

FOR INDEX OF SHEETS, SEE SHEET NO. 2

PROJECT LOCATED IN
THE VILLAGE OF BURR RIDGE
IN COOK & DUPAGE COUNTIES

STATE OF ILLINOIS 09-20-13 LETTING ITEM 003

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	1
FED. ROAD DIST. NO. 1		ILLINOIS	CONTRACT NO. 60K77	

DEPARTMENT OF TRANSPORTATION

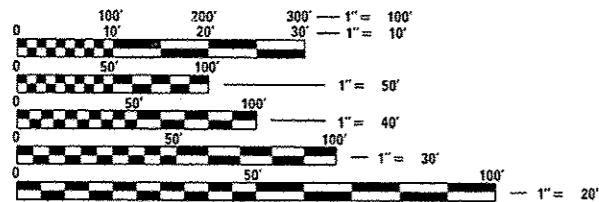
DIVISION OF HIGHWAYS

PROPOSED HIGHWAY PLANS

FAI 55 (I-55)
AT COUNTY LINE ROAD
SECTION 22-1HB-R
PROJECT : NHPP-TE-0055(009)
COOK /DUPAGE COUNTY
BRIDGE SUPERSTRUCTURE
C-91-591-10

COUNTY LINE ROAD
POSTED SPEED LIMIT = 45 MPH
DESIGN SPEED LIMIT = 50 MPH

FUNCTIONAL CLASSIFICATION
MINOR URBAN ARTERIAL
2010 ADT = 18,400
P.V. = 94.2% S.U. & M.U. = 5.8%



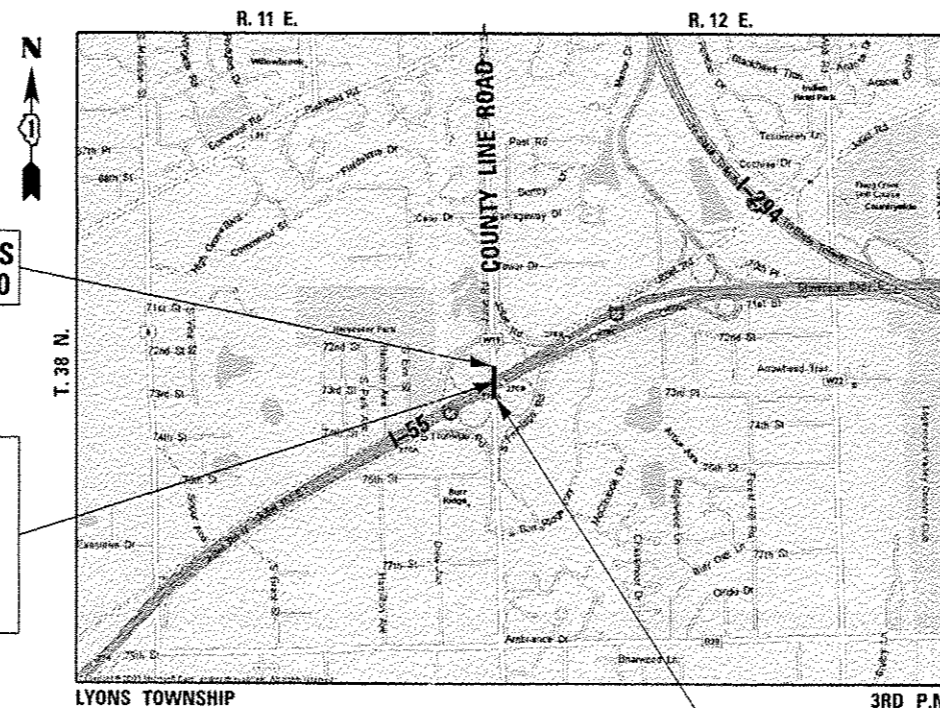
FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT MANAGER: BRIAN KUTTAB

CONTRACT NO. 60K77

GROSS LENGTH = 475.00 FT. = 0.090 MILE
NET LENGTH = 475.00 FT. = 0.090 MILE



PROJECT ENDS
STA 66 + 55.00

BRIDGE
SUPERSTRUCTURE
STA. 64 + 13.00
S.N. 016-0587
COUNTY LINE ROAD
OVER I-55

LOCATION MAP
NOT TO SCALE

PROJECT BEGINS
STA. 61 + 80.00

Marc A. Grigas
1/24/13 Exp. 11/30/13
STRAND ASSOCIATES, INC.
MARC A. GRIGAS, P.E.
THIS STAMP APPLIES TO
DRAWINGS NO. 1-46, 50-59, 61-68,
73, 74, 78, 131-161

Anthony J. Standish
1/24/13 Exp. 11/30/13
STRAND ASSOCIATES, INC.
ANTHONY J. STANDISH, P.E., S.E.
THIS STAMP APPLIES TO
DRAWINGS NO. 69-72, 89-130

Andrew J. Runde
1/24/13 Exp. 11/30/13
STRAND ASSOCIATES, INC.
ANDREW J. RUNDE, P.E.,
THIS STAMP APPLIES TO
DRAWINGS NO. 75-77

Isaac Yun
1/24/2013 Exp. 11/30/2013
SINGH & ASSOCIATES, INC.
ISAAC YUN, P.E.
THIS STAMP APPLIES TO
DRAWINGS NO. 47-49, 60

Angela C. Giovannone
1/24/2013 Exp. 11/30/2013
SINGH & ASSOCIATES, INC.
ANGELA C. GIOVANNONE, P.E.
THIS STAMP APPLIES TO
DRAWINGS NO. 84-88



SA
STRAND
ASSOCIATES*
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
IDFPR NO. 184-001273

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED *January 25, 2013*

John Fortman
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Aug 16 2013
John D. Baranelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

Aug 16 2013
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS

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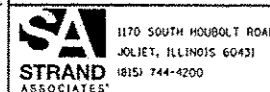
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FILE NAME = S:\J02-6302-6399\AS346\028\Micro\CA00 Sheets\1016877-01-1.indd.dgn



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PLOT SCALE: 40.0000 / in.	CHECKED: DWG	REVISED:
PLOT DATE: 1/30/2013	DATE: 01-24-13	REVISED:

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS, AND STANDARDS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1MB-R	COOK/DUPAGE	161	2
				CONTRACT NO. 60K77

ILLINOIS FED. AID PROJECT

GENERAL NOTES

1. ALL CONSTRUCTION SHALL BE DONE ACCORDING TO THE STATE OF ILLINOIS "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" ADOPTED JAN. 1, 2012, THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS" ADOPTED JANUARY 1, 2013, THE DETAILS IN THESE PLANS, AND THE SPECIAL PROVISIONS INCLUDED IN THE CONTRACT DOCUMENTS.
 2. THE SCALE SHOWN ON THE DRAWINGS APPLIES ONLY TO FULL SIZE PLANS AND NOT TO THE REDUCED SIZE PLANS. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.
 3. ANY REFERENCE TO STANDARDS THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE LATEST STANDARDS OF THE ILLINOIS DEPARTMENT OF TRANSPORTATION.
 4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
 5. THE LOCATION AND ELEVATION OF THE VARIOUS UNDERGROUND UTILITIES AS SHOWN ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL USE SPECIAL CARE WHEN CONDUCTING CONSTRUCTION OPERATIONS NEAR THEM AND IS RESPONSIBLE FOR ANY DAMAGE CAUSED.
 6. THE CONTRACTOR SHALL NOTIFY THE AGENCIES AND UTILITIES AT LEAST 10 DAYS PRIOR TO ANY CONSTRUCTION IN THE AREA AND SHALL COMPLY WITH ALL RESTRICTIONS FOR EQUIPMENT MOVEMENTS AND CLEARANCES IN REGARDS TO THEIR FACILITIES.
 7. 48 HOURS PRIOR TO THE START OF ANY EXCAVATION, THE CONTRACTOR SHALL CALL J.U.L.I.E. AND THE VILLAGE OF BURR RIDGE FOR VERIFICATION OF ALL UTILITY LOCATIONS IN THE FIELD.
 8. THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT 847-705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
 9. THE CONTRACTOR SHALL COORDINATE WITH ALL ABOVE AND UNDERGROUND UTILITY COMPANIES IF UTILITIES NEED TO BE RELOCATED.
 10. THE CONTRACTOR SHALL ENSURE ALL PERMITS HAVE BEEN OBTAINED PRIOR TO COMMENCEMENT OF WORK
 11. WHERE SECTION OR SUBSECTION MONUMENTS ARE ENCOUNTERED, THE ENGINEER SHALL BE NOTIFIED BEFORE SUCH MONUMENTS ARE REMOVED. THE CONTRACTOR SHALL PROTECT AND CAREFULLY PRESERVE ALL PROPERTY MARKER MONUMENTS UNTIL THE OWNER, AN AUTHORIZED AGENT, OR LAND SURVEYOR HAS WITNESSED OR OTHERWISE REFERENCED THEIR LOCATION. THE CONTRACTOR WILL BE RESPONSIBLE FOR HAVING AN AUTHORIZED SURVEYOR REESTABLISH ANY SECTION OR SUB-SECTION MONUMENTS DISRUPTED BY THEIR OPERATIONS.
12. THE CONTRACTOR SHALL ENSURE THAT POSITIVE DRAINAGE IS MAINTAINED AT ALL TIMES DURING AND AFTER THE CONSTRUCTION OF THE PROPOSED COMBINATION CONCRETE CURB AND GUTTER. THIS WORK SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPLICABLE TYPE OF COMBINATION CONCRETE CURB AND GUTTER.
13. TEN FOOT TRANSITIONS SHALL BE USED TO MATCH PROPOSED CURB AND GUTTER AND MEDIAN ITEMS TO EXISTING CURBS AND GUTTERS AND MEDIANS IN THE FIELD, UNLESS OTHERWISE SHOWN. THE TRANSITIONS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE APPLICABLE TYPE OF COMBINATION CONCRETE CURB AND GUTTER.
14. 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.
15. ALL DAMAGE TO EXISTING PAVEMENT MARKINGS OR RAISED REFLECTIVE PAVEMENT MARKERS OUTSIDE THE REMOVAL LINE SHOWN ON THE PLANS SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
16. THE REMOVAL OF GUARDRAIL TERMINAL SECTIONS SHALL BE INCLUDED IN THE UNIT PRICE PER LINEAL FOOT FOR "STEEL PLATE BEAM GUARDRAIL REMOVAL."
17. USE #8 EPOXY-COATED TIE BARS, CONFORMING TO ART. 1006.10 OF THE STANDARD SPECIFICATION, FOR ALL TIE BARS. USE THE "LONGITUDINAL CONSTRUCTION JOINT (TIE BAR GROUTED IN PLACE)" DETAIL SHOWN ON HIGHWAY STANDARD 420001 FOR ALL LONGITUDINAL JOINTS AS SHOWN IN THE PLANS.
18. THE TIE BARS AT THE LONGITUDINAL CONSTRUCTION JOINT BETWEEN THE PCC SHOULDER AND THE ANCHOR SLAB SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST PER SQUARE YARD OF THE PCC SHOULDER.
19. THE TIE BARS AT THE LONGITUDINAL CONSTRUCTION JOINT BETWEEN PCC PAVEMENT SHALL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCLUDED IN THE COST PER SQUARE YARD OF THE PCC PAVEMENT.

20. THE FRAMES AND LIDS OF EXISTING UTILITY OR DRAINAGE STRUCTURES WITHIN THE LIMITS OF THIS IMPROVEMENT PROJECT THAT ARE NOT NOTED ON THE PLANS FOR REPLACEMENT OR RECONSTRUCTION SHALL BE ADJUSTED TO MATCH THE PROPOSED ROADWAY GRADES. THE FRAMES AND LIDS OF PRIVATE UTILITY STRUCTURES SHALL BE ADJUSTED BY THEIR RESPECTIVE OWNERS AND ARE NOT PART OF THIS CONTRACT. HOWEVER, THE CONTRACTOR SHALL COORDINATE WITH PRIVATE UTILITY OWNERS TO HAVE ADJUSTMENTS PERFORMED.
21. ALL STORM SEWER SHALL BE REINFORCED CONCRETE AND O-RING GASKETED OR EQUAL CONFORMING TO ASTM C443. THIS WORK SHALL BE INCLUDED IN THE COST FOR STORM SEWERS OF THE CLASS, TYPE AND SIZE SPECIFIED.
22. LAYOUT AND STAKING FOR ALL CONSTRUCTION OPERATIONS SHALL BE PROVIDED BY THE CONTRACTOR.
23. TOP SOIL SHALL BE FERTILE, FRIABLE, NATURAL LOAM, SURFACE SOIL, REASONABLY FREE OF SUBSOIL, CLAY LUMPS, BRUSH WEEDS AND OTHER LITTER AND FREE OF ROOT STUMPS, STONES AND OTHER MATERIAL HARMFUL TO PLANT GROWTH.
24. CLEARING OF BRUSH, BUSHES AND TREES WITH A DIAMETER LESS THAN 6 INCHES WILL NOT BE PAID FOR SEPARATELY PER SECTION 202 OF THE STANDARD SPECIFICATIONS.
25. WHERE SPECIFIED ON THE PLANS, OR DIRECTED BY THE ENGINEER, TRIMMING OF VEGETATION WILL BE CONSIDERED TO BE CLEARING AND NOT MEASURED FOR PAYMENT.
26. THE COST OF CONNECTING EXISTING STORM SEWERS TO THE PROPOSED DRAINAGE SYSTEM AND/OR CONNECTING PROPOSED STORM SEWER TO EXISTING STRUCTURES SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED DRAINAGE STRUCTURE AND/OR THE COST OF THE PROPOSED STORM SEWER. ALL NECESSARY ADDITIONAL PIPE USED WILL BE PAID FOR AT THE CONTRACT UNIT PRICE FOR STORM SEWER OF THE SIZE REQUIRED.
27. WHEN EXISTING DRAINAGE FACILITIES ARE DISTURBED, THE CONTRACTOR SHALL PROVIDE AND MAINTAIN TEMPORARY OUTLETS AND CONNECTIONS FOR ALL PRIVATE OR PUBLIC DRAINS, SEWERS, OR CATCH BASINS. THEY SHALL PROVIDE FACILITIES TO TAKE IN ALL STORM WATER WHICH WILL BE RECEIVED BY THESE DRAINS AND SEWERS AND DISCHARGE SAME. THEY SHALL PROVIDE AND MAINTAIN AN EFFICIENT PUMPING PLANT, IF NECESSARY, AND A TEMPORARY OUTLET SHALL BE PREPARED AT ALL TIMES TO DISPOSE OF THE WATER RECEIVED FROM THESE TEMPORARY CONNECTIONS UNTIL SUCH TIME AS THE PERMANENT ROADSIDE DRAINAGE SYSTEM IS BUILT AND IN SERVICE. THIS WORK WILL NOT BE PAID FOR DIRECTLY, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
28. DRAINAGE STRUCTURE GRADES SHALL BE VERIFIED IN THE FIELD PRIOR TO INSTALLATION OF DRAINAGE ITEMS. DRAINAGE STRUCTURES MAY REQUIRE REVISIONS TO MEET EXISTING FIELD CONDITIONS. ANY ADJUSTMENT SHALL BE AS DIRECTED BY THE ENGINEER.
29. UNLESS OTHERWISE NOTED, LOCATIONS SHOWN ON THE PLANS ARE TO THE EDGE OF PAVEMENT FOR STRUCTURES IN THE CURB AND GUTTER AND TO THE CENTER OF THE STRUCTURE FOR ALL OTHER STRUCTURES. FLAT TOPS AND CONES ARE TO BE TURNED SO THAT THE FRAME IS CLOSEST TO THE CENTER LINE OF THE ROAD, UNLESS OTHERWISE NOTED ON THE STRUCTURE IN THE PLANS. ALL FLAT TOPS AND CONES ARE ASSUMED TO BE ECCENTRIC.
30. ALL SUBSURFACE DRAINS AND/OR FIELD TILES ENCOUNTERED IN THE ROADWAY EXCAVATION SHALL BE REMOVED AND CONSIDERED TO BE INCLUDED IN THE COST OF EARTH EXCAVATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CAPPING THE EXISTING SUBSURFACE DRAINS OR CONNECTING TO THE PROPOSED DITCHES AT THE LOCATIONS SHOWN IN THE PLANS OR AS DIRECTED BY THE OWNER. THIS WORK SHALL NOT BE MEASURED SEPARATELY FOR PAYMENT, BUT SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
31. UNLESS OTHERWISE IDENTIFIED ON THE PLANS, PIPE DRAINS SHALL BE INSTALLED AT A SLOPE OF 0.20%.
32. REMOVAL OF EXISTING PIPE DRAINS WILL NOT BE PAID FOR SEPARATELY AND SHALL BE INCLUDED IN THE COST OF EARTH EXCAVATION.
33. REMOVAL OF STORM SEWER END SECTIONS SHALL BE PAID PER FOOT UNDER STORM SEWER REMOVAL.
34. THE PROPOSED DRAINAGE STRUCTURES AND PIPES SHALL BE PROTECTED IMMEDIATELY AFTER THEY ARE CONSTRUCTED UNTIL THE SURFACES THAT DRAIN TO THEM ARE FULLY PAVED OR VEGETATED.
35. ALL SIGN RELOCATIONS AND PROPOSED SIGNS SHALL BE PLACED IN THE LOCATION INDICATED IN THE SIGN SCHEDULE IN THE SCHEDULE OF QUANTITIES. ALL SIGNS SHALL BE INSTALLED ACCORDING TO THE MUTCD AND THE ILLINOIS STANDARD SPECIFICATIONS.
36. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR JOB SITE SAFETY AS WELL AS SUPERVISION, DIRECTION AND MEANS/METHOD OF CONSTRUCTION.

37. THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE PRESERVATION OF EXISTING TREES IS OF UTMOST IMPORTANCE TO THE VILLAGE OF BURR RIDGE. ALL TREE PROTECTION, TREE REMOVAL, PRUNING AND ROOT PRUNING SHALL BE COMPLETED BEFORE CONSTRUCTION OPERATIONS COMMENCE IN ANY AREA. AT NO TIME SHALL THE CONTRACTOR PRUNE OR REMOVE ANY TREES UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.
38. 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.
39. FOR WORK OUTSIDE THE LIMITS OF BRIDGE APPROACH PAVEMENT, ALL REFERENCES IN THE HIGHWAY STANDARDS AND STANDARD SPECIFICATIONS FOR REINFORCEMENT, DWEL 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.
40. BELOW ARE CONTACT DETAILS FOR VARIOUS BUSINESSES AND UTILITIES THAT WILL BE AFFECTED BY THE PROJECT.
- | AGENCY | CONTACT PERSON | TELEPHONE |
|--------------------------------|-----------------------------|-----------|
| COMED
VILLAGE OF BURR RIDGE | ILYAS MOHIUDDIN
PAUL MAY | |
41. ALL SAW CUTS SHALL BE INCLUDED IN THE COST OF THE VARIOUS REMOVAL ITEMS.
42. THE CONTRACTOR SHALL INFORM THE COOK COUNTY ENGINEER AT (312) 603-1730 PRIOR TO THE START OF ANY WORK ON THE CONTRACT. A MINIMUM OF FIVE (5) WORKING DAYS ADVANCED NOTICE IS REQUIRED.
43. THE CONTRACTOR SHALL INFORM TO COOK COUNTY TRANSPORTATION BUREAU AT (847) 827 -7824 OR (312) 603-1660 FIVE DAYS IN ADVANCE PRIOR TO INSTALLATION OF PAVEMENT MARKINGS ON COUNTY LINE ROAD.
44. IT IS ASSUMED THAT THE TOP 4 INCHES OF THE EXISTING GROUND OUTSIDE THE PAVEMENT SHALL BE EXCAVATED AND RE-SPREAD. QUANTITIES FOR THIS WORK ARE INCLUDED IN TOP SOIL EXCAVATION AND PLACEMENT 630-323-4733
45. THE GENERAL CONTRACTOR IS REQUIRED TO HIRE AN ENVIRONMENTAL FIRM WITH AT LEAST FIVE (5) DOCUMENTED LEAKING UNDERGROUND STORAGE CLEANUPS OR THAT IS PRE-QUALIFIED IN HAZARDOUS WASTE BY THE DEPARTMENT TO REMEDIATE THE SOIL CONTAMINATION AND MONITOR FOR WORKER PROTECTION.
46. THE CONTRACTOR SHALL ERECT A PERIMETER EROSION BARRIER AROUND EXISTING WETLANDS TO ESTABLISH A "WETLAND PROTECTION ZONE" BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED, MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE "WETLAND PROTECTION ZONE". REMOVE PERIMETER EROSION BARRIER ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.
47. THE CONTRACTOR SHALL ATTACH AN ALUMINUM SIGN WITH THE FOLLOWING TEXT: PROTECTED WETLAND - NO INTRUSION. THE SIGN(S) SHALL BE ATTACHED TO THE STAKES BY A METHOD APPROVED BY THE ENGINEER. THE SIGN(S) WILL BE PROVIDED BY THE DEPARTMENT AND SHALL BE PICKED UP BY THE CONTRACTOR FROM THE DISTRICT ONE ROADSIDE DEVELOPMENT ARCHITECT IN SCHAUMBURG, ILLINOIS. SCHEDULING THE PICKUP OF THE SIGNS CAN BE ARRANGED BY CONTACTING THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT AT (847)705-4171. WHEN WORK HAS BEEN COMPLETED, THE SIGN SHALL BE RETURNED TO THE DISTRICT ONE ROADSIDE DEVELOPMENT UNIT. THE COST OF PICKING UP, ATTACHING THE SIGNS TO THE TEMPORARY STAKES AND RETURNING THE SIGNS WILL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR PERIMETER EROSION BARRIER.
48. EROSION CONTROL BLANKET SHALL BE PLACED ON ALL AREAS WITH TEMPORARY SEEDING THAT ARE ON SLOPES 1:3 AND GREATER OR WITHIN 25' FROM THE EDGE OF SHOULDER/BACK OF CURB AS SHOWN IN THE TEMPORARY EROSION AND SEDIMENT CONTROL PLANS SHEETS 48 AND 49. EROSION CONTROL BLANKET SHALL BE PLACED ON ALL AREAS WITH PERMANENT SEEDING, CLASS 2A THAT ARE ON SLOPES 1:3 AND GREATER OR WITHIN 25' FROM THE EDGE OF SHOULDER/BACK OF CURB AS SHOWN IN THE LANDSCAPING AND PERMANENT EROSION CONTROL PLANS ON SHEETS 60 AND 66. EROSION CONTROL BLANKET, SPECIAL SHALL BE PLACED ON ALL AREAS WITH PERMANENT SEEDING, CLASS 4 (MODIFIED) THAT ARE ON SLOPES 1:3 AND GREATER OR WITHIN 25' FROM THE EDGE OF SHOULDER/BACK OF CURB AS SHOWN IN THE LANDSCAPING PLANS ON SHEET 66.

COMMITMENTS

FOLLOWING IS A LIST OF COMMITMENTS THE DEPARTMENT HAS MADE REGARDING THIS PROJECT:

BURR RIDGE WISHES TO IMPROVE THE AESTHETICS OF THE COUNTY LINE ROAD BRIDGE OVER I-55 AND IMPROVEMENTS HAVE BEEN INCLUDED IN THESE PLANS. BURR RIDGE IS RESPONSIBLE FOR ANY COSTS INCURRED BY THESE AESTHETIC IMPROVEMENTS IN ACCORDANCE WITH THE APPROVED INTERGOVERNMENTAL AGREEMENT AND TERMS OF THE ITP GRANT.

DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS.

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PLOT DATE = 2/19/2013	DATE - 01-24-13	REVISED -	

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GENERAL NOTES

SCALE:	SHEET 1 OF 1 SHEETS	STA. TO STA.						
				F.A.I. RTE. 55	SECTION 22-1HB-R	COUNTY COOK/DUPAGE	TOTAL SHEETS 161	SHEET NO. 3
				CONTRACT NO. 60K77				ILLINOIS FED. AID PROJECT

M001J

L22EJ

M001J

L22EJ

CONSTRUCTION TYPE CODES

INT. MAIN RECONSTRUCTION, NO ADDED CAPACITY 90% FEDERAL 10% STATE		INT. MAIN BRIDGE REPLACEMENT, NO ADDED CAPACITY 90% FEDERAL 10% STATE		ITEP S.N. 016-0587 80% FEDERAL 20% BURR RIDGE		INT. MAIN UNDERPASS LIGHTING 90% FEDERAL 10% STATE		ITEP STREET LIGHTING 80% FEDERAL 20% BURR RIDGE		ITEP LANDSCAPING 80% FEDERAL 20% BURR RIDGE	
0004		0011		0011		0021		0021		0031	
URBAN		URBAN		URBAN		URBAN		URBAN		URBAN	
COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY										
20100110	TREE REMOVAL (6 TO 15 UNITS DIAMETER)	UNIT	292									146	146
20100210	TREE REMOVAL (OVER 15 UNITS DIAMETER)	UNIT	408									204	204
20101700	SUPPLEMENTAL WATERING	UNIT	300									150	150
20200100	EARTH EXCAVATION	CU YD	2,109	1,004	1,003							51	51
20400800	FURNISHED EXCAVATION	CU YD	2,652	245	246							1,080	1,081
20800150	TRENCH BACKFILL	CU YD	93	26	26							21	20
20900110	POROUS GRANULAR BACKFILL	CU YD	270									135	135
* 21101505	TOPSOIL EXCAVATION AND PLACEMENT	CU YD	1,110	346	346							209	209
* 21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	14,235									7,118	7,117
* 25000210	SEEDING, CLASS 2A	ACRE	2.75	.38	.37							1	1
* 25000350	SEEDING, CLASS 7	ACRE	5	.5	.5							2	2
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	230	25	25							90	90
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	230	25	25							90	90
* Δ 25000750	MOWING	ACRE	15									7.5	7.5

* SPECIALTY ITEM Δ NON-PARTICIPATING (100% STATE)

FILE NAME : S:\D\16380-6391\6346\B2B\Micro\1600 Sheet\01600-77-sh1-500.dgn



USER NAME : johnhp
 MODEL NAME : Default
 PLOT SCALE : 2,0000' / 1" =
 PLOT DATE : 7/18/2013

DESIGNED - MAG
 DRAWN - DJW
 CHECKED - DWG
 DATE - 07-18-13

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	CO.	TOTAL SHEETS	SHEET NO.
55	22-JHB-R	COOK/DUPAGE	161	4
CONTRACT NO. 60K77			ILLINOIS FED. AID PROJECT	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES											
				INT. MAIN RECONSTRUCTION, NO ADDED CAPACITY		INT. MAIN BRIDGE REPLACEMENT, NO ADDED CAPACITY S.N. 016-0587		ITEP		INT. MAIN UNDERPASS LIGHTING		ITEP STREET LIGHTING		ITEP LANDSCAPING	
				90% FEDERAL 10% STATE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		80% FEDERAL 20% BURR RIDGE	
				0004		0011		0011		0021		0021		0031	
				URBAN		URBAN		URBAN		URBAN		URBAN		URBAN	
COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE		
* 25100115	MULCH, METHOD 2	ACRE	4											2	2
* 25100630	EROSION CONTROL BLANKET	SQ YD	14,766	2,391	2,390									4,993	4,992
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	419	35	34									175	175
28000305	TEMPORARY DITCH CHECKS	FOOT	192	96	96										
28000400	PERIMETER EROSION BARRIER	FOOT	5,396	535	535									2,163	2,163
28000510	INLET FILTERS	EACH	20	10	10										
28100105	STONE RIPRAP, CLASS A3	SO YD	44	22	22										
28200200	FILTER FABRIC	SO YD	44	22	22										
30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SO YD	2,643	1,322	1,321										
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SO YD	2,114	1,057	1,057										
31102300	SUBBASE GRANULAR MATERIAL, TYPE C 6"	SO YD	1,350											675	675
31200502	STABILIZED SUBBASE - HOT-MIX ASPHALT, 4 1/2"	SO YD	992	496	496										
40600200	BITUMINOUS MATERIALS (PRIME COAT)	TON	9.2	4.6	4.6										
42000501	PORTLAND CEMENT CONCRETE PAVEMENT 10" (JOINTED)	SO YD	86	43	43										

FILE NAME : S:\102_6388--6394\10345\1023\micron\c600 Sheets\0160677-11-500.dgn

* SPECIALTY ITEM



1170 SOUTH HOBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME : jshrkp	DESIGNED - MAG	REVISED -
MODEL NAME : Default	DRAWN - DJW	REVISED -
PLOT SCALE : 2.0000 1/1 in.	CHECKED - DWG	REVISED -
PLOT DATE : 7/10/2013	DATE - 07-18-13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

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

F.A.I. RTE.	SECTION	CO.	TOTAL SHEETS	SHEET NO.
55	22-IHB-R	COOK/DUPAGE	161	5
CONTRACT NO. 60K77				

ILLINOIS FED. AID PROJECT

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES											
				INT. MAIN RECONSTRUCTION, NO ADDED CAPACITY		INT. MAIN BRIDGE REPLACEMENT, NO ADDED CAPACITY		ITEP S.N. 016-0587		INT. MAIN UNDERPASS LIGHTING		ITEP STREET LIGHTING		ITEP LANDSCAPING	
				90% FEDERAL 10% STATE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		80% FEDERAL 20% BURR RIDGE	
				0004		0011		0011		0021		0021		0031	
				URBAN		URBAN		URBAN		URBAN		URBAN		URBAN	
		COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE		
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SO YD	848	424	424										
44000100	PAVEMENT REMOVAL	SO YD	3,140	1,570	1,570										
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	486	243	243										
44003100	MEDIAN REMOVAL	SQ FT	13,058	6,529	6,529										
44004000	PAVED DITCH REMOVAL	FOOT	20	20											
44004250	PAVED SHOULDER REMOVAL	SO YD	909	455	454										
48101620	AGGREGATE SHOULDERS, TYPE B 10"	SO YD	632	316	316										
48300500	PORTLAND CEMENT CONCRETE SHOULDERS 10"	SO YD	167	84	83										
50101500	REMOVAL OF EXISTING SUPERSTRUCTURES	EACH	1			.5	.5								
50102400	CONCRETE REMOVAL	CU YD	200			100	100								
50104650	SLOPE WALL REMOVAL	SO YD	90			45	45								
50157300	PROTECTIVE SHIELD	SO YD	1,990			995	995								
50200100	STRUCTURE EXCAVATION	CU YD	400			200	200								
50300225	CONCRETE STRUCTURES	CU YD	221			82	83					28	28		

* SPECIALTY ITEM

FILE NAME : S:\JUL162013-639916345\028\Micro\16400 Sheets\016R17-sh1-500.dgn



1170 SOUTH HARBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME : johnhp
MODEL NAME : Default
PLOT SCALE : 2.0000' / in.
PLOT DATE : 7/18/2013

DESIGNED - MAG
DRAWN - DJW
CHECKED - DWG
DATE - 07-18-13

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	CO.	TOTAL SHEETS	SHEET NO.
55	22-IHB-R	COOK/DUPAGE	161	6
CONTRACT NO. 60K77				

ILLINOIS FED. AID PROJECT

FILE NAME = S:\JULI6300-6399\346\28\Views\CADD Sheets\Dist\77-Int-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES											
				INT. MAIN RECONSTRUCTION, NO ADDED CAPACITY		INT. MAIN BRIDGE REPLACEMENT, NO ADDED CAPACITY		ITEP S.N. 016-0587		INT. MAIN UNDERPASS LIGHTING		ITEP STREET LIGHTING		ITEP LANDSCAPING	
				90% FEDERAL 10% STATE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		80% FEDERAL 20% BURR RIDGE	
				0004		0011		0011		0021		0021		0031	
				URBAN		URBAN		URBAN		URBAN		URBAN		URBAN	
COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	1,282			641	641								
50300260	BRIDGE DECK GROOVING	SO YD	3,517			1,758	1,759								
50300280	CONCRETE ENCASEMENT	CU YD	12			6	6								
50300285	FORM LINER TEXTURED SURFACE	SO FT	2,383					1,192	1,191						
50300300	PROTECTIVE COAT	SO YD	4,165			2,082	2,083								
50500105	FURNISHING AND ERECTING STRUCTURAL STEEL	L SUM	1			.5	.5								
50500505	STUD SHEAR CONNECTORS	EACH	22,290			11,145	11,145								
50800105	REINFORCEMENT BARS	POUND	1,284	366	366							276	276		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	352,980			172,805	172,805					3,685	3,685		
50800515	BAR SPLICERS	EACH	1,516			758	758								
51100100	SLOPE WALL 4 INCH	SO YD	259			129	130								
51201600	FURNISHING STEEL PILES HP12X53	FOOT	1,936			968	968								
51202305	DRIVING PILES	FOOT	1,936			968	968								
51203600	TEST PILE STEEL HP12X53	EACH	2			1	1								

* SPECIALTY ITEM



1170 SOUTH HOOBOLT ROAD JOLIET, ILLINOIS 60431 815/744-4200	USER NAME = johnhp MODEL NAME = Default PLOT SCALE = 2.0000 "/>
---	---

DESIGNED - MAG	REVISED -
DRAWN - DJW	REVISED -
CHECKED - DWG	REVISED -
DATE - 07-18-13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

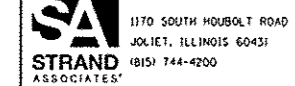
SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.I. RTE. 55	SECTION 22-1HB-R	CO. COOK/DUPAGE	TOTAL SHEETS 161	SHEET NO. 7
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES											
				INT. MAIN RECONSTRUCTION, NO ADDED CAPACITY		INT. MAIN BRIDGE REPLACEMENT, NO ADDED CAPACITY S.N. 016-0587		ITEP		INT. MAIN UNDERPASS LIGHTING		ITEP STREET LIGHTING		ITEP LANDSCAPING	
				90% FEDERAL 10% STATE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		80% FEDERAL 20% BURR RIDGE	
				0004		0011		0011		0021		0021		0031	
URBAN		URBAN		URBAN		URBAN		URBAN		URBAN		URBAN			
COOK		DUPAGE		COOK		DUPAGE		COOK		DUPAGE		COOK		DUPAGE	
51500100	NAME PLATES	EACH	1												
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH	28			14	14								
52100520	ANCHOR BOLTS, 1"	EACH	140			70	70								
54215547	METAL END SECTIONS 12"	EACH	4	2	2										
550A0340	STORM SEWERS, CLASS A, TYPE 2 12"	FOOT	355	178	177										
55100500	STORM SEWER REMOVAL 12"	FOOT	182	91	91										
58700300	CONCRETE SEALER	SO FT	97			48	49								
59000200	EPOXY CRACK INJECTION	FOOT	446			223	223								
59100100	GEOCOMPOSITE WALL DRAIN	SO YD	195			97	98								
60100060	CONCRETE HEADWALLS FOR PIPE DRAINS	EACH	4	2	2										
60100945	PIPE DRAINS 12"	FOOT	167	84	83										
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	161	81	80										
60109510	PIPE UNDERDRAINS, FABRIC LINED TRENCH 4"	FOOT	1,250											625	625
60201340	CATCH BASINS, TYPE A, 4' -DIAMETER, TYPE 24 FRAME AND GRATE	EACH	4	2	2										

* SPECIALTY ITEM

FILE NAME : S:\101_63382-6399\101_63382\101_63382\101_63382.dwg



1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME : jshnp	DESIGNED - MAG	REVISED -
MODEL NAME : Default	DRAWN - DJW	REVISED -
PLOT SCALE : 2.0000' / 1"	CHECKED - DWG	REVISED -
PLOT DATE : 7/18/2013	DATE - 07-18-13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS

F.A.I. RTE. 55	SECTION 22-IHB-R	CO. COOK/DUPAGE	TOTAL SHEETS 161	SHEET NO. 8
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES											
				INT. MAIN		INT. MAIN		ITEP		INT. MAIN		ITEP		ITEP	
				RECONSTRUCTION, NO ADDED CAPACITY		BRIDGE REPLACEMENT, NO ADDED CAPACITY		S.N. 016-0587		UNDERPASS LIGHTING		STREET LIGHTING		LANDSCAPING	
				90% FEDERAL 10% STATE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		80% FEDERAL 20% BURR RIDGE	
				0004		0011		0011		0021		0021		0031	
URBAN		URBAN		URBAN		URBAN		URBAN		URBAN					
COOK		DUPAGE		COOK		DUPAGE		COOK		DUPAGE		COOK		DUPAGE	
60208240	CATCH BASINS, TYPE C, TYPE 24 FRAME AND GRATE	EACH	6	3	3										
60218400	MANHOLES, TYPE A, 4' -DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	4	2	2										
60240328	INLETS, TYPE B, TYPE 24 FRAME AND GRATE	EACH	2	1	1										
60500060	REMOVING INLETS	EACH	8	4	4										
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24	FOOT	432	216	216										
60617310	PAVED DITCH, TYPE B-22	FOOT	20	20											
60619600	CONCRETE MEDIAN, TYPE SB-6.12	SO FT	12,268	6,134	6,134										
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	363	182	181										
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	750	375	375										
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3	1	2										
63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	2	1	1										
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2	1	1										
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	1		1										
63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	2	1	1										

* SPECIALTY ITEM


FILE NAME : S:\JUL\6388-6391\6345\628\Microsoft\Auto Sheets\0168K77-act-500.dgn

 1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME : jhrkwp MODEL NAME : Default PLOT SCALE : 2.0000' / 1"	DESIGNED - MAG DRAWN - DJW CHECKED - DWG DATE - 07-18-13	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE. 55 SECTION 22-1HB-R CO. COOK/DUPAGE CONTRACT NO. 60K77	TOTAL SHEETS 161 SHEET NO. 9
	SCALE: SHEET OF SHEETS STA. TO STA.				ILLINOIS FED. AID PROJECT					

FILE NAME = S:\JUL162008-6599\6346\028\Microsoft\CAD Sheets\1018677-ah-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES											
				INT. MAIN RECONSTRUCTION, NO ADDED CAPACITY		INT. MAIN BRIDGE REPLACEMENT, NO ADDED CAPACITY S.N. 016-0587		ITEP		INT. MAIN UNDERPASS LIGHTING		ITEP STREET LIGHTING		ITEP LANDSCAPING	
				90% FEDERAL 10% STATE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		80% FEDERAL 20% BURR RIDGE	
				0004		0011		0011		0021		0021		0031	
URBAN		URBAN		URBAN		URBAN		URBAN		URBAN		URBAN			
COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE		
63200310	GUARDRAIL REMOVAL	FOOT	1,467	733	734										
66900200	NON-SPECIAL WASTE DISPOSAL	CU YD	520	260	260										
66900450	SPECIAL WASTE PLANS AND REPORTS	L SUM	1	.5	.5										
66900530	SOIL DISPOSAL ANALYSIS	EACH	1	.5	.5										
67100100	MOBILIZATION	L SUM	1	.5	.5										
70106800	CHANGEABLE MESSAGE SIGN	CAL MO	44	22	22										
70300100	SHORT TERM PAVEMENT MARKING	FOOT	51,800	25,900	25,900										
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	4,202	2,101	2,101										
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	189,339	94,670	94,669										
70300540	PAVEMENT MARKING TAPE, TYPE III 6"	FOOT	4,433	2,217	2,216										
70300550	PAVEMENT MARKING TAPE, TYPE III 8"	FOOT	63,456	31,728	31,728										
70300560	PAVEMENT MARKING TAPE, TYPE III 12"	FOOT	1,530	765	765										
70300570	PAVEMENT MARKING TAPE, TYPE III 24"	FOOT	240	120	120										
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SO FT	117,825	58,913	58,912										

* SPECIALTY ITEM



1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = jshhkp	DESIGNED - MAG	REVISED -
MODEL NAME = Default	DRAWN - DJW	REVISED -
PLOT SCALE = 2.0000' / 1"	CHECKED - DWG	REVISED -
PLOT DATE = 7/18/2013	DATE - 07-18-13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**


SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS

F.A.I. RTE. 55	SECTION 22-1HB-R	CO. 161	TOTAL SHEETS 10
CONTRACT NO. 60K77			
ILLINOIS FED. AID PROJECT			

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES											
				INT. MAIN RECONSTRUCTION, NO ADDED CAPACITY		INT. MAIN BRIDGE REPLACEMENT, NO ADDED CAPACITY		ITEP S.N. 016-0587		INT. MAIN UNDERPASS LIGHTING		ITEP STREET LIGHTING		ITEP LANDSCAPING	
				90% FEDERAL		90% FEDERAL		80% FEDERAL		90% FEDERAL		80% FEDERAL		80% FEDERAL	
				10% STATE		10% STATE		20% BURR RIDGE		10% STATE		20% BURR RIDGE		20% BURR RIDGE	
0004		0011		0011		0021		0021		0031					
URBAN		URBAN		URBAN		URBAN		URBAN		URBAN					
COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE				
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1,470	735	735										
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	2,732	1,366	1,366										
70600250	IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3	EACH	4	2	2										
70600350	IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3	EACH	12	6	6										
72000100	SIGN PANEL - TYPE 1	SO FT	70	35	35										
72000200	SIGN PANEL - TYPE 2	SO FT	104	52	52										
72000300	SIGN PANEL - TYPE 3	SO FT	616	308	308										
72300100	INSTALL EXISTING SIGN PANEL	SO FT	147	74	73										
72400100	REMOVE SIGN PANEL ASSEMBLY - TYPE A	EACH	140	70	70										
72400200	REMOVE SIGN PANEL ASSEMBLY - TYPE B	EACH	111	56	55										
72400310	REMOVE SIGN PANEL - TYPE 1	SO FT	48	24	24										
72400330	REMOVE SIGN PANEL - TYPE 3	SO FT	380	190	190										
72400710	RELOCATE SIGN PANEL - TYPE 1	SO FT	6		6										
72400730	RELOCATE SIGN PANEL - TYPE 3	SO FT	141	71	70										

* SPECIALTY ITEM


FILE NAME : S:\102-63281-6399\6345\028\Micro\TA00 Sheets\0168277-ah-500.dwg

 1170 SOUTH HOBOLT ROAD JOLIET, ILLINOIS 60431 815/744-4200	USER NAME : jolmkp MODEL NAME : Default PLOT SCALE : 2.0000" = 1'-0" PLOT DATE : 7/18/2013	DESIGNED - MAG DRAWN - DJW CHECKED - DWG DATE - 07-18-13	REVISED - REVISED - REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE. : 55 SECTION : 22-IHB-R CO. : CONTRACT NO. : 60K77	TOTAL SHEETS : 161 SHEET NO. : 11
	SCALE: SHEET OF SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES											
				INT. MAIN RECONSTRUCTION, NO ADDED CAPACITY		INT. MAIN BRIDGE REPLACEMENT, NO ADDED CAPACITY S.N. 016-0587		ITEP		INT. MAIN UNDERPASS LIGHTING		ITEP STREET LIGHTING		ITEP LANDSCAPING	
				90% FEDERAL 10% STATE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		80% FEDERAL 20% BURR RIDGE	
				0004		0011		0011		0021		0021		0031	
URBAN		URBAN		URBAN		URBAN		URBAN		URBAN		URBAN			
COOK		DUPAGE		COOK		DUPAGE		COOK		DUPAGE		COOK		DUPAGE	
72700100	STRUCTURAL STEEL SIGN SUPPORT - BREAKAWAY	POUND	2,828	1,414	1,414										
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	14		14										
73000100	WOOD SIGN SUPPORT	FOOT	390	195	195										
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	2	1	1										
73304000	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	FOOT	19	13	6										
73400100	CONCRETE FOUNDATIONS	CU YD	12.5	6.25	6.25										
* 73602000	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	EACH	2	1	1										
* 73700200	REMOVE CONCRETE FOUNDATION - GROUND MOUNT	EACH	6	3	3										
78005110	EPOXY PAVEMENT MARKING - LINE 4"	FOOT	16,431	8,216	8,215										
78005130	EPOXY PAVEMENT MARKING - LINE 6"	FOOT	2,658	1,329	1,329										
78005140	EPOXY PAVEMENT MARKING - LINE 8"	FOOT	2,066	1,033	1,033										
78009004	MODIFIED URETHANE PAVEMENT MARKING - LINE 4"	FOOT	12,689	6,344	6,345										
78009008	MODIFIED URETHANE PAVEMENT MARKING - LINE 8"	FOOT	4,161	2,081	2,080										
78009012	MODIFIED URETHANE PAVEMENT MARKING - LINE 12"	FOOT	286	143	143										

* SPECIALTY ITEM

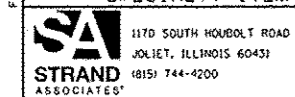
FILE NAME : S:\JULY 05 2008 - 5:39 PM\6345\B28\MicroCAD00 Sheets\0160K77-AH-500.dgn

 1170 SOUTH HOBBS ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME : jshrkp	DESIGNED - MAG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	CO.	TOTAL SHEETS	SHEET NO.
	MODEL NAME : Default	DRAWN - DJW	REVISED -						55	22-1HB-R	COOK/DUPAGE	161	12
	PLOT SCALE : 2.0000 "/>												
	PLOT DATE : 7/10/2013	DATE - 07-10-13	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	ILLINOIS FED. AID PROJECT	
											CONTRACT NO. 60K77		

FILE NAME = S:\JUL_6388-6399\6348-628\Micro\CA00_Sheets\06677-INT-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES											
				INT. MAIN RECONSTRUCTION, NO ADDED CAPACITY		INT. MAIN BRIDGE REPLACEMENT, NO ADDED CAPACITY		ITEP S. N. 016-0587		INT. MAIN UNDERPASS LIGHTING		ITEP STREET LIGHTING		ITEP LANDSCAPING	
				90% FEDERAL 10% STATE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		80% FEDERAL 20% BURR RIDGE	
				0004		0011		0011		0021		0021		0031	
				URBAN		URBAN		URBAN		URBAN		URBAN		URBAN	
COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE		
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	197	99	98										
78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	20	10	10										
78200100	MONODIRECTIONAL PRISMATIC BARRIER REFLECTOR	EACH	44	22	22										
78200410	GUARDRAIL MARKERS, TYPE A	EACH	34	17	17										
78200530	BARRIER WALL MARKERS, TYPE C	EACH	130	65	65										
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	6	3	3										
78300100	PAVEMENT MARKING REMOVAL	SO FT	4,583	2,291	2,292										
80400100	ELECTRIC SERVICE INSTALLATION	EACH	1							.5	.5				
81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	36							18	18				
81028220	UNDERGROUND CONDUIT, GALVANIZED STEEL, 3" DIA.	FOOT	184							92	92				
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	FOOT	322					161	161						
81028750	UNDERGROUND CONDUIT, COILABLE NONMETALLIC CONDUIT, 2" DIA.	FOOT	1,100	550	550										
81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	1,409					423	422	282	282				
81100605	CONDUIT ATTACHED TO STRUCTURE, 2" DIA., PVC COATED GALVANIZED STEEL	FOOT	250	125	125										

* SPECIALTY ITEM



1170 SOUTH HOBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-9200	USER NAME = jshrkp	DESIGNED - MAG	REVISED -
MODEL NAME = Default	DRAWN - DJW	CHECKED - DWG	REVISED -
PLOT SCALE = 2.0000 "/ in.	DATE - 07-18-13		
PLOT DATE = 7/18/2013			

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS

F.A.I. RTE. 55	SECTION 22-1HB-R	CO. COOK/DUPAGE	TOTAL SHEETS 161	SHEET NO. 13
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				

CONSTRUCTION TYPE CODES											
INT. MAIN		INT. MAIN		ITEP		INT. MAIN		ITEP		ITEP	
RECONSTRUCTION, NO ADDED CAPACITY		BRIDGE REPLACEMENT, NO ADDED CAPACITY		S. N. 016-0587		UNDERPASS LIGHTING		STREET LIGHTING		LANDSCAPING	
90% FEDERAL 10% STATE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		80% FEDERAL 20% BURR RIDGE	
0004		0011		0011		0021		0021		0031	
URBAN		URBAN		URBAN		URBAN		URBAN		URBAN	
COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE
81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	120						20	20		40	40
81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" X 6" X 4"	EACH	16						8	8			
81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	18						4	4		5	5
81300550	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 12" X 6"	EACH	2	1	1								
81300800	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" X 12" X 6"	EACH	2						1	1			
81400200	HEAVY-DUTY HANDHOLE	EACH	2	1	1								
81603010	UNIT DUCT, 600V, 2-1C NO. 10, 1/C NO. 10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	1,878									939	939
81603047	UNIT DUCT, 600V, 3-1C NO. 6, 1/C NO. 6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	800									400	400
81603080	UNIT DUCT, 600V, 3-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	1,772						886	886			
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	6,423						2,022	2,021		1,190	1,190
81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	308									154	154
82107200	UNDERPASS LUMINAIRE, 100 WATT, HIGH PRESSURE SODIUM VAPOR	EACH	16						8	8			
82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1									.5	.5
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	EACH	20						10	10			

* SPECIALTY ITEM

FILE NAME = S:\L\65280-ES\65280\65280\Micro\1060 Sheets\0160k77-sh-500.dgn

STRAND ASSOCIATES
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = johnhp	DESIGNED - MAG	REVISED -
MODEL NAME = Default	DRAWN - DJW	REVISED -
PLOT SCALE = 2.0000" / in.	CHECKED - DWG	REVISED -
PLOT DATE = 7/18/2013	DATE - 07-18-13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES


SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	CO.	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	14
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES											
				INT. MAIN RECONSTRUCTION, NO ADDED CAPACITY		INT. MAIN BRIDGE REPLACEMENT, NO ADDED CAPACITY		ITEP S.N. 016-0587		INT. MAIN UNDERPASS LIGHTING		ITEP STREET LIGHTING		ITEP LANDSCAPING	
				90% FEDERAL 10% STATE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		80% FEDERAL 20% BURR RIDGE	
				0004		0011		0011		0021		0021		0031	
URBAN		URBAN		URBAN		URBAN		URBAN		URBAN		URBAN			
COOK		DUPAGE		COOK		DUPAGE		COOK		DUPAGE		COOK		DUPAGE	
• 87000885	ELECTRIC CABLE ASSEMBLY IN CONDUIT, 600V (XLP-TYPE TC) 2/C NO. 6 AND NO. 8	FOOT	2,100	1,050	1,050										
• 87301727	ELECTRIC CABLE IN CONDUIT, COMMUNICATION NO. 19 6C	FOOT	2,100	1,050	1,050										
• 89502380	REMOVE EXISTING HANDHOLE	EACH	2	1	1										
* A2006524	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	8										4	4	
* A2006726	TREE, QUERCUS MACROCARPA (BUR OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	7										4	3	
* A2007122	TREE, QUERCUS RUBRA (RED OAK), 3" CALIPER, BALLED AND BURLAPPED	EACH	11										6	5	
* B2000768	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 7' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	23										12	11	
* B2001668	TREE, CRATAEGUS CRUSGALLI INERMIS (THORN LESS COCKSPUR HAWTHORN), 7' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	25										13	12	
* B2006168	TREE, SYRINGA PEKINENSIS MORTON (CHINA SNOW PEKING LILAC), 7' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	11										6	5	
* C2003424	SHRUB, HYDRANGEA ARBORESCENS ANNABELLE (ANNABELLE SMOOTH HYDRANGEA), 2' HEIGHT, BALLED AND BURLAPPED	EACH	144										72	72	
* C2012772	SHRUB, VIBURNUM PRUNIFOLIUM (BLACKHAW VIBURNUM), 6' HEIGHT, BALLED AND BURLAPPED	EACH	14										7	7	
* C2C03124	SHRUB, FORSYTHIA VIRIDISSIMA BRONXENSIS (BRONX GREENSTEM FORSYTHIA), 2' WIDTH, CONTAINER	EACH	124										62	62	
* C2C05824	SHRUB, RHUS AROMATICA GRO-LOW (GRO-LOW FRAGRANT SUMAC), 2' WIDTH, CONTAINER	EACH	56										28	28	
* D2015401	EVERGREEN, JUNIPERUS CHINENSIS KALLAYS COMPACTA, (KALLAY COMPACT JUNIPER), 24" WIDTH, BALLED AND BURLAPPED	EACH	222										111	111	

* SPECIALTY ITEM

FILE NAME : S:\JOB_E382-539\A6345\25\Micro\AC400_Sheets\A18677-11-500.dgn



1170 SOUTH HOUWOLT ROAD
JOLIET, ILLINOIS 60431
8151 744-4200

USER NAME : johnhp	DESIGNED - MAG	REVISED -
MODEL NAME : Default	DRAWN - DJW	REVISED -
PLOT SCALE : 2.8000 / 1 in.	CHECKED - DWG	REVISED -
PLOT DATE : 7/18/2013	DATE - 07-18-13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS

F.A.I. R.I.E. 55	SECTION 22-1HB-R	CO. COOK/DUPAGE	TOTAL SHEETS 161	SHEET NO. 15
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				

FILE NAME = S:\JUL16328-63916316\028\Micro\CA00 Sheets\0160K77-ht-500.dgn

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES											
				INT. MAIN RECONSTRUCTION, NO ADDED CAPACITY		INT. MAIN BRIDGE REPLACEMENT, NO ADDED CAPACITY		ITEP S.N. 016-0587		INT. MAIN UNDERPASS LIGHTING		ITEP STREET LIGHTING		ITEP LANDSCAPING	
				90% FEDERAL 10% STATE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		80% FEDERAL 20% BURR RIDGE	
				0004		0011		0011		0021		0021		0031	
				URBAN		URBAN		URBAN		URBAN		URBAN		URBAN	
COOK		DUPAGE		COOK		DUPAGE		COOK		DUPAGE		COOK		DUPAGE	
* K0012990	PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT	UNIT	10.24											5.12	5.12
* K0026850	PERENNIAL PLANT CARE	SQ YD	1,550											775	775
* K0029618	WEED CONTROL, BROADLEAF IN TURF	GALLON	5											2.5	2.5
* K0029634	WEED CONTROL, PRE-EMERGENT GRANULAR HERBICIDE	POUND	25											13	12
X0322247	MAINTENANCE OF EXISTING TRAFFIC SURVEILLANCE	L SUM	1	.5	.5										
* X2010510	CLEARING AND GRUBBING	L SUM	1											.5	.5
X2070304	POROUS GRANULAR EMBANKMENT, SPECIAL	CU YD	400			200	200								
X2110100	TOPSOIL FURNISH AND PLACE, SPECIAL	CU YD	704											352	352
* X2501800	SEEDING, CLASS 4 (MODIFIED)	ACRE	2.25	.13	.12									1	1
* X2511630	EROSION CONTROL BLANKET (SPECIAL)	SO YD	3,665	399	399									1,434	1,433
X5091755	PARAPET RAILING, SPECIAL	FOOT	650					325	325						
X6700410	ENGINEER'S FIELD OFFICE, TYPE A (SPECIAL)	CAL MO	22	11	11										
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	.5	.5										
X7010240	TRAFFIC CONTROL SURVEILLANCE (SPECIAL)	CAL DA	668	334	334										

* SPECIALTY ITEM



USER NAME = jahnkp	DESIGNED - MAG	REVISED -
MODEL NAME = Default	DRAWN - DJW	REVISED -
PLOT SCALE = 2.0000' / 1"	CHECKED - DWG	REVISED -
PLOT DATE = 7/18/2013	DATE - 07-18-13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

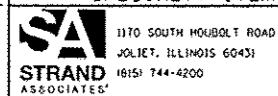
SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS

F.A.I. RTE. 55	SECTION 22-1HB-R	CO. COOK/DUPAGE	TOTAL SHEETS 161	SHEET NO. 16
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES											
				INT. MAIN		INT. MAIN		ITEP		INT. MAIN		ITEP		ITEP	
				RECONSTRUCTION, NO ADDED CAPACITY		BRIDGE REPLACEMENT, NO ADDED CAPACITY S.N. 016-0587				UNDERPASS LIGHTING		STREET LIGHTING		LANDSCAPING	
				90% FEDERAL	10% STATE	90% FEDERAL	10% STATE	80% FEDERAL	20% BURR RIDGE	90% FEDERAL	10% STATE	80% FEDERAL	20% BURR RIDGE	80% FEDERAL	20% BURR RIDGE
0004		0011		0011		0021		0021		0031					
URBAN		URBAN		URBAN		URBAN		URBAN		URBAN					
COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE				
X7011015	TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS)	L SUM	1	.5	.5										
X8040305	ELECTRICAL SERVICE CONNECTION	L SUM	1							.5	.5				
X8040310	ELECTRICAL SERVICE DISCONNECT	EACH	1	1											
X8130125	REMOVE EXISTING JUNCTION BOX	EACH	2						1	1					
X8210305	PROTECTION AND MAINTENANCE OF EXISTING UNDERPASS LIGHTING	L SUM	1						.5	.5					
X8430100	REMOVE EXISTING CONDUIT ATTACHED TO STRUCTURE	FOOT	681						341	340					
X8910050	ILLUMINATED SIGN SPL	EACH	2								1	1			
XX007023	STAINING CONCRETE STRUCTURES	SQ YD	265					133	132						
XX007297	MASONRY COLUMN, LARGE	EACH	4										2	2	
XX007788	ORNAMENTAL METAL PANEL	EACH	10					1	1				4	4	
XX008424	LIGHT FIXTURE ASSEMBLY- TYPE A	EACH	6										3	3	
XX008425	LIGHT FIXTURE ASSEMBLY- TYPE B	EACH	4										2	2	
XX008426	LIGHT FIXTURE ASSEMBLY- TYPE C	EACH	34										17	17	
Z0004552	APPROACH SLAB REMOVAL	SQ YD	390	195	195										

* SPECIALTY ITEM

FILE NAME = SAJUL 6388 - 8399163461828\microsa\600 Sheets\0168K77-INT-SQB.dgn



1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 815/744-4200	USER NAME = johntp MODEL NAME = Default PLOT SCALE = 2,0000 1/1 in PLOT DATE = 7/18/2013	DESIGNED - MAG DRAWN - DJW CHECKED - DWG DATE - 07-18-13	REVISED - REVISED - REVISED - REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
			STA. TO STA.

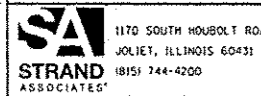
F.A.I. RTE. 55	SECTION 22-1HB-R	CO. COOK/DUPAGE	TOTAL SHEETS 161	SHEET NO. 17
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				

CONSTRUCTION TYPE CODES

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION TYPE CODES											
				INT. MAIN RECONSTRUCTION, NO ADDED CAPACITY		INT. MAIN BRIDGE REPLACEMENT, NO ADDED CAPACITY S.N. 016-0587		ITEP UNDERPASS LIGHTING		INT. MAIN STREET LIGHTING		ITEP LANDSCAPING			
				90% FEDERAL 10% STATE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		90% FEDERAL 10% STATE		80% FEDERAL 20% BURR RIDGE		80% FEDERAL 20% BURR RIDGE	
				0004 URBAN		0011 URBAN		0011 URBAN		0021 URBAN		0021 URBAN		0031 URBAN	
		COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE	COOK	DUPAGE		
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH EQUAL TO OR LESS THAN 5 INCHES)	SO FT	1,010			505	505								
Z0012755	STRUCTURAL REPAIR OF CONCRETE (DEPTH GREATER THAN 5 INCHES)	SO FT	60			30	30								
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	.5	.5										
Z0018002	DRAINAGE SCUPPERS, DS-11	EACH	8			4	4								
Z0018800	DRAINAGE SYSTEM	L SUM	1			.5	.5								
Z0026407	TEMPORARY SHEET PILING	SQ FT	417			208	209								
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	52	26	26										
Z0046304	PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	352			176	176								
Z0062456	TEMPORARY PAVEMENT	SO YD	2,018	1,009	1,009										
Z0065700	SLOPE WALL REPAIR	SO YD	10			5	5								
Z0067100	STEEL CASINGS 8"	FOOT	235									118	117		
Z0069200	STONE RETAINING WALL	SO FT	8,064									4,032	4,032		
X0327570	CONTINUOUS OPERATION OF TRAFFIC SURVEILLANCE INSTALLATIONS	L SUM	1	.5	.5										
Z0076600	TRAINEEES	HOUR	1500	750	750										
X0325970	SOIL CONDITIONER, 3"	SQ YD	1,379									689.5	689.5		
Z0076604	TRAINEEES - TRAINING PROGRAM GRADUATE	HOUR	1500	750	750										

10
 • SPECIALTY ITEM 0042

FILE NAME : S:\J02\6382\6391\6346\628\Micro\T400 Sheets\016R77-ah-500.dgn



USER NAME : jshhkp	DESIGNED - MAG	REVISED -
MODEL NAME : Default	DRAWN - DJW	REVISED -
PLOT SCALE : 2.0000 "/>		
PLOT DATE : 7/18/2013	CHECKED - DWG	REVISED -
	DATE - 07-18-13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	CO.	TOTAL SHEETS	SHEET NO.
55	22-1HB-R		161	18
CONTRACT NO. 60K77			ILLINOIS FED. AID PROJECT	

SUMMARY								
LOCATION	EARTH EXCAVATION 20200100	EARTH EXCAVATION ADJUSTED FOR SHRINKAGE (15%)	EMBANKMENT	FURNISHED EXCAVATION	TOPSOIL EXCAVATION	TOPSOIL PLACEMENT (4")	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	
				EARTHWORK BALANCE WASTE (+) OR SHORTAGE (-)			TOPSOIL BALANCE WASTE (+) OR SHORTAGE (-)	
	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	CU YD	
PRESTAGE								
COUNTY LINE ROAD (CLR)	155	132	0	132	0	0	0	
TEMPORARY RAMP B	0	0	314	-314	98	98	0	
TEMPORARY RAMP E	0	0	310	-310	195	195	0	
SUBTOTAL	155	132	624	-491	293	293	0	
STAGE I								
CLR SB ROADWAY & RAMPS	379	322	25	297	40	40	0	
•CLR SW EMBANKMENT	18	15	552	-537	129	770	-641	
•CLR NW EMBANKMENT	60	51	123	-72	133	673	-540	
SUBTOTAL	457	388	700	-312	303	1,484	-1,182	
STAGE II								
CLR NB ROADWAY & RAMPS	394	335	129	206	66	66	0	
•CLR NE EMBANKMENT	1	1	1,107	-1,106	109	632	-523	
•CLR SE EMBANKMENT	24	20	968	-948	46	626	-580	
SUBTOTAL	419	356	2,204	-1,849	221	1,324	-1,102	
STAGE III								
COUNTY LINE ROAD	455	387	0	387	0	0	0	
TEMPORARY RAMP B	314	267	0	267	98	98	0	
TEMPORARY RAMP E	310	263	0	263	195	195	0	
SUBTOTAL	1,079	917	0	917	293	293	0	
TOTAL QUANTITIES	2,109	1,793	3,528	-2,652	1,110	3,393	-2,284	

*NOTE: REQUIRED FOR BURR RIDGE'S LANDSCAPING IMPROVEMENTS.

FILE NAME = SA\JOL\63800-6399\6346\028\Microa\CADD Sheets\0160677-sht-schedule.dgn



USER NAME = dennissw
MODEL NAME = Default
PLOT SCALE = 100.0000' / in.
PLOT DATE = 1/30/2013

DESIGNED - MAG
DRAWN - DJW
CHECKED - DWG
DATE - 01-24-13

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCALE: SHEET OF SHEETS STA. TO STA.

SCHEDULES

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-IHB-R	COOK/DUPAGE	161	19
CONTRACT NO. 60K77			ILLINOIS FED. AID PROJECT	

EXISTING SIGN SCHEDULE														
LOCATION	DESCRIPTION	EXISTING LOCATION			EXISTING SIZE				REMOVE					
		STA.	OFFSET L/R	SUPPORT TYPE	WIDTH (FT)	HEIGHT (FT)	EXIT PANEL WIDTH (FT)	EXIT PANEL HEIGHT (FT)	REMOVE SIGN PANEL TYPE 1 (SQ FT)	REMOVE SIGN PANEL TYPE 3 (SQ FT)	REMOVE SIGN PANEL ASSEMBLY - TYPE A (SQ FT)	REMOVE SIGN PANEL ASSEMBLY - TYPE B (SQ FT)	REMOVE CONCRETE FOUNDATION - GROUND MOUNT (EACH)	REMOVE OVERHEAD SIGN STRUCTURE - BRIDGE MOUNT (EACH)
NB I-55	COOK COUNTY	999+50.00	88.0 RT	GROUND MOUNT	2	3					6			
NB I-56	COUNTY LINE ROAD EXIT	999+99.9	110.00 RT	I-BEAM	20.0	9.5	12	2	24	190			3	
SB I-55	COUNTY LINE ROAD EXIT	1002+71.5	95.00 LT	I-BEAM	20.0	9.5	12	2	24	190			3	
NB I-55	TRUCKS USE 2 RIGHT LANES	63+32.25	48.71 RT	BRIDGE MOUNT	10.00	4.00								1
SB I-55	TRUCKS USE 2 RIGHT LANES	64+97.00	48.57 RT	BRIDGE MOUNT	10.00	4.00								1
SB I-55	PACE BUS	SEE MOT PLANS		GROUND MOUNT	8.50	13.00						110.5		
RAMP H	DO NOT ENTER	54+15.60	79.13 LT	GROUND MOUNT	3.00	3.00					9			
RAMP H	DO NOT ENTER	54+25.80	39.31 LT	GROUND MOUNT	3.00	3.00					9			
RAMP H	WRONG WAY	54+94.21	111.04 LT	GROUND MOUNT	3.50	2.50					8.75			
RAMP E	DO NOT ENTER	401+45.67	22.29 LT	GROUND MOUNT	3.00	3.00					9			
RAMP E	DO NOT ENTER	401+46.96	13.93 RT	GROUND MOUNT	3.00	3.00					9			
RAMP E	WRONG WAY	400+46.77	14.34 RT	GROUND MOUNT	3.50	2.50					8.75			
RAMP E	WRONG WAY	400+44.38	25.58 LT	GROUND MOUNT	3.50	2.50					8.75			
RAMP B	DO NOT ENTER	201+52.04	27.73 RT	GROUND MOUNT	3.00	3.00					9			
RAMP B	DO NOT ENTER	201+54.54	10.96 LT	GROUND MOUNT	3.00	3.00					9			
RAMP B	WRONG WAY	203+33.00	14.55 LT	GROUND MOUNT	3.50	2.50					8.75			
RAMP B	WRONG WAY	203+33.00	28.11 RT	GROUND MOUNT	3.50	2.50					8.75			
RAMP D	DO NOT ENTER	75+97.61	48.74 RT	GROUND MOUNT	3.00	3.00					9			
RAMP D	DO NOT ENTER	76+06.16	84.96 RT	GROUND MOUNT	3.00	3.00					9			
RAMP D	WRONG WAY	74+27.01	106.85 RT	GROUND MOUNT	3.50	2.50					8.75			
RAMP D	WRONG WAY	74+39.38	137.36 RT	GROUND MOUNT	3.50	2.50					8.75			
TOTAL									48.00	380.00	139.25	110.50	6	2

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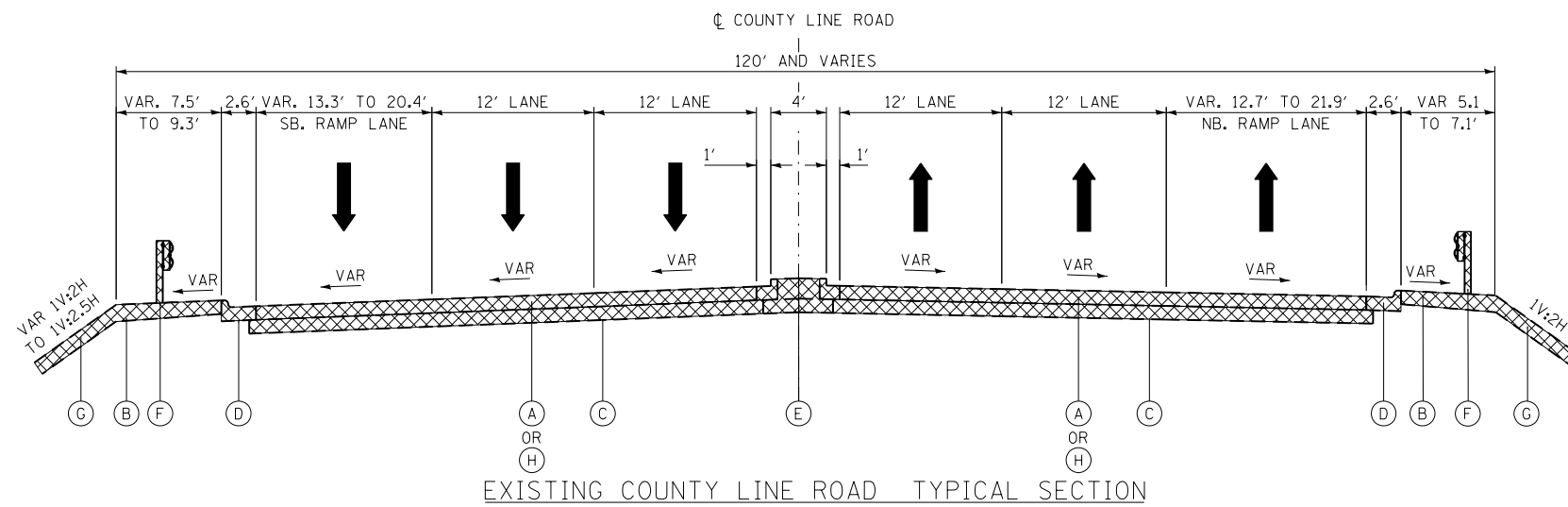


USER NAME = dennisw	DESIGNED - MAG	REVISED -
MODEL NAME = Default	DRAWN - DJW	REVISED -
PLOT SCALE = 100.0000' / 1in.	CHECKED - DWG	REVISED -
PLOT DATE = 1/30/2013	DATE - 01-24-13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	20
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				

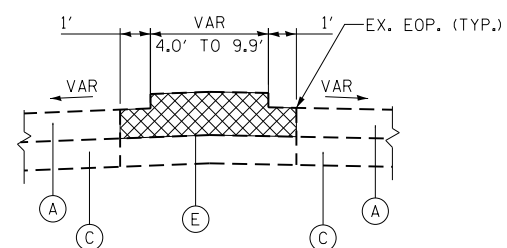


EXISTING COUNTY LINE ROAD TYPICAL SECTION

NB: STA. 62+00.00 TO STA. 62+79.87
 STA. 65+76.50 TO STA. 66+55.00
 SB: STA. 61+80.00 TO STA. 62+49.07
 STA. 65+76.50 TO STA. 66+04.00

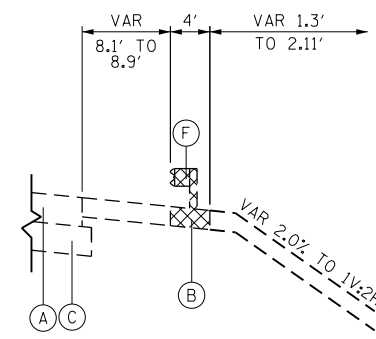
EXISTING LEGEND

- (A) EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- (B) EXISTING HMA SHOULDERS
- (C) EXISTING AGGREGATE SUBGRADE
- (D) EXISTING COMB. CONCRETE CURB AND GUTTER
- (E) EXISTING CONCRETE MEDIAN SURFACE
- (F) EXISTING STEEL PLATE BEAM GUARDRAIL
- (G) EXISTING TOP SOIL
- (H) EXISTING BRIDGE APPROACH SLAB
- (I) EXISTING AGGREGATE SHOULDERS
- [Hatched Box] REMOVAL ITEMS



EXISTING MEDIAN TYPICAL SECTION

STA. 52+27.00 TO STA. 62+49.07
 STA. 65+76.50 TO STA. 75+04.00

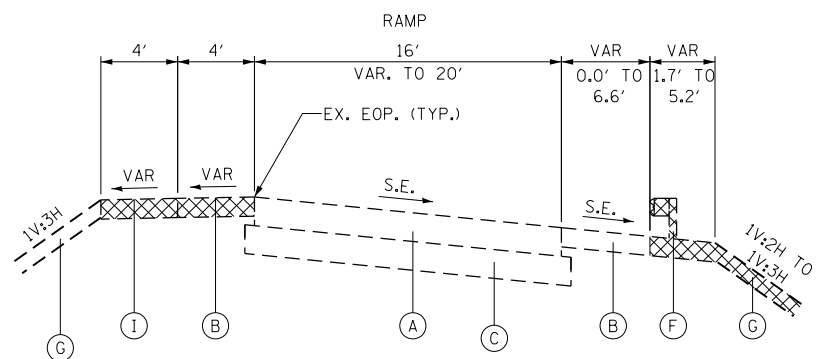


EXISTING COUNTY LINE ROAD TYPICAL SECTION

STA. 58+82.98 TO STA. 61+10.23

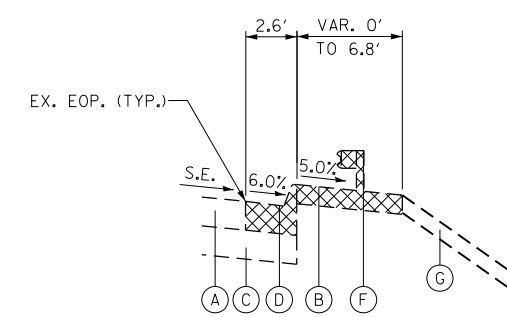
**IDOT DISTRICT ONE
 HOT-MIX ASPHALT MIXTURE REQUIREMENTS**

MIXTURE TYPE	AIR VOIDS @ NDES
STABILIZED SUBBASE	
STABILIZED SUBBASE-HOT-MIX ASPHALT, BAM, 4 1/2"	2% @ 30 GYR
TEMPORARY PAVEMENT, 10 1/4"	
HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N50 (IL 9.5MM); 2"	4% @ 50 GYR
HOT-MIX ASPHALT BINDER COURSE, IL-19MM, N50, 8 1/4"	4% @ 50 GYR
TEMPORARY PAVED SHOULDER, 8"	
HOT-MIX ASPHALT SHOULDER (HMA BINDER IL-19mm)	4% @ 50 GYR



EXISTING RAMP TYPICAL SECTION

RAMP B: STA. 201+97.87 TO STA. 203+09.90
 RAMP E: STA. 400+04.63 TO STA. 401+13.46
 RAMP B: STA. 201+20.20 TO STA. 201+94.92
 RAMP C: STA. 301+35.04 TO STA. 304+27.57
 RAMP E: STA. 400+86.39 TO STA. 401+99.07
 RAMP F: STA. 100+82.08 TO STA. 103+78.89



EXISTING COUNTY LINE ROAD TYPICAL SECTION

STA. 61+18.87 TO STA. 61+80.00 LT
 STA. 61+64.36 TO STA. 62+00.00 RT
 STA. 66+04.00 TO STA. 66+65.06 LT
 STA. 66+55.00 TO STA. 67+11.71 RT

NOTES:

1. THE UNIT WEIGHT USED TO CALCULATE HOT-MIX ASPHALT MIXTURES IS 112 LBS/50 YD/IN.
2. THE "AC TYPE" FOR POLYMERIZED HMA MIXES 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. FOR USE OF RECYCLED MATERIALS SEE SPECIAL PROVISIONS.
3. IF THE CONTRACTOR CHOOSES TO USE PCC TEMPORARY PAVEMENT, THE THICKNESS WILL BE PORTLAND CEMENT CONCRETE PAVEMENT 8" (JOINTED).
4. PCC TEMPORARY PAVEMENT SHALL CONSIST OF CLASS PV CONCRETE MEETING THE REQUIREMENTS OF ART. 1020 OF THE STANDARD SPECIFICATIONS.
5. PCC TEMPORARY PAVEMENT DOES NOT REQUIRE DOWEL BARS.

