINAL BARS SHOULD NOT EXTEND THROUGH EXPANSION JOINTS. CUT A(E) AND B(E) BARS IN FIELD TO FIT.

CONCRETE BARRIER, SINGLE FACE, 42" HEIGHT (SPECIAL), TYPE 1

N.T.S.

STA 117+27.40 TO STA 119+32.83 (WB I-90/94, RT SIDE)
STA 113+47.04 TO STA 115+75.00 (RAMP C, RT SIDE)
STA 123+60.00 TO STA 124+00.00 (RAMP C, LT SIDE)
STA 9+18.08 TO STA 11+06.71 (RAMP D, RT SIDE)

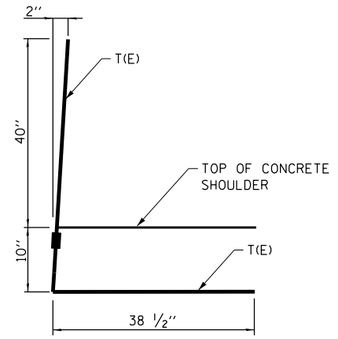


•LONGITUDINAL BARS SHOULD NOT EXTEND THROUGH EXPANSION JOINTS. CUT A(E) AND B(E) BARS IN FIELD TO FIT.

CONCRETE BARRIER, SINGLE FACE, 42" HEIGHT (SPECIAL), TYPE 1

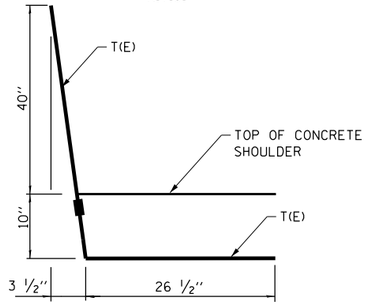
N.T.S.

STA 119+32.83 TO STA 120+24.70 (WB I-90/94, RT SIDE)
STA 103+00.00 TO STA 107+21.79 (RAMP C, RT SIDE)
STA 103+94.65 TO STA 106+70.26 (RAMP C, LT SIDE)
STA 113+14.95 TO STA 113+47.04 (RAMP C, LT SIDE)



T(E) BAR DETAIL FILL SECTION

N.T.S.



T(E) BAR DETAIL CUT SECTION

N.T.S.

LEGEND:

4 PCC SHOULDER

NOTES:

1. FOR ADDITIONAL SHOULDER DETAILS, SEE TYPICAL SECTIONS AND STANDARDS 482006, 483001, & 601001 AS APPLICABLE.
2. A 1" RADIUS CAN BE SUBSTITUTED FOR THE ½" CHAMFER AT THE TOP OF THE BARRIER WALL.
3. THE THICKENED PCC SHOULDER FOR THE REINFORCED CONCRETE BARRIER SECTION SHALL BE INCLUDED IN THE COST OF THE CONCRETE BARRIER OF THE TYPE AND HEIGHT SPECIFIED.
4. ALL REINFORCING BARS, BAR SPLICERS TIE BARS AND DOWEL BARS SHALL BE EPOXY COATED AND SHALL BE SEATED IN THE FINAL POSITION PRIOR TO THE CONCRETE OPERATIONS. BARS SHALL NOT BE MUCKED INTO PLACE.
5. THE BAR SPLICER SHALL BE CAPABLE OF DEVELOPING A MINIMUM OF 125% OF THE YIELD STRENGTH OF A #6 BAR.
6. THE FURNISHING AND PLACING OF OPTIONAL BAR SPLICERS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR CONCRETE BARRIER OF THE TYPE AND HEIGHT SPECIFIED.
7. TRANSVERSE CONTRACTION AND EXPANSION JOINTS SHALL BE CONSTRUCTED IN LINE WITH THE CONTRACTION AND EXPANSION JOINTS IN THE ADJACENT SHOULDER.
8. THE MINIMUM LAP FOR A(E) AND B(E) BARS SHALL BE 3'-6".
9. THE COST OF FABRICATION AND INSTALLATION OF REINFORCEMENT BARS IS INCLUDED IN THE PAYMENT FOR CONCRETE BARRIER OF THE TYPE AND HEIGHT SPECIFIED.

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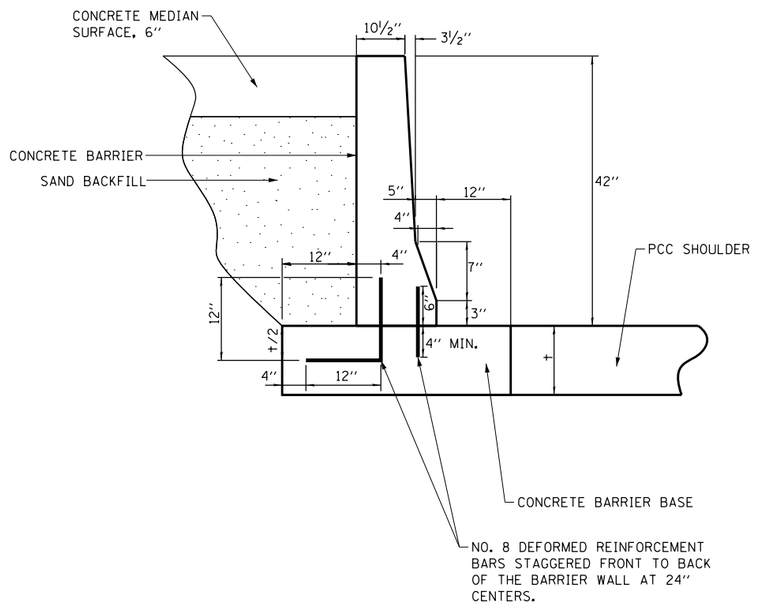
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
CONCRETE BARRIER, SINGLE FACE

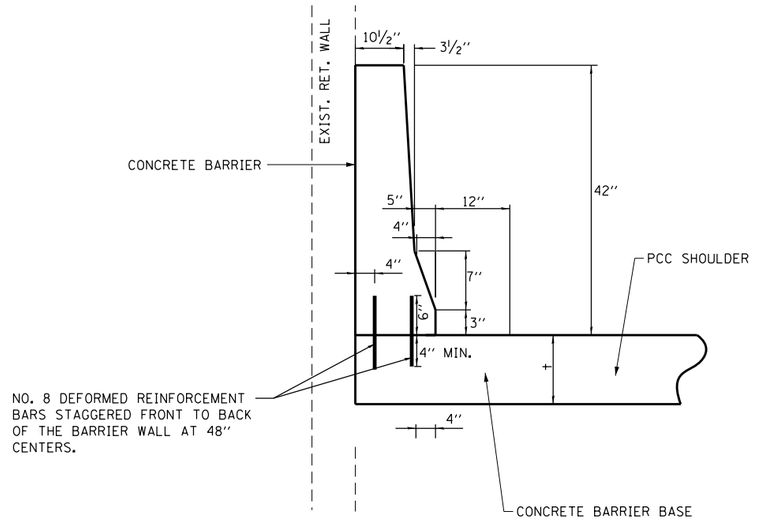
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	52
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



CONCRETE BARRIER BASE DETAIL ADJACENT TO CONCRETE MEDIAN SURFACE

N.T.S.

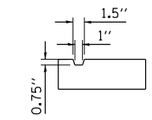


CONCRETE BARRIER BASE DETAIL ADJACENT TO RAMP/PIERS

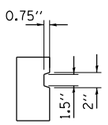
N.T.S.

NOTES:

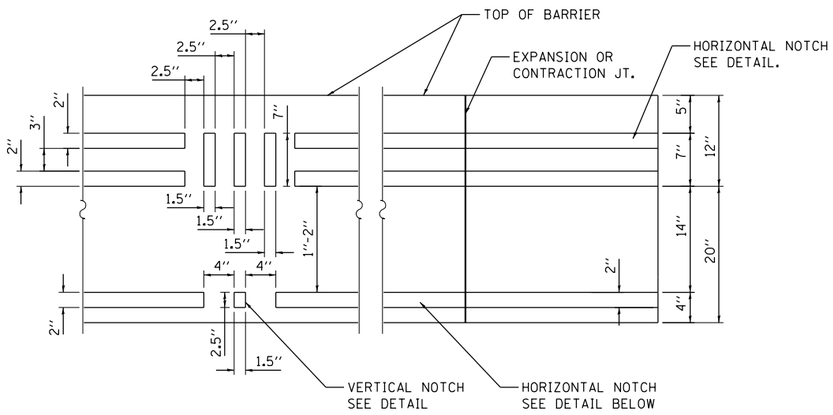
1. THE COST OF REINFORCEMENT BARS AND THEIR INSTALLATION SHALL BE CONSIDERED INCLUDED IN THE COST OF THE CONCRETE BARRIER.

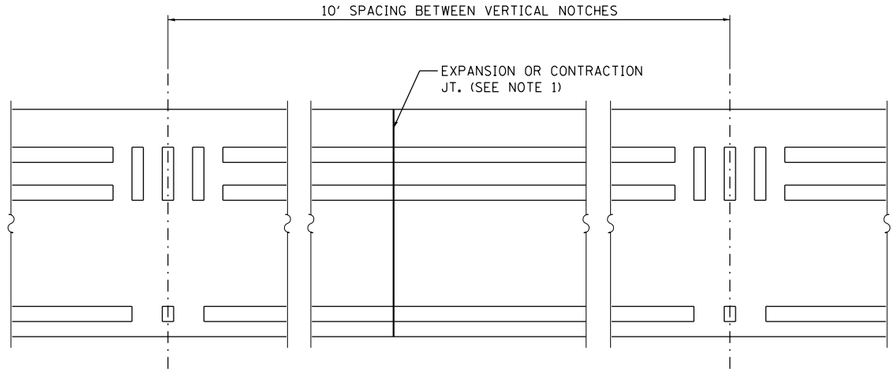


VERTICAL NOTCH DETAIL



HORIZONTAL NOTCH DETAIL





CONCRETE BARRIER, SINGLE FACE, 42" HEIGHT (SPECIAL), TYPE 2. NOTCH LAYOUT DETAILS

N.T.S.

STA 219.64.21 TO STA 222+87.38 (EB I-90/94, RT SIDE)
STA 7+93.59 TO STA 10+58.10 (RAMP D, LT SIDE)

NOTES:

1. 20 FT BETWEEN CONTRACTION JOINTS AND 100 FT BETWEEN EXPANSION JOINTS.
2. NOTCHES CONTINUOUS THROUGH THE JOINT.
3. JOINTS INCIDENTAL TO THE COST OF THE WALL.

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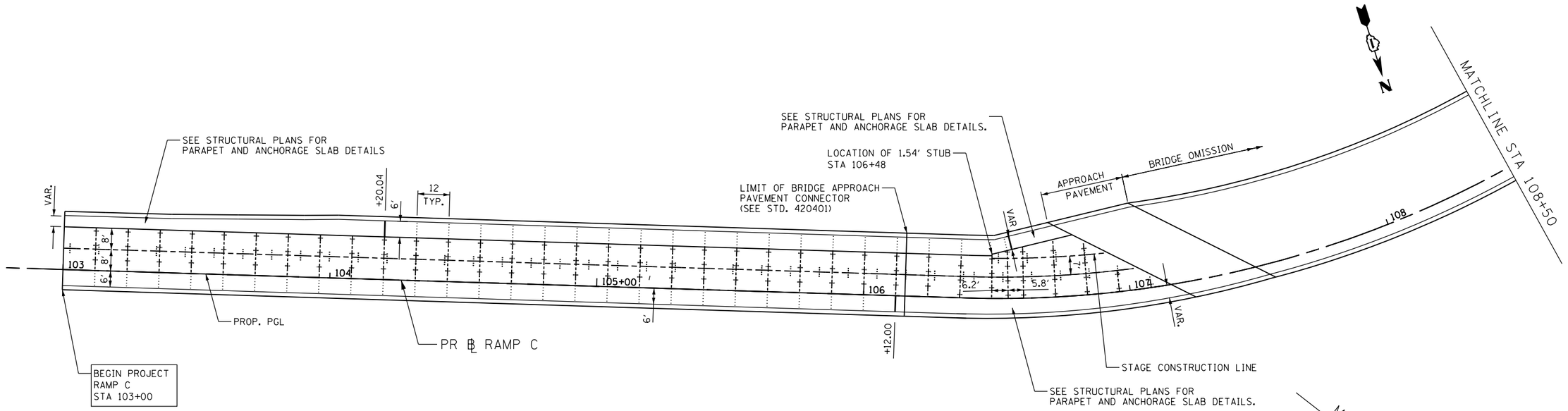
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROADWAY DETAILS
CONCRETE BARRIER, SINGLE FACE

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	53
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



PAVEMENT JOINT LEGEND

- LONGITUDINAL KEYED JOINT WITHOUT TIE BARS
- LONGITUDINAL CONSTRUCTION JOINT WITH TIE BARS
- SAWED TRANSVERSE CONTRACTION JOINT
- SAWED LONGITUDINAL JOINT
- SAWED TRANSVERSE CONTRACTION JOINT WITHIN PCC SHLD
- TRANSVERSE EXPANSION JOINT

NOTES:

1. SEE HIGHWAY STD 420001, AND 420206 AND DISTRICT 1 DETAIL BD49 FOR PAVEMENT JOINT DETAILS.
2. LONGITUDINAL CONSTRUCTION JOINTS WITH TIE BARS SHALL BE PLACED BETWEEN PCC PAVEMENT AND PCC SHOULDER NOT SHOWN FOR CLARITY.
3. MAINLINE AND RAMP CRCP PAVEMENT AND REINFORCEMENT AND JOINTS ARE NOT SHOWN FOR CLARITY. SEE STANDARD 420206 FOR DETAILS.
4. GORE NOSE LOCATIONS SHALL BE ALIGNED WITH MAINLINE SHOULDER TRANSVERSE JOINTS.
5. ADDITIONAL SAWED TRANSVERSE CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD. EXACT LOCATIONS TO BE VERIFIED AND APPROVED BY THE ENGINEER.
6. CONCRETE STUBS SHALL HAVE A 1 FOOT MINIMUM WIDTH.

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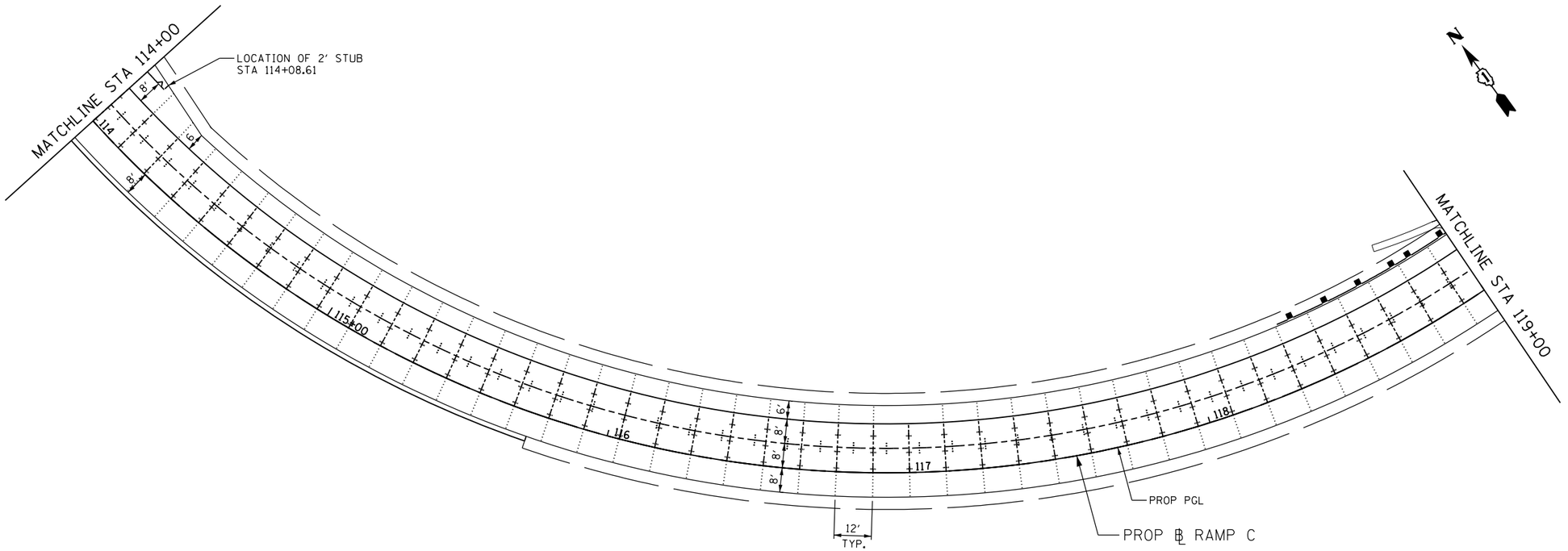
	DATE -	REVISED -

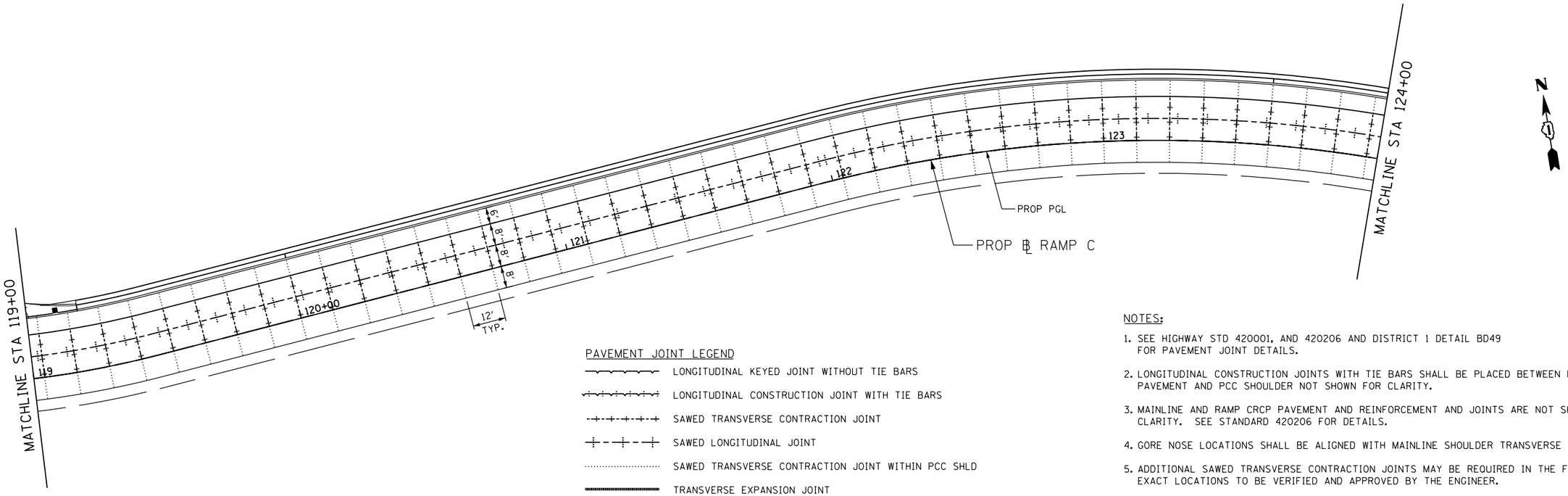
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP C
PAVEMENT JOINTING PLAN

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	54
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		





PAVEMENT JOINT LEGEND

- LONGITUDINAL KEYED JOINT WITHOUT TIE BARS
- LONGITUDINAL CONSTRUCTION JOINT WITH TIE BARS
- SAWED TRANSVERSE CONTRACTION JOINT
- SAWED LONGITUDINAL JOINT
- SAWED TRANSVERSE CONTRACTION JOINT WITHIN PCC SHLD
- TRANSVERSE EXPANSION JOINT

NOTES:

1. SEE HIGHWAY STD 420001, AND 420206 AND DISTRICT 1 DETAIL BD49 FOR PAVEMENT JOINT DETAILS.
2. LONGITUDINAL CONSTRUCTION JOINTS WITH TIE BARS SHALL BE PLACED BETWEEN PCC PAVEMENT AND PCC SHOULDER NOT SHOWN FOR CLARITY.
3. MAINLINE AND RAMP CRCP PAVEMENT AND REINFORCEMENT AND JOINTS ARE NOT SHOWN FOR CLARITY. SEE STANDARD 420206 FOR DETAILS.
4. GORE NOSE LOCATIONS SHALL BE ALIGNED WITH MAINLINE SHOULDER TRANSVERSE JOINTS.
5. ADDITIONAL SAWED TRANSVERSE CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD. EXACT LOCATIONS TO BE VERIFIED AND APPROVED BY THE ENGINEER.
6. CONCRETE STUBS SHALL HAVE A 1 FOOT MINIMUM WIDTH.

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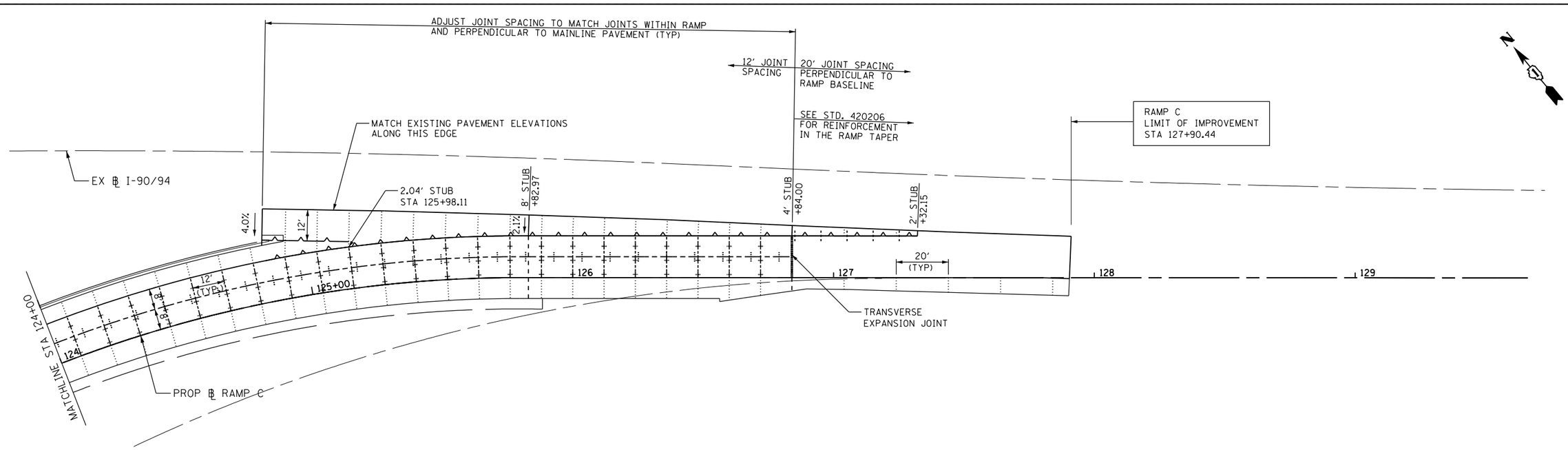
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP C
PAVEMENT JOINTING PLAN

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	55
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



PAVEMENT ELEVATION TABLE

LOCATION	STA (RAMP C)	CROSS SLOPE (GORE)	LT EDGE OF PVMT (RAMP C)	CROSS SLOPE (RAMP C)	RT EDGE OF PVMT (PGL) (RAMP C)	CROSS SLOPE (RT SHLD)
	124+92.00	-3.90%	573.87	-6.00%	572.91	-6.00%
	125+04.00	-3.66%	573.96	-6.00%	573.00	-6.00%
	125+16.00	-3.42%	574.03	-6.00%	573.07	-6.00%
	125+28.00	-3.18%	574.10	-6.00%	573.14	-6.00%
	125+40.00	-2.94%	574.15	-6.00%	573.19	-6.00%
	125+52.00	-2.70%	574.19	-5.78%	573.26	-5.78%
	125+64.00	-2.46%	574.21	-5.35%	573.36	-5.35%
	125+76.00	-2.22%	574.23	-4.91%	573.44	-4.91%
8' STUB	125+82.97	-2.08%	574.23	-4.66%	573.49	-4.66%
	125+88.00	-2.08%	574.23	-4.47%	573.51	-4.47%
	126+00.00	-2.08%	574.20	-4.04%	573.55	-4.04%
	126+12.00	-2.08%	574.17	-3.60%	573.60	-4.25%
	126+24.00	-2.08%	574.15	-3.16%	573.65	-4.00%
	126+36.00	-2.08%	574.13	-2.73%	573.69	-4.00%
	126+48.00	-2.08%	574.09	-2.29%	573.73	-4.00%
	126+60.00	-2.08%	574.06	-2.00%	573.74	-4.00%
	126+72.00	-2.08%	574.02	-2.00%	573.70	-4.00%
4' STUB	126+84.00	-2.08%	573.99	-2.00%	573.67	-4.00%
	127+04.00	-2.08%	573.96	-2.00%	573.64	-4.00%
	127+24.00	-2.08%	573.93	-2.00%	573.61	-4.00%
2' STUB	127+32.15	-2.00%	573.92	-2.00%	573.60	-4.00%

NOTES:

1. SEE HIGHWAY STD 420001, AND 420206 AND DISTRICT 1 DETAIL BD49 FOR PAVEMENT JOINT DETAILS.
2. LONGITUDINAL CONSTRUCTION JOINTS WITH TIE BARS SHALL BE PLACED BETWEEN PCC PAVEMENT AND PCC SHOULDER NOT SHOWN FOR CLARITY.
3. MAINLINE AND RAMP CRCP PAVEMENT AND REINFORCEMENT AND JOINTS ARE NOT SHOWN FOR CLARITY. SEE STANDARD 420206 FOR DETAILS.
4. GORE NOSE LOCATIONS SHALL BE ALIGNED WITH MAINLINE SHOULDER TRANSVERSE JOINTS.
5. ADDITIONAL SAWED TRANSVERSE CONTRACTION JOINTS MAY BE REQUIRED IN THE FIELD. EXACT LOCATIONS TO BE VERIFIED AND APPROVED BY THE ENGINEER.
6. CONCRETE STUBS SHALL HAVE A 1 FOOT MINIMUM WIDTH.

PAVEMENT JOINT LEGEND

- LONGITUDINAL KEYED JOINT WITHOUT TIE BARS
- LONGITUDINAL CONSTRUCTION JOINT WITH TIE BARS
- SAWED TRANSVERSE CONTRACTION JOINT
- SAWED LONGITUDINAL JOINT
- SAWED TRANSVERSE CONTRACTION JOINT WITHIN PCC SHLD
- TRANSVERSE EXPANSION JOINT

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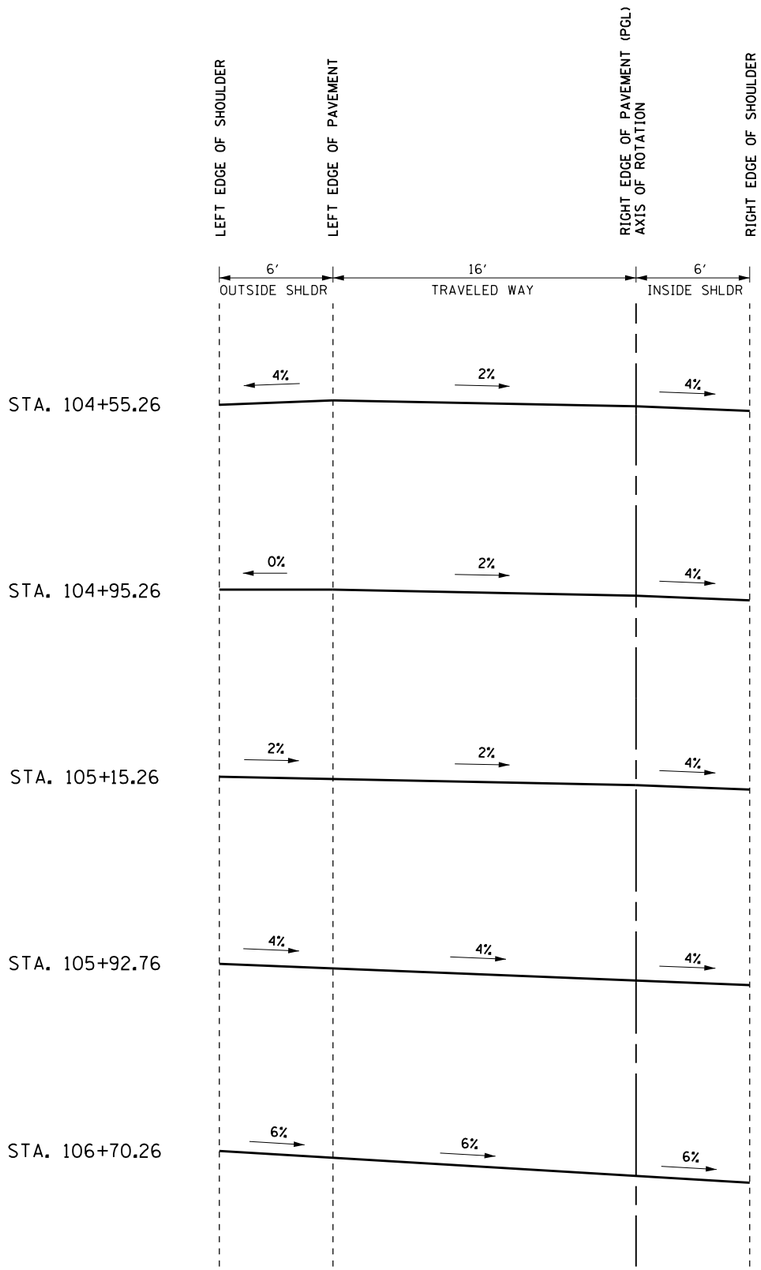
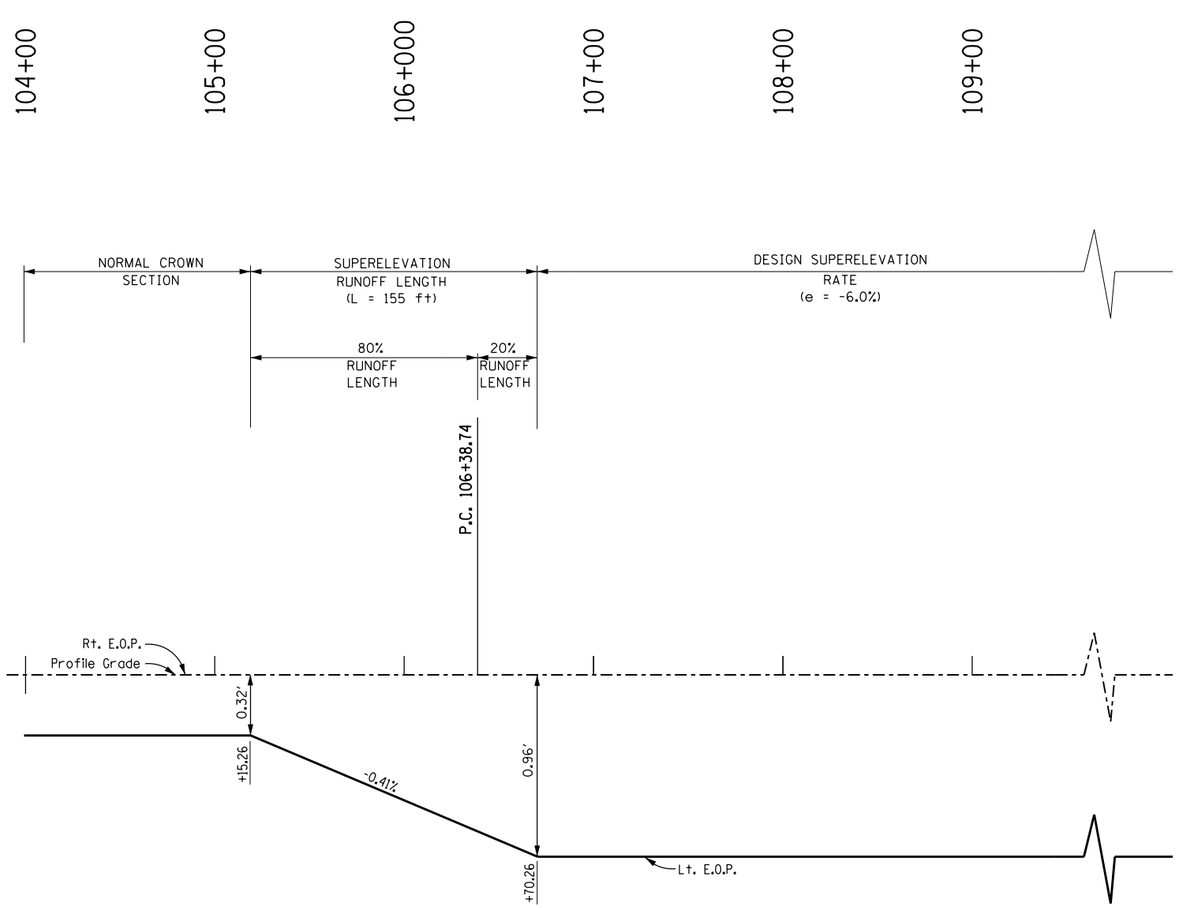
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