FILE NAME = SA\JUL\63800-6399\6346\028\Microa\CA00 Sheets\0160677-sh-typical.dgn



1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = dennisw
 MODEL NAME = Default
 PLOT SCALE = 10.0000 "/in.
 PLOT DATE = 2/6/2013

DESIGNED - MAG
 DRAWN - DJW
 CHECKED - DWG
 DATE - 01-24-13

REVISED -
 REVISED -
 REVISED -
 REVISED -

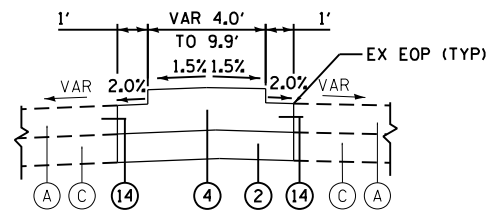
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

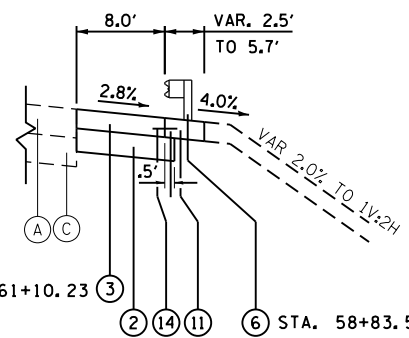
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	21

CONTRACT NO. 60K77
 ILLINOIS FED. AID PROJECT



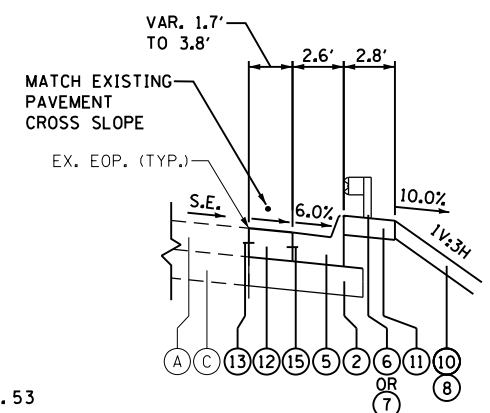
PROPOSED MEDIAN TYPICAL SECTION

STA. 52+27.00 TO STA. 62+33.98
 STA. 65+92.03 TO STA. 75+04.00



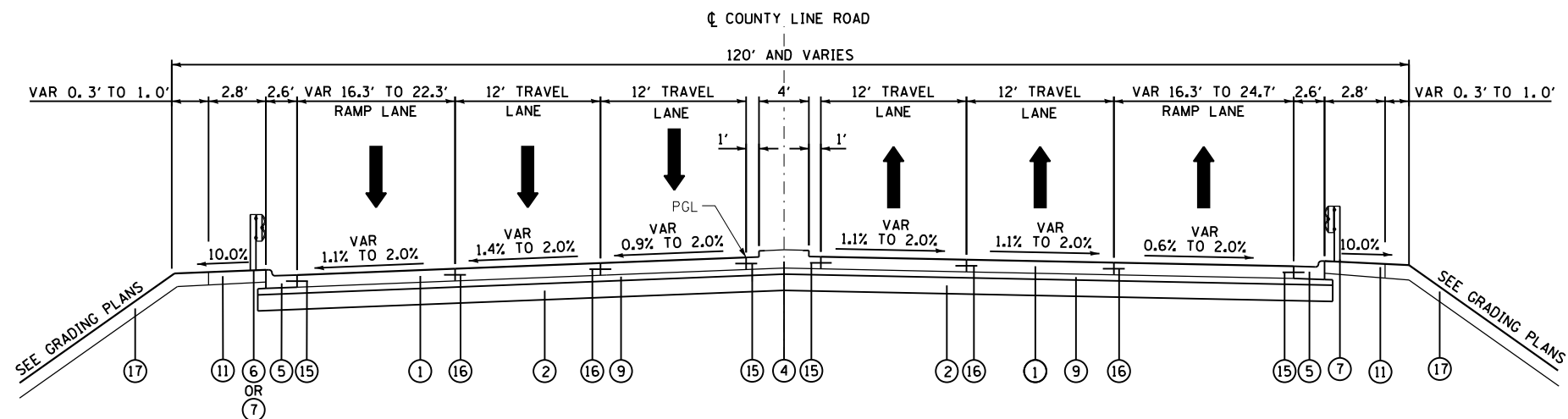
PROPOSED COUNTY LINE ROAD TYPICAL SECTION

STA. 58+38.73 TO STA. 61+10.23



PROPOSED COUNTY LINE ROAD TYPICAL SECTION

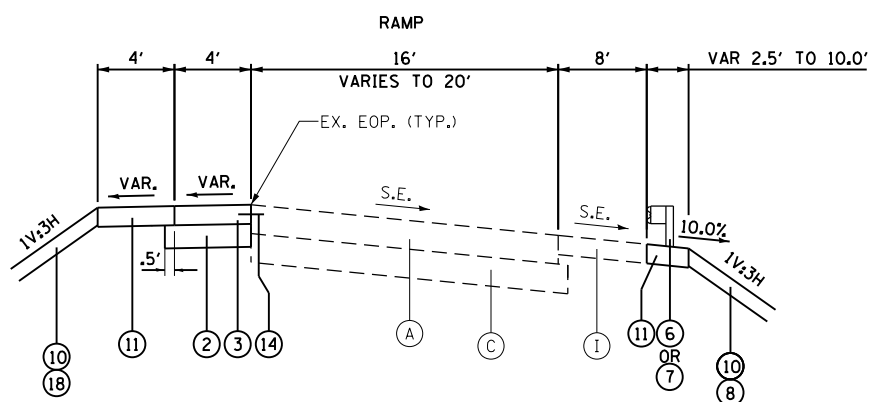
STA. 61+12.98 TO STA. 61+80.00 LT
 STA. 61+52.75 TO STA. 62+00.00 RT
 STA. 66+04.00 TO STA. 66+75.99 LT
 STA. 66+55.00 TO STA. 67+19.34 RT



PROPOSED COUNTY LINE ROAD TYPICAL SECTION

NB: STA. 62+00.00 TO STA. 62+35.60 RT
 STA. 65+93.62 TO STA. 66+55.00 RT

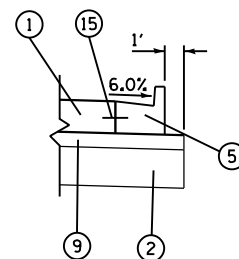
SB: STA. 61+80.00 TO STA. 62+32.41 LT
 STA. 65+90.43 TO STA. 66+04.00 LT



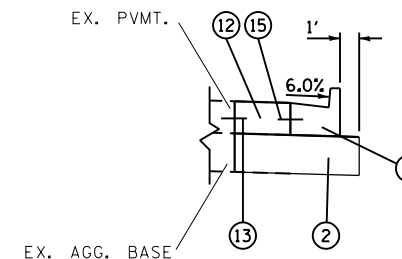
PROPOSED RAMP TYPICAL SECTION

RAMP B: STA. 201+97.87 TO STA. 203+09.90
 RAMP E: STA. 400+04.63 TO STA. 401+13.46

RAMP B: STA. 200+56.41 TO STA. 201+94.92
 RAMP C: STA. 301+42.69 TO STA. 304+27.57
 RAMP E: STA. 400+86.39 TO STA. 401+88.58
 RAMP F: STA. 100+82.08 TO STA. 103+73.06



TYPICAL COMBINED CONCRETE C&G AT BRIDGE APPROACH PAVEMENT CONNECTOR



TYPICAL COMBINED CONCRETE C&G AT WIDENING

PROPOSED LEGEND

- ① BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)
- ② AGGREGATE SUBGRADE IMPROVEMENT, 12"
- ③ PORTLAND CEMENT CONCRETE SHOULDER, 10"
- ④ CONCRETE MEDIAN, TYPE SB-6.12
- ⑤ COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6.24
- ⑥ STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS
- ⑦ STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS
- ⑧ SEEDING, CLASS 4 (MODIFIED)
- ⑨ STABILIZED SUBBASE HOT-MIX ASPHALT, 4 1/2"
- ⑩ 4" TOPSOIL
- ⑪ AGGREGATE SHOULDERS, TYPE B, 10"
- ⑫ PCC PAVEMENT 10" (JOINTED)
- ⑬ DRILL AND GROUT NO. 8 TIE BARS AT 24" CTS
- ⑭ DRILL AND GROUT NO. 6 TIE BARS AT 24" CTS
- ⑮ LONGITUDINAL CONSTRUCTION JOINT NO. 6X24" TIE BARS AT 24" CTS
- ⑯ LONGITUDINAL CONSTRUCTION SAWED JOINT NO. 8X36" TIE BARS AT 24" CTS
- ⑰ TOPSOIL FURNISH AND PLACE, SPECIAL
- ⑱ SEEDING, CLASS 2A
- ☐ DENOTES WORK INCLUDED IN THE COST OF OTHER ITEMS

EXISTING LEGEND

- A EXISTING PORTLAND CEMENT CONCRETE PAVEMENT
- B EXISTING HMA SHOULDERS
- C EXISTING AGGREGATE SUBGRADE
- D EXISTING COMB. CONCRETE CURB AND GUTTER
- E EXISTING CONCRETE MEDIAN SURFACE
- F EXISTING STEEL PLATE BEAM GUARDRAIL
- G EXISTING TOP SOIL
- H EXISTING BRIDGE APPROACH SLAB
- I EXISTING AGGREGATE SHOULDERS
- ☒ REMOVAL ITEMS

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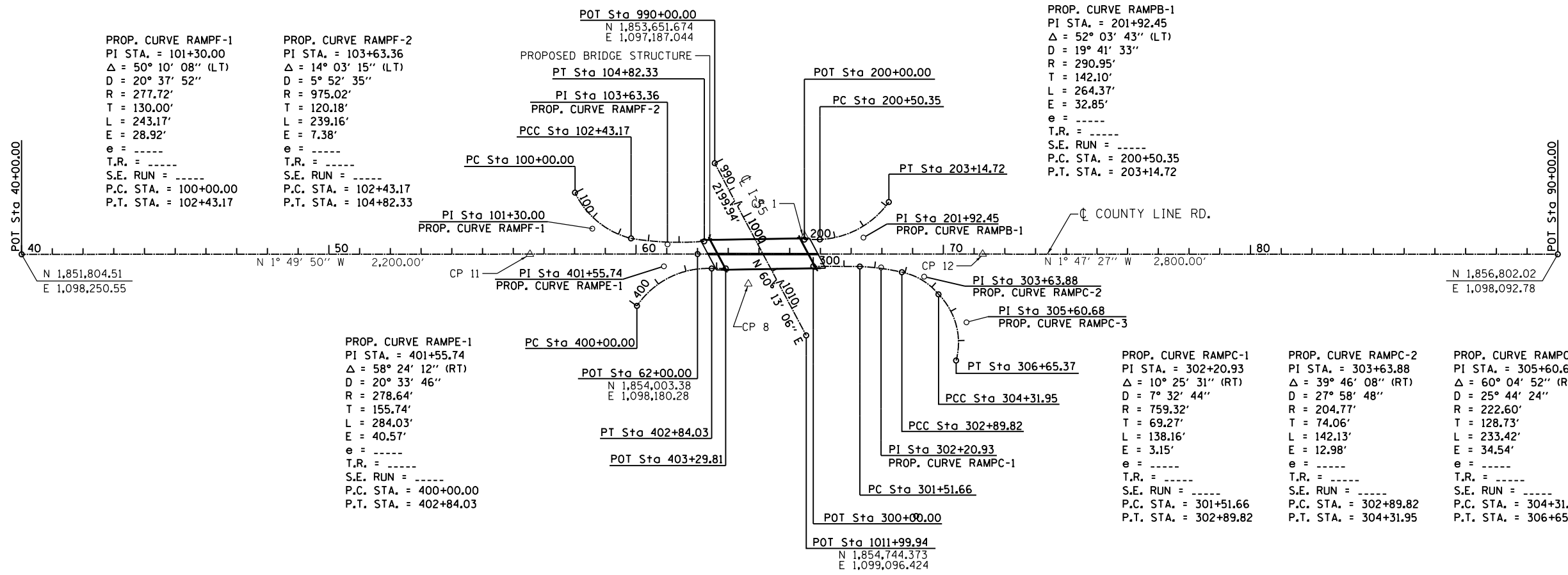
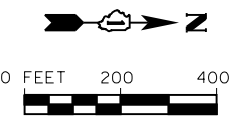
1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = dennisw MODEL NAME = Default PLOT SCALE = 10.0000' / in. PLOT DATE = 3/19/2013	DESIGNED - MAG DRAWN - DJW CHECKED - DWG DATE - 01-24-13	REVISED - 03-18-13 REVISED - REVISED - REVISED -
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	22
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				



PROP. CURVE RAMPF-1
 PI STA. = 101+30.00
 $\Delta = 50^\circ 10' 08''$ (LT)
 D = 20° 37' 52"
 R = 277.72'
 T = 130.00'
 L = 243.17'
 E = 28.92'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 100+00.00
 P.T. STA. = 102+43.17

PROP. CURVE RAMPF-2
 PI STA. = 103+63.36
 $\Delta = 14^\circ 03' 15''$ (LT)
 D = 5° 52' 35"
 R = 975.02'
 T = 120.18'
 L = 239.16'
 E = 7.38'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 102+43.17
 P.T. STA. = 104+82.33

POT Sta 990+00.00
 N 1,853,651.674
 E 1,097,187.044

PROP. CURVE RAMPB-1
 PI STA. = 201+92.45
 $\Delta = 52^\circ 03' 43''$ (LT)
 D = 19° 41' 33"
 R = 290.95'
 T = 142.10'
 L = 264.37'
 E = 32.85'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 200+50.35
 P.T. STA. = 203+14.72

PROP. CURVE RAMP-1
 PI STA. = 401+55.74
 $\Delta = 58^\circ 24' 12''$ (RT)
 D = 20° 33' 46"
 R = 278.64'
 T = 155.74'
 L = 284.03'
 E = 40.57'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 400+00.00
 P.T. STA. = 402+84.03

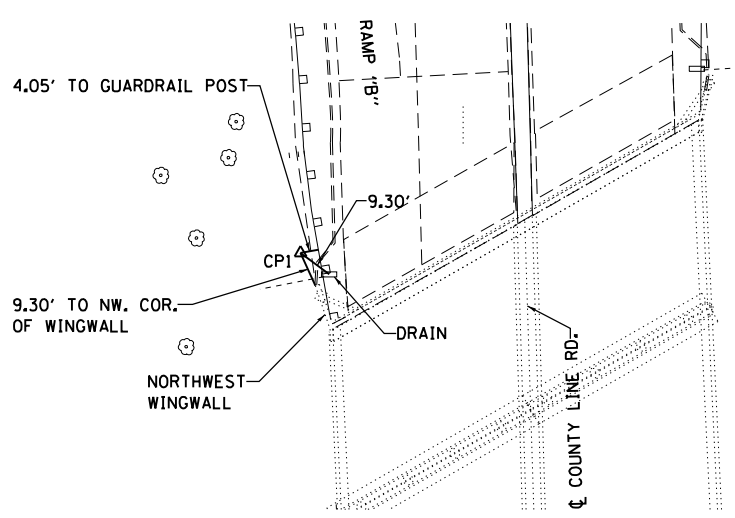
PROP. CURVE RAMP-1
 PI STA. = 302+20.93
 $\Delta = 10^\circ 25' 31''$ (RT)
 D = 7° 32' 44"
 R = 759.32'
 T = 69.27'
 L = 138.16'
 E = 3.15'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 301+51.66
 P.T. STA. = 302+89.82

PROP. CURVE RAMP-2
 PI STA. = 303+63.88
 $\Delta = 39^\circ 46' 08''$ (RT)
 D = 25° 44' 24"
 R = 204.77'
 T = 74.06'
 L = 142.13'
 E = 12.98'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 302+89.82
 P.T. STA. = 304+31.95

PROP. CURVE RAMP-3
 PI STA. = 305+60.68
 $\Delta = 60^\circ 04' 52''$ (RT)
 D = 27° 58' 48"
 R = 222.60'
 T = 128.73'
 L = 233.42'
 E = 34.54'
 e = ----
 T.R. = ----
 S.E. RUN = ----
 P.C. STA. = 304+31.95
 P.T. STA. = 306+65.37

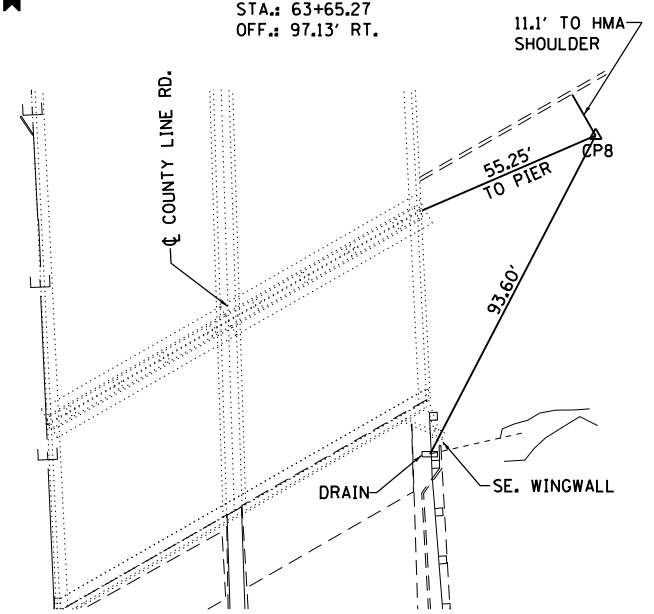
CP 1 - PROJECT BENCHMARK

1/2" REBAR
 NORTHING: 1854350.090
 EASTING: 1098110.758
 ELEV.: 714.533
 STA.: 65+48.71
 OFF.: 58.65' LT.



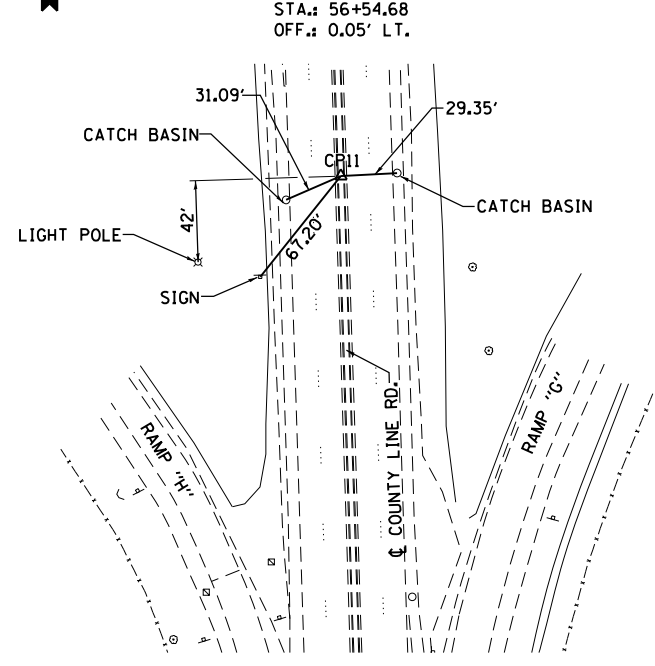
CP 8

1/2" REBAR
 NORTHING: 1854171.611
 EASTING: 1098272.201
 ELEV.: 691.475
 STA.: 63+65.27
 OFF.: 97.13' RT.



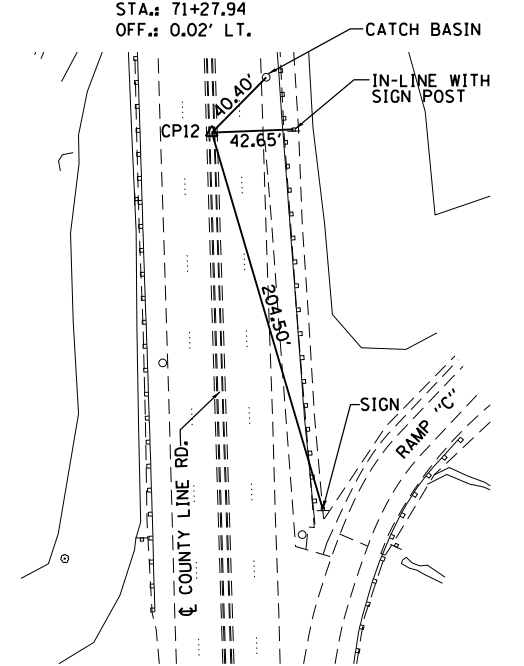
CP 11

CUT CROSS
 NORTHING: 1853458.347
 EASTING: 1098197.751
 ELEV.: 704.541
 STA.: 56+54.68
 OFF.: 0.05' LT.



CP 12

CUT CROSS
 NORTHING: 1854930.871
 EASTING: 1098151.258
 ELEV.: 705.526
 STA.: 71+27.94
 OFF.: 0.02' LT.



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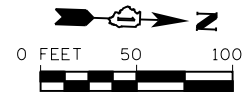
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MODEL NAME = Default	DRAWN - DJW	REVISED -
PLOT SCALE = 400.0000' / in.	CHECKED - DWG	REVISED -
PLOT DATE = 1/30/2013	DATE - 01-24-13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ALIGNMENT & TIES

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

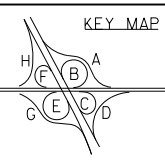
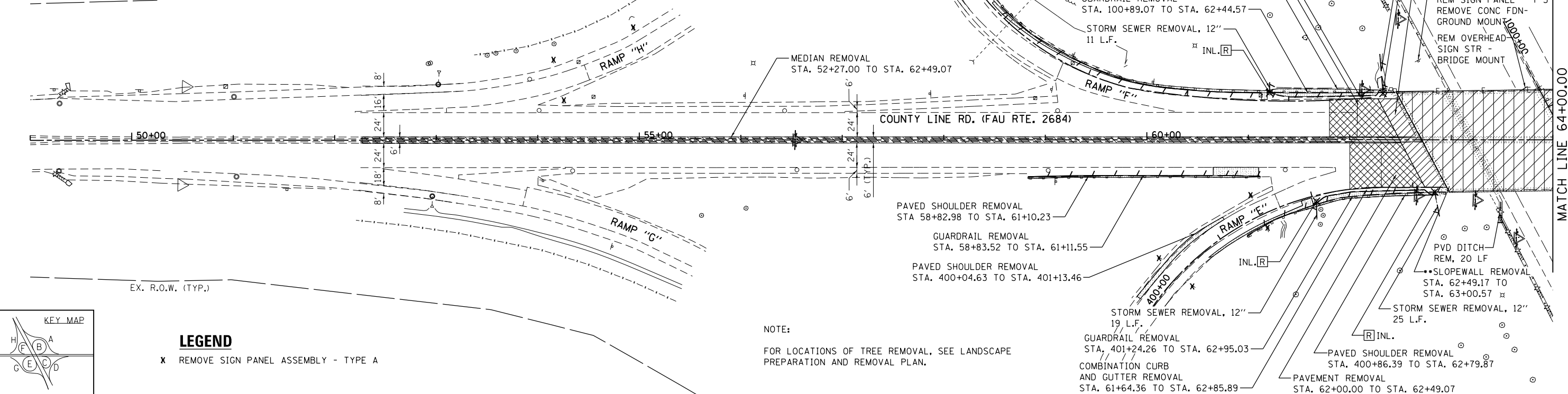
F.A.I. RTE. = 55	SECTION = 22-1HB-R	COUNTY = COOK/DUPAGE	TOTAL SHEETS = 161	SHEET NO. = 23
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				



NOTE

1. SEE MOT AND SIGNING PLANS FOR REQUIREMENTS TO BE MET PRIOR TO REMOVAL OF COUNTY LINE ROAD EXIT SIGNS AND SIGNS MOUNTED ON THE EXISTING STRUCTURE.

EX. R.O.W. (TYP.)

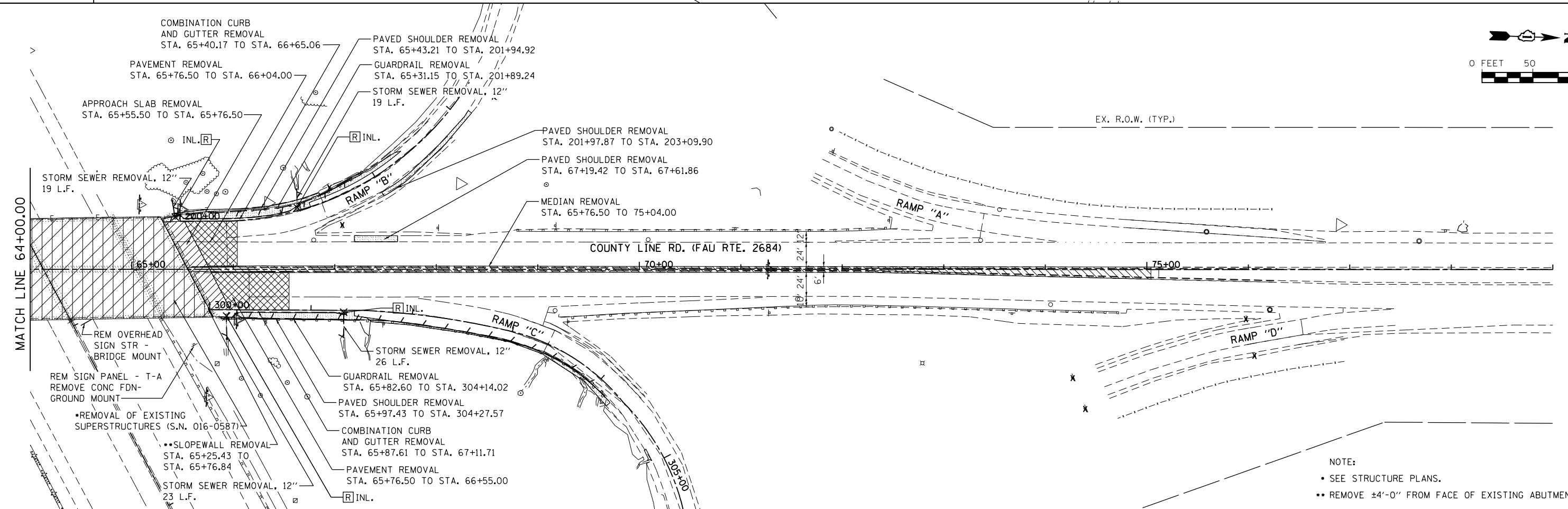


LEGEND

X REMOVE SIGN PANEL ASSEMBLY - TYPE A

NOTE:

FOR LOCATIONS OF TREE REMOVAL, SEE LANDSCAPE PREPARATION AND REMOVAL PLAN.



NOTE:

- SEE STRUCTURE PLANS.
- REMOVE ±4'-0" FROM FACE OF EXISTING ABUTMENT

FILE NAME = SA\JUL16300-6399\6346\028\Micro\CAADD_Sheets\PI60K77-phr-rem1.dgn



USER NAME = dennisw	DESIGNED - MAG	REVISED -
MODEL NAME = Default	DRAWN - DJW	REVISED -
PLOT SCALE = 100.0000' / 1"	CHECKED - DWG	REVISED -
PLOT DATE = 1/30/2013	DATE - 01-24-13	REVISED -

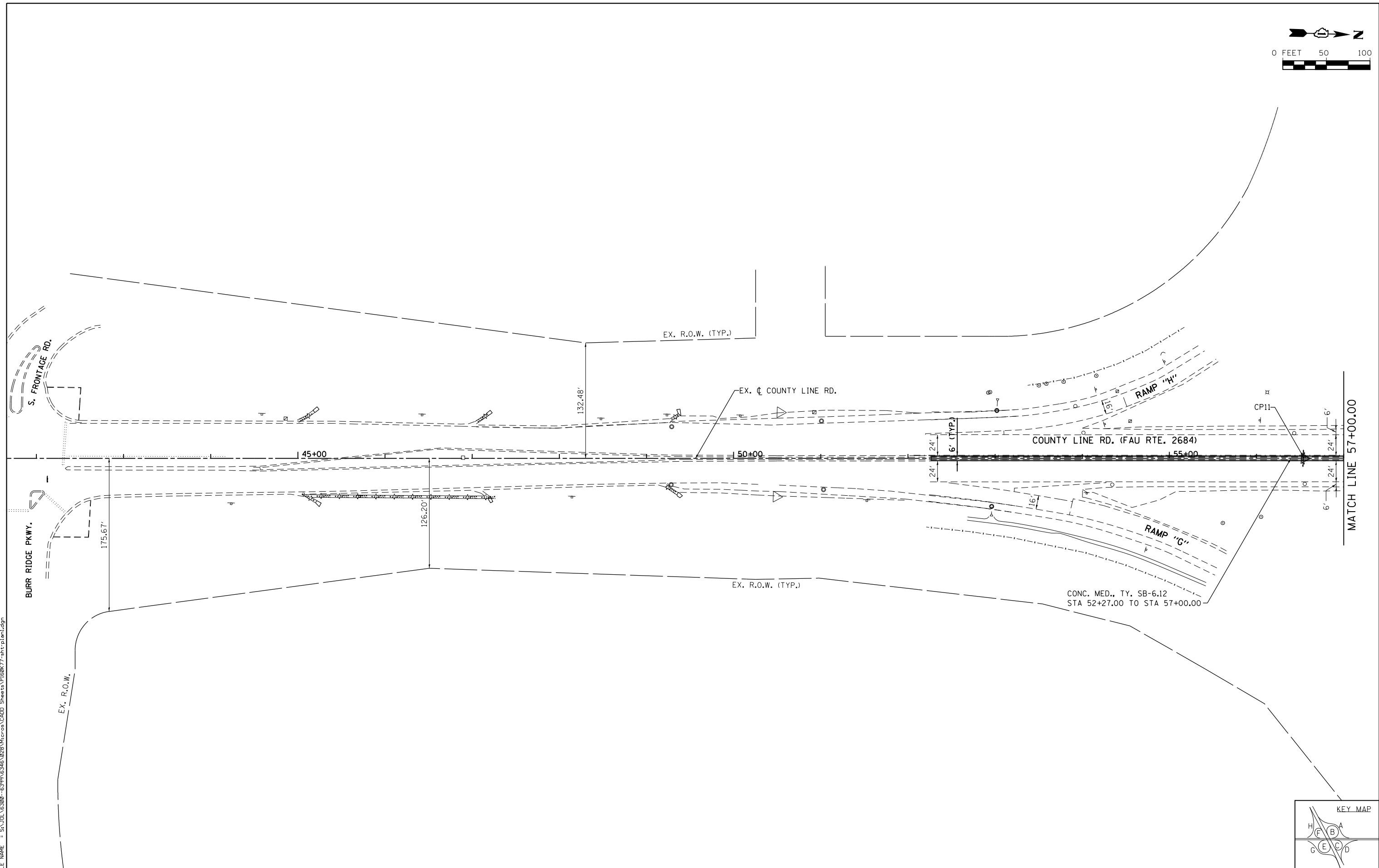
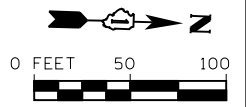
DESIGNED - MAG	REVISED -
DRAWN - DJW	REVISED -
CHECKED - DWG	REVISED -
DATE - 01-24-13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

REMOVAL PLANS

SCALE: SHEET 1 OF 1 SHEETS STA. 49+00.00 TO STA. 79+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	24
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				



FILE NAME = SA\JOL\63800-6399\6346\028\Micro\GADD Sheets\PI60K77-sh1-plan.dgn

SA
ASSOCIATES
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

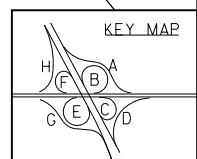
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

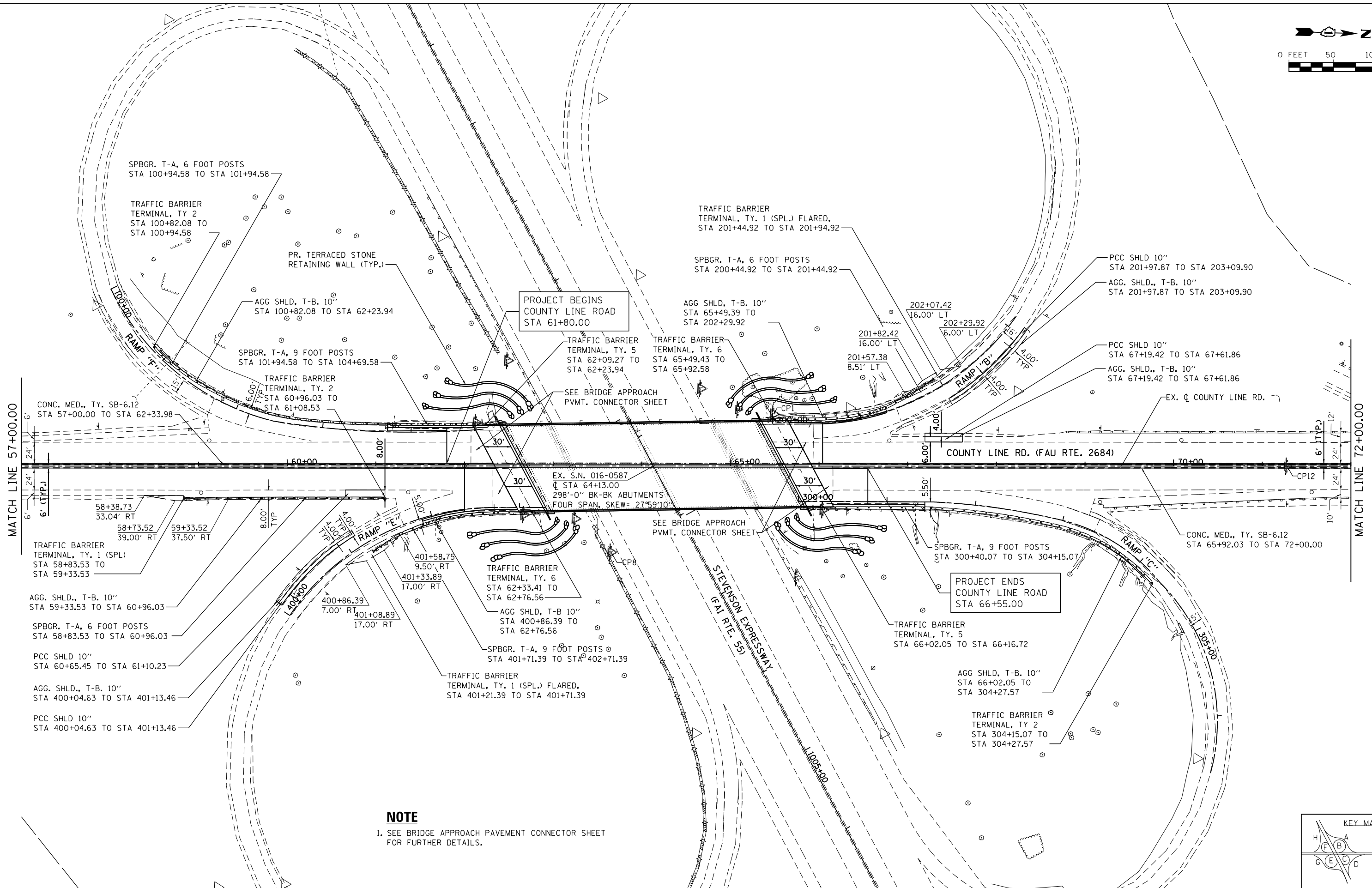
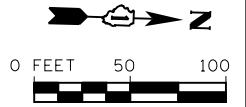
PLAN

SCALE: 1" = 50' SHEET 1 OF 3 SHEETS STA. 42+00.00 TO STA. 57+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	25
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				



MATCH LINE 57+00.00



NOTE
 1. SEE BRIDGE APPROACH PAVEMENT CONNECTOR SHEET FOR FURTHER DETAILS.

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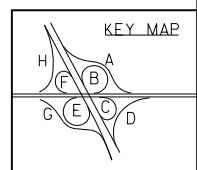


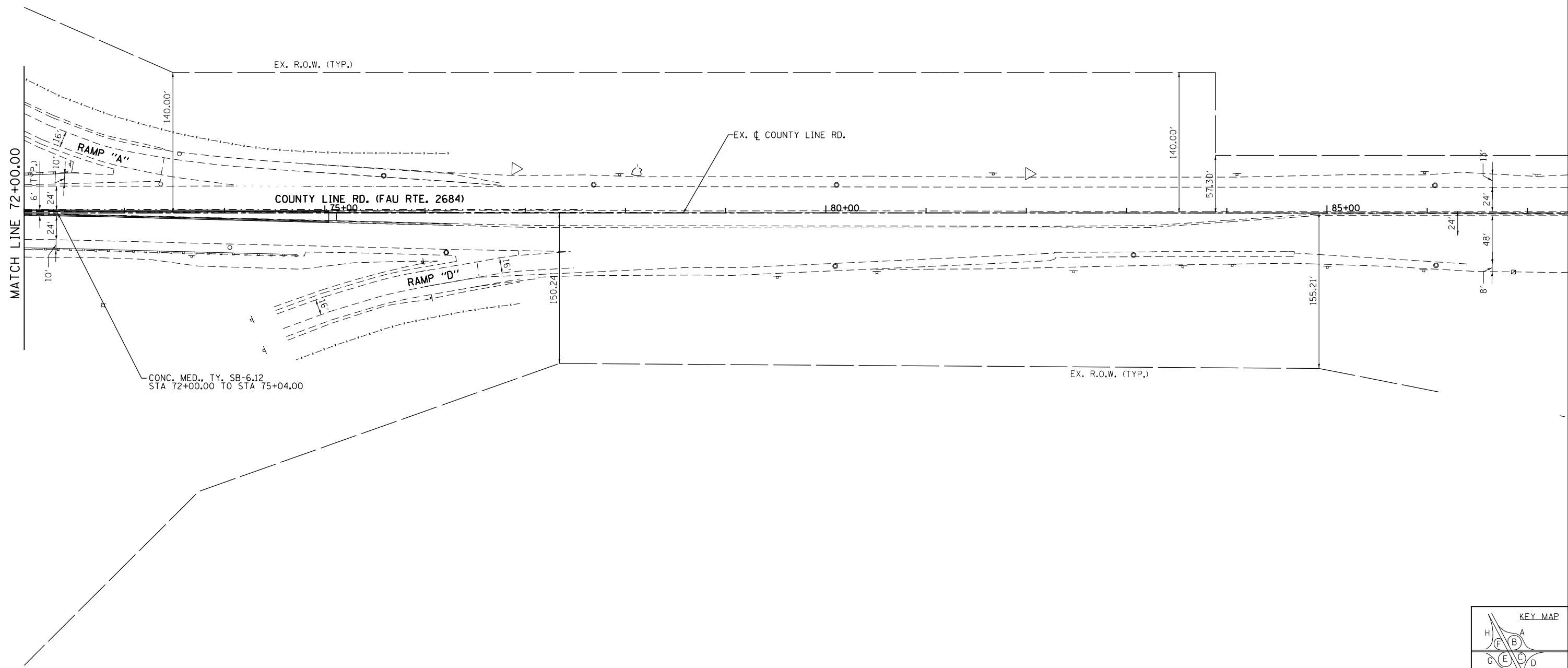
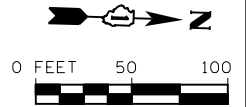
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

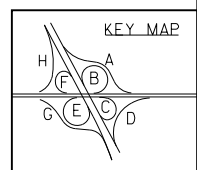
PLAN
 SCALE: 1" = 50'
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 STA. 57+00.00 TO STA. 72+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	26
CONTRACT NO. 60K77			ILLINOIS FED. AID PROJECT	





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SA
STRAND
ASSOCIATES

1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = dennisw	DESIGNED - MAG	REVISED -
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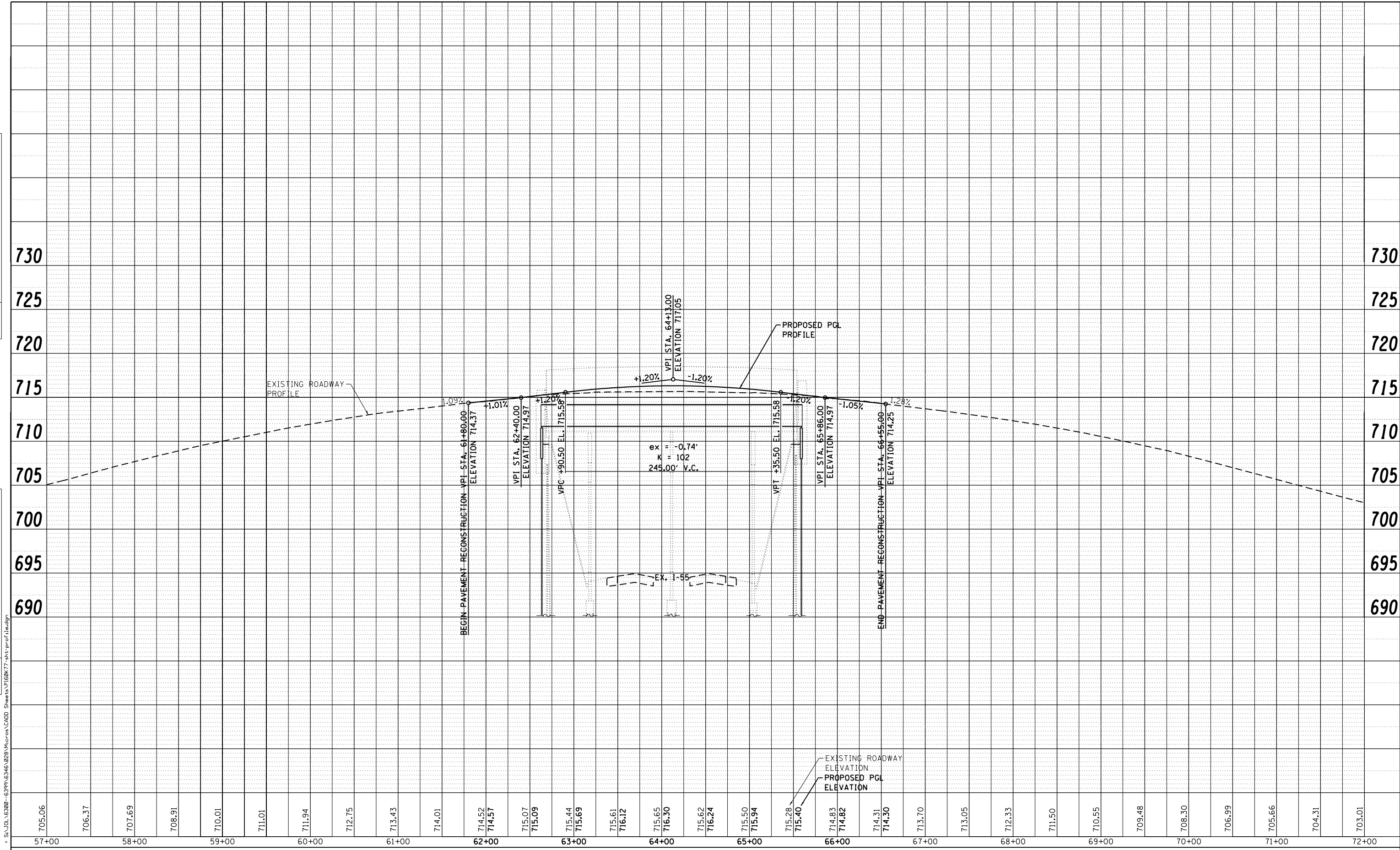
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PLAN			
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	27
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				

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	PLOTTED		
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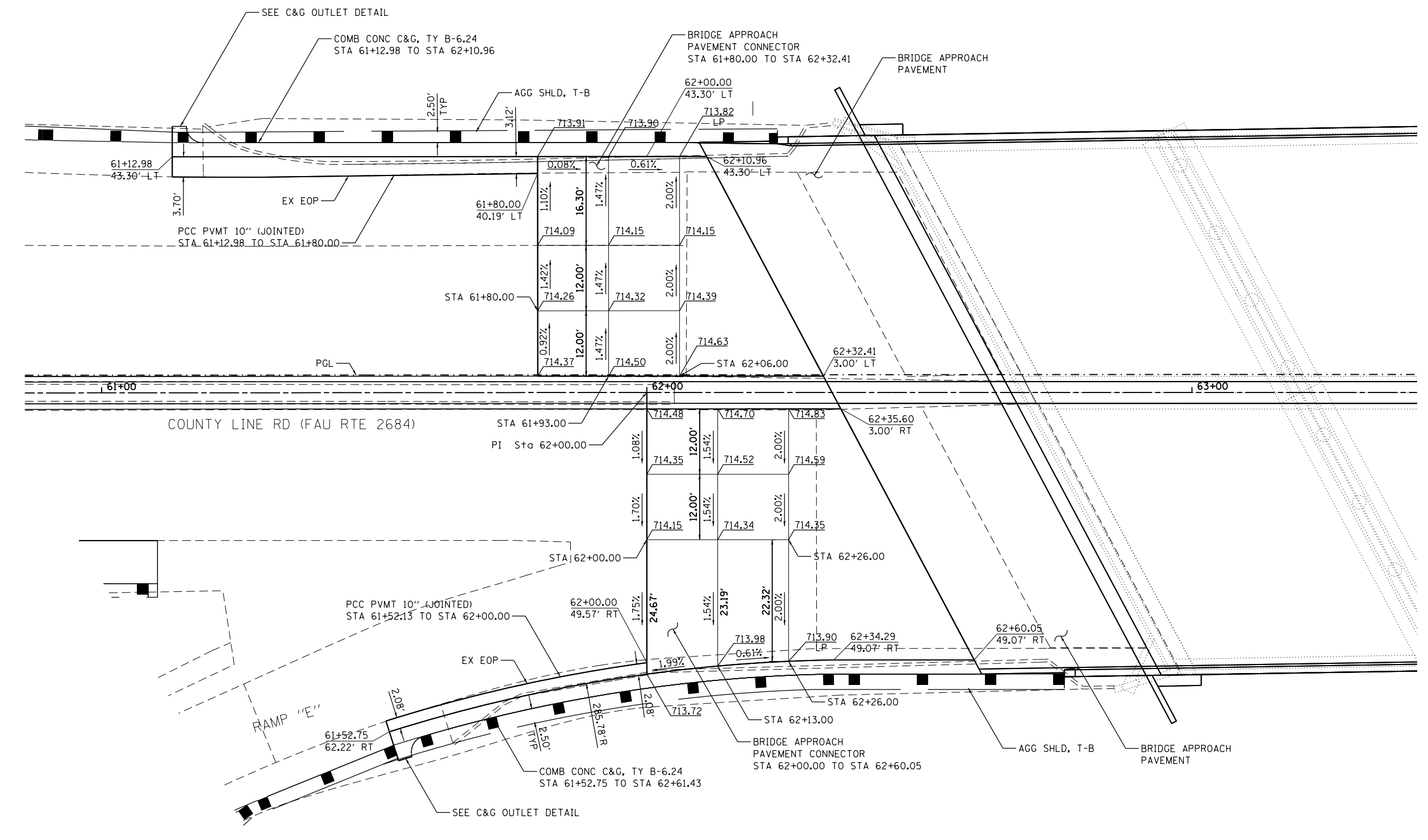
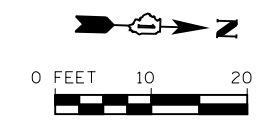
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STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SCALE: SHEET 1 OF 1 SHEETS STA. 57+00.00 TO STA. 72+00.00

PROFILE

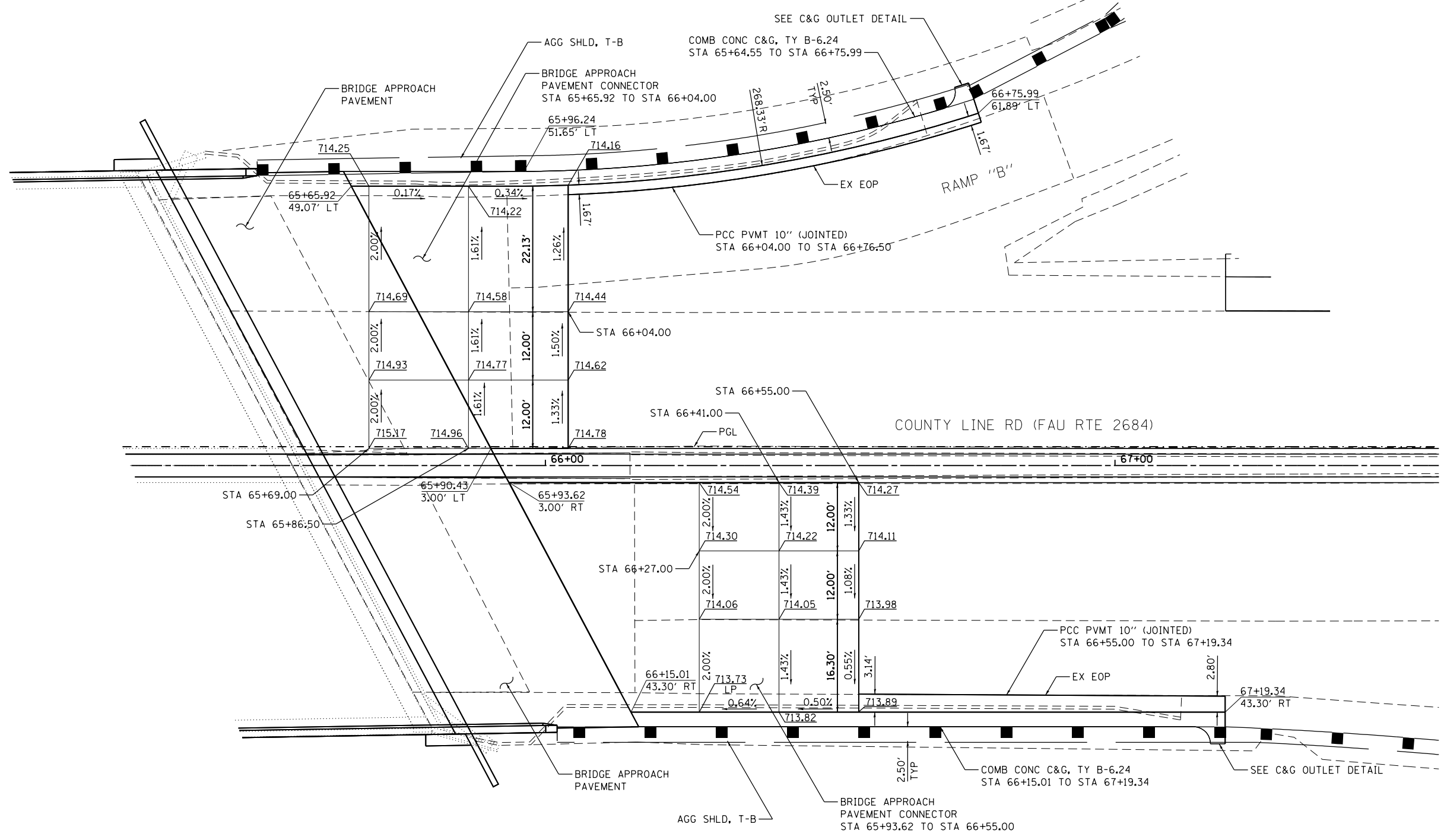
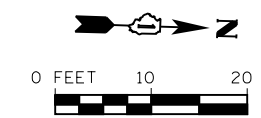
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CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				



SOUTH BRIDGE APPROACH PAVEMENT CONNECTOR

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NORTH BRIDGE APPROACH PAVEMENT CONNECTOR

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PLOT DATE = 1/30/2013	DATE - 01-24-13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

BRIDGE APPROACH PAVEMENT CONNECTOR ELEVATIONS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	30
CONTRACT NO. 60K77				

ILLINOIS FED. AID PROJECT

SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL

THE FOLLOWING SEQUENCE OF TRAFFIC CONTROL IS SUGGESTED. VARIATIONS MAY BE MADE, WITH THE APPROVAL OF THE ENGINEER, IF THE PREVAILING SITE CONDITIONS AT THE TIME OF CONSTRUCTION ALLOW. CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC FLOW ON COUNTY LINE ROAD AT ALL TIMES.

FOR EACH STAGE OF CONSTRUCTION PROVIDE TRAFFIC CONTROL AS SHOWN ON THE SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL PLANS, COORDINATE INSTALLATION OF TEMPORARY PAVEMENT MARKINGS AND OTHER TRAFFIC CONTROL DEVICES WITH THE EXISTING TRAFFIC PATTERNS AT THE ENDS OF THE PROJECT.

PRE-STAGE A

- USE THE SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL PRE-STAGE A PLAN SHEETS.
- PLACE ADVANCED SIGNS AND STRIPING AS SHOWN ON PLANS TO INDICATE LEFT LANES OF NB AND SB COUNTY LINE ROAD ARE CLOSED AND RIGHT LANES REMAIN THRU TRAFFIC FOR COUNTY LINE ROAD. MAINTAIN MINIMUM OF ONE 12' THRU LANE IN EACH DIRECTION THROUGHOUT THE ENTIRE PROJECT LENGTH.
- THRU TRAFFIC RESUMES TO TWO LANES IN EACH DIRECTION BEYOND WORK ZONES.
- WITHIN THE PRE-STAGE A WORK ZONE, REMOVE MEDIAN (INCLUDING CURB & GUTTER) AND REPLACE WITH TEMPORARY MEDIAN PAVEMENT FROM STA 52+27 TO STA 62+51, AND FROM STA 65+75 TO STA 75+04.

PRE-STAGE B

- USE THE SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL PRE-STAGE B PLAN SHEETS.
- ADJUST ADVANCED SIGNS AND STRIPING AS SHOWN ON PLANS TO INDICATE RIGHT LANE OF NB COUNTY LINE ROAD BECOMES EXIT ONLY LANES FOR I-55 RAMP "G". ALSO INDICATE RIGHT LANE OF SB COUNTY LINE ROAD IS CLOSED. LEFT LANE REMAINS THRU TRAFFIC.
- ESTABLISH TWO-WAY TRAFFIC ON INSIDE LEFT LANES OF COUNTY LINE RD. MAINTAIN MINIMUM OF ONE 12' THRU-LANE IN EACH DIRECTION THROUGHOUT THE ENTIRE PROJECT LENGTH. THRU TRAFFIC RESUMES TO TWO LANES IN EACH DIRECTION BEYOND WORK ZONES.
- CLOSE LEFT SHOULDERS OF RAMPS "B" AND "E" AND NARROW LANES TO 16' EACH TO ACCOMMODATE CONSTRUCTION OF TEMPORARY RAMP PAVEMENT.
- INSTALL TEMPORARY BARRIER WALL & ATTENUATORS AS SHOWN ON PLAN.
- WITHIN THE PRE-STAGE B WORK ZONE, CONSTRUCT TEMPORARY RAMP PAVEMENT FOR RAMPS "B" AND "E" FOR USE IN STAGES 1 AND 2.

STAGE 1

- USE THE SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL PLAN SHEETS FOR COUNTY LINE RD STAGE 1 AND I-55 STAGES 1A & 1B.
- ADJUST ADVANCED SIGNS AND STRIPING AS SHOWN ON PLANS TO INDICATE RIGHT LANES OF NB COUNTY LINE ROAD BECOMES EXIT ONLY LANE FOR I-55 RAMP "G". ALSO INDICATE RIGHT LANE OF SB COUNTY LINE ROAD IS CLOSED. LEFT LANE REMAINS THRU TRAFFIC.
- ESTABLISH TWO-WAY TRAFFIC ALONG EAST SIDE OF COUNTY LINE RD. FOR NB TRAFFIC, AFTER RIGHT LANE PROCEEDS TO RAMP "G", SHIFT NB THRU LANE TO OUTSIDE RIGHT LANE. FOR SB TRAFFIC, SHIFT SB THRU LANE ACROSS CENTERLINE TO EAST SIDE OF COUNTY LINE RD. MAINTAIN MINIMUM OF ONE 11' THRU-LANE IN EACH DIRECTION THROUGHOUT THE ENTIRE PROJECT LENGTH.
- EXTEND RAMP "F" TO SB LANES OF COUNTY LINE RD. ENTRANCE TO RAMP "F" OPENS AFTER TEMPORARY BARRIER WALL TAPER. EXTEND RAMP "B" TO SB LANES OF COUNTY LINE RD USING TEMPORARY RAMP PAVEMENT. TRAFFIC ON RAMP "B" SHALL STOP AND YIELD TO SB TRAFFIC ON COUNTY LINE RD.
- SB TRAFFIC SHIFTS BACK TO WEST SIDE OF COUNTY LINE RD BEYOND THE BRIDGE WORK ZONES. BOTH DIRECTIONS THRU TRAFFIC RESUMES BACK TO TWO LANES AFTER RAMP "F" & RAMP "D", RESPECTIVELY.
- I-55 STAGE 1A: CLOSE OUTSIDE SHOULDERS ALONG NB AND SB I-55 TO ALLOW FOR SUBSTRUCTURE WORK. MAINTAIN THRU TRAFFIC ON MAINLINE LANES AND AUXILIARY LANES.
- I-55 STAGE 1B: CLOSE INSIDE SHOULDERS ALONG NB AND SB I-55 TO ALLOW FOR SUBSTRUCTURE WORK. MAINTAIN THRU TRAFFIC ON MAINLINE LANES AND AUXILIARY LANES.
- WITHIN THE STAGE 1 CONSTRUCTION WORK ZONE, DEMOLISH THE BRIDGE SUPERSTRUCTURES, ABUTMENTS, APPROACH SLABS AND PIER CAPS AS NEEDED. COORDINATE WITH STRUCTURAL PLANS.
- WITHIN THE STAGE 1 CONSTRUCTION WORK ZONE, CONSTRUCT THE BRIDGE SUPERSTRUCTURES, ABUTMENTS, PIER CAPS, APPROACH SLABS AND OTHER APPURTENANCE. COORDINATE WITH THE STRUCTURAL PLANS.
- COMPLETE LANDSCAPING AND ASSOCIATED EROSION CONTROL ALONG WEST SIDE OF COUNTY LINE ROAD. CONSULT EROSION CONTROL AND LANDSCAPING PLANS.

WINTER STAGE

- SEE SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL PLAN WINTER STAGE SHEETS.
- STAGE 1 SHALL BE COMPLETED PRIOR TO THE WINTER STAGE. ALL LANES SHALL BE REOPENED DURING THIS STAGE ON COUNTY LINE RD AND I-55. NO PERMANENT OR OVERNIGHT LANE CLOSURES WILL BE ALLOWED FROM NOVEMBER 1 THRU APRIL 1.
- ADJUST ADVANCED SIGNS, STRIPING AND TEMP BARRIER AS SHOWN ON PLANS.

STAGE 2

- USE THE SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL PLAN SHEETS FOR COUNTY LINE RD STAGE 2 AND I-55 STAGES 2A & 2B.
- MAINTAIN/ADJUST ADVANCED SIGNS AND STRIPING AS SHOWN ON PLANS TO INDICATE RIGHT LANE OF NB COUNTY LINE ROAD BECOMES EXIT ONLY LANES FOR I-55 RAMP "G". INDICATE LEFT LANE OF SB COUNTY LINE ROAD IS CLOSED. LANE REMAINS THRU TRAFFIC.
- ESTABLISH TWO-WAY TRAFFIC ALONG WEST SIDE OF COUNTY LINE RD. SB THRU LANE REMAINS ON OUTSIDE RIGHT LANE. FOR NB TRAFFIC, AFTER RIGHT LANE PROCEEDS TO RAMP "G", SHIFT SB THRU LANE ACROSS CENTERLINE TO WEST SIDE OF COUNTY LINE RD. MAINTAIN MINIMUM OF ONE 12' THRU-LANE IN EACH DIRECTION THROUGHOUT THE ENTIRE PROJECT LENGTH.
- EXTEND RAMP "C" TO SB LANES OF COUNTY LINE RD. ENTRANCE TO RAMP "C" OPENS AFTER TEMPORARY BARRIER WALL TAPER. EXTEND RAMP "E" TO SB LANES OF COUNTY LINE RD USING TEMPORARY RAMP PAVEMENT. TRAFFIC ON RAMP "E" SHALL STOP AND YIELD TO NB TRAFFIC ON COUNTY LINE RD.
- NB TRAFFIC SHIFTS BACK TO EAST SIDE OF COUNTY LINE RD BEYOND THE BRIDGE WORK ZONES. BOTH DIRECTIONS THRU TRAFFIC RESUMES BACK TO TWO LANES AFTER RAMP "H" & RAMP "C" RESPECTIVELY.
- I-55 STAGE 2A: CLOSE OUTSIDE SHOULDERS ALONG NB AND SB I-55 TO ALLOW FOR SUBSTRUCTURE WORK. MAINTAIN THRU TRAFFIC ON MAINLINE LANES AND AUXILIARY LANES.
- I-55 STAGE 2B: CLOSE INSIDE SHOULDERS ALONG NB AND SB I-55 TO ALLOW FOR SUBSTRUCTURE WORK. MAINTAIN THRU TRAFFIC ON MAINLINE LANES AND AUXILIARY LANES.
- WITHIN THE STAGE 2 CONSTRUCTION WORK ZONE, DEMOLISH THE BRIDGE SUPERSTRUCTURES, ABUTMENTS, APPROACH SLABS AND PIER CAPS AS NEEDED. COORDINATE WITH STRUCTURAL PLANS.
- WITHIN THE STAGE 2 CONSTRUCTION WORK ZONE, CONSTRUCT THE BRIDGE SUPERSTRUCTURES, ABUTMENTS, PIER CAPS, APPROACH SLABS AND OTHER APPURTENANCES. COORDINATE WITH THE STRUCTURAL PLANS.
- COMPLETE LANDSCAPING AND ASSOCIATED EROSION CONTROL ALONG EAST SIDE OF COUNTY LINE ROAD. CONSULT EROSION CONTROL AND LANDSCAPING PLANS.

POST STAGE

- FOR MEDIAN RESTORATION ON COUNTY LINE RD, USE THE SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL FOR PRE-STAGE A PLAN SHEETS. SEE DESCRIPTION OF PRE-STAGE A FOR CLOSURE NOTES. REMOVE TEMPORARY MEDIAN PAVEMENT AND CONSTRUCT NEW CURB & GUTTER AND MEDIAN PAVEMENT FROM STA 52+27 TO STA 62+51, AND FROM STA 65+75 TO STA 75+04.
- FOR TEMPORARY RAMP PAVEMENT REMOVAL, USE THE SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL FOR PRE-STAGE B PLAN SHEETS. SEE DESCRIPTION OF PRE-STAGE B FOR CLOSURE NOTES. REMOVE TEMP RAMP PAVEMENT AND RESTORE LEFT SHOULDER ALONG RAMPS "E" & "B".

GENERAL NOTES

- THE CONTRACTOR SHALL INFORM COOK COUNTY TRANSPORTATION BUREAU AT (847) 827-7824, OR (312) 603-1660, FIVE DAYS IN ADVANCE PRIOR TO INSTALLATION OF PAVEMENT MARKINGS ON COUNTY LINE ROAD.
- THE CONTRACTOR SHALL MAINTAIN A MINIMUM OF ONE 11' THRU-LANE IN EACH DIRECTION FOR TWO-WAY TRAFFIC FLOW UNLESS OTHERWISE SPECIFIED. A MINIMUM OF 3' SHALL BE MAINTAINED AT ALL TIMES BETWEEN TRAFFIC AND CONSTRUCTION UNLESS OTHERWISE NOTED IN THE PLANS.
- THE CONTRACTOR SHALL MAINTAIN TRAFFIC IN ACCORDANCE WITH THE IDOT SPECIAL PROVISIONS, IDOT HIGHWAY STANDARDS, IDOT STANDARD SPECIFICATIONS, PLAN SPECIFICATIONS, AND AS DIRECTED BY THE ENGINEER.
- THE ENGINEER SHALL BE INFORMED 48 HOURS IN ADVANCE OF CHANGES IN CONSTRUCTION STAGING.
- THE CONTRACTOR SHALL CONTACT THE ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC CONTROL SUPERVISOR AT (847) 705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.
- STAGED CONSTRUCTION SHALL NOT COMMENCE UNTIL ALL CONFLICTING SIGNS, PAVEMENT MARKINGS, AND TRAFFIC CONTROL DEVICES HAVE BEEN REMOVED OR COVERED AND TEMPORARY TRAFFIC CONTROL MEASURES HAVE BEEN PLACED TO THE SATISFACTION OF THE ENGINEER.
- THE CONTRACTOR SHALL BE REQUIRED TO REMOVE ALL EXISTING PAVEMENT MARKINGS WHICH CONFLICT WITH THE DESIGNATED TRAFFIC CONTROL PLAN.
- ALL TEMPORARY PAVEMENT MARKINGS SHOWING DETERIORATION AFTER 7 DAYS SHALL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. SUFFICIENT QUANTITIES FOR 1 PLACEMENT AND 3 REPLACEMENTS HAVE BEEN PROVIDED FOR EACH STAGE. ALL MARKINGS THAT REQUIRE REPLACEMENT PRIOR TO 7 DAYS OF SERVICE OR REPLACEMENT AFTER THE THIRD REPLACEMENT SHALL BE REPLACED BY THE CONTRACTOR AT HIS OWN EXPENSE.

- EXISTING PAVEMENT MARKING THAT CONFLICT WITH EACH STAGE SHALL BE REMOVED PRIOR TO LANE CLOSURES, AND SHALL BE PAID AS PAVEMENT MARKING REMOVAL.

- DRUMS OR TYPE II BARRICADES AND VERTICAL PANELS SHALL BE EQUIPPED WITH MONODIRECTIONAL STEADY BURN LIGHTS AND SHALL BE PLACED AT 50' INTERVALS ALONG THE PROPOSED CONSTRUCTION WORK ZONE, AT 25' INTERVALS IN CURVES, AND AT 25' INTERVALS IN TAPER SECTIONS AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER. TYPE II BARRICADES THAT HAVE A MINIMUM REFLECTORIZED AREA OF 288 SQUARE INCHES AND ARE 2' IN WIDTH SHALL BE USED IN ALL STAGES OF CONSTRUCTION.

- THE FURNISHING, INSTALLING, AND RELOCATION OF ALL TRAFFIC SIGNS SHALL BE IN ACCORDANCE WITH THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD), ILLINOIS SUPPLEMENT TO THE MUTCD, IDOT SPECIAL PROVISIONS, IDOT HIGHWAY STANDARDS, IDOT STANDARD SPECIFICATIONS, CONTRACT SPECIFICATIONS, AND AS DIRECTED BY THE ENGINEER. ALL CONFLICTING TRAFFIC SIGNS SHALL BE COVERED AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL) AND TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).

- TEMPORARY CONCRETE BARRIER AND TEMPORARY IMPACT ATTENUATORS SHALL BE PLACED AS INDICATED IN THE PLANS. TEMPORARY CONCRETE BARRIER SHALL BE PLACED WHERE THERE IS A 2' OR GREATER DROP OFF AT THE EDGE OF PAVEMENT OR AS DIRECTED BY THE ENGINEER. FURNISHING, INSTALLING AND RELOCATION OF TEMPORARY CONCRETE BARRIER AND TEMPORARY IMPACT ATTENUATORS SHALL BE IN ACCORDANCE WITH IDOT SPECIAL PROVISIONS, IDOT HIGHWAY STANDARDS, STANDARD SPECIFICATIONS, SPECIAL PROVISIONS, AND AS DIRECTED BY THE ENGINEER.

- THE CONTRACTOR SHALL PROVIDE ADVANCE NOTICE CONSTRUCTION SIGNING. SIGNS SHALL BE ERECTED ONE WEEK IN ADVANCE OF THE START OF CONSTRUCTION AND SHALL BE REMOVED OR COVERED WHEN PROTECTION IS NOT REQUIRED.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING EXISTING AND/OR PROPOSED DRAINAGE AND ROADWAY LIGHTING DURING THE DURATION OF THE PROJECT.

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING AND MAINTAINING ALL BARRIERS, LABOR, SIGNS AND TRAFFIC CONTROL DEVICES NECESSARY FOR THE MAINTENANCE OF TRAFFIC UNLESS NOTED OTHERWISE IN THE SPECIAL PROVISIONS.

- ALL ARROW BOARDS SHALL HAVE SOLAR POWER CAPABILITY.

- ALL TRAFFIC CONTROL DEVICES SHALL BE REMOVED, COVERED OR TURNED AWAY FROM THE TRAFFIC IMMEDIATELY WHEN THEY ARE NO LONGER NECESSARY. WHEN A SIGN IS COVERED, ITS POST SHALL HAVE A REFLECTIVE 3" BY 6" DELINEATOR INSTALLED.

- IMMEDIATELY AFTER THE COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL RESTORE ALL PERMANENT PAVEMENT MARKINGS, SIGNS, AND OTHER TRAFFIC CONTROL DEVICES THAT WERE COVERED, REMOVED, DAMAGED, OR OTHERWISE AFFECTED BY CONSTRUCTION.

- TRAFFIC CONTROL AND PROTECTION WORK ON COUNTY LINE ROAD SHALL BE DONE AS SHOWN ON THE PLANS AND IN ACCORDANCE WITH THE FOLLOWING IDOT TRAFFIC CONTROL STANDARDS: 701321, 701411, 701431, AND AS DIRECTED BY THE ENGINEER. THESE STANDARDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE PRICE FOR TRAFFIC CONTROL AND PROTECTION (SPECIAL) AS A LUMP SUM PAY ITEM.

- TRAFFIC CONTROL AND PROTECTION WORK ON I-55 SHALL CONSIST OF SHOULDER CLOSURES (AS SHOWN ON THE PLANS) TO ALLOW WORK AT ABUTMENTS AND PIERS, IN ACCORDANCE WITH IDOT DISTRICT 1 TRAFFIC CONTROL STANDARD TC17 AND AS DIRECTED BY THE ENGINEER. THESE STANDARDS WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE PRICE FOR TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS) AS A LUMP SUM PAY ITEM.

- A 3.5 FOOT CLEAR DEFLECTION ZONE IS REQUIRED FROM THE BACK OF THE TEMPORARY CONCRETE BARRIER WALL TO ANY OBSTRUCTION OR DROP OFF IN THE WORK ZONE. IF THE 3.5 FOOT CLEAR ZONE CANNOT BE MAINTAINED, THE TEMPORARY CONCRETE BARRIER WALL SHALL BE ANCHORED TO THE PAVEMENT THRU THE 3 ANCHORING HOLES ON THE TRAFFIC SIDE OF THE BARRIER WALL. COST OF THIS WORK SHALL NOT BE PAID FOR SEPARATELY, BUT SHALL BE INCLUDED IN THE COST OF THE TEMPORARY CONCRETE BARRIER WALL.

- PROTECTIVE SHIELD SHALL BE INSTALLED TO PROTECT THE PUBLIC FROM ANY FALLING DEBRIS.

NOTE: BOXED ITEMS ARE INCLUDED IN THE COST OF THE CONTRACT.

IDOT HIGHWAY STANDARDS:

635011-02	REFLECTOR MARKERS AND MOUNTING DETAILS
643001-01	SAND MODULE IMPACT ATTENUATORS
701101-03	MULTI-LANE OFF-ROAD OPERATIONS
701400-06	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-07	LANE CLOSURE, FREEWAY/EXPRESSWAY
701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH
701431-08	LANE CLOSURE, MULTILANE, UNDIVIDED WITH CROSSOVER, FOR SPEEDS >= 45 MPH
701446-04	TWO LANE CLOSURE FREEWAY/EXPRESSWAY
701901-02	TRAFFIC CONTROL DEVICES
704001-07	TEMPORARY CONCRETE BARRIER
780001-03	TYPICAL PAVEMENT MARKING

IDOT DISTRICT 1 DETAILS:

TC08	ENTRANCE AND EXIT RAMP CLOSURE DETAILS
TC09	TRAFFIC CONTROL DETAILS FOR FREEWAY, SINGLE & MULTI-LANE WEAVE
TC13	DISTRICT ONE TYPICAL PAVEMENT MARKINGS
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
TC22	ARTERIAL ROAD INFORMATION SIGN

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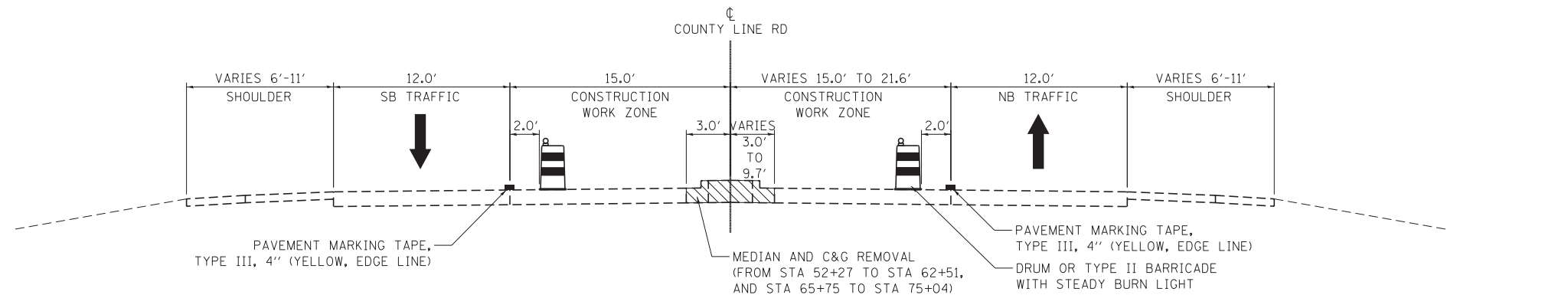
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PLOT DATE = 1/23/2013	DATE - 1/24/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
STAGING NOTES, GENERAL NOTES AND STANDARDS

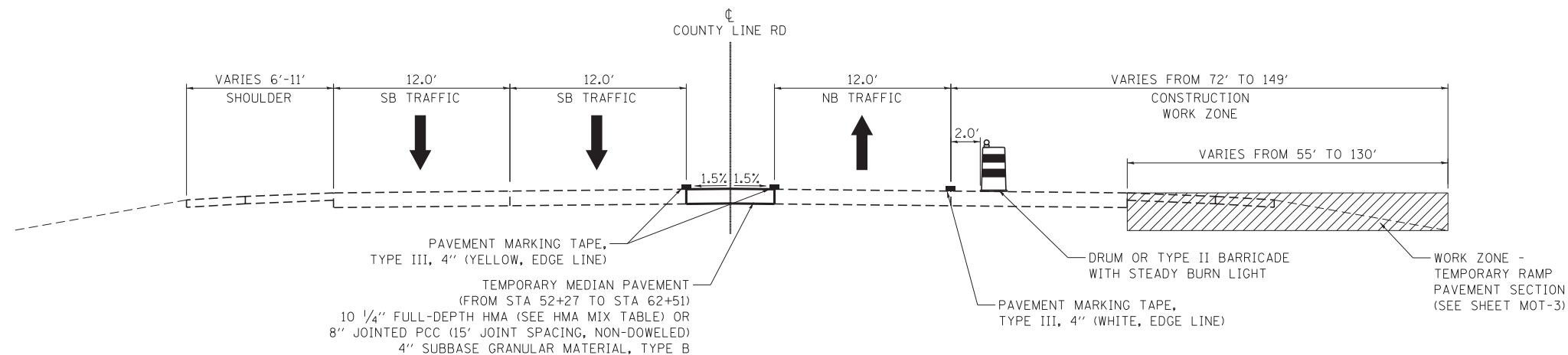
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	31
CONTRACT NO. 60K77				
FED. ROAD. DIST. NO. 1 ILLINOIS FED. AID PROJECT				



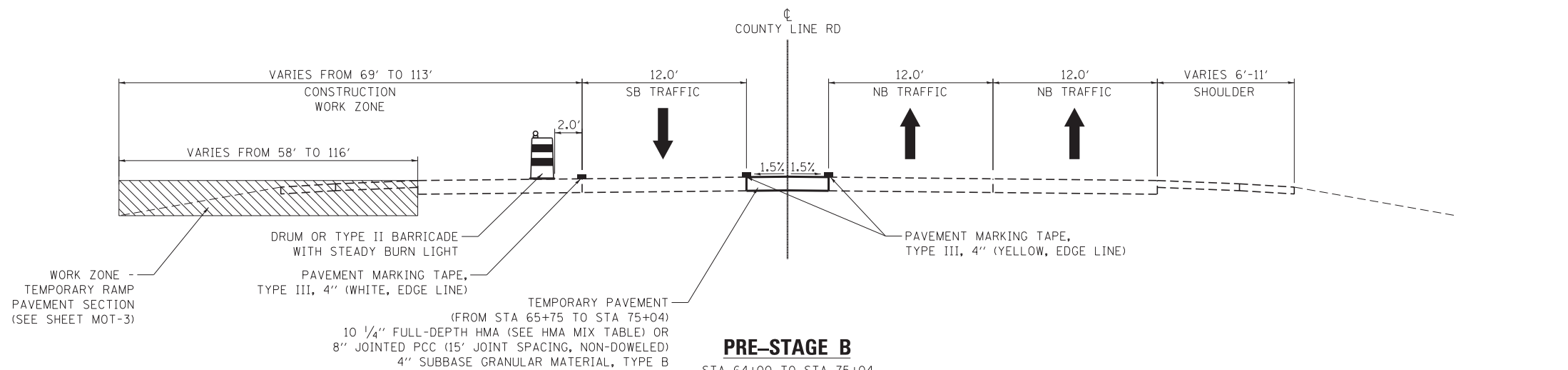
PRE-STAGE A

STA 42+35 TO STA 85+44



PRE-STAGE B

STA 52+27 TO STA 64+00



PRE-STAGE B

STA 64+00 TO STA 75+04

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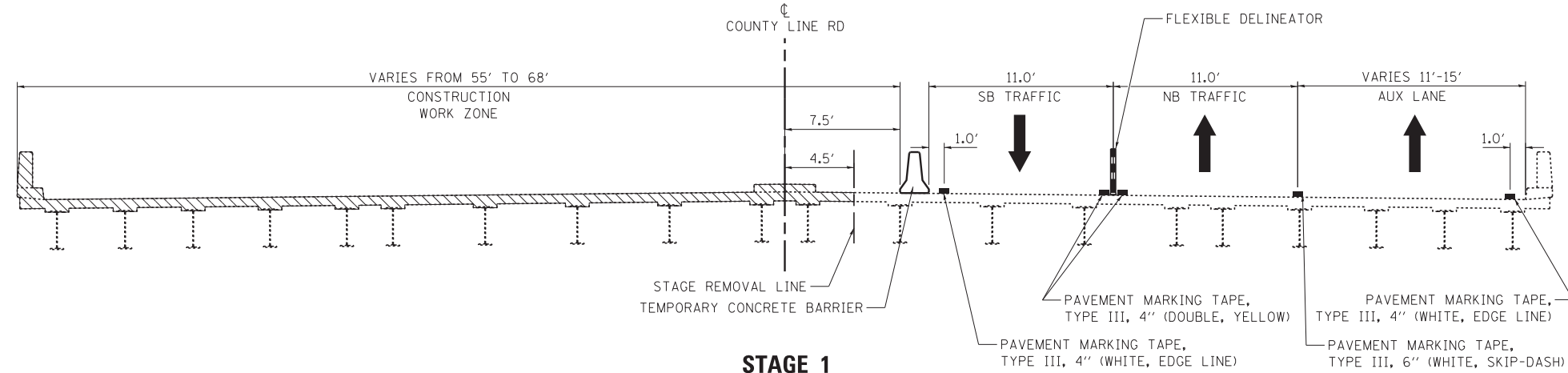
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	DATE - 1/24/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

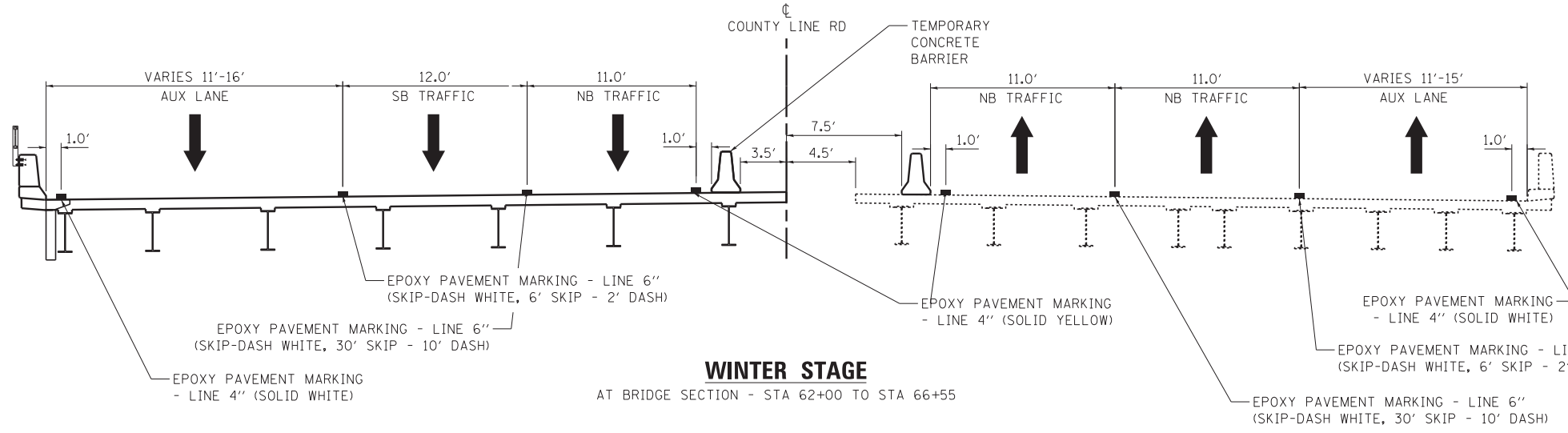
SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS

SCALE: N/A SHEET NO. 2 OF 16 SHEETS STA. N/A TO STA. N/A

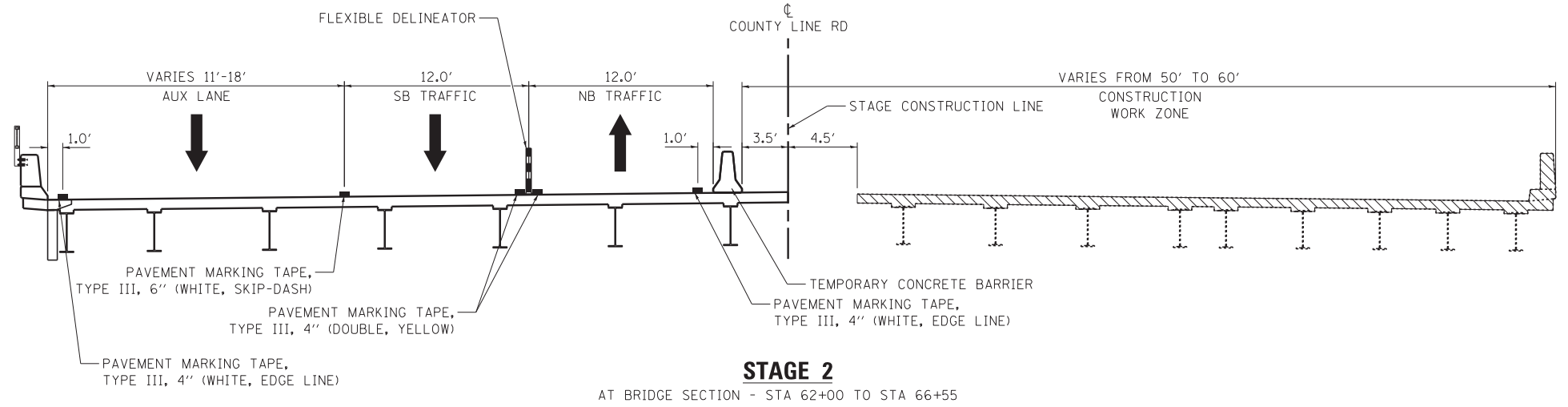
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	32
CONTRACT NO. 60K77				
FED. ROAD, DIST. NO. 1 ILLINOIS FED. AID PROJECT				



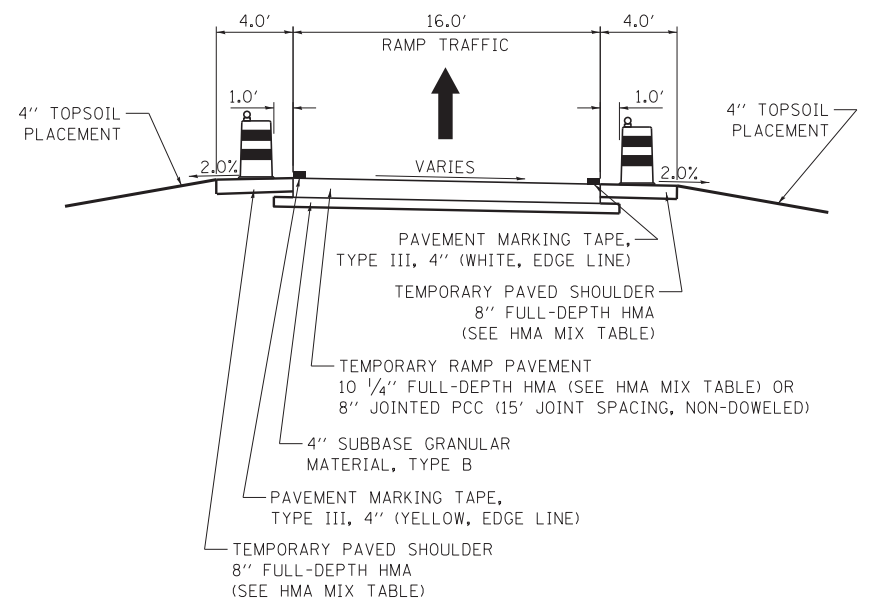
STAGE 1
AT BRIDGE SECTION - STA 61+80 TO STA 66+04



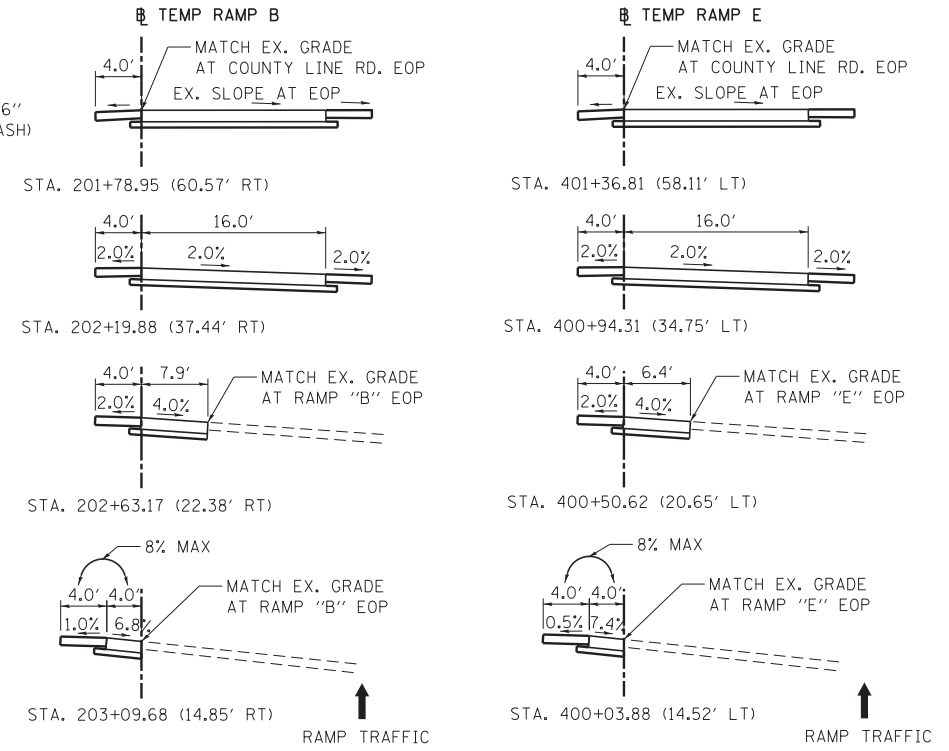
WINTER STAGE
AT BRIDGE SECTION - STA 62+00 TO STA 66+55



STAGE 2
AT BRIDGE SECTION - STA 62+00 TO STA 66+55



TEMPORARY RAMP PAVEMENT
RAMP "B" - OPEN DURING STAGE 1, CLOSED STAGE 2
RAMP "E" - OPEN DURING STAGE 2, CLOSED STAGE 1



TEMPORARY RAMP TRANSITION DETAIL
RAMP "B"
(OFFSETS ARE FROM RAMP "B" TO TEMP RAMP "B")
RAMP "E"
(OFFSETS ARE FROM RAMP "E" TO TEMP RAMP "E")

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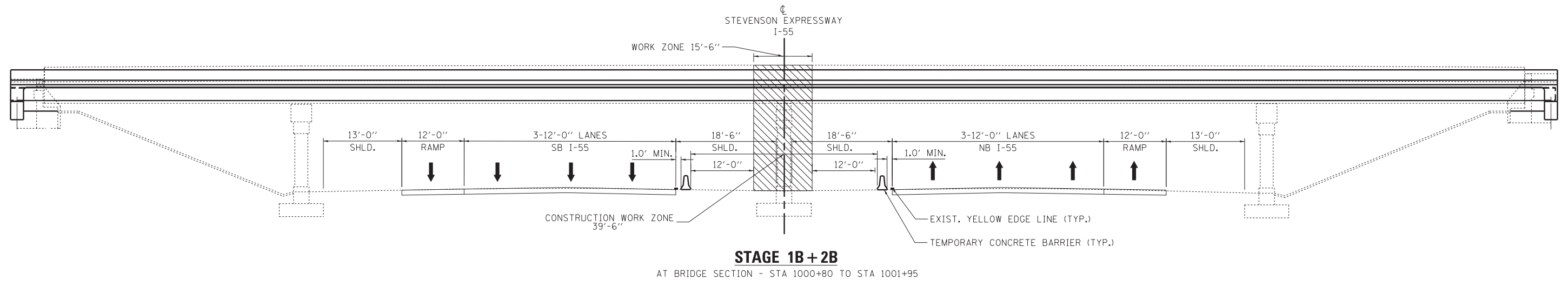
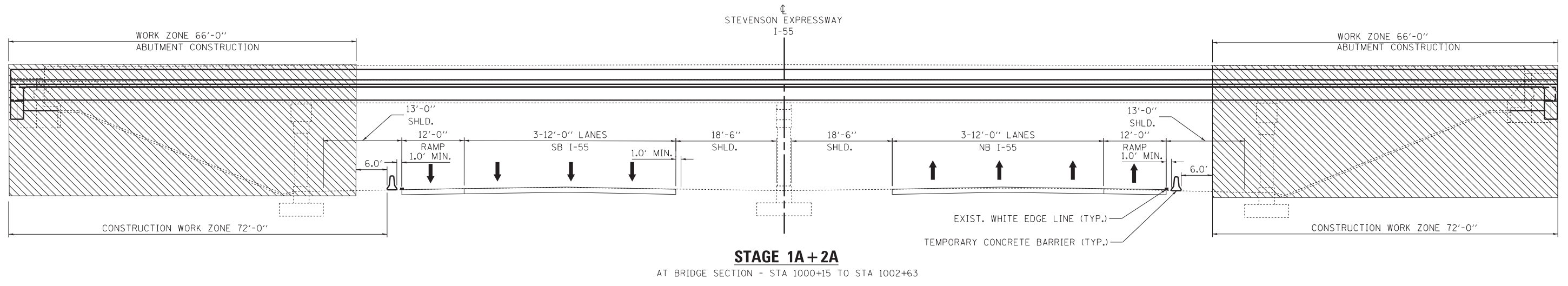
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
TYPICAL SECTIONS**

SCALE: N/A SHEET NO. 3 OF 16 SHEETS STA. N/A TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	33
CONTRACT NO. 60K77				
FED. ROAD, DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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








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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
TYPICAL SECTIONS			
SCALE: N/A	SHEET NO. 4 OF 16 SHEETS	STA. N/A	TO STA. N/A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	34
CONTRACT NO. 60K77				
FED. ROAD, DIST. NO. 1 ILLINOIS FED. AID PROJECT				

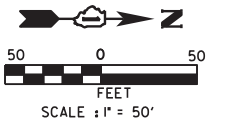
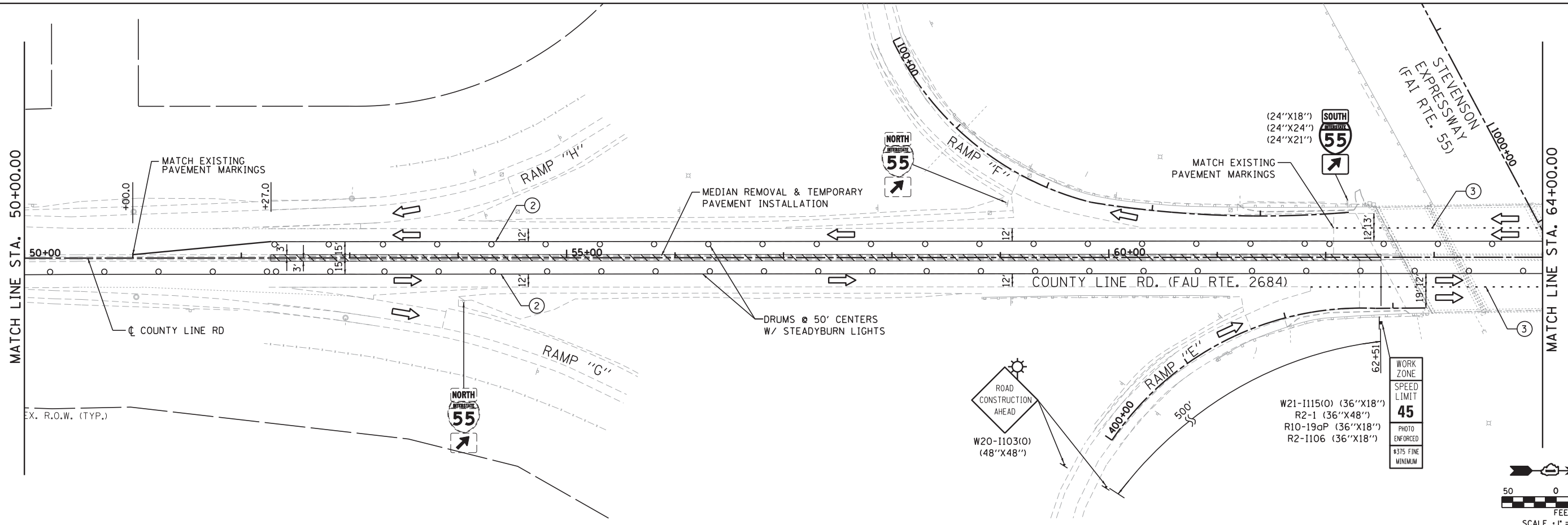
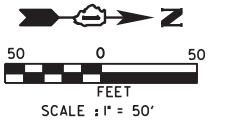
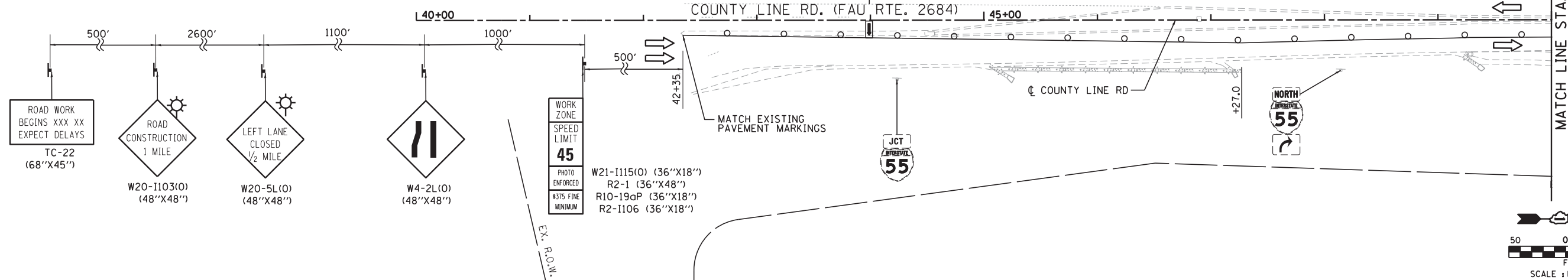
LEGEND

-  WORK ZONE
-  DIRECTION OF TRAFFIC
-  PLASTIC DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHTS, SPACING AS SHOWN
-  ARROW BOARD
-  SAND MODULE IMPACT ATTENUATOR TL3
-  TRAFFIC SIGN
-  FLEXIBLE DELINEATOR @ 25 FT CTRS.
-  TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
-  TEMP. CONC. BARRIER W/ WALL MARKERS TYPE C @ 25 FT CTRS.

- ① PAVEMENT MARKING TAPE, TYPE III - LINE 4" (SOLID WHITE)
- ② PAVEMENT MARKING TAPE, TYPE III - LINE 4" (SOLID YELLOW)
- ③ PAVEMENT MARKING TAPE, TYPE III - LINE 6" (SKIP-DASH WHITE, 6' SKIP - 2' DASH)
- ④ PAVEMENT MARKING TAPE, TYPE III - LINE 8" (SOLID WHITE)
- ⑤ PAVEMENT MARKING TAPE, TYPE III - LINE 12" (SOLID WHITE)
- ⑥ PAVEMENT MARKING TAPE, TYPE III - LINE 24" (SOLID WHITE)

NOTES:

1. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE USED AT BOTH ENDS OF IMPROVEMENT. LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
2. ALL PAVEMENT MARKING TAPE USED FOR SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL PLANS ARE TEMPORARY AND PER STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 703.



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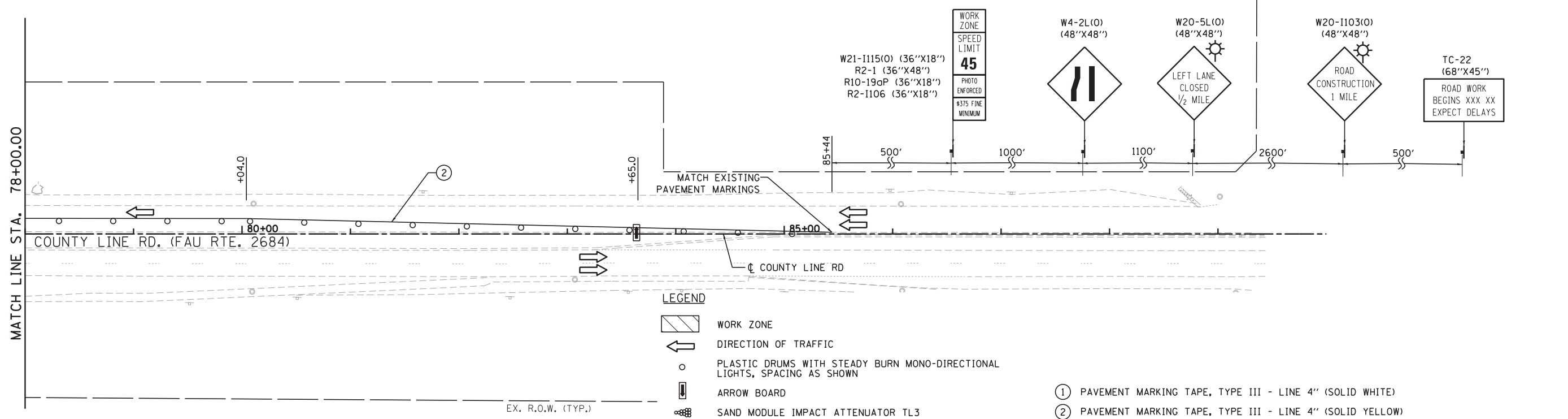
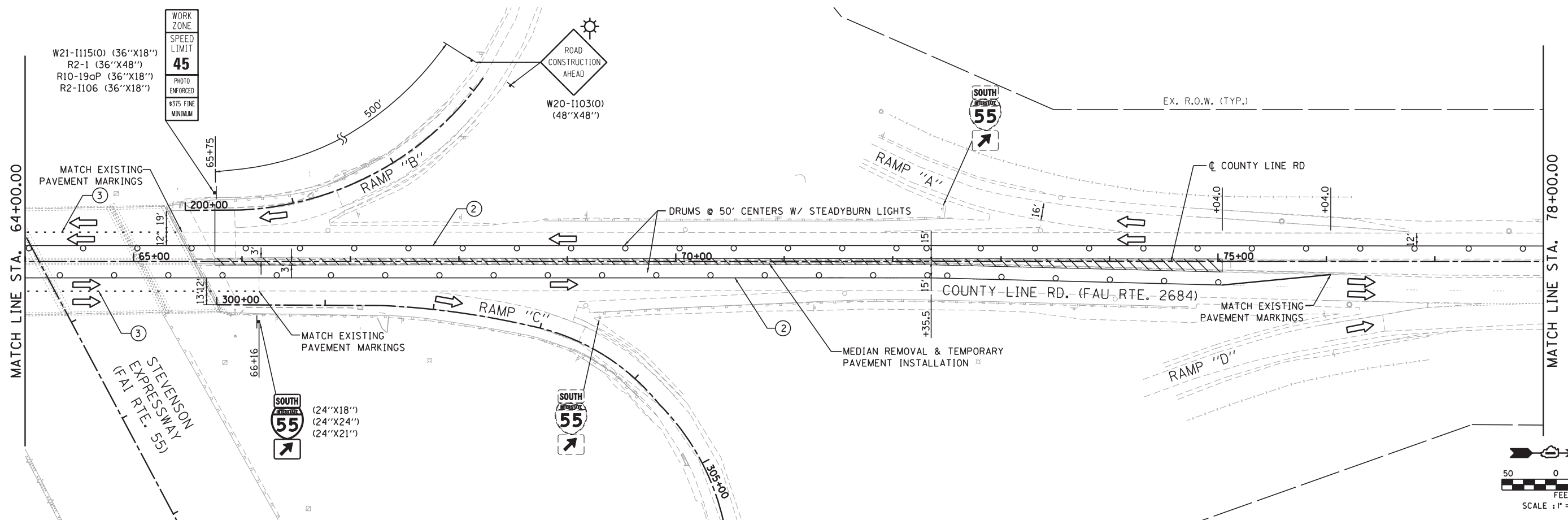
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
COUNTY LINE ROAD - PRE-STAGE A**

SCALE: 1"=50' SHEET NO. 5 OF 16 SHEETS STA. 40+00.00 TO STA. 64+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	35
CONTRACT NO. 60K77				
FED. ROAD, DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE USED AT BOTH ENDS OF IMPROVEMENT. LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
2. ALL PAVEMENT MARKINGS TAPE USED FOR SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL PLANS ARE TEMPORARY AND PER STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 703.

LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC
- PLASTIC DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHTS, SPACING AS SHOWN
- ARROW BOARD
- SAND MODULE IMPACT ATTENUATOR TL3
- TRAFFIC SIGN
- FLEXIBLE DELINEATOR @ 25 FT CTRS.
- TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
- TEMP. CONC. BARRIER W/ WALL MARKERS TYPE C @ 25 FT CTRS.

- ① PAVEMENT MARKING TAPE, TYPE III - LINE 4" (SOLID WHITE)
- ② PAVEMENT MARKING TAPE, TYPE III - LINE 4" (SOLID YELLOW)
- ③ PAVEMENT MARKING TAPE, TYPE III - LINE 6" (SKIP-DASH WHITE, 6' SKIP - 2' DASH)
- ④ PAVEMENT MARKING, TAPE, TYPE III - LINE 8" (SOLID WHITE)
- ⑤ PAVEMENT MARKING, TAPE, TYPE III - LINE 12" (SOLID WHITE)
- ⑥ PAVEMENT MARKING, TAPE, TYPE III - LINE 24" (SOLID WHITE)

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








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
COUNTY LINE ROAD - PRE-STAGE A**

SCALE: 1"=50' SHEET NO. 6 OF 16 SHEETS STA. 64+00.00 TO STA. 90+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	36
CONTRACT NO. 60K77				
FED. ROAD, DIST. NO. 1 ILLINOIS FED. AID PROJECT				

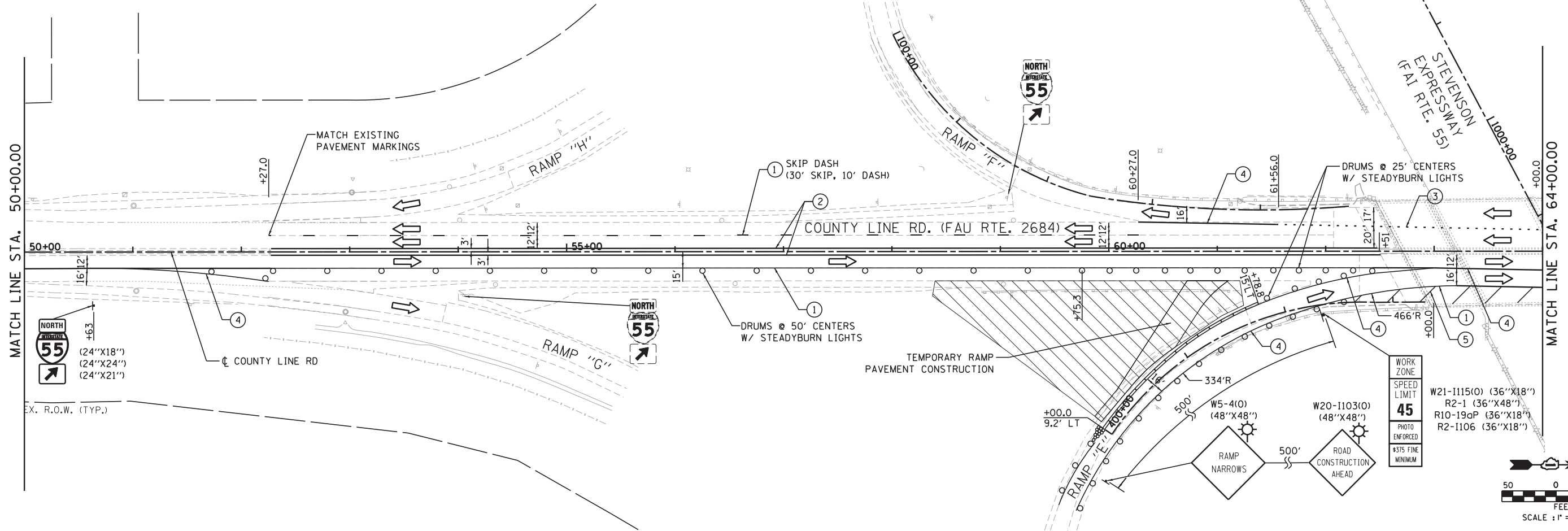
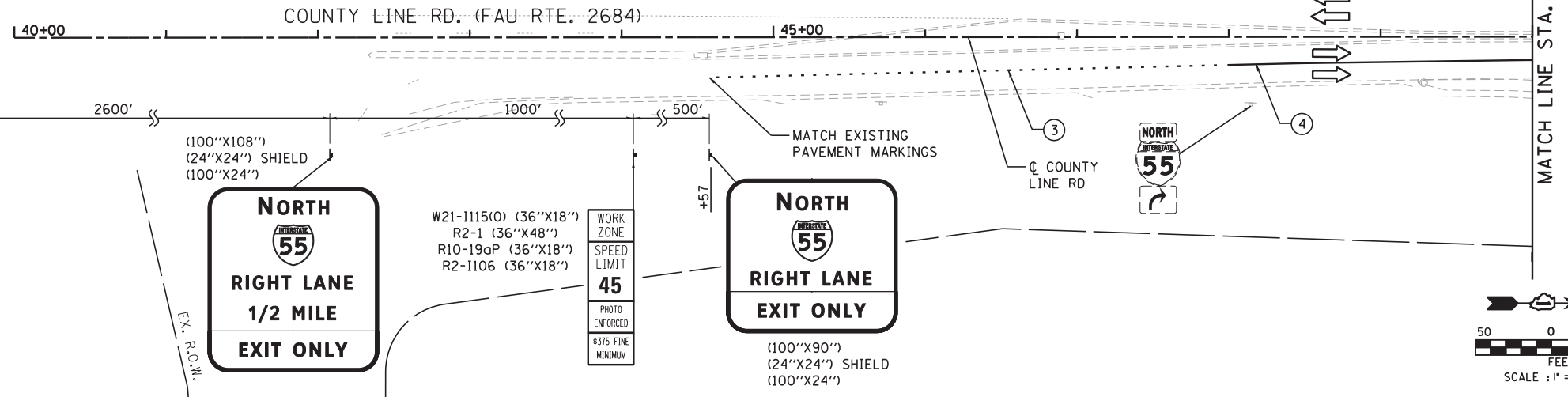
LEGEND

-  WORK ZONE
-  DIRECTION OF TRAFFIC
-  PLASTIC DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHTS, SPACING AS SHOWN
-  ARROW BOARD
-  SAND MODULE IMPACT ATTENUATOR TL3
-  TRAFFIC SIGN
-  FLEXIBLE DELINEATOR @ 25 FT CTRS.
-  TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
-  TEMP. CONC. BARRIER W/ WALL MARKERS TYPE C @ 25 FT CTRS.

- ① PAVEMENT MARKING TAPE, TYPE III - LINE 4" (SOLID WHITE)
- ② PAVEMENT MARKING TAPE, TYPE III - LINE 4" (SOLID YELLOW)
- ③ PAVEMENT MARKING TAPE, TYPE III - LINE 6" (SKIP-DASH WHITE, 6' SKIP - 2' DASH)
- ④ PAVEMENT MARKING, TAPE, TYPE III - LINE 8" (SOLID WHITE)
- ⑤ PAVEMENT MARKING, TAPE, TYPE III - LINE 12" (SOLID WHITE)
- ⑥ PAVEMENT MARKING, TAPE, TYPE III - LINE 24" (SOLID WHITE)

NOTES:

1. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE USED AT BOTH ENDS OF IMPROVEMENT. LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
2. ALL PAVEMENT MARKING TAPE USED FOR SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL PLANS ARE TEMPORARY AND PER STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 703.



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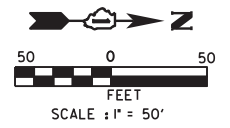
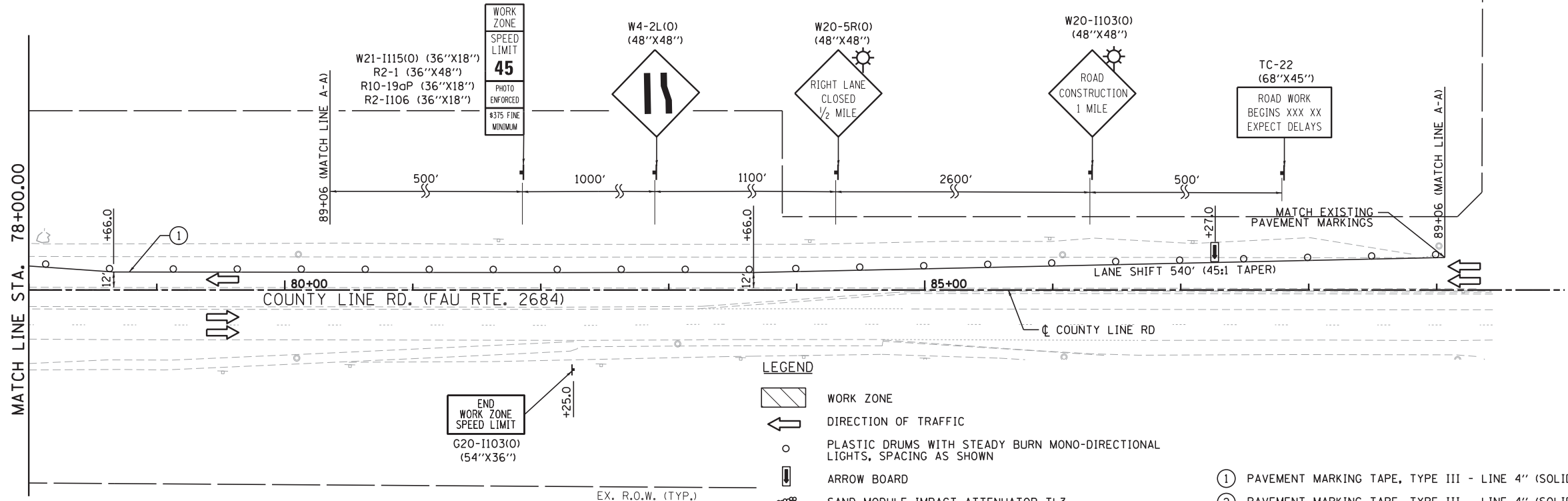
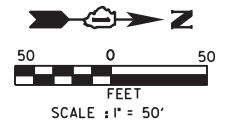
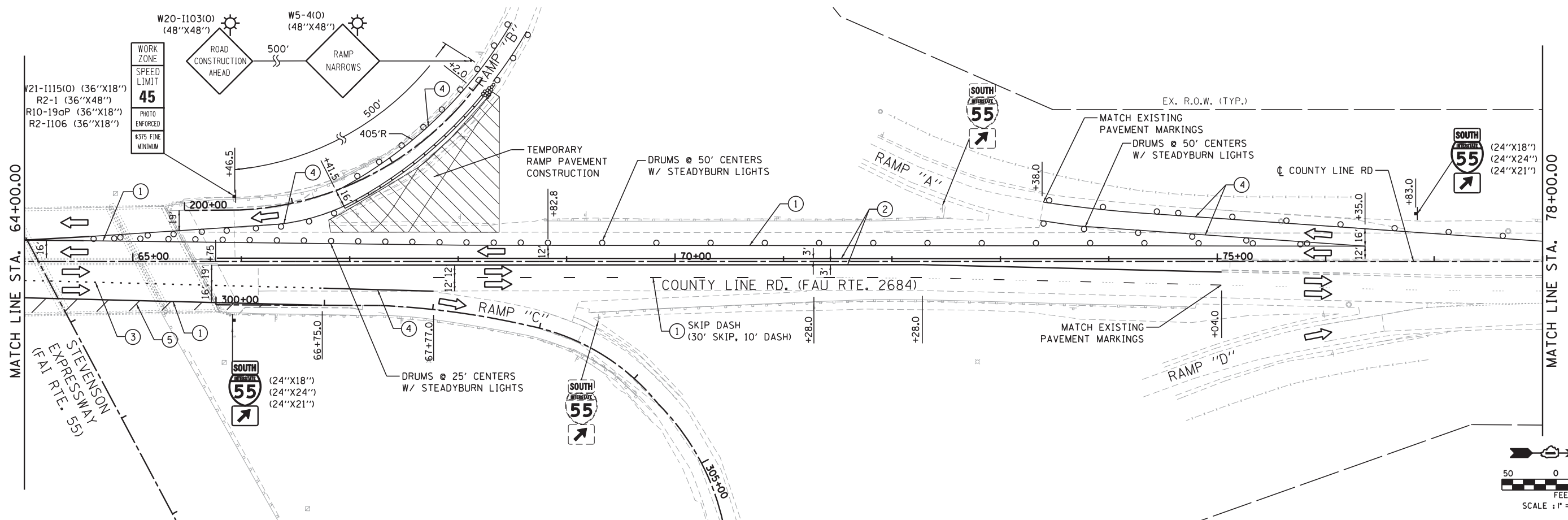
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PLOT DATE = 1/23/2013	DATE - 1/24/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
COUNTY LINE ROAD - PRE-STAGE B**

SCALE: 1"=50' SHEET NO. 7 OF 16 SHEETS STA. 40+00.00 TO STA. 64+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	37
CONTRACT NO. 60K77				
FED. ROAD, DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

1. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE USED AT BOTH ENDS OF IMPROVEMENT. LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
2. ALL PAVEMENT MARKINGS TAPE USED FOR SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL PLANS ARE TEMPORARY AND PER STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 703.

LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC
- PLASTIC DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHTS, SPACING AS SHOWN
- ARROW BOARD
- SAND MODULE IMPACT ATTENUATOR TL3
- TRAFFIC SIGN
- FLEXIBLE DELINEATOR @ 25 FT CTRS.
- TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
- TEMP. CONC. BARRIER W/ WALL MARKERS TYPE C @ 25 FT CTRS.

- ① PAVEMENT MARKING TAPE, TYPE III - LINE 4" (SOLID WHITE)
- ② PAVEMENT MARKING TAPE, TYPE III - LINE 4" (SOLID YELLOW)
- ③ PAVEMENT MARKING TAPE, TYPE III - LINE 6" (SKIP-DASH WHITE, 6' SKIP - 2' DASH)
- ④ PAVEMENT MARKING, TAPE, TYPE III - LINE 8" (SOLID WHITE)
- ⑤ PAVEMENT MARKING, TAPE, TYPE III - LINE 12" (SOLID WHITE)
- ⑥ PAVEMENT MARKING, TAPE, TYPE III - LINE 24" (SOLID WHITE)

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








**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
COUNTY LINE ROAD - PRE-STAGE B**

SCALE: 1"=50' SHEET NO. 8 OF 16 SHEETS STA. 64+00.00 TO STA. 90+00.00

F.A.I. RTE. 55	SECTION 22-1HB-R	COUNTY COOK/DUPAGE	TOTAL SHEETS 161	SHEET NO. 38
CONTRACT NO. 60K77				
FED. ROAD. DIST. NO. 1 ILLINOIS FED. AID PROJECT				

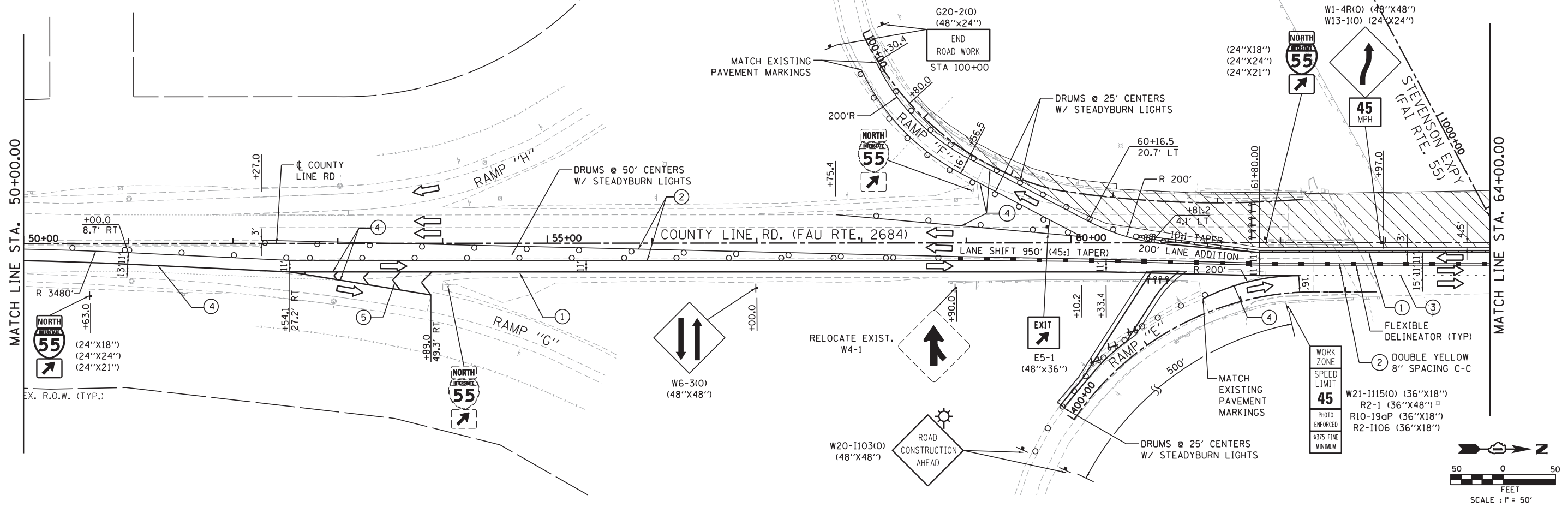
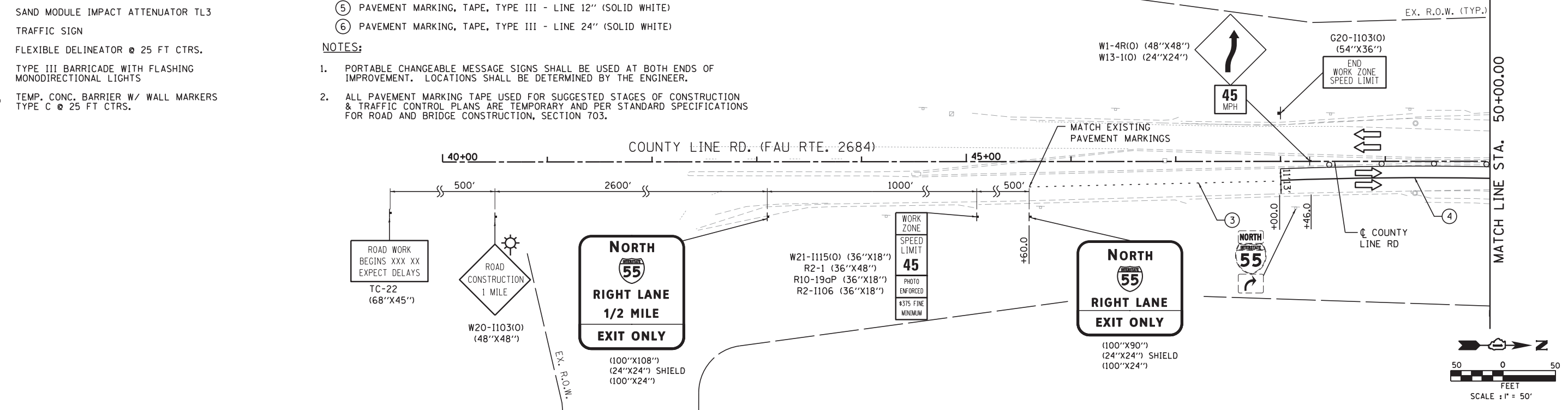
LEGEND

-  WORK ZONE
-  DIRECTION OF TRAFFIC
-  PLASTIC DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHTS, SPACING AS SHOWN
-  ARROW BOARD
-  SAND MODULE IMPACT ATTENUATOR TL3
-  TRAFFIC SIGN
-  FLEXIBLE DELINEATOR @ 25 FT CTRS.
-  TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
-  TEMP. CONC. BARRIER W/ WALL MARKERS TYPE C @ 25 FT CTRS.

- ① PAVEMENT MARKING TAPE, TYPE III - LINE 4" (SOLID WHITE)
- ② PAVEMENT MARKING TAPE, TYPE III - LINE 4" (SOLID YELLOW)
- ③ PAVEMENT MARKING TAPE, TYPE III - LINE 6" (SKIP-DASH WHITE, 6' SKIP - 2' DASH)
- ④ PAVEMENT MARKING TAPE, TYPE III - LINE 8" (SOLID WHITE)
- ⑤ PAVEMENT MARKING TAPE, TYPE III - LINE 12" (SOLID WHITE)
- ⑥ PAVEMENT MARKING TAPE, TYPE III - LINE 24" (SOLID WHITE)

NOTES:

1. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE USED AT BOTH ENDS OF IMPROVEMENT. LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
2. ALL PAVEMENT MARKING TAPE USED FOR SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL PLANS ARE TEMPORARY AND PER STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 703.



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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

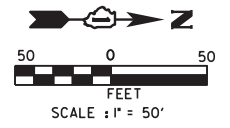
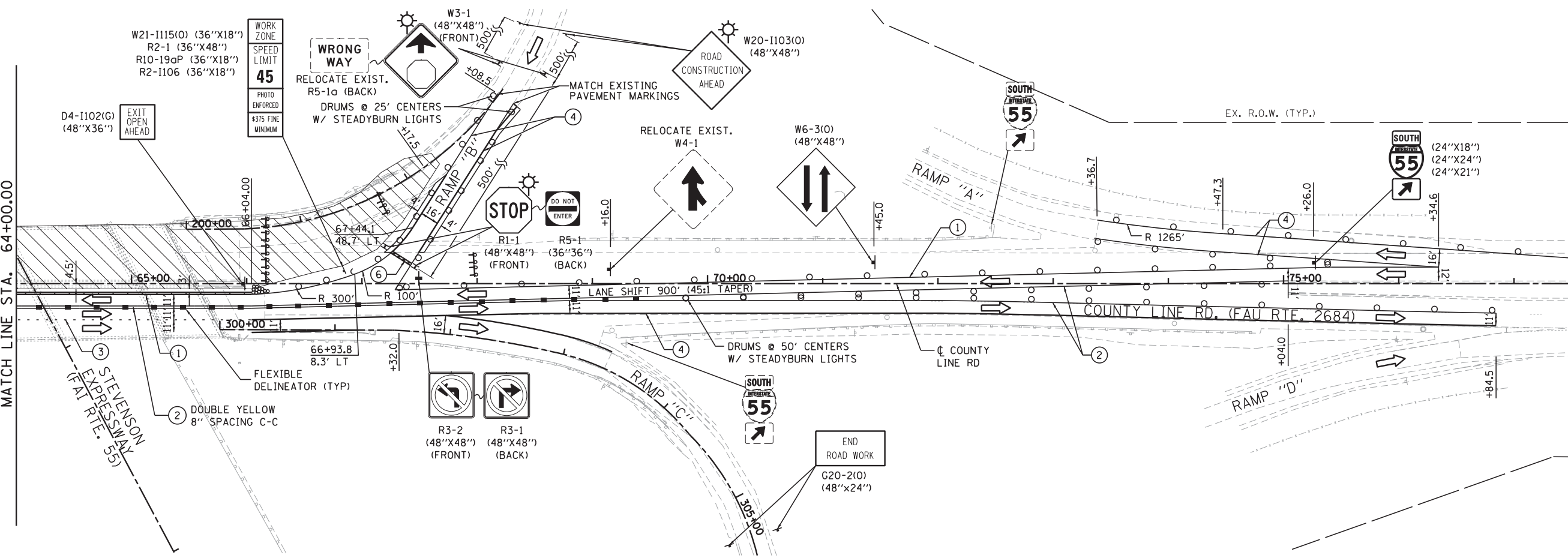
**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
COUNTY LINE ROAD - STAGE 1**

SCALE: 1"=50' SHEET NO. 9 OF 16 SHEETS STA. 40+00.00 TO STA. 64+00.00

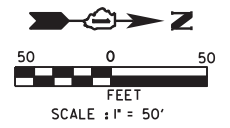
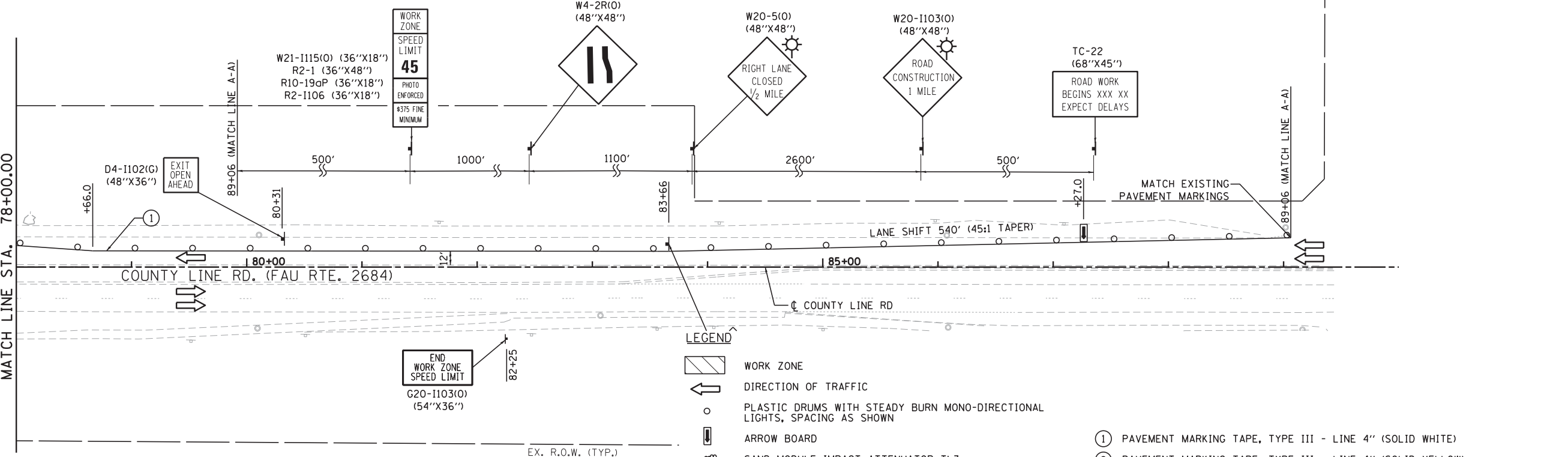
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	39
CONTRACT NO. 60K77				
FED. ROAD, DIST. NO. 1 ILLINOIS FED. AID PROJECT				

MATCH LINE STA. 64+00.00

MATCH LINE STA. 78+00.00



MATCH LINE STA. 78+00.00



NOTES:

- PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE USED AT BOTH ENDS OF IMPROVEMENT. LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
- ALL PAVEMENT MARKINGS TAPE USED FOR SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL PLANS ARE TEMPORARY AND PER STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 703.

- LEGEND**
- WORK ZONE
 - DIRECTION OF TRAFFIC
 - PLASTIC DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHTS, SPACING AS SHOWN
 - ARROW BOARD
 - SAND MODULE IMPACT ATTENUATOR TL3
 - TRAFFIC SIGN
 - FLEXIBLE DELINEATOR @ 25 FT CTRS.
 - TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
 - TEMP. CONC. BARRIER W/ WALL MARKERS TYPE C @ 25 FT CTRS.

- ① PAVEMENT MARKING TAPE, TYPE III - LINE 4" (SOLID WHITE)
- ② PAVEMENT MARKING TAPE, TYPE III - LINE 4" (SOLID YELLOW)
- ③ PAVEMENT MARKING TAPE, TYPE III - LINE 6" (SKIP-DASH WHITE, 6' SKIP - 2' DASH)
- ④ PAVEMENT MARKING, TAPE, TYPE III - LINE 8" (SOLID WHITE)
- ⑤ PAVEMENT MARKING, TAPE, TYPE III - LINE 12" (SOLID WHITE)
- ⑥ PAVEMENT MARKING, TAPE, TYPE III - LINE 24" (SOLID WHITE)

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








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PLOT DATE = 1/23/2013	CHECKED - IY	REVISED -
	DATE - 1/24/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL		
COUNTY LINE ROAD - STAGE 1		
SCALE: 1"=50'	SHEET NO. 10 OF 16 SHEETS	STA. 64+00.00 TO STA. 90+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	40
CONTRACT NO. 60K77				
FED. ROAD, DIST. NO. 1 ILLINOIS FED. AID PROJECT				

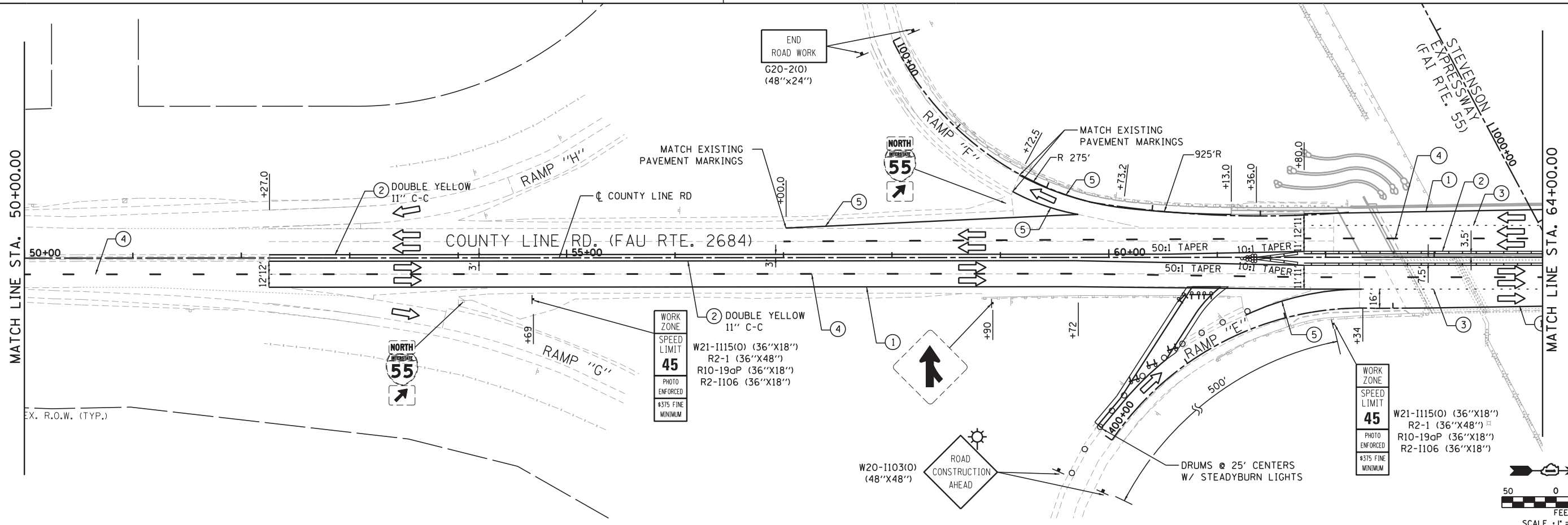
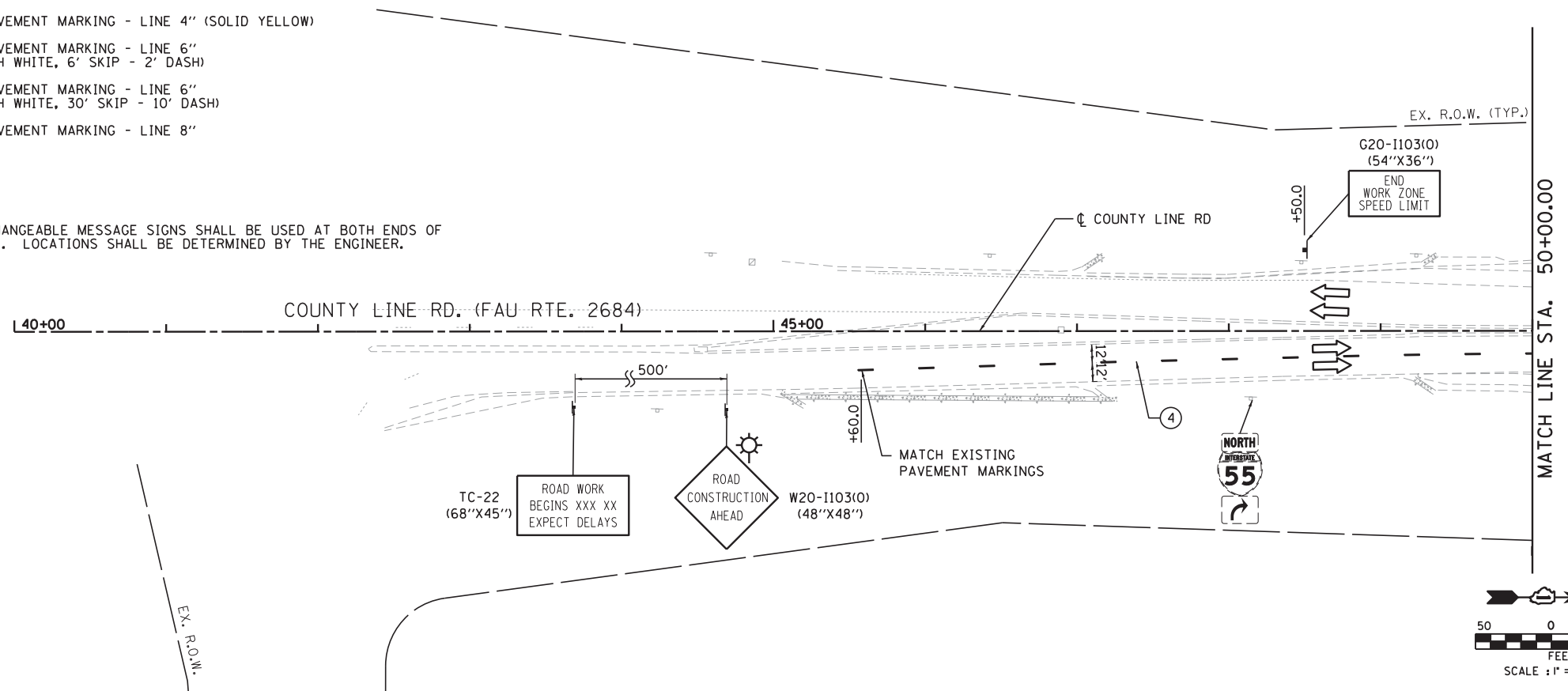
LEGEND

-  WORK ZONE
-  DIRECTION OF TRAFFIC
-  PLASTIC DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHTS, SPACING AS SHOWN
-  ARROW BOARD
-  SAND MODULE IMPACT ATTENUATOR TL3
-  TRAFFIC SIGN
-  FLEXIBLE DELINEATOR @ 25 FT CTRS.
-  TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
-  TEMP. CONC. BARRIER W/ WALL MARKERS TYPE C @ 25 FT CTRS.

- ① EPOXY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
- ② EPOXY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
- ③ EPOXY PAVEMENT MARKING - LINE 6" (SKIP-DASH WHITE, 6' SKIP - 2' DASH)
- ④ EPOXY PAVEMENT MARKING - LINE 6" (SKIP-DASH WHITE, 30' SKIP - 10' DASH)
- ⑤ EPOXY PAVEMENT MARKING - LINE 8"

NOTES:

1. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE USED AT BOTH ENDS OF IMPROVEMENT. LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.



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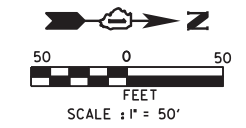
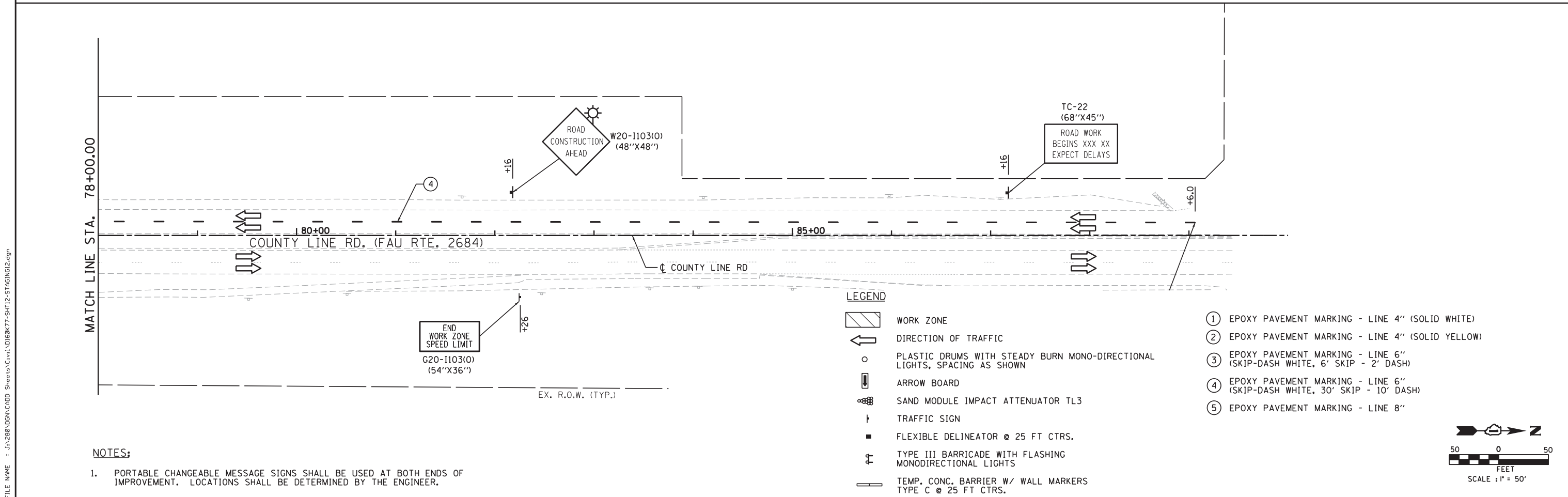
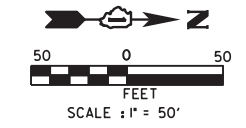
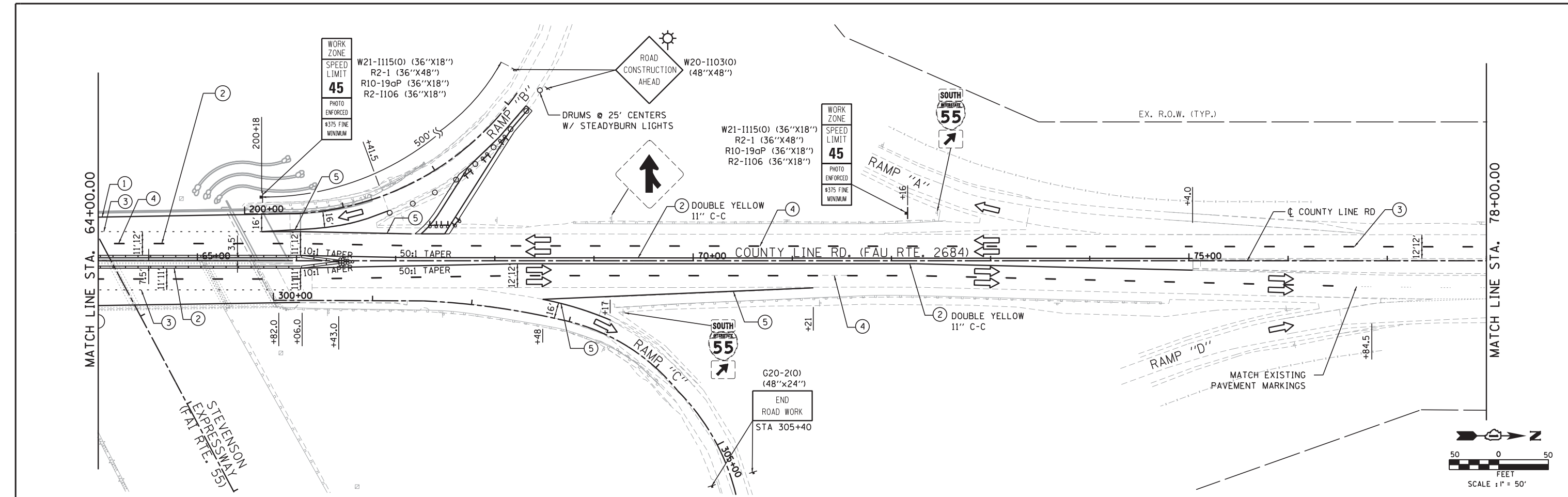
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
COUNTY LINE ROAD - WINTER STAGE**

SCALE: 1"=50' SHEET NO. 11 OF 16 SHEETS STA. 40+00.00 TO STA. 64+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	41

CONTRACT NO. 60K77
FED. ROAD, DIST. NO. 1 ILLINOIS FED. AID PROJECT



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NOTES:
 1. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE USED AT BOTH ENDS OF IMPROVEMENT. LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.

- LEGEND**
- WORK ZONE
 - DIRECTION OF TRAFFIC
 - PLASTIC DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHTS, SPACING AS SHOWN
 - ARROW BOARD
 - SAND MODULE IMPACT ATTENUATOR TL3
 - TRAFFIC SIGN
 - FLEXIBLE DELINEATOR @ 25 FT CTRS.
 - TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
 - TEMP. CONC. BARRIER W/ WALL MARKERS TYPE C @ 25 FT CTRS.
- ① EPOXY PAVEMENT MARKING - LINE 4" (SOLID WHITE)
 - ② EPOXY PAVEMENT MARKING - LINE 4" (SOLID YELLOW)
 - ③ EPOXY PAVEMENT MARKING - LINE 6" (SKIP-DASH WHITE, 6' SKIP - 2' DASH)
 - ④ EPOXY PAVEMENT MARKING - LINE 6" (SKIP-DASH WHITE, 30' SKIP - 10' DASH)
 - ⑤ EPOXY PAVEMENT MARKING - LINE 8"












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PLOT DATE = 2/5/2013	CHECKED - IY	REVISED -
	DATE - 1/24/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL	
COUNTY LINE ROAD - WINTER STAGE	
SCALE: 1"=50'	SHEET NO. 12 OF 16 SHEETS STA. 64+00.00 TO STA. 90+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	42
CONTRACT NO. 60K77				
FED. ROAD. DIST. NO. 1 ILLINOIS FED. AID PROJECT				

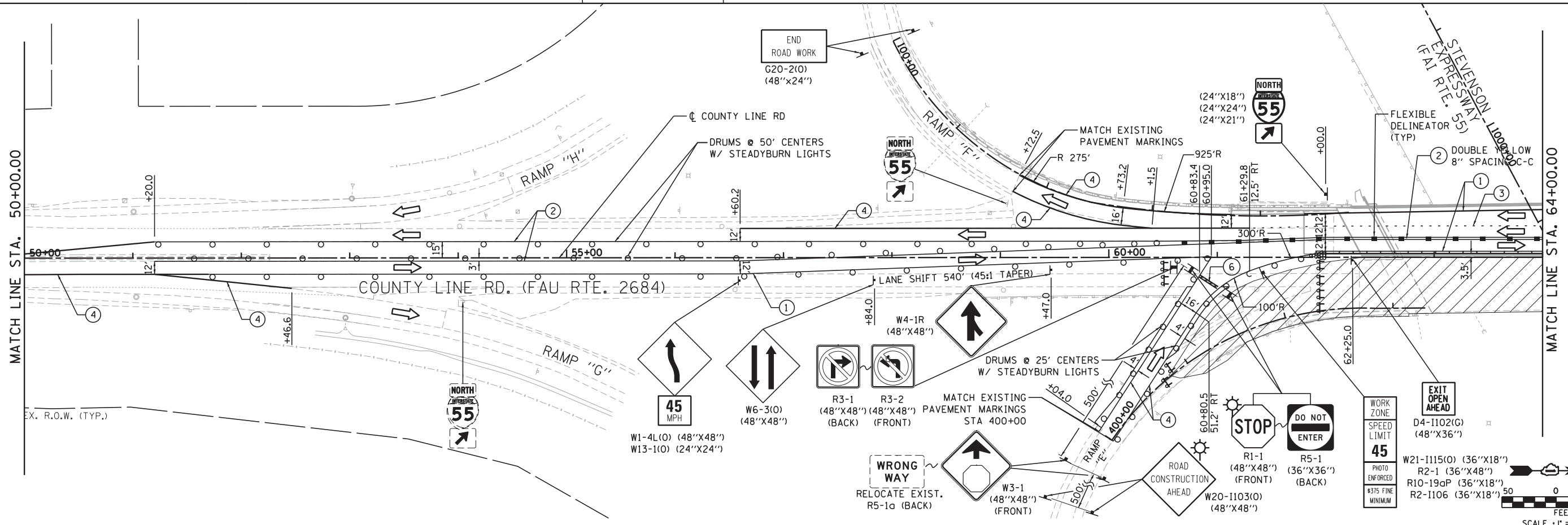
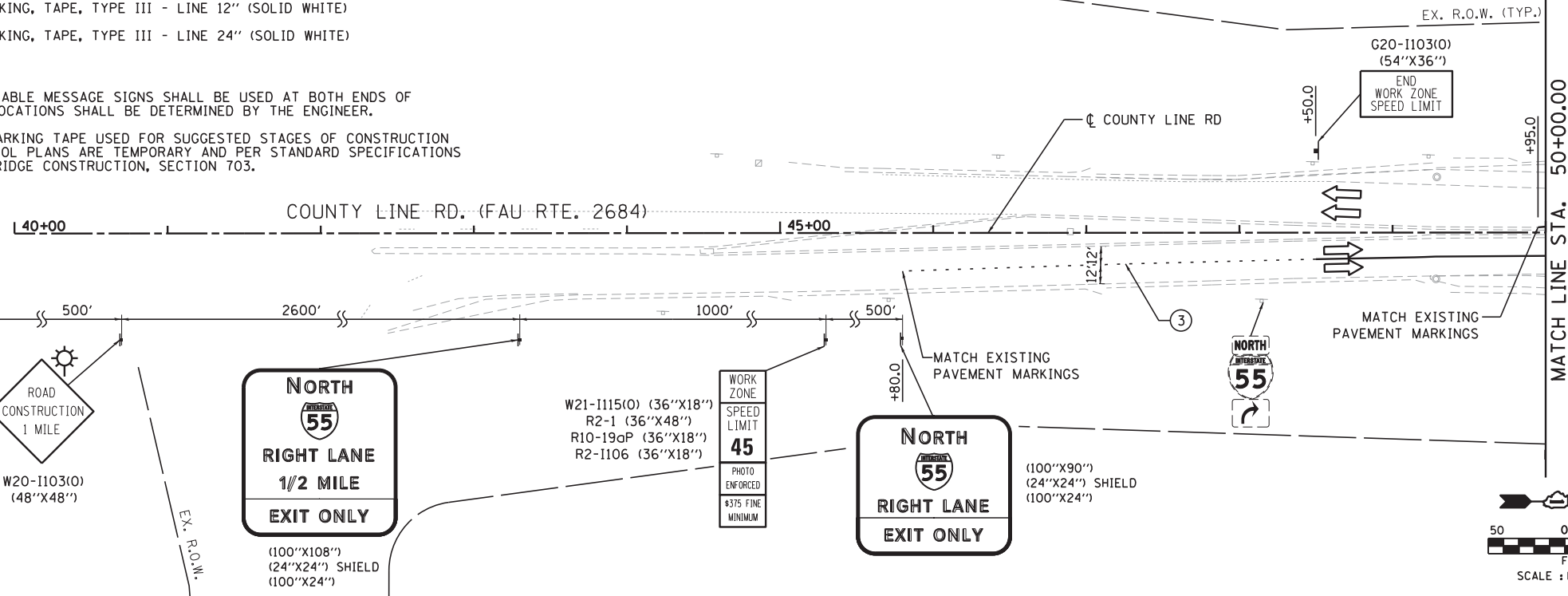
LEGEND

-  WORK ZONE
-  DIRECTION OF TRAFFIC
-  PLASTIC DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHTS, SPACING AS SHOWN
-  ARROW BOARD
-  SAND MODULE IMPACT ATTENUATOR TL3
-  TRAFFIC SIGN
-  FLEXIBLE DELINEATOR @ 25 FT CTRS.
-  TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
-  TEMP. CONC. BARRIER W/ WALL MARKERS TYPE C @ 25 FT CTRS.

- ① PAVEMENT MARKING TAPE, TYPE III - LINE 4" (SOLID WHITE)
- ② PAVEMENT MARKING TAPE, TYPE III - LINE 4" (SOLID YELLOW)
- ③ PAVEMENT MARKING TAPE, TYPE III - LINE 6" (SKIP-DASH WHITE, 6' SKIP - 2' DASH)
- ④ PAVEMENT MARKING TAPE, TYPE III - LINE 8" (SOLID WHITE)
- ⑤ PAVEMENT MARKING TAPE, TYPE III - LINE 12" (SOLID WHITE)
- ⑥ PAVEMENT MARKING TAPE, TYPE III - LINE 24" (SOLID WHITE)

NOTES:

1. PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE USED AT BOTH ENDS OF IMPROVEMENT. LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
2. ALL PAVEMENT MARKING TAPE USED FOR SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL PLANS ARE TEMPORARY AND PER STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 703.



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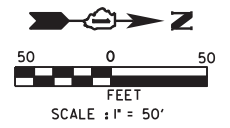
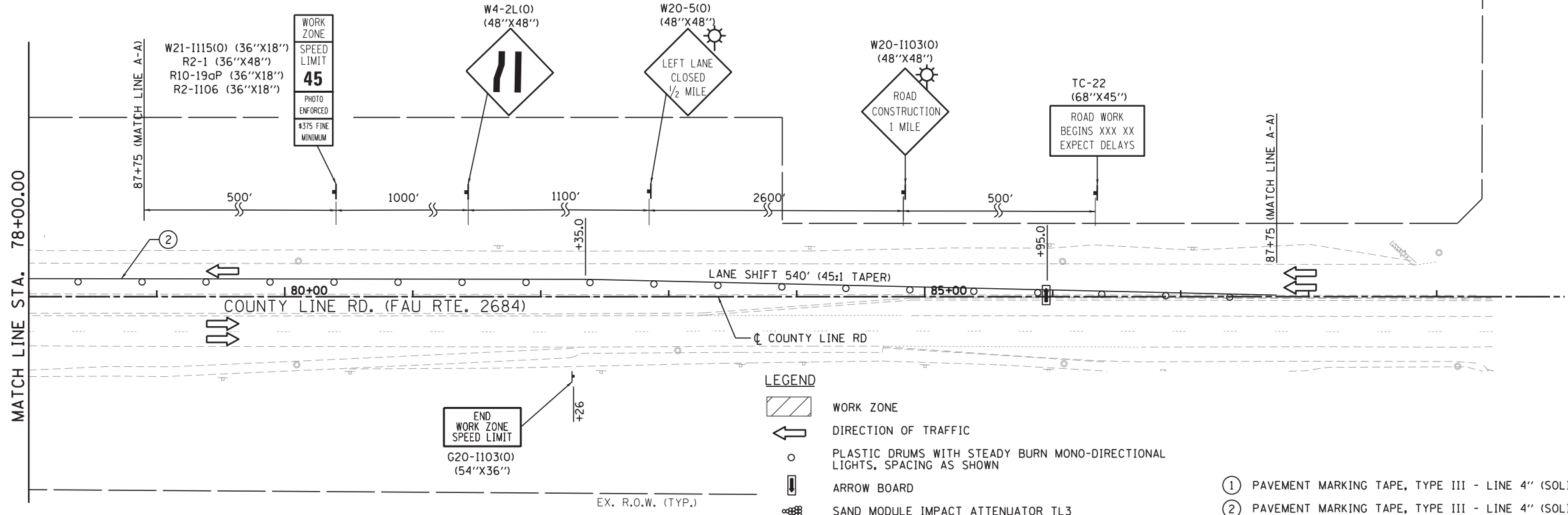
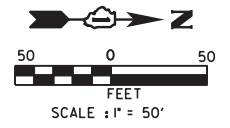
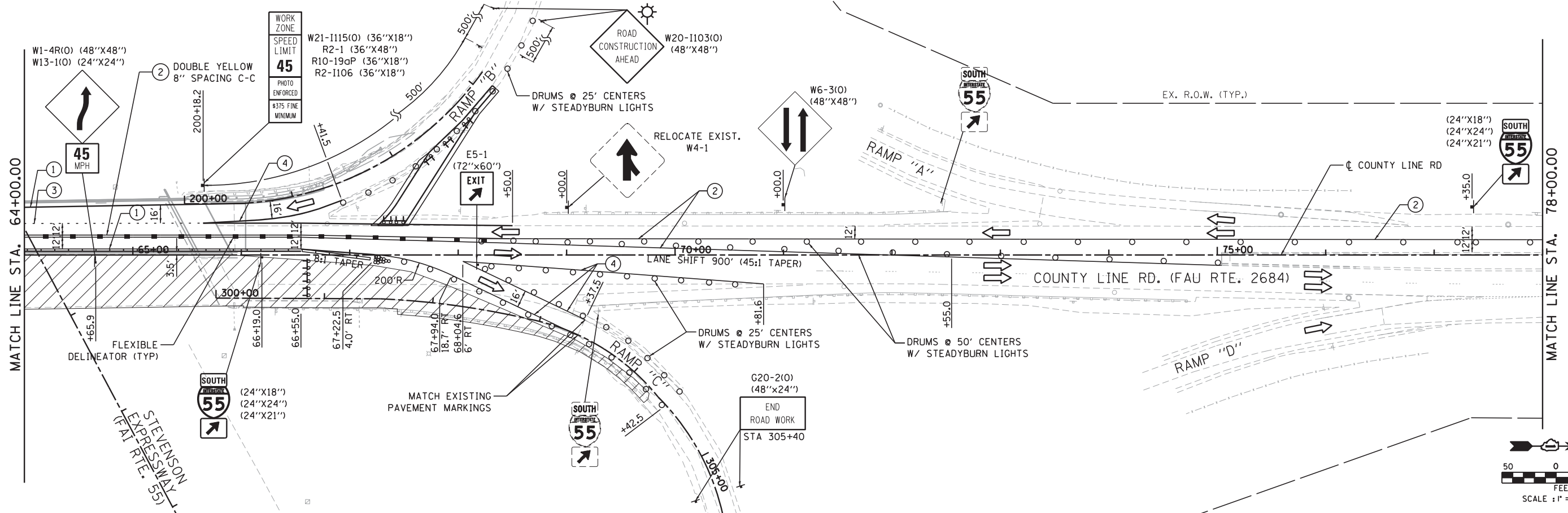
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	DATE - 1/24/2013	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
COUNTY LINE ROAD - STAGE 2**

SCALE: 1"=50' SHEET NO. 13 OF 16 SHEETS STA. 40+00.00 TO STA. 64+00.00

F.A.I. RTE. 55	SECTION 22-1HB-R	COUNTY COOK/DUPAGE	TOTAL SHEETS 161	SHEET NO. 43
CONTRACT NO. 60K77				
FED. ROAD. DIST. NO. 1 ILLINOIS FED. AID PROJECT				



NOTES:

- PORTABLE CHANGEABLE MESSAGE SIGNS SHALL BE USED AT BOTH ENDS OF IMPROVEMENT. LOCATIONS SHALL BE DETERMINED BY THE ENGINEER.
- ALL PAVEMENT MARKINGS TAPE USED FOR SUGGESTED STAGES OF CONSTRUCTION & TRAFFIC CONTROL PLANS ARE TEMPORARY AND PER STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION, SECTION 703.