RAMP C
PAVEMENT JOINTING PLAN

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	56
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		





SUPERELEVATION DIAGRAM

RAMP C: CURVE RAMP C-1

DESIGN SPEED = 45 mph
R = 394'
SE = 6.0%

FILE NAME = i:\7000 - I94 at Ohio Street\CADD\CADD SHEETS\D160F63-SUPER.dgn

COLLINS ENGINEERS INC

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PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

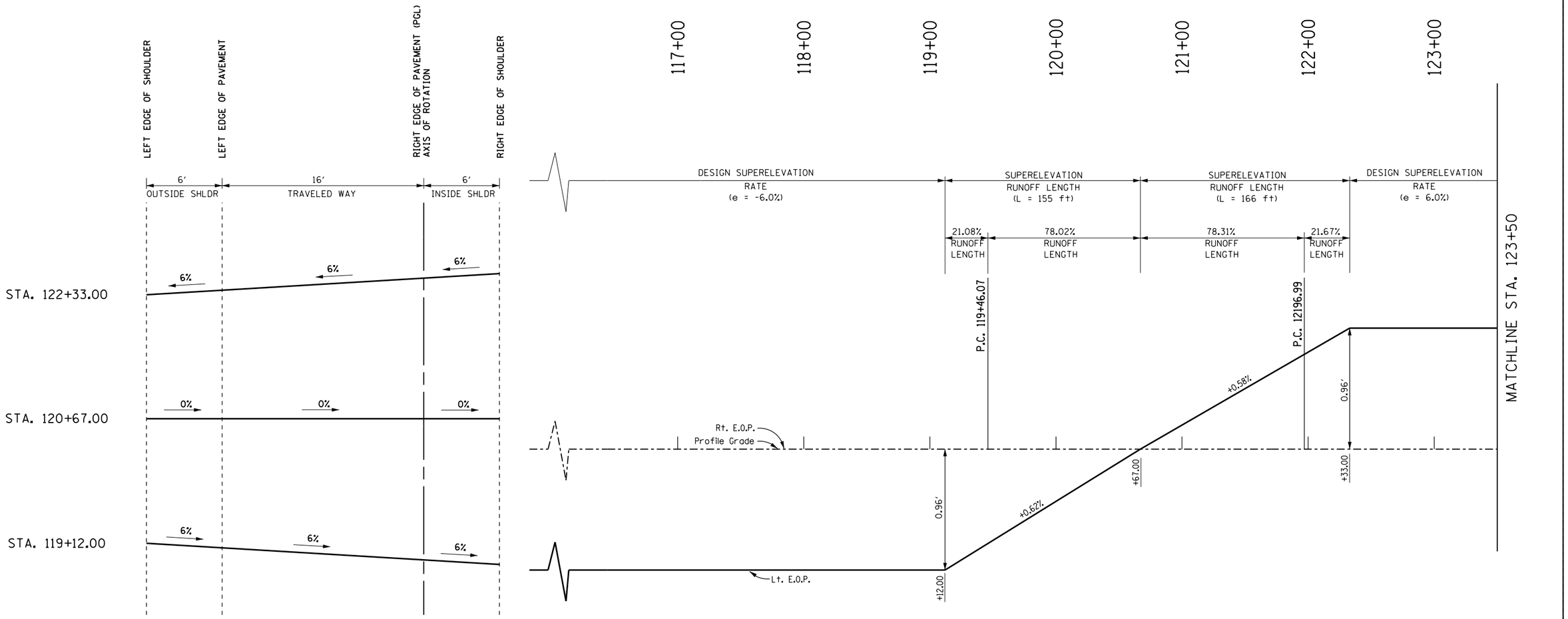
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SUPERELEVATION DIAGRAM

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	57
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



SUPERELEVATION DIAGRAM

RAMP C: CURVE RAMP C-2,3
DESIGN SPEED = 45 mph
R = 350'
SE = 6.0%

FILE NAME = i:\7000 - 194 at Ohio Street\CADD\CADD SHEETS\D160F63-SUPER.dgn

COLLINS ENGINEERS INC

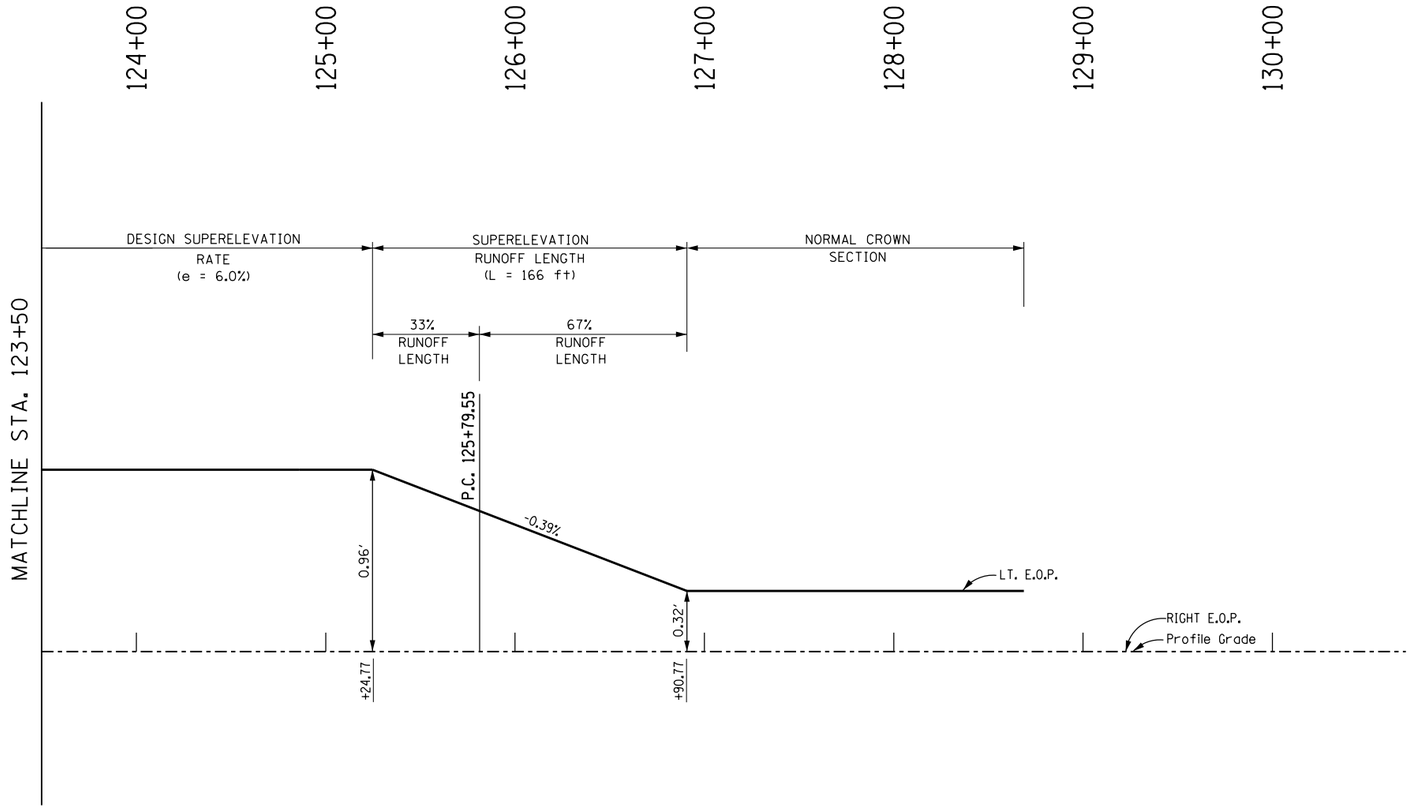
USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 8.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SUPERELEVATION DIAGRAM

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	58
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



SUPERELEVATION DIAGRAM

RAMP C: CURVE RAMP C-3

DESIGN SPEED = 45 mph
R = 485'
SE = 6.0%

NOTES:

1. SEE RAMP C PAVEMENT JOINTING PLAN FOR ADDITIONAL PAVEMENT TRANSITIONS DETAILS

FILE NAME = i:\7000 - 194 at Ohio Streets\CADD\CADD SHEETS\D160F63-SUPER.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
SUPERELEVATION DIAGRAM

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	59
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

MAINTENANCE OF TRAFFIC - GENERAL NOTES

1. SEE SPECIAL PROVISIONS TITLED TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).

2. THE CONTRACTOR SHALL REMOVE AND SAFELY STORE (FREE FROM THEFT OR DAMAGE) OR COVER ALL CONFLICTING EXISTING SIGNS FOR THE DURATION OF THE CONSTRUCTION. ALL SIGNS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AT THE END OF CONSTRUCTION.

3. THE FOLLOWING APPLY TO CONSTRUCTION SIGNS:

   A) THE CONTRACTOR SHALL FURNISH ALL SIGNS.

   B) THE CONTRACTOR SHALL BE RESPONSIBLE FOR AND REPLACE ANY SIGNS THAT ARE SUPPLIED BY OTHERS AND DAMAGED BY THE CONTRACTOR'S WORK FORCE OR SUBCONTRACTORS DURING RELOCATION OR CONSTRUCTION OPERATIONS.

   C) ALL SIGNS AND ASSEMBLIES SHALL BE CERTIFIED BY THE CONTRACTOR AS MEETING THE APPLICABLE REQUIREMENTS OF NCHRP REPORT 350. TEST LEVEL 3.

   D) ALL SIGNS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) PAY ITEM, EXCEPT FOR TEMPORARY INFORMATIONAL SIGNING AS NOTED ON THE PLANS.

4. OPENINGS THROUGH THE BARRIER FOR CONTRACTOR'S ACCESS TO THE WORK ZONE SHALL BE PROVIDED AS APPROVED BY THE ENGINEER.

5. ANY RAISED REFLECTIVE PAVEMENT MARKERS THAT CONFLICT WITH THE TEMPORARY TRAFFIC LANES MUST HAVE THE REFLECTIVE LENSES REMOVED AS DIRECTED BY THE ENGINEER.

6. ALL TEMPORARY PAVEMENT MARKINGS ALONG I-90/94 AND RAMPS DURING STAGED CONSTRUCTION SHALL BE WET REFLECTIVE TAPE, TYPE III OF THE WIDTH AND COLOR SPECIFIED ON THE PLAN SHEETS.

7. MONO-DIRECTIONAL PRISMATIC BARRIER REFLECTORS WILL BE PLACED AT 25' CENTERS ON TOP AND SIDE OF TEMPORARY CONCRETE BARRIER FACING TRAFFIC.

8. A CHANGEABLE MESSAGE SIGN SHALL BE LOCATED ON I-90/94 EASTBOUND AND I-90/94 WESTBOUND, AS WELL AS LOCATIONS SPECIFIED ON THE PLANS.

9. NO TRAFFIC STAGES SHALL OVERLAP WITHOUT PRIOR WRITTEN APPROVAL FROM THE ENGINEER.

I-90/94, STAGING NOTES: STAGE IA

SEE SPECIAL PROVISIONS FOR STAGING AND LANE CLOSURE RESTRICTIONS.

WORK IN THIS STAGE CONSISTS OF CONSTRUCTING PORTIONS OF PIER 1 AND PIER 2 FOR SN 016-1322/SN 016-1323 IN THE MEDIAN OF I-90/94.

INSTALL STAGE I TEMPORARY SIGNAGE.

CLOSE THE INSIDE LANE OF WB I-90/94 IN ACCORDANCE WITH STD. 701400 AND 701401.

INSTALL BARRICADES ALONG THE SLIP RAMP EXITING THE EXPRESS LANES AND CLOSE THE INSIDE LANE OF EB I-90/94.

SHIFT EB AND WB I-90/94 TRAFFIC INTO THE STAGE I CONFIGURATION AS SHOWN ON THE PLANS INCLUDING INSTALLATION OF MOVEABLE TRAFFIC BARRIER AND TEMPORARY ATTENUATORS ADJACENT TO THE WORK ZONE IN ACCORDANCE WITH DISTRICT DETAIL TC-17.

I-90/94, STAGING NOTES: STAGE IB

ALL TRAFFIC CONTROL DEVICES, INCLUDING MOVEABLE TRAFFIC BARRIER SHALL BE RELOCATED OUT OF THE TRAVEL LANES, TO THE LOCATIONS SHOWN ON THE STAGING TYPICAL SECTIONS, AND ALL LANES OPENED BACK TO TRAFFIC.

I-90/94, STAGING NOTES: STAGE IC

WORK IN THIS STAGE CONSISTS OF SETTING THE BEAMS FOR SN 016-1322/ SN 016-1323.

TEMPORARY CLOSURES OF EB I-90/94 AND WB I-90/94 TRAFFIC DURING THE HOURS SPECIFIED IN THE SPECIAL PROVISIONS WILL BE PERMITTED.

RAMP C, STAGING NOTES: STAGE I

INSTALL CHANGEABLE MESSAGE SIGNS AND SIGN PANEL OVERLAYS PRIOR TO START OF CONSTRUCTION ACTIVITY ON I-90/94 AND THE RAMPS.

WORK IN THIS STAGE CONSISTS OF CONSTRUCTING TEMPORARY PAVEMENT ALONG RAMP C, REMOVING PORTIONS OF EXISTING RAMP C PAVEMENT AND CONSTRUCTING PORTIONS OF PROPOSED RAMP C AS SHOWN IN THE PLANS AND TYPICAL SECTIONS.

PRIOR TO SHIFTING RAMP C TRAFFIC INTO TEMPORARY LANE CONFIGURATION, TEMPORARY PAVEMENT SHALL BE CONSTRUCTED TO THE ALIGNMENT SHOWN ON THE PLANS. TRAFFIC DURING THIS STAGE SHALL REMAIN ON EXISTING RAMP C ALIGNMENT AND WORK SHALL BE DONE ON ACCORDANCE WITH DETAIL TC-17, PARTIAL RAMP CLOSURES, MAINTAINING A MINIMUM OF A 12' TRAFFIC LANE AT ALL TIMES.

WORK IN THIS STAGE CONSISTS OF CONSTRUCTING THE SUBSTRUCTURE FOR SN 016-1322 AND SN 016-1323, INCLUDING GROUND IMPROVEMENTS (INSTALLATION OF AGGREGATE PIERS), PORTIONS OF THE APPROACH MSE WALLS AND TEMPORARY GEOTEXTILE WALL, AS SHOWN IN THE PLANS.

SHIFT RAMP C TRAFFIC INTO THE STAGE I CONFIGURATION AS SHOWN ON THE PLANS INCLUDING INSTALLATION OF THE TEMPORARY CONCRETE BARRIER ADJACENT TO THE TEMPORARY RAMP C PAVEMENT.

SEE ELECTRICAL PLANS FOR TEMPORARY LIGHTING PLANS ALONG RAMP C

GROUND IMPROVEMENTS (AGGREGATE PIERS) FOR MSE WALL CONSTRUCTION REQUIRE SETTLEMENT PERIOD. SEE STRUCTURAL PLANS AND SPECIAL PROVISIONS.

RAMP A, STAGING NOTES: STAGE IA

WORK IN THIS STAGE CONSISTS OF CONSTRUCTING THE SUBSTRUCTURE FOR SN 016-2573, INCLUDING INSTALLING TEMPORARY LIGHTING, CONSTRUCTION OF THE TEMPORARY SOIL RETENTION SYSTEM, ALL PROPOSED WORK ALONG THE SOUTH HALF OF THE UNDERPASS, INCLUDING CONSTRUCTION OF THE ABUTMENT EXTENSION, ABUTMENT REPAIRS, AND REPLACEMENT OF THE SOUTH HALF OF RAMP A PAVEMENT AS SHOWN IN THE PLANS AND TYPICAL SECTIONS.

SHIFT RAMP A TRAFFIC INTO THE SUBSTAGE A CONFIGURATION AS SHOWN ON THE PLANS INCLUDING THE TEMPORARY CONCRETE BARRIER ADJACENT TO RAMP TRAFFIC.

RAMP A, STAGING NOTES: STAGE IB

WORK IN THIS STAGE CONSISTS OF CONSTRUCTING THE SUBSTRUCTURE FOR SN 016-2573, INCLUDING INSTALLING TEMPORARY LIGHTING, CONSTRUCTION OF THE TEMPORARY SOIL RETENTION SYSTEM, ALL PROPOSED WORK ALONG THE NORTH HALF OF THE UNDERPASS, INCLUDING CONSTRUCTION OF THE ABUTMENT EXTENSION, ABUTMENT REPAIRS, AND REPLACEMENT OF THE NORTH HALF OF RAMP A PAVEMENT AS SHOWN IN THE PLANS AND TYPICAL SECTIONS.

SHIFT RAMP A TRAFFIC INTO THE SUBSTAGE B CONFIGURATION AS SHOWN ON THE PLANS INCLUDING THE TEMPORARY CONCRETE BARRIER ADJACENT TO RAMP TRAFFIC.

RAMP A, STAGING NOTES: STAGE IC

SEE SPECIAL PROVISIONS FOR STAGING AND LANE CLOSURE RESTRICTIONS.

WORK IN THIS STAGE CONSISTS OF REPLACEMENT OF THE EXISTING PPC DECK BEAMS ALONG SN-016-2573 UP TO THE STAGE I CONSTRUCTION LINE.

RAMP A TRAFFIC WILL BE CLOSED TO TRAFFIC DURING THE HOURS SPECIFIED IN THE SPECIAL PROVISIONS. ALL RAMP A TRAFFIC WILL BE DETOURED AS SHOWN IN DETOUR ROUTING "A".

RAMP D, STAGING NOTES: STAGE IA

WORK IN THIS STAGE CONSISTS OF CONSTRUCTING THE SUBSTRUCTURE FOR SN 016-1323, INCLUDING GROUND IMPROVEMENTS (INSTALLATION OF AGGREGATE PIERS), PORTIONS OF THE APPROACH MSE WALL AND TEMPORARY GEOTEXTILE WALL ALONG THE EAST SIDE OF RAMP D AS SHOWN IN THE PLANS.

SHIFT THE 2-LANE RAMP D TRAFFIC INTO THE STAGE IA LANE CONFIGURATION AS SHOWN ON THE PLANS INCLUDING INSTALLATION OF TEMPORARY CONCRETE BARRIER ADJACENT TO RAMP TRAFFIC.

RAMP D, STAGING NOTES: STAGE IB

WORK IN THIS STAGE CONSISTS OF CONSTRUCTING THE SUBSTRUCTURE FOR SN 016-1323, INCLUDING PORTIONS OF THE APPROACH MSE WALL AND TEMPORARY GEOTEXTILE WALL ALONG THE WEST SIDE OF RAMP D AS SHOWN IN THE PLANS.

SHIFT THE 2-LANE RAMP D TRAFFIC INTO THE STAGE IB LANE CONFIGURATION AS SHOWN ON THE PLANS INCLUDING RELOCATION OF TEMPORARY CONCRETE BARRIER ADJACENT TO RAMP TRAFFIC.

RAMP D, STAGING NOTES: STAGE IC

WORK IN THIS STAGE CONSISTS OF SETTING THE BEAMS FOR SN 016-1323.

TEMPORARY CLOSURES OF EB I-90/94, WB I-90/94 AND THE RAMPS DURING THE HOURS SPECIFIED IN THE SPECIAL PROVISIONS WILL BE PERMITTED.

FILE NAME = $FILE$

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 200.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
STAGING NOTES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	60
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

I-90/94, STAGING NOTES: WINTER SHUTDOWN

REMOVE ALL PAVEMENT MARKINGS THAT CONFLICT WITH WINTER SHUTDOWN TRAFFIC LANES. APPLY PAVEMENT MARKINGS AS DESCRIBED HEREIN.

RAMP A NO LANE RESTRICTIONS. RESTORE EXISTING PAVEMENT MARKINGS.
RAMP D NO LANE RESTRICTIONS. RESTORE EXISTING PAVEMENT MARKINGS.
I-90/94 NO LANE RESTRICTIONS. RESTORE EXISTING PAVEMENT MARKINGS.
RAMP C REMAIN IN STAGE I LANE CONFIGURATION

NO DROP OFFS SHALL BE ALLOWED DURING WINTER SHUTDOWN EXCEPT AS APPROVED BY THE ENGINEER AND WHICH ARE PROTECTED BY BARRIERS AS APPROPRIATE.

I-90/94, STAGING NOTES: STAGE 2 - PRE-STAGE

"CHANGEABLE MESSAGE SIGNS" SHALL BE INSTALLED, AS SHOWN ON THE PLANS. THE LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.

CONSTRUCT TEMPORARY PAVEMENT ALONG RAMP D, AS SHOWN IN THE PLANS.

I-90/94, STAGING NOTES: STAGE 2A

SEE SPECIAL PROVISIONS FOR STAGING AND LANE CLOSURE RESTRICTIONS.

INSTALL SIGN PANEL OVERLAYS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

WORK IN THIS STAGE CONSISTS OF REMOVING SN 016-1003 SUPERSTRUCTURE UNIT 2 OVER THE REVERSIBLE LANES AND EB I-90/94.

LOCAL TRAFFIC WILL BE DETOURED USING DETOUR ROUTING "B", AS SHOWN IN THE PLANS.

RESTRICT ALL EB I-90/94 TRAFFIC TO 2 LANES, PER STD. 701400 AND 701446, AND AS SHOWN IN THE PLANS.

ALL EB MAINLINE I-90/94 TRAFFIC AND THE REVERSIBLES WILL BE CLOSED AT THE 2-LANE EXIT TO EB OHIO STREET. TWO (2) LANES OF TRAFFIC WILL BE DIVERTED ONTO THE EB OHIO STREET EXIT RAMP (RAMP D) AND ONTO TEMPORARY PAVEMENT CONSTRUCTED TO FACILITATE A 2-LANE CROSSOVER TO THE EXISTING ONTARIO STREET ENTRANCE RAMP I-90/94.

SUPERSTRUCTURE UNIT 2 WILL BE MOVED VIA SELF-PROPELLED MOBILE TRANSPORT (SPMT) EQUIPMENT, OR OTHER MEANS TO A LOCATION ALONG THE EB LANES, AS SHOWN ON THE PLANS. THE STRUCTURE WILL BE LOCATED OFF THE PAVEMENT ALLOWING FOR FURTHER DEMOLITION WHILE ALL LANES OF TRAFFIC ARE REOPENED. SEE SPECIAL PROVISIONS FOR RESTRICTIONS ON DEMOLITION.

I-90/94, STAGING NOTES: STAGE 2B

SEE SPECIAL PROVISIONS FOR STAGING AND LANE CLOSURE RESTRICTIONS.

INSTALL SIGN PANEL OVERLAYS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

WORK IN THIS STAGE CONSISTS OF REMOVING SN 016-1003 SUPERSTRUCTURE UNIT 1 OVER THE EXPRESS LANES AND WB I-90/94.

LOCAL TRAFFIC WILL BE DETOURED USING DETOUR ROUTING "B", AS SHOWN IN THE PLANS.

WORK IN THIS STAGE CONSISTS OF TEMPORARILY RESTRIPING N. ORLEANS STREET AS SHOWN IN THE PLANS.

ALL WB MAINLINE I-90/94 TRAFFIC WILL BE REDUCED TO 2 LANES, PER STD. 701400 AND 701446, AS SHOWN ON THE PLANS. ALL WB MAINLINE LANES AND THE REVERSIBLES WILL BE CLOSED AT THE EXIT TO EB OHIO STREET. TWO (2) LANES OF TRAFFIC WILL BE DIVERTED ONTO EB OHIO STREET, AS SHOWN IN THE PLANS.

AT THE CONCLUSION OF THE STAGE, N. ORLEANS STREET SHALL BE RESTORED TO THE ORIGINAL STRIPING CONFIGURATION AND OPENED TO TRAFFIC.

I-90/94, STAGING NOTES: STAGE 2C

SEE SPECIAL PROVISIONS FOR STAGING AND LANE CLOSURE RESTRICTIONS.

INSTALL SIGN PANEL OVERLAYS PRIOR TO THE START OF CONSTRUCTION ACTIVITIES.

WORK IN THIS STAGE CONSISTS OF REMOVING SN 016-1003 SUPERSTRUCTURE UNIT 3 OVER RAMP D.

LOCAL TRAFFIC WILL BE DETOURED USING DETOUR ROUTING "B", AS SHOWN IN THE PLANS.

ALL MAINLINE I-90/94 TRAFFIC WILL BE OPEN AND THE EXIT TO EB OHIO STREET CLOSED, AS SHOWN IN THE PLANS.

SUPERSTRUCTURE UNIT 3 WILL BE MOVED VIA SELF-PROPELLED MOBILE TRANSPORT (SPMT) EQUIPMENT, OR OTHER MEANS TO A LOCATION ALONG RAMP D, AS SHOWN ON THE PLANS. THE STRUCTURE WILL BE LOCATED OFF THE PAVEMENT ALLOWING FOR FURTHER DEMOLITION WHILE ALL LANES OF TRAFFIC ARE REOPENED. SEE SPECIAL PROVISIONS FOR RESTRICTIONS ON DEMOLITION.

I-90/94, STAGING NOTES: STAGE IIIA

SEE SPECIAL PROVISIONS FOR STAGING AND LANE CLOSURE RESTRICTIONS.

WORK IN THIS STAGE CONSISTS OF CONSTRUCTING THE REMAINING PORTIONS OF PIER 1 AND PIER 2 FOR SN 016-1322 IN THE MEDIAN OF I-90/94.

CLOSE THE INSIDE LANE OF WB I-90/94 IN ACCORDANCE WITH STD. 701400 AND 701446.

INSTALL BARRICADES ALONG THE SLIP RAMP EXITING THE EXPRESS LANES AND CLOSE THE INSIDE LANE OF EB I-90/94.

SHIFT EB AND WB I-90/94 TRAFFIC INTO THE STAGE III CONFIGURATION AS SHOWN ON THE PLANS INCLUDING INSTALLATION OF TEMPORARY CONCRETE BARRIER AND TEMPORARY ATTENUATORS ADJACENT TO THE WORK ZONE IN ACCORDANCE WITH DISTRICT DETAIL TC-17.

I-90/94, STAGING NOTES: STAGE IIIB

SEE SPECIAL PROVISIONS FOR STAGING AND LANE CLOSURE RESTRICTIONS.

ALL TRAFFIC CONTROL DEVICES, INCLUDING TEMPORARY CONCRETE BARRIER SHALL BE RELOCATED OUT OF THE TRAVEL LANES TO THE LOCATIONS SHOWN ON THE STAGING TYPICAL SECTIONS, AND ALL LANES OPENED BACK TO TRAFFIC.

I-90/94, STAGING NOTES: STAGE IIIC

INSTALL SUBSTAGE IIIC SIGN PANEL OVERLAYS.

WORK IN THIS STAGE CONSISTS OF CONSTRUCTING THE EB AND WB I-90/94 SHOULDERS AND PORTIONS OF THE RAMP C ENTRANCE RAMP GORE.

SHIFT ALL WB I-90/94 TRAFFIC LANES IN 11 FOOT LANES TO LOCATIONS AS SHOWN IN THE PLANS.

CLOSE THE INSIDE LANE OF THE 2-LANE EXIT RAMP FROM EB I-90/94 TO EB OHIO STREET AND THE OUTSIDE LANE OF EB I-90/94. SHIFT ALL EB I-90/94 TRAFFIC LANES IN 11 FOOT LANES TO LOCATIONS AS SHOWN IN THE PLANS.

INSTALL TEMPORARY BARRIER WALL ALONG THE EB AND WB I-90/94 OUTSIDE SHOULDER IN ACCORDANCE WITH TC-17, STAGING TYPICAL SECTIONS, AND THE PLANS.

I-90/94, STAGING NOTES: STAGE IIID

WORK IN THIS STAGE CONSISTS OF CONSTRUCTING THE NORTH HALF OF THE RAMP C ENTRANCE RAMP GORE AND SETTING THE REMAINING BEAMS FOR SN 016-1322.

RELOCATE THE TEMPORARY BARRIER WALL TO THE LOCATIONS SHOWN ON THE STAGING TYPICAL SECTIONS AND PLANS.

SHIFT ALL EB AND WB I-90/94 TRAFFIC INTO THE ORIGINAL CONFIGURATION. TEMPORARY LANES CLOSURES ALONG EB I-90/94 AND WB I-90/94 WILL BE PERMITTED DURING THE HOURS SPECIFIED IN THE SPECIAL PROVISIONS.

I-90/94, STAGING NOTES: STAGE IIIE

WORK IN THIS STAGE CONSISTS OF CONSTRUCTING THE SOUTH HALF OF THE THE RAMP C ENTRANCE RAMP GORE.

INSTALL THE RAMP C TEMPORARY BARRIER WALL TO THE LOCATIONS SHOWN ON THE STAGING TYPICAL SECTIONS AND PLANS.

CLOSE LANE 5 (OUTSIDE LANE) OF EB I-90/94 AS SHOWN ON THE PLANS. LANES 1-4 WILL REMAIN IN THEIR ORIGINAL CONFIGURATION.

CONSTRUCT THE RMEINADER THE REMAINDER OF THE RAMP C ENTRANCE RAMP GORE.

RAMP C, STAGING NOTES: STAGE III

INSTALL CHANGEABLE MESSAGE SIGNS AND SIGN PANEL OVERLAYS PRIOR TO START OF CONSTRUCTION ACTIVITY ON I-90/94 AND ONTARIO STREET.

WORK IN THIS STAGE CONSISTS OF CONSTRUCTING TEMPORARY PAVEMENT ALONG RAMP C, REMOVING PORTIONS OF EXISTING RAMP C PAVEMENT AND CONSTRUCTING PORTIONS OF PROPOSED RAMP C AS SHOWN IN THE PLANS AND TYPICAL SECTIONS.

WORK IN THIS STAGE CONSISTS OF CONSTRUCTING THE REMAINDER OF THE SUBSTRUCTURE FOR SN 016-1322, INCLUDING GROUND IMPROVEMENTS (INSTALLATION OF AGGREGATE PIERS), PORTIONS OF THE EAST APPROACH MSE WALL AND TEMPORARY GEOTEXTILE WALL, AS SHOWN IN THE PLANS.

PRIOR TO SHIFTING RAMP C TRAFFIC INTO TEMPORARY LANE CONFIGURATION, TEMPORARY PAVEMENT SHALL BE CONSTRUCTED TO THE ALIGNMENT SHOWN ON THE PLANS. TRAFFIC DURING THIS STAGE SHALL REMAIN ON EXISTING RAMP C ALIGNMENT AND WORK SHALL BE DONE ON ACCORDANCE WITH DETAIL TC-17, PARTIAL RAMP CLOSURES, MAINTAINING A MINIMUM OF A 12' TRAFFIC LANE AT ALL TIMES.

SHIFT RAMP C TRAFFIC INTO THE STAGE III CONFIGURATION AS SHOWN ON THE PLANS INCLUDING INSTALLATION OF THE TEMPORARY CONCRETE BARRIER ADJACENT TO THE TEMPORARY RAMP C PAVEMENT.

SEE ELECTRICAL PLANS FOR TEMPORARY LIGHTING PLANS ALONG RAMP C

GROUND IMPROVEMENTS (AGGREGATE PIERS) FOR MSE WALL CONSTRUCTION REQUIRE SETTLEMENT PERIOD. SEE STRUCTURAL PLANS.

RAMP A, STAGING NOTES: STAGE IIIA

WORK IN THIS STAGE CONSISTS OF CONSTRUCTING ALL REMAINING WORK FOR SN 016-2573, ALONG THE SOUTH HALF OF THE UNDERPASS, INCLUDING ABUTMENT REPAIRS AS SHOWN IN THE PLANS AND TYPICAL SECTIONS.

SHIFT RAMP A TRAFFIC INTO THE SUBSTAGE A CONFIGURATION AS SHOWN ON THE PLANS INCLUDING THE TEMPORARY CONCRETE BARRIER ADJACENT TO RAMP TRAFFIC.

RAMP A, STAGING NOTES: STAGE IIIB

WORK IN THIS STAGE CONSISTS OF CONSTRUCTING ALL REMAINING WORK FOR SN 016-2573, ALONG THE NORTH HALF OF THE UNDERPASS, INCLUDING ABUTMENT REPAIRS AS SHOWN IN THE PLANS AND TYPICAL SECTIONS.

SHIFT RAMP A TRAFFIC INTO THE SUBSTAGE B CONFIGURATION AS SHOWN ON THE PLANS INCLUDING THE TEMPORARY CONCRETE BARRIER ADJACENT TO RAMP TRAFFIC.

RAMP A, STAGING NOTES: STAGE IIIC

WORK IN THIS STAGE CONSISTS OF REPLACEMENT OF THE REMAINING EXISTING PPC DECK BEAMS ALONG SN-016-2573.

RAMP A TRAFFIC WILL BE CLOSED TO TRAFFIC DURING THE HOURS SPECIFIED IN THE SPECIAL PROVISIONS. ALL RAMP A TRAFFIC WILL BE DETOURED AS SHOWN IN THE PLANS. SEE LOCAL DETOUR ROUTING.

RAMP D, STAGING NOTES: STAGE IIIA

WORK IN THIS STAGE CONSISTS OF CONSTRUCTING THE REMAINDER OF THE SUBSTRUCTURE FOR SN 016-1323 ON THE EAST SIDE OF RAMP D, INCLUDING PORTIONS OF THE APPROACH MSE WALL AND TEMPORARY GEOTEXTILE WALL AS SHOWN IN THE PLANS.

SHIFT THE 2-LANE RAMP D TRAFFIC INTO 11 FOOT LANES INTO THE STAGE IIIA LANE CONFIGURATION AS SHOWN ON THE PLANS INCLUDING INSTALLATION OF TEMPORARY CONCRETE BARRIER ADJACENT TO RAMP TRAFFIC.

RAMP D, STAGING NOTES: STAGE IIIB

WORK IN THIS STAGE CONSISTS OF CONSTRUCTING THE REMAINDER OF THE SUBSTRUCTURE FOR SN 016-1323 ON THE WEST SIDE OF RAMP D, INCLUDING PORTIONS OF THE APPROACH MSE WALL AND TEMPORARY GEOTEXTILE WALL AS SHOWN IN THE PLANS.

SHIFT THE 2-LANE RAMP D TRAFFIC INTO 11 FOOT LANES INTO THE STAGE IIIB LANE CONFIGURATION AS SHOWN ON THE PLANS INCLUDING RELOCATION OF TEMPORARY CONCRETE BARRIER ADJACENT TO RAMP TRAFFIC.

RAMP D, STAGING NOTES: STAGE IIIC

WORK IN THIS STAGE CONSISTS OF SETTING THE BEAMS FOR SN 016-1323.

A FULL CLOSURE OF RAMP D TRAFFIC DURING THE HOURS SPECIFIED IN THE SPECIAL PROVISIONS WILL BE PERMITTED.

RAMP C, STAGING NOTES: STAGE IV

WORK IN THIS STAGE CONSISTS OF CONSTRUCTING THE REMAINDER OF THE PROPOSED EMBANKMENT OVER SN 016-2573 AND CONSTRUCT THE PROTECTIVE CONCRETE SURFACE.

ALL TRAFFIC WILL BE IN THE ULTIMATE LANE CONFIGURATION

FILE NAME = $FILE$

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USER NAME = rgall	DESIGNED -	REVISED -
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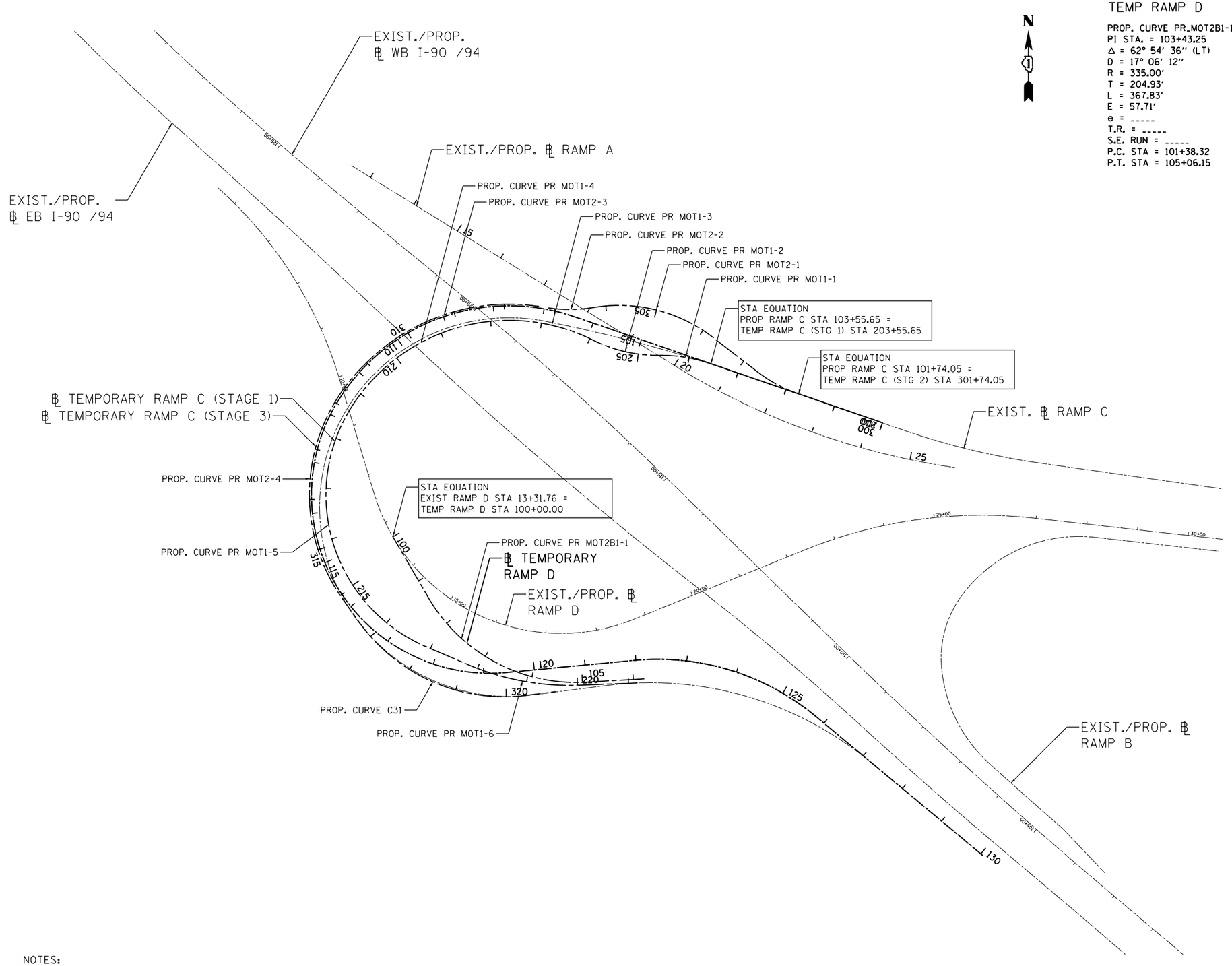
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
STAGING NOTES

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	61
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



TEMP RAMP D

PROP. CURVE PR_MOT2B1-1
PI STA. = 103+43.25
Δ = 62° 54′ 36″ (LT)
D = 17° 06′ 12″
R = 335.00′
T = 204.93′
L = 367.83′
E = 57.71′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 101+38.32
P.T. STA = 105+06.15

TEMP RAMP C (STG 1)

PROP. CURVE PR_MOT1-1
PI STA. = 204+07.64
Δ = 19° 35′ 58″ (LT)
D = 19° 02′ 07″
R = 301.00′
T = 51.99′
L = 102.97′
E = 4.46′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 203+55.65
P.T. STA = 204+58.62

PROP. CURVE PR_MOT1-2
PI STA. = 205+27.30
Δ = 27° 06′ 01″ (RT)
D = 20° 06′ 14″
R = 285.00′
T = 68.69′
L = 134.80′
E = 8.16′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 204+58.62
P.T. STA = 205+93.42

PROP. CURVE PR_MOT1-3
PI STA. = 206+81.09
Δ = 26° 52′ 14″ (LT)
D = 15° 36′ 43″
R = 367.00′
T = 87.67′
L = 172.12′
E = 10.33′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 205+93.42
P.T. STA = 207+65.53

PROP. CURVE PR_MOT1-4
PI STA. = 209+58.93
Δ = 55° 34′ 35″ (LT)
D = 15° 36′ 43″
R = 367.00′
T = 193.40′
L = 355.99′
E = 47.84′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 207+65.53
P.T. STA = 211+21.52

PROP. CURVE PR_MOT1-5
PI STA. = 215+12.59
Δ = 100° 53′ 27″ (LT)
D = 17° 44′ 19″
R = 323.00′
T = 391.07′
L = 568.76′
E = 184.21′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 211+21.52
P.T. STA = 216+90.28

PROP. CURVE PR_MOT1-6
PI STA. = 218+93.67
Δ = 25° 22′ 33″ (LT)
D = 11° 14′ 04″
R = 510.00′
T = 114.82′
L = 225.87′
E = 12.77′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 217+78.85
P.T. STA = 220+04.72

TEMP RAMP C (STG 2)

PROP. CURVE PR_MOT2-1
PI STA. = 302+20.91
Δ = 18° 40′ 21″ (RT)
D = 20° 06′ 14″
R = 285.00′
T = 46.86′
L = 92.88′
E = 3.83′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 301+74.05
P.T. STA = 302+66.93

PROP. CURVE PR_MOT2-2
PI STA. = 305+07.64
Δ = 47° 08′ 49″ (LT)
D = 19° 02′ 07″
R = 301.00′
T = 131.34′
L = 247.68′
E = 27.41′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 303+76.30
P.T. STA = 306+23.99

PROP. CURVE PR_MOT2-3
PI STA. = 306+69.12
Δ = 17° 59′ 56″ (RT)
D = 20° 06′ 14″
R = 285.00′
T = 45.14′
L = 89.53′
E = 3.55′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 306+23.99
P.T. STA = 307+13.52

PROP. CURVE PR_MOT2-4
PI STA. = 309+35.64
Δ = 54° 20′ 08″ (LT)
D = 14° 25′ 56″
R = 397.00′
T = 203.75′
L = 376.49′
E = 49.23′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 307+31.89
P.T. STA = 311+08.38

PROP. CURVE C31
PI STA. = 314+11.90
Δ = 81° 13′ 10″ (LT)
D = 16° 11′ 07″
R = 354.00′
T = 303.52′
L = 501.81′
E = 112.30′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 311+08.38
P.T. STA = 316+10.19

PROP. CURVE C32
PI STA. = 318+72.80
Δ = 61° 38′ 13″ (LT)
D = 16° 22′ 13″
R = 350.00′
T = 208.79′
L = 376.52′
E = 57.55′
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA = 316+64.01
P.T. STA = 320+40.52

NOTES:
1. SEE ALIGNMENT AND TIES SHEETS FOR ADDITIONAL DETAILS.

FILE NAME = i:\2000 - I94 at Ohio Street\CADD\CADD SHEETS\MOT\0160F63-sht-MOT-align.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
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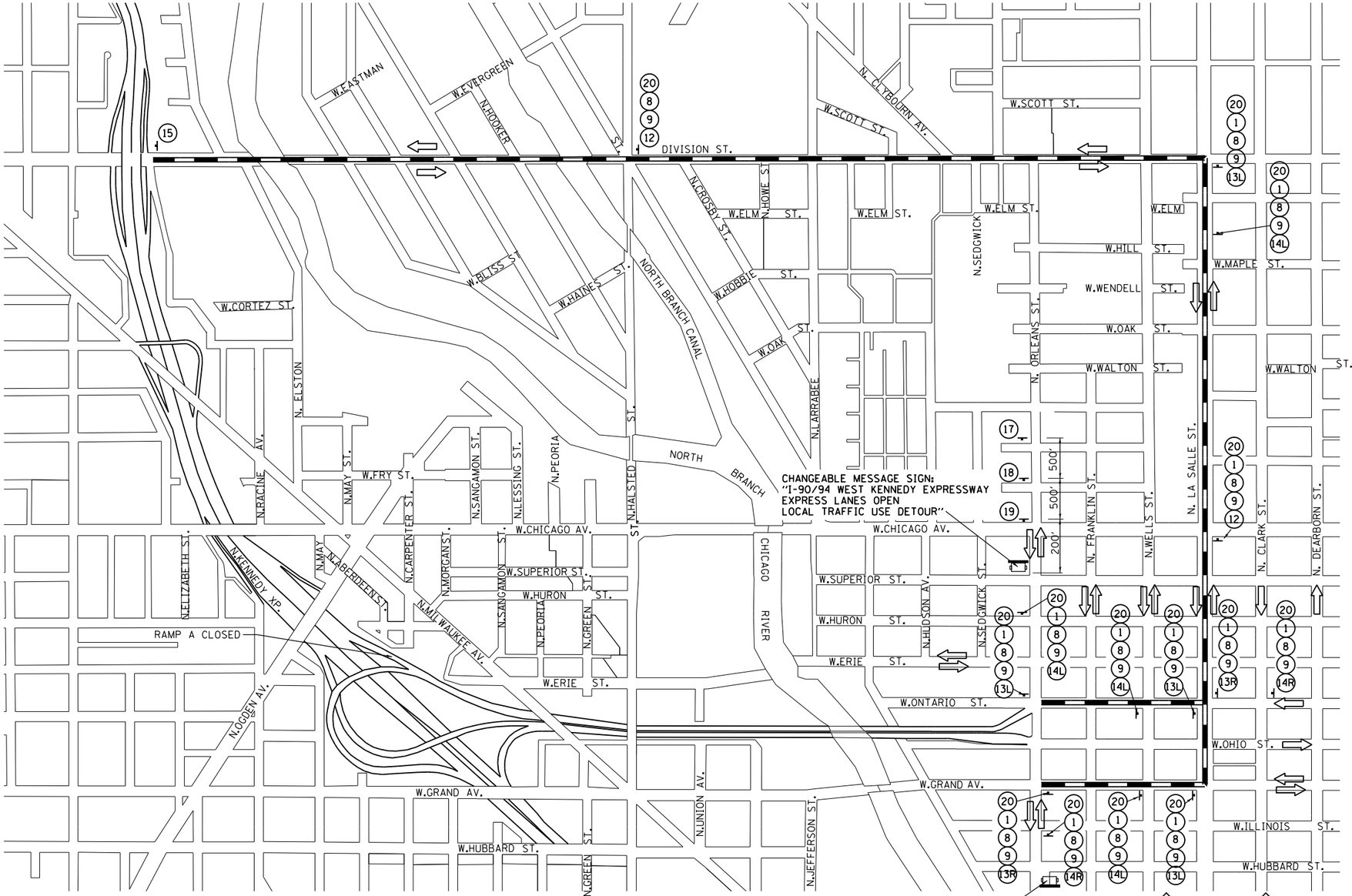
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
TEMPORARY RAMP ALIGNMENTS

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	62
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



CHANGEABLE MESSAGE SIGN:
"I-90/94 WEST KENNEDY EXPRESSWAY
EXPRESS LANES OPEN
LOCAL TRAFFIC USE DETOUR"

ROAD CLOSED AHEAD — (17) W20-3-4848

DETOUR AHEAD — (18) W20-2-4848

ROAD CLOSED 500 FT — (19) W20-3-4848

ROAD CLOSED TO THRU TRAFFIC — (16)

END DETOUR — (15) M4-8A (24" x 18")

LOCAL — (20) 2412

NORTH — (1) M3-1-2412

WEST — (4) M3-4-2412

DETOUR — (8) M4-8-2412

(12) M6-3-2115

(13L) M6-1L-2115

(14R) M5-1R-2115

INTERSTATE 90 — M1-40-2424

INTERSTATE 94 — M1-40-2424

(9)

N ORLEANS STREET — (10) M4-8-2412

W ONTARIO STREET — (11) M6-3-2115

(13R) M6-1R-2115

(14L) M5-1L-2115

NOTES:

1. SEE STAGING NOTES AND SPECIAL PROVISIONS FOR DESCRIPTION OF WHEN THE DETOUR ROUTING SHALL BE IN EFFECT.
2. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH TC-21 (TYPICAL MARKING FOR CLOSING STATE HIGHWAYS).
3. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
4. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.

LEGEND:

DETOUR ROUTE

TYPE III BARICADE

FILE NAME = \\collinseng.com\vi\data-vi\Poseidon\DOCS\7000 - I94 at Ohio Street\CADD\CADD SHEETS\MDT\D160F63-sht-staging-stg2B-detour.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
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PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

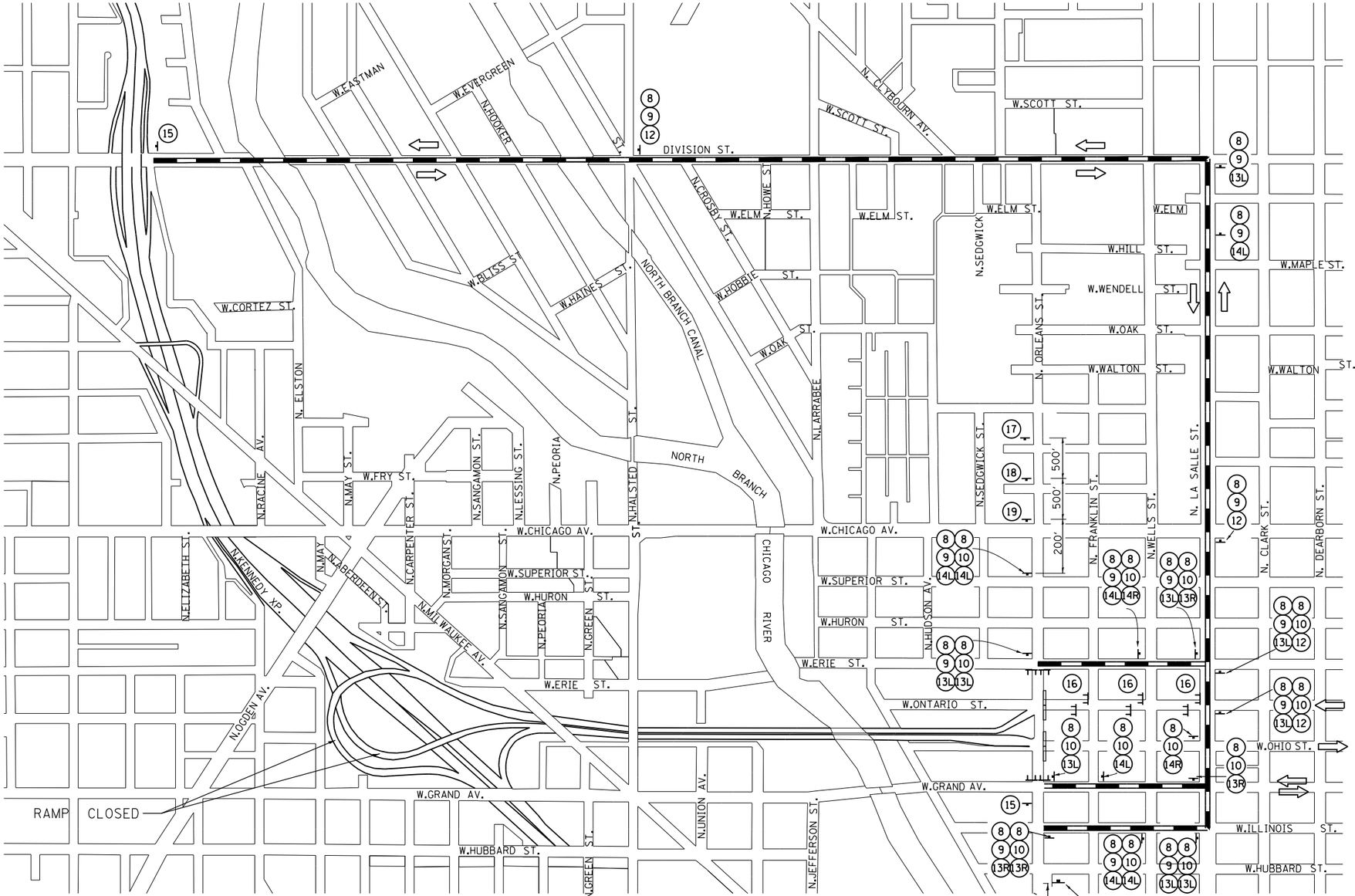
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
DETOUR ROUTE A

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	63
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



NOTES:

1. SEE STAGING NOTES AND SPECIAL PROVISIONS FOR DESCRIPTION OF WHEN THE DETOUR ROUTING SHALL BE IN EFFECT.
2. PLACEMENT AND SPACING OF SIGNS AND BARRICADES SHALL BE IN ACCORDANCE WITH TC-21 (TYPICAL MARKING FOR CLOSING STATE HIGHWAYS).
3. THE COST OF SUPPLYING, ERECTING AND MAINTAINING BARRICADES, WARNING LIGHTS AND SIGNS ALONG ALL DETOUR ROUTES SHALL BE INCLUDED IN THE CONTRACT COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).
4. ALL DETOUR SIGNS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.

NORTH (1) M3-1-2412

WEST (4) M3-4-2412

DETOUR (8) M4-8-2412

(12) M6-3-2115

(13L) M6-1L-2115

(14R) M5-1R-2115

ROAD CLOSED TO THRU TRAFFIC (16)

ROAD CLOSED AHEAD (17) W20-3-4848

DETOUR AHEAD (18) W20-2-4848

ROAD CLOSED 500 FT (19) W20-3-4848

INTERSTATE 90 M1-40-2424

INTERSTATE 94 M1-40-2424

(9)

N ORLEANS STREET (10) M4-8-2412

W ONTARIO STREET (11) M6-3-2115

(13R) M6-1R-2115

(14L) M5-1L-2115

END DETOUR (15) M4-8A (24" x 18")

LEGEND:

DETOUR ROUTE

TYPE III BARICADE

FILE NAME = $FILE$

COLLINS ENGINEERS INC

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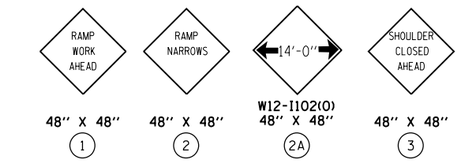
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-90/94 AT OHIO STREET
DETOUR ROUTE B

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	64
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTES:

1. ALL DETOUR SIGNS AND OVERLAY PANELS SHALL HAVE AN ORANGE BACKGROUND WITH BLACK LETTERS.
2. FOLLOW THE LATEST MUTCD MANUAL AND IDOT STANDARDS FOR DETOUR SIGNS AND MAINTENANCE OF TRAFFIC SIGNS.
3. ALL SIGNS AND OVERLAY PANELS SHOWN IN THE MAINTENANCE OF TRAFFIC PLANS SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF "TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).

FILE NAME = i:\7000 - 194 at Ohio Street\CADD\CADD SHEETS\MOT\D160F63-sht-staging-tempsign_stage1.dgn

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	DATE -	REVISED -	

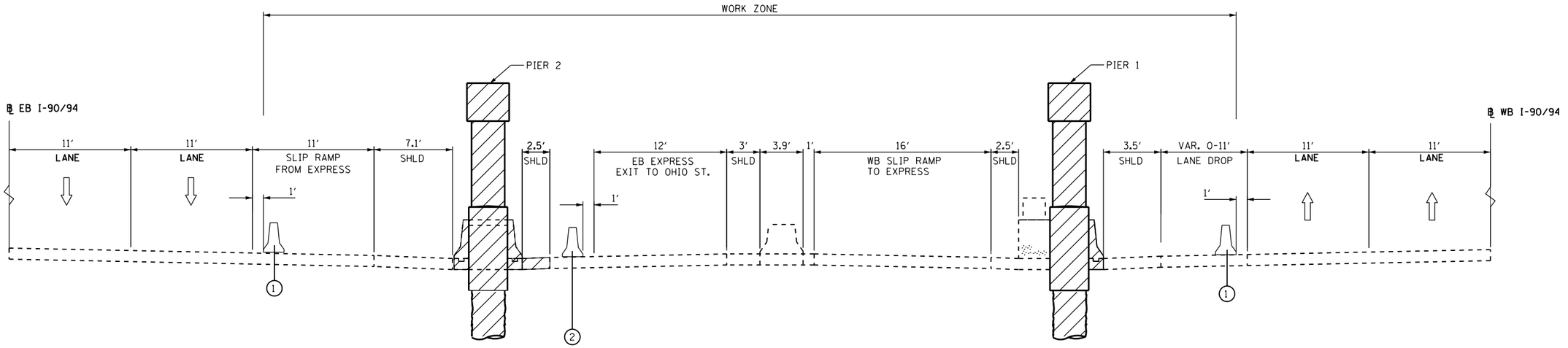
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
TEMPORARY SIGNING PLAN
STAGE I

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

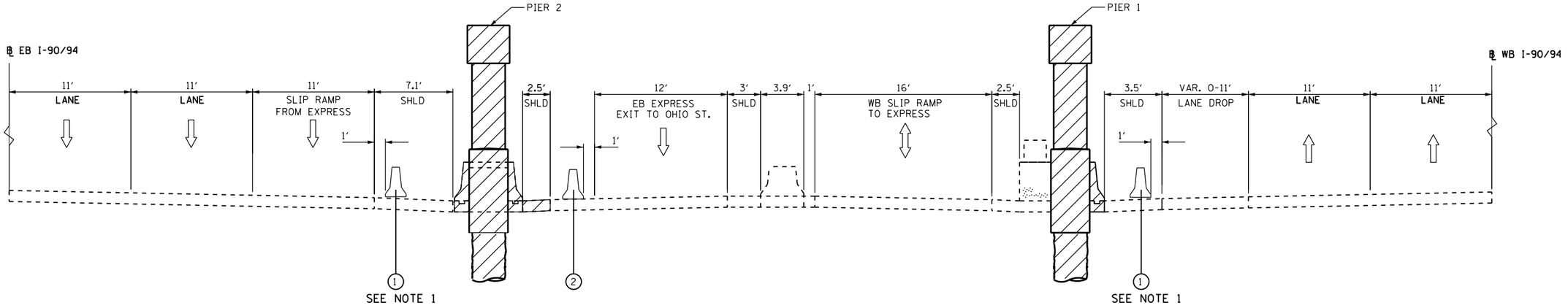
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	65
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



TYPICAL SECTION - SUBSTAGE 1A (WORK ACTIVITIES)

I-90/ 94 (KENNEDY EXPRESSWAY)



TYPICAL SECTION - SUBSTAGE 1B (NON-WORK ACTIVITIES)

I-90/ 94 (KENNEDY EXPRESSWAY)

NOTES:

1. MOVABLE TRAFFIC BARRIER TO BE RELOCATED AS SHOWN IN SUBSTAGE IB DURING NON-WORK ACTIVITIES. SEE SPECIAL PROVISION FOR WORK RESTRICTION HOURS.