LEGEND

- WORK ZONE
- DIRECTION OF TRAFFIC
- PLASTIC DRUMS WITH STEADY BURN MONO-DIRECTIONAL LIGHTS, SPACING AS SHOWN
- ARROW BOARD
- SAND MODULE IMPACT ATTENUATOR TL3
- TRAFFIC SIGN
- FLEXIBLE DELINEATOR @ 25 FT CTRS.
- TYPE III BARRICADE WITH FLASHING MONODIRECTIONAL LIGHTS
- TEMP. CONC. BARRIER W/ WALL MARKERS TYPE C @ 25 FT CTRS.

- ① PAVEMENT MARKING TAPE, TYPE III - LINE 4" (SOLID WHITE)
- ② PAVEMENT MARKING TAPE, TYPE III - LINE 4" (SOLID YELLOW)
- ③ PAVEMENT MARKING TAPE, TYPE III - LINE 6" (SKIP-DASH WHITE, 6' SKIP - 2' DASH)
- ④ PAVEMENT MARKING TAPE, TYPE III - LINE 8" (SOLID WHITE)
- ⑤ PAVEMENT MARKING TAPE, TYPE III - LINE 12" (SOLID WHITE)
- ⑥ PAVEMENT MARKING TAPE, TYPE III - LINE 24" (SOLID WHITE)

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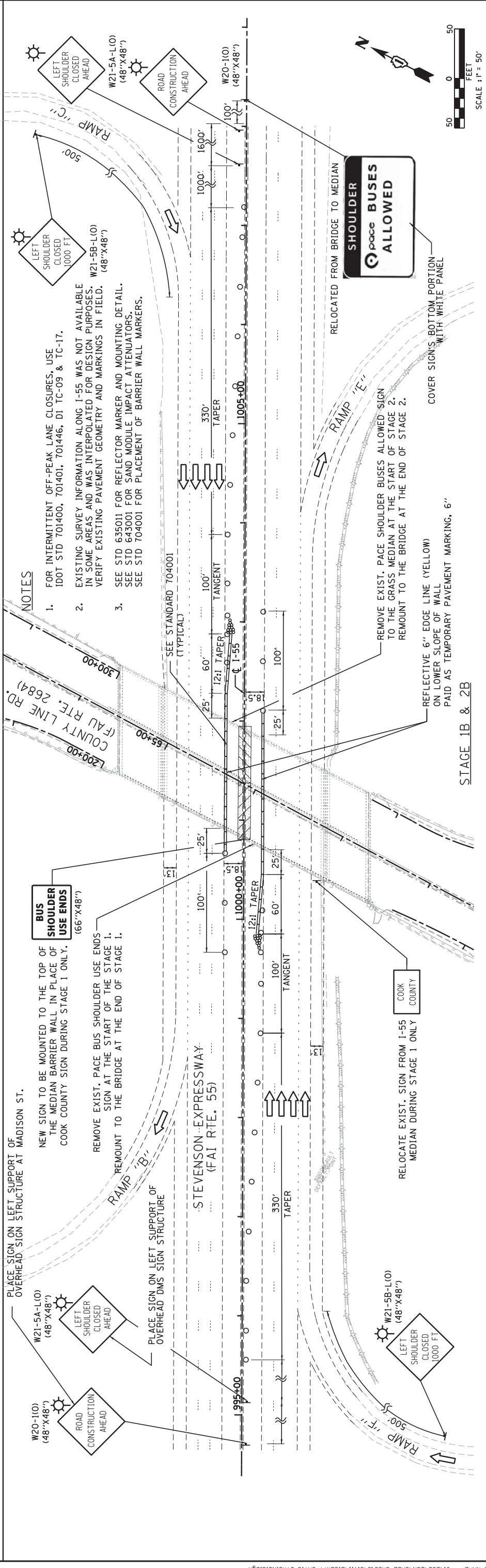
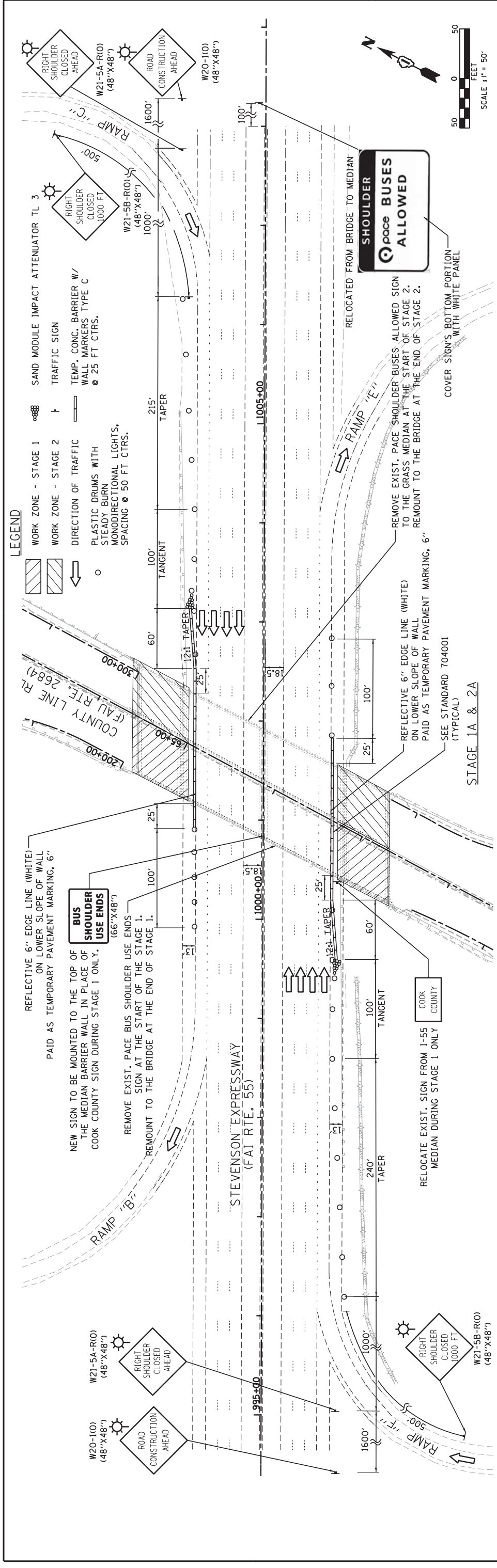


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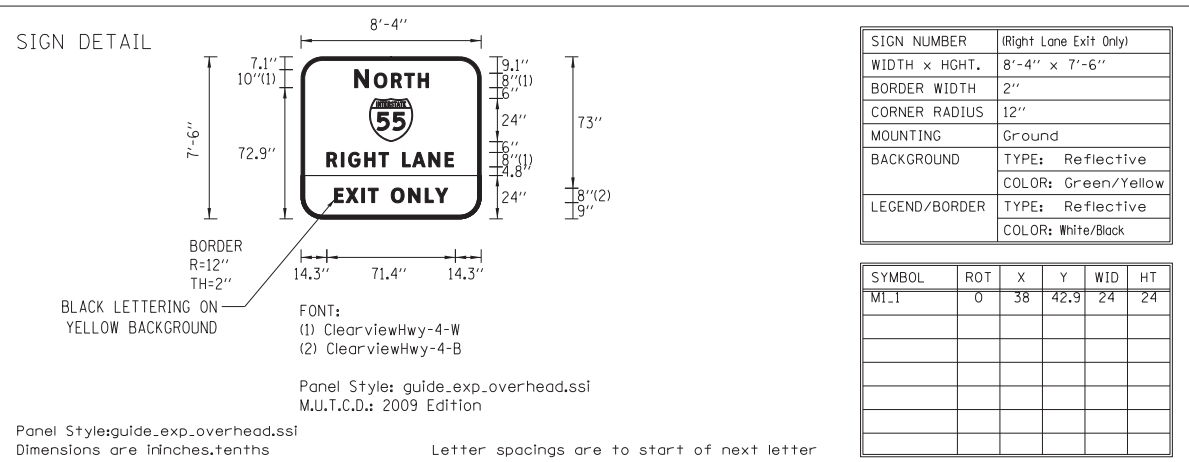
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
COUNTY LINE ROAD - STAGE 2
SCALE: 1"=50' SHEET NO. 14 OF 16 SHEETS STA. 64+00.00 TO STA. 90+00.00

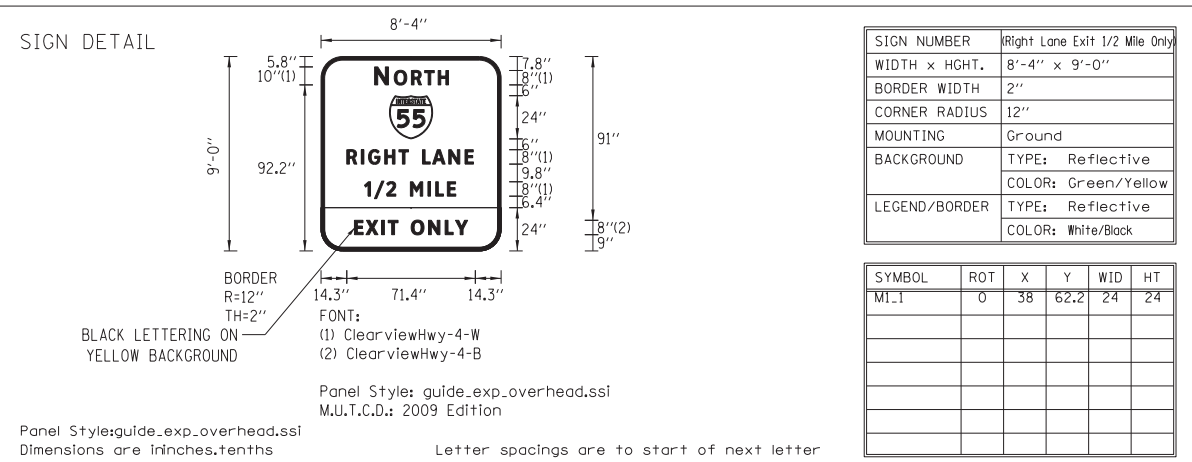
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	44
CONTRACT NO. 60K77				
FED. ROAD. DIST. NO. 1 ILLINOIS FED. AID PROJECT				



USER NAME = vpe/egr/mas	DESIGNED = VP	REVISION = 3/18/2013	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL I-55 SHOULDER CLOSURE - STAGE 1 AND STAGE 2	SECTION	TOTAL SHEETS	COUNTY SHEETS NO. 45 COOK/DUPAGE 161 CONTRACT NO. 60K77	
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PLOT DATE = 3/18/2013	CHECKED = IY	REVISION =			SCALE: 1"=50'	SHEET NO. 15 OF 16 SHEETS		TOTAL SHEETS 161
	DATE = 1/24/2013	REVISION =		STA. 995+00.00 TO STA. 1008+00.00			FILE NAME = J:\280\DCN\CADD Sheets\C1\1\1016\K77-SHT15-STAG15.dgn	



LETTER POSITIONS (X)											LENGTH	SERIES/SIZE		
N	O	R	T	H								ClearviewHwy-4-W		
29.8	7.7	3.2	9.6	7.3	7.5	5.7	29.3				41	10,8		
R	I	G	H	T	L	A	N	E					ClearviewHwy-4-W	
14.3	8.1	4	9	7.9	5.4	7.8	5.6	9	9	4.7	1	14.3	71.4	8
E	X	I	T	O	N	L	Y							ClearviewHwy-4-B
18.6	6.4	8.7	3.7	5.5	7.3	9.6	9.2	5.8	6.8	18.6			62.9	8



LETTER POSITIONS (X)											LENGTH	SERIES/SIZE		
N	O	R	T	H								ClearviewHwy-4-W		
29.8	7.7	3.2	9.6	7.3	7.5	5.7	29.2				41	10,8		
R	I	G	H	T	L	A	N	E					ClearviewHwy-4-W	
14.3	8.1	4	9	7.9	5.4	7.8	5.6	9	9	4.7	1	14.3	71.4	8
I	/	2	M		I	L	E							ClearviewHwy-4-W
24.1	5.5	6.8	5.1	8.1	9.7	4.3	6.5	4.7	25.2				50.7	8
E	X	I	T	O	N	L	Y							ClearviewHwy-4-B
18.6	6.4	8.7	3.7	5.5	7.3	9.6	9.2	5.8	6.8	18.6			62.9	8



LETTER POSITIONS (X)											LENGTH	SERIES/SIZE		
B	U	S										ClearviewHwy-3-B		
22.8	7.6	7.5	5.3	22.8								20.4	8	
S	H	O	U	L	D	E	R						ClearviewHwy-3-B	
3.9	7.3	7.8	9	8.1	6.1	8.1	6.6	5.5	3.8				58.3	8
U	S	E	E	N	D	S							ClearviewHwy-3-B	
6.1	7.5	7.3	4.6	6.8	6.6	8.4	7.5	5.3	6.1				53.9	8

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	DATE - 1/24/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUGGESTED STAGES OF CONSTRUCTION AND TRAFFIC CONTROL			
TEMPORARY SIGN PANELS			
SCALE: N/A	SHEET NO. 16 OF 16 SHEETS	STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R		161	46
CONTRACT NO. 60K77				
FED. ROAD. DIST. NO. 1 ILLINOIS FED. AID PROJECT				

EROSION AND SEDIMENT CONTROL NOTES:

1. ALL CONTROL MEASURES NECESSARY MUST MEET THE MINIMUM REQUIREMENTS AS DESCRIBED IN THE LATEST "EROSION AND SEDIMENT CONTROL FIELD GUIDE FOR CONSTRUCTION INSPECTION, DATED JULY 1ST, 2010, BY THE ILLINOIS DEPARTMENT OF TRANSPORTATION. ADDITIONAL DETAILS AND BMPs ARE ALSO AVAILABLE AND CAN BE UTILIZED AS SHOWN IN THE ILLINOIS URBAN MANUAL, REVISED TO LATEST VERSION AS AMENDED.
2. ALL THE SOIL EROSION AND SEDIMENT CONTROL FEATURES MUST BE CONSTRUCTED PRIOR TO THE COMMENCEMENT OF UPLAND DISTURBANCE. SOIL DISTURBANCE MUST BE PHASED OR ENACTED IN SUCH A MANNER AS TO MINIMIZE EROSION. SOIL STABILIZATION MEASURES MUST CONSIDER THE TIME OF YEAR, SITE CONDITIONS AND THE USE OF TEMPORARY AND/OR PERMANENT MEASURES.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ENSURE THAT SEDIMENT TRANSPORT OF THE SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND WITH THE INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL SCHEDULE BEING IMPLEMENTED BY THE CONTRACTOR OF WHICH APPROVED BY THE ENGINEER, WILL BE ON THE CONSTRUCTION SITE AT ALL TIMES.
4. ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL MINIMIZE THE OFF-SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITIES.
5. ALL PERMANENT SEDIMENT AND STORM WATER CONTROL MEASURES AND RUNOFF CONTROL MEASURES REQUIRED TO KEEP OFF-SITE RUNOFF FROM FLOWING OVER THE CONSTRUCTION AREA WILL BE INSTALLED BEFORE CLEARING AND STRIPPING OF THE SITE HAPPENS. PRIOR TO PROCEEDING WITH GENERAL EARTHWORK ON THE PROJECT, THE CONTRACTOR SHALL OBTAIN APPROVAL OF HIS EARTHWORK AND SITE STABILIZATION SCHEDULE.
6. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION ACTIVITY, THE AREA WILL BE STABILIZED (USING PERMANENT MEASURES WHEN POSSIBLE) WITHIN 7 CALENDAR DAYS.
7. THE CONTRACTOR MUST CLEAN UP, GRADE THE WORK AREA AS THE PROJECT PROGRESSES, AND INSTALL EROSION PROTECTION TO ELIMINATE THE CONCENTRATION OF RUNOFF, OR MUST INSTALL APPROPRIATE SEDIMENT CONTROL DEVICES TO TRAP SEDIMENT. PAVEMENT MUST BE CLEANED DAILY OR AS NECESSARY TO REMOVE EARTHEN MATERIAL TO THE SATISFACTION OF THE ENGINEER OR AUTHORIZED IDOT PERSONNEL.
8. STABILIZATION OF CUT OR FILL SLOPES WITH TEMPORARY OR PERMANENT EROSION CONTROL MEASURES IS REQUIRED WHENEVER THE CUT OR FILL ACTIVITY REACHES 10-FT VERTICALLY OR FINISHED SLOPE EQUALS TO 30-FT, WHICHEVER IS MORE RESTRICTIVE. ONCE THE STABILIZATION MEASURES ARE INSTALLED, THE PLACEMENT OF FILL EXCAVATION ACTIVITIES ARE ALLOWED TO PROCEED.
9. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES TO BE RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL THE DISTURBED AREAS THROUGHOUT THE PROJECT.
10. THE CONTRACTOR'S REPRESENTATIVE HAS TO BE KNOWLEDGEABLE ABOUT INSTALLATION AND MAINTENANCE OF THE REQUIRED MEASURES AND HAVE TAKEN AN ILLINOIS DEPARTMENT OF TRANSPORTATION OR APPROVED EQUAL EROSION AND SEDIMENT CONTROL COURSE. THIS PERSON SHALL HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTION CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN PROVIDED BY THE ENGINEER. THIS INDIVIDUAL AND THE ENGINEER MUST MAKE INSPECTIONS A MINIMUM OF ONCE EVERY SEVEN DAYS OF THE FOLLOWING:
 - A. DISTURBED AREAS OF THE PROJECT SITE THAT HAVE NOT BEEN FULLY STABILIZED.
 - B. STRUCTURAL CONTROL MEASURES (SUCH AS PERIMETER EROSION BARRIER, ETC.)
 - C. LOCATIONS WHERE VEHICLES ENTER OR EXIT THE PROJECT SITE.
 - D. AN ADDITIONAL INSPECTION OF THE ITEMS LISTED ABOVE MUST BE MADE 24-HOURS AFTER A RAINFALL OR EQUIVALENT SNOWFALL EVENT GREATER THAN 0.5-INCH.
11. THE CONTRACTOR'S REPRESENTATIVE AND THE ENGINEER MUST KEEP A WRITTEN REPORT SUMMARIZING THE REQUIRED INSPECTIONS TAKEN PLACE. THE REPORTS MUST BE KEPT AT THE SITE DURING CONSTRUCTION. THE REPORTS MUST ALSO BE RETAINED FOR THREE YEARS FROM THE DATE THE SITE IS FINALLY STABILIZED.

12. ALL THE EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED DURING THE CONSTRUCTION SEASON, AS WELL AS OVER THE WINTER SHUTDOWN PERIOD AND OTHER DAYS WHEN THE PROJECT IS CLOSED DOWN FOR A LONGER DURATION. ANY CONTROL MEASURES FILLED MORE THAN 75% MUST BE CLEANED AND RESET AND THESE SPOILS REMOVED TO AN APPROVED SITE.

13. SALVAGED TOPSOIL SHALL BE PLACED ON WELL DRAINED LAND AWAY FROM INTERMITTENT AND ACTIVE DRAINAGE PATH WITH THE APPROPRIATE RUNOFF CONTROL AND SEDIMENT CONTROL MEASURES INSTALLED AROUND THE STORAGE SITE, AND STABILIZED IMMEDIATELY AFTER FINAL SHAPING OF THE STOCKPILE IN ACCORDANCE WITH THE METHOD APPROVED BY IDOT. THE CONTRACTOR WILL PROVIDE AN ADEQUATE QUANTITY OF SILT FENCE TO CONTROL THE PERIMETER OF THE STOCKPILE.

14. EXCAVATION TO BE USED FOR EMBANKMENTS SHALL NOT BE STOCKPILED UNLESS PERIMETER CONTROLS ARE UTILIZED. WHEN THIS MATERIAL IS STOCKPILED FOR THE CONVENIENCE OF THE CONTRACTOR, THE COST OF THE CONTROLS WILL BE BORNE BY THE CONTRACTOR. IF THE MATERIAL IS STOCKPILED AT THE DIRECTION OF THE ENGINEER, THE DEPARTMENT WILL ASSUME THE COST OF INSTALLING AND MAINTAINING OF THE CONTROLS.

15. ANY SEDIMENT LADEN DEWATERING DISCHARGE MUST BE DIRECTED TO AN APPROVED SEDIMENT TRAPPING CONTROL MEASURE PRIOR TO RELEASE FROM THE PROJECT SITE.

16. NO WORK IS ALLOWED BEYOND THE PERMITTED AREA, ANY WORK WITHIN A SWALE OR DITCH CAPABLE OF CONVEYING WATER MUST BE CONDUCTED IN THE DRY. PROVISIONS MUST BE MADE TO BYPASS PUMP OR DEWATER ANY AREAS IN WHICH WORK WILL BE CONDUCTED. IN HIGH FLOW CHANNELS WHERE DEWATERING IS NOT POSSIBLE OR PRACTICAL, SILT FENCE OR SEDIMENT CURTAINS MAY BE INSTALLED PARALLEL TO THE STREAM BANK. IN NO CASE WILL THE CURTAINS BE INSTALLED PERPENDICULAR TO THE FLOW.

17. IF AND/OR WHEN THE CONTRACTOR WERE TO REQUEST A CHANGE TO POSTPONE COMPLETION OF THE EXCAVATION OF A SPECIFIC AREA AS A CONTINUOUS OPERATION AND PLACING THE TOPSOIL AS DEFINED IN THE STANDARD SPECIFICATIONS, THE ENGINEER MAY ALLOW THE CONTRACTOR TO STABILIZE THE AREA USING TEMPORARY STABILIZATION WITH STRAW MULCH 25 FEET AWAY FROM THE SHOULDER OF THE ROAD PROVIDING THE FOLLOWING CONDITIONS ARE MET:

- A. ALL AREAS BEING STABILIZED ARE 3:1 SLOPES OR FLATTER
- B. THE CONTRACTOR BEARS THE COST OF PREPARING THE SEED BED AND STABILIZING THE AREA WITH TEMPORARY STABILIZATION WITH MULCH METHOD 2.
- C. ALL REQUIRED SEDIMENT CONTROL MEASURES FOR THE SECTION OF ROAD IN QUESTION HAVE BEEN INSTALLED AND ARE BEING MAINTAINED.

18. SEEDING USAGE

CLASS 2A:

USED AT FINAL DISTURBED CONSTRUCTION AREAS INDICATED ON THE PLANS.

CLASS 7:

USED ON LONG TERM TEMPORARY SEEDING AND FOR WINTER SHUTDOWN IN PLACE OF TEMPORARY EROSION CONTROL SEEDING.

TEMPORARY EROSION CONTROL SEEDING:

USED IN AREAS REQUIRING SHORT TERM TEMPORARY SEEDING DURING CONSTRUCTION.

19. TOPSOIL PLACEMENT:

TOPSOIL WILL BE PLACED ON FINAL SLOPES WHICH WILL NOT BE DISTURBED BY FUTURE CONSTRUCTION. TOPSOIL WILL NOT BE PLACED ON SURFACES WHICH WILL BE PAVED IN THE FUTURE NOR ON TEMPORARY STEEP SLOPES.

20. IN AREAS WHERE A PERMANENT VEGETATIVE COVER IS PRACTICABLE AND INCLUDED IN THE CONTRACT DOCUMENTS, A SPECIAL EFFORT SHOULD BE MADE TO ESTABLISH A COVER AS SOON AS A DISTURBED AREA IS BROUGHT TO FINAL GRADE.

21. THE CONTRACTOR MUST COOPERATE WITH THE ENGINEER AND HIS/HER REPRESENTATIVE WHO WILL MAKE THE SITE VISITS TO REVIEW THE COMPLIANCE OF THE PLAN IN THE FIELD AND AUDIT IF NECESSARY AND PREPARE THE LOGS AND RECORDS WHEN REQUIRED AND SUBMIT TO IDOT AND/OR APPROPRIATE AGENCIES.

22. PERIMETER EROSION BARRIER SHOULD BE ERECTED ALONG THE DRIPLINE OF THE TREES AND SHRUBS WITHIN THE LIMITS OF CONSTRUCTION DESIGNATED TO REMAIN TO ESTABLISH A TREE PROTECTION ZONE AND AROUND EXISTING WETLANDS TO ESTABLISH A WETLAND PROTECTION ZONE BEFORE ANY WORK BEGINS OR ANY MATERIAL IS DELIVERED TO THE JOBSITE. NO WORK IS TO BE PERFORMED (OTHER THAN ROOT PRUNING), MATERIALS STORED OR VEHICLES DRIVEN OR PARKED WITHIN THE TREE PROTECTION ZONE AND WETLAND PROTECTION ZONE. REMOVE PROTECTIVE PERIMETER EROSION BARRIER ONLY AFTER ALL CONSTRUCTION WORK HAS BEEN COMPLETED.

23. THE INSTALLATION, MAINTENANCE, REMOVAL AND RESTORATION OF THE AREA DISTURBED BY THE PLACEMENT OF THE PERIMETER EROSION BARRIER ARE INCLUDED IN THE CONTRACT UNIT PRICE FOR PERIMETER EROSION BARRIER. AFTER ALL PERIMETER EROSION BARRIER IS REMOVED, THE AREAS DAMAGED BY THE PERIMETER EROSION CONTROL BARRIER MUST BE RESTORED TO ITS ORIGINAL CONDITIONS.

SOIL PROTECTION SCHEDULE:

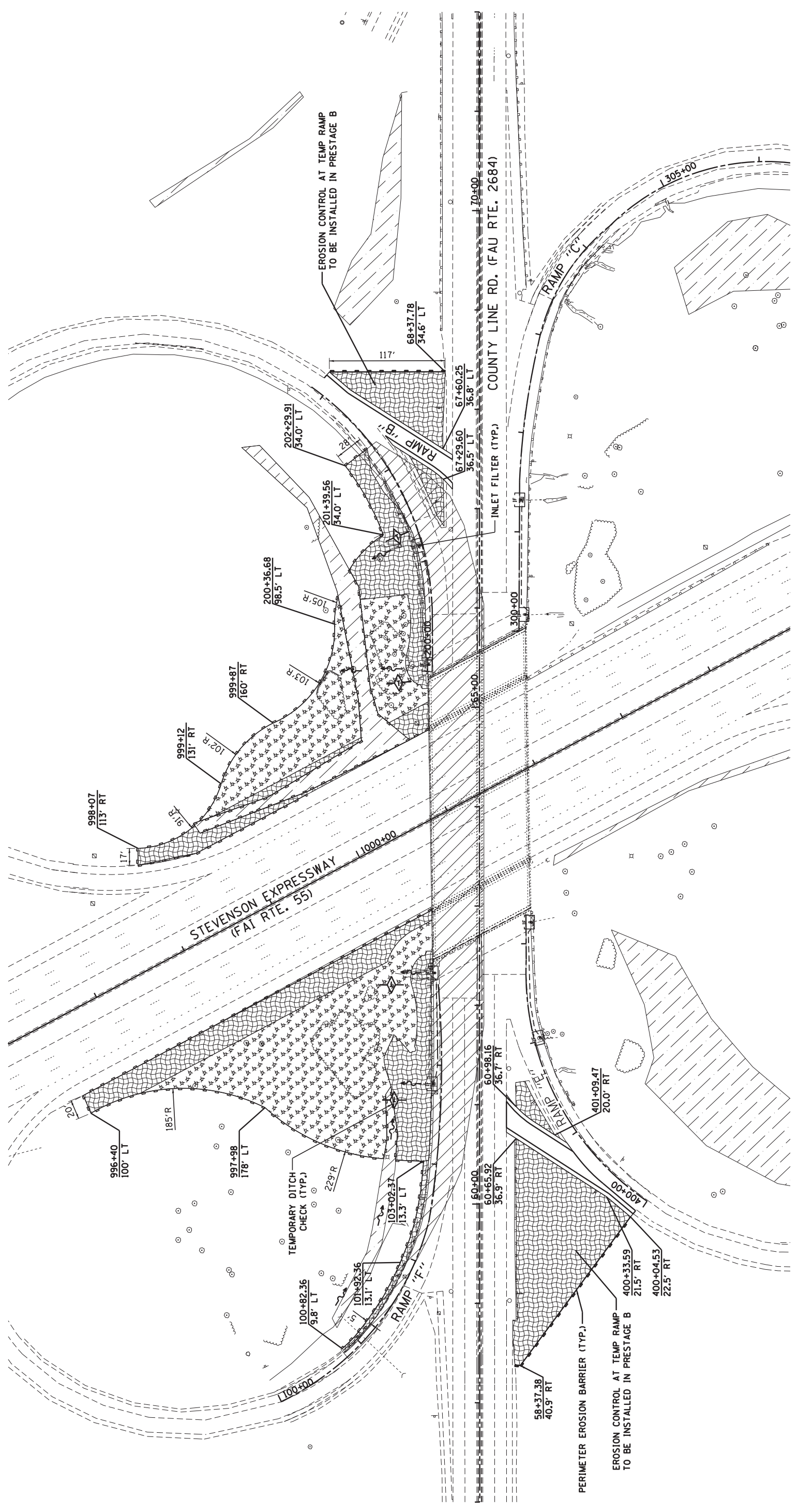
STABILIZATION TYPE	JAN.	FEB.	MAR.	APR.	MAY	JUN.	JUL.	AUG.	SEP.	OCT.	NOV.	DEC.
PERMANENT SEEDING						→					→	
DORMANT SEEDING			→							→		
TEMPORARY SEEDING										→		
EROSION BLANKET/ HYDROMULCH											→	

EROSION AND SEDIMENT CONTROL STRATEGY:

1. ERECT PERIMETER EROSION BARRIER AS SHOWN ON THE PLANS.
2. ESTABLISH STABILIZED CONSTRUCTION ENTRANCES.
3. CLEAR AND GRUB, REMOVE EXISTING TREES AND BRUSHES AS NECESSARY.
4. INSTALL INLET FILTERS AS SHOWN ON PLANS.
5. STABILIZE DISTURBED AREAS WITH TEMPORARY EROSION CONTROL MEASURES, THEN EROSION CONTROL BLANKET (SPECIAL) WITH PERMANENT SEEDING AS SHOWN ON PLANS.
6. INSPECT AND MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES FOR THE DURATION OF CONSTRUCTION.
7. WHEN FINAL STABILIZATION IS ESTABLISHED, REMOVE ALL TEMPORARY MEASURES.

HIGHWAY STANDARDS:

STD. NO. TITLE
280001-06 TEMPORARY EROSION CONTROL SYSTEMS

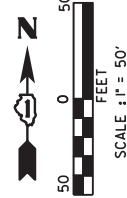


NOTES

1. SEE SHEET ESC-1 FOR NOTES, SOIL PROTECTION SCHEDULES, STRATEGY, AND STANDARDS.
2. EROSION CONTROL MEASURES SHALL BE PROVIDED FOR ALL EXISTING AND PROPOSED INLET STRUCTURES WITHIN THE CONSTRUCTION LIMITS. THE TEMPORARY CONTROL MEASURES SHOULD NOT BE REMOVED UNTIL SUBSTANTIAL GROWTH OF THE GRASS HAS BEEN ESTABLISHED.
3. SEE SHEET LND-1 FOR PERMANENT EROSION CONTROL AND PROPOSED LANDSCAPING.
4. SEE NOTE 17 ON SHEET ESC-1 FOR ADDITIONAL INFORMATION ON MULCH AND EROSION CONTROL BLANKET USAGE.

EROSION CONTROL LEGEND

- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- WORK ZONE (STAGE 2)
- INLET FILTERS
- DITCH FLOW
- TEMPORARY SEEDING WITH MULCH, METHOD 2
- TEMPORARY SEEDING WITH EROSION CONTROL BLANKET
- WETLANDS



USER NAME = vpe\legrmas	DESIGNED - CL	3/18/2013
PLOT SCALE = 58.0000 / 1" = 100'	DRAWN - CL	REVISIONS
PLOT DATE = 3/19/2013	CHECKED - IY	REVISIONS
	DATE - 1/24/2013	REVISIONS

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

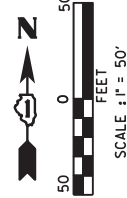
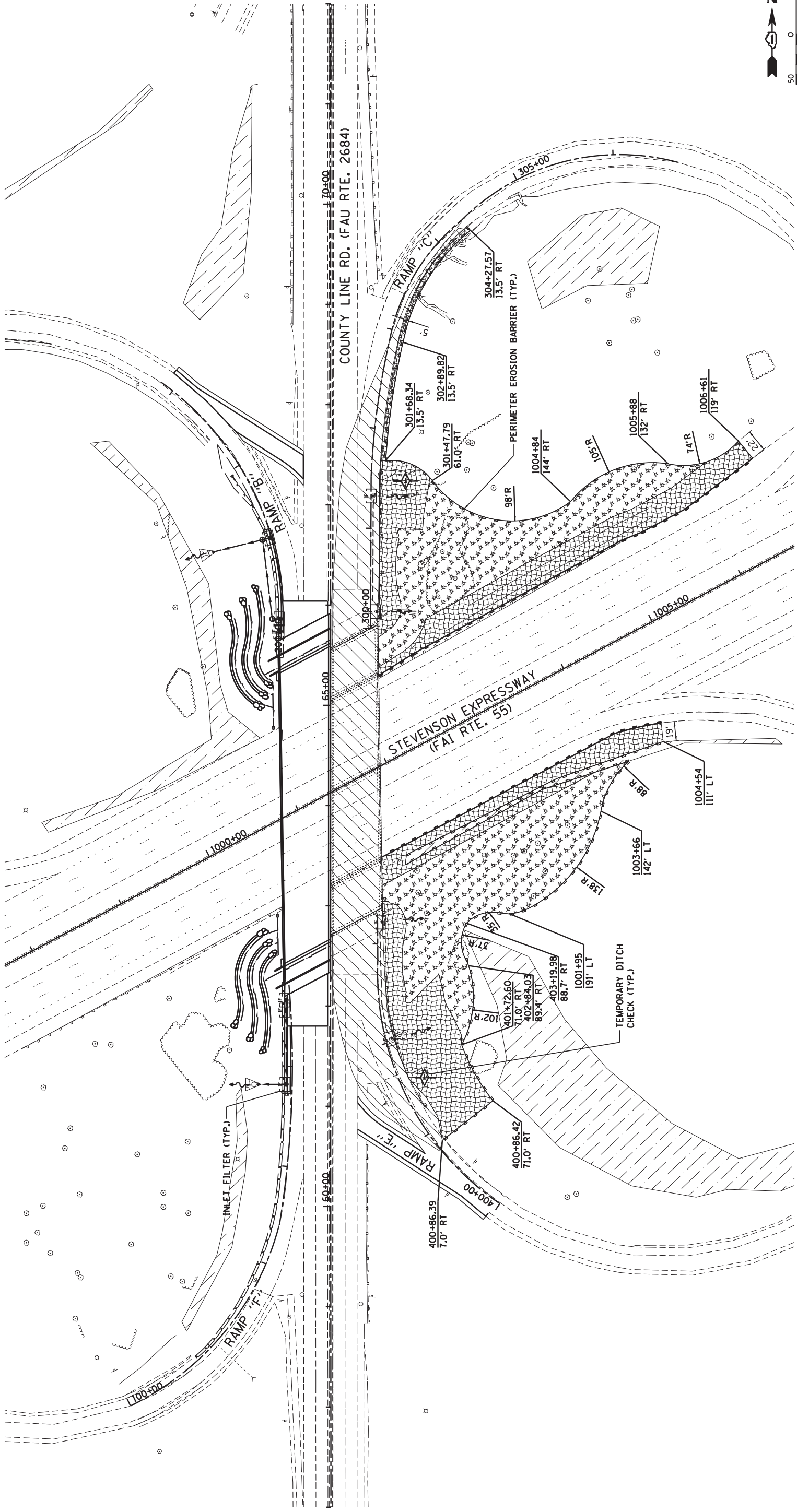
EROSION AND SEDIMENT CONTROL PLAN		SHEET NO. 2 OF 4 SHEETS		STA. 57+00.00 TO STA. 72+00.00	
TEMPORARY CONDITION - STAGE 1					
F.A.I. RTE. 55	SECTION 22-IHB-R	COUNTY COOK/DUPAGE	TOTAL SHEETS 161	CONTRACT NO. 60K77	FED. ROAD, DIST. NO. 1 ILLINOIS FED. AID PROJECT

NOTES

1. SEE SHEET ESC-1 FOR NOTES, SOIL PROTECTION SCHEDULES, STRATEGY, AND STANDARDS.
2. EROSION CONTROL MEASURES SHALL BE PROVIDED FOR ALL EXISTING AND PROPOSED INLET STRUCTURES WITHIN THE CONSTRUCTION LIMITS. THE TEMPORARY CONTROL MEASURES SHOULD NOT BE REMOVED UNTIL SUBSTANTIAL GROWTH OF THE GRASS HAS BEEN ESTABLISHED.
3. SEE SHEET LND-1 FOR PERMANENT EROSION CONTROL AND PROPOSED LANDSCAPING.
4. SEE NOTE 17 ON SHEET ESC-1 FOR ADDITIONAL INFORMATION ON MULCH AND EROSION CONTROL BLANKET USAGE.

EROSION CONTROL LEGEND

- DITCH FLOW
- TEMPORARY SEEDING WITH MULCH, METHOD 2
- TEMPORARY SEEDING WITH EROSION CONTROL BLANKET
- WETLANDS
- TEMPORARY DITCH CHECK
- PERIMETER EROSION BARRIER
- WORK ZONE (STAGE 2)
- INLET FILTERS

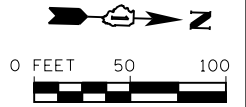


USER NAME = vpe\legrimas	DESIGNED - CL	3/18/2013
PLOT SCALE = 58.0000' / 1\"/>		

REVISION	DATE
REVIS	3/18/2013
REVIS	
REVIS	
REVIS	

STATE OF ILLINOIS		EROSION AND SEDIMENT CONTROL PLAN	
DEPARTMENT OF TRANSPORTATION		TEMPORARY CONDITION - STAGE 2	
SCALE: 1" = 50'	SHEET NO. 2 OF 4 SHEETS	STA. 57+00.00 TO STA. 72+00.00	

F.A.I. RTE. 55	SECTION 22-1HB-R	COUNTY COOK/DUPAGE	TOTAL SHEETS 161
FED. ROAD, DIST. NO. 1 ILLINOIS FED. AID PROJECT			SHEET NO. 161
			CONTRACT NO. 60K77



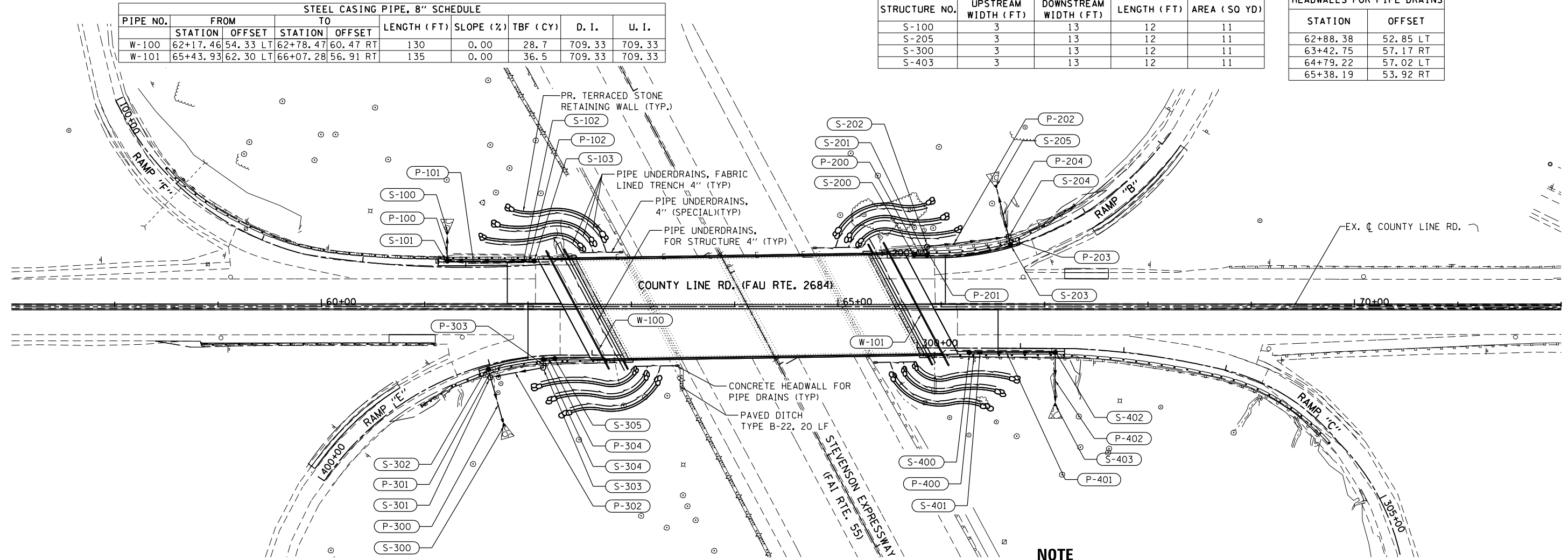
PROPOSED DRAINAGE STRUCTURE SCHEDULE								
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM ELEV	INV (N)	INV (S)	INV (W)	INV (E)
S-100	METAL END SECTIONS	61+21.85	68.96' LT	-				698.00
S-101	CB, T-A, 4' -DIA, TY 24 F&G	61+21.91	44.27' LT	713.01	708.92		708.92	
S-102	INL, T-B, TY 24 F&G	61+95.93	44.29' LT	713.88	709.71	709.71		
S-103	CB, T-C, TY 24 F&G	62+06.00	44.30' LT	713.82		709.82		
S-200	CB, T-C, TY 24 F&G	65+73.72	50.27' LT	714.25	710.25			
S-201	CB, T-A, 4' -DIA, TY 24 F&G	65+86.19	50.07' LT	714.23		710.13	710.13	
S-202	MH, T-A, 4' -DIA, TY 1 FR, CLID	65+86.19	58.07' LT	713.00	709.00			709.00
S-203	CB, T-C, TY 24 F&G	66+67.13	60.25' LT	712.59			708.59	
S-204	MH, T-A, 4' -DIA, TY 1 FR, CLID	66+65.19	68.02' LT	712.20		708.20	706.20	708.20
S-205	METAL END SECTIONS	66+53.67	114.21' LT	-				692.00

PROPOSED STORM SEWER PIPE SCHEDULE									
PIPE NO.	FROM	TO	LENGTH (FT)	DIA (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)	D. I.	U. I.
P-100	S-101	S-100	25	12	PIPE DRAINS	39.68	0.6	698.00	707.92
P-101	S-102	S-101	74	12	CLASS A, TYPE 2	1.10	12.0	708.92	709.71
P-102	S-103	S-102	10	12	CLASS A, TYPE 2	1.10	1.6	709.71	709.82
P-200	S-200	S-201	13	12	CLASS A, TYPE 2	1.00	0.0	710.13	710.25
P-201	S-201	S-202	8	12	CLASS A, TYPE 2	14.10	1.4	709.00	710.13
P-202	S-202	S-204	80	12	CLASS A, TYPE 2	1.00	0.0	708.20	709.00
P-203	S-203	S-204	8	12	CLASS A, TYPE 2	4.90	1.5	708.20	708.59
P-204	S-204	S-205	48	12	PIPE DRAINS	29.58	0.6	692.00	706.20

STEEL CASING PIPE, 8" SCHEDULE									
PIPE NO.	FROM		TO		LENGTH (FT)	SLOPE (%)	TBF (CY)	D. I.	U. I.
	STATION	OFFSET	STATION	OFFSET					
W-100	62+17.46	54.33 LT	62+78.47	60.47 RT	130	0.00	28.7	709.33	709.33
W-101	65+43.93	62.30 LT	66+07.28	56.91 RT	135	0.00	36.5	709.33	709.33

PROPOSED STONE RIPRAP, CLASS A3 AND FILTER FABRIC SCHEDULE				
STRUCTURE NO.	UPSTREAM WIDTH (FT)	DOWNSTREAM WIDTH (FT)	LENGTH (FT)	AREA (SQ YD)
S-100	3	13	12	11
S-205	3	13	12	11
S-300	3	13	12	11
S-403	3	13	12	11

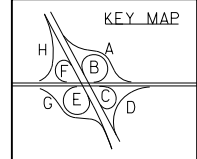
PROPOSED CONCRETE HEADWALLS FOR PIPE DRAINS	
STATION	OFFSET
62+88.38	52.85 LT
63+42.75	57.17 RT
64+79.22	57.02 LT
65+38.19	53.92 RT



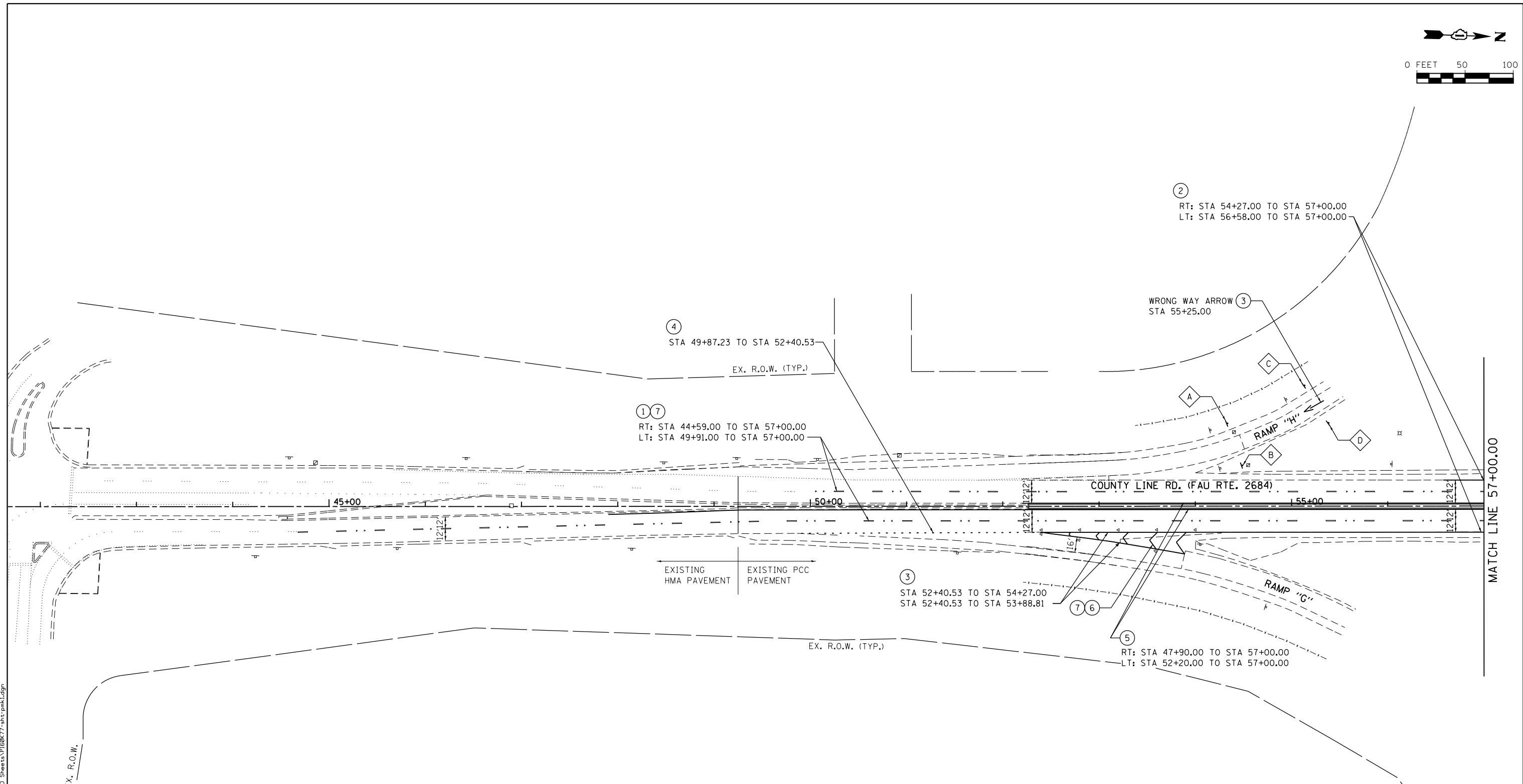
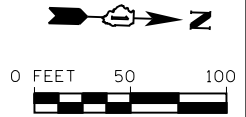
NOTE
1. REFER TO UNDERPASS AND TRAFFIC SYSTEMS CENTER ELECTRICAL PLANS FOR LOCATIONS OF EXISTING CONDUIT.

PROPOSED DRAINAGE STRUCTURE SCHEDULE								
STRUCTURE NO.	STRUCTURE TYPE	STATION	OFFSET	RIM ELEV	INV (N)	INV (S)	INV (W)	INV (E)
S-300	METAL END SECTIONS	61+75.85	111.88' RT	-				690.00
S-301	MH, T-A, 4' -DIA, TY 1 FR, CLID	61+63.63	68.37' RT	712.16	708.16		708.16	706.16
S-302	CB, T-C, TY 24 F&G	61+61.71	60.60' RT	712.57				708.57
S-303	MH, T-A, 4' -DIA, TY 1 FR, CLID	62+14.71	59.08' RT	713.00		709.00	709.00	
S-304	CB, T-A, 4' -DIA, TY 24 F&G	62+14.71	51.05' RT	713.97	709.82			709.82
S-305	CB, T-C, TY 24 F&G	62+26.00	50.32' RT	713.90		709.90		
S-400	CB, T-C, TY 24 F&G	66+27.00	44.30' RT	713.73	709.73			
S-401	INL, T-B, TY 24 F&G	66+36.98	44.47' RT	713.79	709.66	709.66		
S-402	CB, T-A, 4' -DIA, TY 24 F&G	67+10.35	44.26' RT	712.96		708.96		708.96
S-403	METAL END SECTIONS	67+10.35	92.23' RT	-				689.50

PROPOSED STORM SEWER PIPE SCHEDULE									
PIPE NO.	FROM	TO	LENGTH (FT)	DIA (IN)	PIPE TYPE	SLOPE (%)	TBF (CY)	D. I.	U. I.
P-300	S-301	S-300	46	12	PIPE DRAINS	35.13	0.6	690.00	706.16
P-301	S-302	S-301	8	12	CLASS A, TYPE 2	5.10	1.2	708.16	708.57
P-302	S-303	S-301	52	12	CLASS A, TYPE 2	1.60	0.0	708.16	709.00
P-303	S-304	S-303	8	12	CLASS A, TYPE 2	10.20	0.0	709.00	709.82
P-304	S-305	S-304	11	12	CLASS A, TYPE 2	0.80	2.0	709.82	709.40
P-400	S-400	S-401	10	12	CLASS A, TYPE 2	0.70	1.6	709.66	709.73
P-401	S-401	S-402	73	12	CLASS A, TYPE 2	1.00	27.6	708.96	709.66
P-402	S-402	S-403	48	12	PIPE DRAINS	38.46	0.6	689.50	707.96



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SIGNING LEGEND

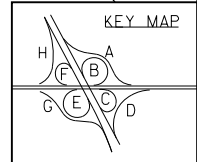
 PROPOSED SIGN

PAVEMENT MARKING LEGEND

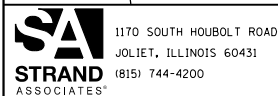
- | | |
|---|---|
| ① MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SKIP DASH WHITE, 30' SKIP - 10' DASH) | ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SOLID YELLOW) |
| ② MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SOLID WHITE) | ⑥ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SOLID WHITE 45° CHEVRONS AT 30' SPACING) |
| ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SOLID WHITE) | ⑦ RAISED REFLECTIVE PAVEMENT MARKINGS |
| ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (DOTTED WHITE, 6' SKIP - 2' DASH) | ⑧ RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE) |

NOTES

- ALL PROPOSED PAVEMENT MARKINGS SHALL MATCH THE EXISTING PAVEMENT MARKINGS AT THE REPLACEMENT LIMITS.
- DENOTES RAMP STATIONING.
- SEE SIGN INFORMATION TABLE FOR PROPOSED WORK.



FILE NAME = SA\JUL163800-6399\6346\028\Microa\CADD\Sheets\PI60K77-ph1-pmk1.dgn



USER NAME = dennisw	DESIGNED - MAG	REVISED -
MODEL NAME = Default	DRAWN - DJW	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - DWG	REVISED -
PLOT DATE = 2/6/2013	DATE - 01-24-13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNING PLAN

SCALE: 1" = 50' SHEET 1 OF 5 SHEETS STA. 44+59.00 TO STA. 57+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	51
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				

COOK COUNTY SIGN (EXISTING)

1. DURING STAGE 1, THE EXISTING SIGN PANEL SHALL BE REMOVED FROM THE CENTER MEDIAN OF I-55 AND RELOCATED TO THE LOCATION SHOWN ON THE PLANS. THE SIGN SHALL BE MOUNTED ON A WOOD SIGN SUPPORT. THIS WORK SHALL BE PAID FOR AS RELOCATE EXISTING SIGN PANEL - TYPE 1 AND WOOD SIGN SUPPORTS. SEE THE MAINTENANCE OF TRAFFIC PLANS FOR FURTHER DETAILS.
2. AFTER STAGE 1 OF THE BRIDGE IS COMPLETE, THE SIGN SHALL BE REMOUNTED ON THE CENTER MEDIAN. THIS WORK SHALL BE PAID FOR AS INSTALL EXISTING SIGN PANEL, TELESCOPING STEEL SIGN SUPPORT, AND BASE.

PACE BUS SIGN (SIGN J)

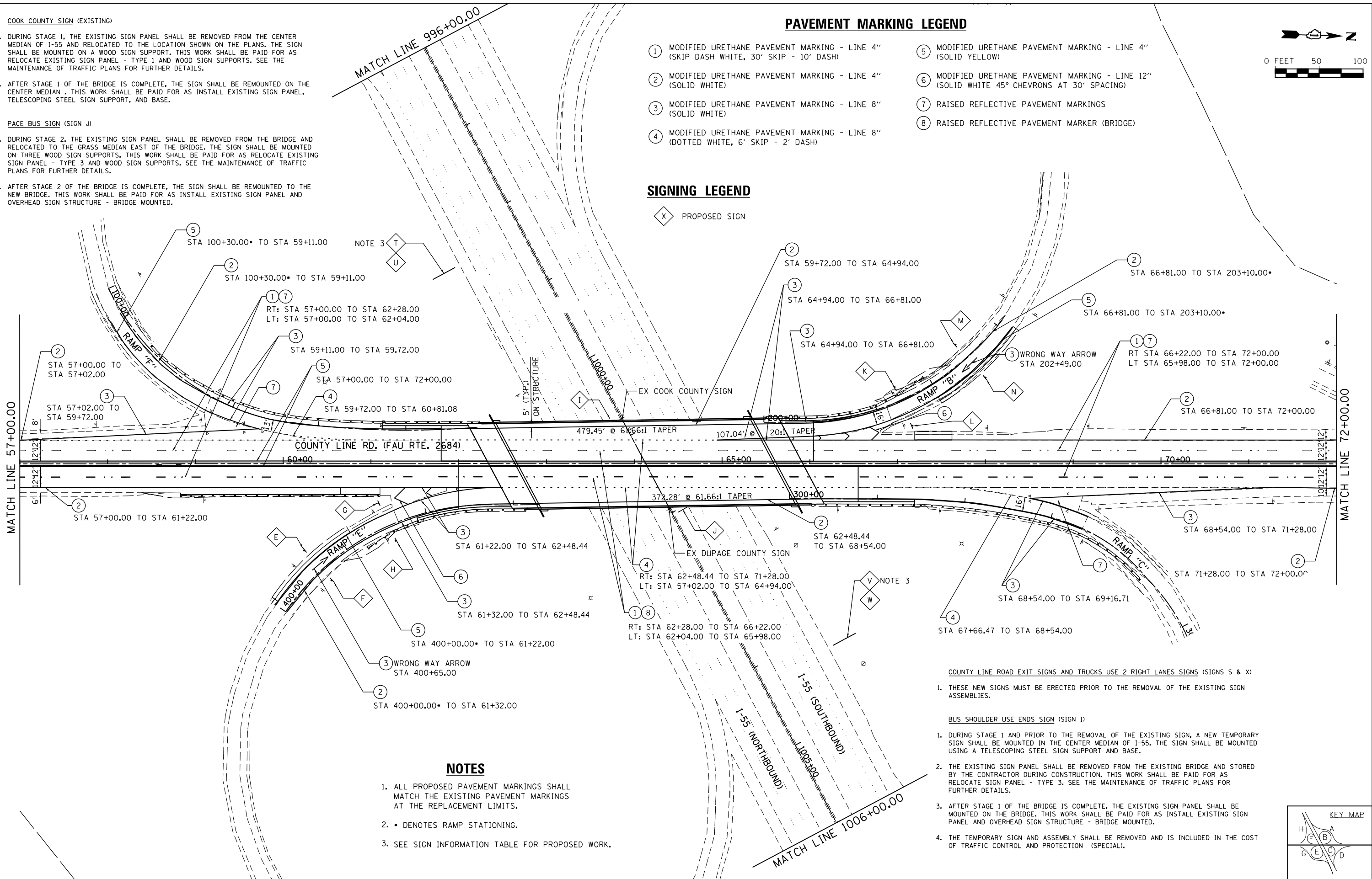
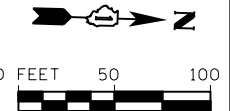
1. DURING STAGE 2, THE EXISTING SIGN PANEL SHALL BE REMOVED FROM THE BRIDGE AND RELOCATED TO THE GRASS MEDIAN EAST OF THE BRIDGE. THE SIGN SHALL BE MOUNTED ON THREE WOOD SIGN SUPPORTS. THIS WORK SHALL BE PAID FOR AS RELOCATE EXISTING SIGN PANEL - TYPE 3 AND WOOD SIGN SUPPORTS. SEE THE MAINTENANCE OF TRAFFIC PLANS FOR FURTHER DETAILS.
2. AFTER STAGE 2 OF THE BRIDGE IS COMPLETE, THE SIGN SHALL BE REMOUNTED TO THE NEW BRIDGE. THIS WORK SHALL BE PAID FOR AS INSTALL EXISTING SIGN PANEL AND OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED.

PAVEMENT MARKING LEGEND

- | | |
|---|---|
| ① MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SKIP DASH WHITE, 30' SKIP - 10' DASH) | ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SOLID YELLOW) |
| ② MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SOLID WHITE) | ⑥ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SOLID WHITE 45° CHEVRONS AT 30' SPACING) |
| ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SOLID WHITE) | ⑦ RAISED REFLECTIVE PAVEMENT MARKINGS |
| ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (DOTTED WHITE, 6' SKIP - 2' DASH) | ⑧ RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE) |

SIGNING LEGEND

- ⬡ PROPOSED SIGN



NOTES

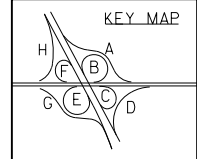
1. ALL PROPOSED PAVEMENT MARKINGS SHALL MATCH THE EXISTING PAVEMENT MARKINGS AT THE REPLACEMENT LIMITS.
2. * DENOTES RAMP STATIONING.
3. SEE SIGN INFORMATION TABLE FOR PROPOSED WORK.

COUNTY LINE ROAD EXIT SIGNS AND TRUCKS USE 2 RIGHT LANES SIGNS (SIGNS S & X)

1. THESE NEW SIGNS MUST BE ERECTED PRIOR TO THE REMOVAL OF THE EXISTING SIGN ASSEMBLIES.

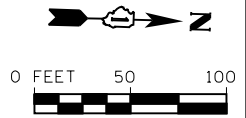
BUS SHOULDER USE ENDS SIGN (SIGN I)

1. DURING STAGE 1 AND PRIOR TO THE REMOVAL OF THE EXISTING SIGN, A NEW TEMPORARY SIGN SHALL BE MOUNTED IN THE CENTER MEDIAN OF I-55. THE SIGN SHALL BE MOUNTED USING A TELESCOPING STEEL SIGN SUPPORT AND BASE.
2. THE EXISTING SIGN PANEL SHALL BE REMOVED FROM THE EXISTING BRIDGE AND STORED BY THE CONTRACTOR DURING CONSTRUCTION. THIS WORK SHALL BE PAID FOR AS RELOCATE SIGN PANEL - TYPE 3. SEE THE MAINTENANCE OF TRAFFIC PLANS FOR FURTHER DETAILS.
3. AFTER STAGE 1 OF THE BRIDGE IS COMPLETE, THE EXISTING SIGN PANEL SHALL BE MOUNTED ON THE BRIDGE. THIS WORK SHALL BE PAID FOR AS INSTALL EXISTING SIGN PANEL AND OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED.
4. THE TEMPORARY SIGN AND ASSEMBLY SHALL BE REMOVED AND IS INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (SPECIAL).



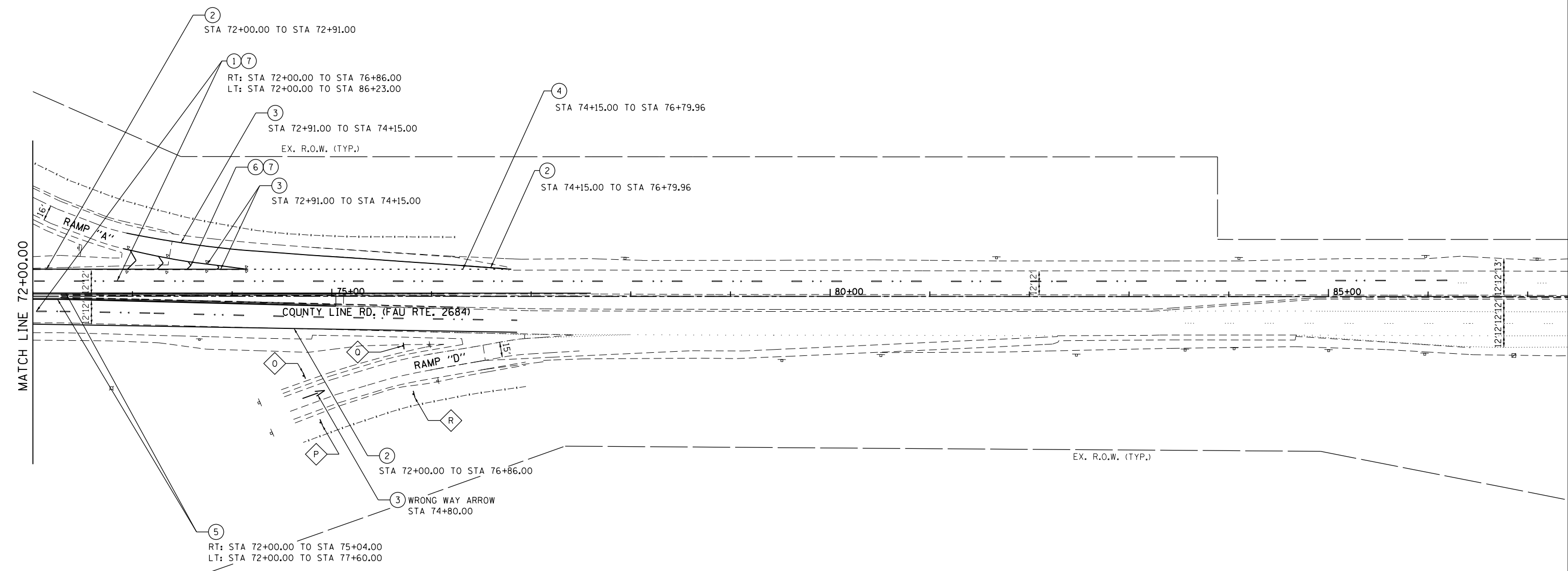
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	1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	DESIGNED - MAG	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING & SIGNING PLAN SCALE: 1" = 50' SHEET 2 OF 5 SHEETS STA. 57+00.00 TO STA. 72+00.00		F.A.I. RTE. 55	SECTION 22-1HB-R	COUNTY COOK/DUPAGE	TOTAL SHEETS 161	SHEET NO. 52
	USER NAME = dennissw MODEL NAME = Default PLOT SCALE = 100.0000' / 1in. PLOT DATE = 2/6/2013	DRAWN - DJW CHECKED - DWG DATE - 01-24-13	REVISED - REVISED - REVISED - REVISED -				CONTRACT NO. 60K77	ILLINOIS FED. AID PROJECT			



NOTES

1. ALL PROPOSED PAVEMENT MARKINGS SHALL MATCH THE EXISTING PAVEMENT MARKINGS AT THE REPLACEMENT LIMITS.
2. • DENOTES RAMP STATIONING.
3. SEE SIGN INFORMATION TABLE FOR PROPOSED WORK.

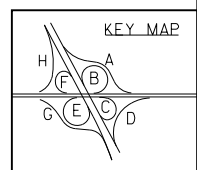


PAVEMENT MARKING LEGEND

- | | |
|---|---|
| ① MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SKIP DASH WHITE, 30' SKIP - 10' DASH) | ⑤ MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SOLID YELLOW) |
| ② MODIFIED URETHANE PAVEMENT MARKING - LINE 4" (SOLID WHITE) | ⑥ MODIFIED URETHANE PAVEMENT MARKING - LINE 12" (SOLID WHITE 45° CHEVRONS AT 30' SPACING) |
| ③ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (SOLID WHITE) | ⑦ RAISED REFLECTIVE PAVEMENT MARKINGS |
| ④ MODIFIED URETHANE PAVEMENT MARKING - LINE 8" (DOTTED WHITE, 6' SKIP - 2' DASH) | ⑧ RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE) |

SIGNING LEGEND

- ⓧ PROPOSED SIGN



FILE NAME = SA\JUL16300-6399\5346\028\Micro\CAADD_Sheets\PI60K77-plt-pmb3.dgn

SA STRAND ASSOCIATES
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

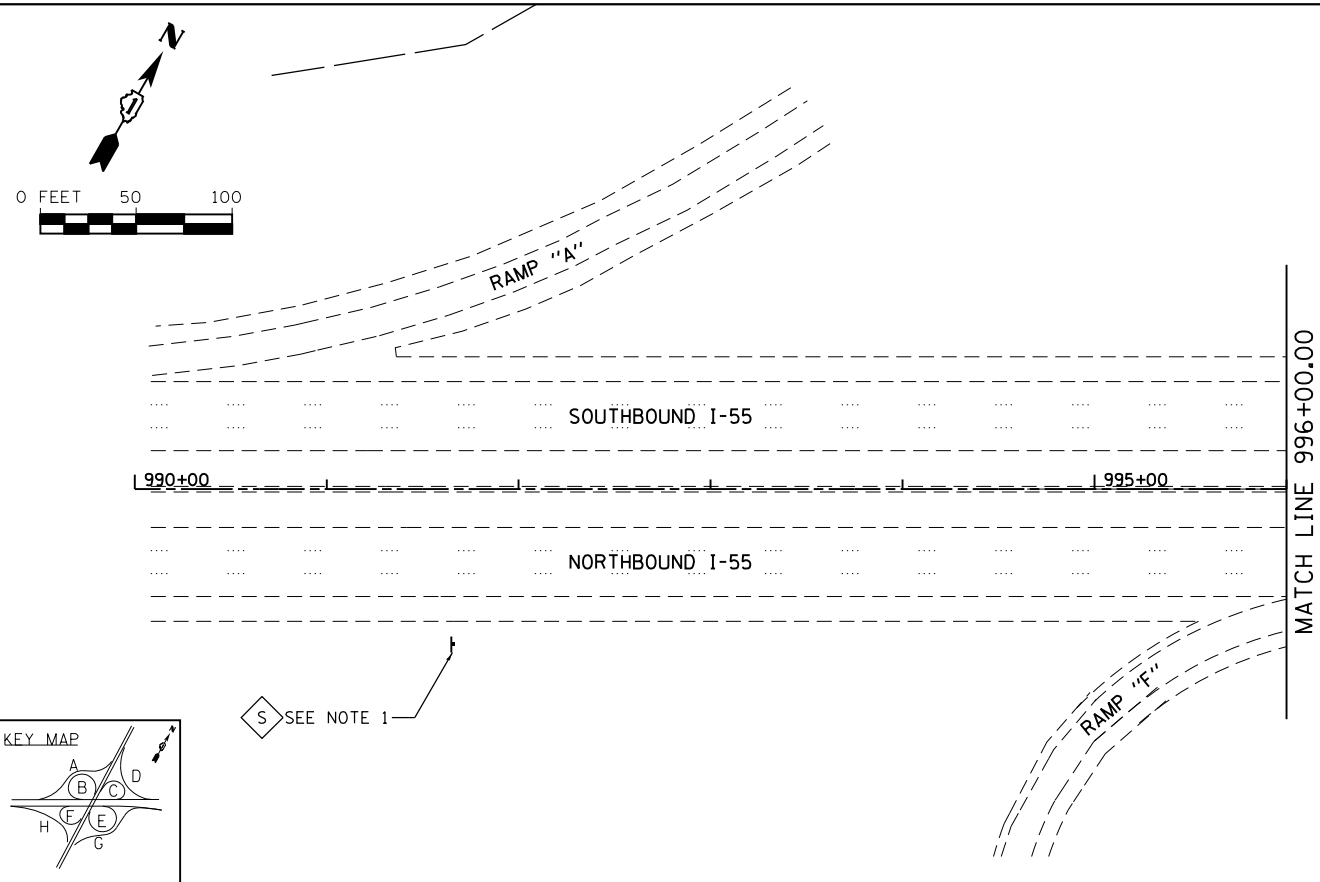
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MODEL NAME = Default	DRAWN - DJW	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED - DWG	REVISED -
PLOT DATE = 2/6/2013	DATE - 01-24-13	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNING PLAN

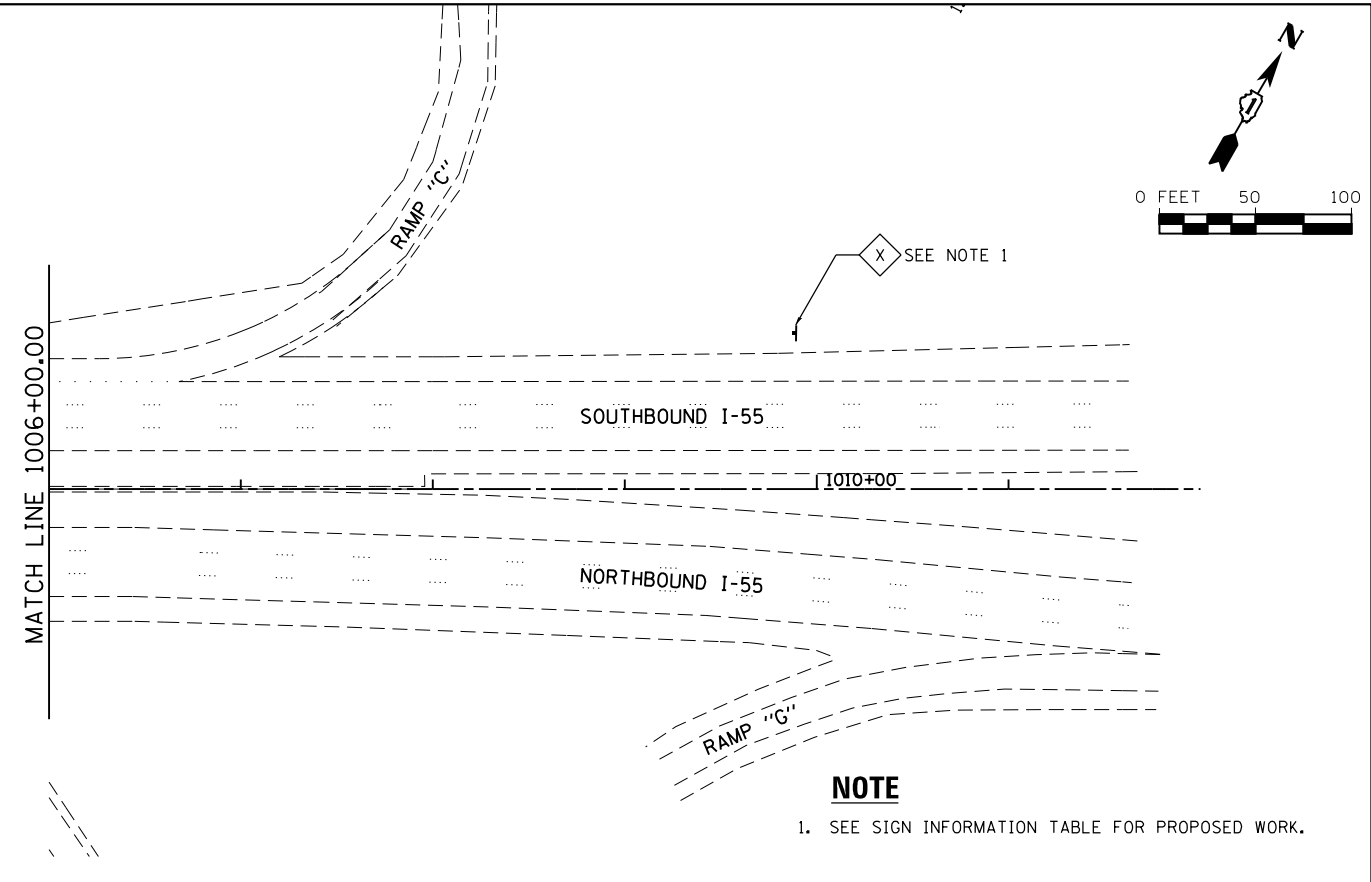
SCALE: 1" = 50' SHEET 3 OF 5 SHEETS STA. 72+00.00 TO STA. 86+23.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	53
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				



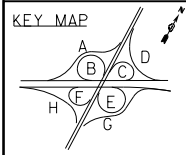
SIGNING LEGEND

◇ X PROPOSED SIGN



NOTE

1. SEE SIGN INFORMATION TABLE FOR PROPOSED WORK.



Panel Style: tab1.bsi
M.U.T.C.D.: 2009 Edition

SIGN DETAIL
1:75

SIGN NUMBER	Sign T & U
WIDTH x HGT.	29'-0" x 9'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGENDBORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
AR_Type A	315	293.4	43.9	23.9	37.8

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

LETTER POSITIONS (X)

LETTER	X	Y	WID	HT													
E	24.8	33.7	44.4	47.9	70.4	84.2	99.4	119	106.4	10.15							
X																	
I																	
T																	
2																	
7																	
6																	
B																	
N	139	157.4	173.5	187.3	201.1					74.2	18.15						
O																	
R																	
T																	
H																	
C	24.8	44.8	64.6	85.8	105	119.6	136.6	156.6	175.8	187.8	207.2	220.4	240.4	260.2	248.6	2015	
o																	
u																	
n																	
t																	
y																	
L																	
i																	
n																	
e																	
R																	
d																	

SIGN T & U DETAIL

Panel Style: tab1.bsi
M.U.T.C.D.: 2009 Edition

SIGN DETAIL
1:75

SIGN NUMBER	Sign V & W
WIDTH x HGT.	29'-0" x 9'-6"
BORDER WIDTH	2"
CORNER RADIUS	12"
MOUNTING	Ground
BACKGROUND	TYPE: Reflective COLOR: Green
LEGENDBORDER	TYPE: Reflective COLOR: White/White

SYMBOL	ROT	X	Y	WID	HT
AR_Type A	315	293.4	43.9	23.9	37.8

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

LETTER POSITIONS (X)

LETTER	X	Y	WID	HT													
E	23.3	32.2	42.9	46.4	68.9	82.7	97.8	117.5	109.5	10.15							
X																	
I																	
T																	
2																	
7																	
6																	
A																	
S	139	157.5	173.5	188.2	202					75.2	18.15						
O																	
U																	
T																	
H																	
C	24.8	44.8	64.6	85.8	105	119.6	136.6	156.6	175.8	187.8	207.2	220.4	240.4	260.2	248.6	2015	
o																	
u																	
n																	
t																	
y																	
L																	
i																	
n																	
e																	
R																	
d																	

SIGN V & W DETAIL

FILE NAME = SA\JUL163800-63939\5346\028\Micro\CAD\ Sheets\PI60K77-sh1-pmk4.dgn



USER NAME = dennissw
MODEL NAME = Default
PLOT SCALE = 100.0000' / in.
PLOT DATE = 2/6/2013

DESIGNED - MAG
DRAWN - DJW
CHECKED - DWG
DATE - 01-24-13

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PAVEMENT MARKING & SIGNING PLAN
SCALE: 1" = 50'
SHEET 4 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	54
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				

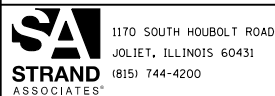
STEEL SIGN SUPPORT SCHEDULE

EXIT SUPPORT SCHEDULE															STEEL SIGN SUPPORT										CONCRETE FOUNDATIONS				REINFORCEMENT BARS	
SIGN LETTER	LOCATION	DESCRIPTION	EXISTING LOCATION		EXISTING SIZE				PROPOSED LOCATION		PROPOSED SIZE				CLEAR HEIGHT FT	P1 LF	P2 LF	P3 LF	POST TYPE	POUNDS/ FT	# OF POSTS	STUB FT	STUB TOTAL	STEEL SIGN SUPPORT - BREAKAWAY POUNDS	DIAMETER	DEPTH	CU YD	CU YD TOTAL	REINF.	REINF. POUND
			STA.	SUPPORT TYPE	WIDTH LF	HEIGHT LF	EXIT PANEL WIDTH FT	EXIT PANEL HEIGHT FT	STA.	OFFSET LF	WIDTH LF	HEIGHT LF	EXIT PANEL WIDTH FT	EXIT PANEL HEIGHT FT																
T & U	NB I-55	COUNTY LINE ROAD EXIT	998+37.46	I-BEAM	20.0	9.5	12	2	998+37.5	101.3 RT	29.0	9.5	13	2.5	10	17.3	17.5	16.5	W14X38	22	3	3.5	10.5	1357.40	3	8.0	2.09	6.27	122	366
V & W	SB I-55	COUNTY LINE ROAD EXIT	1002+71.5	I-BEAM	20.0	9.5	12	2	1004+19.6	106.0 LT	29.0	9.5	13	2.5	10	19.5	18.9	18.0	W14X38	22	3	3.5	10.5	1470.70	3	8.0	2.09	6.27	122	366
TOTAL															56.4					2828		6.3		366						

PROPOSED SIGN SCHEDULE

SIGN LETTER	STATION	OFFSET L/R	ROADWAY	DESCRIPTION	Size		INSTALL																			
					HEIGHT (FT)	WIDTH (FT)	SIGN PANEL TYPE 1 (SQ FT)	SIGN PANEL TYPE 2 (SQ FT)	SIGN PANEL TYPE 3 (SQ FT)	INSTALL EXISTING SIGN PANEL (SQ FT)	RELOCATE SIGN PANEL TYPE 1 (SQ FT)	RELOCATE SIGN PANEL TYPE 3 (SQ FT)	TELESCOPING STEEL SIGN SUPPORT (FT)	WOOD SIGN SUPPORT (FT)	BASE FOR TELESCOPING STEEL SIGN SUPPORT (EACH)	OVERHEAD SIGN STRUCTURE - BRIDGE MOUNT (FT)										
A	54+33.41	86.15 LT	RAMP H	R5-1	4	4			16.0									16								
B	54+48.89	42.41 LT	RAMP H	R5-1	4	4			16.0									16								
C	55+13.51	125.54 LT	RAMP H	R5-1a	2.5	3.5	8.75											15								
D	55+38.62	86.55 LT	RAMP H	R5-1a	2.5	3.5	8.75											15								
E	400+63.14	29.63 LT	RAMP E	R5-1a	2.5	3.5	8.75											19								
F	400+62.83	16.33 RT	RAMP E	R5-1a	2.5	3.5	8.75											17								
G	401+54.25	28.11 LT	RAMP E	R5-1	4	4			16.0									16								
H	401+55.10	18.91 RT	RAMP E	R5-1	4	4			16.0									19								
I	62+52.40	LT	COUNTY LINE RD.	BUS SHOULDER USE ENDS	5	6						30.0			30.0					6						
J	63+72.56	RT	COUNTY LINE RD.	PACE BUS	8.5	13						110.5			110.5					78	13					
K	201+59.44	16.85 LT	RAMP B	R5-1	4	4												20								
L	201+59.78	31.61 RT	RAMP B	R5-1	4	4												16								
M	202+49.87	19.80 LT	RAMP B	R5-1a	2.5	3.5	8.75											18								
N	202+50.46	30.79 RT	RAMP B	R5-1a	2.5	3.5	8.75											15								
O	74+71.46	79.87 RT	RAMP D	R5-1a	2.5	3.5	8.75											15								
P	74+88.54	126.67 RT	RAMP D	R5-1a	2.5	3.5	8.75											15								
Q	75+71.16	49.85 RT	RAMP D	R5-1	4	4												16								
R	75+81.67	98.24 RT	RAMP D	R5-1	4	4												16								
S	991+66.10	80.8 LT	I-55 NB	TRUCKS USE 2 RIGHT LANES	4	5			20.0									16								
T	998+37.46	101.3 RT	I-55 NB	NORTH COUNTY LINE RD	9.5	29					275.5															
U	998+37.46	101.3 RT	I-55 NB	EXIT 276B	2.5	13					32.5															
V	1004+19.6	106.0 LT	I-55 SB	SOUTH COUNTY LINE RD	9.5	29					275.5															
W	1004+19.6	106.0 LT	I-55 SB	EXIT 276A	2.5	13					32.5															
X	1009+88.2	81.2 LT	I-55 SB	TRUCKS USE 2 RIGHT LANES	4	5			20.0									16								
TEMPORARY	1000+70.00	0.00	I-55 NB	BUS SHOULDER USE ENDS	4	5.5											8		1							
EXISTING	999+50.00	88.0 RT	I-55 NB	COOK COUNTY	2	3										6.0		16		1						
EXISTING	1000+80.00	0.00	I-55 NB	COOK COUNTY	2	3									6.0			6		1						
TOTAL							70.0	104.0	616.0	146.5	6.0	140.5	14	390	2	19										

FILE NAME = SA\JUL16300-6399\6346\028\Microa\CA00 Sheets\PI60K77-plt-pmk5.dgn



1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = dennissw
MODEL NAME = Default
PLOT SCALE = 100.0000' / 1in.
PLOT DATE = 2/6/2013

DESIGNED - MAG
DRAWN - DJW
CHECKED - DWG
DATE - 01-24-13

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING & SIGNING PLAN
SCALE: N/A SHEET 5 OF 5 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-IHB-R	COOK/DUPAGE	161	55
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES

SPECIFICATIONS:

DESIGN: AASHTO Standard Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals. ("AASHTO Specifications") (2)

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

LOADING: 90 M.P.H. WIND VELOCITY

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

MINIMUM CLEARANCE: 3" greater than bridge members at all locations. (All Obstructions)

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

MATERIALS: All Structural Steel Pipe shall be ASTM A53 Grade B with a minimum yield of 35,000 p.s.i., or A500 Grade B or C with a minimum yield of 46,000 p.s.i. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53.

All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 (M183, M223 Gr. 50).

HIGH STRENGTH BOLTS: All bolts, washers, nuts and locknuts shall satisfy the requirements of ASTM designation A307 unless noted as "H.S." which shall require AASHTO M164 (A325), ASTM A449, or approved alternate. All fasteners shall be hot dip galvanized per AASHTO M232 unless otherwise specified.

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

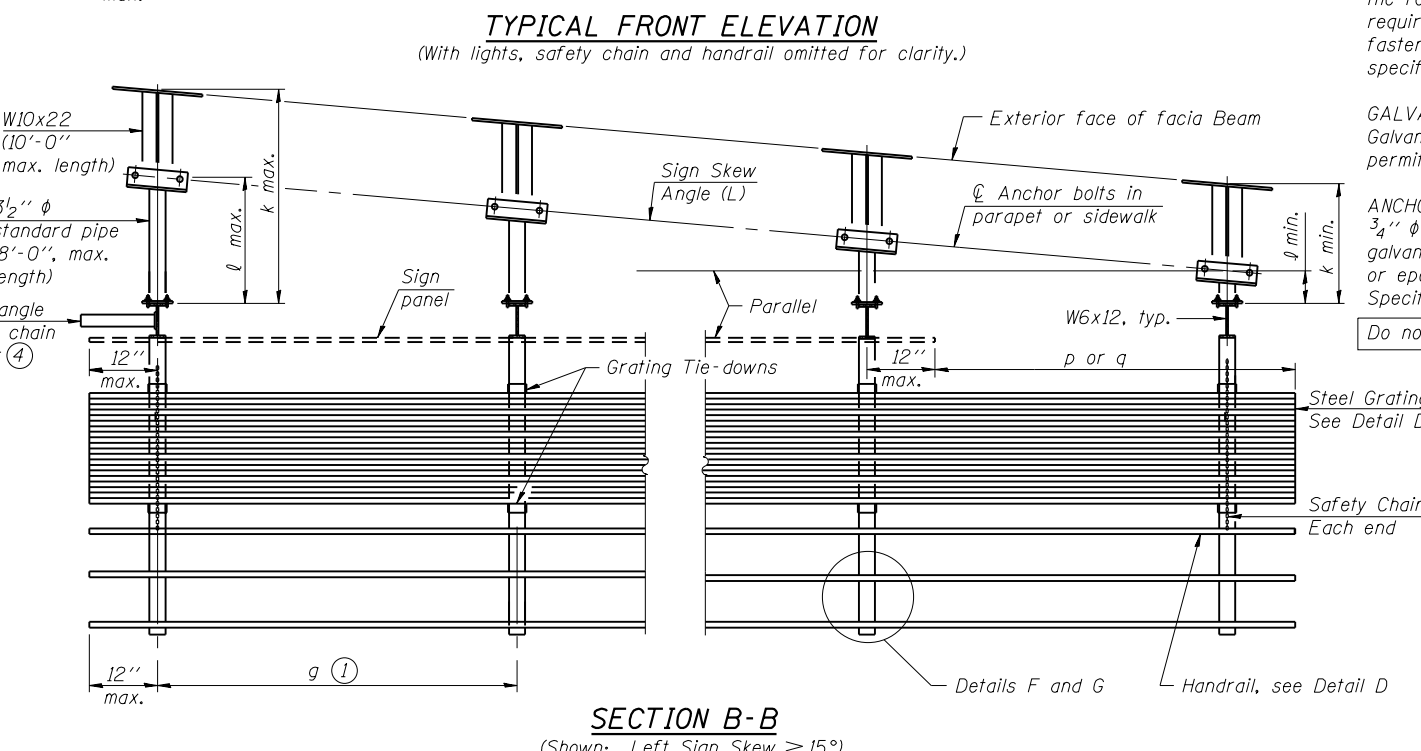
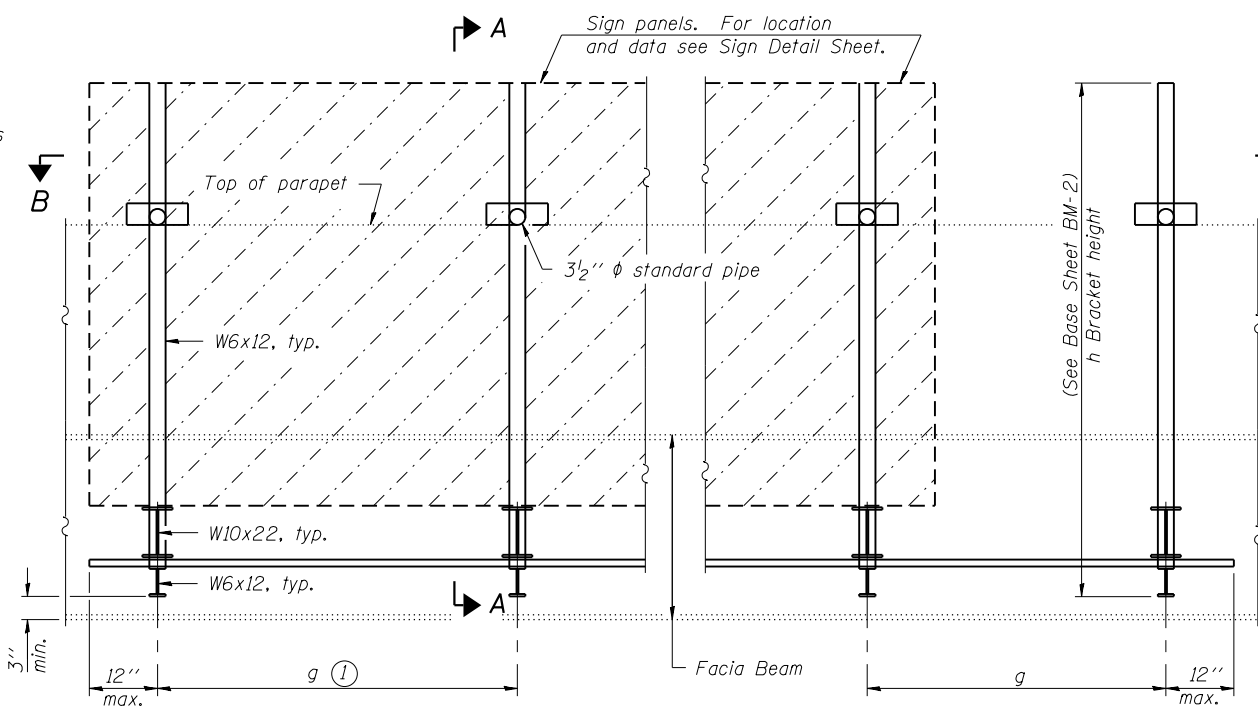
ANCHOR RODS: All-threaded rod shall conform to ASTM F1554 Grade 105, 3/4" ϕ x 12" long, each with one plate washer and locknut and be hot dip galvanized per AASHTO M232. They shall be either cast into the concrete or epoxy grouted in accordance with Section 584 of the Standard Specifications. Minimum embedment in concrete shall be 9".

Do not provide catwalk, walkway supports or lighting.

- (1) Bracket spacing $g \leq 6'-0"$, max. Spacing shall be uniform if possible but may vary $\pm 6"$ to miss existing obstruction (rail post, light poles, web stiffeners, splice plates, etc.). Adjust bracket lengths accordingly on skewed structures.
- (2) Any design modifications shall be based on the current version of applicable specifications and submitted for the Engineer's approval.
- (3) Unit price includes grating, handrail, brackets, supports, anchor bolts, fasteners, fabrication, delivery, erection, field drilling and other necessary items. Limits of payment are based on grating length (cw, dw) unless otherwise specified. For Safety Chain Details and Details D, F and G, see Base Sheet BM-4.
- (4) If walkway bracket at safety chain location is behind sign, add angle to bracket. See detail on Base Sheet BM-4.

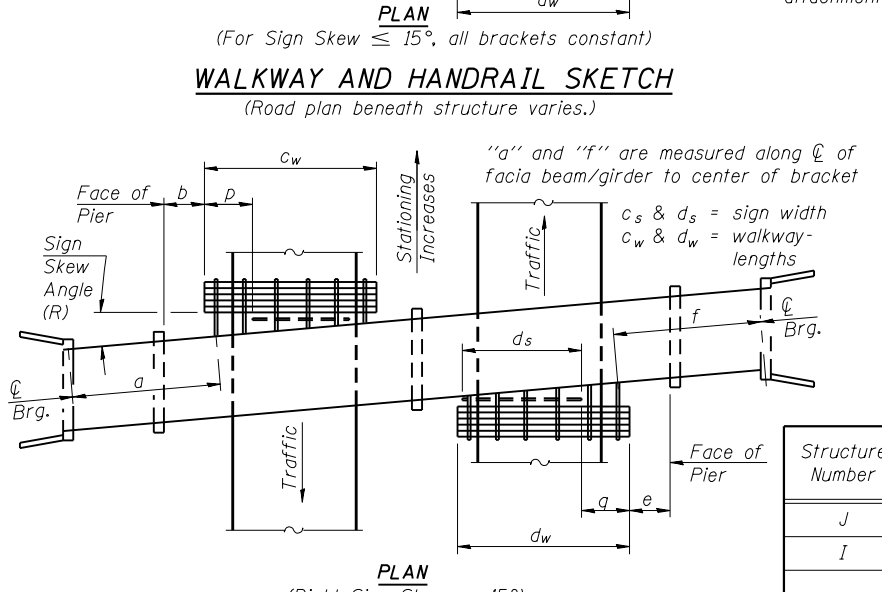
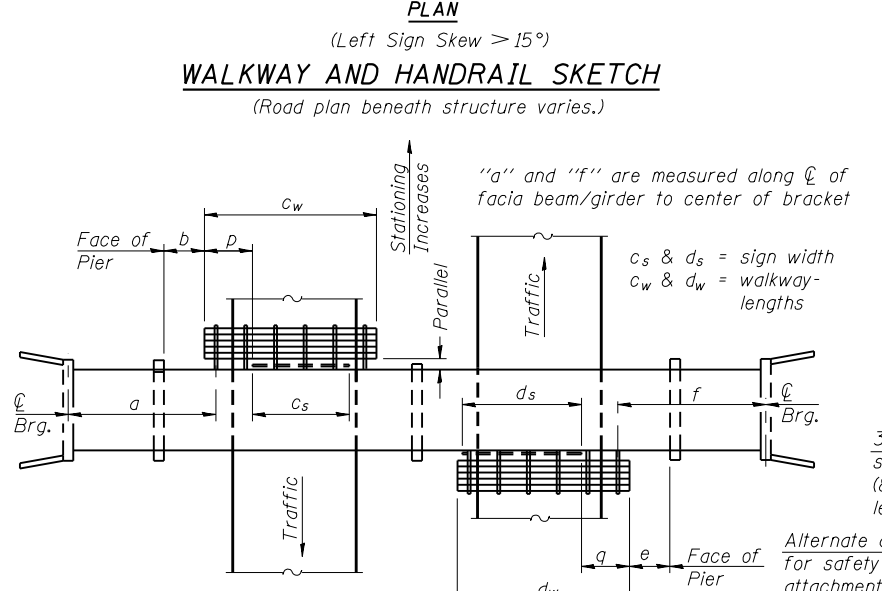
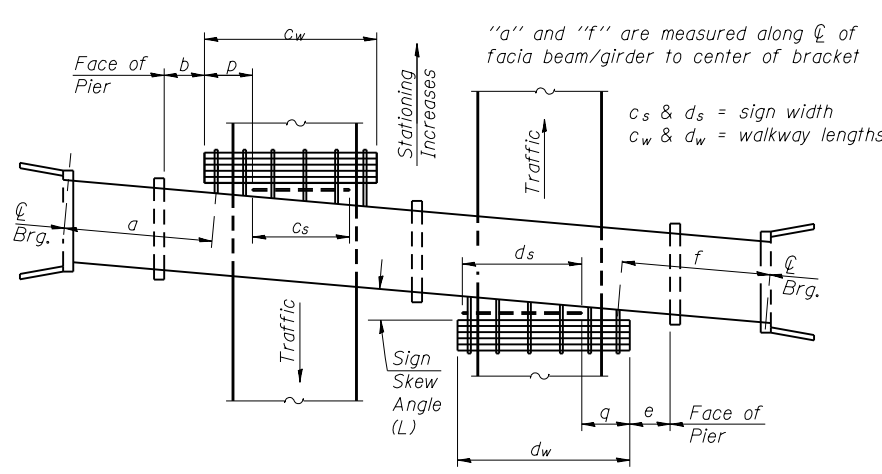
TOTAL BILL OF MATERIAL

(3) OVERHEAD SIGN STRUCTURE - BRIDGE MOUNTED	Foot	19
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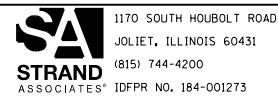


Structure Number	Sign Skew Angle (L) or (R)	Bridge Station	Bridge Structure Number	Contract Route Designation	a	b	c _s	c _w	d _s	d _w	e	f	g	No. of Brackets (Total)	p	q	Total Grating/Hndrl. Lengths (c _w + d _w)
J	27°3'42"	63+72.56	016-0587	FAI 55	-	-	-	-	13'	-	-	128'-1"	5'-6"	3	-	-	-
I	27°3'42"	64+52.40	016-0587	FAI 55	132'-2"	-	6'	-	-	-	-	-	4'-0"	2	-	-	-

Dimensions a, b, e, f & g may vary as approved by the Engineer, see (1).
When c_w < c_s and/or d_w < d_s, use alternate brackets without walkway supports where applicable, see (3).



BM-1 6-1-12



1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
IDFPR No. 184-001273

USER NAME = dennisw
DESIGNED - RRD
CHECKED - AJS
PLOT SCALE =
DRAWN - BJF
CHECKED - RRD
PLOT DATE = 1/30/2013

REVISED
REVISED
REVISED
REVISED

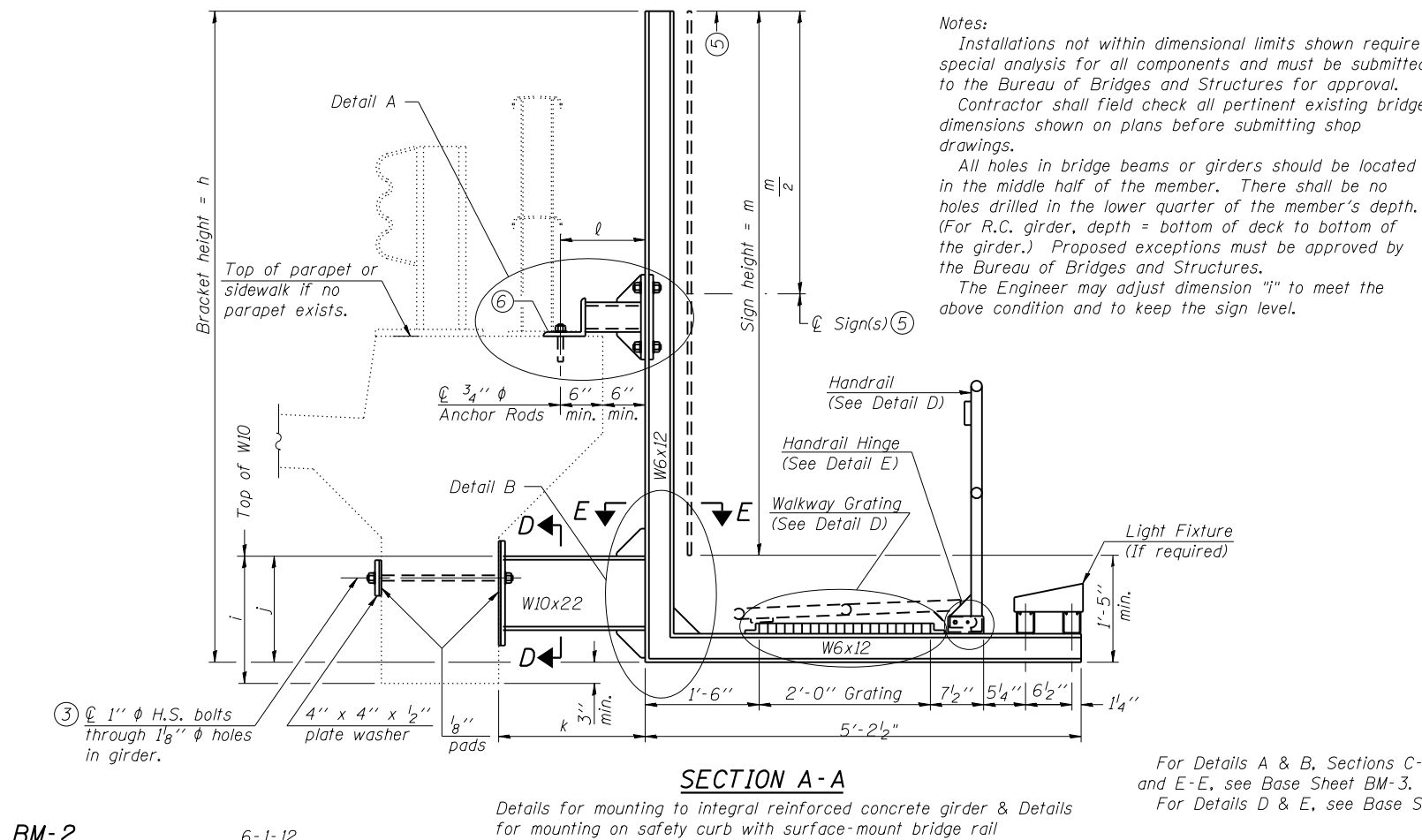
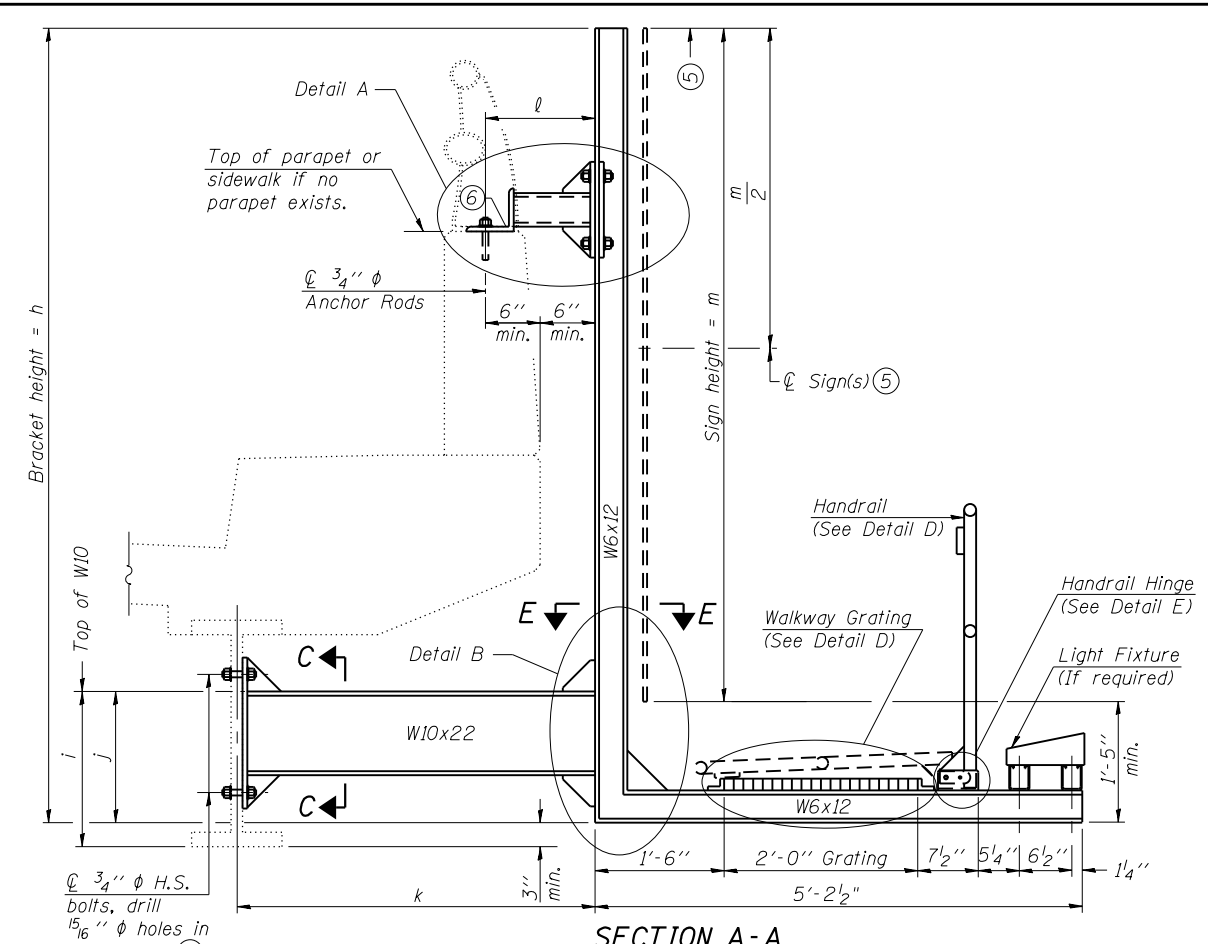
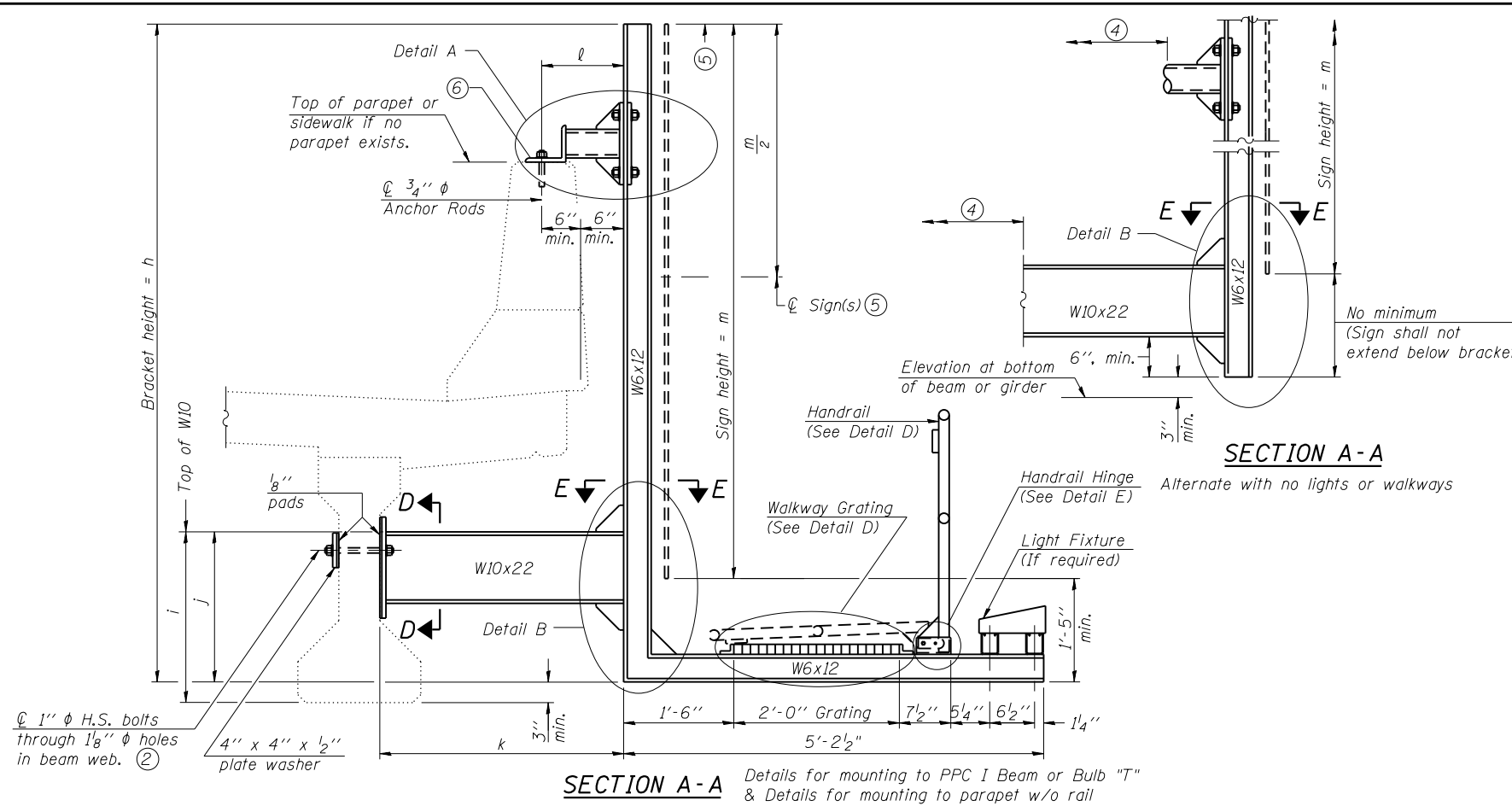
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BRIDGE MOUNT SIGN STRUCTURES
GENERAL PLAN AND ELEVATION**

SHEET NO. 1 OF 4 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	56
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				

FILE NAME = S:\JOL\63300-63993\6346\028\Microos\CADD Sheets\Structural\Bridge Mounted Sign\0160587-60K77-002-Bridge Mount Sign Structures.dgn



Notes:
 Installations not within dimensional limits shown require special analysis for all components and must be submitted to the Bureau of Bridges and Structures for approval.
 Contractor shall field check all pertinent existing bridge dimensions shown on plans before submitting shop drawings.
 All holes in bridge beams or girders should be located in the middle half of the member. There shall be no holes drilled in the lower quarter of the member's depth. (For R.C. girder, depth = bottom of deck to bottom of the girder.) Proposed exceptions must be approved by the Bureau of Bridges and Structures.
 The Engineer may adjust dimension "i" to meet the above condition and to keep the sign level.

- ① Holes in new steel members may be drilled in the fabrication shop or in the field. Field drill existing members.
- ② For new PPC I beams, holes shall be formed during casting. For existing PPC I beams, prestressing strand locations shall be determined and spaced to miss strands by 6", min. Minimize spalling during field drilling of existing beams.
- ③ For new construction, form holes. For existing RC beams, locate primary reinforcement and space holes to miss by 6", min. Minimize spalling and concrete fracturing/damage during field drilling of existing concrete. Spalls over 1/4" deep or beyond the coverage of the 4x4 plate washer shall be repaired with epoxy mortar before installing washer.
- ④ For attachment details of 3/2" pipe and W10x22, see other sections as applicable.
- ⑤ Sign shall not extend more than 6" above top of bracket, and this dimension may vary to keep sign level if bridge is on grade or vertical curve. Multiple signs of various heights shall share a common horizontal centerline and use equal bracket heights. If no sign is attached to a W6x12 vertical (bracket only supporting walkway), dimension h shall be the same as an adjacent bracket with a sign attached, unless Engineer specifically directs shorter brackets due to locational restraints on future uses. (See Detail A for minimum bracket height.)
- ⑥ For bridge mounted sign structures installed on new bridges with railing, during design, bracket spacing must be coordinated with railing post spacing and the Contractor must install upper brackets prior to railing installation. For bridge mounted sign structures installed on existing bridges with railing, during design, brackets spacing must be coordinated with railing post spacing and the Contractor must temporarily remove sections of railing to facilitate upper bracket installation. If it is determined during design that existing railings can't be removed, alternate upper connection details must be developed for the contract plans and approved by the Bureau of Bridges and Structures.

Structure Number	Station	h	i	j	k max. (10'-0" max.)	l max. (8'-0" max.)	m (15'-0" max.)
J	63+72.56	8'-6"	1'-8 1/2"	1'-5 1/2"	10'-0"	7'-5"	8'-6"
I	64+52.40	7'-0"	1'-8 1/2"	1'-5 1/2"	6'-1 3/8"	3'-5 1/4"	5'-0"

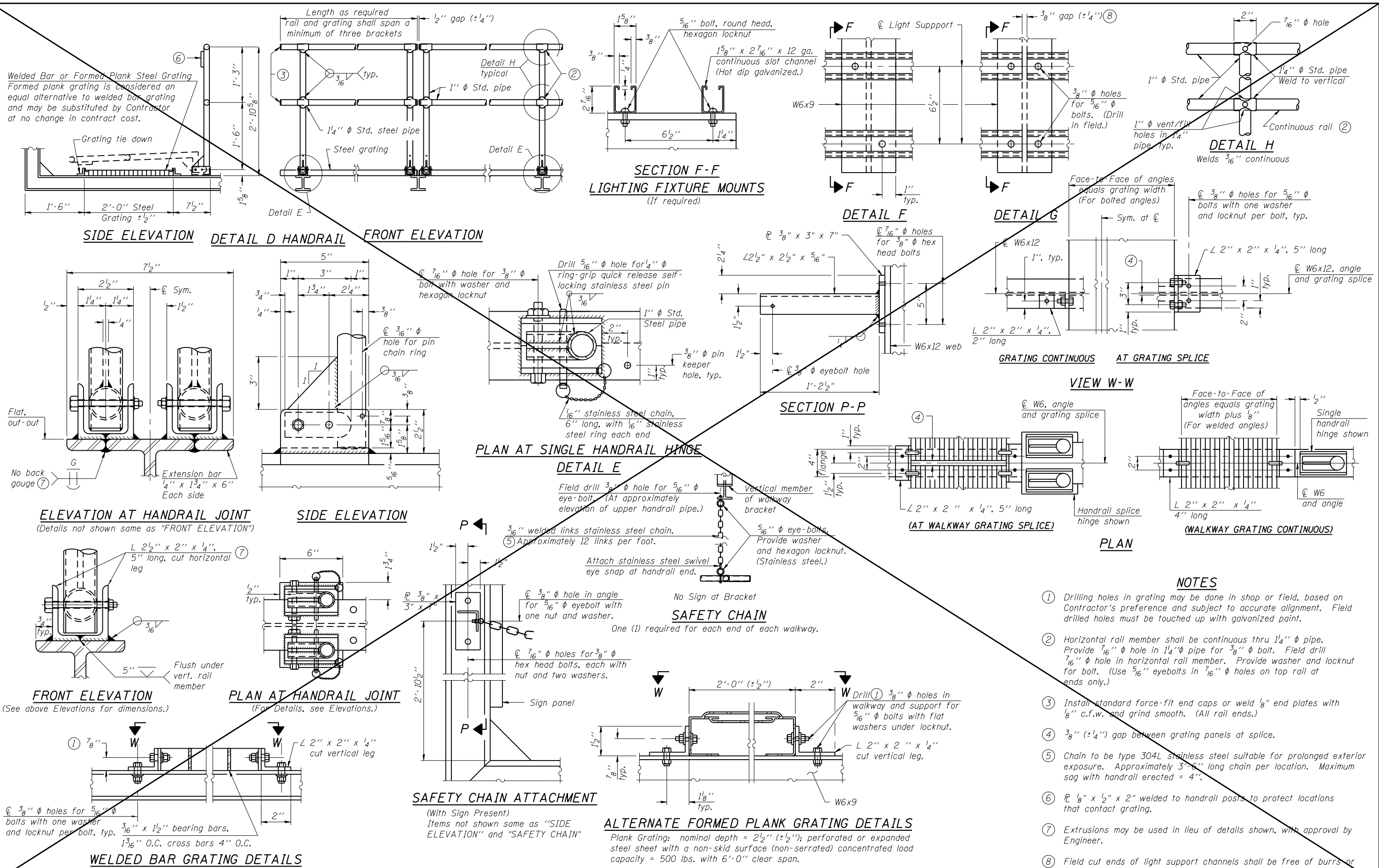
BM-2
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200
 ASSOCIATES' IDPR No. 184-001273

USER NAME = dennisw	DESIGNED - RRD	REVISED
PLOT SCALE =	CHECKED - AJS	REVISED
PLOT DATE = 1/30/2013	DRAWN - BJF	REVISED
	CHECKED - RRD	REVISED

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**BRIDGE MOUNT SIGN STRUCTURES
 WALKWAY AND CONNECTION DETAILS**






F.A.I. RTE. 55	SECTION 22-1HB-R	COUNTY COOK/DUPAGE	TOTAL SHEETS 161	SHEET NO. 57
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				



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 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200
 ASSOCIATES' ID#PR NO. 184-00123

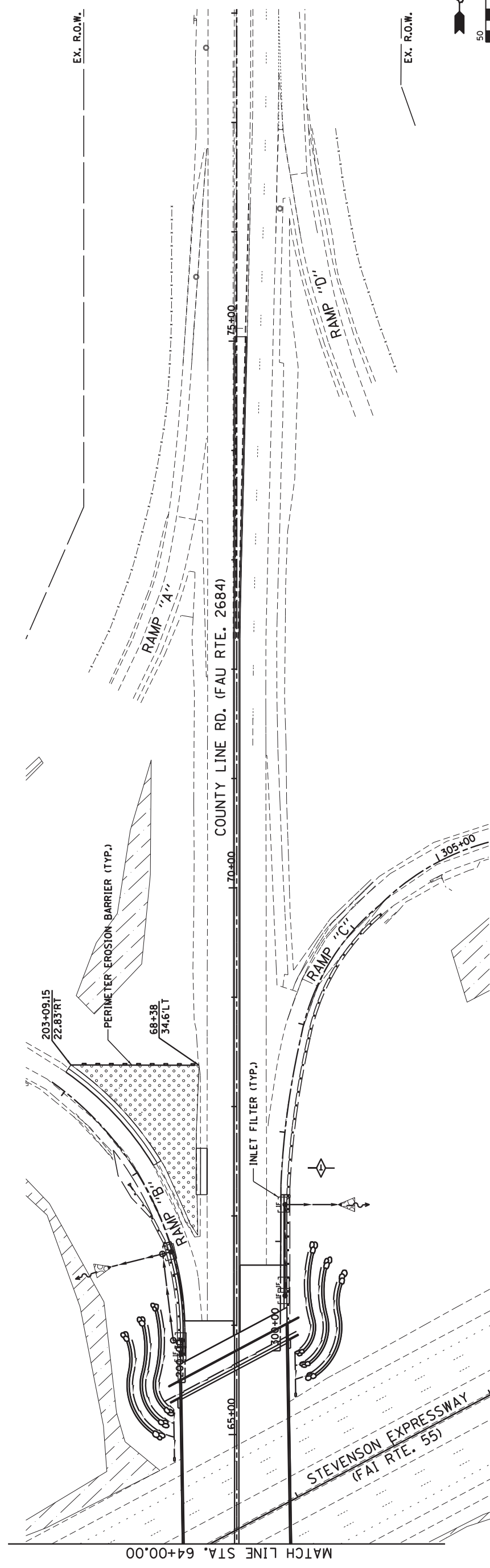
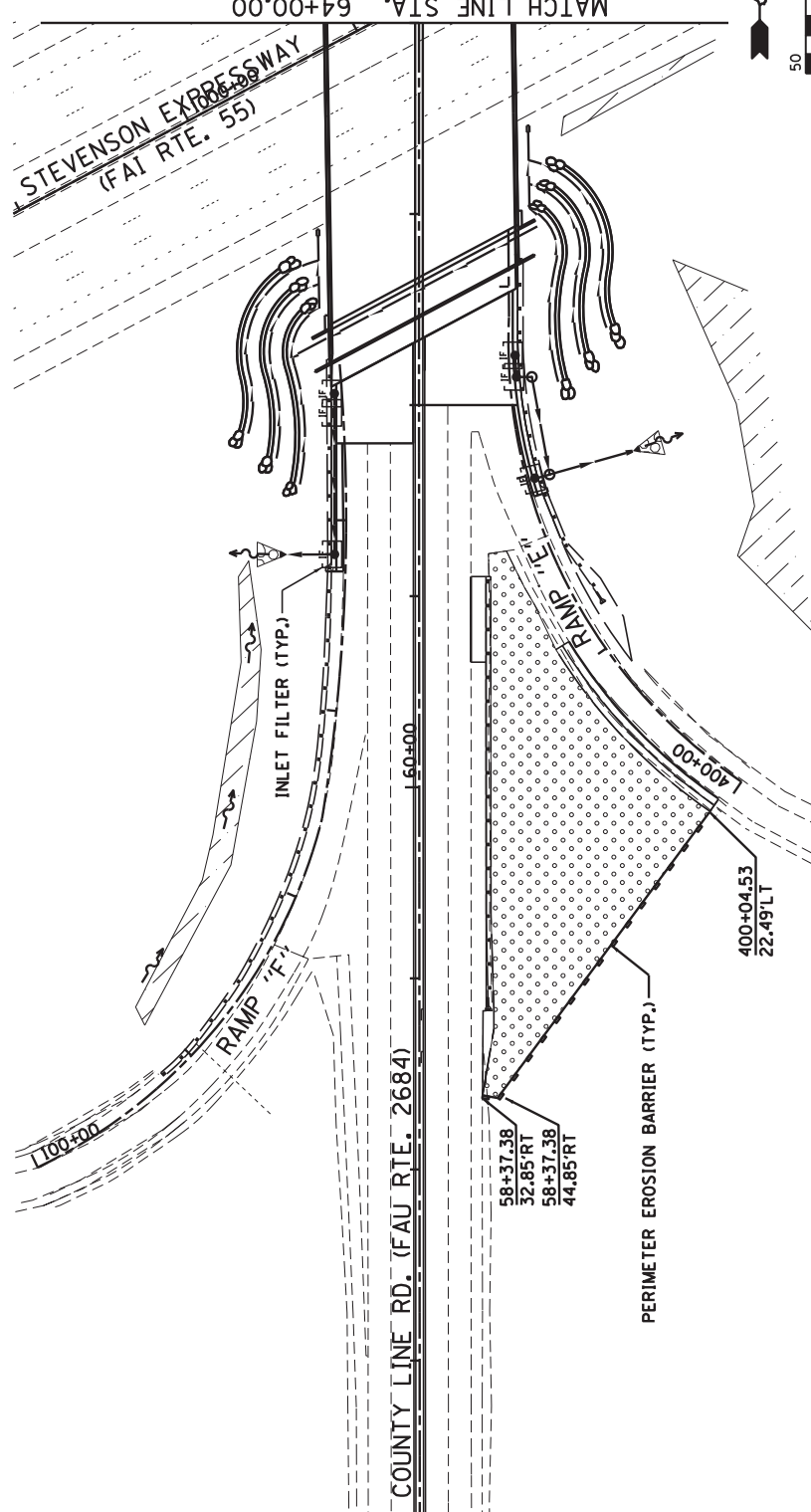
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	ILLINOIS FED. AID PROJECT							

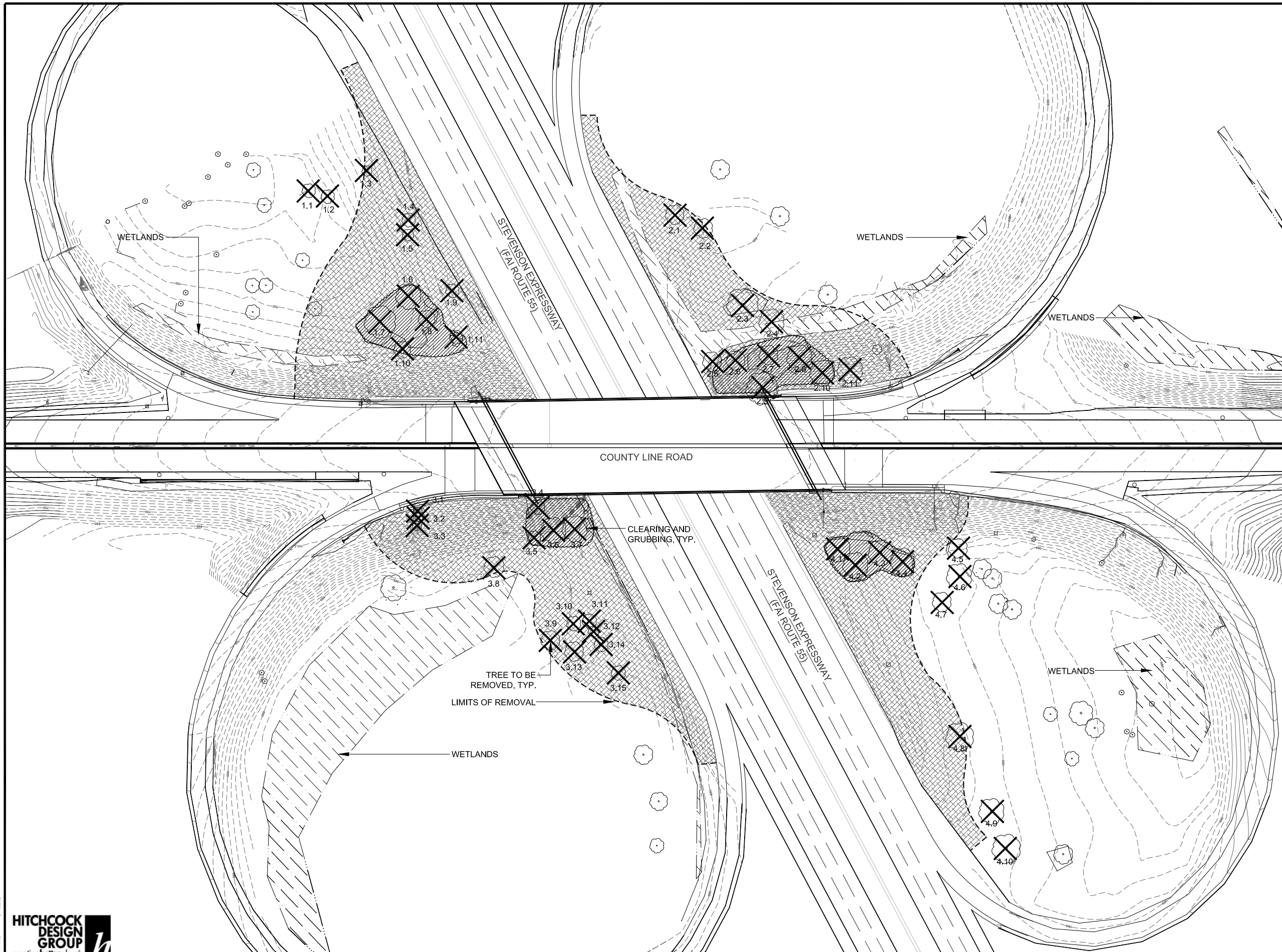
EROSION CONTROL LEGEND

-  PERIMETER EROSION BARRIER
-  INLET FILTERS
-  TEMPORARY DITCH CHECK
-  PERMANENT SEEDING, CLASS 2A WITH EROSION CONTROL BLANKET
-  WETLANDS

NOTES

1. SEE SHEET ESC-1 FOR NOTES, SOIL PROTECTION SCHEDULES, STRATEGY, AND STANDARDS.
2. EROSION CONTROL MEASURES SHALL BE PROVIDED FOR ALL EXISTING AND PROPOSED INLET STRUCTURES WITHIN THE CONSTRUCTION LIMITS. THE TEMPORARY CONTROL MEASURES SHOULD NOT BE REMOVED UNTIL SUBSTANTIAL GROWTH OF THE GRASS HAS BEEN ESTABLISHED.
3. EROSION CONTROL AND PROPOSED LANDSCAPING WITHIN LOOP RAMP AREAS TO BE DONE BY OTHERS. SEE SEPARATE LANDSCAPING PLANS FOR LANDSCAPING WITHIN CLOVERLEAVES.
4. EROSION CONTROL BLANKET SHALL BE APPLIED TO THE AREAS SHOWN ON THE PLANS WHERE SEEDING CLASS 2A IS USED.









SITE PREPARATION AND REMOVALS NOTES

1. PLANS INDICATE GENERAL LOCATION AND LIMITS OF REMOVALS. CONTRACTOR SHALL PERFORM REMOVALS ONLY AS NECESSARY FOR CONSTRUCTION OF PROPOSED IMPROVEMENTS. NO ADDITIONAL PAYMENTS WILL BE MADE FOR REMOVALS OR RESTORATION NOT REQUIRED TO CONSTRUCT THE IMPROVEMENTS AS DRAWN AND SPECIFIED. REFER TO LAYOUT PLAN FOR MORE SPECIFIC INFORMATION REGARDING PROPOSED IMPROVEMENTS AND VERIFY CONDITIONS IN THE FIELD PRIOR TO PERFORMING REMOVALS.
2. TREE STUMPS SHALL BE GROUND TO A MINIMUM DEPTH OF 18" BELOW EXISTING GRADE OR AS REQUIRED TO PROPERLY PERFORM THE WORK.
3. REMOVE AND DISPOSE OF TURF WHERE PLANTING BEDS ARE DESIGNATED. REFER TO PLANTING PLAN FOR LIMITS OF PROPOSED LANDSCAPE IMPROVEMENTS.
4. CONTRACTOR TO PROTECT ALL SITE FEATURES NOT DESIGNATED FOR REMOVAL. CONTRACTOR IS RESPONSIBLE FOR REPLACING/REPAIRING ANY EXISTING SITE FEATURES DAMAGED DURING CONSTRUCTION.
5. REFER TO CIVIL PLANS FOR ADDITIONAL UTILITY ADJUSTMENTS AND REMOVALS.
6. REFER TO SPECIAL PROVISIONS FOR ADDITIONAL CONDITIONS, STANDARDS AND NOTES.

SITE PREPARATION AND REMOVALS LEGEND

-  CLEARING AND GRUBBING
-  AREA OF MOWING, HERBICIDE SPRAYING
-  WETLANDS
-  TREE TO BE REMOVED
PAID FOR AS TREE REMOVAL BASED ON SIZE. SEE TREE REMOVAL LIST.

TREE REMOVAL LIST

LABEL	SPECIES	SIZE	CONDITION	ACTION
1.1	ELM	8"		REMOVE AND DISPOSE
1.2	ELM	12"		REMOVE AND DISPOSE
1.3	ELM	10"		REMOVE AND DISPOSE
1.4	ELM	12"		REMOVE AND DISPOSE
1.5	ELM	8"		REMOVE AND DISPOSE
1.6	HONEY LOCUST	16"		REMOVE AND DISPOSE
1.7	HONEY LOCUST	22"		REMOVE AND DISPOSE
1.8	HONEY LOCUST	14"		REMOVE AND DISPOSE
1.9	ELM	8"		REMOVE AND DISPOSE
1.10	CRAB	24"		REMOVE AND DISPOSE
1.11	HONEY LOCUST	14"		REMOVE AND DISPOSE
2.1	ELM	12"		REMOVE AND DISPOSE
2.2	ELM	12"		REMOVE AND DISPOSE
2.3	HONEY LOCUST	20"		REMOVE AND DISPOSE
2.4	ELM	10"		REMOVE AND DISPOSE
2.5	BOXELDER	12"		REMOVE AND DISPOSE
2.6	HAWTHORNE	12"		REMOVE AND DISPOSE
2.7	BOXELDER	12"		REMOVE AND DISPOSE
2.8	BOXELDER	30"		REMOVE AND DISPOSE
2.9	ELM	30"		REMOVE AND DISPOSE
2.10	BOXELDER	24"		REMOVE AND DISPOSE
2.11	BOXELDER	24"		REMOVE AND DISPOSE
3.1	ELM	8"		REMOVE AND DISPOSE
3.2	ELM	8"		REMOVE AND DISPOSE
3.3	ELM	8"		REMOVE AND DISPOSE
3.4	HONEY LOCUST	8"		REMOVE AND DISPOSE
3.5	HONEY LOCUST	8"		REMOVE AND DISPOSE
3.6	HONEY LOCUST	20"		REMOVE AND DISPOSE
3.7	ELM	16"		REMOVE AND DISPOSE
3.8	HONEY LOCUST	14"		REMOVE AND DISPOSE
3.9	ELM	12"		REMOVE AND DISPOSE
3.1	ELM	10"		REMOVE AND DISPOSE
3.11	ELM	12"		REMOVE AND DISPOSE
3.12	ELM	12"		REMOVE AND DISPOSE
3.13	ELM	12"		REMOVE AND DISPOSE
3.14	ELM	14"		REMOVE AND DISPOSE
3.15	ELM	8"		REMOVE AND DISPOSE
4.1	HONEY LOCUST	20"		REMOVE AND DISPOSE
4.2	HONEY LOCUST	22"		REMOVE AND DISPOSE
4.3	HONEY LOCUST	22"		REMOVE AND DISPOSE
4.4	HONEY LOCUST	22"		REMOVE AND DISPOSE
4.5	HONEY LOCUST	10"		REMOVE AND DISPOSE
4.6	HONEY LOCUST	20"		REMOVE AND DISPOSE
4.7	ELM	18"		REMOVE AND DISPOSE
4.8	HONEY LOCUST	20"		REMOVE AND DISPOSE
4.9	HONEY LOCUST	16"		REMOVE AND DISPOSE
4.10	HONEY LOCUST	22"		REMOVE AND DISPOSE

FILE NAME = SFILELS

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JOLIET, ILLINOIS 60431
(815) 744-4200

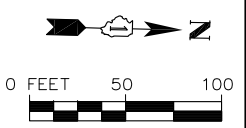
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PLOT DATE = 01/24/13	DATE - 01-24-13	REVISED -

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DEPARTMENT OF TRANSPORTATION**

LANDSCAPE PREPARATION AND REMOVALS PLAN

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	61
CONTRACT NO. 60K77				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



FILE NAME = SFILES



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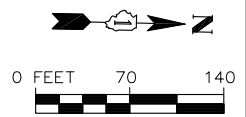
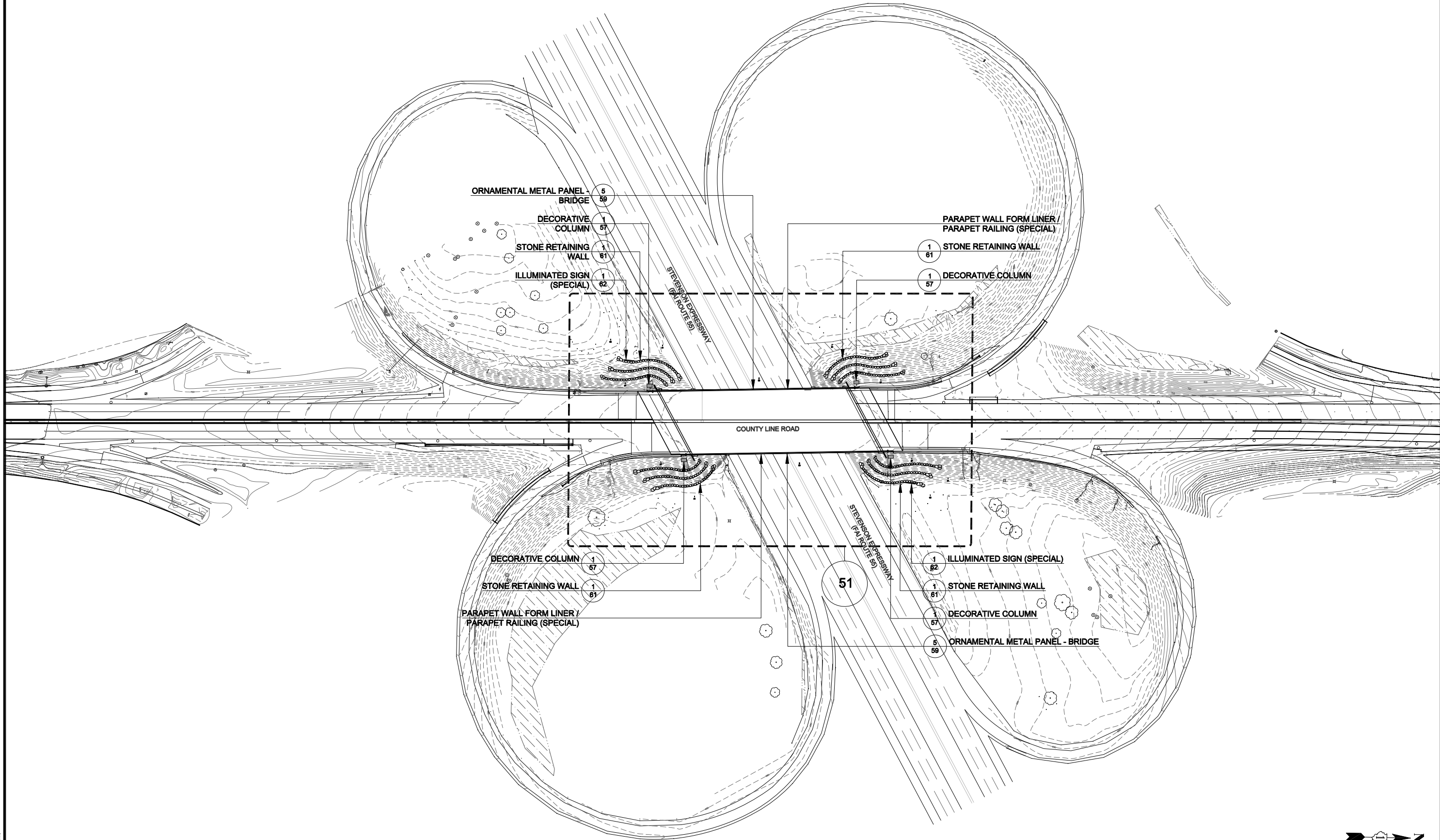
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ENHANCEMENTS PLAN

SCALE: 1"=70' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	62
CONTRACT NO. 60K77				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

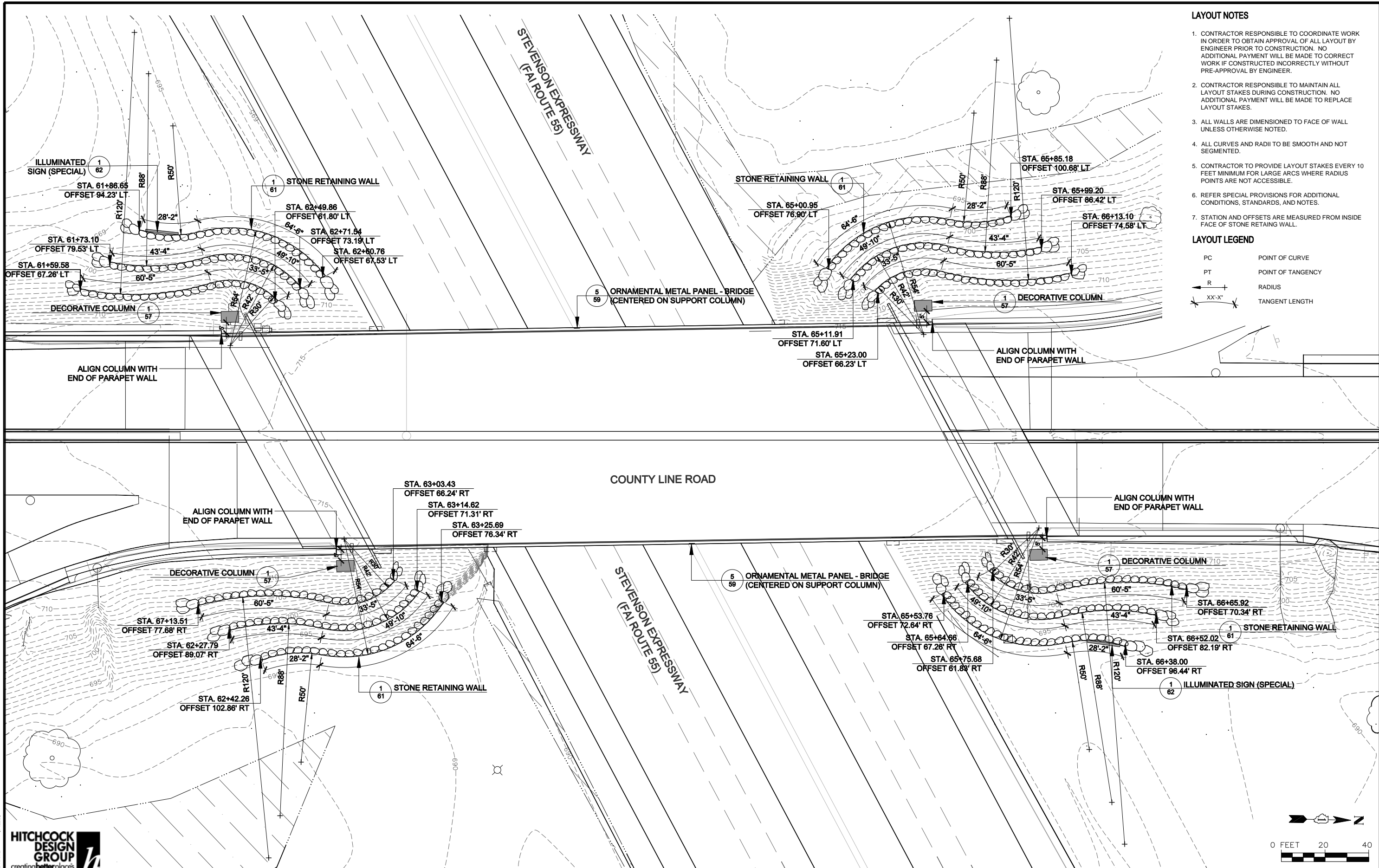


LAYOUT NOTES

1. CONTRACTOR RESPONSIBLE TO COORDINATE WORK IN ORDER TO OBTAIN APPROVAL OF ALL LAYOUT BY ENGINEER PRIOR TO CONSTRUCTION. NO ADDITIONAL PAYMENT WILL BE MADE TO CORRECT WORK IF CONSTRUCTED INCORRECTLY WITHOUT PRE-APPROVAL BY ENGINEER.
2. CONTRACTOR RESPONSIBLE TO MAINTAIN ALL LAYOUT STAKES DURING CONSTRUCTION. NO ADDITIONAL PAYMENT WILL BE MADE TO REPLACE LAYOUT STAKES.
3. ALL WALLS ARE DIMENSIONED TO FACE OF WALL UNLESS OTHERWISE NOTED.
4. ALL CURVES AND RADII TO BE SMOOTH AND NOT SEGMENTED.
5. CONTRACTOR TO PROVIDE LAYOUT STAKES EVERY 10 FEET MINIMUM FOR LARGE ARCS WHERE RADIUS POINTS ARE NOT ACCESSIBLE.
6. REFER SPECIAL PROVISIONS FOR ADDITIONAL CONDITIONS, STANDARDS, AND NOTES.
7. STATION AND OFFSETS ARE MEASURED FROM INSIDE FACE OF STONE RETAINING WALL.