PROPOSED LEGEND:

(1) MOVEABLE TRAFFIC BARRIER

(2) TEMPORARY CONCRETE BARRIER

FILE NAME = i:\7000 - 194 at Ohio Street\CADD\CADD SHEETS\MOT\D160F63-sht-staging-tgp-stgl-90_94.dgn

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	DATE -	REVISED -

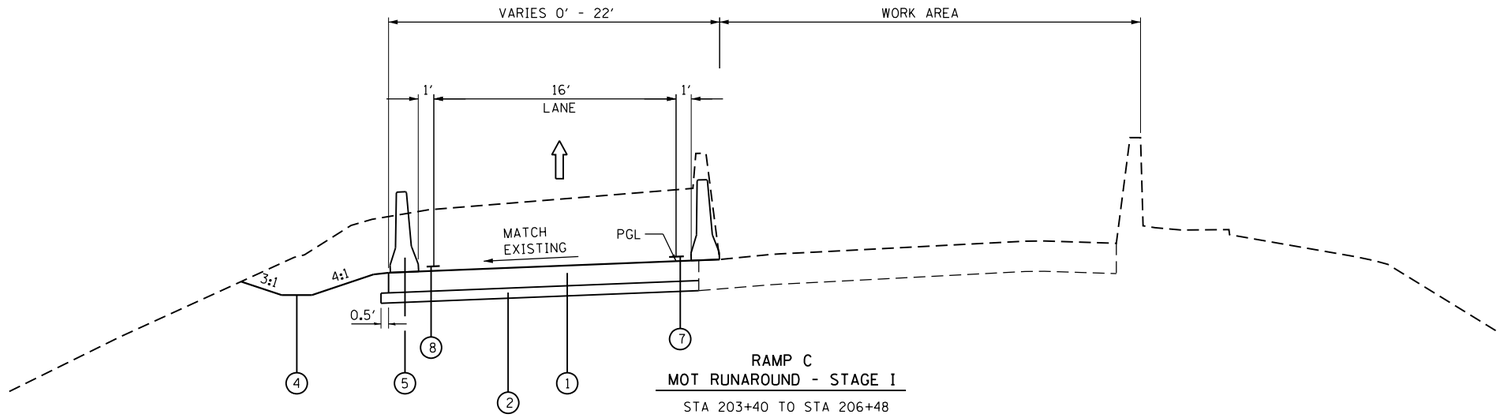
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
I-90/94 TYPICAL SECTIONS
STAGE I

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

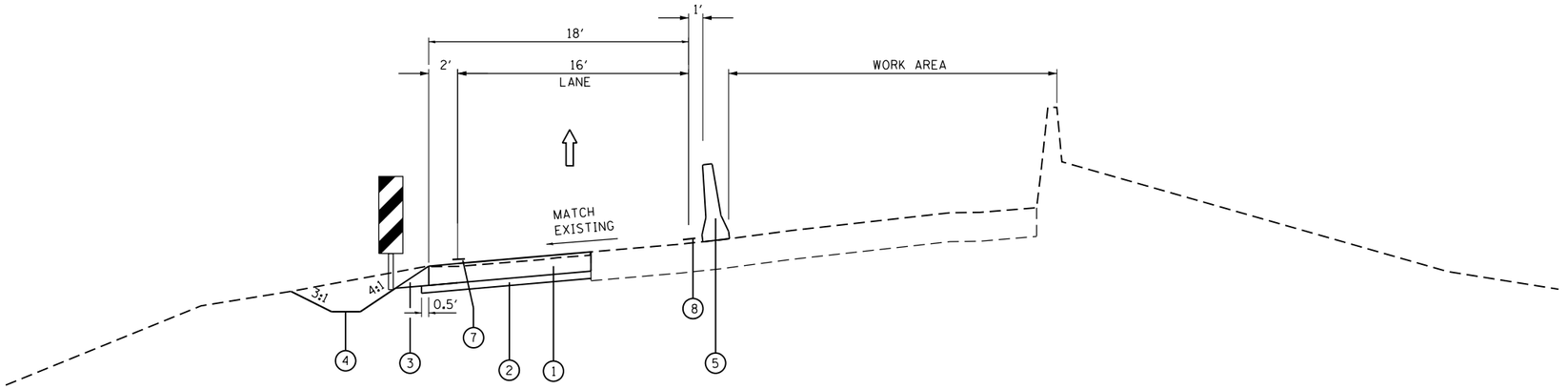
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	66
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



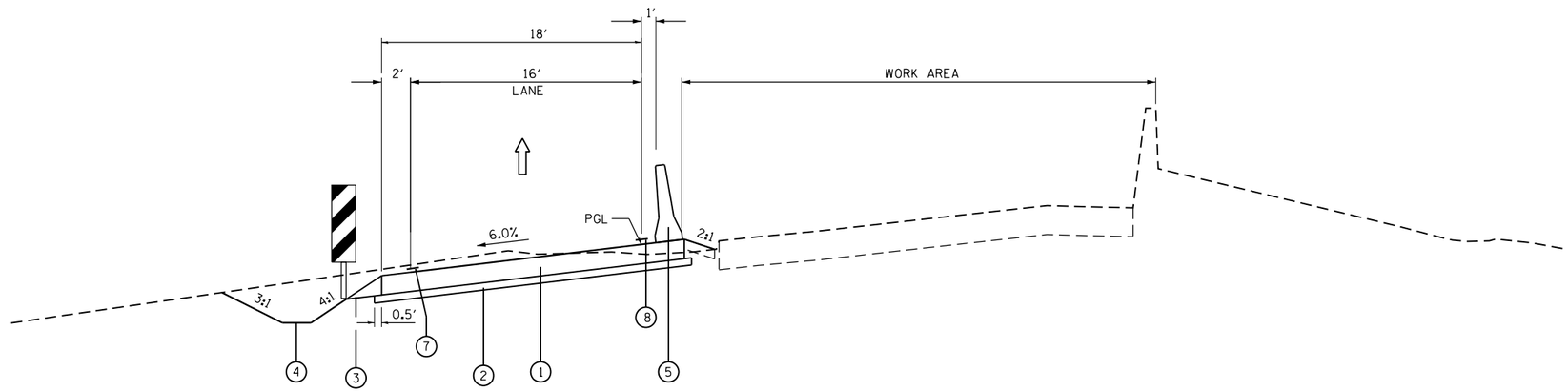
RAMP C
MOT RUNAROUND - STAGE I

STA 203+40 TO STA 206+48



RAMP C
MOT RUNAROUND - STAGE I

STA 212+70 TO STA 214+77



RAMP C
MOT RUNAROUND - STAGE I

STA 212+70 TO STA 215+56

PROPOSED LEGEND:

1. TEMPORARY PAVEMENT, 8"
2. AGGREGATE SUBGRADE IMPROVEMENT, 4"
3. AGGREGATE SHOULDERS, TYPE B, 6"
4. TEMPORARY EROSION CONTROL SEEDING
5. TEMPORARY CONCRETE BARRIER
6. TEMPORARY CONCRETE BARRIER, RELOCATE
7. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" WHITE
8. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" YELLOW
9. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" WHITE (2' DASH - 6' SKIP)
10. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 8" WHITE

NOTES:

1. SEE STRUCTURAL PLANS FOR STAGE I TYPICAL CROSS SECTIONS FROM STA 206+48 TO STA 212+70.
2. TEMPORARY PAVEMENT ON RAMP C SHALL BE ACCORDING TO THE PAVEMENT STRUCTURE DETAILS AND MIX DESIGN REQUIREMENTS ON THE TYPICAL SECTIONS
3. THE TEMPORARY CONCRETE BARRIER SHALL BE SECURED TO THE PAVEMENT USING THREE (3) ANCHORING PINS ON THE TRAFFIC SIDE OF THE BARRIER AT LOCATIONS WHERE A HAZARD OR SLOPE STEEPER THAN 1V:10H EXISTS WITHIN 3 FEET TO THE BARRIER. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TEMPORARY CONCRETE BARRIER", OR "RELOCATE TEMPORARY CONCRETE BARRIER", AS APPLICABLE.
4. THE PAY ITEM, TEMPORARY PAVEMENT, 8 INCH, INCLUDES BOTH TEMPORARY PAVEMENT AND TEMPORARY SHOULDERS.

FILE NAME = i:\7000 - 194 at Ohio Street\CADD\CADD SHEETS\MOT\D160F63-sht-staging-tgp-stgI-tempruna roundd.dgn

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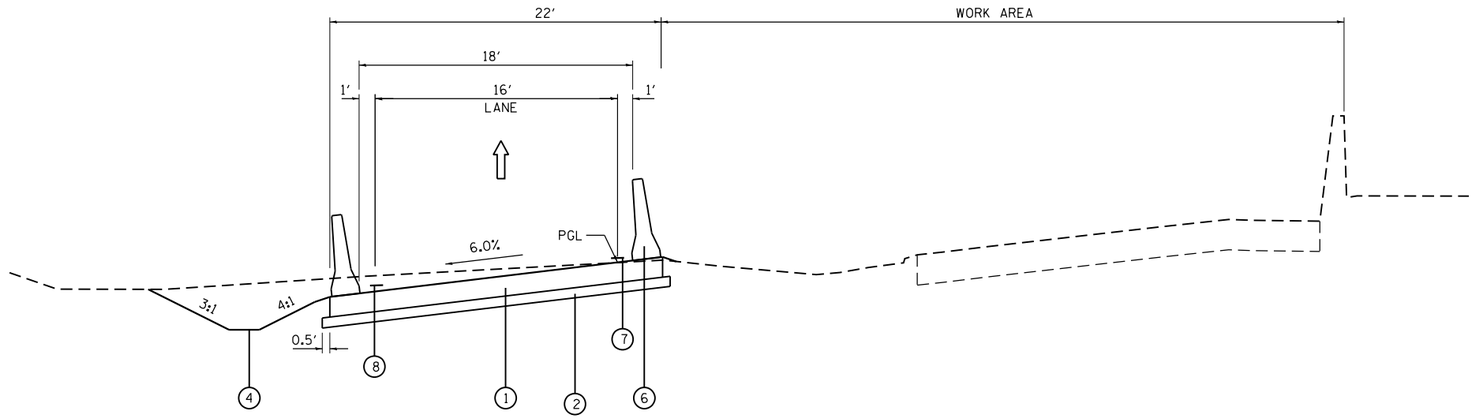
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
RAMP C TYPICAL SECTIONS
STAGE I

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	67
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

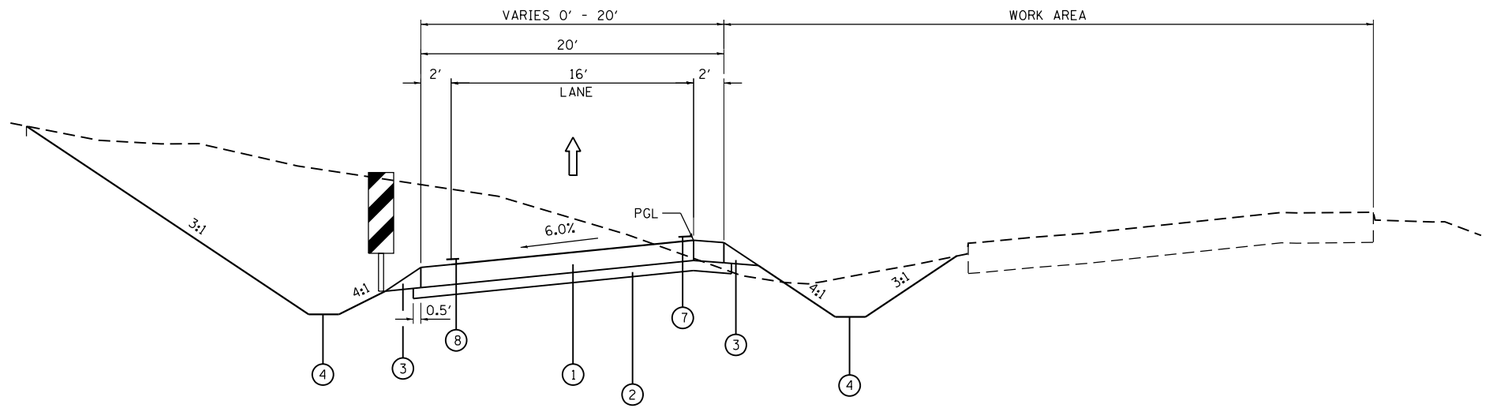


MOT RUNAROUND - STAGE I

STA 215+56 TO STA 216+96

PROPOSED LEGEND:

1. TEMPORARY PAVEMENT, 8"
2. AGGREGATE SUBGRADE IMPROVEMENT, 4"
3. AGGREGATE SHOULDERS, TYPE B, 6"
4. TEMPORARY EROSION CONTROL SEEDING
5. TEMPORARY CONCRETE BARRIER
6. TEMPORARY CONCRETE BARRIER, RELOCATE
7. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" WHITE
8. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" YELLOW
9. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" WHITE (2' DASH - 6' SKIP)
10. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 8" WHITE



MOT RUNAROUND - STAGE I

STA 216+96 TO STA 221+18

NOTES:

1. SEE STRUCTURAL PLANS FOR STAGE I TYPICAL CROSS SECTIONS FROM STA 206+48 TO STA 212+70.
2. TEMPORARY PAVEMENT ON RAMP C SHALL BE ACCORDING TO THE PAVEMENT STRUCTURE DETAILS AND MIX DESIGN REQUIREMENTS ON THE TYPICAL SECTIONS
3. THE TEMPORARY CONCRETE BARRIER SHALL BE SECURED TO THE PAVEMENT USING THREE (3) ANCHORING PINS ON THE TRAFFIC SIDE OF THE BARRIER AT LOCATIONS WHERE A HAZARD OR SLOPE STEEPER THAN 1V:1OH EXISTS WITHIN 3 FEET TO THE BARRIER. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TEMPORARY CONCRETE BARRIER", OR "RELOCATE TEMPORARY CONCRETE BARRIER", AS APPLICABLE.
4. THE PAY ITEM, TEMPORARY PAVEMENT, 8 INCH, INCLUDES BOTH TEMPORARY PAVEMENT AND TEMPORARY SHOULDERS.

FILE NAME = i:\7000 - 194 at Ohio Street\CADD\CADD SHEETS\MOT\D160F63-sht-staging-tgp-stgI-temprunaround.dgn

COLLINS ENGINEERS INC

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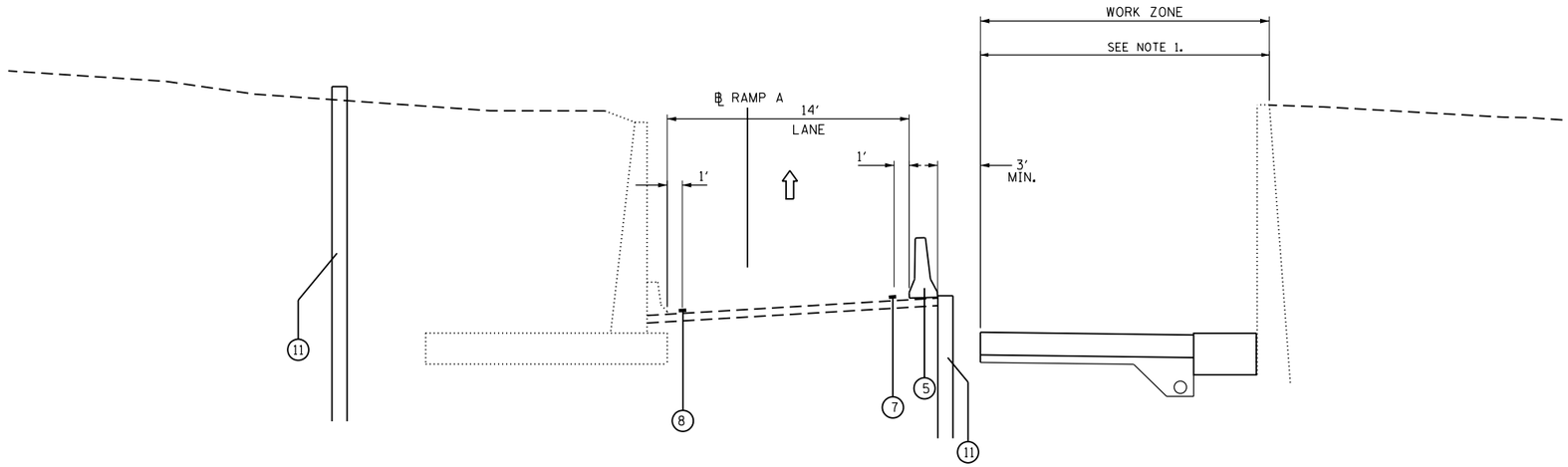
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
RAMP C TYPICAL SECTIONS
STAGE I

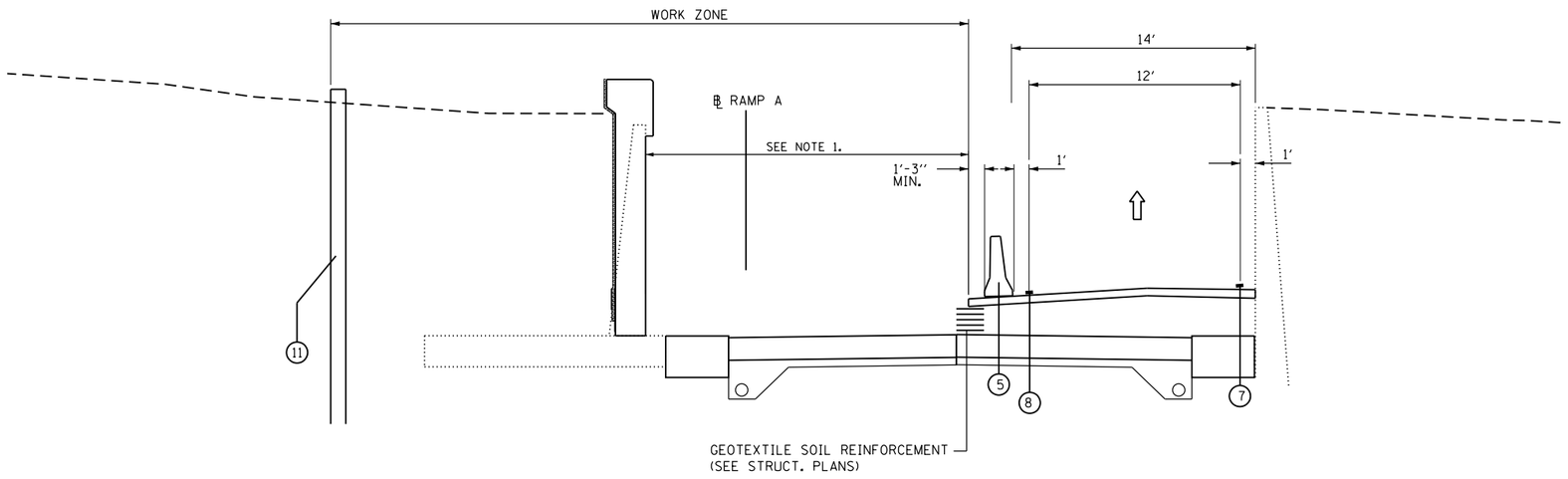
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	68
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



TYPICAL SECTION - SUBSTAGE A

RAMP A



TYPICAL SECTION - SUBSTAGE B

RAMP A

PROPOSED LEGEND:

1. TEMPORARY PAVEMENT, 8"
2. AGGREGATE SUBGRADE IMPROVEMENT, 4"
3. AGGREGATE SHOULDERS, TYPE B, 6"
4. TEMPORARY EROSION CONTROL SEEDING
5. TEMPORARY CONCRETE BARRIER
6. TEMPORARY CONCRETE BARRIER, RELOCATE
7. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" WHITE
8. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" YELLOW
9. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" WHITE (2' DASH - 6' SKIP)
10. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 8" WHITE
11. TEMPORARY SOIL RETENTION

NOTES:

1. SEE STRUCTURAL PLANS FOR LOCATION OF STAGE CONSTRUCTION LINE AND TEMP. SOIL RETENTION DETAILS.
2. RAMP C PAVEMENT AND SN 016-2573 SUPERSTRUCTURE OMITTED FOR CLARITY.
3. THE TEMPORARY CONCRETE BARRIER SHALL BE SECURED TO THE PAVEMENT USING THREE (3) ANCHORING PINS ON THE TRAFFIC SIDE OF THE BARRIER AT LOCATIONS WHERE A HAZARD OR SLOPE STEEPER THAN 1V:10H EXISTS WITHIN 3 FEET TO THE BARRIER. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TEMPORARY CONCRETE BARRIER", OR "RELOCATE TEMPORARY CONCRETE BARRIER", AS APPLICABLE.
4. PRISMATIC BARRIER WALL REFLECTORS SHALL BE INSTALLED ON BOTH THE FACE AND THE TOP OF THE WALL ADJACENT TO TRAFFIC. THE COLOR OF THE REFLECTORS SHALL MATCH THE COLOR OF THE EDGELINES. SEE TRAFFIC CONTROL AND PROTECTION (EXPRESSWAY) SPECIAL PROVISION.

FILE NAME = i:\7000 - I94 at Ohio Street\CADD\CADD SHEETS\MOT\D160F63-sht-staging-typ-stgl-tunnel.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
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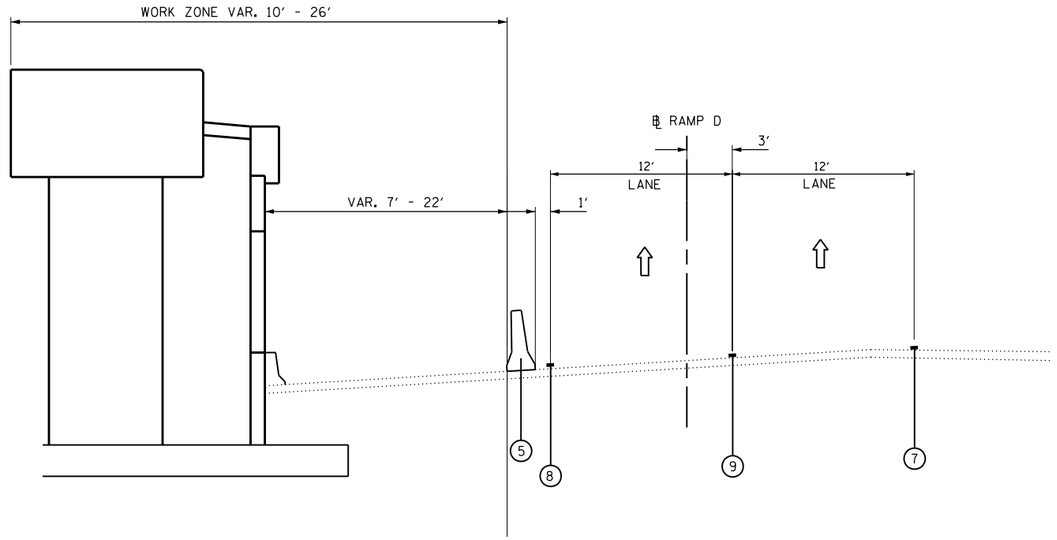
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

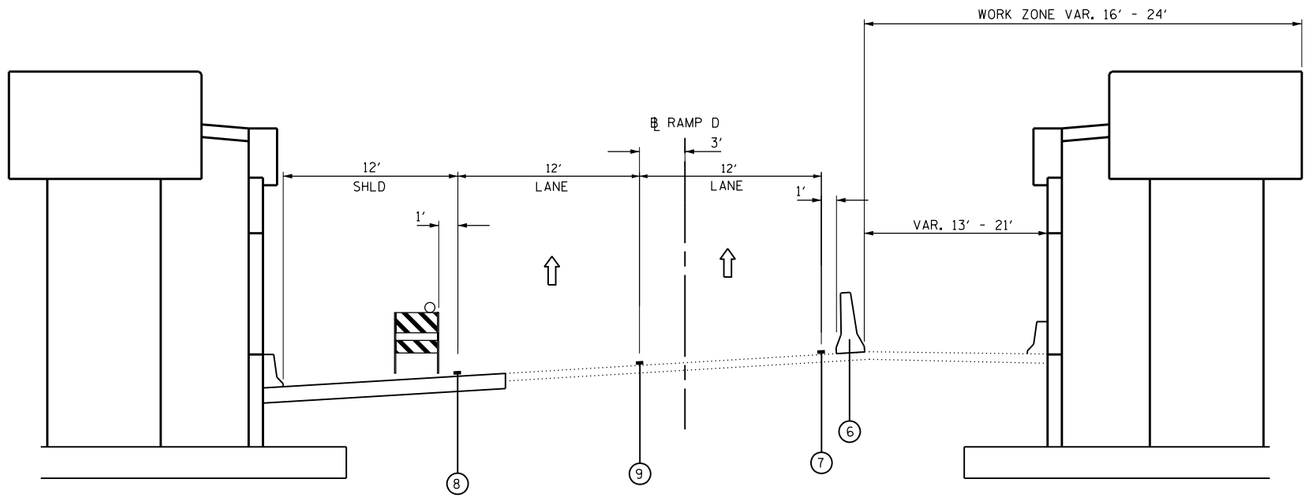
STAGING AND TRAFFIC CONTROL
RAMP A TYPICAL SECTIONS
STAGE I

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	69
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



RAMP D
SUBSTAGE IA



RAMP D
SUBSTAGE IB

PROPOSED LEGEND:

1. TEMPORARY PAVEMENT, 8"
2. AGGREGATE SUBGRADE IMPROVEMENT, 4"
3. AGGREGATE SHOULDERS, TYPE B, 6"
4. TEMPORARY EROSION CONTROL SEEDING
5. TEMPORARY CONCRETE BARRIER
6. TEMPORARY CONCRETE BARRIER, RELOCATE
7. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" WHITE
8. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" YELLOW
9. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" WHITE (2' DASH - 6' SKIP)
10. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 8" WHITE
11. TEMPORARY SOIL RETENTION. SEE STRUCTRAL PLANS.

NOTES:

1. SEE STRUCTURAL PLANS FOR ADDITIONAL DETAILS
2. THE TEMPORARY CONCRETE BARRIER SHALL BE SECURED TO THE PAVEMENT USING THREE (3) ANCHORING PINS ON THE TRAFFIC SIDE OF THE BARRIER AT LOCATIONS WHERE A HAZARD OR SLOPE STEEPER THAN 1V:10H EXISTS WITHIN 3 FEET TO THE BARRIER. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TEMPORARY CONCRETE BARRIER", OR "RELOCATE TEMPORARY CONCRETE BARRIER", AS APPLICABLE.
3. PRISMATIC BARRIER WALL REFLECTORS SHALL BE INSTALLED ON BOTH THE FACE AND THE TOP OF THE WALL ADJACENT TO TRAFFIC. THE COLOR OF THE REFLECTORS SHALL MATCH THE COLOR OF THE EDGELINES. SEE TRAFFIC CONTROL AND PROTECTION (EXPRESSWAY) SPECIAL PROVISION.

FILE NAME = i:\7000 - I94 at Ohio Street\CADD\CADD SHEETS\MOT\D160F63-sht-staging-typ-stgI-RampD.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
RAMP D TYPICAL SECTIONS
STAGE I

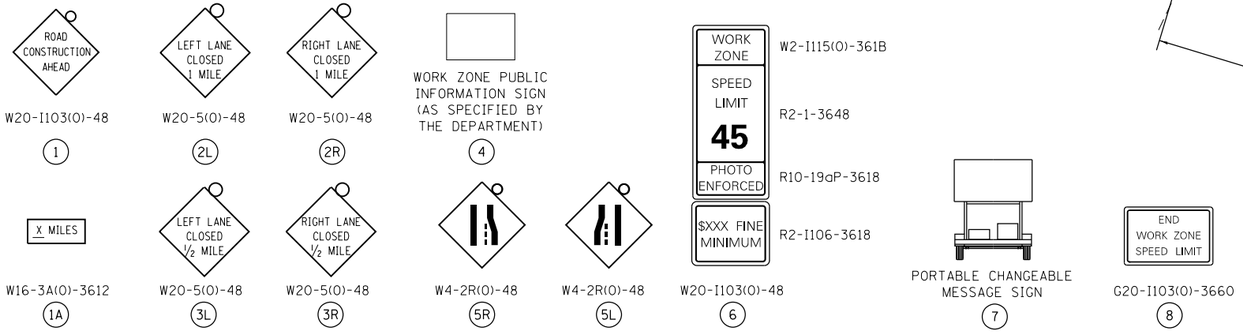
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	70
		CONTRACT NO. 60F63		

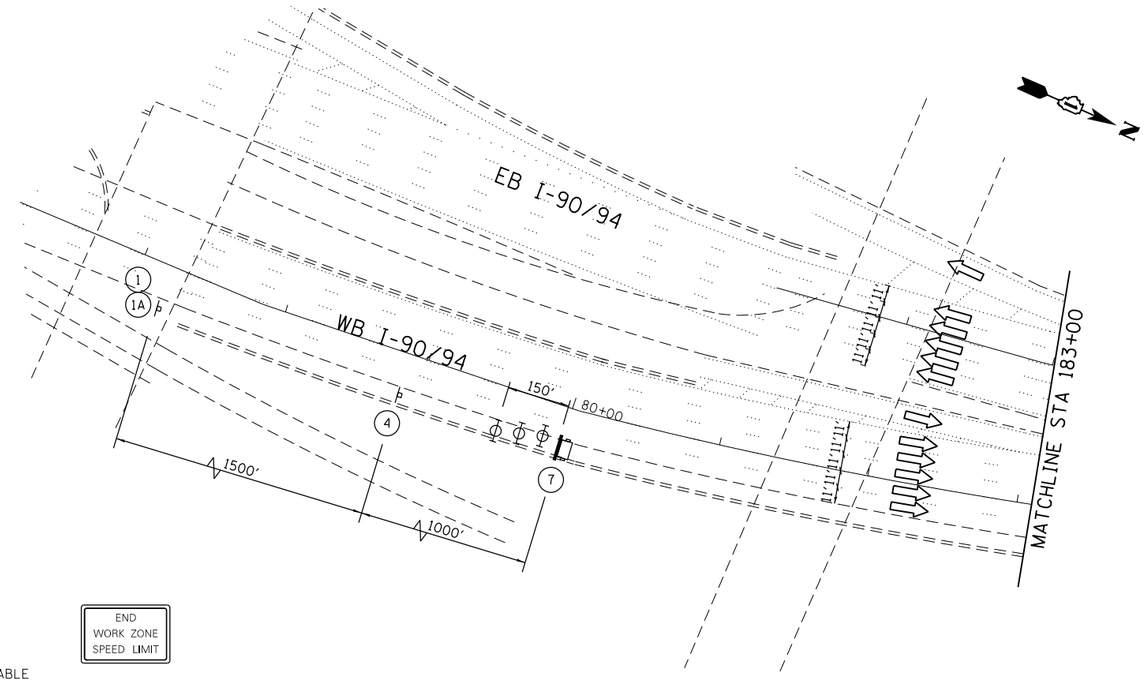
FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