LAYOUT LEGEND

- PC POINT OF CURVE
- PT POINT OF TANGENCY
- R RADIUS
- XX-X' TANGENT LENGTH



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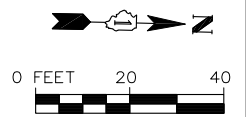
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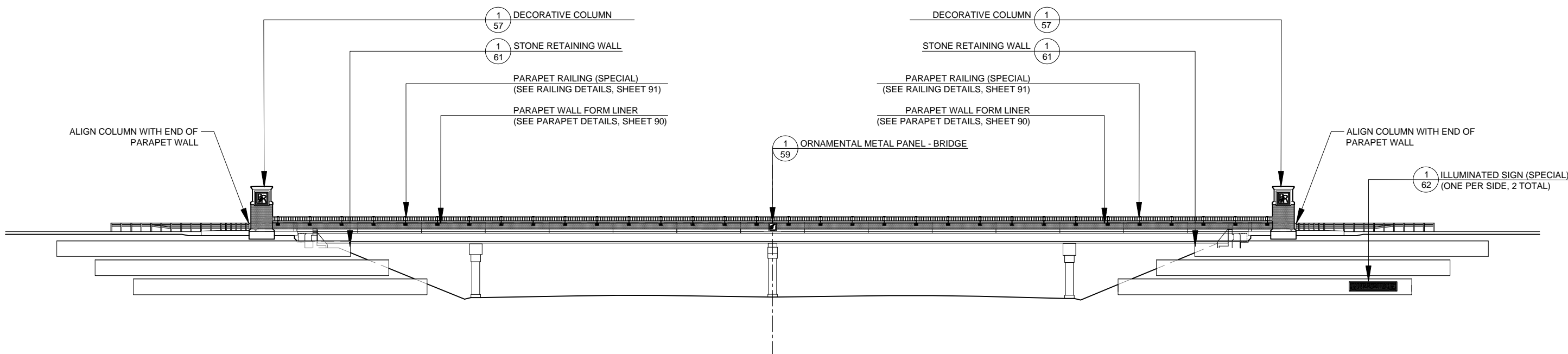
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DEPARTMENT OF TRANSPORTATION**

ENHANCEMENTS PLAN ENLARGEMENT

SCALE: 1"=20' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	63
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K77	





NOTE:
ENHANCEMENTS MIRRORED,
BOTH SIDES OF BRIDGE

FILE NAME = SFILES



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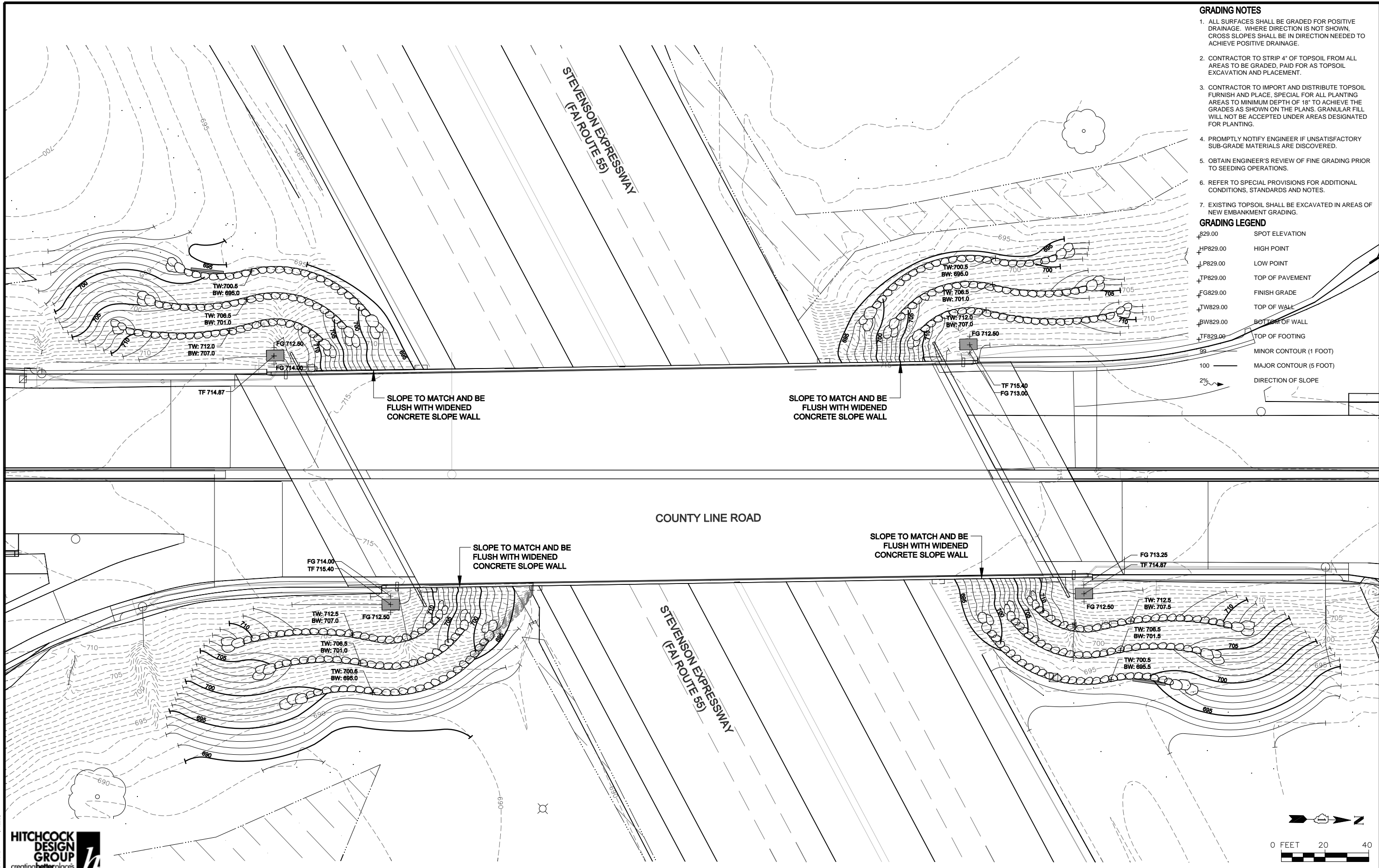
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ENHANCEMENTS - BRIDGE ELEVATION

SCALE: 1"=16' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	64
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K77	



- GRADING NOTES**
- ALL SURFACES SHALL BE GRADED FOR POSITIVE DRAINAGE. WHERE DIRECTION IS NOT SHOWN, CROSS SLOPES SHALL BE IN DIRECTION NEEDED TO ACHIEVE POSITIVE DRAINAGE.
 - CONTRACTOR TO STRIP 4" OF TOPSOIL FROM ALL AREAS TO BE GRADED, PAID FOR AS TOPSOIL EXCAVATION AND PLACEMENT.
 - CONTRACTOR TO IMPORT AND DISTRIBUTE TOPSOIL FURNISH AND PLACE, SPECIAL FOR ALL PLANTING AREAS TO MINIMUM DEPTH OF 18" TO ACHIEVE THE GRADES AS SHOWN ON THE PLANS. GRANULAR FILL WILL NOT BE ACCEPTED UNDER AREAS DESIGNATED FOR PLANTING.
 - PROMPTLY NOTIFY ENGINEER IF UNSATISFACTORY SUB-GRADE MATERIALS ARE DISCOVERED.
 - OBTAIN ENGINEER'S REVIEW OF FINE GRADING PRIOR TO SEEDING OPERATIONS.
 - REFER TO SPECIAL PROVISIONS FOR ADDITIONAL CONDITIONS, STANDARDS AND NOTES.
 - EXISTING TOPSOIL SHALL BE EXCAVATED IN AREAS OF NEW EMBANKMENT GRADING.
- GRADING LEGEND**
- 829.00 SPOT ELEVATION
 - HP829.00 HIGH POINT
 - LP829.00 LOW POINT
 - TP829.00 TOP OF PAVEMENT
 - FG829.00 FINISH GRADE
 - TW829.00 TOP OF WALL
 - BW829.00 BOTTOM OF WALL
 - TF829.00 TOP OF FOOTING
 - 99 MINOR CONTOUR (1 FOOT)
 - 100 MAJOR CONTOUR (5 FOOT)
 - 2% DIRECTION OF SLOPE



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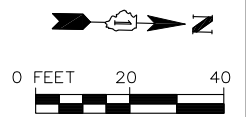
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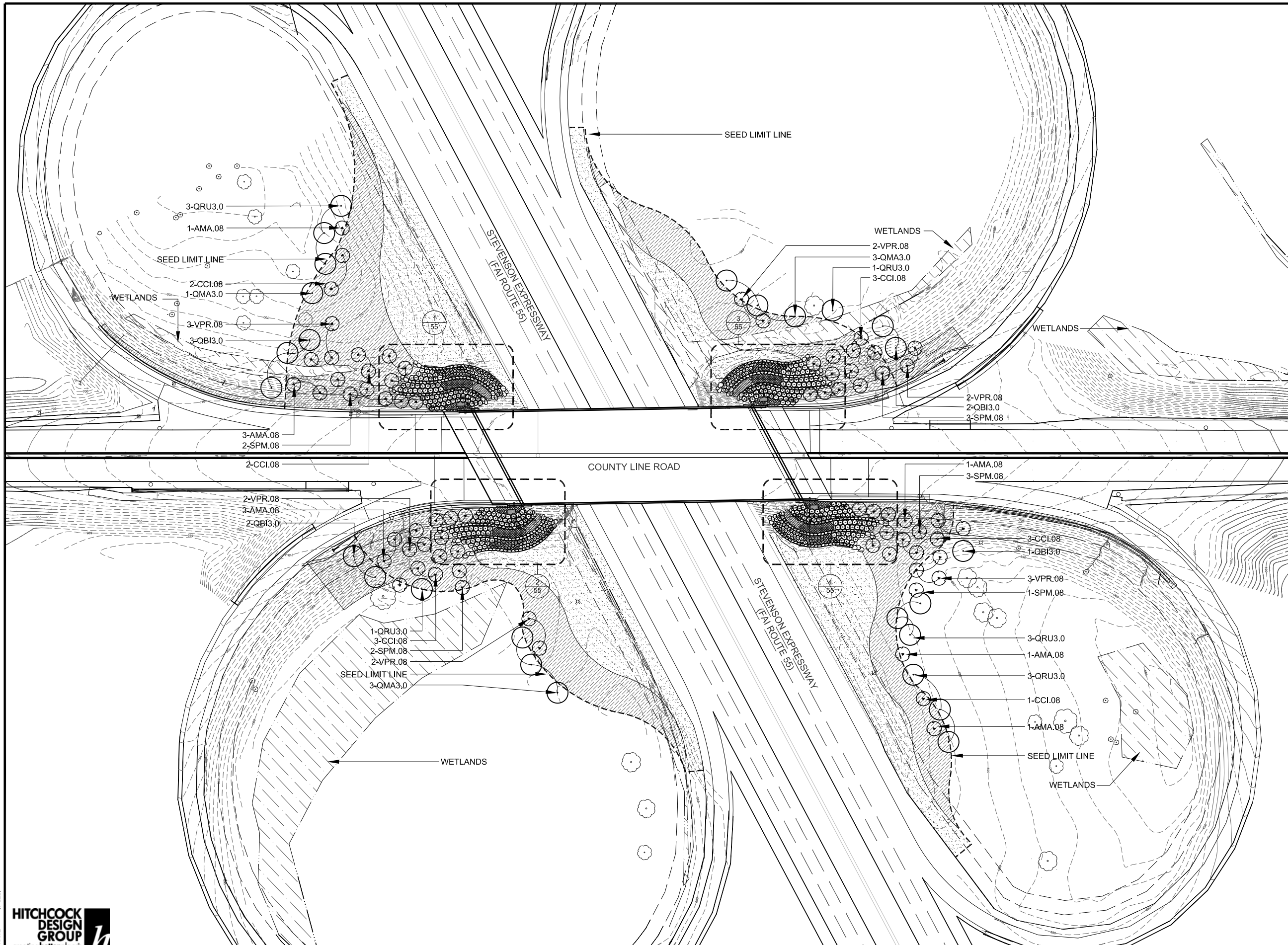
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GRADING PLAN

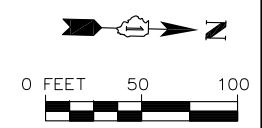
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	65
CONTRACT NO. 60K77				
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		





- PLANTING LEGEND**
- EXISTING TREE
 - SHADE TREE, TYPICAL. SEE DETAIL FOR INSTALLATION.
 - ORNAMENTAL TREE, TYPICAL. SEE DETAIL FOR INSTALLATION.
 - SHRUB, TYPICAL. SEE DETAIL FOR INSTALLATION.
 - PERENNIAL, GROUNDCOVER AND ANNUAL, TYPICAL. SEE DETAIL FOR INSTALLATION.
 - SEEDING CLASS 2A AND 4" OF TOPSOIL
 - SEEDING CLASS 4 (MODIFIED) AND 4" OF TOPSOIL
 - WETLANDS



FILE NAME = SFILELS

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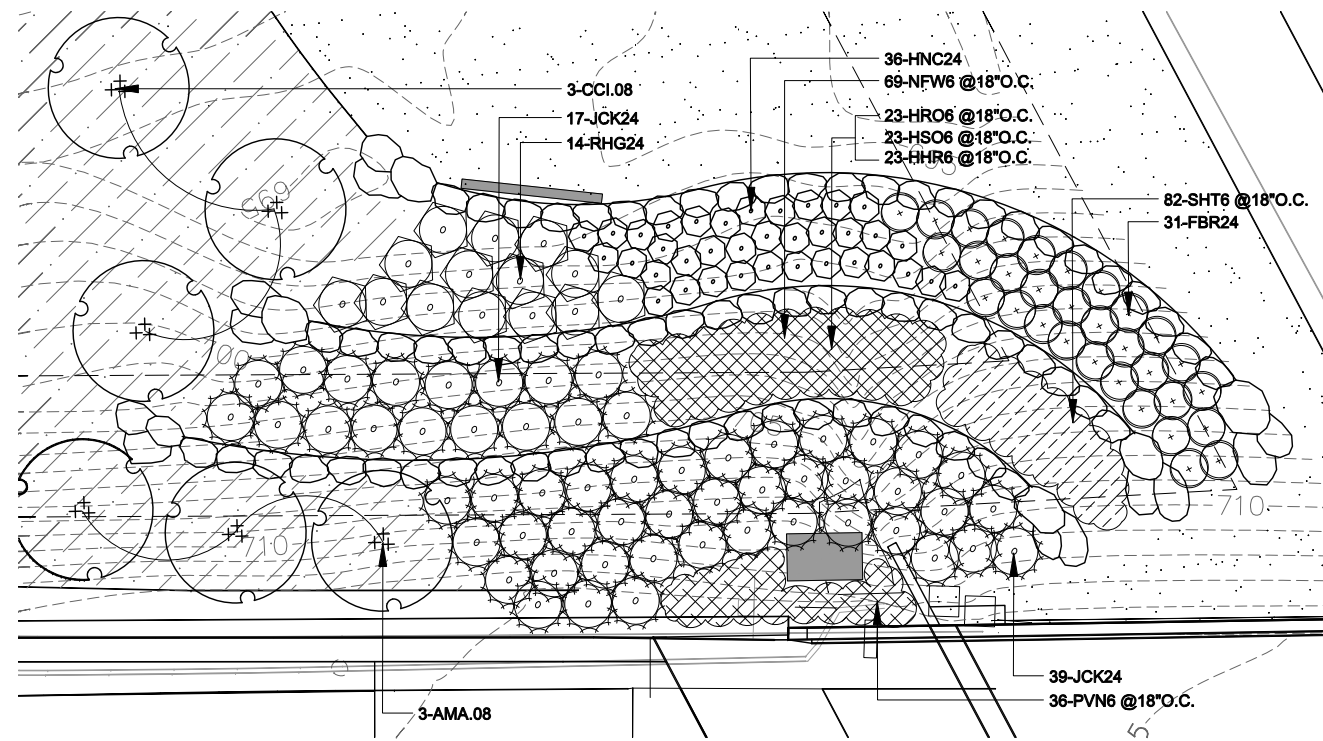
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DEPARTMENT OF TRANSPORTATION**

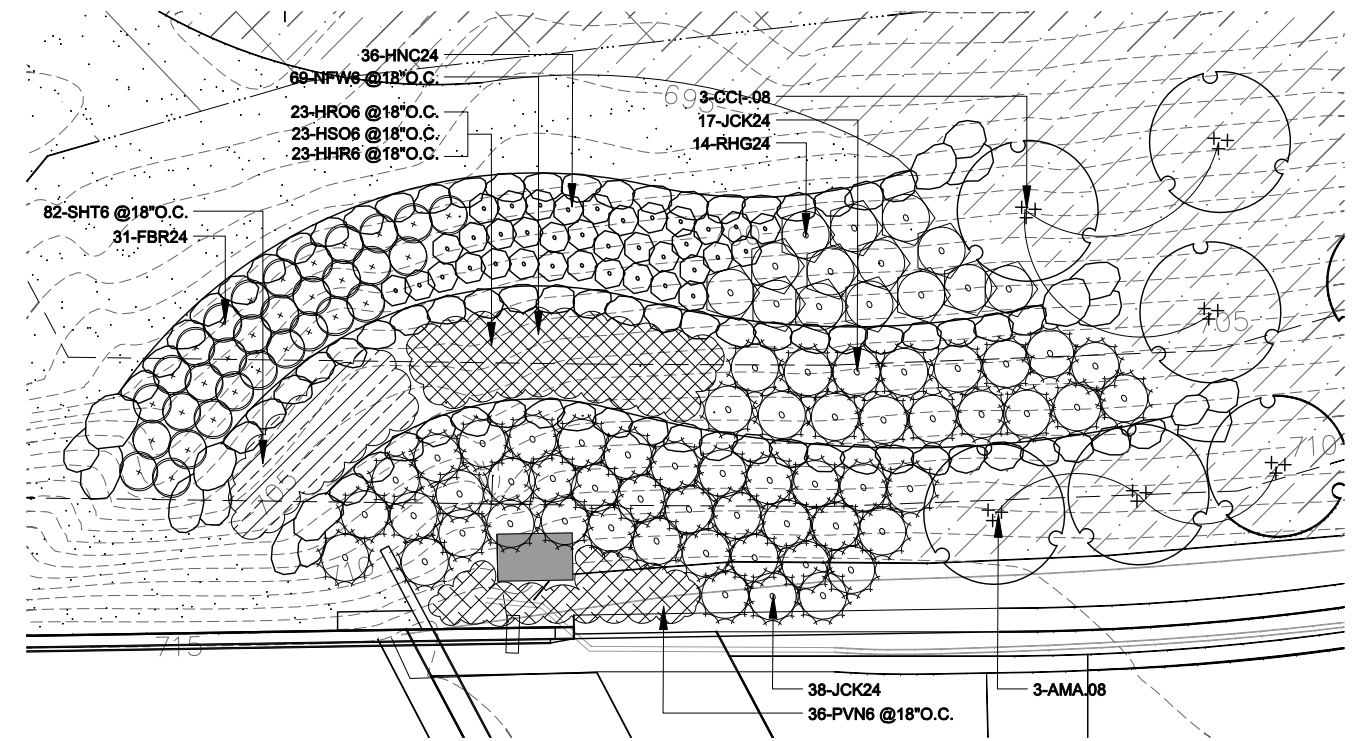
LANDSCAPE PLAN

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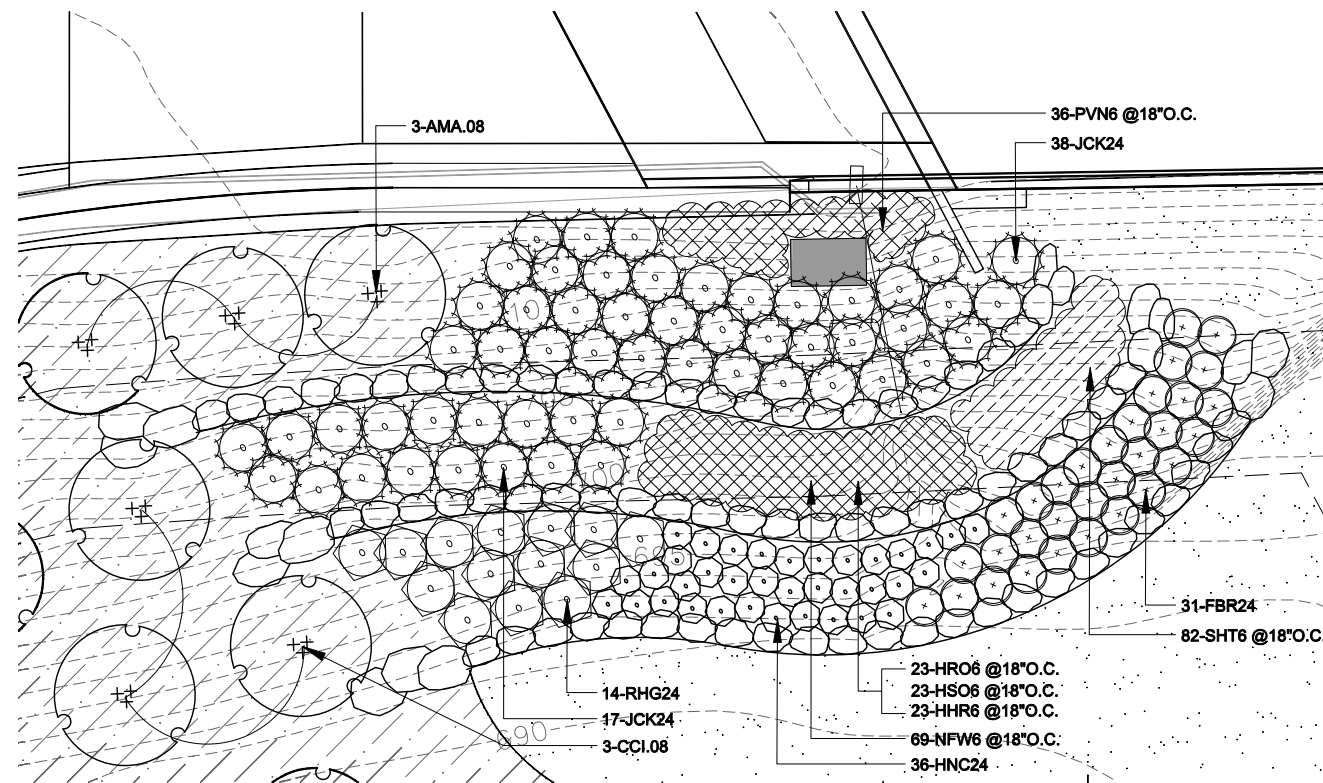
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	66
CONTRACT NO. 60K77				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



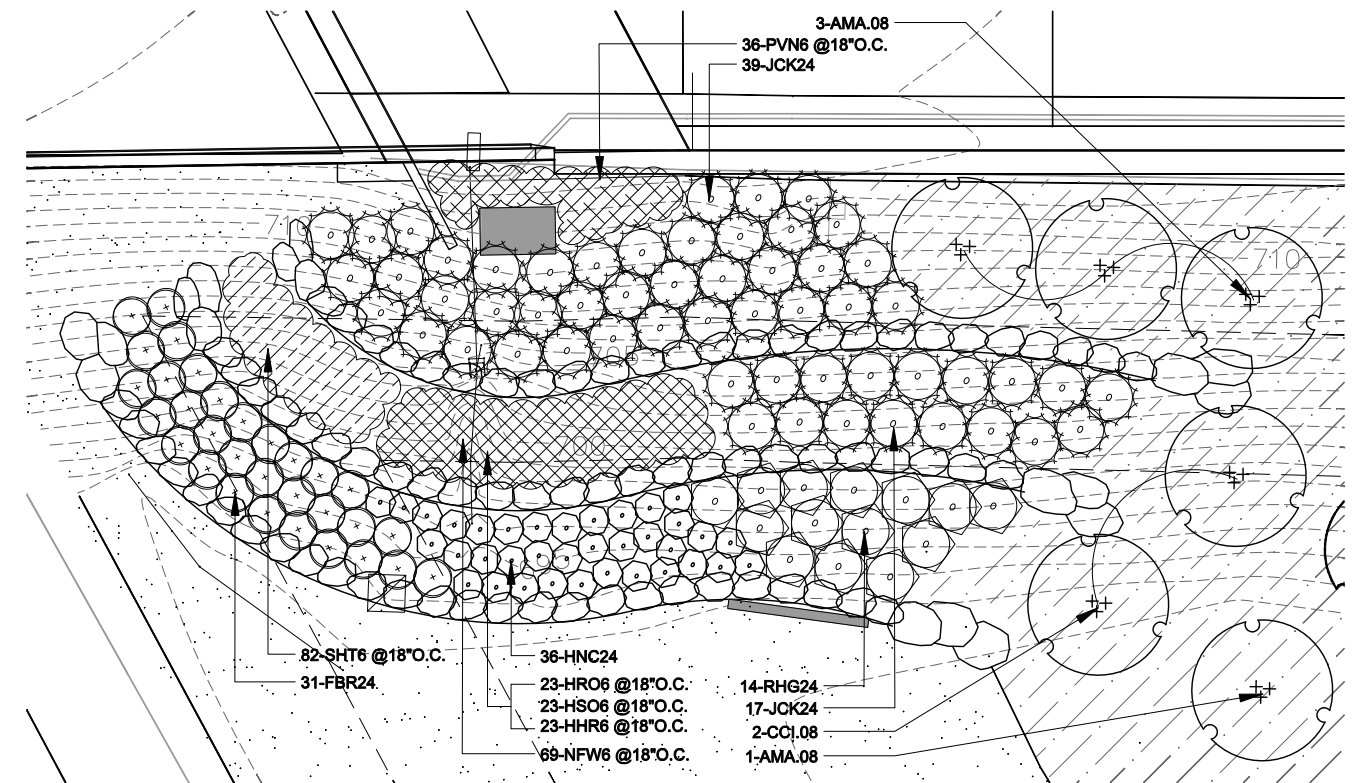
1 PLANTING PLAN ENLARGEMENT - SOUTHWEST



3 PLANTING PLAN ENLARGEMENT - NORTHWEST



2 PLANTING PLAN ENLARGEMENT - SOUTHEAST



4 PLANTING PLAN ENLARGEMENT - NORTHEAST

FILE NAME = SFILES



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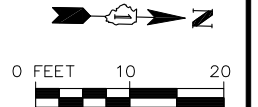
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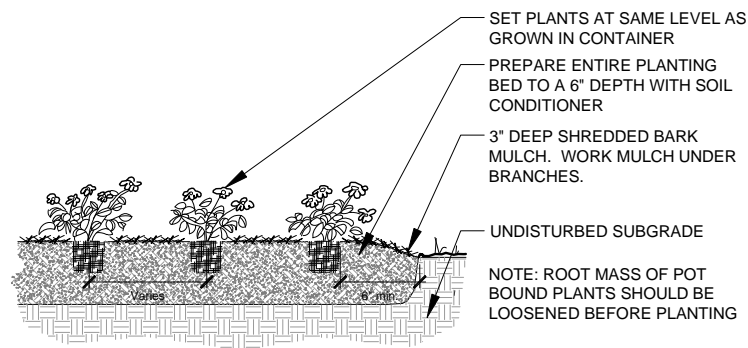
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LANDSCAPE PLAN - ENLARGEMENTS

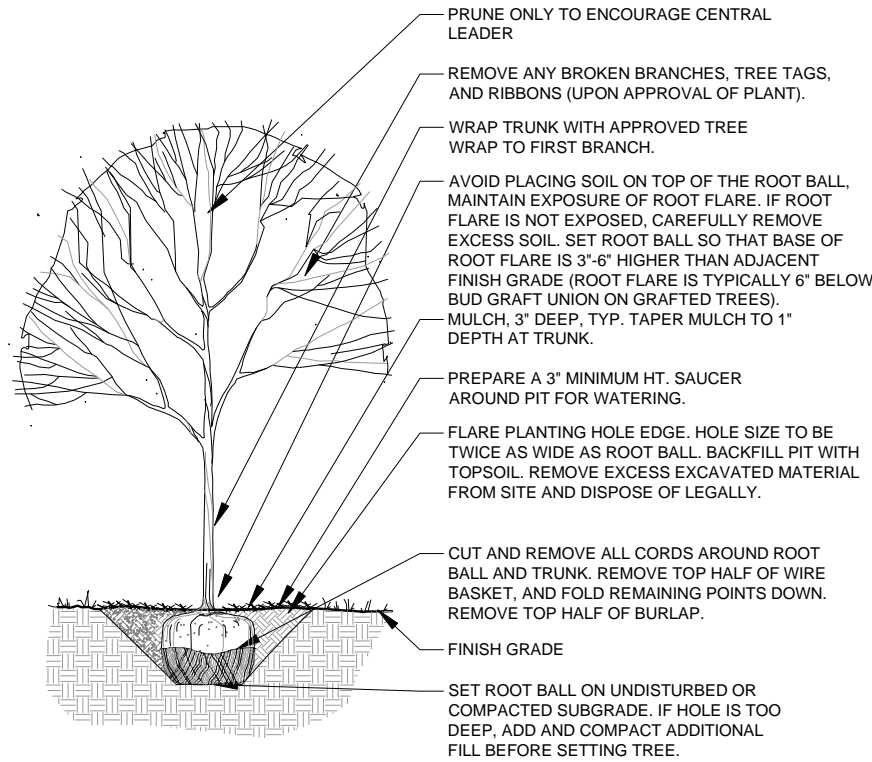
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F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 60K77				

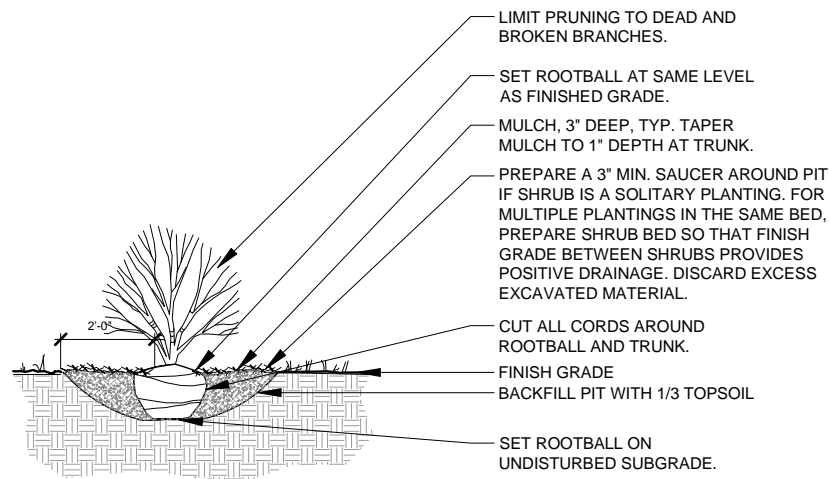




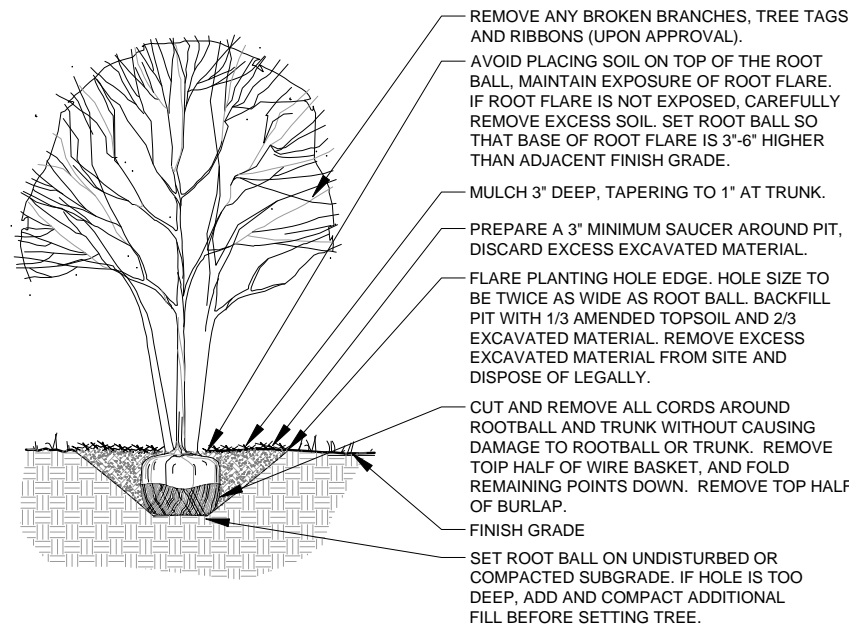
1 PERENNIAL PLANTING
SCALE: 1/2" = 1'-0"
D-PLANT-ANN-PERENN



3 DECIDUOUS TREE PLANTING
SCALE: 1/2" = 1'-0"
D-PLANT-TREE-DEC



2 SHRUB PLANTING
SCALE: 1/2" = 1'-0"
D-PLANT-SHRUB



4 ORNAMENTAL TREE PLANTING
SCALE: 1/2" = 1'-0"
D-PLANT-TREE-ORN

PLANTING NOTES

- PRIOR TO SEEING OPERATIONS, MOW AND APPLY WEED CONTROL TO ALL EXISTING AREAS TO BE SEED NOT ALREADY DISTURBED BY CONSTRUCTION OPERATIONS. CONFIRM MOWING, WEED CONTROL AND SEED LIMIT LINES WITH THE ENGINEER PRIOR TO BEGINNING OPERATIONS.
- SEED LIMIT LINE IS APPROXIMATE. CONTRACTOR TO LAYOUT SEE LIMIT LINES IN FIELD WITH ENGINEER. SEED TO LIMITS OF GRADING AND DISTURBANCE. CONTRACTOR RESPONSIBLE FOR RESTORATION OF ANY UNAUTHORIZED DISRUPTION OUTSIDE OF DESIGNATED CONSTRUCTION AREA.
- CONTRACTOR TO PROVIDE MULCH METHOD 2 IN ALL SEEDED AREAS, EROSION CONTROL BLANKET ON ALL SLOPED AREAS OR AS DIRECTED IN FIELD WITH ENGINEER.
- TREE MULCH RINGS IN TURF AREAS ARE 5 FOOT DIAMETER. TYPICAL. CONTRACTOR SHALL PROVIDE A MULCH RING AROUND ALL EXISTING TREES WITHIN THE LIMIT OF WORK. REMOVE ALL EXISTING GRASS FROM AREA TO BE MULCHED AND PROVIDE A TYPICAL V-TRENCH EDGE.
- BEDLINES ARE TO BE SPADE CUT TO A MINIMUM DEPTH OF 3 INCHES UNLESS OTHERWISE SHOWN ON THE PLANS. CURVED BEDLINES ARE TO BE SMOOTH AND NOT SEGMENTED.
- PAYMENTS WILL BE MADE BASED ON ACTUAL QUANTITIES INSTALLED AS MEASURED IN PLACE BY THE ENGINEER.
- REFER TO SPECIAL PROVISIONS FOR ADDITIONAL CONDITIONS, STANDARDS AND NOTES.
- PERENNIALS PAID FOR AS PERENNIAL PLANTS, ORNAMENTAL TYPE, GALLON POT, 100 PLANTS PER UNIT: 10.24 UNITS.

PLANT MATERIAL LIST

CODE	BOTANICAL NAME	COMMON NAME	SIZE	QTY
SHADE TREES				
QB3.0	QUERCUS BICOLOR	SWAMP WHITE OAK	3" C	8
QMA3.0	QUERCUS MACROCARPA	BUR OAK	3" C	7
QRU3.0	QUERCUS RUBRA	RED OAK	3" C	11
INTERMEDIATE TREES				
AMA.08	AMELANCHIER X GRANDIFOLIA 'AUTUMN BRILLIANCE'	AUTUMN BRILLIANCE SERVICEBERRY	7' HT	23
CCI.08	CRATAEGUS CRUSGALLI VAR. 'BIERMIS'	THORNLESS COCKSPUR HAWTHORN	7' HT	25
SPM.08	SYRINGA PEKINENSIS 'MORTON'	CHINA SNOW PEKING LILAC	7' HT	11
DECIDUOUS SHRUBS				
FBR24	FORSYTHIA VIRIDISSIMA 'BRONXENSIS'	BRONX GREENSTEM FORSYTHIA	24" W	124
RHG24	RHUS AROMATICA 'GRO-LOW'	GRO-LOW FRAGRANT SUMAC	24" W	56
HNC24	HYDRANGEA ARBORESCENS 'NCHA1'	INVINCIBELLE SPIRIT HYDRANGEA	24" HT	144
VPR.08	VIBURNUM PRUNIFOLIUM	BLACKHAW VIBURNUM	6" HT	14
EVERGREEN SHRUBS				
JCK24	JUNIPERUS CHINENSIS 'KALLAY COMPACT'	KALLAY COMPACT CHINESE JUNIPER	24" W	222
PERENNIALS				
HHR6	HERMEROCALLIS 'HAPPY RETURNS'	HAPPY RETURNS DAYLILY	1 GAL	92
HRO6	HERMEROCALLIS 'ROSEY RETURNS'	ROSEY RETURNS DAYLILY	1 GAL	92
HSO6	HERMEROCALLIS 'STELLA DE ORO'	STELLA DE ORO DWARF DAYLILY	1 GAL	92
NFW6	NEPETA X FAASSENII 'WALKER'S LOW'	WALKER'S LOW CATMINT	1 GAL	276
PVN6	PANICUM VIRGATUM 'NORTHWIND'	NORTHWIND SWITCHGRASS	1 GAL	144
SH16	SPOROBOLUS HETEROLEPIS 'TARA'	TARA PRAIRIE DROPSEED	1 GAL	328

FILE NAME = SFILES



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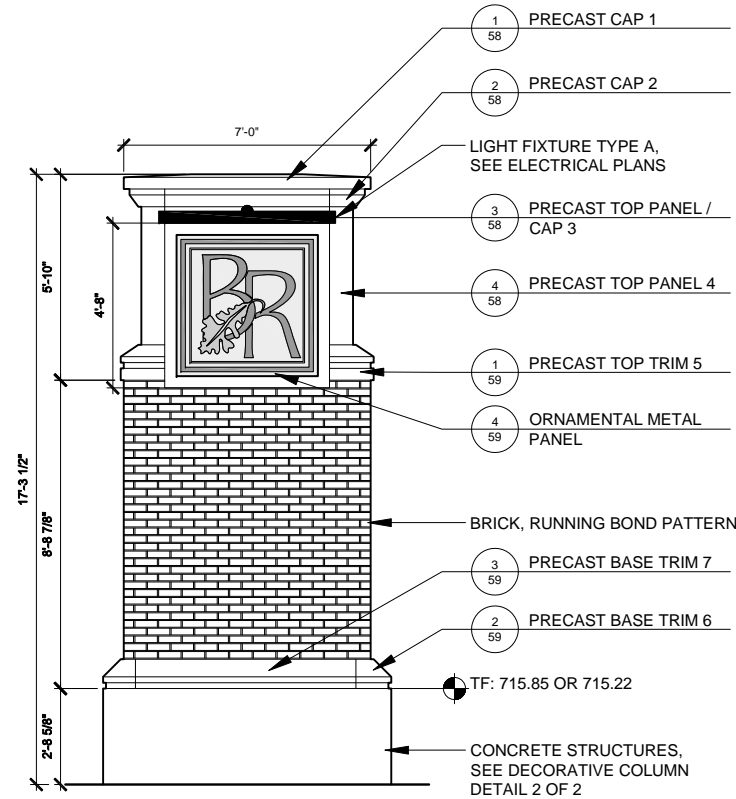
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LANDSCAPE PLAN - DETAILS AND NOTES
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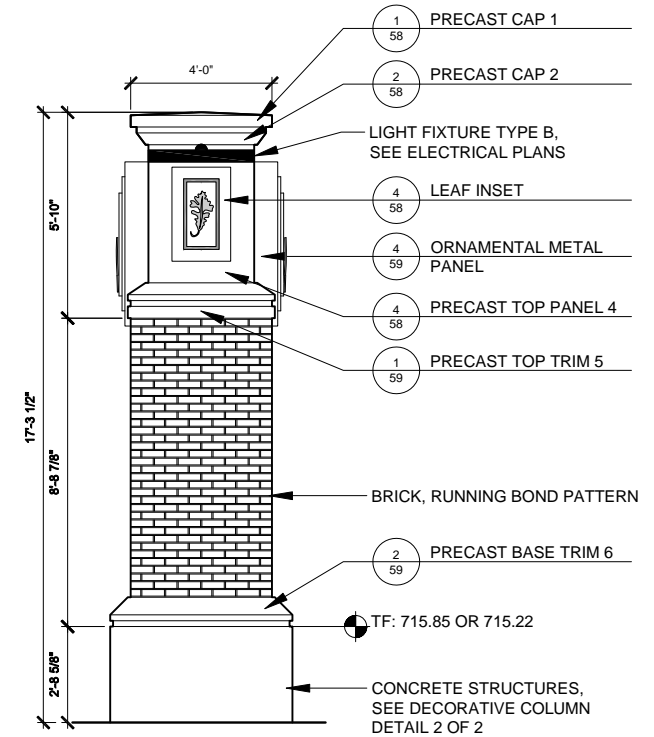
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	68
CONTRACT NO. 60K77				

MASONRY COLUMN NOTES

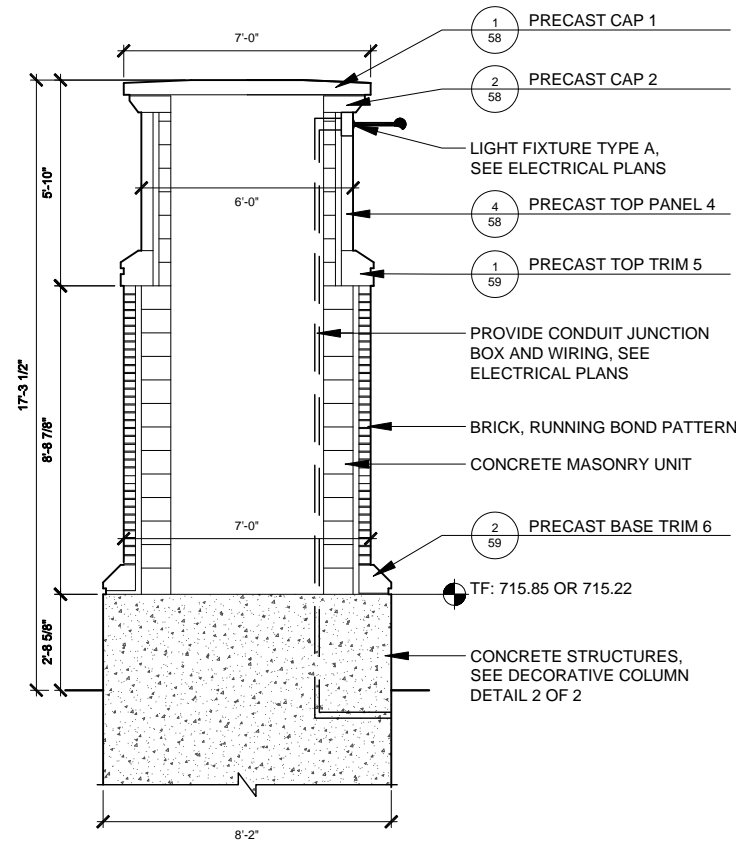
- REFER TO ADDITIONAL DECORATIVE COLUMN DETAILS, SHEET 2 OF 4, 3 OF 4 AND 4 OF 4. COSTS OF BRICK, BLOCK AND ALL PRECAST ITEMS SHALL BE INCLUDED IN THE COST OF MASONRY COLUMN, LARGE
- PROVIDE ORNAMENTAL METAL PANELS ON 2 SIDES OF DECORATIVE COLUMN. ORNAMENTAL METAL PANELS TO BE PAID FOR SEPARATELY PER EACH.
- PROVIDE PRECAST LEAF INSET ON 2 SIDES OF DECORATIVE COLUMN. PRECAST LEAF INSETS SHALL BE INCLUDED IN THE COST OF MASONRY COLUMN, LARGE.



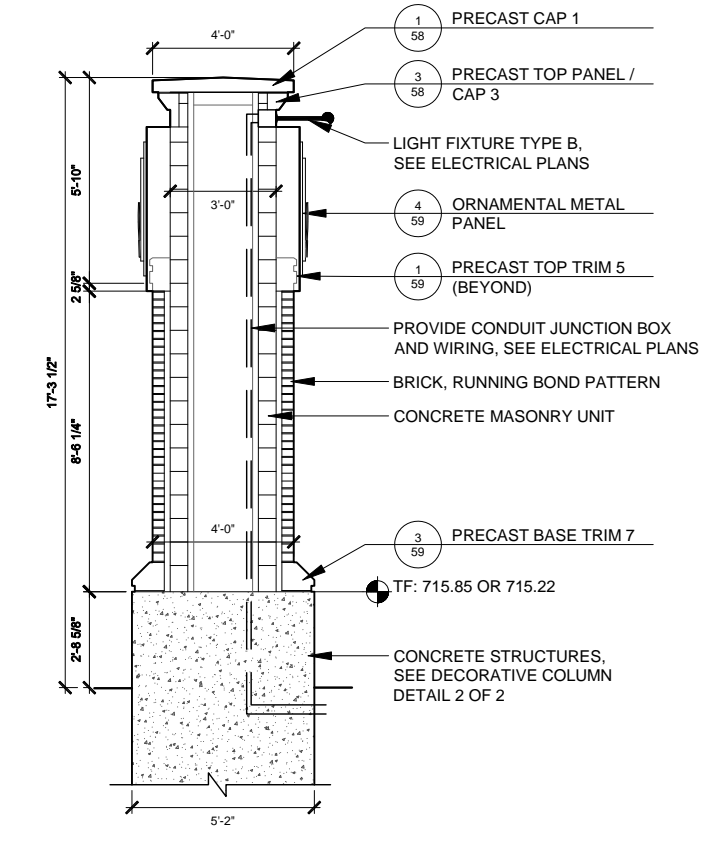
1 DECORATIVE COLUMN - ELEVATION A
Scale: 3/8" = 1'-0" D-COLUMN-ELEV-A



3 DECORATIVE COLUMN - ELEVATION B
Scale: 3/8" = 1'-0" D-COLUMN-ELEV-B



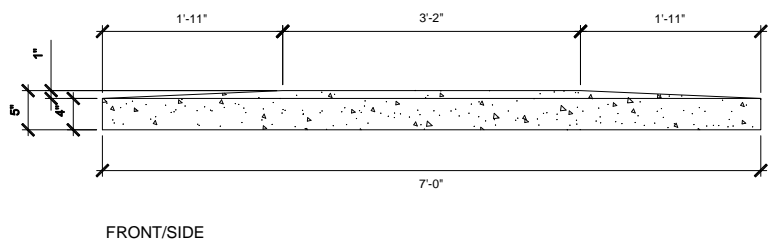
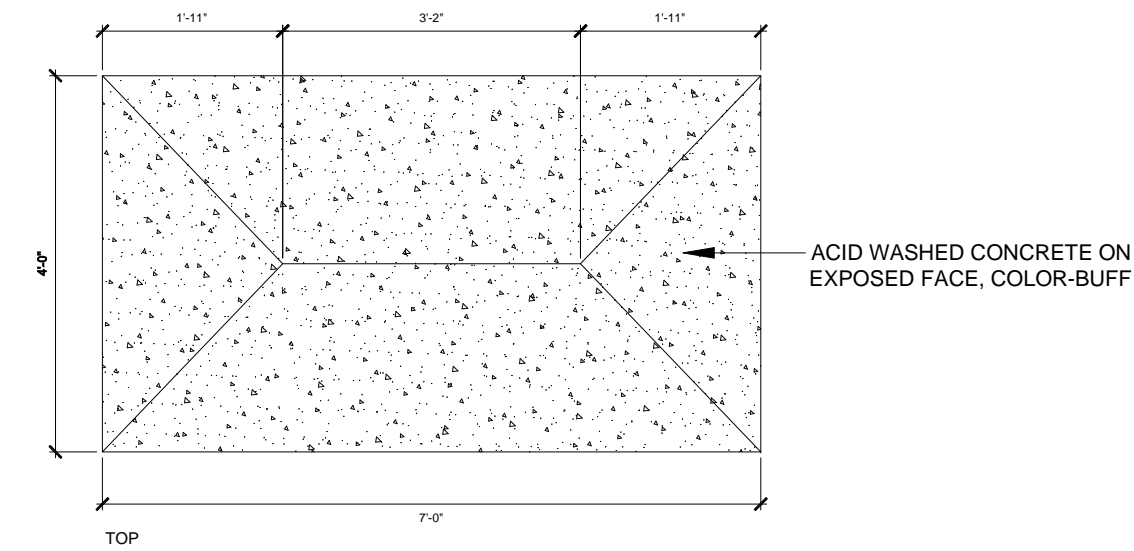
2 DECORATIVE COLUMN - SECTION A
SCALE: 3/8" = 1'-0" D-COLUMN-SEC-A



4 DECORATIVE COLUMN - SECTION B
SCALE: 3/8" = 1'-0" D-COLUMN-SEC-B

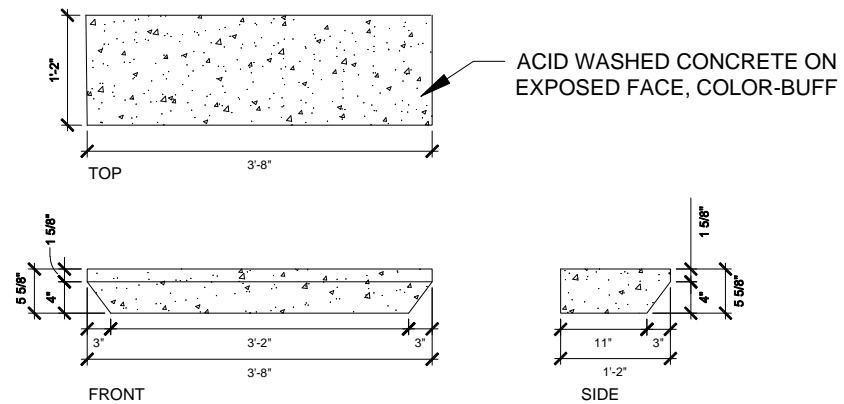
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PLOT DATE = 01/24/13	DATE - 01-24-13	REVISED -

F.A.I. RTE. 55	SECTION 22-1HB-R	COUNTY COOK/DUPAGE	TOTAL SHEETS 161	SHEET NO. 69
CONTRACT NO. 60K77				



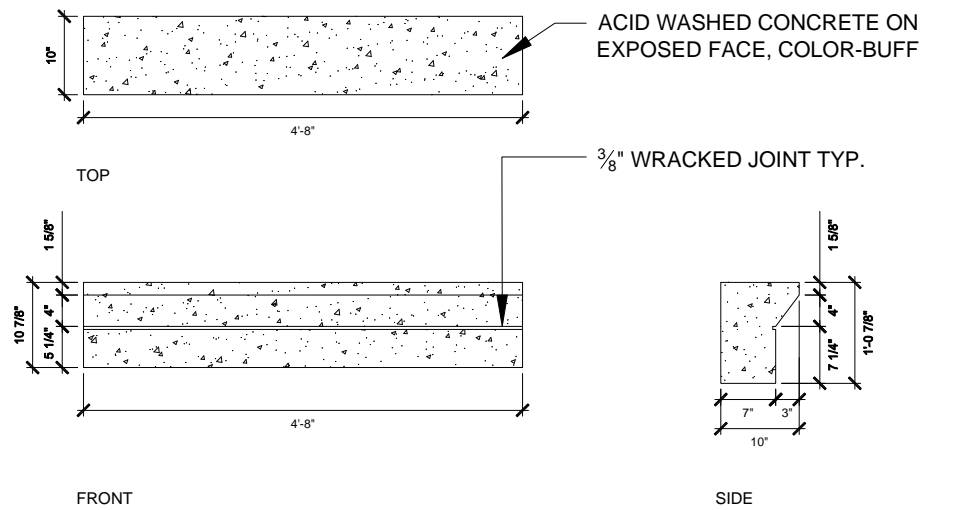
1 PRECAST CAP (PIECE 1)
SCALE: 1" = 1'-0"

D-PRECAST-PIECE-1



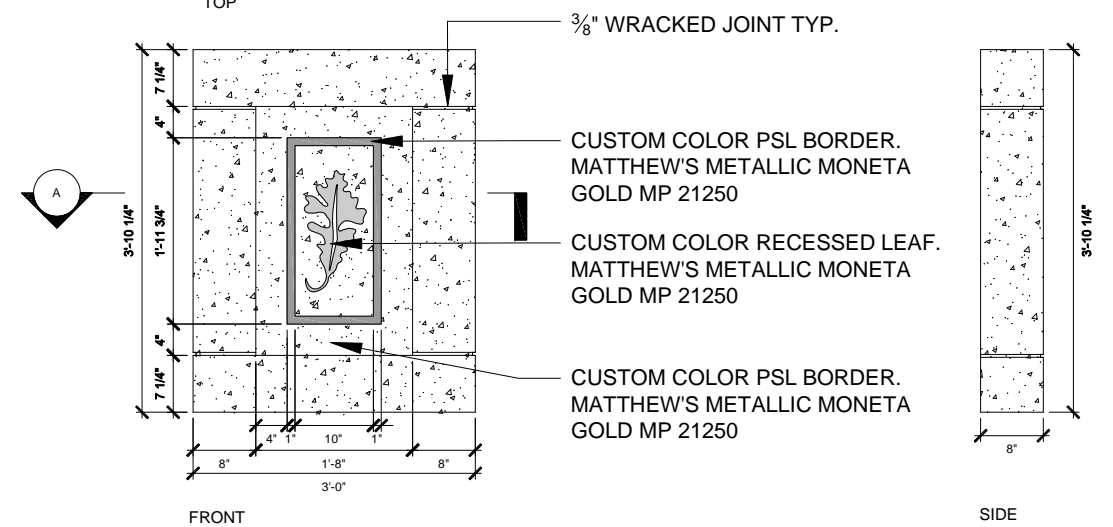
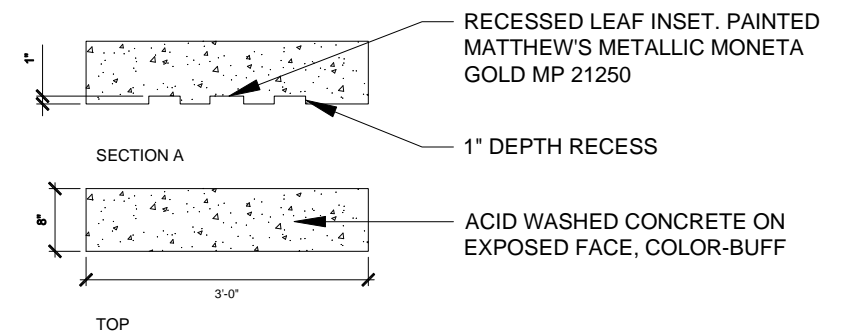
2 PRECAST CAP (PIECE 2)
SCALE: 1" = 1'-0"

D-PRECAST-PIECE-2



3 PRECAST TOP PANEL/CAP (PIECE 3)
SCALE: 1" = 1'-0"

D-PRECAST-PIECE-3



4 PRECAST TOP PANEL (PIECE 4)
SCALE: 1" = 1'-0"

D-PRECAST-PIECE-4

FILE NAME = SFILES



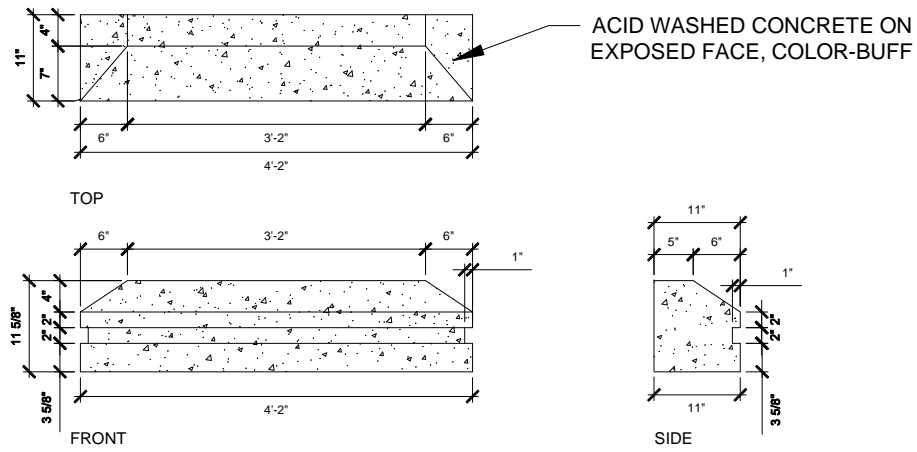
1170 SOUTH HOUBOLT ROAD JOLIET, ILLINOIS 60431 (815) 744-4200	USER NAME = BFM	DESIGNED - BFM	REVISED -
		DRAWN - ANS	REVISED -
		CHECKED - TCK	REVISED -
PLOT DATE = 01/24/13		DATE - 01-24-13	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

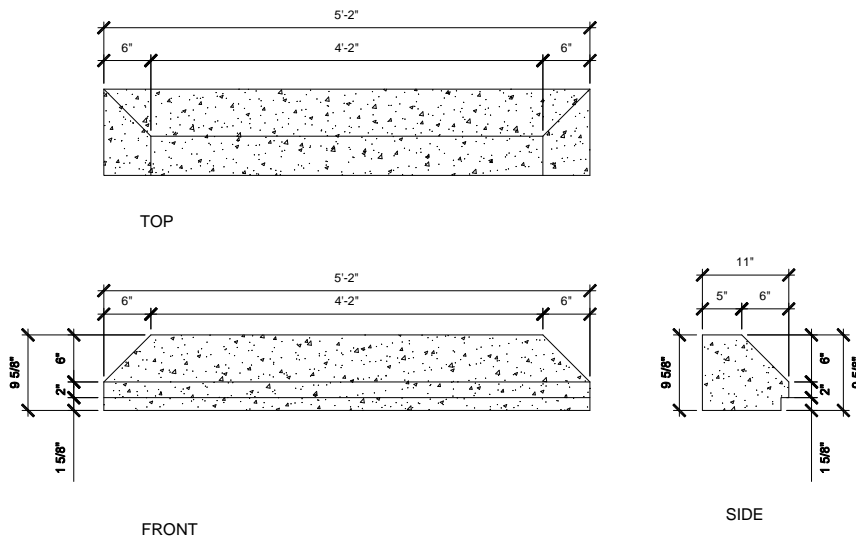
DECORATIVE COLUMN DETAIL (2 OF 4)

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

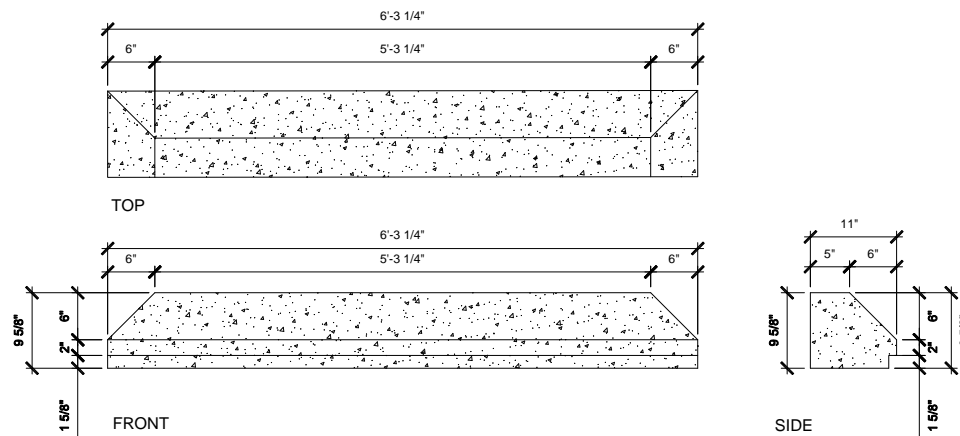
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	70
CONTRACT NO. 60K77				



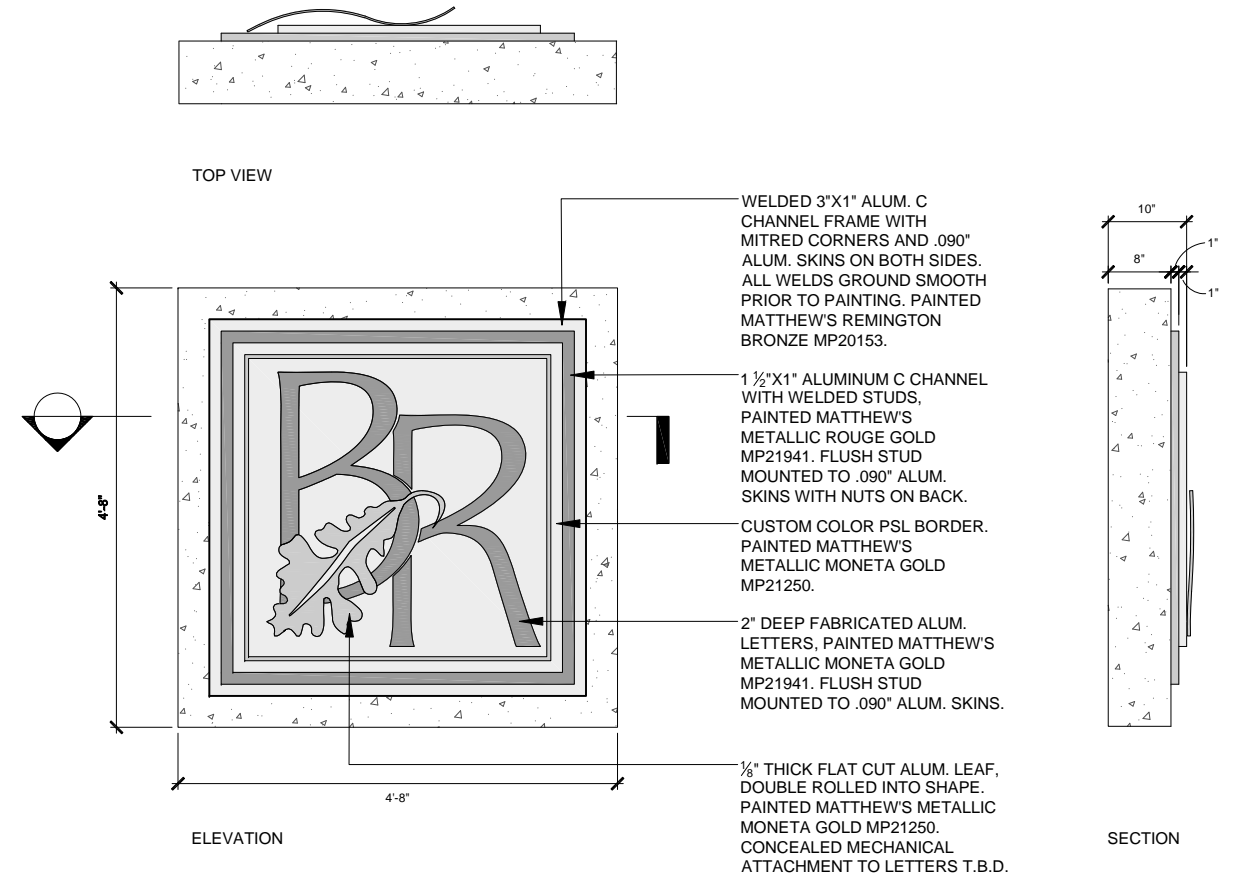
1 PRECAST TOP TRIM (PIECE 5)
SCALE: 1" = 1'-0" D-PRECAST-PIECE-5



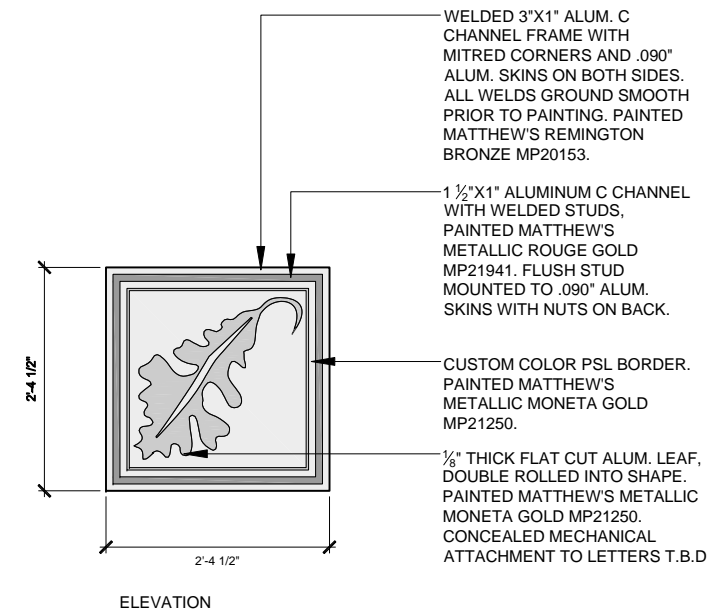
2 PRECAST BASE TRIM (PIECE 6)
SCALE: 1" = 1'-0" D-PRECAST-PIECE-6



3 PRECAST BASE TRIM (PIECE 7)
SCALE: 1" = 1'-0" D-PRECAST-PIECE-7



4 ORNAMENTAL METAL PANEL - COLUMN
SCALE: 1" = 1'-0" D-SIGN-PANEL-COLUMN



5 ORNAMENTAL METAL PANEL - BRIDGE
SCALE: 1" = 1'-0" D-SIGN-PANEL-COLUMN



1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
STRAND ASSOCIATES

USER NAME = BFM	DESIGNED - BFM	REVISED -
	DRAWN - ANS	REVISED -
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PLOT DATE = 01/24/13	DATE - 01-24-13	REVISED -

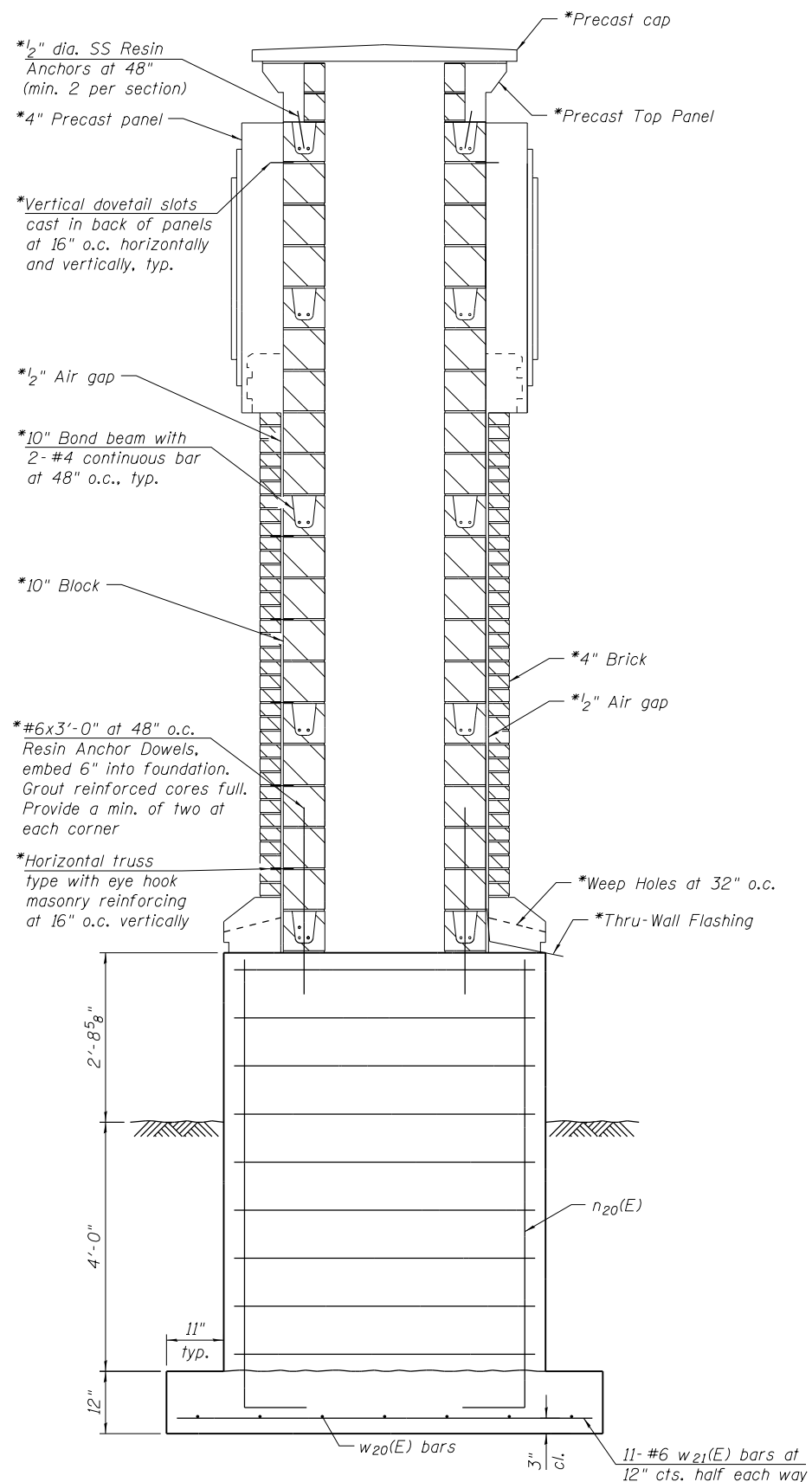
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DECORATIVE COLUMN DETAIL (3 OF 4)

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

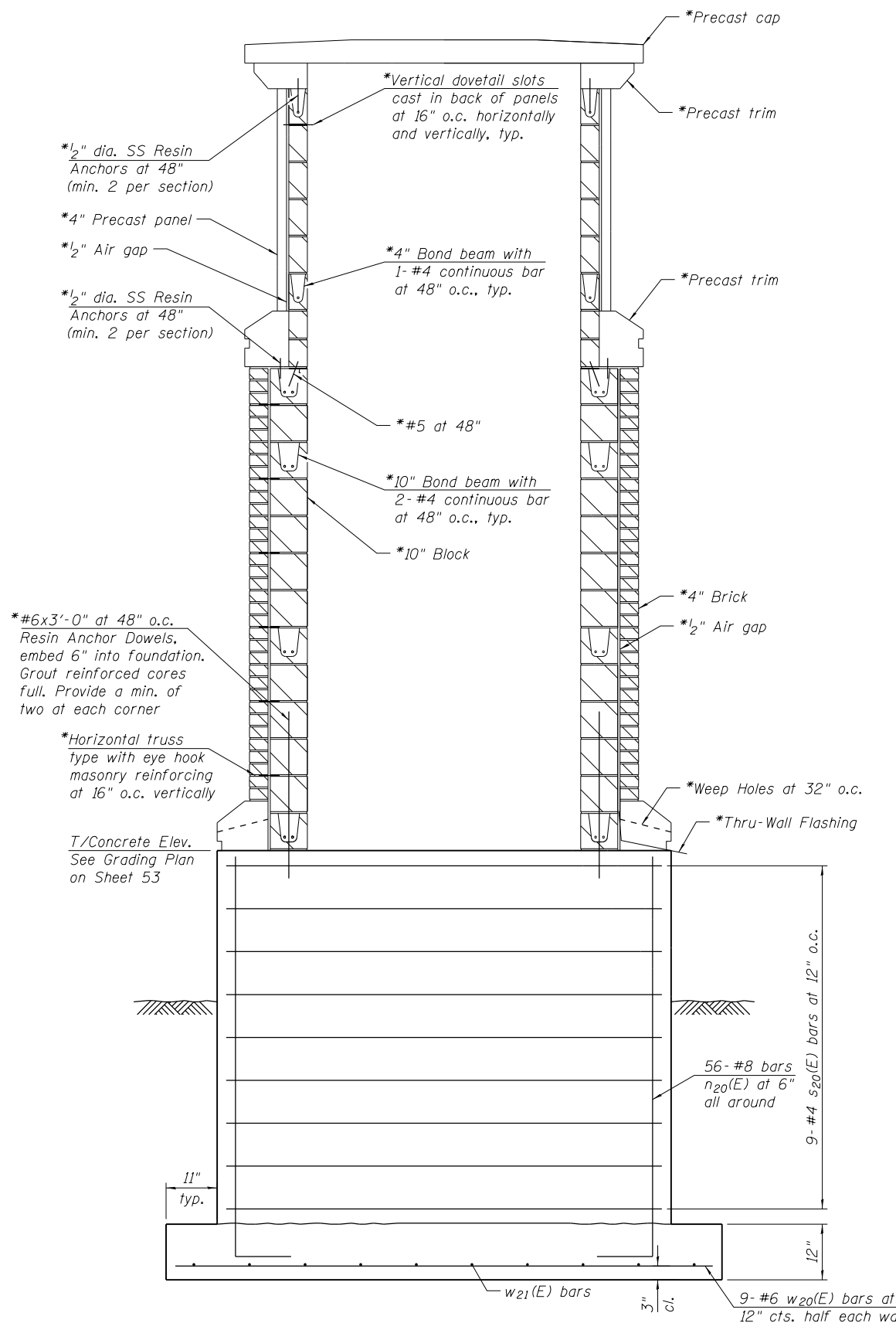
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	71
CONTRACT NO. 60K77				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Notes:
See Decorative Column Details on Sheet 57-60 for column dimensions, height, elevation and precast details.



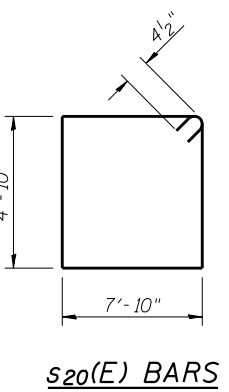
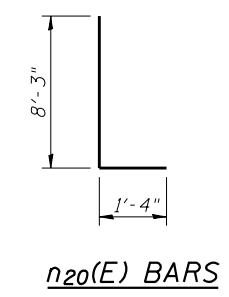
DECORATIVE COLUMN SECTION A

*Cost included in Masonry Column, Large



DECORATIVE COLUMN SECTION B

*Cost included in Masonry Column, Large



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
n20(E)	224	#8	9'-7"	L
s20(E)	36	#4	26'-1"	□
w20(E)	36	#6	9'-6"	—
w21(E)	44	#6	7'-6"	—
Concrete Structures		Cu. Yd.	56	
Reinforcement Bars, Epoxy Coated		Pound	7,370	
Masonry Column, Large		Each	4	
Ornamental Metal Panel		Each	4	

FILE NAME = SA\JUL163800-639916346-028\Micro\CA00 Sheets\PI60K77-sh-DecorativeColumnDetail.dgn



1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200

USER NAME = dennissw
MODEL NAME = Default
PLOT SCALE = 0:2.0000 '1' / in.
PLOT DATE = 1/24/2013

DESIGNED -
DRAWN -
CHECKED -
DATE - 01-24-13

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

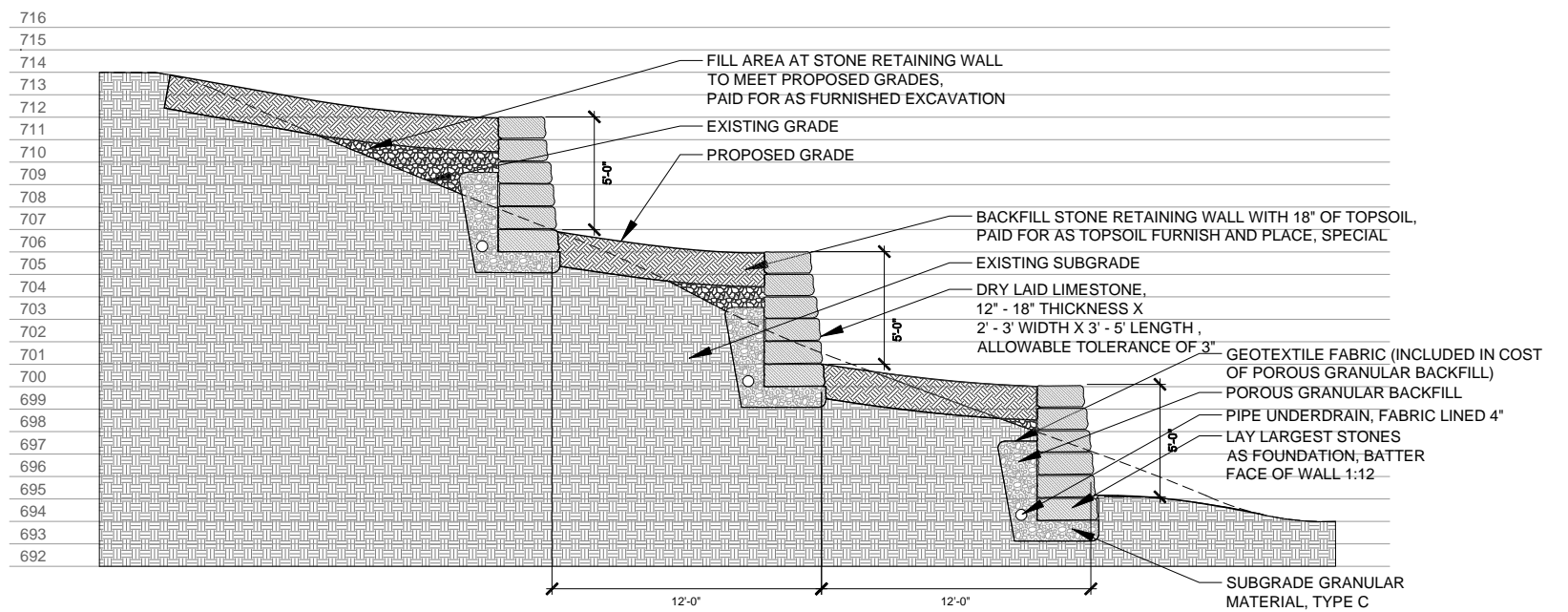
DECORATIVE COLUMN DETAIL (4 OF 4)

SCALE: NTS SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	72

60K77

ILLINOIS FED. AID PROJECT



NOTE: SECTION IS TYPICAL, SPECIFIC CONDITIONS WILL VARY BASED ON STONE RETAINING WALL CONFIGURATION AND GRADES INDICATED ON GRADING PLAN.

1 STONE RETAINING WALL - SECTION
SCALE: 1/4" = 1'-0"

D-WALL-SEC



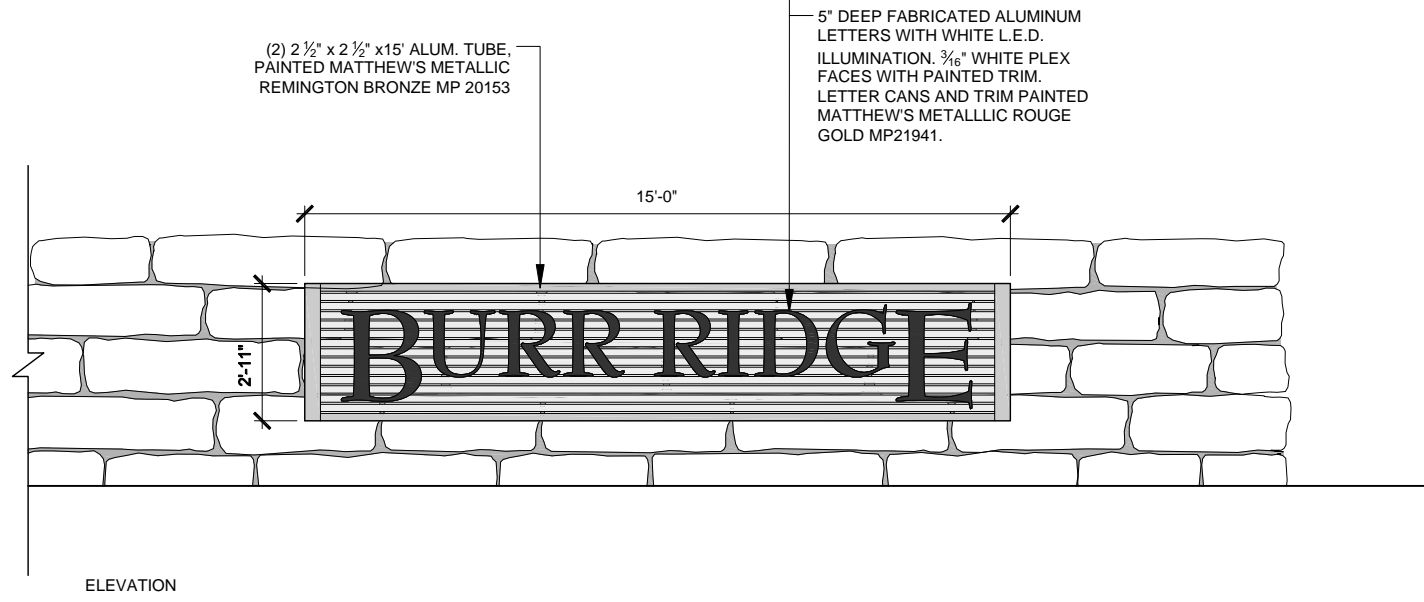
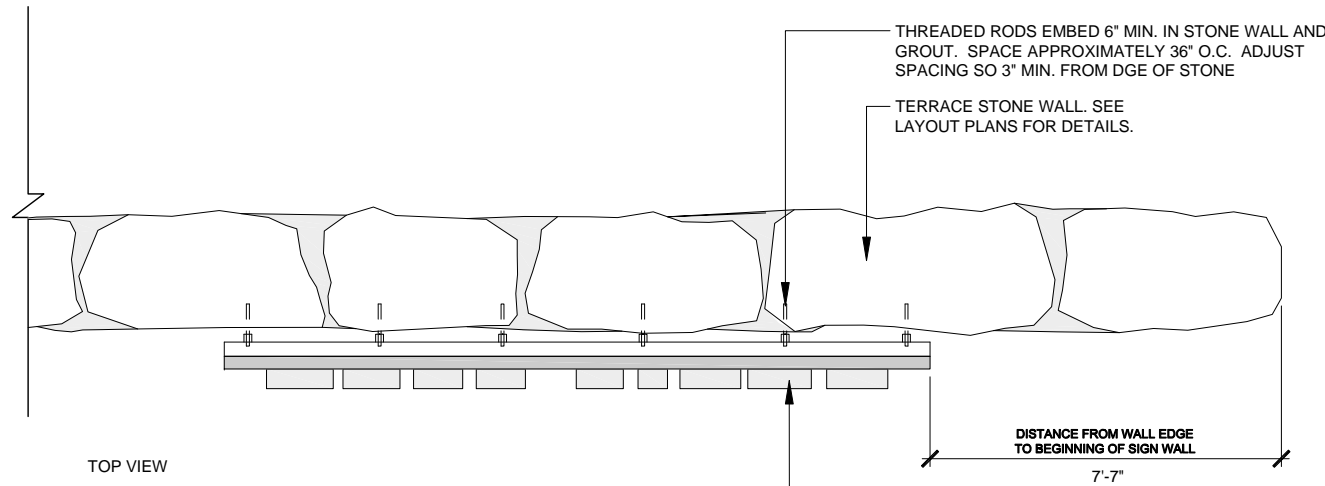
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
STRAND ASSOCIATES

USER NAME = BFM	DESIGNED - BFM	REVISED -
	DRAWN - ANS	REVISED -
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PLOT DATE = 01/24/13	DATE - 01-24-13	REVISED -

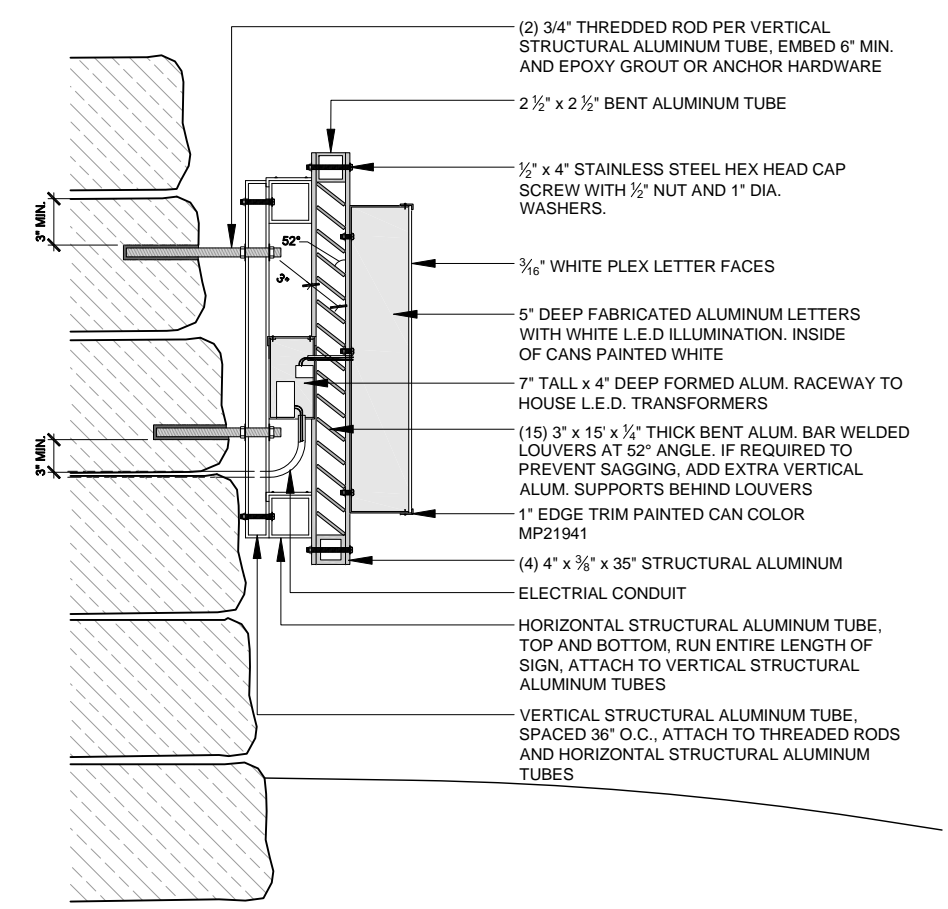
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ENHANCEMENT DETAILS			
SCALE: AS NOTED	SHEET NO. OF SHEETS	STA. TO STA.	

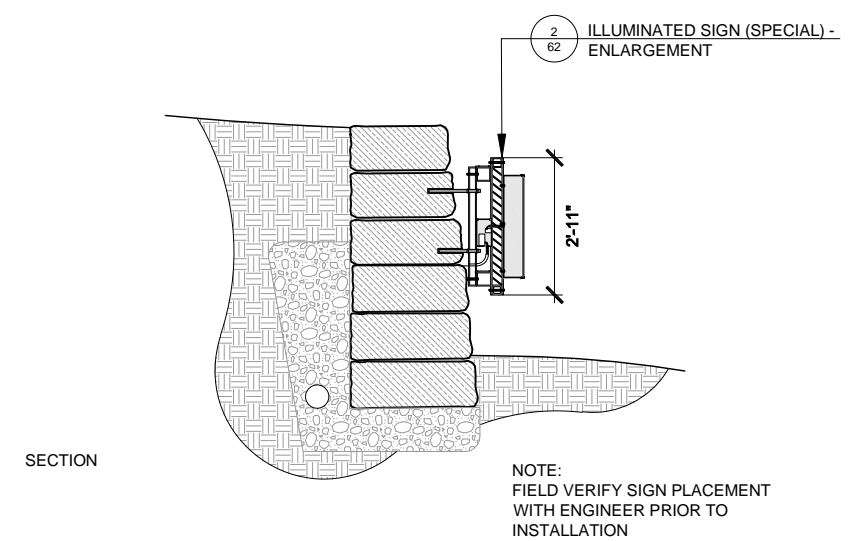
F.A.I. RTE. 55	SECTION 22-1HB-R	COUNTY COOK/DUPAGE	TOTAL SHEETS 161	SHEET NO. 73
CONTRACT NO. 60K77				
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



1 ILLUMINATED SIGN (SPECIAL)
SCALE: 1/2" = 1'-0"



2 ILLUMINATED SIGN (SPECIAL) - ENLARGEMENT
SCALE: 1 1/2" = 1'-0"



NOTE:
FIELD VERIFY SIGN PLACEMENT
WITH ENGINEER PRIOR TO
INSTALLATION



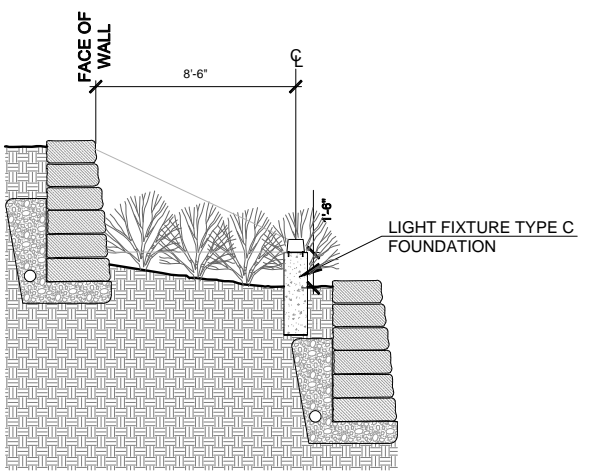
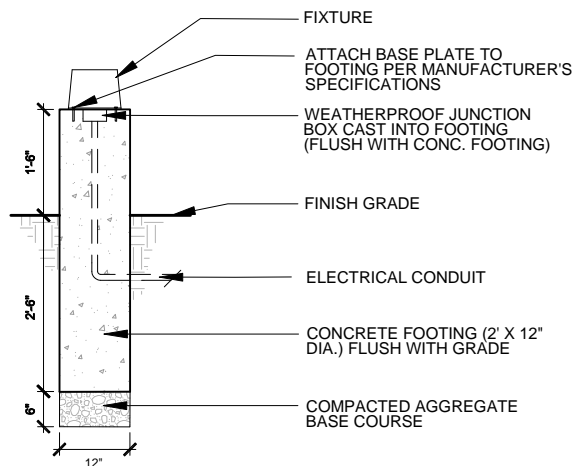
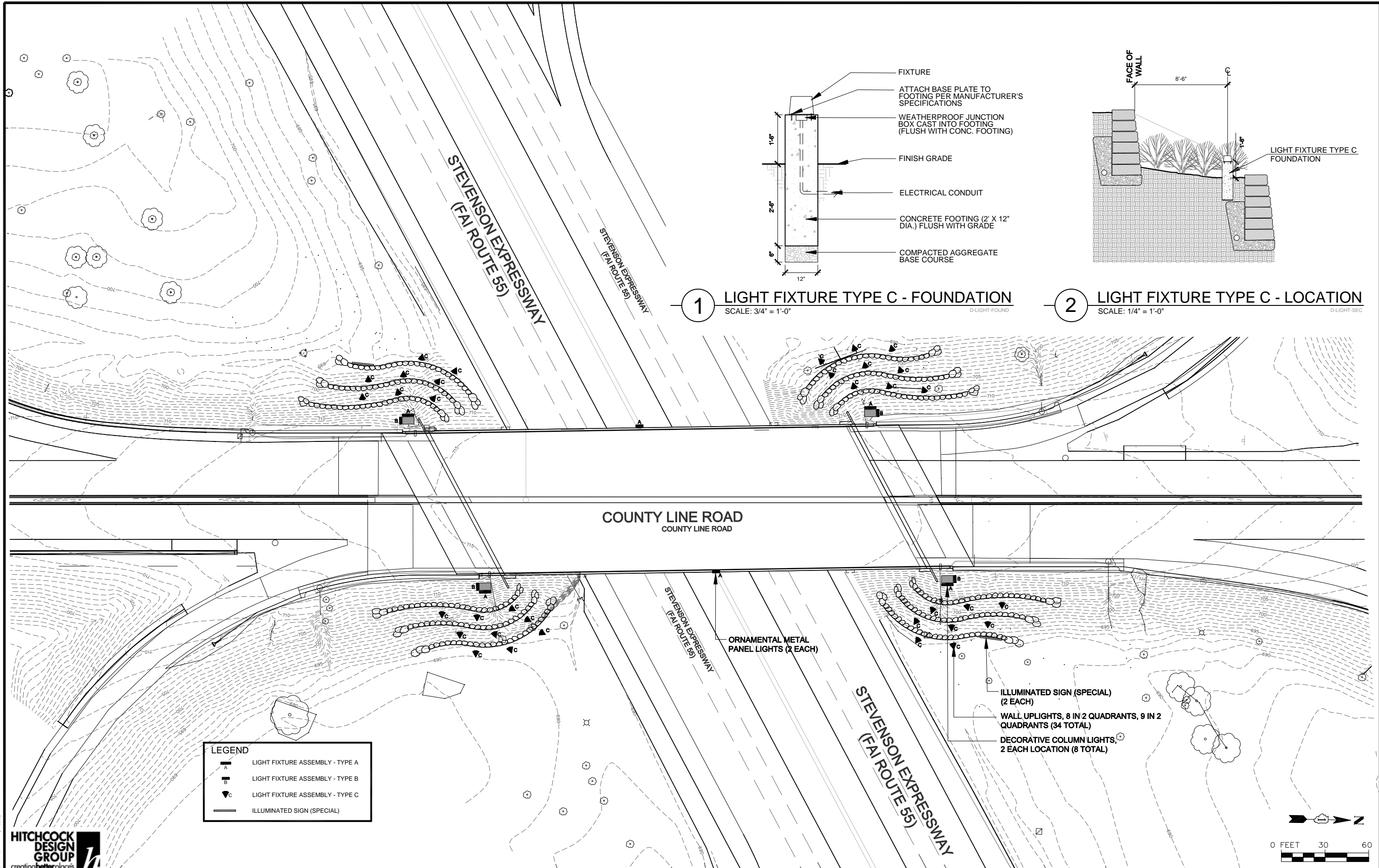
1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
STRAND ASSOCIATES

USER NAME = BFM	DESIGNED - BFM	REVISED -
	DRAWN - ANS	REVISED -
	CHECKED - TCK	REVISED -
PLOT DATE = 01/24/13	DATE - 01-24-13	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ENHANCEMENT DETAILS			
SCALE: AS NOTED	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	74
CONTRACT NO. 60K77				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



1 LIGHT FIXTURE TYPE C - FOUNDATION
SCALE: 3/4" = 1'-0"
D-LIGHT-FOUND

2 LIGHT FIXTURE TYPE C - LOCATION
SCALE: 1/4" = 1'-0"
D-LIGHT-SEC

LEGEND

- LIGHT FIXTURE ASSEMBLY - TYPE A
- LIGHT FIXTURE ASSEMBLY - TYPE B
- LIGHT FIXTURE ASSEMBLY - TYPE C
- ILLUMINATED SIGN (SPECIAL)



1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
STRAND ASSOCIATES (815) 744-4200

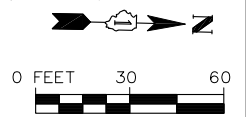
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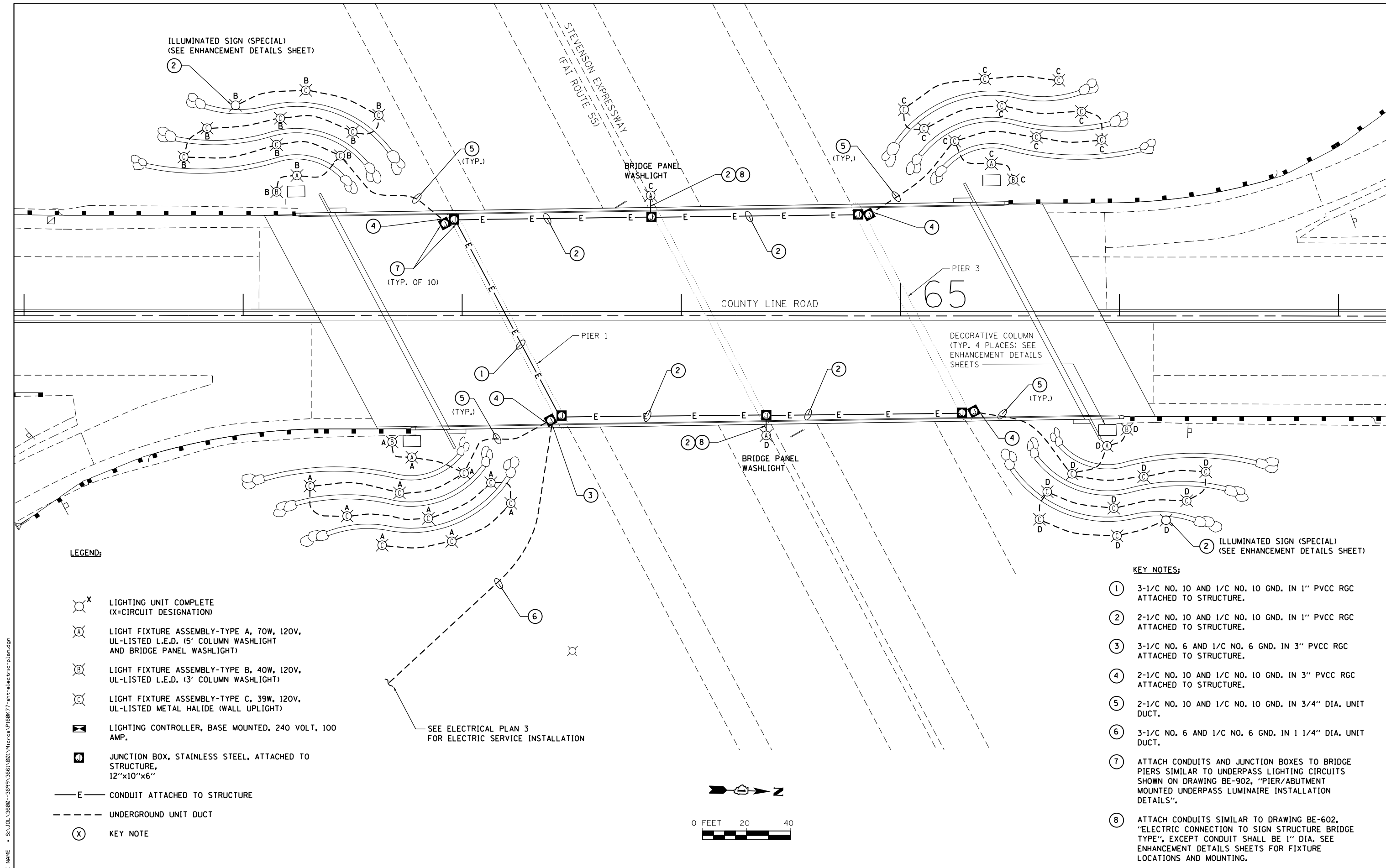
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ELECTRICAL PLAN (1 OF 3)

SCALE: 1"=30' SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	75
CONTRACT NO. 60K77				
FED. ROAD DIST. NO. 1		ILLINOIS FED. AID PROJECT		





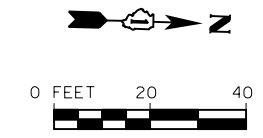
LEGEND:

- LIGHTING UNIT COMPLETE (X=CIRCUIT DESIGNATION)
- LIGHT FIXTURE ASSEMBLY-TYPE A, 70W, 120V, UL-LISTED L.E.D. (5' COLUMN WASHLIGHT AND BRIDGE PANEL WASHLIGHT)
- LIGHT FIXTURE ASSEMBLY-TYPE B, 40W, 120V, UL-LISTED L.E.D. (3' COLUMN WASHLIGHT)
- LIGHT FIXTURE ASSEMBLY-TYPE C, 39W, 120V, UL-LISTED METAL HALIDE (WALL UPLIGHT)
- LIGHTING CONTROLLER, BASE MOUNTED, 240 VOLT, 100 AMP.
- JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12"x10"x6"
- CONDUIT ATTACHED TO STRUCTURE
- UNDERGROUND UNIT DUCT
- KEY NOTE

SEE ELECTRICAL PLAN 3 FOR ELECTRIC SERVICE INSTALLATION

KEY NOTES:

- ① 3-1/2 NO. 10 AND 1/2 NO. 10 GND. IN 1" PVCC RGC ATTACHED TO STRUCTURE.
- ② 2-1/2 NO. 10 AND 1/2 NO. 10 GND. IN 1" PVCC RGC ATTACHED TO STRUCTURE.
- ③ 3-1/2 NO. 6 AND 1/2 NO. 6 GND. IN 3" PVCC RGC ATTACHED TO STRUCTURE.
- ④ 2-1/2 NO. 10 AND 1/2 NO. 10 GND. IN 3" PVCC RGC ATTACHED TO STRUCTURE.
- ⑤ 2-1/2 NO. 10 AND 1/2 NO. 10 GND. IN 3/4" DIA. UNIT DUCT.
- ⑥ 3-1/2 NO. 6 AND 1/2 NO. 6 GND. IN 1 1/4" DIA. UNIT DUCT.
- ⑦ ATTACH CONDUITS AND JUNCTION BOXES TO BRIDGE PIERS SIMILAR TO UNDERPASS LIGHTING CIRCUITS SHOWN ON DRAWING BE-902, "PIER/ABUTMENT MOUNTED UNDERPASS LUMINAIRE INSTALLATION DETAILS".
- ⑧ ATTACH CONDUITS SIMILAR TO DRAWING BE-602, "ELECTRIC CONNECTION TO SIGN STRUCTURE BRIDGE TYPE", EXCEPT CONDUIT SHALL BE 1" DIA. SEE ENHANCEMENT DETAILS SHEETS FOR FIXTURE LOCATIONS AND MOUNTING.



FILE NAME = S:\JOL\36800-3699\3661\001\Micro\PI60K77-eh-electric-plan.dgn

SA STRAND ASSOCIATES
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200

USER NAME = dennisw	DESIGNED - MAG	REVISED -
PLOT SCALE = 40.0000' / in.	DRAWN - DJW	REVISED -
PLOT DATE = 1/24/2013	CHECKED - DWG	REVISED -
	DATE - 6/1/12	REVISED -

STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

ELECTRICAL PLAN (2 OF 3)

SCALE: AS SHOWN SHEET NO. X OF X SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	76
CONTRACT NO. 60K77				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

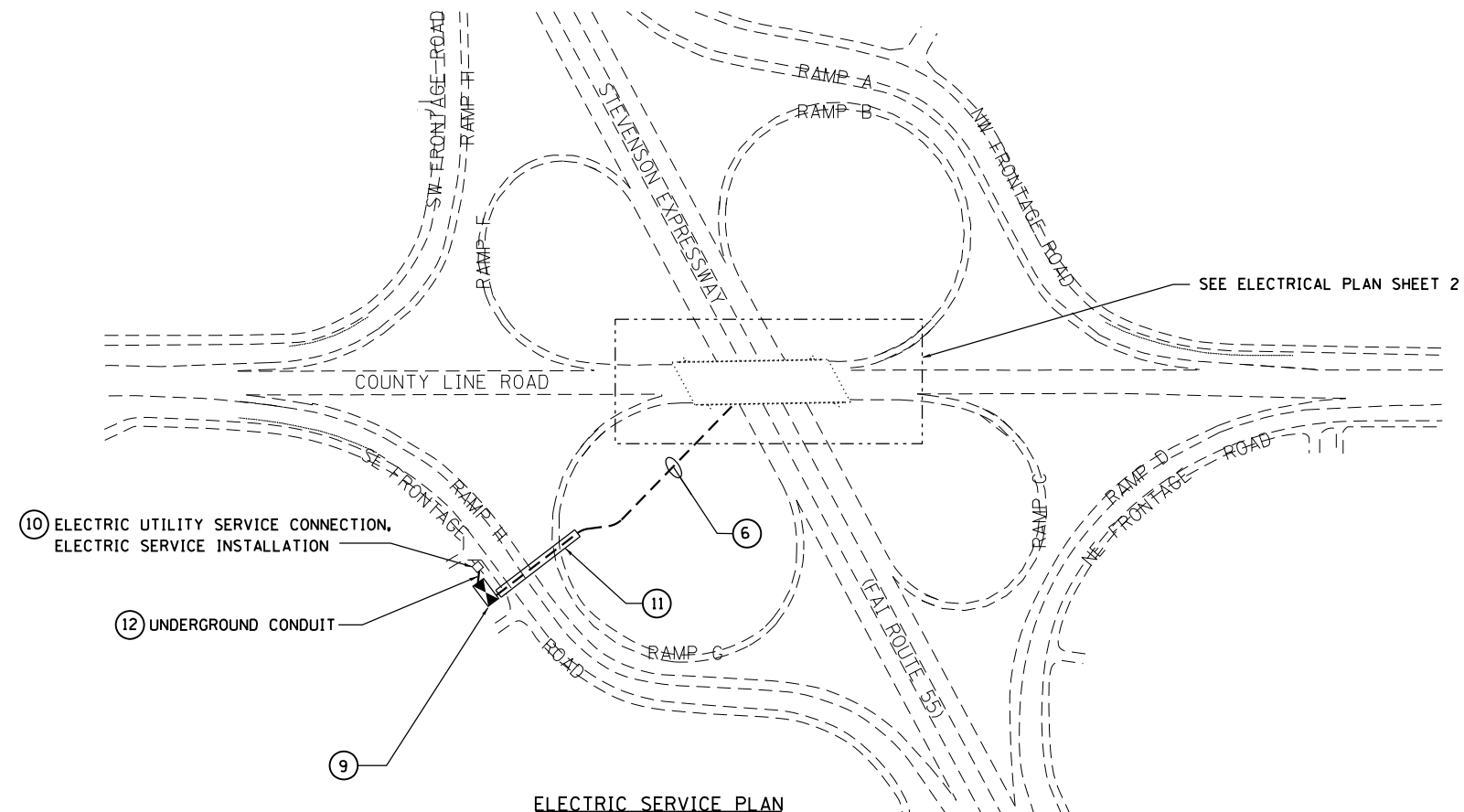
GENERAL NOTES

1. ALL ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST NEC AND IES CODES AND STANDARDS AND THE IDOT STANDARDS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2012, AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL CONDITIONS.
2. UNIT DUCT, CONDUITS, JUNCTION BOXES, AND APPURTENANCES ARE SHOWN DIAGRAMMATICALLY ON THE DRAWINGS. THE ACTUAL LOCATIONS IN THE FIELD SHALL MEET WITH APPROVAL OF THE ENGINEER.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INVESTIGATE EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT.
4. ALL CONDUIT ATTACHED TO STRUCTURE SHALL BE PVC-COATED RIGID GALVANIZED STEEL.
5. SPLICING OF CONDUCTORS WILL ONLY BE ALLOWED IN THE LUMINAIRES OR IN JUNCTION BOXES. SPLICES IN JUNCTION BOXES SHALL BE IN ACCORDANCE WITH THE TYPICAL SPLICE DETAIL SHOWN ON STANDARD DRAWING BE-702.
6. CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUITS AND UNIT DUCTS WITH OTHER WORK OCCURRING AT THE BRIDGE. SPECIFICALLY, THE BRIDGE IS SCHEDULED FOR ABUTMENT AND DECK REPLACEMENT AND IDOT WILL BE REPLACING THE UNDERPASS LIGHTING AND CONDUITS. OTHER EXISTING CONDUITS ON THE BRIDGE ARE TO REMAIN.
7. UNDERGROUND UNIT DUCTS AND CONDUITS SHALL BE INSTALLED AT A MINIMUM DEPTH OF 30 INCHES BELOW FINISHED GRADE AS SHOWN ON STANDARD DRAWING BE-702. IT MAY BE NECESSARY TO INCREASE THE DEPTH TO AVOID CONFLICTS OR PROPOSED LANDSCAPING. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE FINISHED GRADE ELEVATIONS AND AVOIDING OBSTACLES. INCREASING THE DEPTH OF UNIT DUCTS AND CONDUIT WILL BE CONSIDERED INCIDENTAL AND WILL NOT BE PAID FOR SEPARATELY.
8. THE UNIT DUCT AND CONDUIT QUANTITIES INDICATED ON THE DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND SHALL INSTALL RACEWAYS IN COMPLIANCE WITH THE SPECIFICATIONS.
9. LUMINAIRES SHALL BE ORIENTED WITH THE OPTICS DIRECTED TOWARD THE OBJECTS BEING ILLUMINATED AND NOT TOWARD ONCOMING TRAFFIC. IT MAY BE NECESSARY TO MAKE NIGHT-TIME OPTICAL ADJUSTMENTS TO THE FIXTURES. THIS WORK IS CONSIDERED INCIDENTAL AND WILL NOT BE PAID FOR SEPARATELY.
10. ALL DECORATIVE ENHANCEMENT LIGHTING FURNISHED AND MAINTAINED BY THE VILLAGE OF BURR RIDGE.

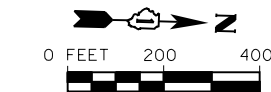
SCHEDULE OF ELECTRICAL QUANTITIES

PAY ITEM NO.	ITEM DESCRIPTION	UNITS	QUANTITY TOTAL
• 80400100	ELECTRIC SERVICE INSTALLATION	EACH	1
• 80400200	ELECTRIC UTILITY SERVICE CONNECTION	L SUM	1
• 81018700	CONDUIT PUSHED, 3" DIA., GALVANIZED STEEL	FOOT	184
• 81028210	UNDERGROUND CONDUIT, GALVANIZED STEEL, 2 1/2" DIA.	FOOT	36
• 81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA., PVC COATED GALVANIZED STEEL	FOOT	564
• 81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA., PVC COATED GALVANIZED STEEL	FOOT	100
81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" X 10" X 6"	EACH	10
81603010	UNIT DUCT, 600V, 2-1C NO.10, 1/C NO.10 GROUND, (XLP-TYPE USE), 3/4" DIA. POLYETHYLENE	FOOT	1,878
• 81603047	UNIT DUCT, 600V, 3-1C NO.6, 1/C NO.6 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	FOOT	800
81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	FOOT	2,380
81702150	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 2	FOOT	308
• 82500350	LIGHTING CONTROLLER, BASE MOUNTED, 240VOLT, 100AMP	EACH	1

• SEE SPECIAL PROVISION



ELECTRIC SERVICE PLAN



KEY NOTES:

- ⑥ 3-1/C NO. 6 AND 1/C NO. 6 GND. IN 1 1/4" DIA. UNIT DUCT.
- ⑨ SEE SPECIAL PROVISIONS AND DRAWING BE-215, "LIGHTING CONTROLLER, SINGLE DOOR".
- ⑩ SEE SPECIAL PROVISIONS AND DRAWING BE-220, "ELECTRIC SERVICE INSTALLATION AERIAL, REMOTE DISCONNECT".
- ⑪ CONDUIT PUSHED, 3" DIA. GALVANIZED STEEL BENEATH RAMPS AND FRONTAGE ROAD. SEE SPECIAL PROVISIONS.
- ⑫ 3-1/C NO. 2 AND 1/C NO. 2 GND. IN 2 1/2" DIA. RGC CONDUIT.

LEGEND:

- X LIGHTING UNIT COMPLETE (X=CIRCUIT DESIGNATION)
- Ⓐ LIGHT FIXTURE ASSEMBLY-TYPE A (5' COLUMN WASHLIGHT)
- Ⓑ LIGHT FIXTURE ASSEMBLY-TYPE B (3' COLUMN WASHLIGHT)
- Ⓒ LIGHT FIXTURE ASSEMBLY-TYPE C (WALL UPLIGHT)
- Ⓓ BRIDGE PANEL WASHLIGHT (SEE ENHANCEMENT DETAILS SHEET)
- Ⓔ ILLUMINATED SIGN (SPECIAL) (SEE ENHANCEMENT DETAILS SHEET)
- Ⓜ LIGHTING CONTROLLER, BASE MOUNTED, 240 VOLT, 100 AMP.
- Ⓝ JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12"x10"x6"
- E— CONDUIT ATTACHED TO STRUCTURE
- - - UNDERGROUND UNIT DUCT
- (X) KEY NOTE

LOAD TABLE		
CIRCUIT	RED PHASE LOAD (AMPS)	BLACK PHASE LOAD (AMPS)
A	0	3.8
B	0	5.0
C	4.3	0
D	5.5	0
TOTALS	9.8	8.8

INDEX OF IDOT D-1 STANDARDS

STD. NO.	TITLE:
BE-220	ELECTRIC SERVICE INSTALLATION AERIAL, REMOTE DISCONNECT.
BE-215	LIGHTING CONTROLLER, SINGLE DOOR
BE-602	ELECTRIC CONNECTION TO SIGN STRUCTURE, BRIDGE TYPE
BE-702	MISC. ELECTRICAL DETAILS, SHEET A
BE-902	PIER/ABUTMENT MOUNTED UNDERPASS LUMINAIRE INSTALLATION DETAILS

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 DRAWN - DJW
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 DATE - 6/1/12

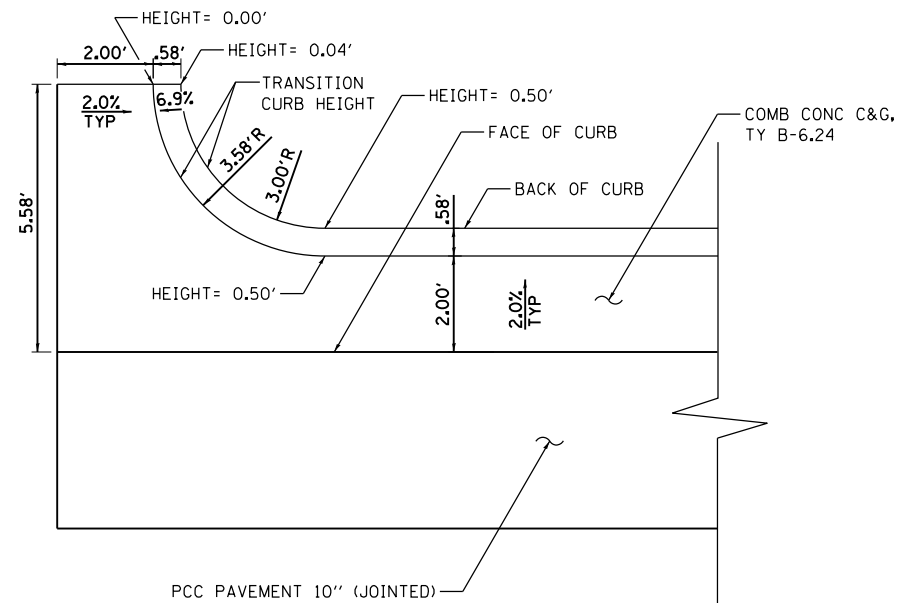
REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

ELECTRICAL PLAN (3 OF 3)

SCALE: AS SHOWN SHEET NO. X OF X SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	77
CONTRACT NO. 60K77				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



CONCRETE CURB & GUTTER OUTLET DETAIL

NOTES

1. CONCRETE CURB & GUTTER OUTLETS SHALL BE PAID FOR AS COMBINATION CONCRETE CURB & GUTTER, TYPE B-6.24.
2. CURB OUTLETS SHALL NOT BE LOCATED WHERE PROPOSED GUARDRAIL POSTS ARE LOCATED.

FILE NAME = SA\JUL\63800-6399\6346\028\Microa\CADD_Sheets\PI60K77-shd-detailed.dgn



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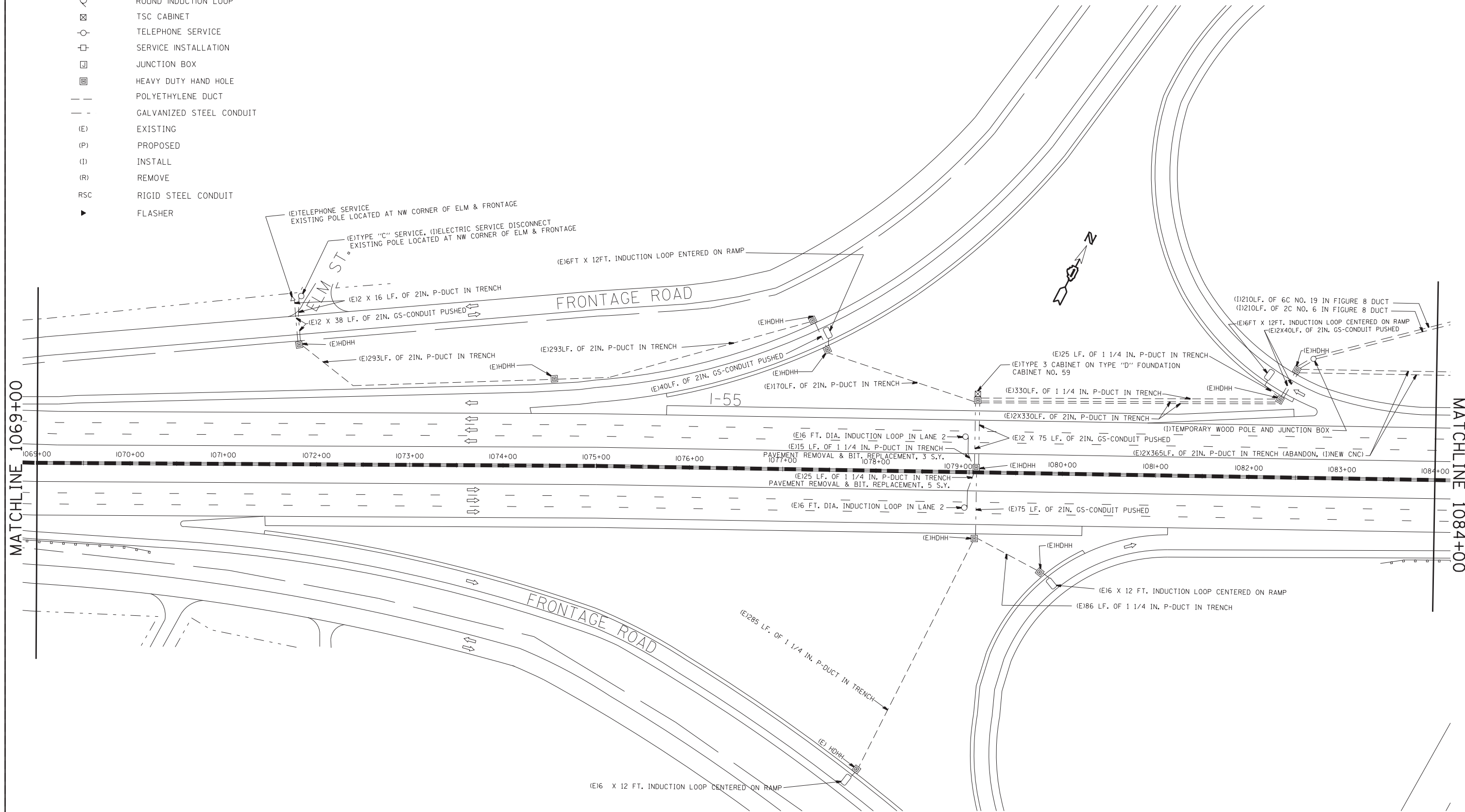
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

ROADWAY DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	78
				CONTRACT NO. 60K77
ILLINOIS FED. AID PROJECT				

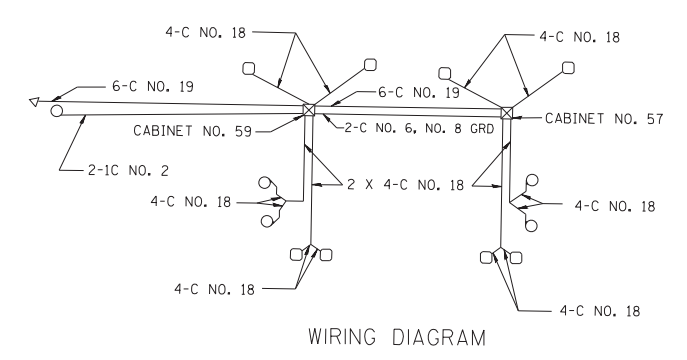
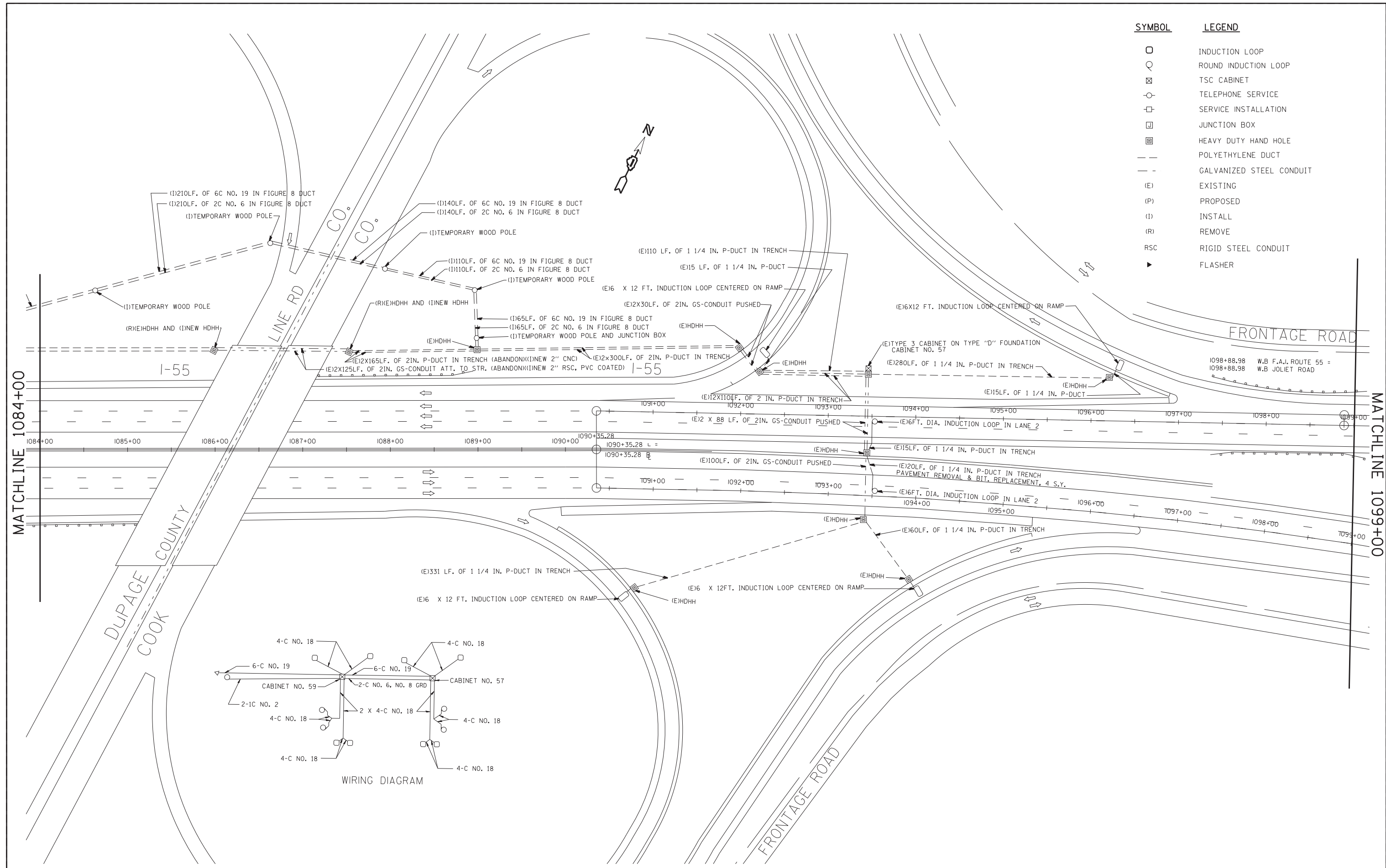
SYMBOL	LEGEND
○	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
○	TELEPHONE SERVICE
⊠	SERVICE INSTALLATION
⊠	JUNCTION BOX
⊠	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
RSC	RIGID STEEL CONDUIT
▶	FLASHER



FILE NAME = RFSTEVE1.DGN	USER NAME = mezag	DESIGNED - J.G.	REVISED - J.G./12-94	TRAFFIC SYSTEM CENTER STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-55 STEVENSON - COUNTY LINE ROAD (WEST) INSTALLATION	F.A.I. RTE. = 55	SECTION = 22-1HB-R	COUNTY = COOK/DuPage	TOTAL SHEETS = 161	SHEET NO. = 79	
et:\pw\work\p\id\mezag\d0287517\RFSTEVE1.DGN	PLOT SCALE = 100.000' / in.	DRAWN - G.M.	REVISED - J.G./05-08-95			SCALE: 50:1	SHEET OF SHEETS	STA. TO STA.	CONTRACT NO. 60K77		
\$MODELNAME\$	PLOT DATE = 1/23/2013	CHECKED - J.G.	REVISED - T.C./05-31-95								
		DATE = 12-94	REVISED - J.G./01-23-13			ILLINOIS FED. AID PROJECT					

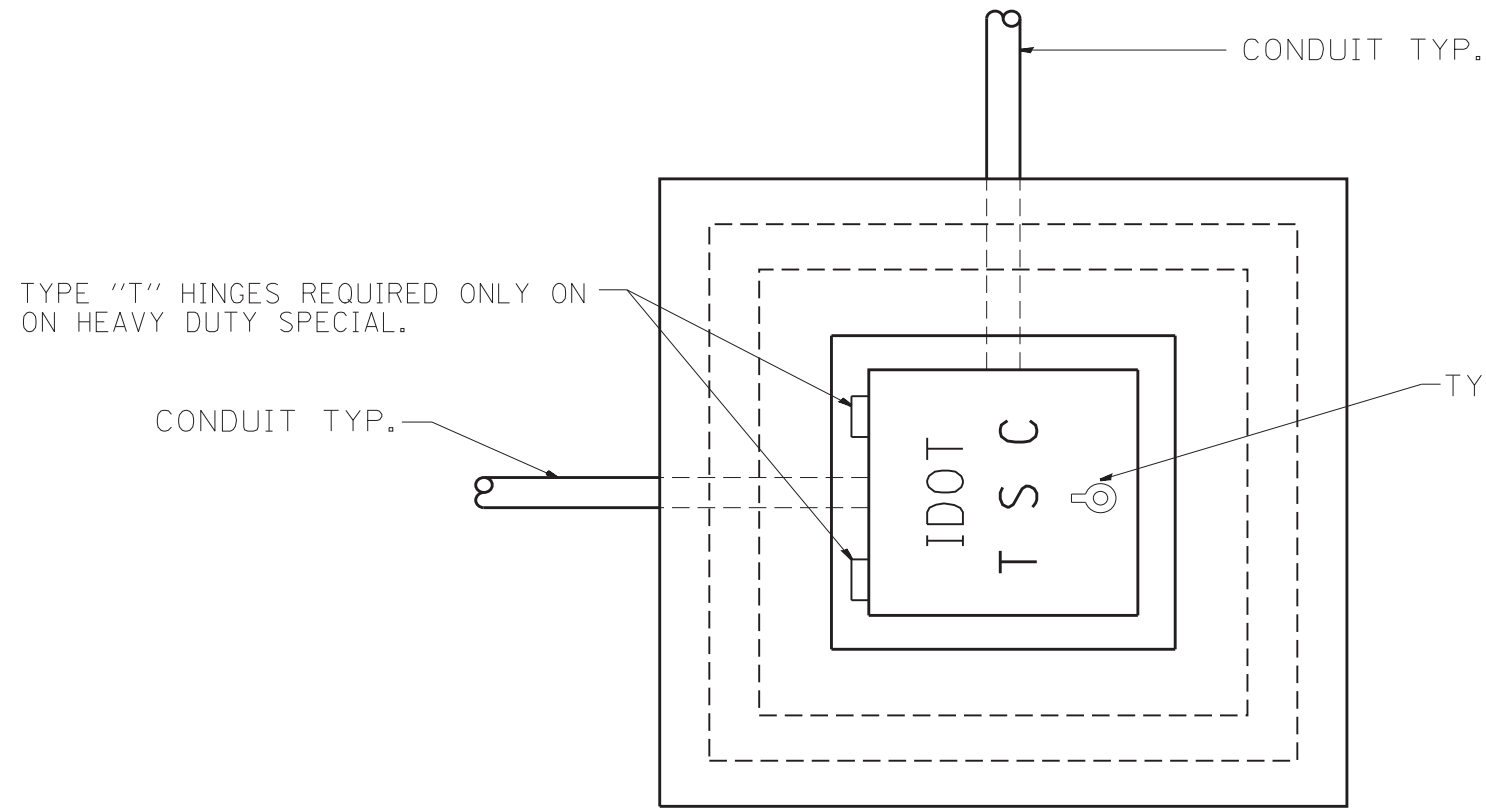
STEVE.DGN

SYMBOL	LEGEND
○	INDUCTION LOOP
○	ROUND INDUCTION LOOP
⊠	TSC CABINET
○	TELEPHONE SERVICE
⊠	SERVICE INSTALLATION
⊠	JUNCTION BOX
⊠	HEAVY DUTY HAND HOLE
---	POLYETHYLENE DUCT
---	GALVANIZED STEEL CONDUIT
(E)	EXISTING
(P)	PROPOSED
(I)	INSTALL
(R)	REMOVE
RSC	RIGID STEEL CONDUIT
▶	FLASHER



FILE NAME = RFSTEVE1.DGN USER NAME = mezag c:\pwork\pwork\mezag\d0287517\RFSTEVE1.DGN PLOT SCALE = 100.000 / in. \$MODELNAME\$	DESIGNED - J.G.	REVISED - J.G./05-08-95	TRAFFIC SYSTEM CENTER STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-55 STEVENSON - COUNTY LINE ROAD (EAST) INSTALLATION		F.A.I. RTE. 55	SECTION 22-1HB-R	COUNTY COOK/DuPage	TOTAL SHEETS 161	SHEET NO. 80
	DRAWN - G.M.	REVISED - T.C./05-31-95				CONTRACT NO. 60K77	ILLINOIS FED. AID PROJECT			
PLOT DATE = 1/23/2013	CHECKED - J.G.	REVISED - J.G./01-23-13	SCALE: 50:1	SHEET OF SHEETS	STA. TO STA.					

STEVE.DGN

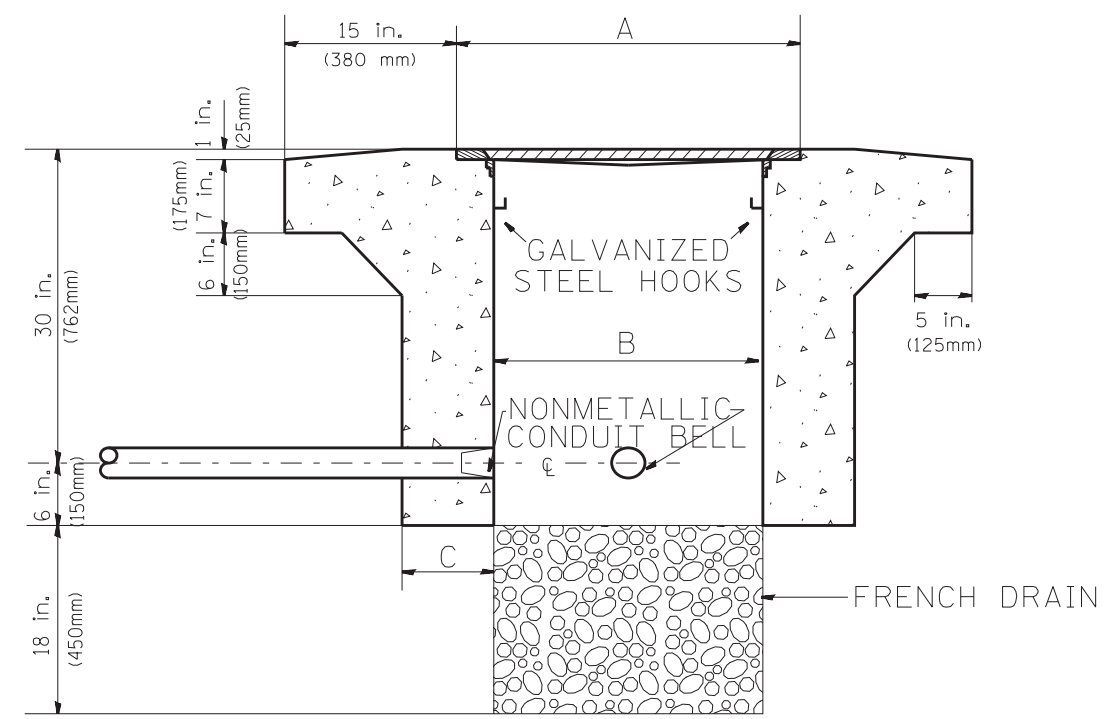


PLAN

HEAVY DUTY HANDHOLE MINIMUM DIMENSIONS (UNHINGED)

A	28" (711 mm)
B	22" (559 mm)
C	8" (200 mm)

(FRAME AND COVER 260 LBS. (118 Kg.) MIN.)



ELEVATION

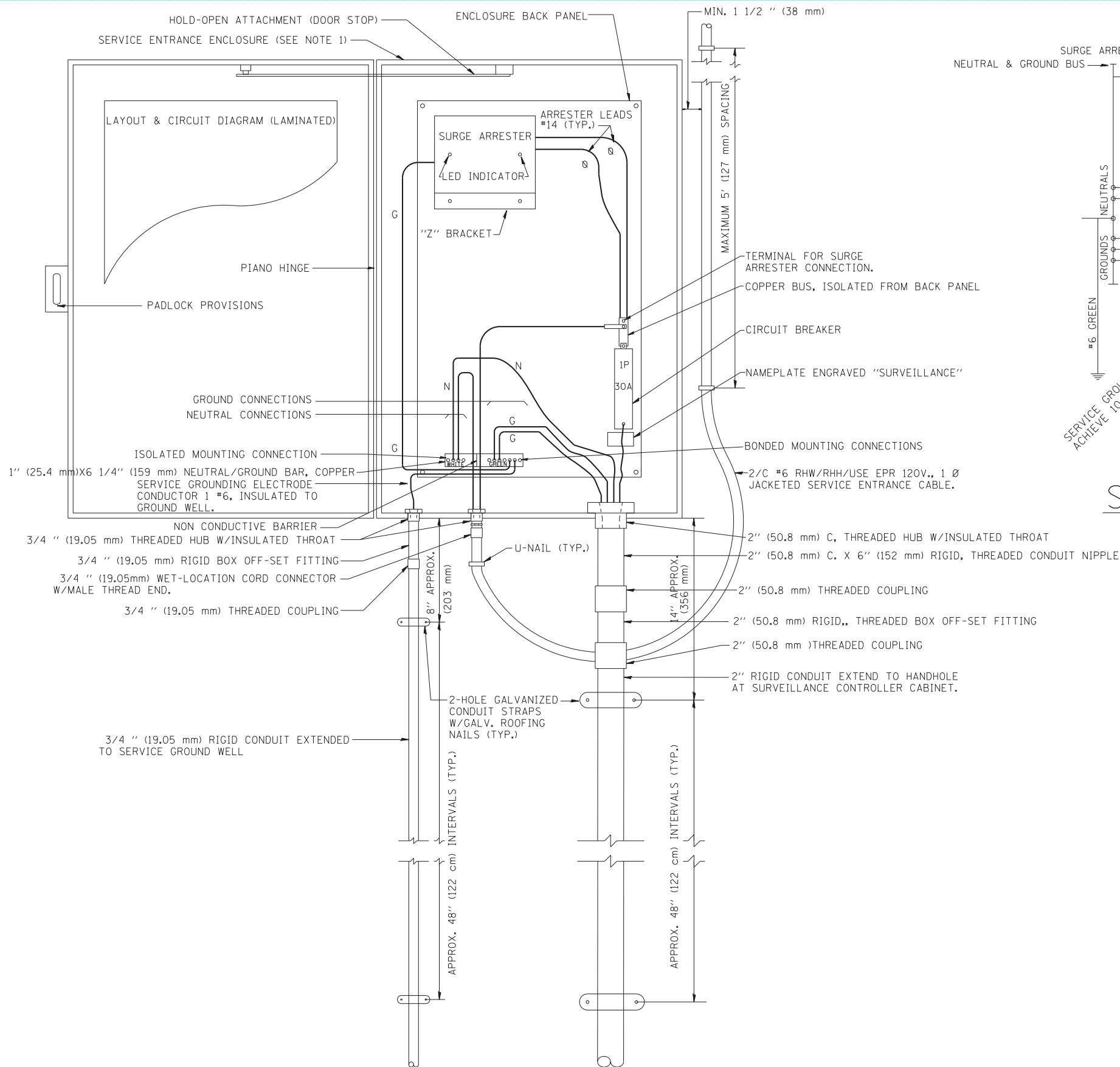
HEAVY DUTY HANDHOLE SPECIAL MINIMUM DIMENSIONS

A	31.5" (800 mm)
B	30.0" (762 mm)
C	10.0" (250 mm)

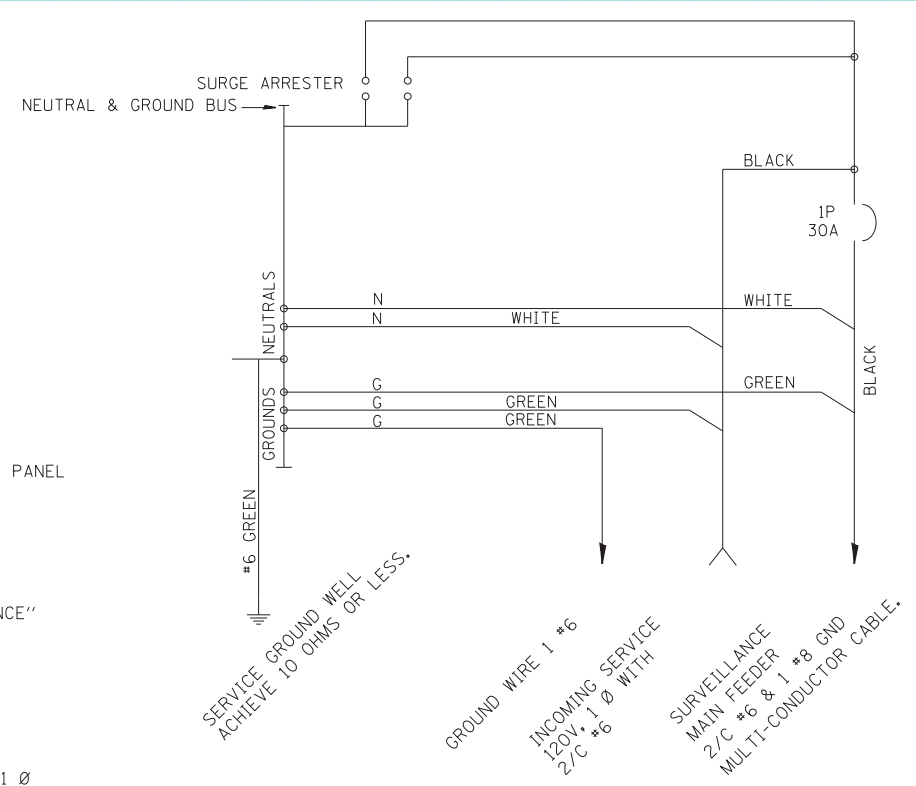
(FRAME AND COVER 405 LBS. (184 Kg. (405))

PC CONCRETE - HEAVY DUTY HAND HOLE

FILE NAME =	USER NAME = mezag	DESIGNED - R.L.	REVISED - 04/97	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION TRAFFIC SYSTEMS CENTER	PC CONCRETE - HEAVY DUTY HAND HOLE			F.A. I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\pidot\mezag\d0287541\TSCYP.dgn		DRAWN - G.M.	REVISED -		SCALE: NONE	SHEET NO.	OF SHEETS	STA.	TO STA.	55	22-1HB-R	161	81
		CHECKED - R.L.	REVISED -					CONTRACT NO.					
		DATE - 09/11/96	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



**ELECTRIC SERVICE
GENERAL LAYOUT DIAGRAM**



SCHEMATIC DIAGRAM

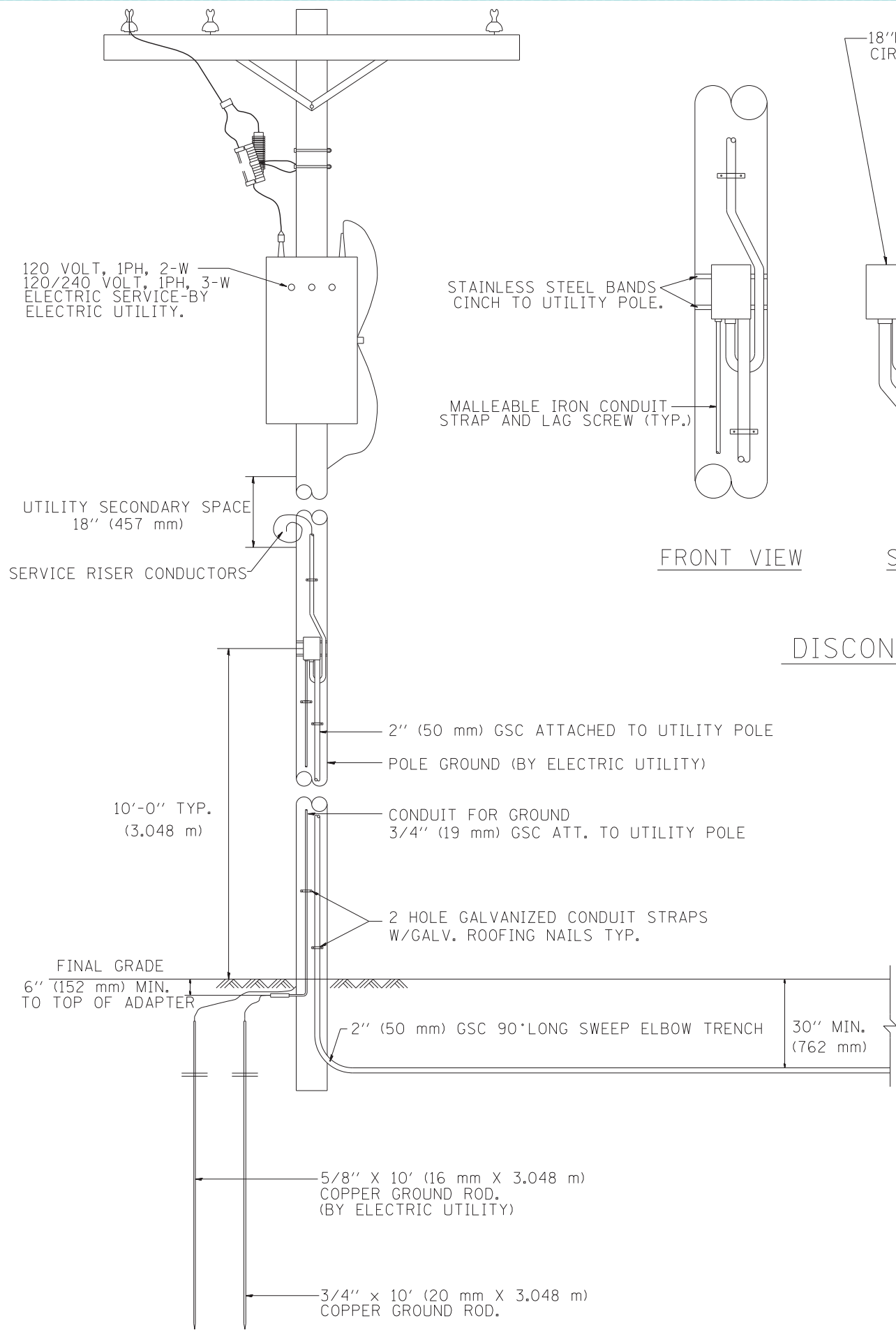
- NOTES:**
- 1.- ELECTRIC SERVICE SHALL BE OF THE VOLTAGE INDICATED. WHERE 120-VOLT SERVICE IS INDICATED, SERVICE DROP CABLE SHALL BE INSTALLED ACCORDINGLY AND LIGHTING MAIN FEEDER CABLE SHALL BE OMITTED.
 - 2.- THE ELECTRIC SERVICE BOX SHALL BE NEMA 4X STAINLESS STEEL, NOMINALLY 12" (305 mm) X 18" (457 mm) X 8" (203 mm), WITH PIANO HINGED DOOR, STEEL BACK PANEL, FAST-ACTING STAINLESS STEEL ENCLOSURE CLAMPS, PADLOCK PROVISIONS, DOOR STOP KIT AND STEEL BACK PANEL. HOFFMAN CATALOG A-16H120BSS6LP/A-16P2/A-DSTOPK/C-PMK12, OR APPROVED EQUAL.
 - 3.- THE ELECTRIC SERVICE EQUIPMENT ASSEMBLY SHALL BE UL LABELED, SUITABLE FOR USE AS SERVICE EQUIPMENT.
 - 4.- CIRCUIT BREAKERS SHALL BE THERMAL MAGNETIC BOLT-ON TYPE WITH A MINIMUM INTERRUPTING CAPACITY OF 25,000 SYMMETRICAL AMPERES AT 240 VOLTS. THEY SHALL BE LOCKABLE IN THE "OFF" POSITION FOR COMPLIANCE WITH OSHA LOCK-OUT/TAG-OUT REQUIREMENTS. HANDLES SHALL BE TRIP FREE.
 - 5.- THE SURGE PROTECTOR SHALL BE SUITABLE FOR 240/120 VOLT SINGLE PHASE 60HZ AC ELECTRICAL SERVICE, WITH A SURGE ENERGY CAPABILITY OF >3600 JOULES OR BETTER AT 8/20 MICROSECONDS, RATED -40 TO 65 DEGREES C., WITH LED OPERATING INDICATORS, AND SHALL BE UL LISTED PER UL 1449, CUTLER-HAMMER CMOV 230L065XST OR APPROVED EQUAL. SURGE PROTECTOR SHALL BE WIRED FOR 120 V SERVICE. FOLLOW MANUFACTURER RECOMMENDED WIRING SPECIFICATIONS.
 - 6.- BUS BARS, CONNECTORS AND LUGS SHALL BE COPPER, INSULATED AND ISOLATED AND CONFIGURED TO PREVENT SHORTED CONDITIONS FROM TIGHTENING TERMINATIONS, ETC. THE OVERALL BUS SECTION SHALL BE CONFIGURED BEHIND AN INSULATING BARRIER SHIELD WHICH IS REMOVABLE FOR ACCESS TO CONNECTIONS.
 - 7.- THE COMBINATION GROUND AND NEUTRAL BAR SHALL BE CONFIGURED WITH SEPARATE GROUND AND NEUTRAL SECTIONS AND SPARE TERMINALS AS INDICATED. THE HEADS OF GROUND SCREWS SHALL BE PAINTED GREEN. THE HEADS OF NEUTRAL SCREWS SHALL BE PAINTED WHITE.
 - 8.- A PLASTIC LAMINATED LAYOUT AND CIRCUIT DIAGRAM SHALL BE AFFIXED TO THE INTERIOR SIDE OF THE ENCLOSURE DOOR.
 - 9.- A 2-COLOR ENGRAVED PLASTIC NAMEPLATE, ATTACHED WITH SCREWS, AND ENGRAVED AS INDICATED, SHALL BE PROVIDED FOR EACH MAIN BREAKER.
 - 10.- PROVIDE ON LAYOUT AND CIRCUIT DIAGRAM A BILL OF MATERIALS USED WITH CATALOG NUMBERS.
 - 11.- REFER TO T.S.C. TYPICAL DRAWING TY-1TSC-400*20 FOR POLE MOUNTED DISCONNECT MOUNTING DETAILS.

FILE NAME =	USER NAME = mezag	DESIGNED - R.L.	REVISED - 03/01/99
ct:\pw_work\p1dot\mezag\d0287541\TSC1TYP.dgn		DRAWN - G.M.	REVISED - 03/30/99
		CHECKED - R.L.	REVISED - 04/99
		DATE - 02/24/99	REVISED - 04/12/99

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER**

DISTRICT 1			
SURVEILLANCE POLE-MOUNTED			
ELECTRIC SERVICE BOX DETAIL			
SCALE: NONE	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	82
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		
		CONTRACT NO. 60K77		

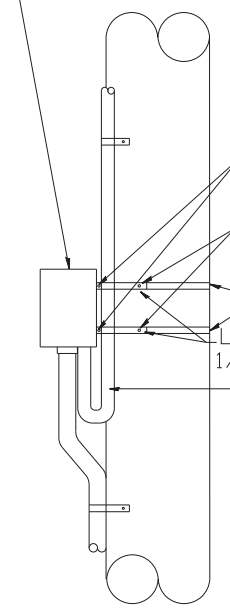


18"H X 12"W X 8"D (450 mm X 300 mm X 200 mm)
CIRCUIT BREAKER/DISCONNECT IN NEMA 4X ENCLOSURE.

STAINLESS STEEL BANDS
CINCH TO UTILITY POLE.

MALLEABLE IRON CONDUIT
STRAP AND LAG SCREW (TYP.)

FRONT VIEW



SIDE VIEW

12' X 5/8" (304.8 mm x 15.875 mm) UNISTRUT CHANNEL
FOR MOUNTING OF CIRCUIT
BREAKER/DISCONNECT.

ATTACH STAINLESS SIGN BRACKET CLIP TO L BRACKET

STAINLESS STEEL BANDS CINCH TO POLE

L BRACKET ATTACH TO UNISTRUT CHANNEL
1/4" (6.35mm) THICK, 2" (50mm) WIDE, 6" (150mm) LONG STAINLESS STEEL.

PROVIDE DRIP LOOP ON SERVICE ENTRANCE CABLE.
DO NOT VIOLATE MIN. BEND RADIUS OF CABLE.

STAINLESS STEEL SIGN BRACKET CLIP

STAINLESS STEEL BANDING

UTILITY POLE

L BRACKET STAINLESS STEEL

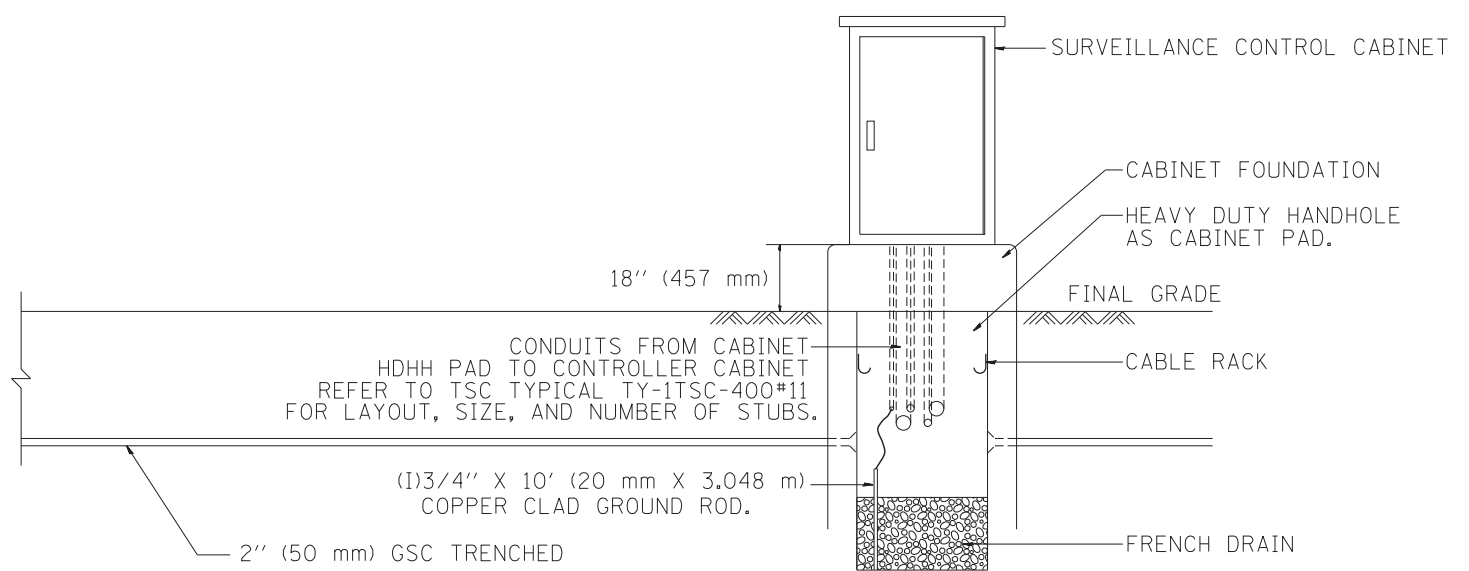
SERVICE ENTRANCE CABLE

UNISTRUT CHANNEL STAINLESS STEEL
CIRCUIT BREAKER/DISCONNECT
IN NEMA 4X ENCLOSURE.

TOP VIEW

NTS
DISCONNECT MOUNTING DETAIL

- NOTES:
- 1.- ALL CONDUIT BUSHINGS SHALL HAVE AN ISOLATED THROAT.
 - 2.- PROVIDE HEAT SHRINK BOOT AT THE TOP OF THE SERVICE ENTRANCE CABLE FOR MOISTURE PROOFING.
 - 3.- ALL CONNECTIONS TO GROUND RODS SHALL BE EXOTHERMIC UNLESS OTHERWISE NOTED.
 - 4.- ATTACH INCOMING ELECTRIC SERVICE CABLE TO UTILITY POLE EVERY 5 FEET USING INSULATED U-NAIL.
 - 5.- PROVIDE CABLE RACK IN HANDHOLES.
 - 6.- ALL CONDUCTORS SHALL BE COPPER.
 - 7.- PROVIDE STAINLESS STEEL HARDWARE TO ATTACH L BRACKETS TO UNISTRUT AND TO SIGN HANGER.



FILE NAME =	USER NAME = mezag	DESIGNED - R.L.	REVISED -
ca:\pw_work\p\dot\mezag\d0287541\TSC TYP.dgn		DRAWN - G.M.	REVISED -
	PLOT SCALE = 50.0000' / in.	CHECKED - R.L.	REVISED -
	PLOT DATE = 1/15/2013	DATE - 03/30/99	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
TRAFFIC SYSTEMS CENTER

POLE MOUNTED
DISCONNECT MOUNTING DETAILS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	83
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 60K77	

GENERAL NOTES

- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO ASCERTAIN EXISTING FIELD CONDITIONS BEFORE BIDDING ON THIS PROJECT, SPECIFICALLY AS THEY RELATE TO LUMP SUM ITEMS AND UNIT PRICE ITEMS.
- ALL NEW CONDUITS, JUNCTION BOXES AND APPURTENANCES ARE INDICATED DIAGRAMMATICALLY ON THE DRAWINGS. THE ACTUAL LOCATIONS IN THE FIELD SHALL MEET WITH APPROVAL OF THE ENGINEER.
- THE ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST CODES, STANDARDS AND THE IDOT STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION ADOPTED JANUARY 1, 2012, AND SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS.
- IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO MARK THE PROPOSED LOCATIONS OF ALL THE UNDERPASS LUMINAIRES FOR EXAMINATION AND CONFIRMATION WITH THE ENGINEER AT THE PRECONSTRUCTION INSPECTION. THE EXACT LOCATION OF ALL ITEMS SHALL BE CONFIRMED WITH THE ENGINEER PRIOR TO STARTING WORK.
- THE SCALE SHOWN ON PLAN DRAWINGS APPLIES ONLY TO THE FULL SIZE PLANS AND NOT TO REDUCED SIZE PLANS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE ESTABLISHMENT OF THE FINISHED GRADE. THE ENGINEER MAY ASSIST THE CONTRACTOR, AS APPLICABLE, BUT THE RESPONSIBILITY FOR COORDINATION OF THE FINISHED GRADE WITH THE CONDUIT BURIAL DEPTH AND THE LIKE SHALL REMAIN WITH THE CONTRACTOR.
- THE CONTRACTOR SHALL FURNISH AND INSTALL LUMINAIRE LAMPS IN ACCORDANCE WITH THE SUPPLIER'S RECOMMENDATIONS AND IN ACCORDANCE WITH THE SPECIFICATIONS. THE COST OF THIS WORK AND MATERIAL SHALL BE INCLUDED IN THE APPLICABLE LUMINAIRE PAY ITEM. SEPARATE PAYMENT WILL NOT BE MADE.
- ALL LUMINAIRES SHALL BE ORIENTED WITH THE OPTICS PERPENDICULAR TO THE ROADWAY UNLESS NOTED OTHERWISE OR DIRECTED BY THE ENGINEER. THE LUMINAIRES MAY REQUIRE NIGHT-TIME OPTICAL ADJUSTMENT UPON INSPECTION BY THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCLUDED IN THE APPLICABLE LUMINAIRE PAY ITEMS. SEPARATE PAYMENT WILL NOT BE MADE.
- CONDUITS AND UNIT DUCTS SHALL BE INSTALLED AT A MINIMUM 30 INCH DEPTH BELOW GRADE AND POSITIONED IN THE FIELD TO AVOID CONFLICT WITH ROADWAY UNDERDRAINS AND OTHER EXISTING AND PROPOSED UTILITIES. THE CONTRACTOR SHALL INCREASE DEPTH OF UNIT DUCT AND CONDUIT AS REQUIRED AT NO ADDITIONAL COST OF THE STATE. THE CONTRACTOR SHALL COORDINATE RACEWAY DEPTH WITH THE ELECTRICAL DETAILS AND THE ENGINEER.
- THE CONTRACTOR SHALL MAKE SPECIAL NOTE OF THE SPECIFIED REQUIREMENTS FOR BURIED WARNING TAPE, AS PART OF THE UNDERGROUND CONDUIT OR UNIT DUCT. THE INSTALLATION OF THE TAPE SHALL BE INSPECTED BY THE ENGINEER PRIOR TO BACKFILLING OR DURING PLOWING OPERATIONS, AS APPLICABLE.
- WHERE THE CONTRACTOR'S EXCAVATION MEETS AN OBSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER FOR DIRECTION IN WRITING PRIOR TO FURTHER EXCAVATION. THE CONTRACTOR SHALL RESTORE ANY DAMAGE TO EXISTING SYSTEMS OR UTILITIES AND REMOVE EXISTING OBSTRUCTIONS AND FOUNDATIONS TO THE SATISFACTION OF THE ENGINEER. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE APPROPRIATE PAY ITEM.
- THE CONTRACTOR SHALL COORDINATE INSTALLATION OF CONDUITS AND UNIT DUCTS WITH THE ROADWAY, BRIDGE WORK, AND UNDERGROUND UTILITIES.
- THE QUANTITIES OF CONDUIT AND UNIT DUCT WHERE INDICATED IN THESE PLAN DRAWINGS ARE APPROXIMATIONS ONLY. THE CONTRACTOR SHALL FIELD VERIFY ALL LENGTHS AND SHALL INSTALL RACEWAYS IN COMPLETE COMPLIANCE WITH THE SPECIFIED REQUIREMENTS.
- THE CONTRACTOR SHALL MAINTAIN EXISTING UNDERPASS LIGHTING SYSTEMS AS SPECIFIED USING AERIAL FEEDS INCLUDING AREAS WHICH ARE AFFECTED BY CONSTRUCTION ACTIVITIES.
- UNDERPASS LIGHTING SYSTEM SHALL BE INSTALLED AS SHOWN ON THE SUSPENDED MOUNT UNDERPASS LUMINAIRE INSTALLATION DETAILS, PER IDOT DISTRICT 1 STANDARD BE-900.

LEGENDS

- EXISTING UNDERPASS LUMINAIRE TO BE REMOVED
- EXISTING UNIT DUCT, TO BE REMOVED.
- EXISTING JUNCTION BOX, TO REMAIN.
- EXISTING JUNCTION BOX, TO BE REMOVED.
- PROPOSED UNDERPASS LUMINAIRE, SS HOUSING SUSPENDED MOUNT, 100W HPS TYPE M-SC-IV, 240V RATING
- PROPOSED JUNCTION BOX, SIZE AND TYPE AS NOTED
- PROPOSED UNIT DUCT, SIZE AND TYPE AS NOTED
- ABANDON EXISTING UNIT DUCT
- 3-1/C NO. 2 AND 1/C NO. 4 GND IN 1 1/4" DIA., UNIT DUCT, UNDERGROUND
- 4-1/C NO. 10 AND 1/C NO. 10 GND. IN 1" PVCC RGC
- 2-1/C NO. 10 AND 1/C NO. 10 GND. IN 1" PVCC RGC
- 3-1/C NO. 2 AND 1/C NO. 4 GND. 1 1/4" UNIT DUCT IN 3" PVCC RGC ATTACHED TO PIER
- JUNCTION BOX, STAINLESS STEEL, 18"x12"x6", ATTACHED TO BACKSIDE OF PIER COLUMN
- JUNCTION BOX, STAINLESS STEEL, 12"x10"x6", MOUNTED ON TOP OF THE PIER CAP
- JUNCTION BOX, STAINLESS STEEL, 6"x6"x4", ATTACHED TO THE UNDERPASS MOUNTING ASSEMBLY
- LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT
- EXISTING HIGH MAST TOWER TO REMAIN
- PROPOSED CABLE OR UNIT DUCT IN CONCEALED CONDUIT, SIZE AND TYPE AS NOTED

ABBREVIATIONS

ABBREVIATION	DESCRIPTION
AC	ALTERNATING CURRENT
A/C	AERIAL CABLE
CB	CIRCUIT BREAKER
CKT	CIRCUIT
CM	CENTIMETER
CP	CONTROL PANEL
CT	CURRENT TRANSFORMER
DA	DAVIT ARM
DC	DIRECT CURRENT
DIA	DIAMETER
DP	DISTRIBUTION PANEL
E	EXISTING UNIT TO REMAIN
ECA	ELECTRIC CABLE ASSEMBLY
FT	FEET OR FOOT
FU	FUSE
GND	GROUND
HID	HIGH INTENSITY DISCHARGE
JB	JUNCTION BOX
KVA	KILOVOLT-AMPERE
KW	KILOWATTS
M	METER
MA	MAST ARM
MC	MULTI-CONDUCTOR
MM	MILLIMETER
M.H.	MOUNTING HEIGHT
MW	MESSENGER WIRE
NO. #	NUMBER
N.T.S.	NOT TO SCALE
P	PROPOSED
PB	PUSH BUTTON
PNL	PANEL
PVC	POLYVINYL CHLORIDE
PVCC RGC	PVC COATED RIGID GALVANIZED CONDUIT
PT	POTENTIAL TRANSFORMER
R	EXISTING UNIT TO BE REMOVED (OWNER SALVAGED U.N.O.)
RR	EXISTING UNIT TO BE REMOVED AND REINSTALLED
RECP	RECEPTACLE
RGC	RIGID GALVANIZED CONDUIT
SEL SW	SELECTOR SWITCH
SPARE	SPARE
SPACE	SPACE
SS	STAINLESS STEEL
STA	STATION
UD	UNIT DUCT
U.N.O.	UNLESS NOTED OTHERWISE
UGC, GS	UNDERGROUND CONDUIT, GALVANIZED STEEL
WP	WOOD POLE
XFMR	TRANSFORMER
HPS	HIGH PRESSURE SODIUM
LPS	LOW PRESSURE SODIUM
LTFM	LIQUID TIGHT FLEXIBLE METALLIC

UNDERPASS LUMINAIRE IDENTIFICATION



IDOT SCHEDULE OF UNDERPASS LIGHTING QUANTITIES

PAY ITEM NO.	ITEM DESCRIPTION	ITEM QUANTITY					
		SHEET E-2	SHEET E-3	SHEET E-4	UNITS	CONTRACT TOTAL	RECORD QUANTITY
81028240	UNDERGROUND CONDUIT, GALVANIZED STEEL, 4" DIA.	-	116	206	FOOT	322	
• 81100320	CONDUIT ATTACHED TO STRUCTURE, 1" DIA. PVC COATED GALVANIZED STEEL	-	845		FOOT	845	-
• 81100805	CONDUIT ATTACHED TO STRUCTURE, 3" DIA. PVC COATED GALVANIZED STEEL	-	40		FOOT	40	-
81300220	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 6" x 6" x 4"	-	16		EACH	16	-
81300530	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 12" x 10" x 6"	-	8		EACH	8	-
81300800	JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 18" x 12" x 6"	-	2		EACH	2	-
• 81600800	UNIT DUCT, 600V, 3-1C NO. 2, 1/C NO. 4 GROUND, (XLP-TYPE USE), 1 1/4" DIA. POLYETHYLENE	-	960	812	FOOT	1772	-
• 81702110	ELECTRIC CABLE IN CONDUIT, 600V (XLP-TYPE USE) 1/C NO. 10	-	4043	-	FOOT	4043	-
• 82107200	UNDERPASS LUMINAIRE, 100 WATT, HIGH PRESSURE SODIUM	-	16	-	EACH	16	-
84200600	REMOVAL OF LIGHTING UNIT, NO SALVAGE	20	-	-	EACH	20	-
• X8130125	REMOVE EXISTING JUNCTION BOX	2	-	-	EACH	2	-
• X8210305	PROTECTION AND MAINTENANCE OF EXISTING UNDERPASS LIGHTING	1	-	-	LSUM	1	-
• X8430100	REMOVE EXISTING CONDUIT ATTACHED TO STRUCTURE	681	-	-	FOOT	681	-

• DESIGNATES SPECIAL PROVISION

INDEX OF IDOT-D1 STANDARDS:

STANDARD NO.	TITLE
BE-702	MISC. ELECTRICAL DETAILS SHEET A
BE-900	SUSPENDED MOUNT UNDERPASS LUMINAIRE INSTALLATION DETAILS

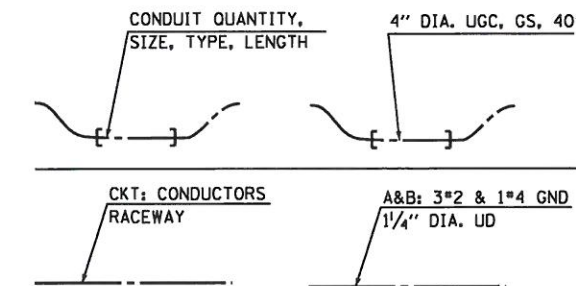


Exp. 11/30/2013

Angela C. Giovannone
1/18/2013

CALL-OUT SAMPLE

DEFINITION AND EXAMPLE



USER NAME = dsobota	DESIGNED - AM	REVISED -
PLOT SCALE = 3/8"=1'	DRAWN - YJ	REVISED -
PLOT DATE = 18-JAN-2013 16:21	CHECKED - AG	REVISED -
	DATE - 1/24/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ELECTRICAL GENERAL NOTES, SCHEDULE OF QUANTITIES AND LEGENDS

SCALE: NONE SHEET NO. 1 OF 5 SHEETS STA. TO STA.