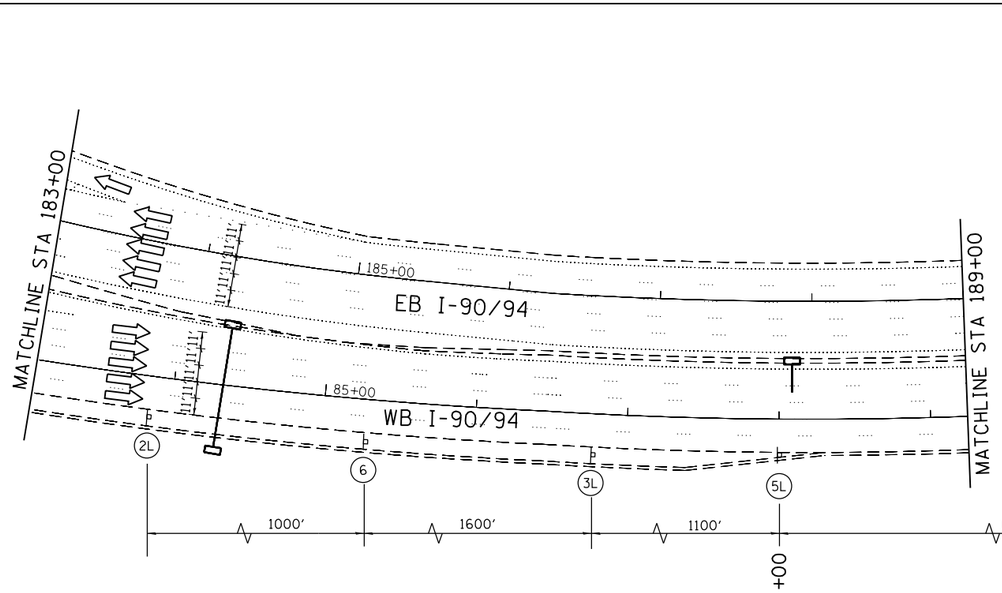
LEGEND

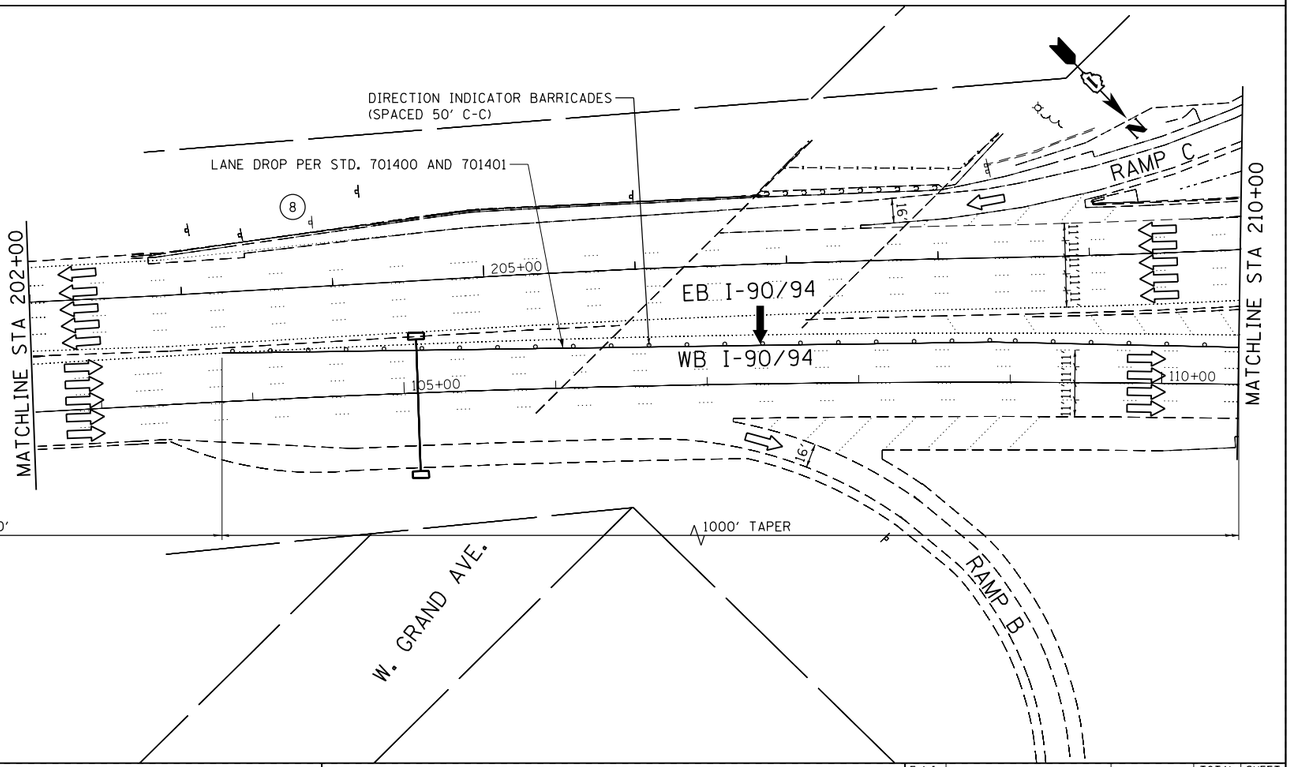
- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- BARRIER WALL MARKERS (AT SPECIFIED SPACING)
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGE



WORK ZONE PUBLIC INFORMATION SIGN (AS SPECIFIED BY THE DEPARTMENT)
4







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COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
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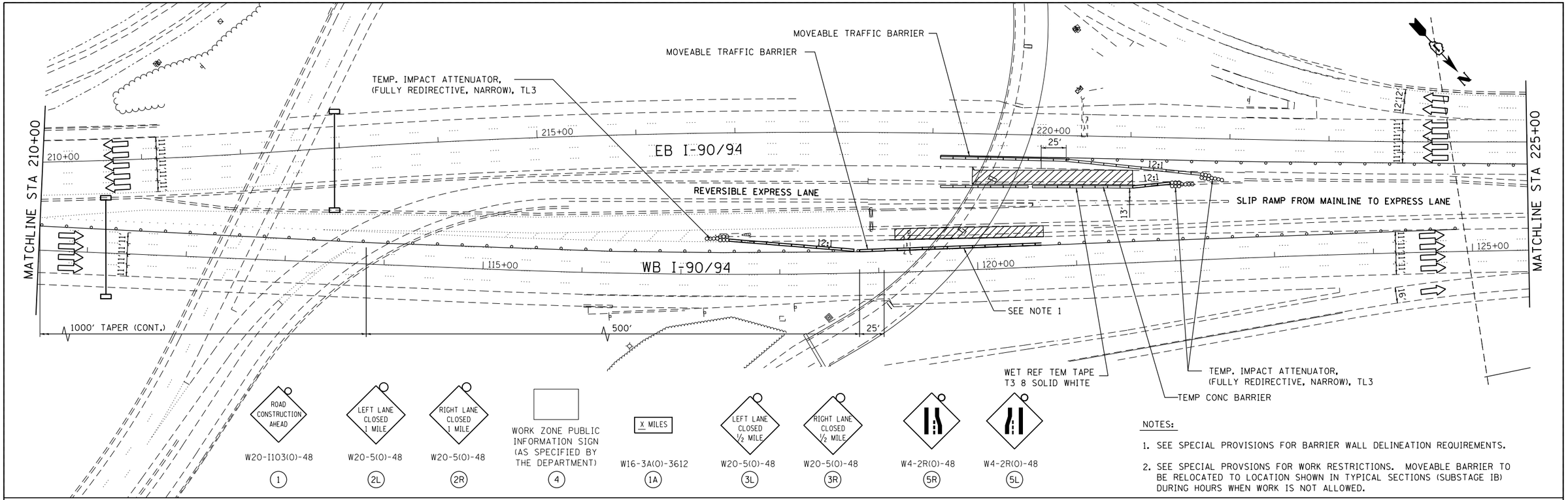
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
I-90/94 (KENNEDY EXPRESSWAY)
STAGE I

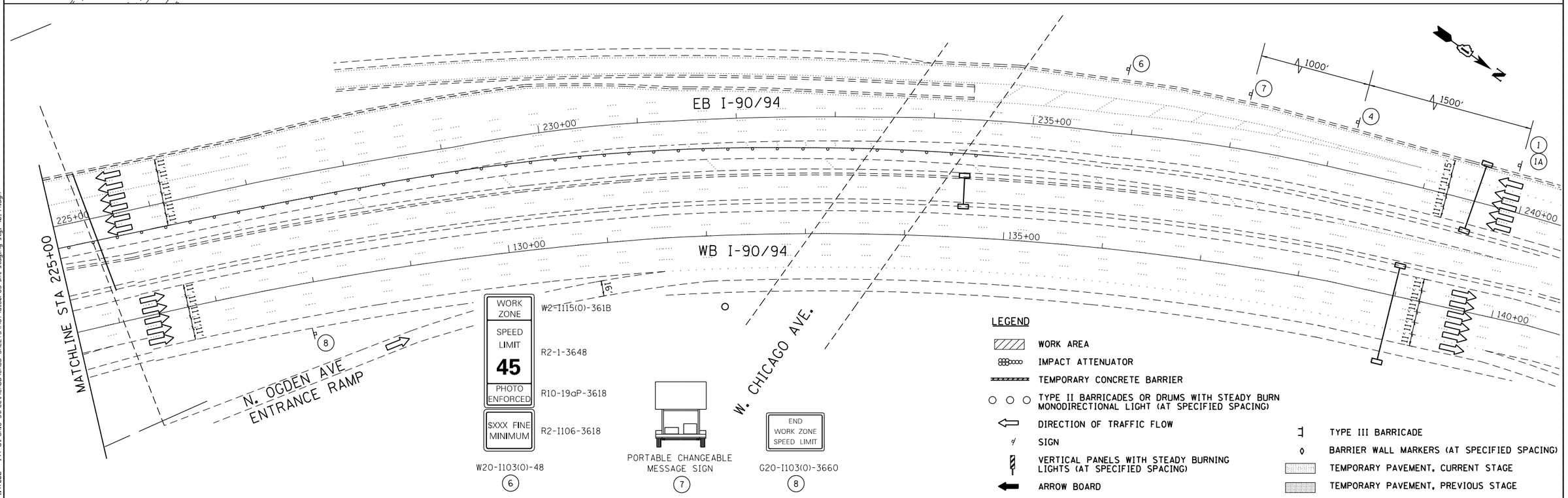
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	71
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



NOTES:

1. SEE SPECIAL PROVISIONS FOR BARRIER WALL DELINEATION REQUIREMENTS.
2. SEE SPECIAL PROVSIONS FOR WORK RESTRICTIONS. MOVEABLE BARRIER TO BE RELOCATED TO LOCATION SHOWN IN TYPICAL SECTIONS (SUBSTAGE IB) DURING HOURS WHEN WORK IS NOT ALLOWED.



LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- BARRIER WALL MARKERS (AT SPECIFIED SPACING)
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGE

FILE NAME = I:\7000 - 194 at Ohio Street\CADD\CADD SHEETS\MOT\D60F63-sht-staging-stgI-90_94.dgn

COLLINS ENGINEERS INC.

USER NAME = rgall	DESIGNED -	REVISED -
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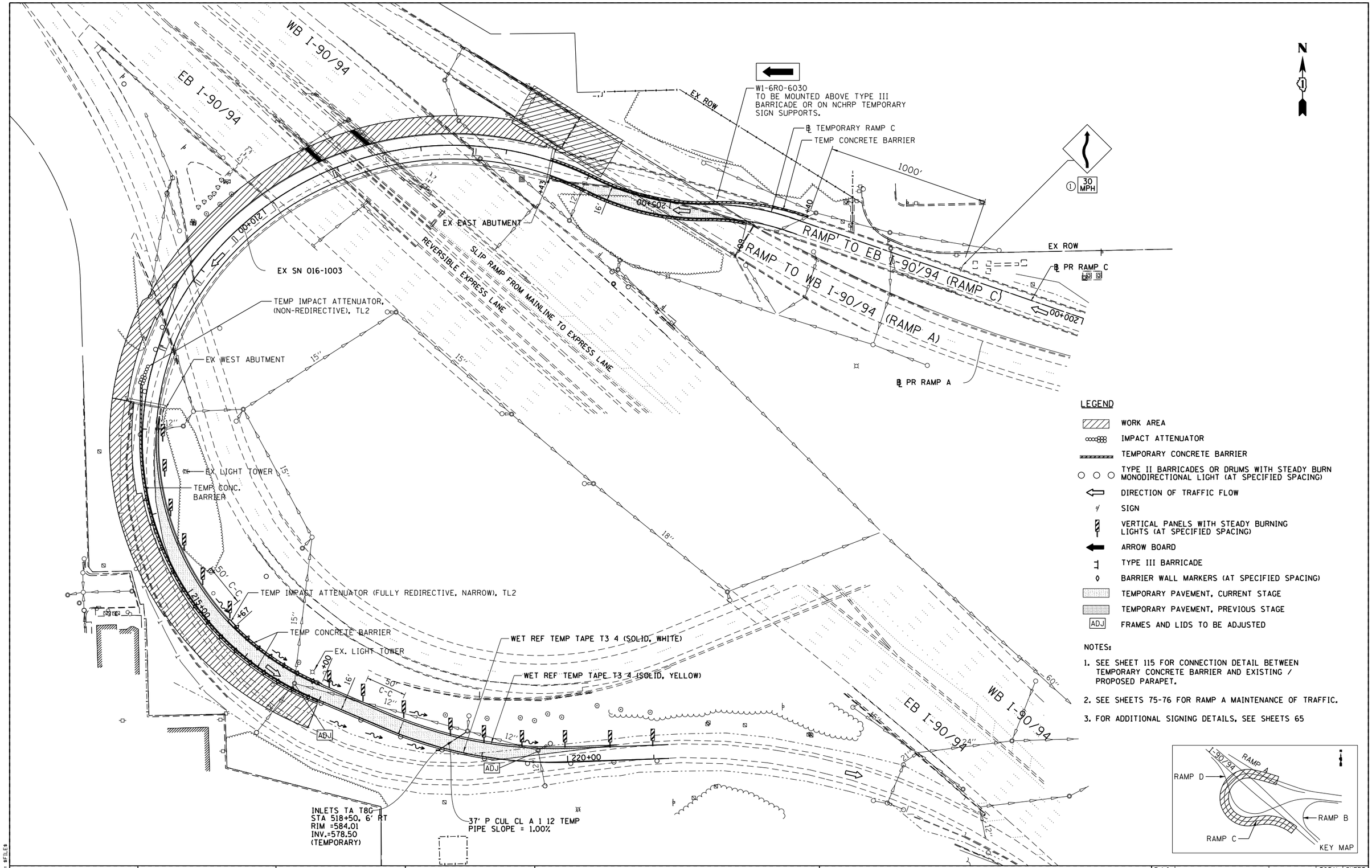
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
I-90/94 (KENNEDY EXPRESSWAY)
STAGE I

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	72
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



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COLLINS ENGINEERS INC.

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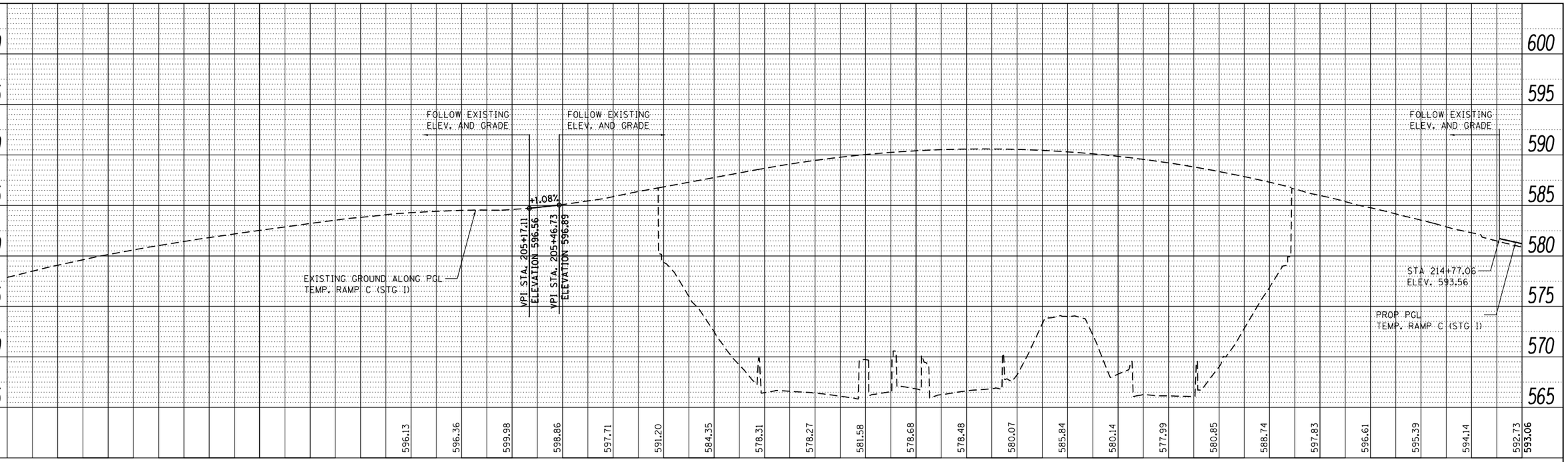
PLOT DATE = 3/25/2013	CHECKED - SWANG	REVISED -	
	DATE - JUNE 21, 2010	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING PLAN
I-90/94 (RAMP C) – STAGE I

SCALE: 1"=50' | SHEET NO. 1 OF 3 SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	73
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



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

PROFILE
SURVEYED
PLOTTED
JOINT CHECKED
R.R. NOTED
STRUCTURE NOTATNS CHKD
NOTE BOOK
NO.
BY
DATE

FILE NAME = i:\7000 - 194 at Ohio Street\CADD\CADD SHEETS\MDT\D160F63-sht-profiles-stgI.dgn

COLLINS ENGINEERS INC

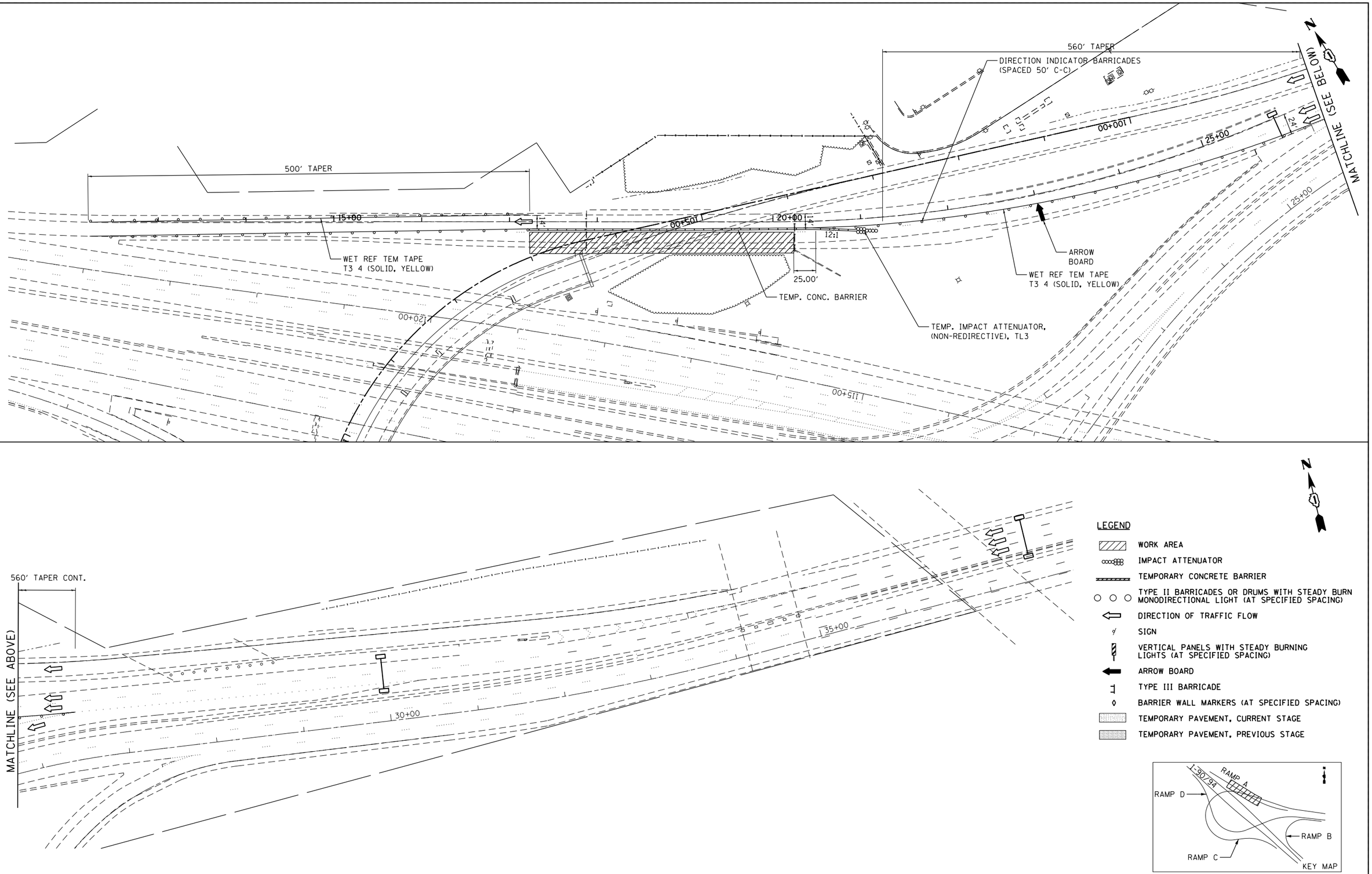
USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 100.000000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
TEMPORARY RAMP C PROFILE
STAGE I

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	74
		CONTRACT NO. 60F63		
		ILLINOIS	FED. AID PROJECT	



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COLLINS ENGINEERS INC

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PLOT SCALE = 100.000000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

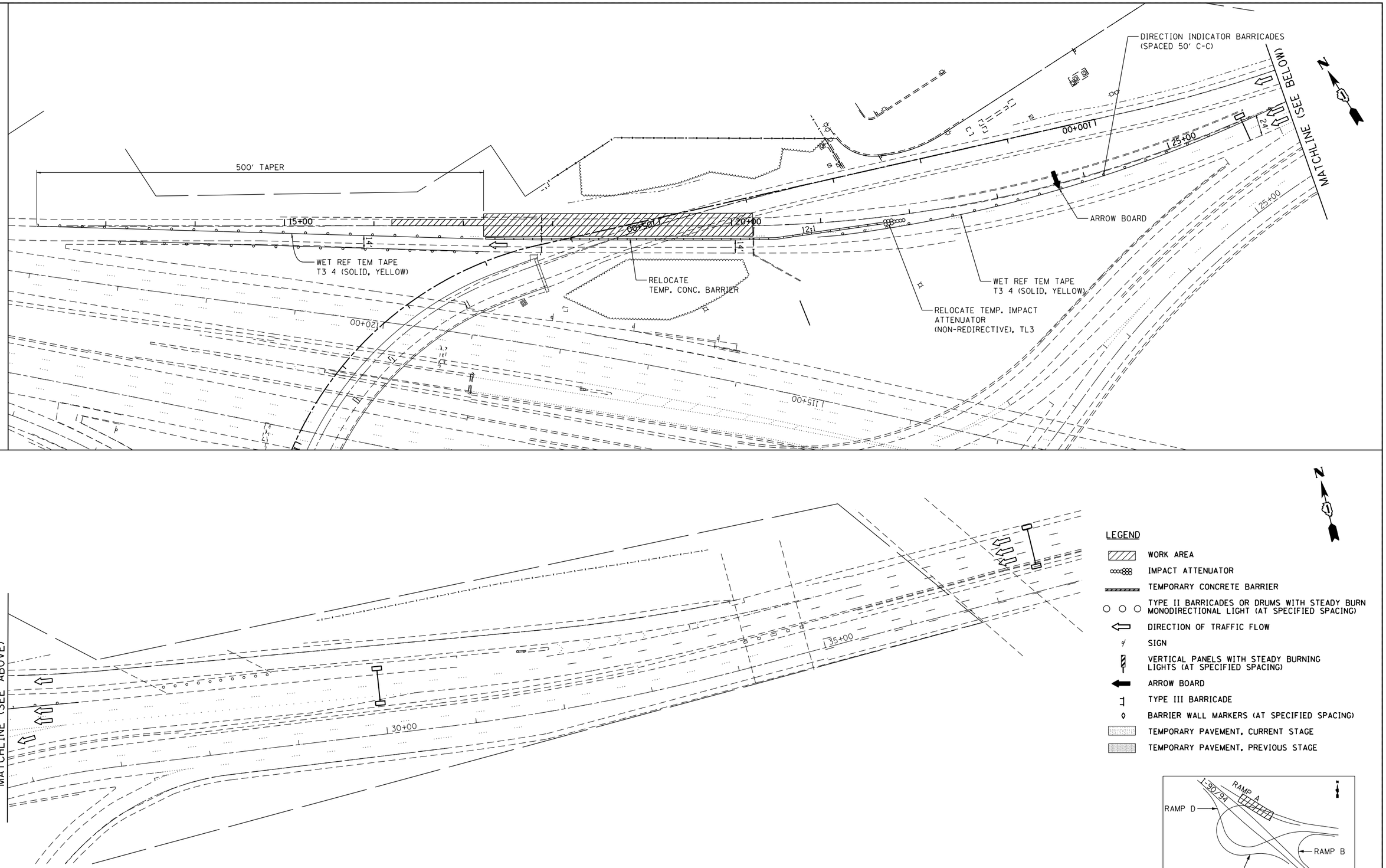
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
RAMP A STAGE I
SUBSTAGE A

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	75
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



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COLLINS ENGINEERS INC

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PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
RAMP A STAGE I
SUBSTAGE B

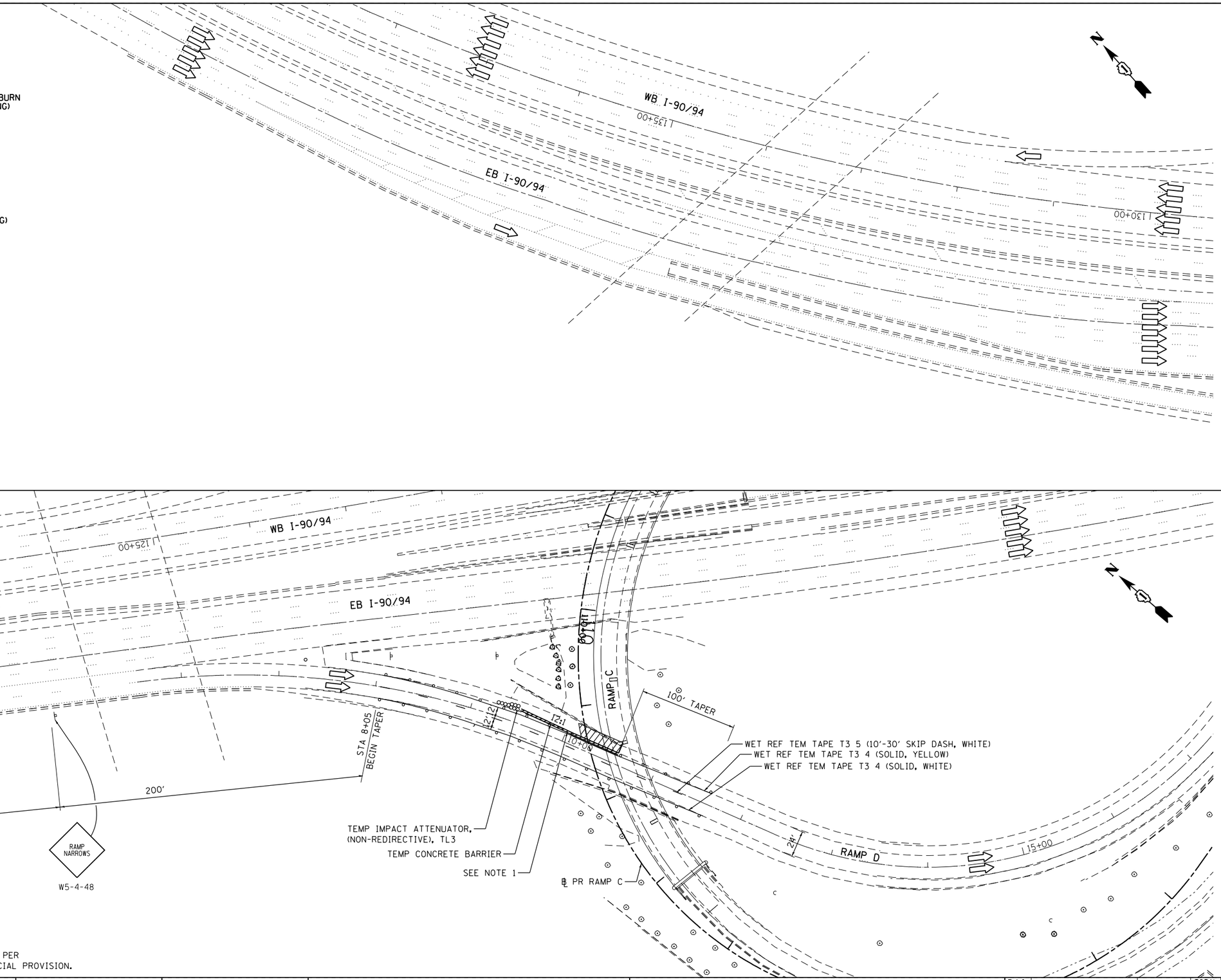
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	76
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- BARRIER WALL MARKERS (AT SPECIFIED SPACING)
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGE



NOTES:

1. INSTALL 6" EDGE LINE AND BARRIER WALL REFLECTORS PER TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) SPECIAL PROVISION.

FILE NAME = I:\7000 - 194 at Ohio Street\CADD\CADD SHEETS\MOT\0160F63-sht-staging-stgI-RampD_2.dgn

COLLINS ENGINEERS INC

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	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

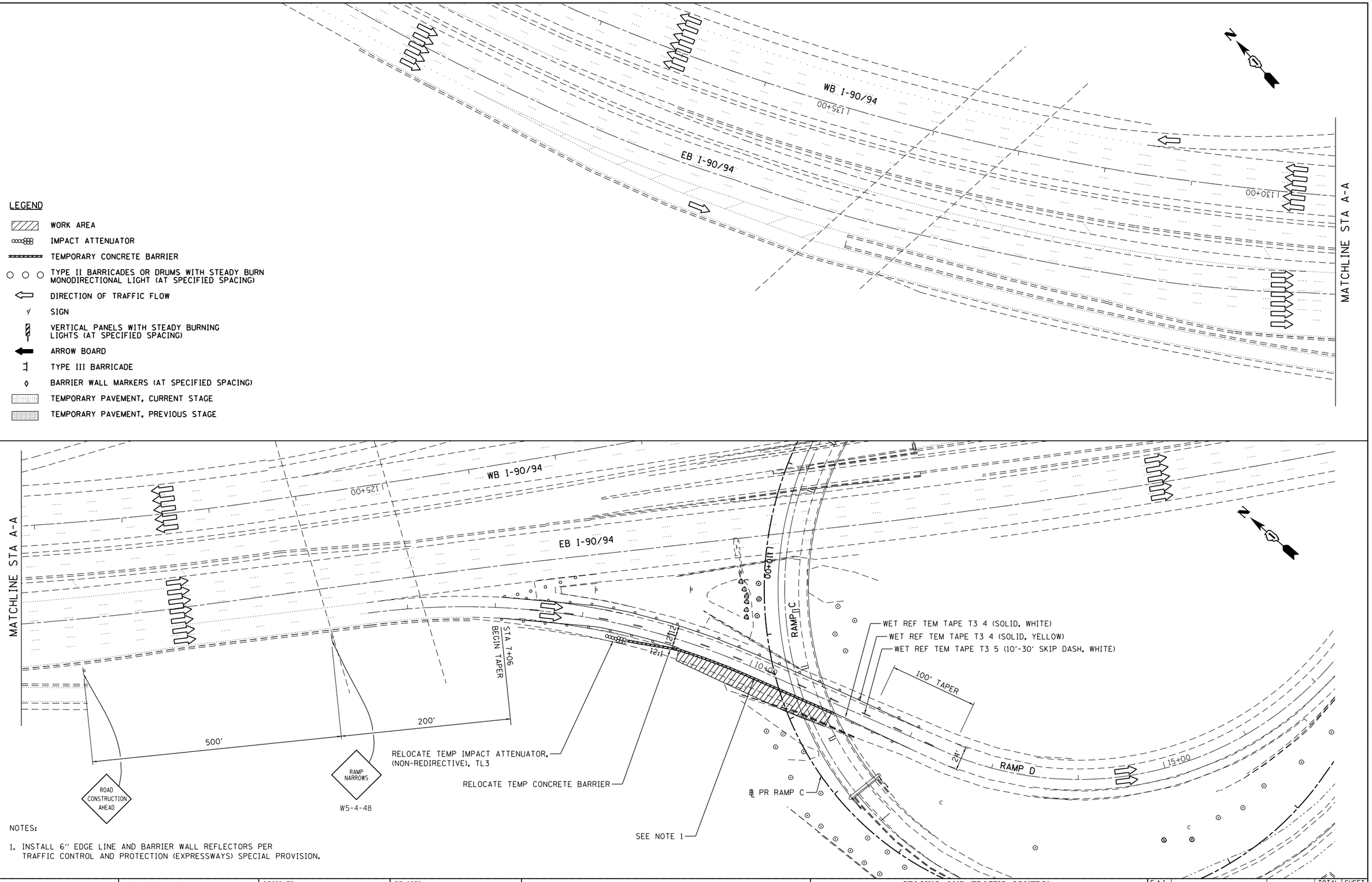
STAGING AND TRAFFIC CONTROL
RAMP D STAGE I
SUBSTAGE A

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	77
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- BARRIER WALL MARKERS (AT SPECIFIED SPACING)
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGE



NOTES:

1. INSTALL 6" EDGE LINE AND BARRIER WALL REFLECTORS PER TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) SPECIAL PROVISION.

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COLLINS ENGINEERS INC

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PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
RAMP D STAGE I
SUBSTAGE B

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	78
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

MOUNTED ON TYIII BARRICADE.
SEE DETAIL TC-08 SIGN SIGN DETAILS

RAMP CLOSED

WET REF TEM TAPE
T3 4 (SOLID, WHITE)

SEE DETAIL TC-08 FOR ADDITIONAL SIGNING AND DETAILS.

10' C-C

RAMP C

RAMP D

EB I-90/94

WB I-90/94

RAMP A

110+00

105+00

100+00

95+00

120+00

125+00

130+00

220+00

225+00

230+00

MATCHLINE STA 232+00

N

RAMP CLOSED AHEAD
(1)

ROAD CONSTRUCTION AHEAD
W20-1103(0)-48
(2)

500'

500'

235

235+00

EB I-90/94

240

240+00

MATCHLINE STA 232+00

135

135+00

WB I-90/94

140

140+00

MATCHLINE STA 244+50

N

LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- BARRIER WALL MARKERS (AT SPECIFIED SPACING)
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGE

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COLLINS ENGINEERS INC

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	DATE -	REVISED -

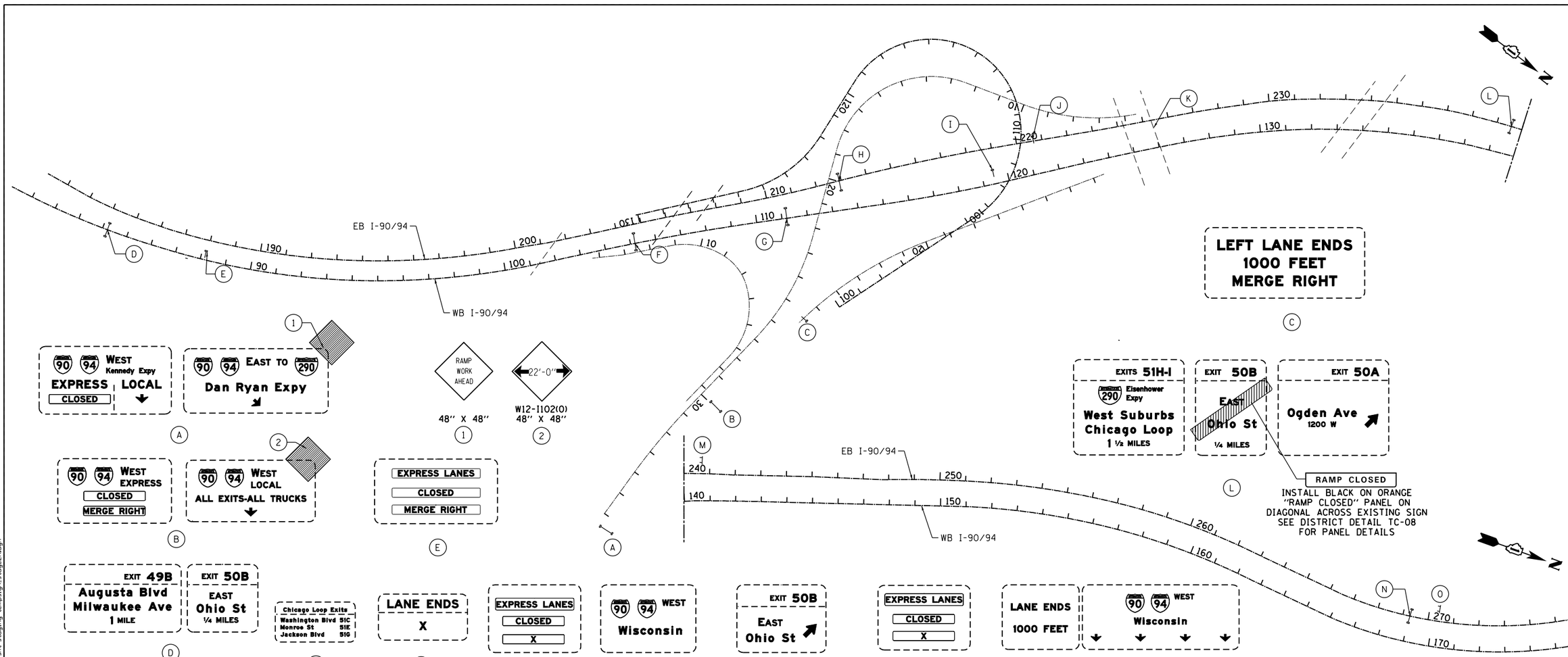
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
RAMP D STAGE I
SUBSTAGE C

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	79
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



NOTES:

1. CONTRACTOR SHALL FIELD VERIFY EXISTING SIGN PANEL DIMENSIONS BEFORE ORDERING AND FABRICATING TEMPORARY SIGN PANELS AND OVERLAYS.

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COLLINS ENGINEERS INC

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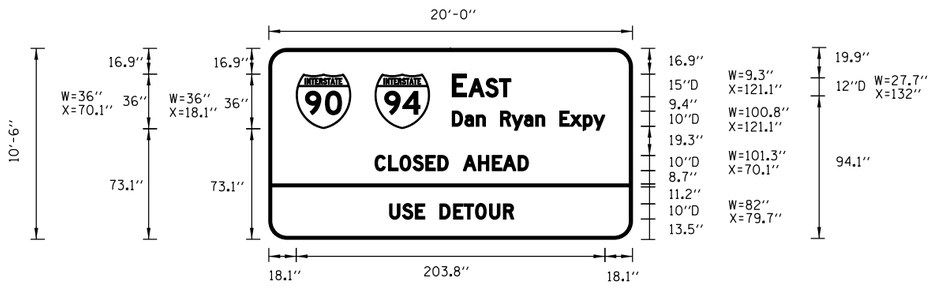
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNING PLAN
STAGE II – SUBSTAGE A & B

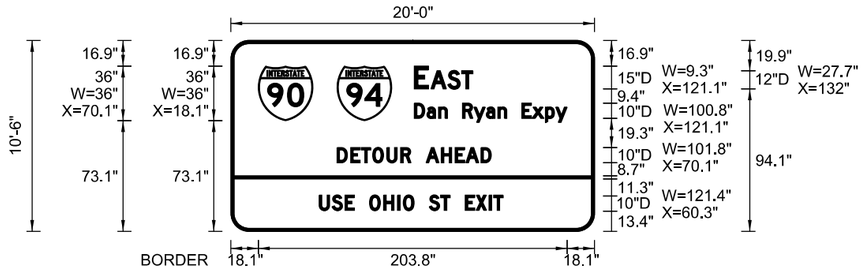
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	80
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



BORDER
R=12"
TH=2"
BLACK LETTERING ON ORANGE BACKGROUND

(O)



BORDER
R=12"
TH=2"
BLACK LETTERING ON ORANGE BACKGROUND

(M)

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COLLINS ENGINEERS INC

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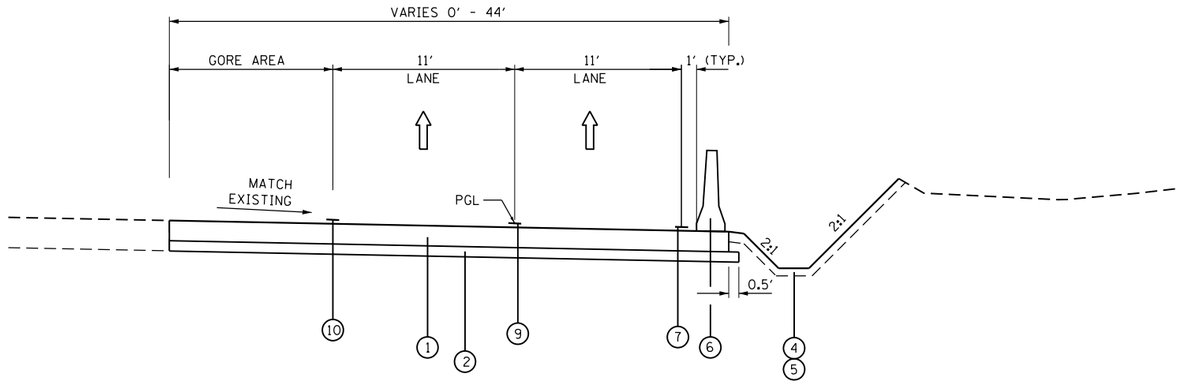
PLOT SCALE = 400.000000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNING PLAN
STAGE II – SUBSTAGE A & B

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	81
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

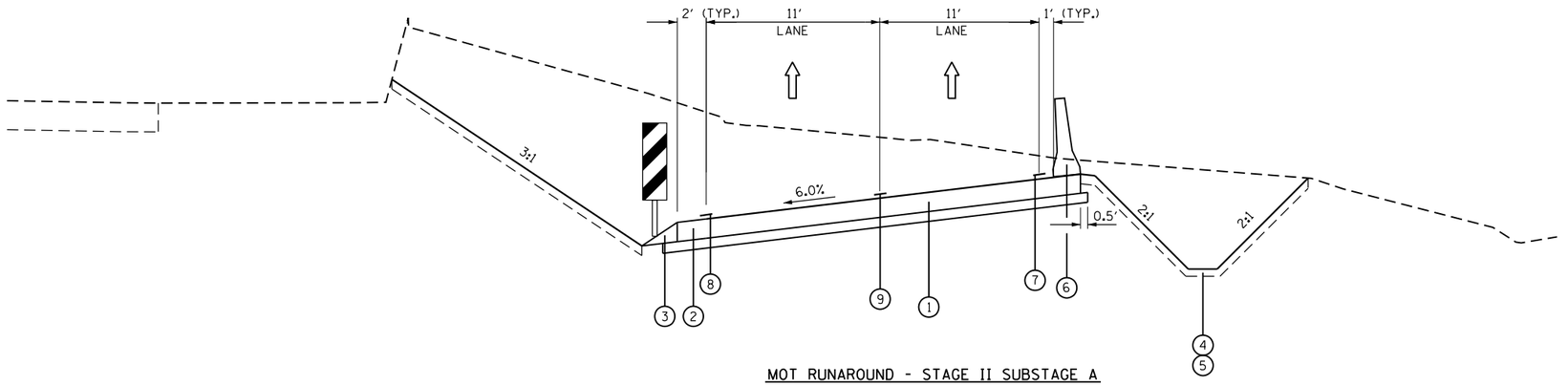


MOT RUNAROUND - STAGE II SUBSTAGE A

STA 100+00 TO STA 102+26

PROPOSED LEGEND:

1. TEMPORARY PAVEMENT, 8"
2. AGGREGATE SUBGRADE IMPROVEMENT, 4"
3. AGGREGATE SHOULDERS, TYPE B, 6"
4. TEMPORARY EROSION CONTROL SEEDING
5. TEMPORARY CONCRETE BARRIER
6. TEMPORARY CONCRETE BARRIER, RELOCATE
7. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" WHITE
8. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" YELLOW
9. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" WHITE (2' DASH - 6' SKIP)
10. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 8" WHITE
11. TEMPORARY SOIL RETENTION. SEE STRUCTRAL PLANS.



MOT RUNAROUND - STAGE II SUBSTAGE A

STA 102+26 TO STA 102+50

FILE NAME = i:\7000 - 194 at Ohio Street\CADD\CADD SHEETS\MOT\D160F63-sht-staging-tup-stg2-temp-runaround.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

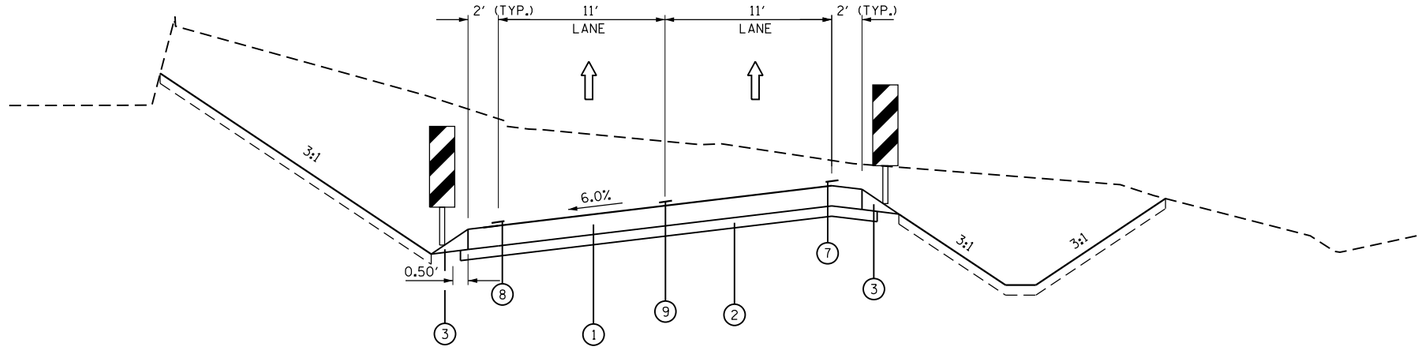
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
I-90/94 TEMPORARY RUNAROUND
TYPICAL SECTIONS STAGE II

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	82
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

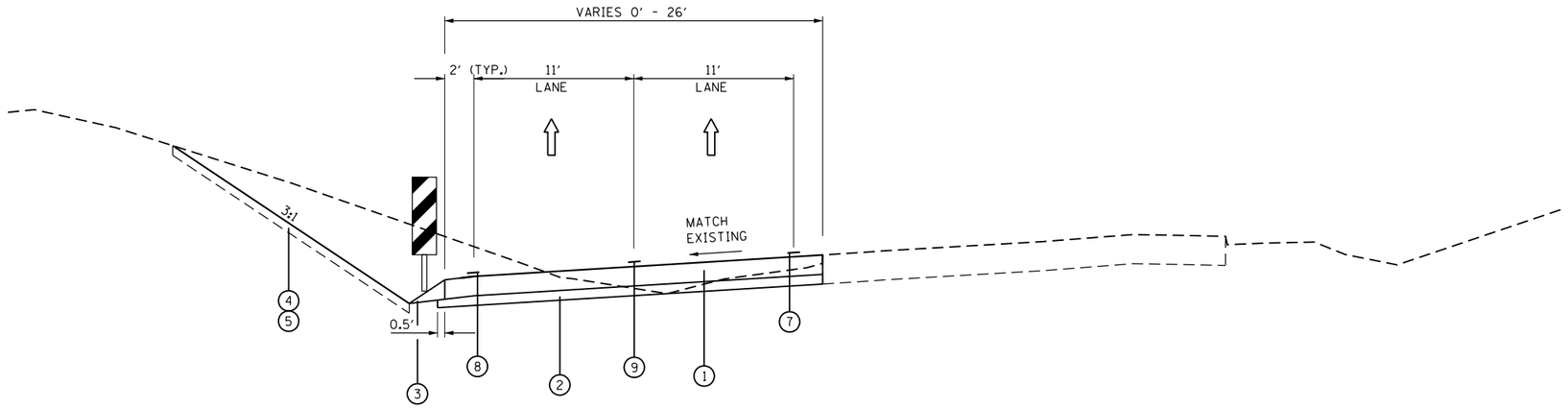


MOT RUNAROUND - STAGE II SUBSTAGE A

STA 102+50 TO STA 103+87

PROPOSED LEGEND:

1. TEMPORARY PAVEMENT, 8"
2. AGGREGATE SUBGRADE IMPROVEMENT, 4"
3. AGGREGATE SHOULDERS, TYPE B, 6"
4. TEMPORARY EROSION CONTROL SEEDING
5. TEMPORARY CONCRETE BARRIER
6. TEMPORARY CONCRETE BARRIER, RELOCATE
7. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" WHITE
8. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" YELLOW
9. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" WHITE (2' DASH - 6' SKIP)
10. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 8" WHITE
11. TEMPORARY SOIL RETENTION. SEE STRUCTRAL PLANS.



MOT RUNAROUND - STAGE II SUBSTAGE A

STA 103+87 TO STA 106+22

FILE NAME = i:\7000 - 194 at Ohio Street\CADD\CADD SHEETS\MOT\D60F63-sht-staging-typ-stg2-temp-runaround.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 10.0000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
I-90/94 TEMPORARY RUNAROUND
TYPICAL SECTIONS STAGE II

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	83
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

MATCHLINE STA 11+50 RAMP D
(SEE SHEET XX)

RAMP C

RAMP D

ALL TRAFFIC

4' x 8'; 1 INCH BORDER;
10 INCH CAPITOL LETTERS
BACKGROUND SHEETING
SHALL BE THE SAME AS ALL
DIAMOND SHAPED CONSTRUCTION
SIGNS

00+01

+00

12'

12'

ROAD
CLOSED
R11-2-4830
(4) SIGNS TOTAL

W1-4R-48

WET REF TEM TAPE
T3 4 (SOLID, YELLOW)

WET REF TEM TAPE
T3 5 (10'-30' SKIP DASH, WHITE)

R11-2-4830 ROAD CLOSED TO THRU TRAFFIC

M4-10R-4818 DETOUR

(4) TOTAL
SIGN ASSEMBLIES

N

220+00

225+00

EB I-90/94

230+00

10'

11'

11'

MATCHLINE STA 233+00

125+00

WB I-90/94

130+00

120+00

115+00

1000' TAPER

CLOSE AUGUSTA AVE.
ENTRANCE RAMP
PER STD. TC-08

BEGIN SKIP DASH
STA 233+50

BEGIN YELLOW
EDGE LINE
STA 235+00

10'

50'

235+00

240+00

EB I-90/94

11'

11'

245+00

MATCHLINE STA 248+00

140+00

WB I-90/94

135+00

145+00

MATCHLINE STA 233+00

WET REF TEM TAPE
T3 4 (SOLID, YELLOW)

WET REF TEM TAPE
T3 5 (10'-30' SKIP DASH, WHITE)

N

LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- BARRIER WALL MARKERS (AT SPECIFIED SPACING)
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGE

FILE NAME = i:\7000 - I94 at Ohio Street\CADD\CADD SHEETS\MOT\D160F63-ahr-staging-stg2-90_94.i.dgn

COLLINS ENGINEERS INC

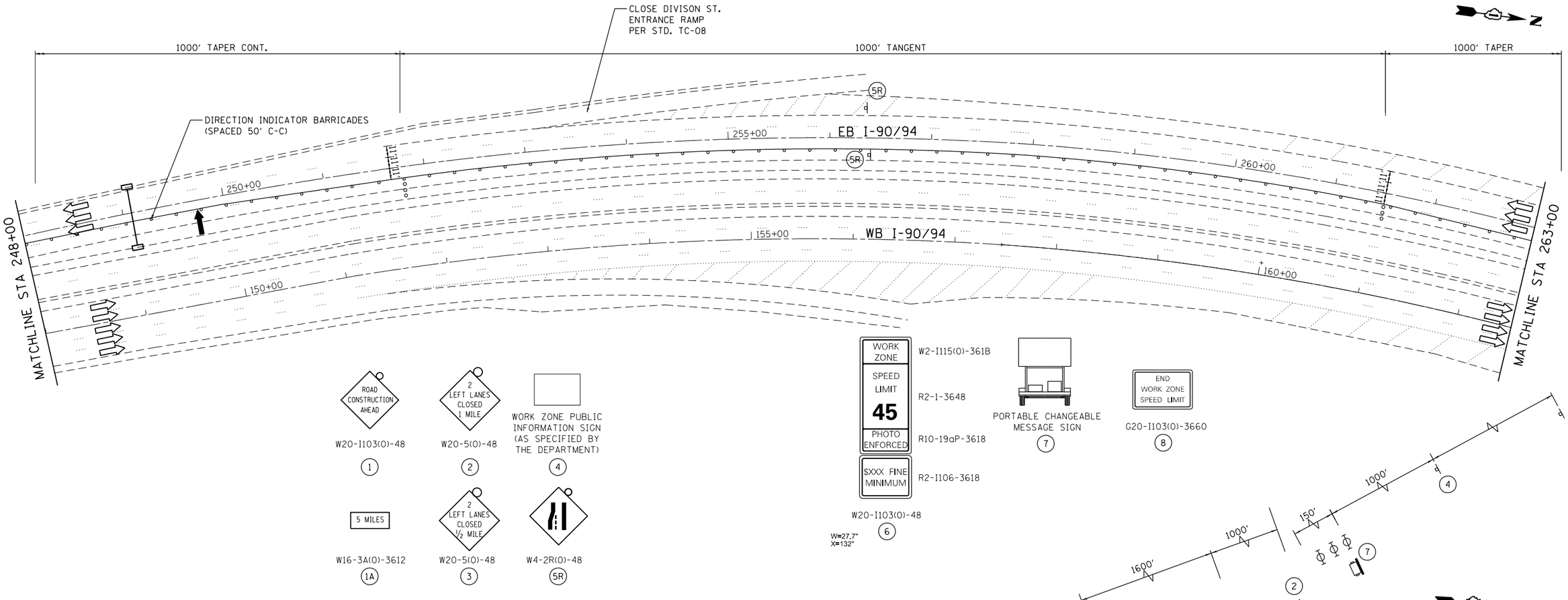
USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 100.000000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
I-90/94 STAGE II
SUBSTAGE A

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	84
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



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COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 100.000000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
I-90/94 STAGE II
SUBSTAGE A

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	85
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

MATCHLINE STA 11+50 (RAMP D)
(SEE SHEET XX)

SLIP RAMP FROM MAINLINE TO EXPRESS LANE
REVERSIBLE EXPRESS LANE

EB I-90-94

WB I-90-94

RAMP D

RAMP B

RAMP C

MATCHLINE STA 208+00
(SEE SHEET XX)

PROP. CURVE PR_MOT2B1-1
PI STA. = 103+43.25
Δ = 62° 54' 36" (LT)
D = 17° 06' 12"
R = 335.00'
T = 204.93'
L = 367.83'
E = 57.71'
e = -----
T.R. = -----
S.E. RUN = -----
P.C. STA. = 101+38.32
P.T. STA. = 105+06.15

EX LIGHT POLE

RELOCATE TEMP. IMPACT ATTENUATOR, (NON-REDIRECTIVE), TL3

TEMP. CONC. BARRIER

WET REF TEM TAPE T3 4 (SOLID, YELLOW)

WET REF TEM TAPE T3 4 (SOLID, WHITE)

W1-6R0-6030 ABOVE TY III BAR.

BARRIER WALL REMOVAL, 40'

TEMP. IMPACT ATTENUATOR, (NON-REDIRECTIVE), TL2

INLET AND PIPE INSTALLED IN STAGE 1

ROAD CLOSED

R11-2

DETOUR

M4-10R

EX LIGHT POLE

PR CURVE MOT 2B-1

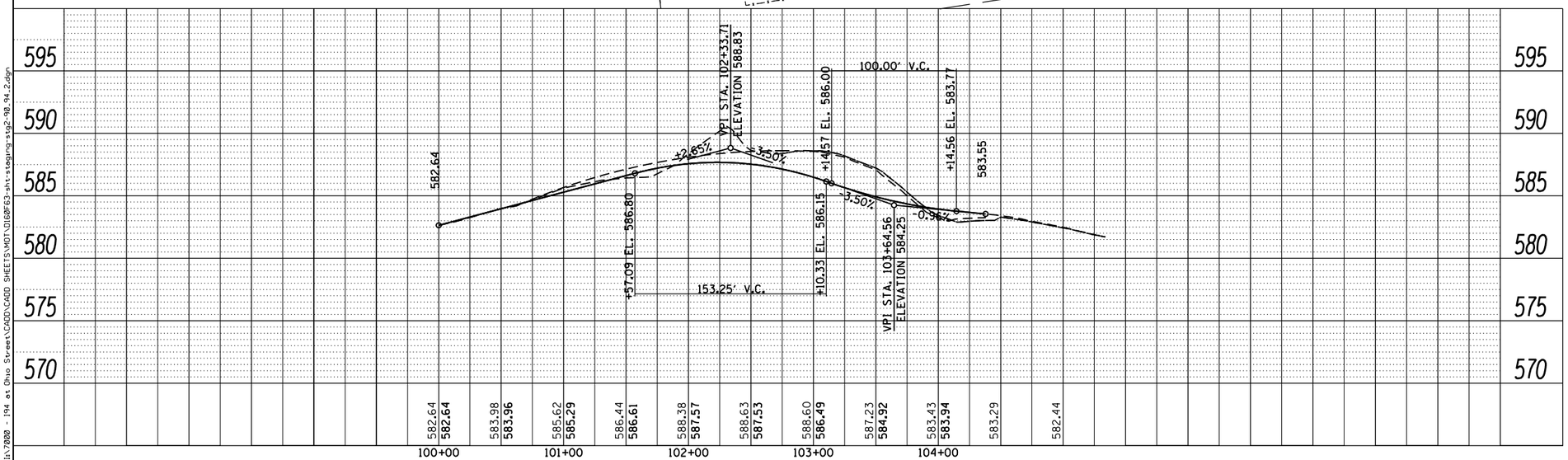
ADJ

50' C-C

WET REF TEM TAPE T3 4 (SOLID, YELLOW)

WET REF TEM TAPE T3 4 (SOLID, WHITE)

WET REF TEM TAPE T3 5 (SKIP DASH, WHITE)



LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- BARRIER WALL MARKERS (AT SPECIFIED SPACING)
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGE

FILE NAME = i:\7000 - 194 at Ohio Street\CADD\CADD SHEETS\MOT\D160F63-sht-staging-stg2-90_94_2.dgn

COLLINS ENGINEERS INC

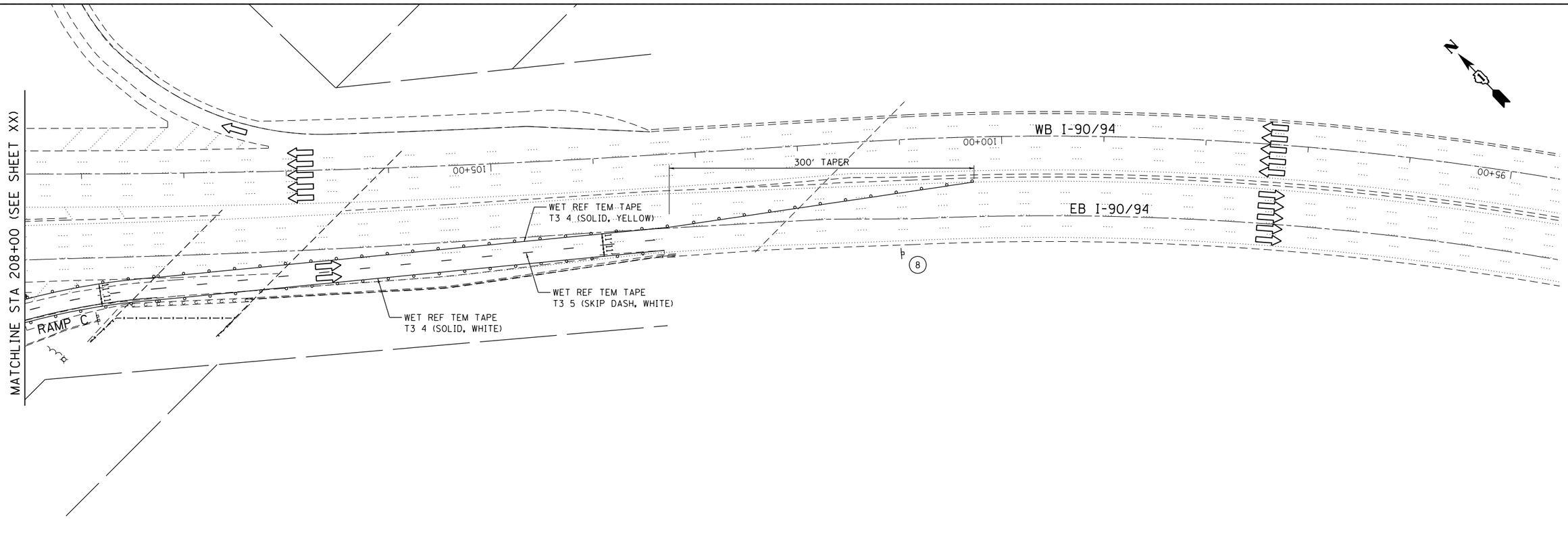
USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 100.000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
I-90/94 STAGE II
SUBSTAGE A

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	86
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



END
WORK ZONE
SPEED LIMIT

G20-I103(0)-3660

8

LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS WITH STEADY BURNING LIGHTS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- BARRIER WALL MARKERS (AT SPECIFIED SPACING)
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGE

FILE NAME = i:\7000 - I94 at Ohio Street\CADD\CADD SHEETS\MOT\D160F63-sht-staging-stg2-90_94_3.dgn

COLLINS ENGINEERS INC

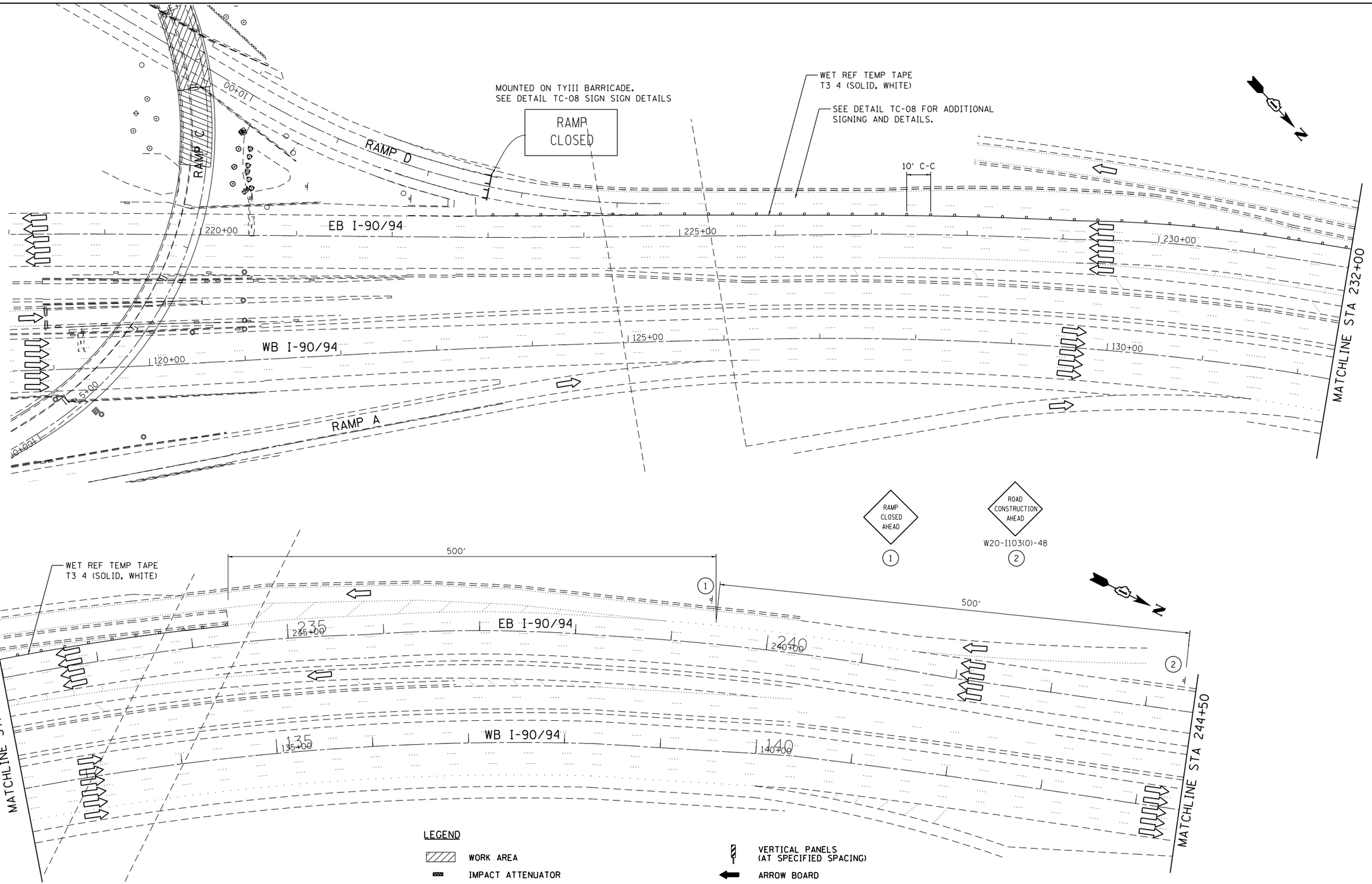
USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 100.000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
I-90/94 STAGE II
SUBSTAGE A

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	87
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



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COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 100.000000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

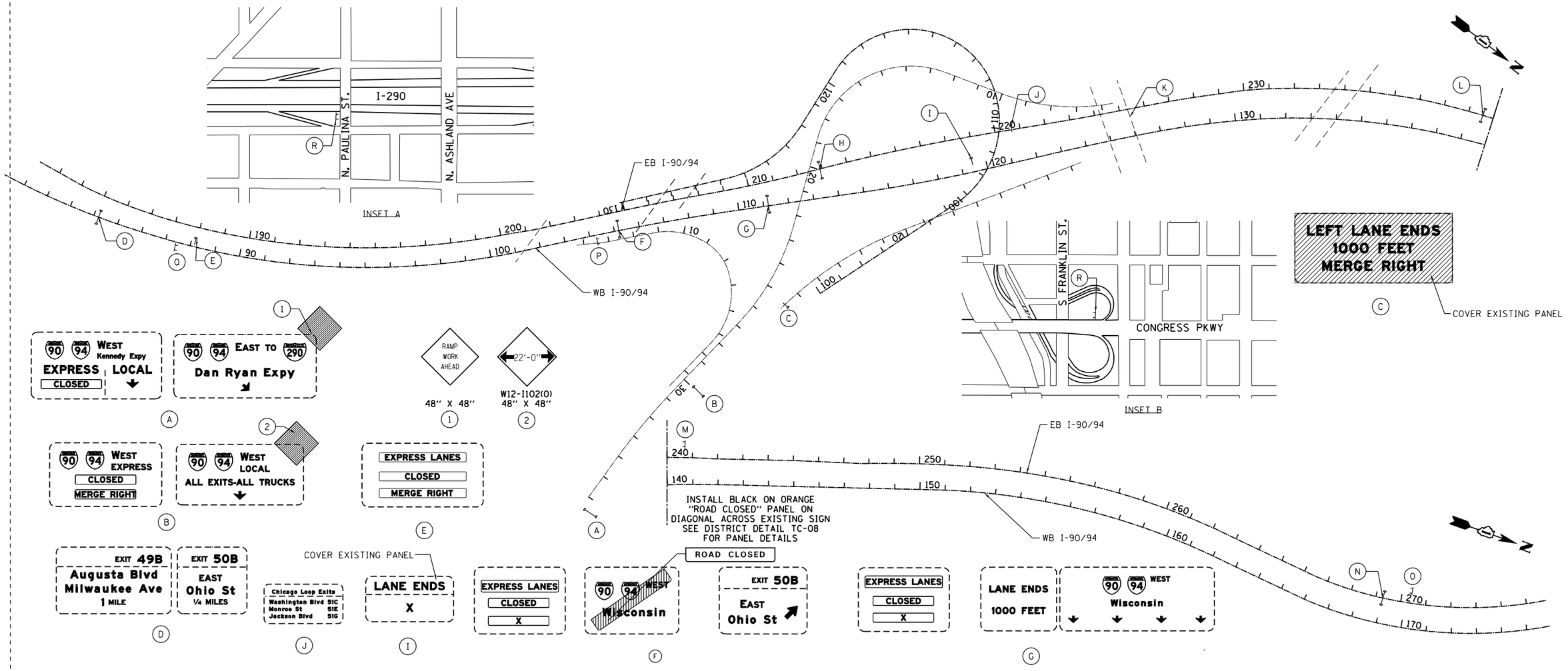
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
RAMP D STAGE II
SUBSTAGE B

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	88
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



NOTES:

1. CONTRACTOR SHALL FIELD VERIFY EXISTING SIGN PANEL DIMENSIONS BEFORE ORDERING AND FABRICATING TEMPORARY SIGN PANELS AND OVERLAYS.

FILE NAME = \\collinsengr.com\ti\data-ti\Poseidon\DOCS\70000 - 194 at Ohio Street\CADD\CADD SHEETS\MOT\D160F63-sht-staging-tempsign_stage2C.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 400.000000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

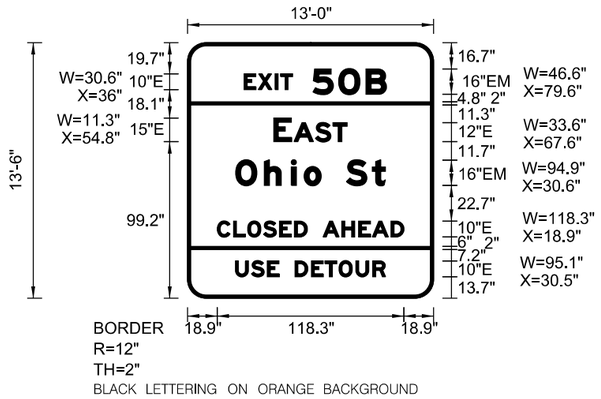
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNING PLAN
STAGE II – SUBSTAGE 2C

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	89
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



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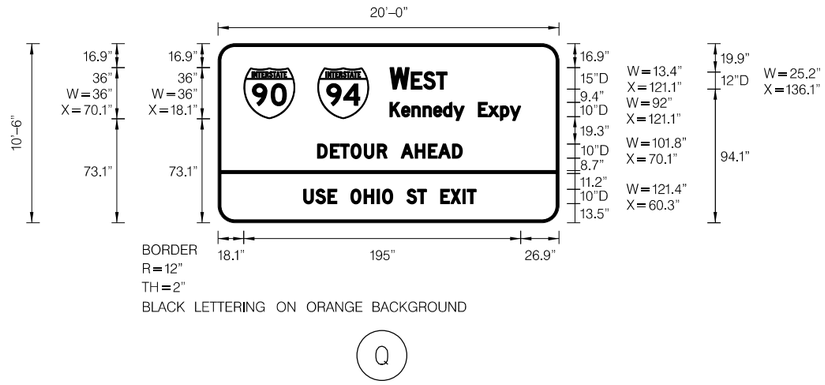

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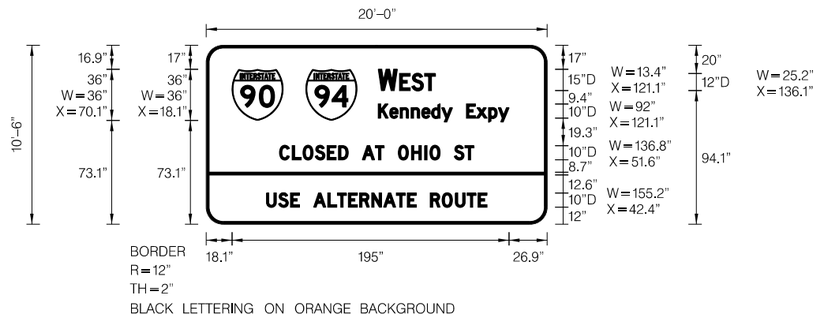

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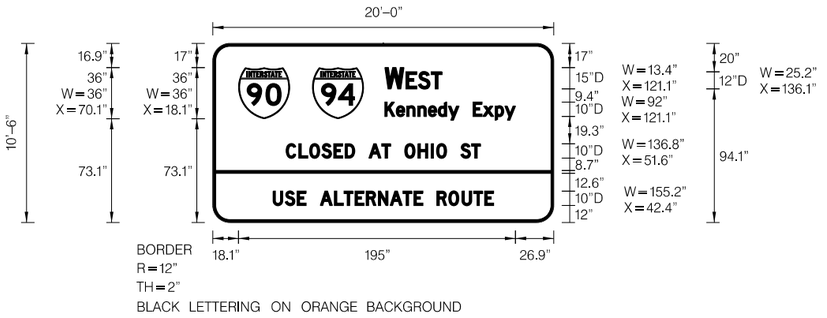

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COLLINS ENGINEERS INC

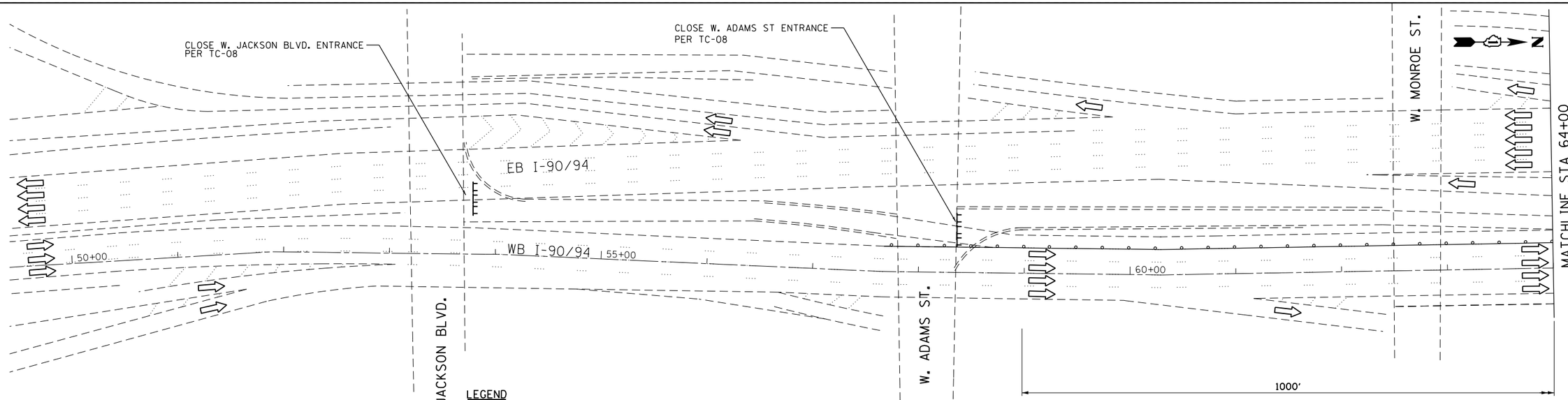
USER NAME = rgall	DESIGNED -	REVISED -	
PLOT SCALE = 400.000000 ' / in.	DRAWN -	REVISED -	
PLOT DATE = 3/25/2013	CHECKED -	REVISED -	
	DATE -	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SIGNING PLAN
STAGE II – SUBSTAGE 2C

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	90
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

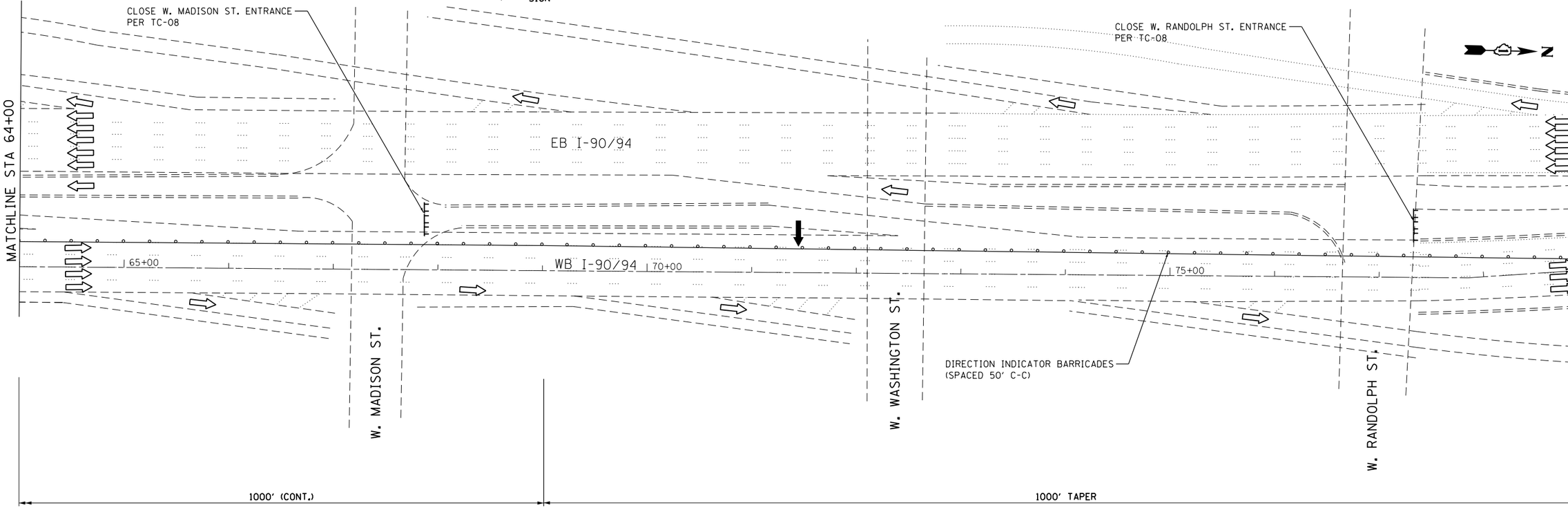


LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- BARRIER WALL MARKERS (AT SPECIFIED SPACING)
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGE

NOTE:

SIGN PLACEMENT AND SPACING SHALL BE IN ACCORDANCE WITH STD. 701400 AND STD. 701446



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COLLINS ENGINEERS INC

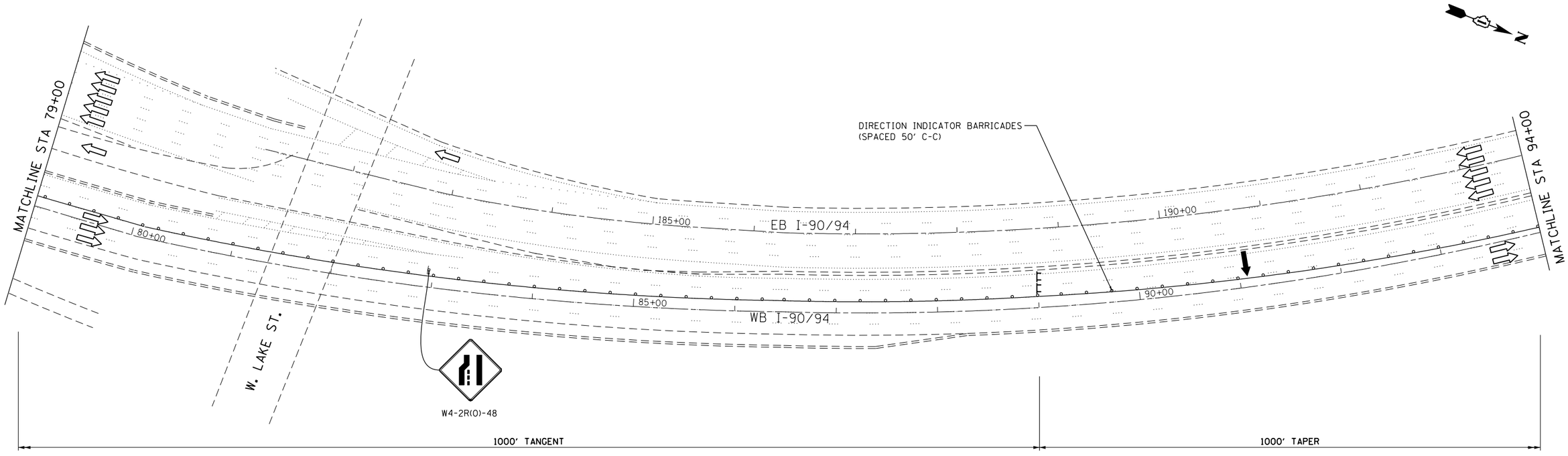
USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 100.000 ' / in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
I-90/94 STAGE II
SUBSTAGE C

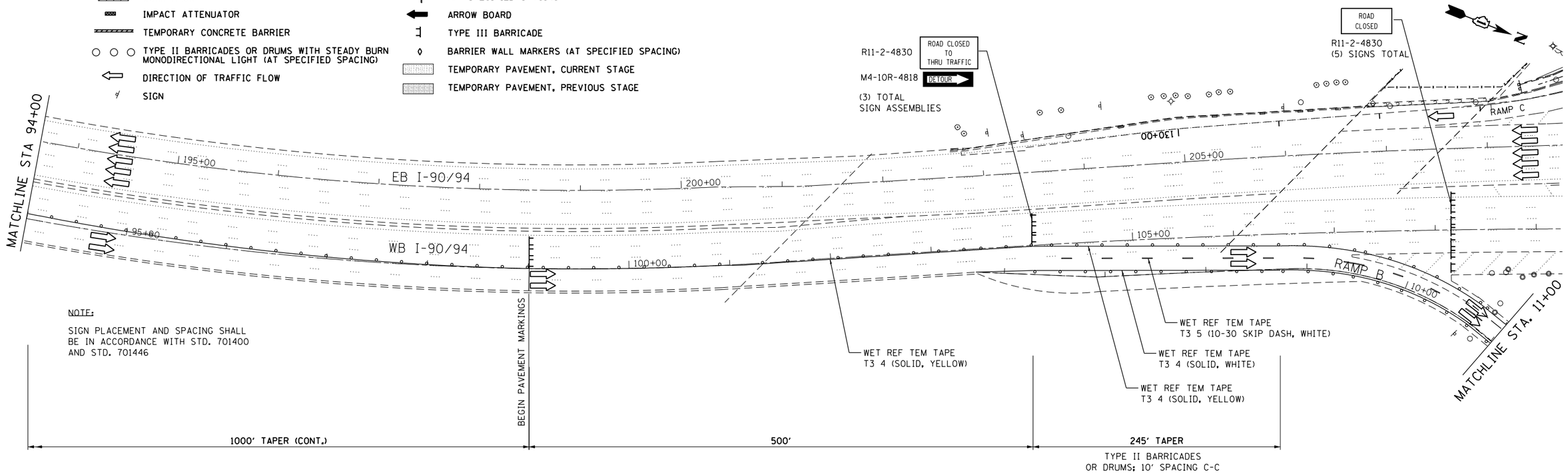
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	91
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- BARRIER WALL MARKERS (AT SPECIFIED SPACING)
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGE



NOTE:

SIGN PLACEMENT AND SPACING SHALL BE IN ACCORDANCE WITH STD. 701400 AND STD. 701446

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COLLINS ENGINEERS INC

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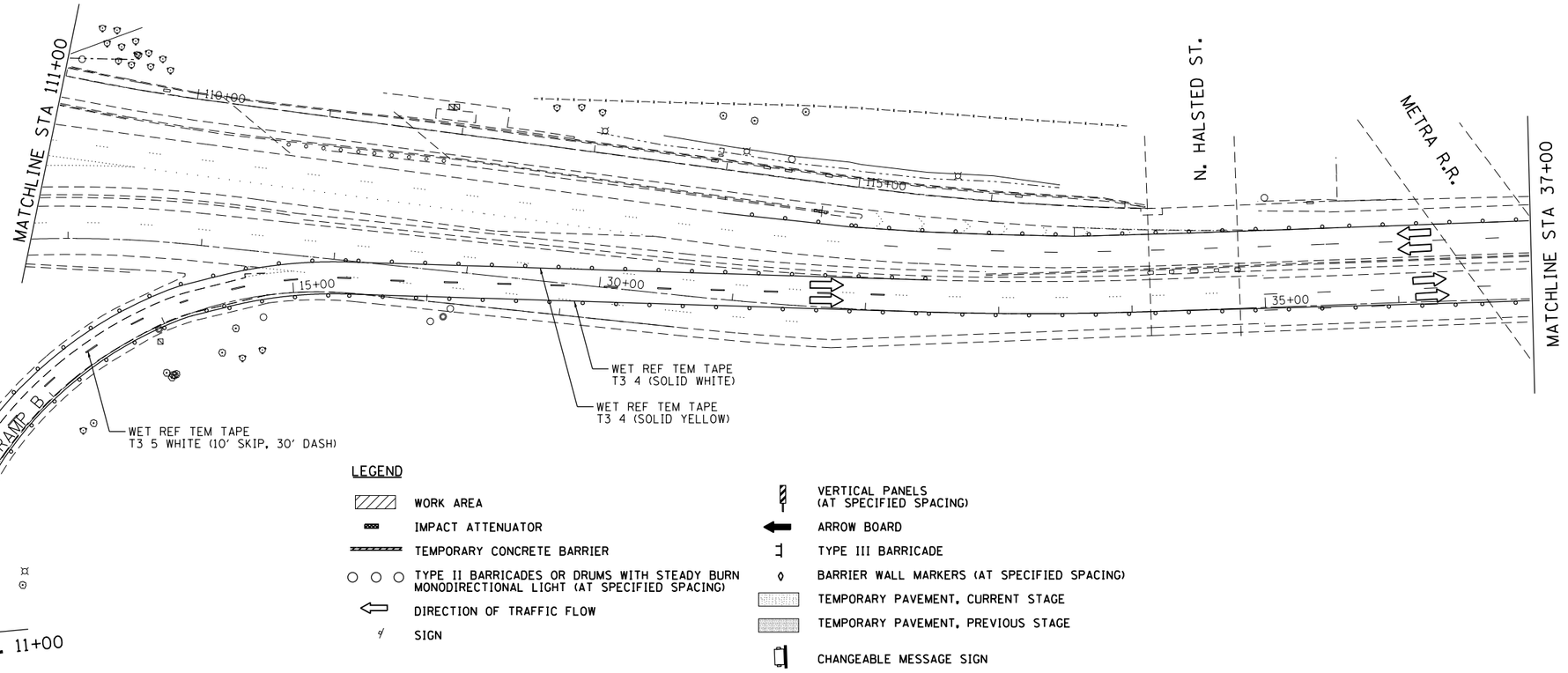
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
I-90/94 STAGE II
SUBSTAGE C

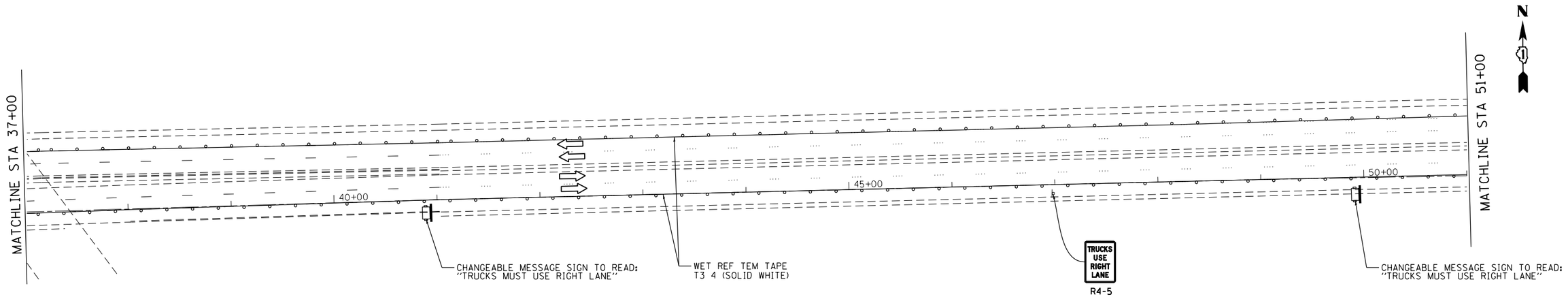
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	92
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- BARRIER WALL MARKERS (AT SPECIFIED SPACING)
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGE
- CHANGEABLE MESSAGE SIGN



NOTES:

1. MOUNT EXISTING SIGNS TO EXISTING HALSTED STREET BRIDGE. THE MOUNTING DETAIL SHALL BE APPROVED BY THE ENGINEER.

FILE NAME = \\collinseng.com\il\data-il\Poseidon\DOCS\72000 - I94 at Ohio Street\CADD\CADD SHEETS\MOT\D1660F63-sht-staging-stg2-RampB.dgn

COLLINS ENGINEERS INC

USER NAME = rgall	DESIGNED -	REVISED -
PLOT SCALE = 100.000 '/ in.	DRAWN -	REVISED -
PLOT DATE = 3/25/2013	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
I-90/94 STAGE II
SUBSTAGE C

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	343	93
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT

LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- BARRIER WALL MARKERS (AT SPECIFIED SPACING)
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGE

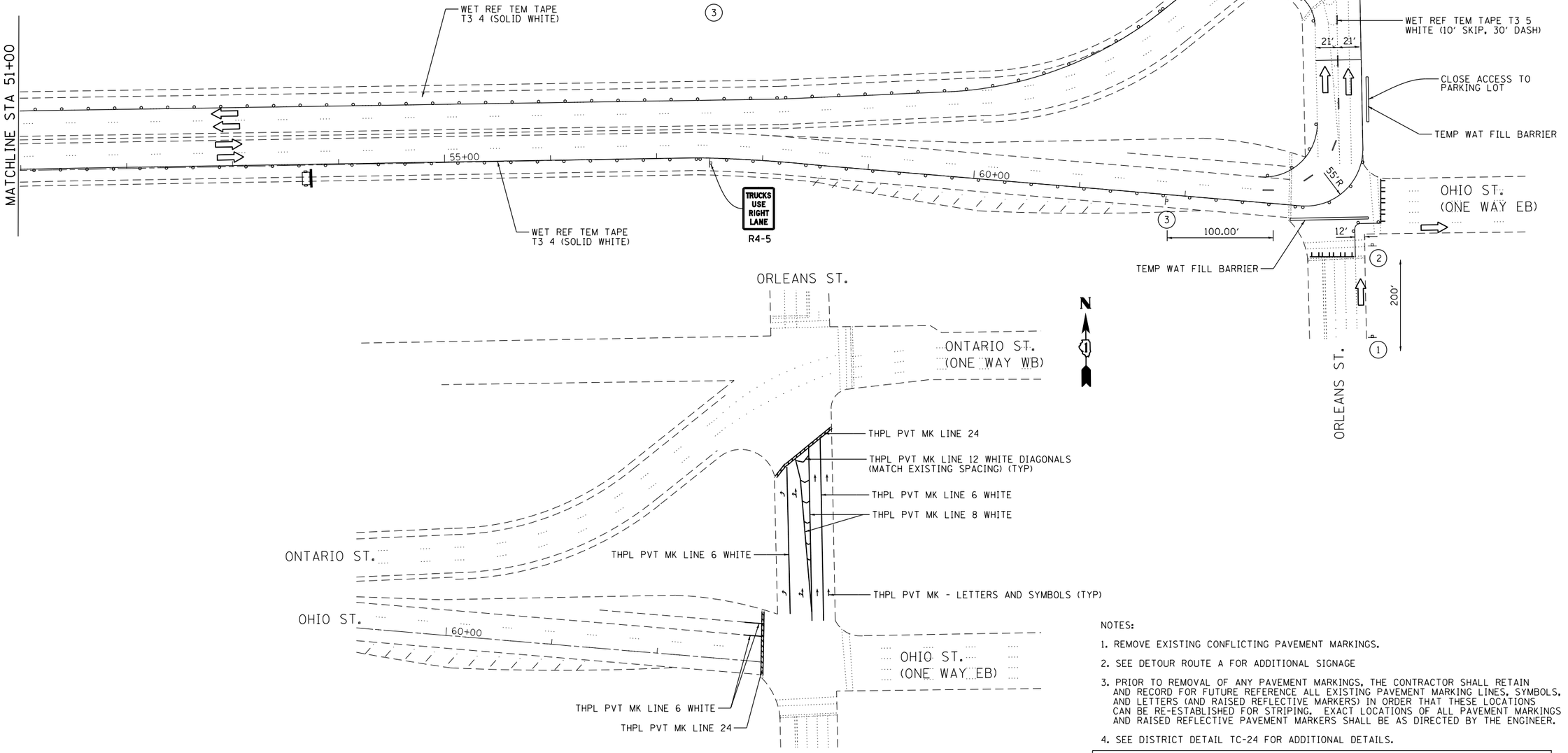
R3-5R 30X36

1

R3-7R 30X36

2

3



PAVEMENT MARKING RESTORATION PLAN

NOTES:

1. REMOVE EXISTING CONFLICTING PAVEMENT MARKINGS.
2. SEE DETOUR ROUTE A FOR ADDITIONAL SIGNAGE
3. PRIOR TO REMOVAL OF ANY PAVEMENT MARKINGS, THE CONTRACTOR SHALL RETAIN AND RECORD FOR FUTURE REFERENCE ALL EXISTING PAVEMENT MARKING LINES, SYMBOLS, AND LETTERS (AND RAISED REFLECTIVE MARKERS) IN ORDER THAT THESE LOCATIONS CAN BE RE-ESTABLISHED FOR STRIPING. EXACT LOCATIONS OF ALL PAVEMENT MARKINGS AND RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE AS DIRECTED BY THE ENGINEER.
4. SEE DISTRICT DETAIL TC-24 FOR ADDITIONAL DETAILS.
5. TRAFFIC SIGNALS AT ORLEANS ST./OHIO ST. AND AT ORLEANS ST./ONTARIO ST. SHALL BE BAGGED WILE DETOUR IS IN EFFECT. THE COST OF THIS WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).

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	DATE -	REVISED -

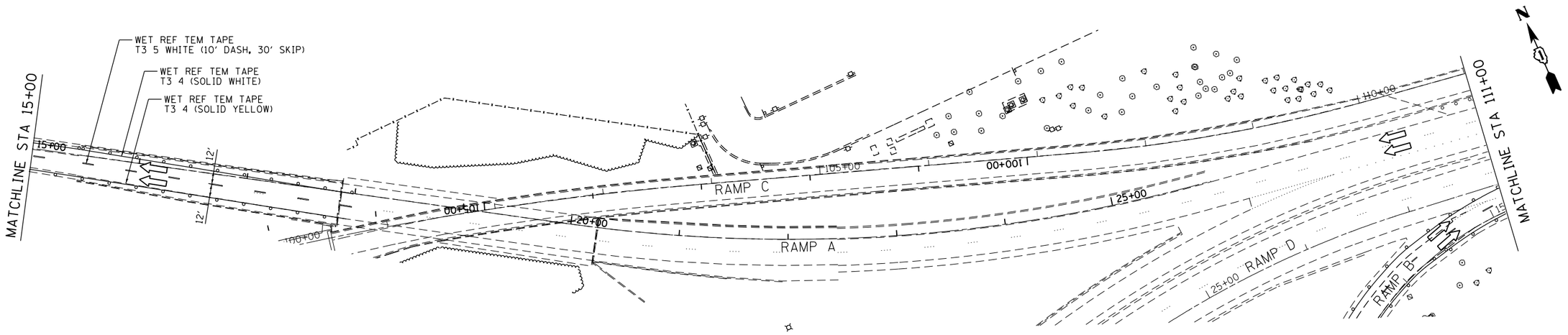
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
I-90/94 STAGE II
SUBSTAGE C

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

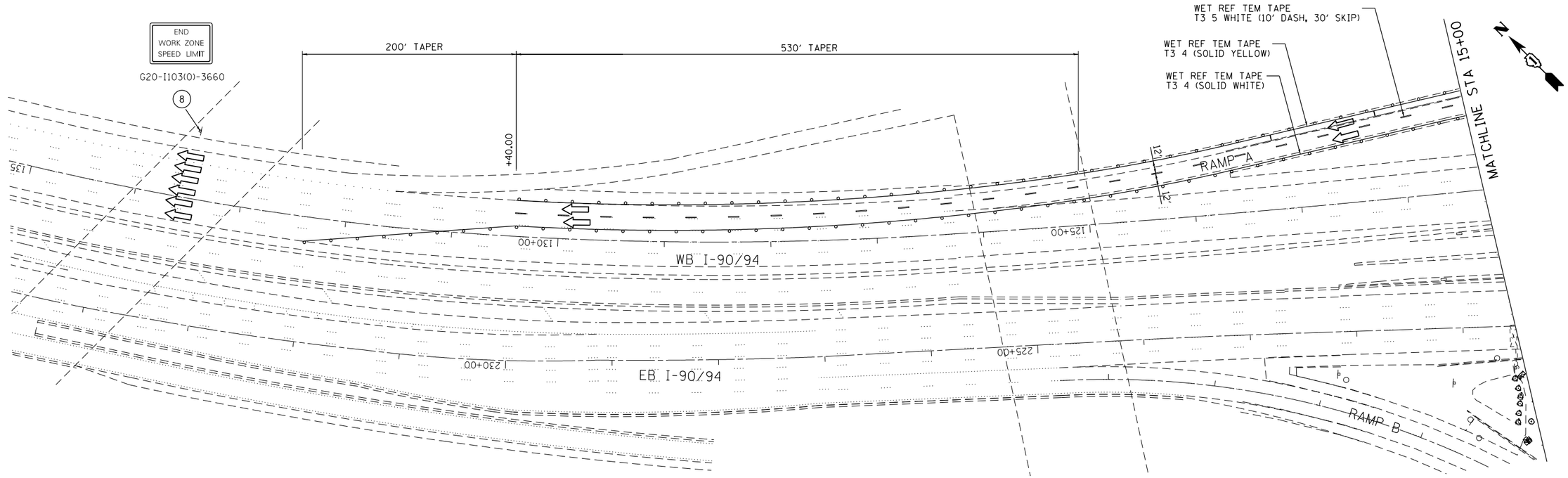
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	343	94
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



LEGEND

- WORK AREA
- IMPACT ATTENUATOR
- TEMPORARY CONCRETE BARRIER
- TYPE II BARRICADES OR DRUMS WITH STEADY BURN MONODIRECTIONAL LIGHT (AT SPECIFIED SPACING)
- DIRECTION OF TRAFFIC FLOW
- SIGN
- VERTICAL PANELS (AT SPECIFIED SPACING)
- ARROW BOARD
- TYPE III BARRICADE
- BARRIER WALL MARKERS (AT SPECIFIED SPACING)
- TEMPORARY PAVEMENT, CURRENT STAGE
- TEMPORARY PAVEMENT, PREVIOUS STAGE



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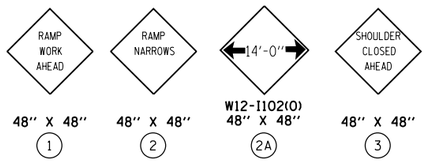
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
I-90/94 STAGE II
SUBSTAGE C

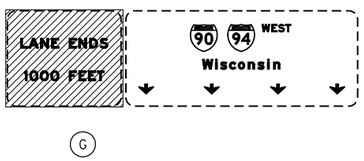
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

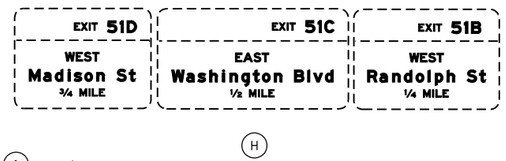
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	95
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

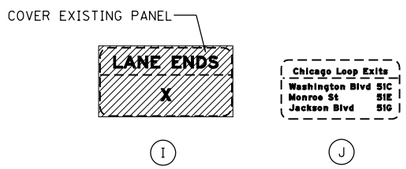


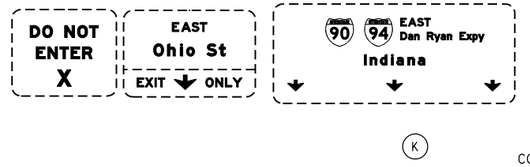
DURING CONSTRUCTION ON SOUTHERN HALF OF TUNNEL (SUBSTAGE A)

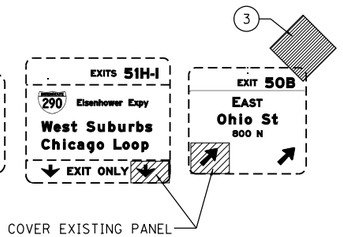
DURING CONSTRUCTION ON NORTHERN HALF OF TUNNEL (SUBSTAGE B)

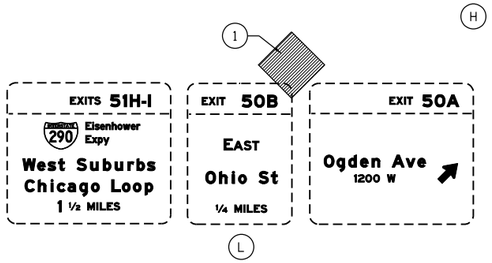


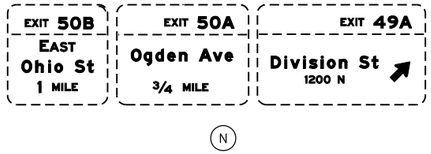












LEGEND:

- EXISTING SIGN
- PROPOSED SIGN
- OVERHEAD OR CANTILEVER SIGN
- GROUND MOUNTED SIGN

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	DATE -	REVISED -

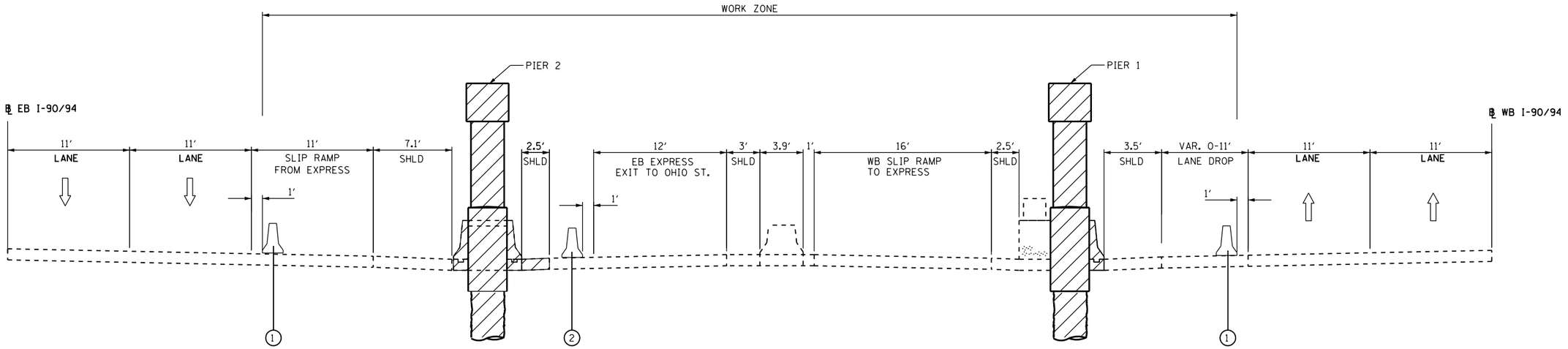
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
TEMPORARY SIGNING PLAN
STAGE III

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

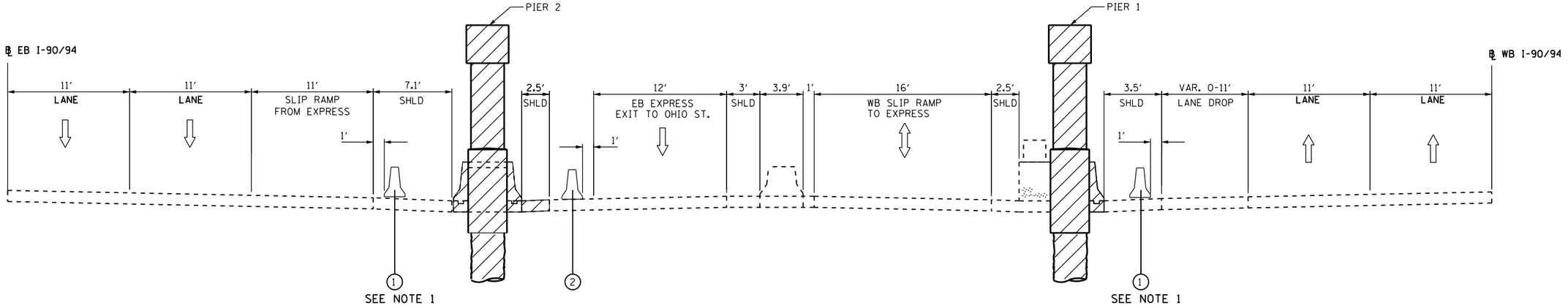
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	96
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



TYPICAL SECTION - SUBSTAGE IIIA (WORK ACTIVITIES)

I-90/ 94 (KENNEDY EXPRESSWAY)



TYPICAL SECTION - SUBSTAGE IIIB (NON-WORK ACTIVITIES)

I-90/ 94 (KENNEDY EXPRESSWAY)

PROPOSED LEGEND:

(1) MOVEABLE TRAFFIC BARRIER

(2) TEMPORARY CONCRETE BARRIER

NOTES:

1. MOVABLE TRAFFIC BARRIER TO BE RELOCATED AS SHOWN IN SUBSTAGE IB DURING NON-WORK ACTIVITIES. SEE SPECIAL PROVISION FOR WORK RESTRICTION HOURS.

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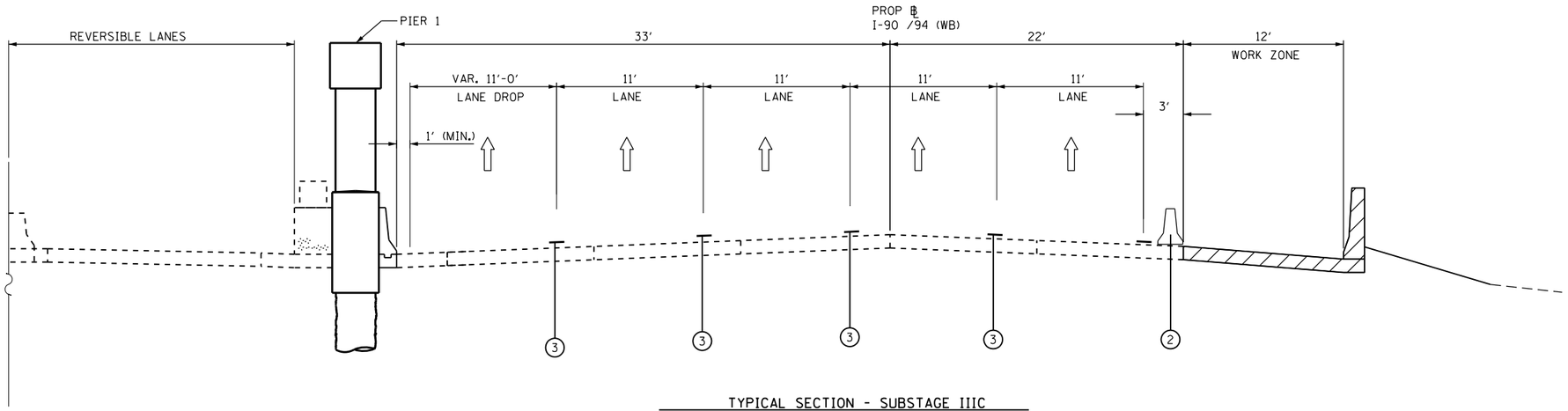
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
I-90/94 TYPICAL SECTIONS
STAGE III

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

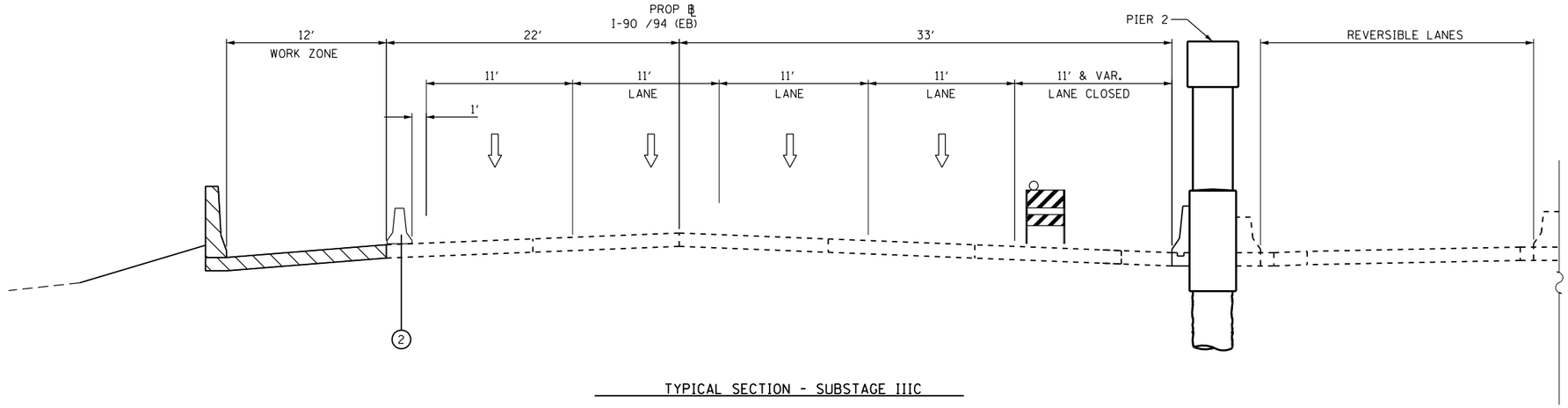
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	97
		CONTRACT NO. 60F63		

FED. ROAD DIST. NO. 1 | ILLINOIS | FED. AID PROJECT



TYPICAL SECTION - SUBSTAGE IIIC

I-90/ 94 (KENNEDY EXPRESSWAY)
WESTBOUND LANES



TYPICAL SECTION - SUBSTAGE IIIC

I-90/ 94 (KENNEDY EXPRESSWAY)
EASTBOUND LANES

PROPOSED LEGEND:

1. MOVEABLE TRAFFIC BARRIER
2. TEMPORARY CONCRETE BARRIER
3. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 5" WHITE (10' DASH, 30' SKIP)

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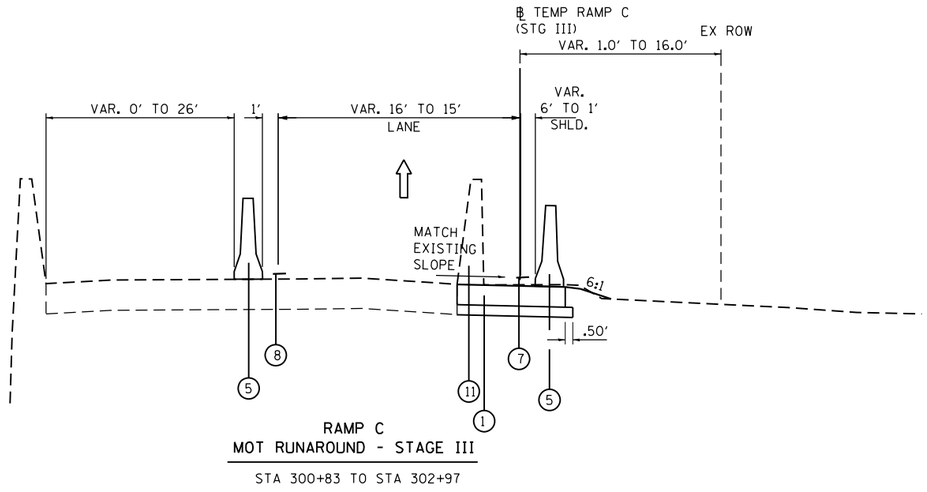
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
I-90/94 TYPICAL SECTIONS
STAGE III

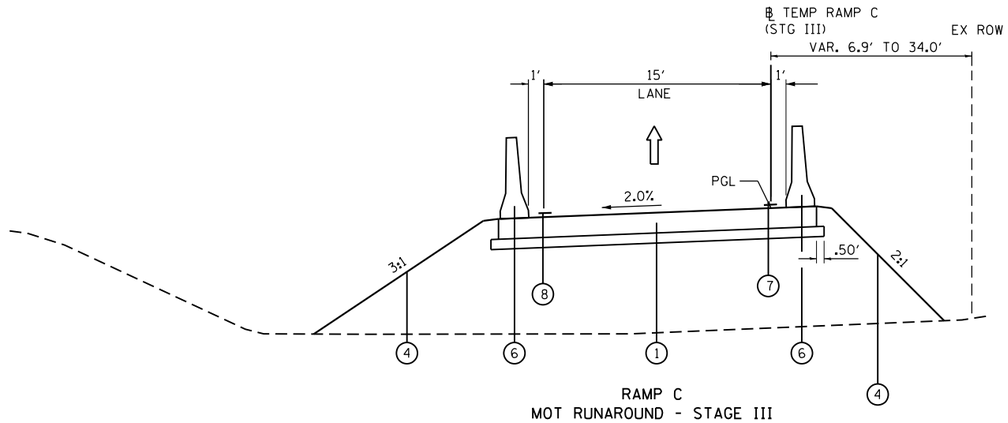
SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	98
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



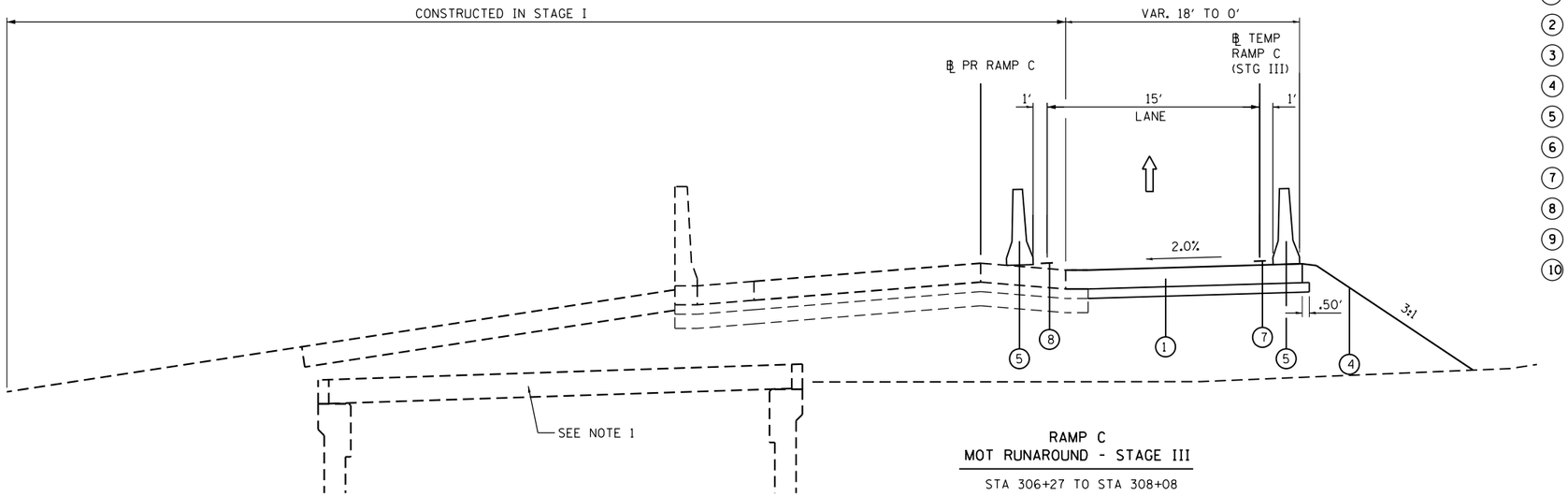
RAMP C
MOT RUNAROUND - STAGE III

STA 300+83 TO STA 302+97



RAMP C
MOT RUNAROUND - STAGE III

STA 302+97 TO STA 306+27



RAMP C
MOT RUNAROUND - STAGE III

STA 306+27 TO STA 308+08

PROPOSED LEGEND:

1. TEMPORARY PAVEMENT, 8"
2. AGGREGATE SUBGRADE IMPROVEMENT, 4"
3. AGGREGATE SHOULDERS, TYPE B, 6"
4. TEMPORARY EROSION CONTROL SEEDING
5. TEMPORARY CONCRETE BARRIER
6. TEMPORARY CONCRETE BARRIER, RELOCATE
7. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" WHITE
8. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" YELLOW
9. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" WHITE (2' DASH - 6' SKIP)
10. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 8" WHITE

NOTES:

1. SEE STRUCTURAL PLANS FOR STAGE III TYPICAL CROSS SECTIONS FROM STA 308+08 TO STA 313+42 AND TUNNEL ROOF DETAILS.
2. TEMPORARY PAVEMENT ON RAMP C SHALL BE ACCORDING TO THE PAVEMENT STRUCTURE DETAILS AND MIX DESIGN REQUIREMENTS ON THE TYPICAL SECTIONS
3. THE TEMPORARY CONCRETE BARRIER SHALL BE SECURED TO THE PAVEMENT USING THREE (3) ANCHORING PINS ON THE TRAFFIC SIDE OF THE BARRIER AT LOCATIONS WHERE A HAZARD OR SLOPE STEEPER THAN 1V:10H EXISTS WITHIN 3 FEET TO THE BARRIER. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TEMPORARY CONCRETE BARRIER", OR "RELOCATE TEMPORARY CONCRETE BARRIER", AS APPLICABLE.
4. THE PAY ITEM, TEMPORARY PAVEMENT, 8 INCH, INCLUDES BOTH TEMPORARY PAVEMENT AND TEMPORARY SHOULDERS.

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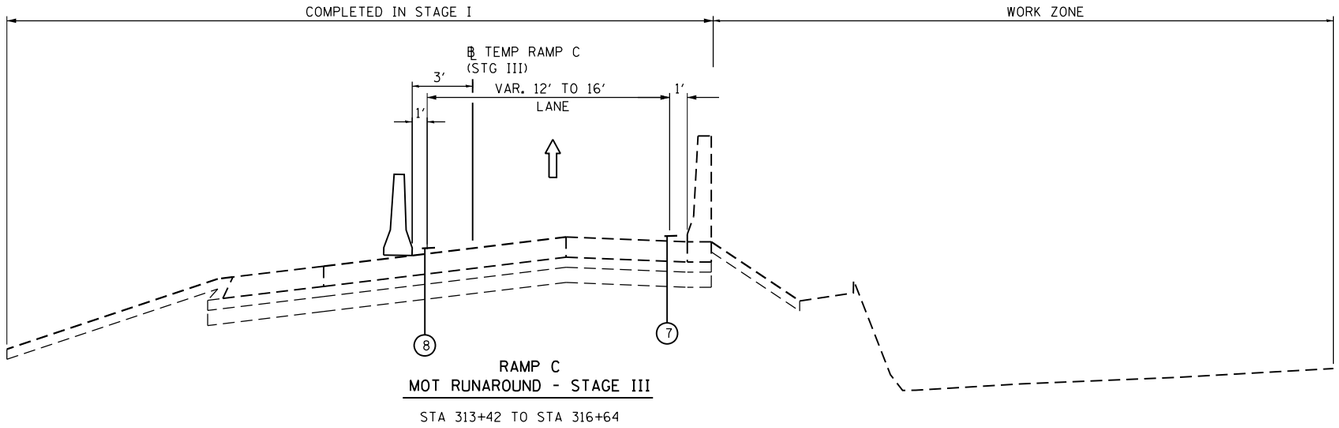
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
RAMP C TYPICAL SECTIONS
STAGE III

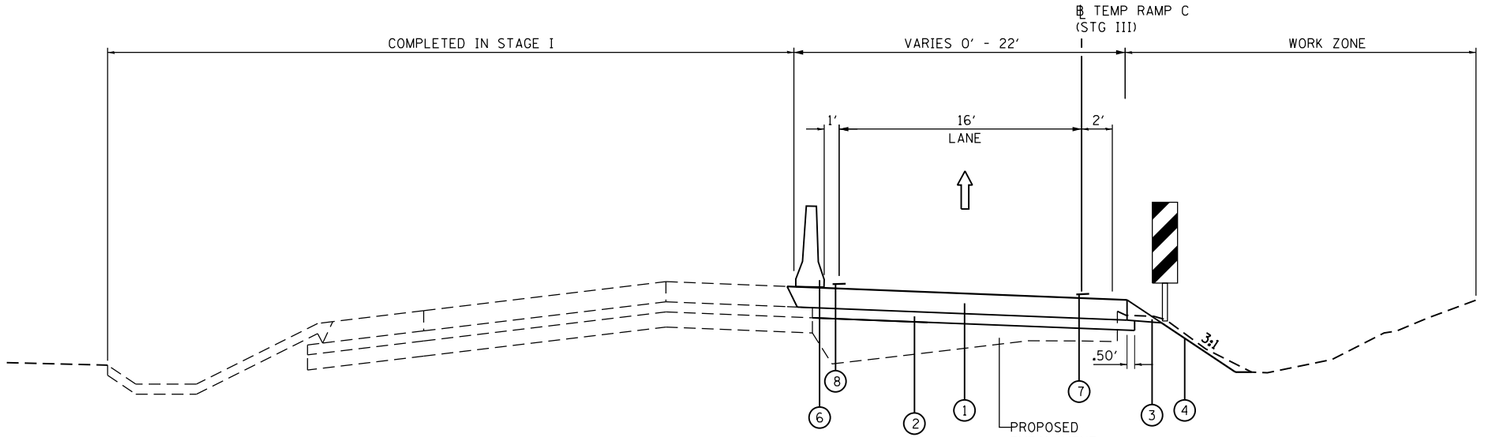
SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	99
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



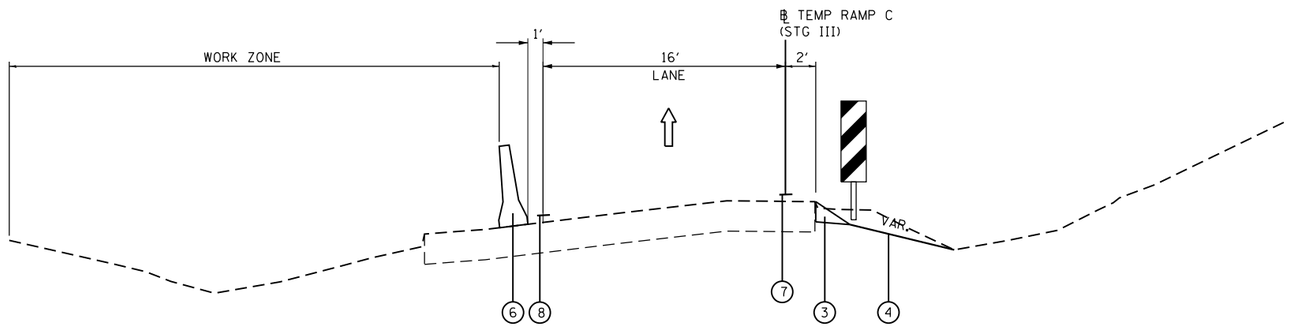
RAMP C
MOT RUNAROUND - STAGE III

STA 313+42 TO STA 316+64



RAMP C
MOT RUNAROUND - STAGE III

STA 316+64 TO STA 318+20



RAMP C
MOT RUNAROUND - STAGE III

STA 318+20 TO STA 320+98

PROPOSED LEGEND:

1. TEMPORARY PAVEMENT, 8"
2. AGGREGATE SUBGRADE IMPROVEMENT, 4"
3. AGGREGATE SHOULDERS, TYPE B, 6"
4. TEMPORARY EROSION CONTROL SEEDING
5. TEMPORARY CONCRETE BARRIER
6. TEMPORARY CONCRETE BARRIER, RELOCATE
7. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" WHITE
8. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" YELLOW
9. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 4" WHITE (2' DASH - 6' SKIP)
10. WET REFLECTIVE TEMPORARY TAPE TYPE III - LINE 8" WHITE

NOTES:

1. SEE STRUCTURAL PLANS FOR STAGE III TYPICAL CROSS SECTIONS FROM STA 308+08 TO STA 313+42 AND TUNNEL ROOF DETAILS.
2. TEMPORARY PAVEMENT ON RAMP C SHALL BE ACCORDING TO THE PAVEMENT STRUCTURE DETAILS AND MIX DESIGN REQUIREMENTS ON THE TYPICAL SECTIONS
3. THE TEMPORARY CONCRETE BARRIER SHALL BE SECURED TO THE PAVEMENT USING THREE (3) ANCHORING PINS ON THE TRAFFIC SIDE OF THE BARRIER AT LOCATIONS WHERE A HAZARD OR SLOPE STEEPER THAN 1V:1OH EXISTS WITHIN 3 FEET TO THE BARRIER. THE COST OF THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR "TEMPORARY CONCRETE BARRIER", OR "RELOCATE TEMPORARY CONCRETE BARRIER", AS APPLICABLE.
4. THE PAY ITEM, TEMPORARY PAVEMENT, 8 INCH, INCLUDES BOTH TEMPORARY PAVEMENT AND TEMPORARY SHOULDERS.

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING AND TRAFFIC CONTROL
RAMP C TYPICAL SECTIONS
STAGE III

SCALE: | SHEET NO. OF SHEETS | STA. | TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
90/94	0303-474HB-R	COOK	368	100
		CONTRACT NO. 60F63		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		