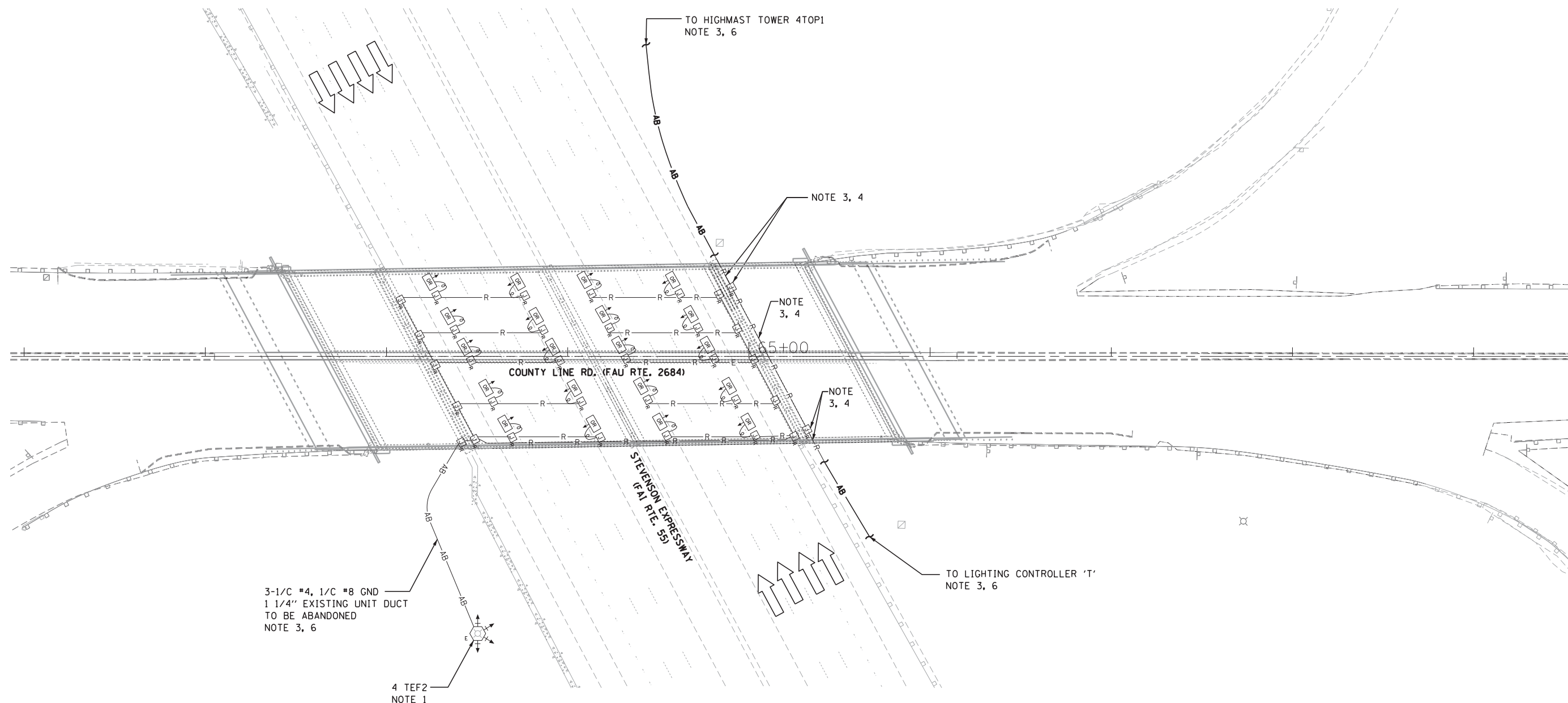
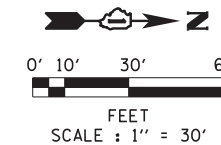
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2684	22-1HB-R	COOK/DUPAGE	161	84
CONTRACT NO. 60K77				
FED. ROAD, DIST. NO. 1 ILLINOIS FED. AID PROJECT				

LIST OF UNDERPASS LIGHTING ITEMS TO BE REMOVED:

- 20- 55W LPS SUSPENDED MOUNT LUMINAIRES (20 ON CIRCUIT E&F)
- 2- 12"x10"x6" SS JB ATTACHED TO PIER COLUMNS
- 10- 10"x8"x4" SS JB ATTACHED TO FACE OF THE PIER CAPS
- 20- 6"x4"x4" SS JB ATTACHED UNDERNEATH BRIDGE DECK.
- 72FT- 1" DIA. LIQUIDTIGHT FLEXIBLE METALLIC CONDUIT AND WIRING
- 990FT- 1" DIA. PVCC RGC ATTACHED TO THE STRUCTURE AND WIRING
- 32FT- 2 1/2" DIA. PVCC RGC ATTACHED TO THE STRUCTURE AND WIRING
- 56FT-2 1/2" DIA. RGC UNDERGROUND CONDUIT AND WIRING

NOTES:

1. CONTRACTOR SHALL DISCONNECT AND REMOVE FEED TO EXISTING UNDERPASS LIGHTING FROM EXISTING HIGH MAST TOWER ONCE PROPOSED UNDERPASS LIGHTING IS INSTALLED AND OPERATIONAL.
2. THE EXISTING UNDERPASS LIGHTING SYSTEM REMOVAL SHALL BE COORDINATED WITH THE BRIDGE STRUCTURE REMOVAL. DURING CONSTRUCTION OF THE SOUTHBOUND COUNTY LINE ROAD (FAU RTE. 2684) BRIDGE DECK, CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE EXISTING UNDERPASS LIGHTING UNDER THE NORTHBOUND COUNTY LINE ROAD (FAU RTE. 2684) BRIDGE DECK AND KEEP OPERATIONAL IF NOT AFFECTED BY THE BRIDGE DECK REMOVAL. CONTRACTOR IS RESPONSIBLE TO MAKE THE PROPOSED UNDERPASS LIGHTING UNDER THE SOUTHBOUND COUNTY LINE ROAD (FAU RTE. 2684) BRIDGE DECK OPERATIONAL BEFORE REMOVING THE EXISTING UNDERPASS LIGHTING UNDER THE NORTHBOUND COUNTY LINE ROAD (FAU RTE. 2684) BRIDGE DECK. THIS WORK SHALL BE INCIDENTAL TO THE PROTECTION AND MAINTENANCE OF EXISTING UNDERPASS LIGHTING PAY ITEM.
3. THE EXISTING UNDERGROUND UNIT DUCTS GOING TO THE JUNCTION BOX ATTACHED TO THE BRIDGE PIER AND FROM THE JUNCTION BOX TO THE EXISTING HIGH-MAST LIGHTING TOWER SHALL BE ADJUSTED OR RE-ROUTED TO MAINTAIN EXISTING LIGHTING SYSTEM OPERATIONAL DURING CONSTRUCTION IF DEEMED NECESSARY DURING EXCAVATION WORK FOR THE BRIDGE PIER EXTENSION CONSTRUCTION. THIS WORK SHALL BE INCIDENTAL TO THE PROTECTION AND MAINTENANCE OF EXISTING UNDERPASS LIGHTING SYSTEM PAY ITEM.
4. REMOVE EXISTING JUNCTION BOXES, CONDUITS AND WIRING AFTER INSTALLATION OF NEW EQUIPMENT, SEE SHEETS E-3 AND E-4.
5. SEE SHEET E-1 FOR SYMBOLS LEGEND.
6. ABANDON EXISTING UNIT DUCT IN PLACE.



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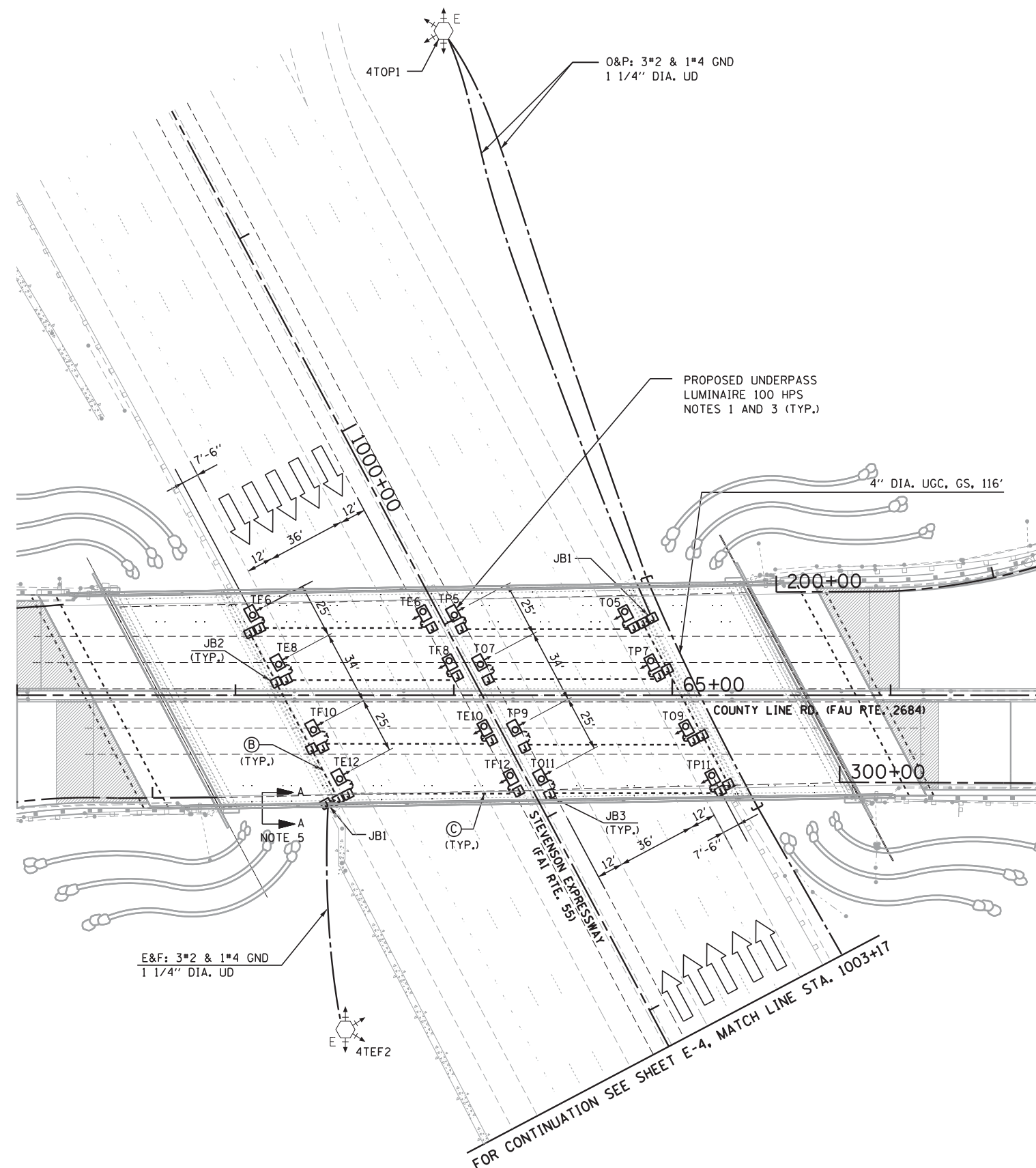
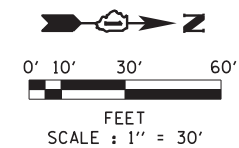
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**COUNTY LINE RD. AT STEVENSON EXPRESSWAY
EXISTING UNDERPASS LIGHTING REMOVAL PLAN**

SCALE: 1" = 30' SHEET NO. 2 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2684	22-1HB-R	COOK/DUPAGE	161	85
CONTRACT NO. 60K77				
FED. ROAD. DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E-2



NOTES:

1. ALL UNDERPASS LUMINAIRES SHALL BE CENTERED BETWEEN GIRDER BEAMS. LUMINAIRES MOUNTED OVER OUTSIDE SHOULDERS SHALL BE MOUNTED AT 2 FEET OFF THE EDGE OF FUTURE LOOP RAMP. LUMINAIRES MOUNTED OVER INSIDE SHOULDERS ARE DESIGNED TO ACCOMMODATE FUTURE HOV LANES ON I-55.
2. THE SPLICE AT THE JUNCTION BOX SHALL BE INSTALLED ACCORDING TO THE SPLICING DETAIL SHOWN ON MISCELLANEOUS ELECTRICAL DETAILS SHEET A, DRAWING NO. BE-702 AND AS SHOWN ON SHEET E-4. PROVIDE DOUBLE POLE FUSE HOLDER WITH 15 AMP FUSES.
3. UNDERPASS LIGHTING SYSTEM SHALL BE INSTALLED AS SHOWN ON THE SUSPENDED MOUNT UNDERPASS LUMINAIRE INSTALLATION DETAILS, PER IDOT DISTRICT 1 STANDARD BE-900.
4. SEE SHEET E-1 FOR SYMBOLS LEGEND.
5. SEE SECTION A-A ON SHEET E-4.

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	DATE - 1/24/2013	REVISED -

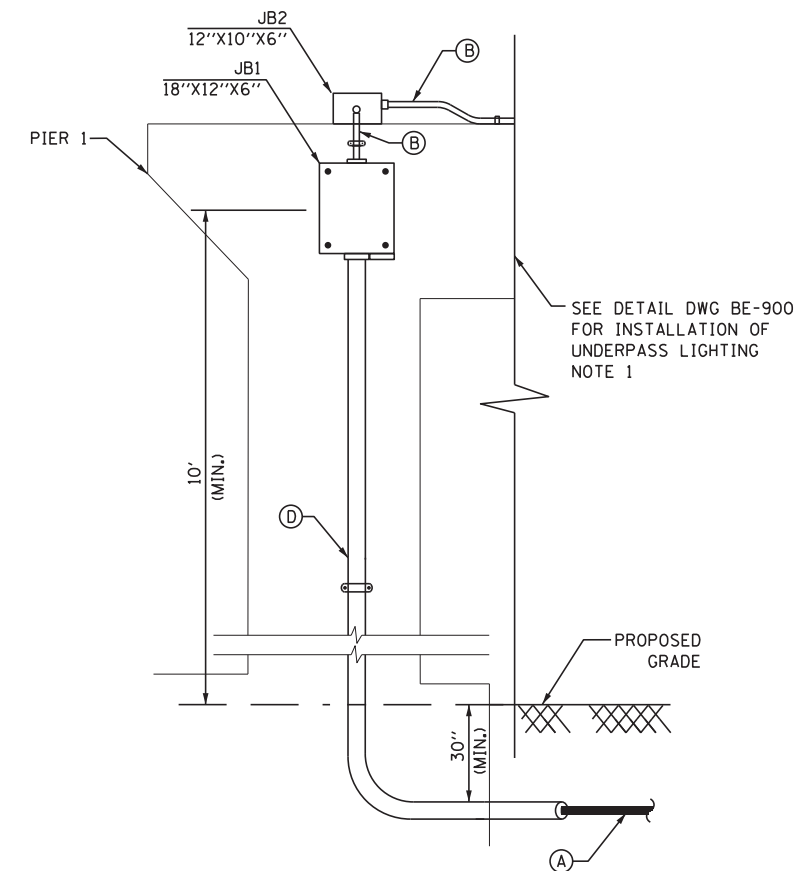
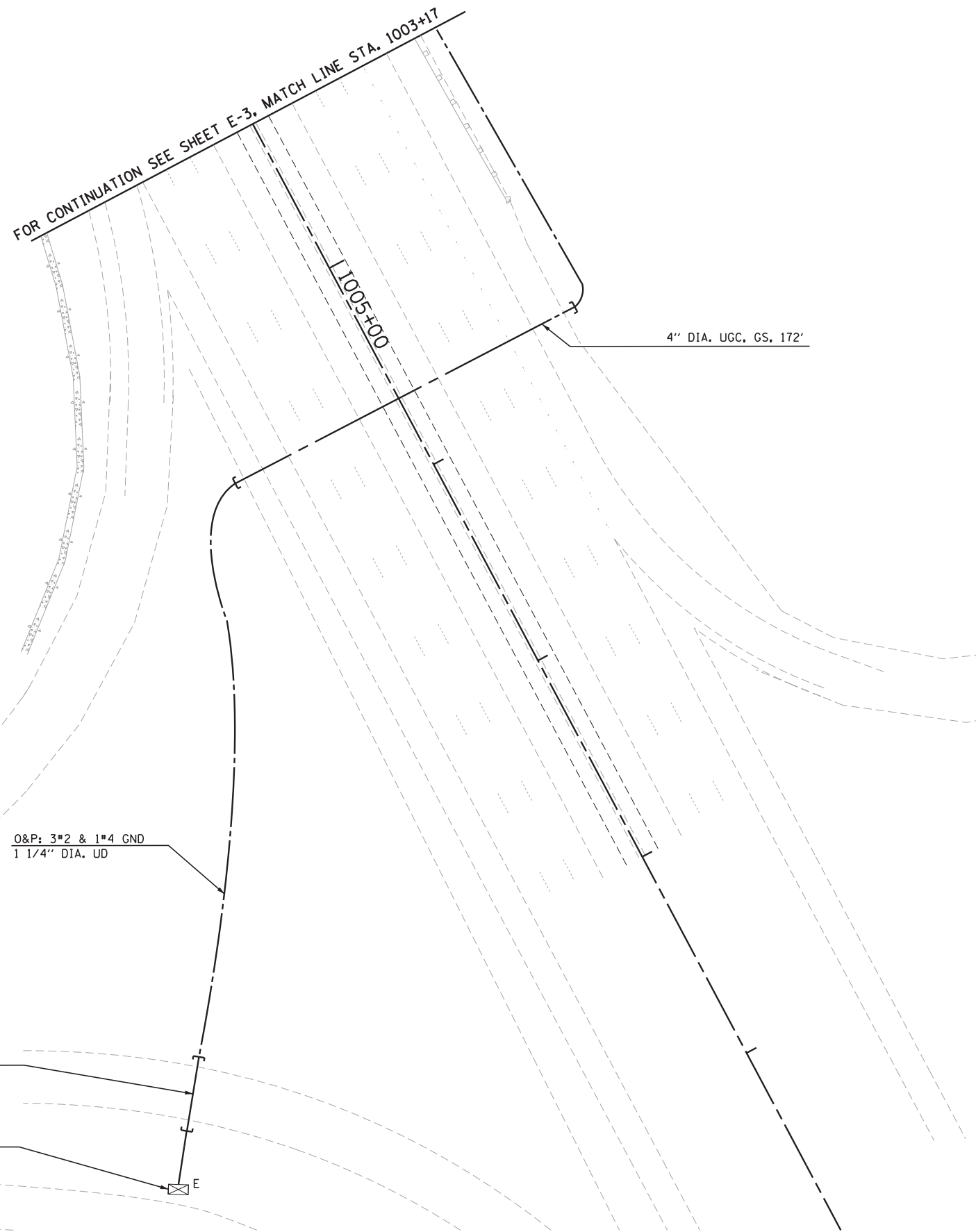
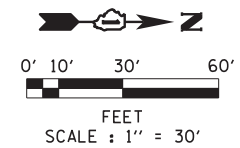
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**I-55 AND COUNTY LINE ROAD
UNDERPASS PROPOSED PLAN**

SCALE: 1" = 30' SHEET NO. 3 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2684	22-1HB-R	COOK/DUPAGE	161	86
CONTRACT NO. 60K77				
FED. ROAD, DIST. NO. 1 ILLINOIS FED. AID PROJECT				

E-3



PIER 1 LOOKING EAST
SECTION A-A (TYP. FOR PIER 3)
N.T.S.

NOTES:

1. UNDERPASS LIGHTING SYSTEM SHALL BE INSTALLED AS SHOWN ON THE SUSPENDED MOUNT UNDERPASS LUMINAIRE INSTALLATION DETAILS, PER IDOT DISTRICT 1 STANDARD BE-900.

FILE NAME = J:\288\DOWN\CADD Sheets\Electrical\166K77-ah124-elec4.dgn



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	DRAWN - YJ	REVISED -
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PLOT DATE = 1/23/2013	DATE - 1/24/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-55 AND COUNTY LINE ROAD
UNDERPASS PROPOSED PLAN

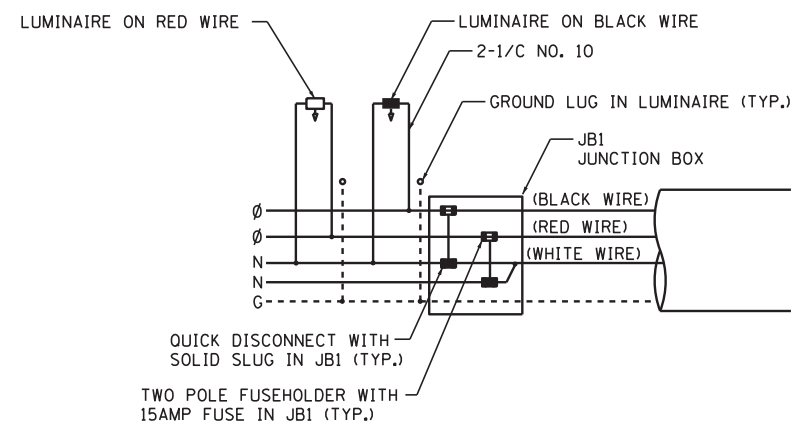
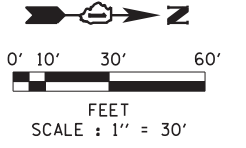
SCALE: 1" = 30' SHEET NO. 4 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2684	22-1HB-R	COOK/DUPAGE	161	87
FED. ROAD, DIST. NO. 1 ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K77	

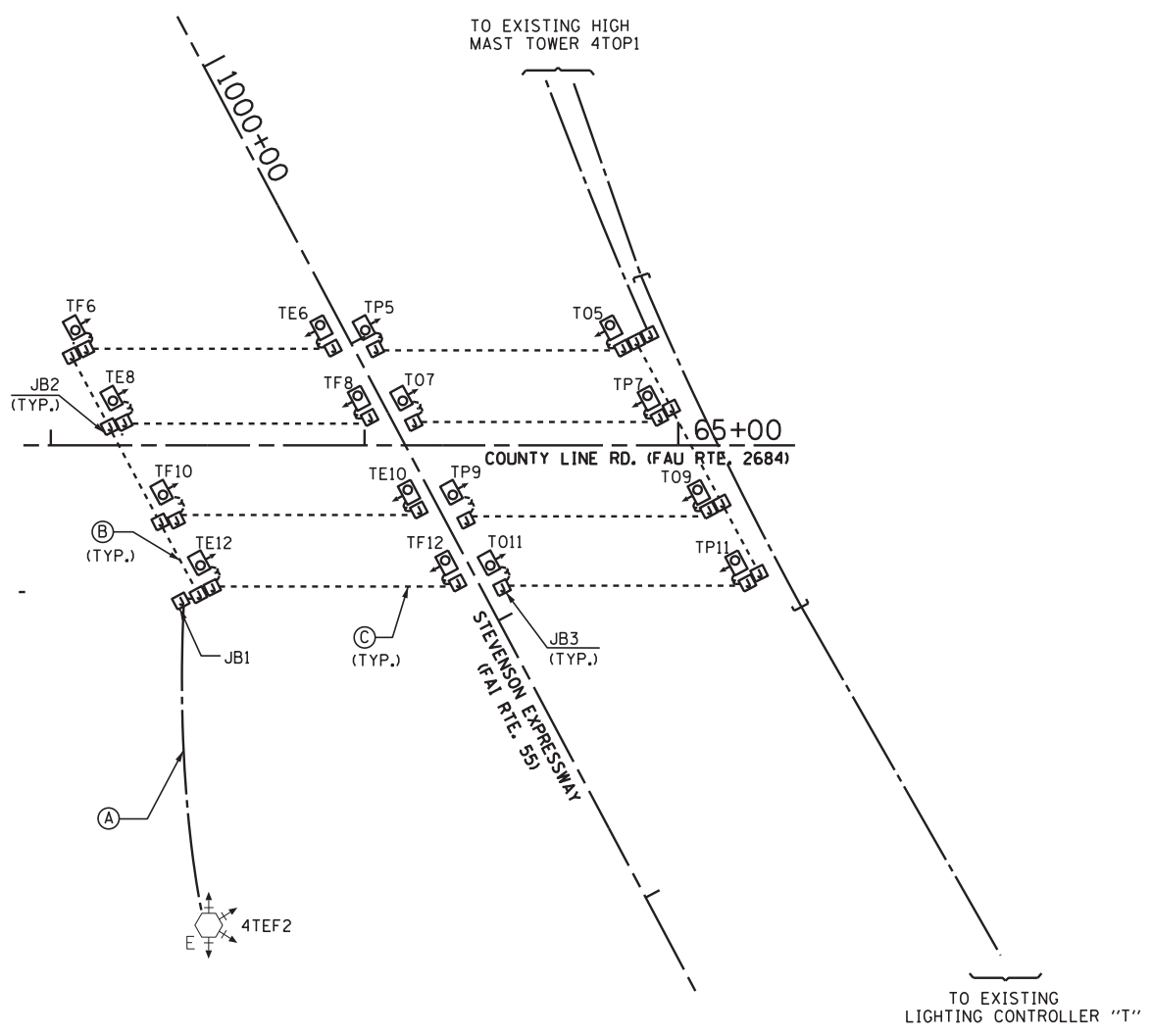
E-4

EXISTING LIGHTING CONTROLLER "T", 240/480V					
RED PHASE	WATT.	AMP.	BLACK PHASE	WATT.	AMP.
A	-	-	B	-	-
C	2250	9.375	D	3000	12.5
E	7900	32.9	F	7150	29.8
G	3400	14.17	H	4150	17.29
I	3750	15.6	J	3000	12.5
K	-	-	L	-	-
M	-	-	N	-	-
O	3400	14.17	P	3400	14.17
TOTAL	20700	86.21		20700	86.26

* ASSUMED 20% BALLAST FACTOR FOR ALL LUMINAIRES



TYPICAL UNDERPASS LUMINAIRE WIRING DIAGRAM N.T.S.



NOTES:

1. CONTRACTOR SHALL FIELD VERIFY ALL CIRCUITS, POLE NUMBERS AND WIRING.
2. SEE SHEET E-1 FOR SYMBOLS LEGEND.

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PLOT DATE = 1/23/2013	DATE - 1/24/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-55 AND COUNTY LINE ROAD
WIRING DIAGRAM CONTROLLER "T"
SCALE: 1" = 30' SHEET NO. 5 OF 5 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2684	22-1HB-R	COOK/DUPAGE	161	88
CONTRACT NO. 60K77				
FED. ROAD. DIST. NO. 1 ILLINOIS FED. AID PROJECT				

Benchmark: The benchmark is a control point. Northing: 1854350.090, Easting: 1098110.758, Elev.: 714.533, Sta.: 65+48.71, Offset: 58.65' LT.

Existing Structure: S.N. 016-0587 was originally constructed in 1959 as F.A.I. Route 55 Section 22-IHB as a four span wide flange structure with simply supported end spans supporting a reinforced concrete slab on multi column piers and spill thru stub abutments. In 1989 the bridge deck was patched and expansion joints were sealed. In 1995 the bridge was retrofitted to remove the pin connections over piers 1 and 3. At an unknown time the steel railings and curbs were removed and replaced with a concrete barrier. The structure is 288'-0" long back to back of abutments and 99'-0 1/2" out-to-out of deck, at right angles to Centerline of Roadway. The Contractor will remove and replace existing superstructure and abutments. Traffic to be maintained using Stage Construction. All ramps will remain open during construction.

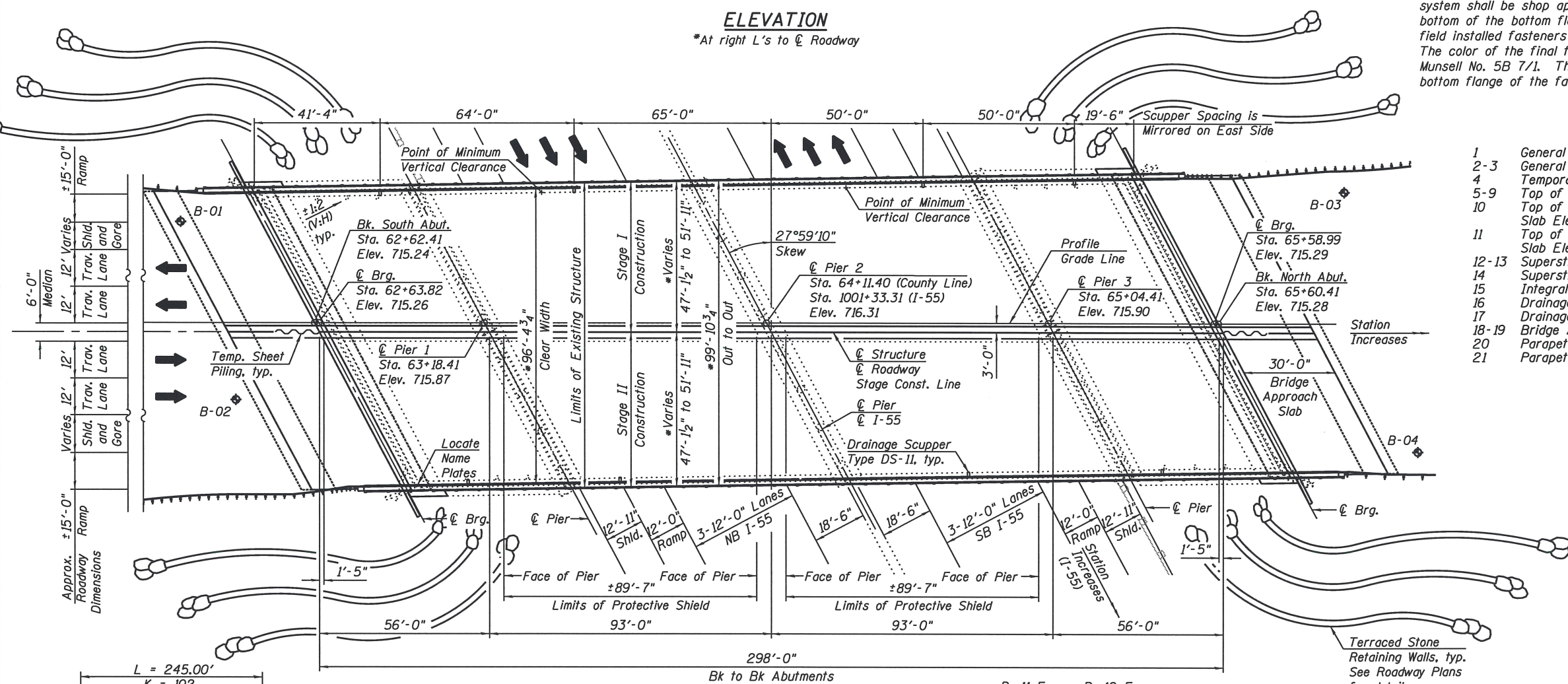
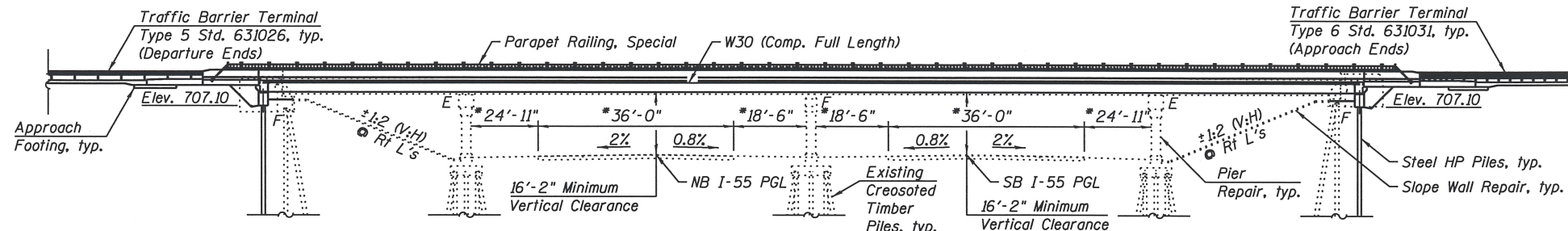
Salvage: Cathodic Protection Rectifier. Return to Cook County's Electrical Maintenance Contractor's Maintenance Facility. Cost included in Removal of Existing Superstructures.

SCOPE OF WORK

1. Remove and replace superstructure.
2. Remove existing stub abutments and construct integral abutments.
3. Repair slope wall and piers.

GENERAL NOTES

Fasteners shall be ASTM A325 Type 1, mechanically galvanized bolts. Bolts 7/8-in. ϕ , holes 15/16-in. ϕ , unless otherwise noted.
 Calculated weight of Structural Steel = 927,470 Pounds (926,590 Pounds Grade 50, 880 Pounds Grade 36)
 No field welding is permitted except as specified in the contract documents.
 Reinforcement bars designated (E) shall be epoxy coated.
 Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
 Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8 inch (0.01 ft.). Adjustment shall be made either by grinding the surface or by shimming the bearings.
 Concrete Sealer shall be applied to the designated areas of Pier 2.
 The existing structural steel coating contains lead. The Contractor shall take appropriate precautions to deal with the presence of lead on this project.
 The Organic Zinc Rich Primer / Epoxy / Urethane Paint System shall be used for painting of new structural steel except where otherwise noted. The entire system shall be shop applied, with the exception of the exterior surface and the bottom of the bottom flange of fascia beams, masked off connection surfaces, field installed fasteners and damaged areas shall be touched up in the field.
 The color of the final finish coat for all interior steel surfaces shall be Gray, Munsell No. 5B 7/1. The color of the final finish coat for the exterior and bottom flange of the fascia beams shall be Reddish Brown, Munsell No. 2.5YR 3/4.



INDEX OF SHEETS

1	General Plan and Elevation	22	Steel Framing Plan
2-3	General Details	23	Beam Details
4	Temporary Concrete Barrier	24	Diaphragm Details
5-9	Top of Slab Elevations	25-26	Bearing Details
10	Top of North Approach Slab Elevations	27	Abutment Removal Plan
11	Top of South Approach Slab Elevations	28	North Abutment Details
12-13	Superstructure	29	South Abutment Details
14	Superstructure Details	30	Pier 1 Repair Details
15	Integral Abutment Diaphragm Details	31-32	Pier 2 Repair Details
16	Drainage Scupper, DS-II	33	Pier 3 Repair Details
17	Drainage Scupper	34	Slope Wall Details
18-19	Bridge Approach Slab Details	35	HP Pile Detail
20	Parapet Details	36	Bar Splicer Assembly and Mechanical Splicer Details
21	Parapet Rail Special	37-41	Soil Boring Log
		42	Existing General Plan & Elevation

DESIGN STRESSES

FIELD UNITS (NEW CONSTRUCTION)
 $f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)
 $f_y = 50,000$ psi (M270 Grade 50)

FIELD UNITS (EXISTING CONSTRUCTION)
 $f'_c = 3,500$ psi
 $f_y = 40,000$ psi (Reinforcement)

LOADING HL-93 (NEW CONSTRUCTION)

Allow 50#/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS

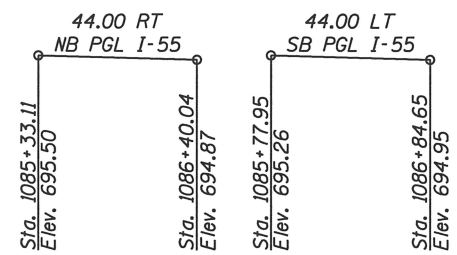
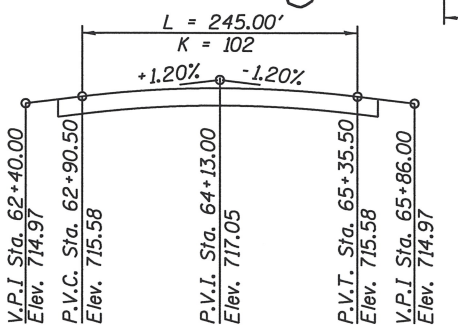
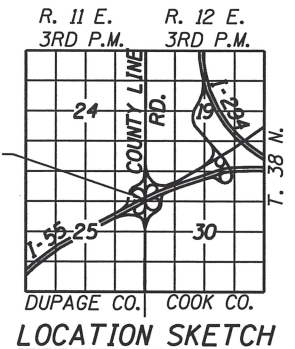
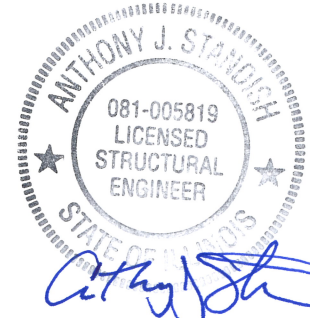
2012 AASHTO LRFD Bridge Design Specifications

SEISMIC DATA

Seismic Performance Zone (SPZ) = 1
 Design Spectral Acceleration at 1.0 sec. (S_{D1}) = 0.09g
 Design Spectral Acceleration at 0.2 sec. (S_{D5}) = 0.158g
 Soil Site Class = D

GENERAL PLAN & ELEVATION

COUNTY LINE RD OVER I-55
 F.A.I. 55 SECTION 22-IHB-R
 COOK/DUPAGE COUNTY
 STA. 64+13.00
 S.N. 016-0587



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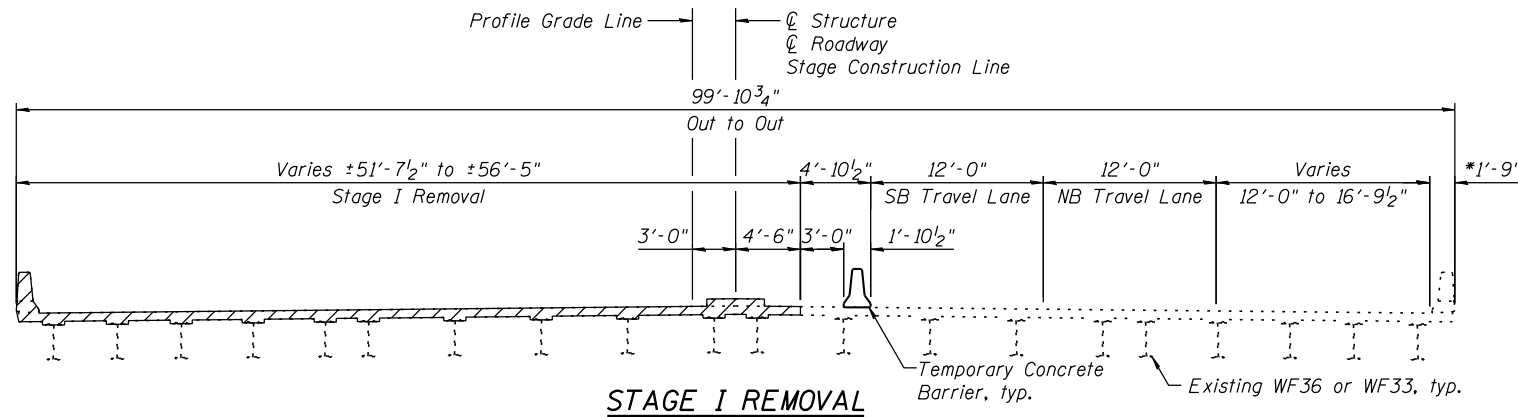
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN AND ELEVATION
 STRUCTURE NO. 016-0587

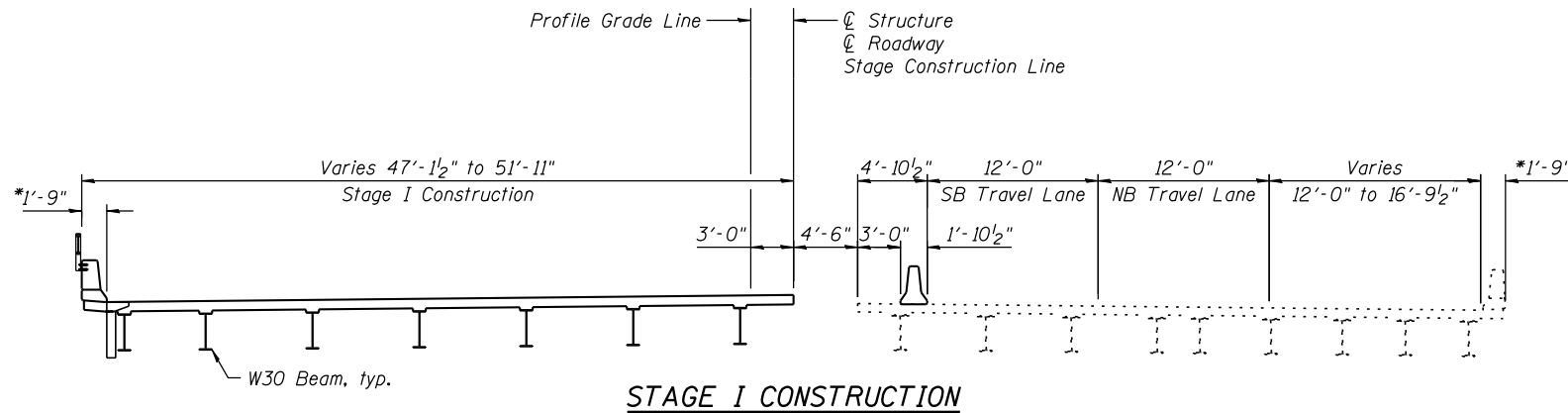
SHEET NO. 1 OF 42 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-IHB-R	COOK/DUPAGE	161	89
			CONTRACT NO. 60K77	

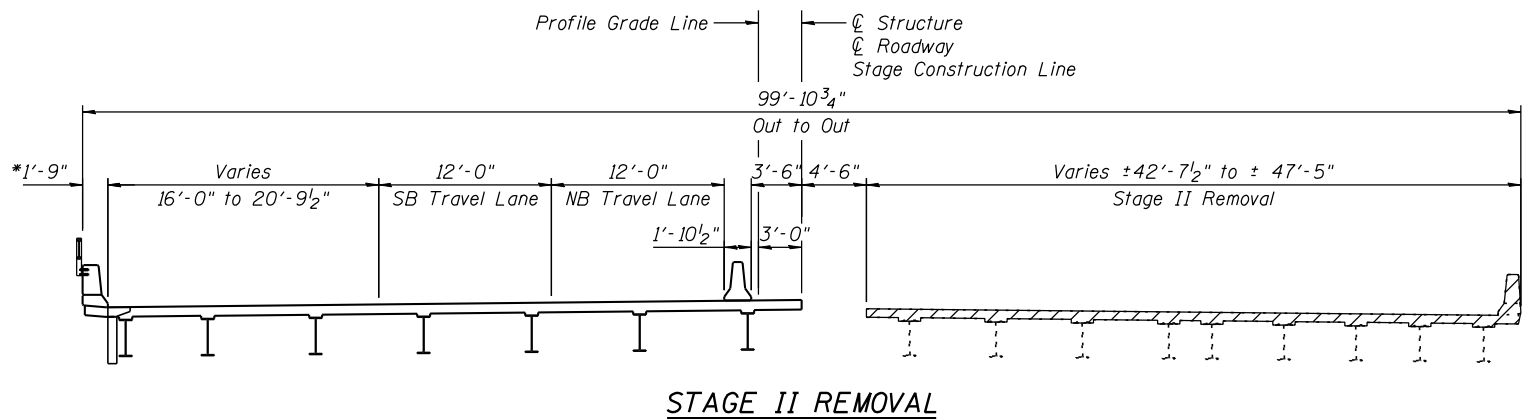
ILLINOIS FED. AID PROJECT



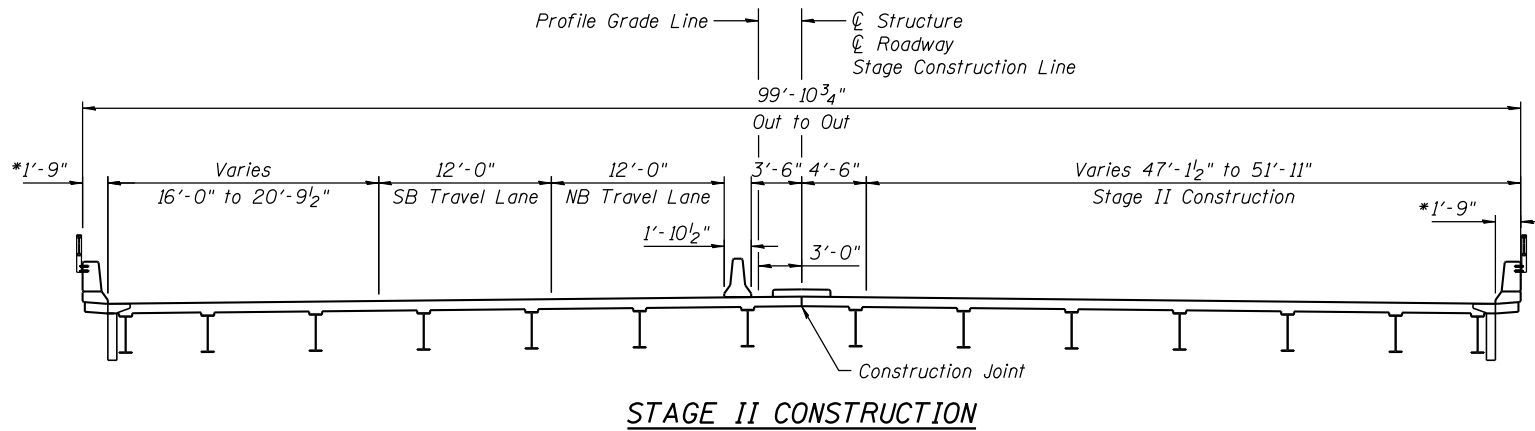
STAGE I REMOVAL



STAGE I CONSTRUCTION



STAGE II REMOVAL



STAGE II CONSTRUCTION

LEGEND

Removal of Existing Superstructures

*At right L's to parapet

Notes:

All dimensions are at Right L's to $\text{\textcircled{C}}$ Roadway unless otherwise noted.
 All staging cross sections are looking North.
 Removal of Existing Wearing Surface, Expansion Joints, Existing Permanent Protective Shield System and Abandoned Utility and Conduit are included in the cost of Removal of Existing Superstructures.
 The existing deck contains a cathodic protection system, which is to be salvaged. The system and its appurtenances shall be disabled and removed. This includes but is not limited to disconnection the ComED power, removing service installation and removing existing rectifier cabinet. The cost of this work shall be included with Removal of Existing Superstructures.
 For quantity of Temporary Concrete Barrier, see Roadway Plans

STATION 1086+05
 RE-BUILT 20XX BY
 STATE OF ILLINOIS
 F.A.I. RT 55 SEC. 22-1HB-R
 LOADING HL-93
 STRUCTURE NO. 016-0587

Existing Name Plate shall be cleaned and relocated next to new Name Plate. Cost included with Name Plates.

NAME PLATE
 See Std. 515001

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal Of Existing Superstructures	Each	1		1
Concrete Removal	Cu Yd		200	200
Slope Wall Removal	Sq Yd		90	90
Protective Shield	Sq Yd	1,990		1,990
Structure Excavation	Cu Yd		400	400
Concrete Structures	Cu Yd		165	165
Concrete Superstructure	Cu Yd	1,282		1,282
Bridge Deck Grooving	Sq Yd	3,517		3,517
Concrete Encasement	Cu Yd		12	12
Form Liner Textured Surface	Sq Ft	2,383		2,383
Protective Coat	Sq Yd	4,165		4,165
Furnishing And Erecting Structural Steel	L Sum	1		1
Stud Shear Connectors	Each	22,290		22,290
Reinforcement Bars, Epoxy Coated	Pound	314,450	31,160	345,610
Bar Splicers	Each	1,440	76	1,516
Slope Wall 4 Inch	Sq Yd		259	259
Furnishing Steel Piles HP 12x53	Foot		1,936	1,936
Driving Piles	Foot		1,936	1,936
Test Pile Steel HPI2x53	Each		2	2
Name Plates	Each		1	1
Elastomeric Bearing Assembly, Type I	Each		28	28
Anchor Bolts, 1"	Each		140	140
Concrete Sealer	Sq Ft		97	97
Epoxy Crack Injection	Foot		446	446
Geocomposite Wall Drain	Sq Yd		195	195
Porous Granular Embankment, Special	Cu Yd		400	400
Parapet Railing, Special	Foot	650		650
Staining Concrete Structures	Sq Yd	265		265
Ornamental Metal Panel	Each	2		2
Structural Repair Of Concrete (Depth Equal or Less Than 5 Inches)	Sq Ft		1,010	1,010
Structural Repair Of Concrete (Depth Greater Than 5 Inches)	Sq Ft		60	60
Drainage Scuppers, DS-11	Each	8		8
Drainage System	L Sum	1		1
Temporary Sheet Piling	Sq Ft		417	417
Pipe Underdrains For Structures 4"	Foot		352	352
Slope Wall Repair	Sq Yd		10	10

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SA STRAND ASSOCIATES
 1170 SOUTH HOUBOLT ROAD
 JOLIET, ILLINOIS 60431
 (815) 744-4200
 IDFPR NO. 184-001273

USER NAME = brianf
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 CHECKED - AJS
 PLOT SCALE =
 DRAWN - BJF
 CHECKED - RRD
 PLOT DATE = 1/29/2013

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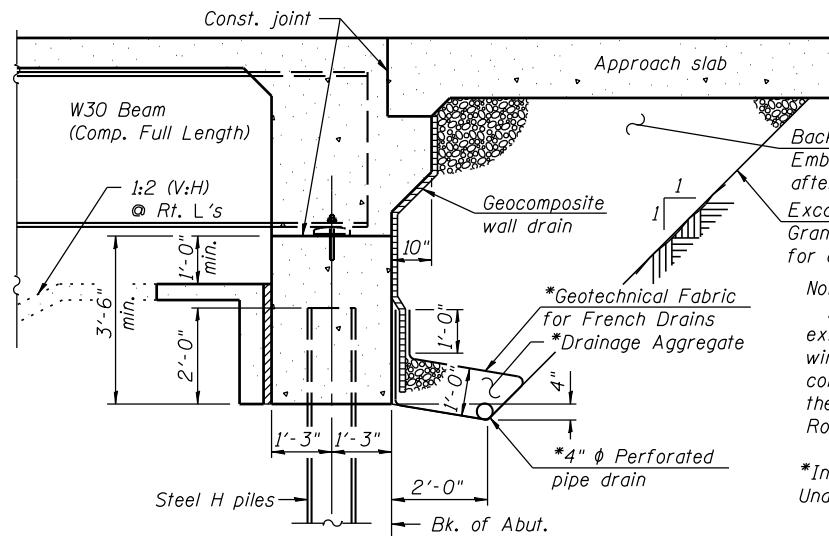
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**GENERAL DETAILS (SHEET 1 OF 2)
 STRUCTURE NO. 016-0587**

SHEET NO. 2 OF 42 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	90
ILLINOIS FED. AID PROJECT			CONTRACT NO. 60K77	

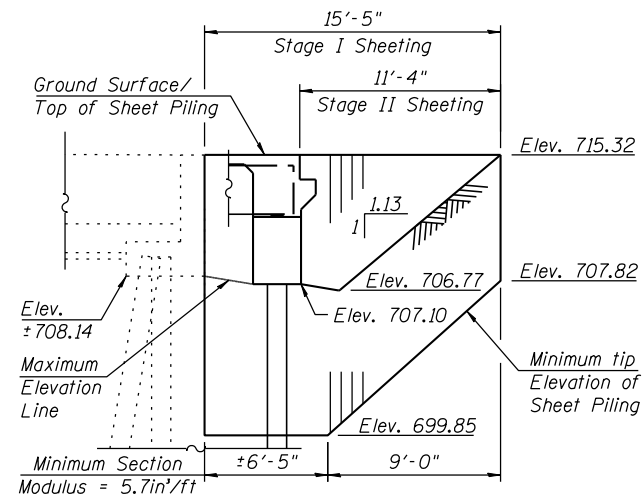


Backfill with Porous Granular Embankment (Special) by Bridge Contractor after superstructure is in place. Excavation for placing Porous Granular Embankment is paid for as Structure Excavation.

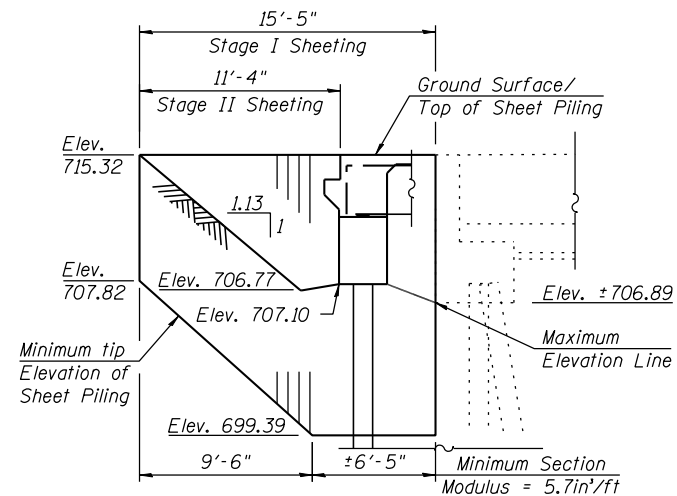
Note:
All drainage system components shall extend to 2'-0" from the end of each wingwall except an outlet pipe shall connect to the underdrain system for the Terraced Stone Retaining Wall, see Roadway Plans.

*Included in the cost of Pipe Underdrains for Structures.

SECTION THRU INTEGRAL ABUTMENT
(Horiz. dim. @ Rt. L's)



NORTH ABUTMENT
TEMPORARY SHEET PILING



SOUTH ABUTMENT
TEMPORARY SHEET PILING

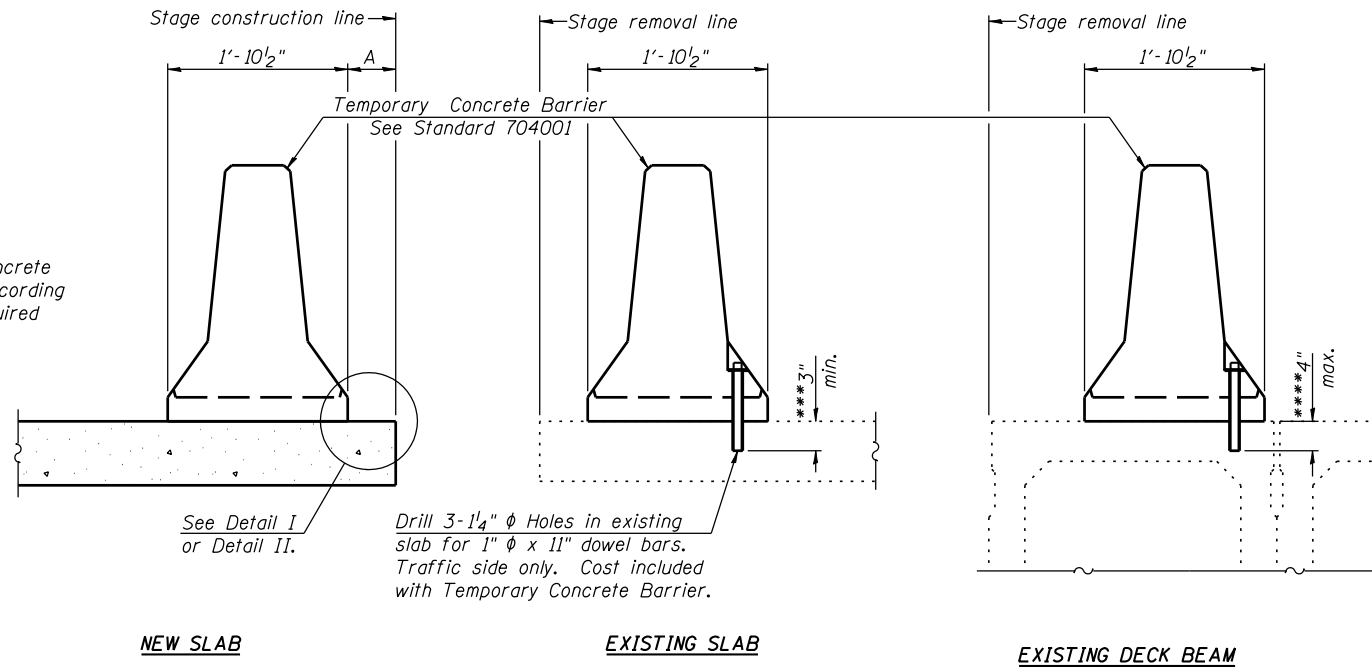
Note:
If the Contractor chooses to alter the temporary cantilevered sheet piling design requirements shown on the plans, a design submittal including plan details and calculations will be required for review and acceptance by the Engineer.

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	CHECKED - RRD	REVISED

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	91
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				

When "A" is 3'-6" or less, the temporary concrete barrier shall be anchored to the new slab according to Detail I or Detail II. No anchorage is required when "A" is greater than 3'-6".



SECTIONS THRU SLAB OR DECK BEAM

NOTES

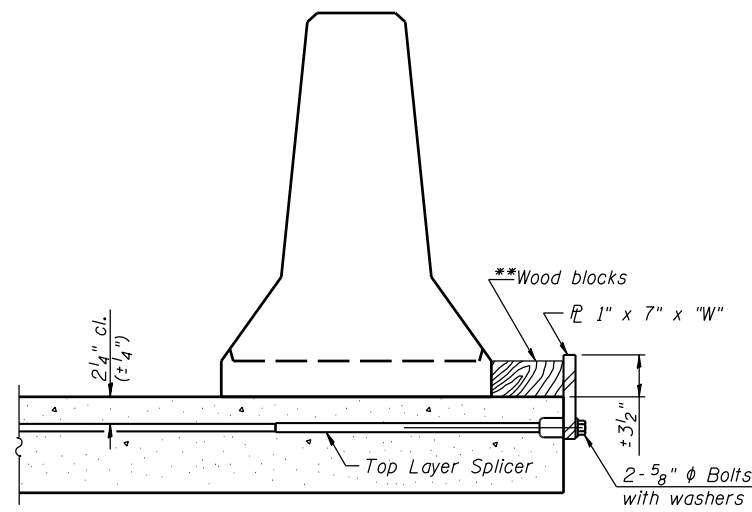
Detail I - With Bar Splicer or Couplers:
Connect one (1) 1" x 7" x "W" steel PL to the top layer of couplers with 2-5/8" φ bolts screwed to coupler at approximate C of each barrier panel.

Detail II - With Extended Reinforcement Bars:
Connect one (1) 1" x 7" x "W" steel PL to the concrete slab or concrete wearing surface with 2-5/8" φ Expansion Anchors or cast in place inserts spaced between the top layer of reinforcement at approximate C of each barrier panel.

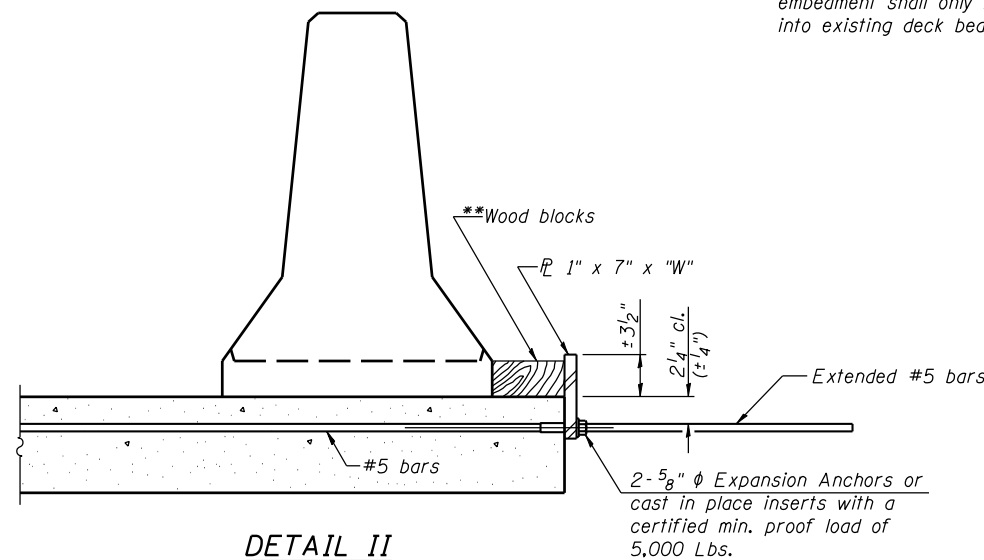
Cost of anchorage is included with Temporary Concrete Barrier. The 1" x 7" x "W" plate shall not be removed until stage II construction forms and all reinforcement bars are in place and the concrete is ready to be placed.

*** Dimension shown is minimum required embedment into concrete. If hot-mix asphalt wearing surface is present, minimum embedment shall be in addition to wearing surface depth.

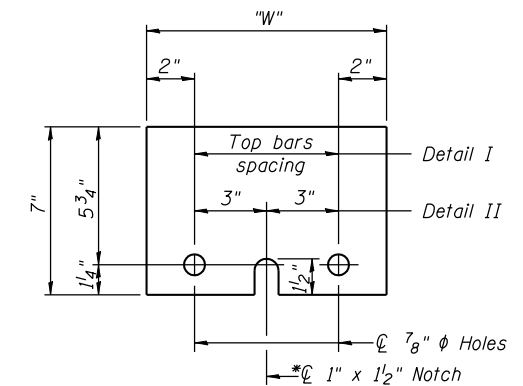
**** If existing deck beam is to remain in place after stage construction, embedment shall only be into wearing surface and not into existing deck beam concrete.



DETAIL I



DETAIL II



STEEL RETAINER PL 1" x 7" x "W"

* Required only with Detail II

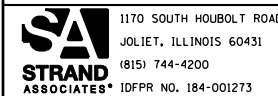
** Wood blocks may be omitted when required to provide minimum stage traffic lane width. When the wood blocks are omitted, the concrete barrier shall be in direct contact with the steel retainer plate.

"W" = Top bars spacing + 4"

FILE NAME = s:\p\16380-6395\6346\028\micro\cadd sheets\structural\0163807-60K77-003-TCB.dgn

R-27

7-1-10



1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
IDFPR NO. 184-001273

USER NAME = brianf
DESIGNED - RRD
CHECKED - AJS
DRAWN - BJF
CHECKED - RRD

REVISED
REVISED
REVISED
REVISED

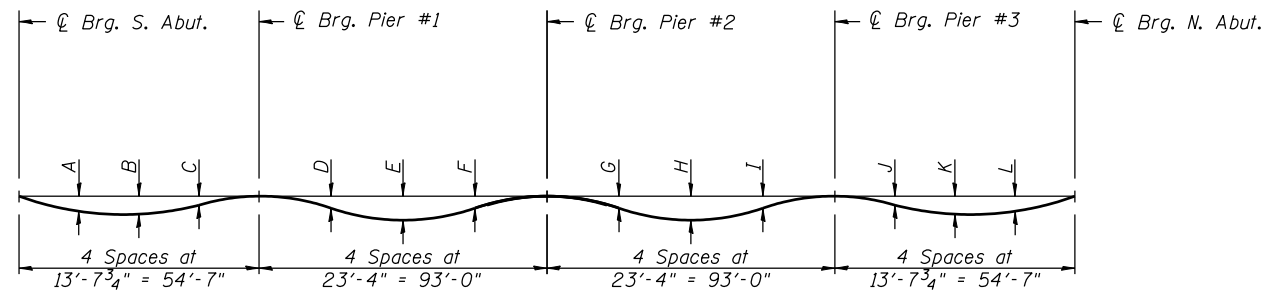
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CONCRETE BARRIER
STRUCTURE NO. 016-0587**

SHEET NO. 4 OF 42 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	92
CONTRACT NO. 60K77				

ILLINOIS FED. AID PROJECT

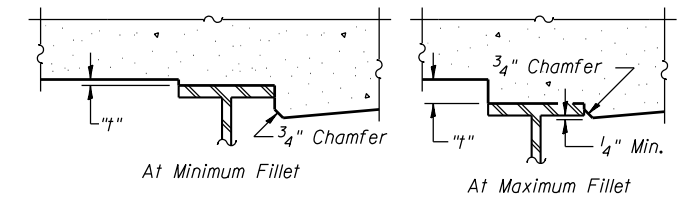


DEAD LOAD DEFLECTION DIAGRAM
(Includes weight of concrete only)

Note:
The above deflections are not to be used in the field if the engineer is working from the grade elevations adjusted for dead load deflections as shown on Sheet 6-9 of 42.

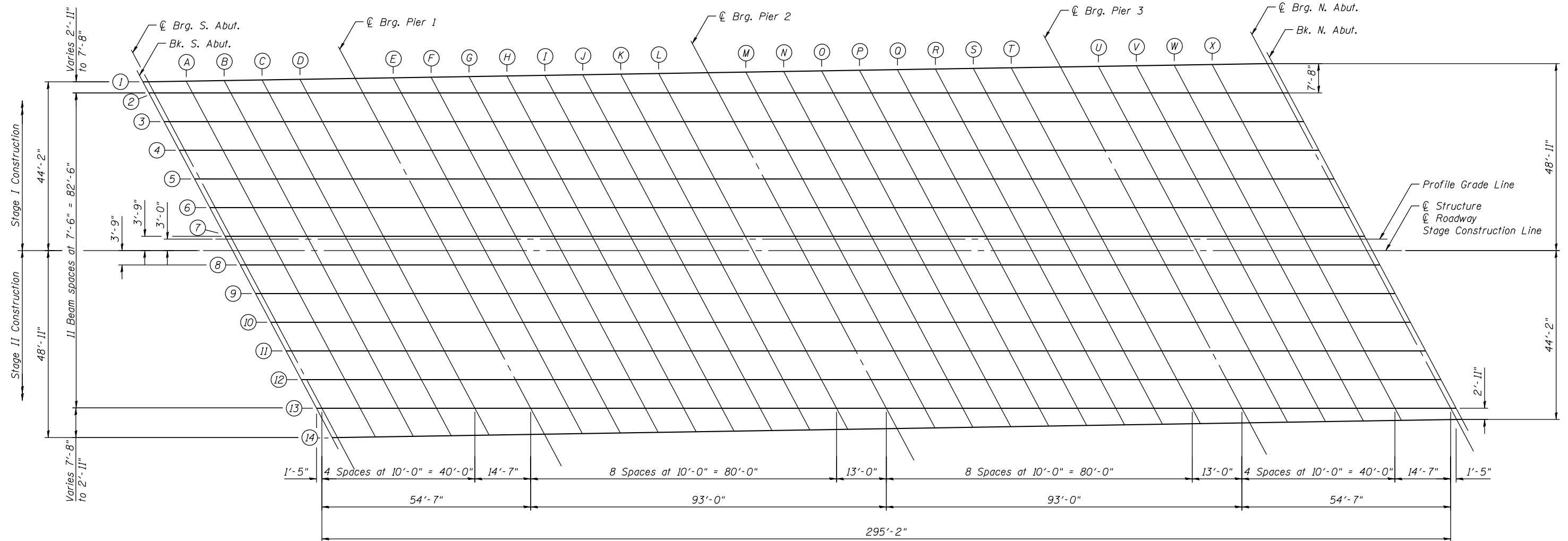
DEAD LOAD DEFLECTION TABLE

Beam	A	B	C	D	E	F	G	H	I	J	K	L
1	0"	0"	0"	5/8"	1"	1/2"	3/8"	3/4"	1/2"	0"	0"	0"
2-13	0"	0"	0"	3/4"	1 1/8"	5/8"	5/8"	1 1/8"	3/4"	0"	0"	0"
14	0"	0"	0"	1/2"	3/4"	3/8"	1/2"	7/8"	5/8"	0"	0"	0"



To determine "t": After all structural steel has been erected, elevations of the top flanges of the beams shall be taken at intervals shown on Sheet 6-9 of 42. These elevations subtracted from the "Theoretical Grade Elevations Adjusted for Dead Load Deflection" shown below, minus slab thickness, equals the fillet heights "t" above top flange of beams.

FILLET HEIGHTS



PLAN

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BEAM 1

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of S. Abut.	62+40.54	-44.15	714.15	714.15
CL Brq. S. Abut.	62+41.94	-44.17	714.17	714.17
A	62+51.85	-44.33	714.28	714.29
B	62+61.77	-44.49	714.40	714.40
C	62+71.68	-44.66	714.52	714.52
D	62+81.60	-44.82	714.63	714.63
CL Pier #1	62+96.06	-45.05	714.80	714.80
E	63+05.97	-45.21	714.91	714.92
F	63+15.89	-45.37	715.00	715.05
G	63+25.80	-45.53	715.09	715.15
H	63+35.72	-45.69	715.17	715.24
I	63+45.63	-45.85	715.23	715.31
J	63+55.54	-46.02	715.29	715.35
K	63+65.46	-46.18	715.34	715.38
L	63+75.37	-46.34	715.37	715.40
CL Pier #2	63+88.26	-46.55	715.41	715.41
M	63+98.18	-46.71	715.43	715.43
N	64+08.09	-46.87	715.43	715.45
O	64+18.01	-47.03	715.43	715.47
P	64+27.92	-47.19	715.42	715.47
Q	64+37.84	-47.35	715.39	715.45
R	64+47.75	-47.51	715.36	715.42
S	64+57.66	-47.67	715.32	715.36
T	64+67.58	-47.83	715.27	715.29
CL Pier #3	64+80.47	-48.04	715.19	715.19
U	64+90.38	-48.20	715.12	715.11
V	65+00.30	-48.36	715.03	715.03
W	65+10.21	-48.52	714.94	714.94
X	65+20.13	-48.68	714.84	714.84
CL Brq. N. Abut.	65+34.59	-48.92	714.67	714.67
Back of N. Abut.	65+35.99	-48.94	714.65	714.65

BEAM 2

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of S. Abut.	62+42.08	-41.25	714.23	714.23
CL Brq. S. Abut.	62+43.49	-41.25	714.25	714.25
A	62+53.49	-41.25	714.37	714.37
B	62+63.49	-41.25	714.49	714.49
C	62+73.49	-41.25	714.61	714.61
D	62+83.49	-41.25	714.73	714.72
CL Pier #1	62+98.08	-41.25	714.90	714.90
E	63+08.08	-41.25	715.01	715.03
F	63+18.08	-41.25	715.11	715.16
G	63+28.08	-41.25	715.20	715.27
H	63+38.08	-41.25	715.28	715.36
I	63+48.08	-41.25	715.34	715.43
J	63+58.08	-41.25	715.40	715.47
K	63+68.08	-41.25	715.45	715.49
L	63+78.08	-41.25	715.49	715.51
CL Pier #2	63+91.08	-41.25	715.53	715.53
M	64+01.08	-41.25	715.54	715.54
N	64+11.08	-41.25	715.55	715.57
O	64+21.08	-41.25	715.55	715.60
P	64+31.08	-41.25	715.53	715.59
Q	64+41.08	-41.25	715.51	715.58
R	64+51.08	-41.25	715.48	715.54
S	64+61.08	-41.25	715.44	715.48
T	64+71.08	-41.25	715.38	715.41
CL Pier #3	64+84.08	-41.25	715.30	715.30
U	64+94.08	-41.25	715.23	715.22
V	65+04.08	-41.25	715.14	715.14
W	65+14.08	-41.25	715.05	715.05
X	65+24.08	-41.25	714.95	714.95
CL Brq. N. Abut.	65+38.66	-41.25	714.78	714.78
Back of N. Abut.	65+40.08	-41.25	714.76	714.76

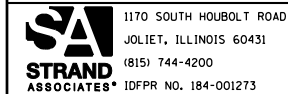
BEAM 3

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of S. Abut.	62+46.06	-33.75	714.43	714.43
CL Brq. S. Abut.	62+47.48	-33.75	714.45	714.45
A	62+57.48	-33.75	714.57	714.57
B	62+67.48	-33.75	714.69	714.69
C	62+77.48	-33.75	714.81	714.81
D	62+87.48	-33.75	714.93	714.92
CL Pier #1	63+02.06	-33.75	715.10	715.10
E	63+12.06	-33.75	715.20	715.22
F	63+22.06	-33.75	715.29	715.35
G	63+32.06	-33.75	715.38	715.45
H	63+42.06	-33.75	715.45	715.54
I	63+52.06	-33.75	715.52	715.60
J	63+62.06	-33.75	715.57	715.64
K	63+72.06	-33.75	715.62	715.66
L	63+82.06	-33.75	715.65	715.67
CL Pier #2	63+95.06	-33.75	715.68	715.68
M	64+05.06	-33.75	715.70	715.71
N	64+15.06	-33.75	715.70	715.73
O	64+25.06	-33.75	715.69	715.75
P	64+35.06	-33.75	715.68	715.76
Q	64+45.06	-33.75	715.65	715.74
R	64+55.06	-33.75	715.61	715.69
S	64+65.06	-33.75	715.57	715.63
T	64+75.06	-33.75	715.51	715.54
CL Pier #3	64+88.06	-33.75	715.42	715.42
U	64+98.06	-33.75	715.35	715.34
V	65+08.06	-33.75	715.26	715.26
W	65+18.06	-33.75	715.16	715.16
X	65+28.06	-33.75	715.05	715.06
CL Brq. N. Abut.	65+42.65	-33.75	714.88	714.88
Back of N. Abut.	65+44.06	-33.75	714.86	714.86

BEAM 4

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of S. Abut.	62+50.05	-26.25	714.63	714.63
CL Brq. S. Abut.	62+51.46	-26.25	714.65	714.65
A	62+61.46	-26.25	714.77	714.77
B	62+71.46	-26.25	714.89	714.89
C	62+81.46	-26.25	715.01	715.01
D	62+91.46	-26.25	715.13	715.12
CL Pier #1	63+06.05	-26.25	715.29	715.29
E	63+16.05	-26.25	715.39	715.41
F	63+26.05	-26.25	715.48	715.53
G	63+36.05	-26.25	715.56	715.63
H	63+46.05	-26.25	715.63	715.72
I	63+56.05	-26.25	715.69	715.77
J	63+66.05	-26.25	715.74	715.81
K	63+76.05	-26.25	715.78	715.82
L	63+86.05	-26.25	715.81	715.84
CL Pier #2	63+99.05	-26.25	715.84	715.84
M	64+09.05	-26.25	715.85	715.86
N	64+19.05	-26.25	715.85	715.88
O	64+29.05	-26.25	715.84	715.90
P	64+39.05	-26.25	715.82	715.90
Q	64+49.05	-26.25	715.79	715.88
R	64+59.05	-26.25	715.75	715.83
S	64+69.05	-26.25	715.70	715.76
T	64+79.05	-26.25	715.64	715.67
CL Pier #3	64+92.05	-26.25	715.54	715.54
U	65+02.05	-26.25	715.46	715.45
V	65+12.05	-26.25	715.37	715.37
W	65+22.05	-26.25	715.27	715.27
X	65+32.05	-26.25	715.15	715.16
CL Brq. N. Abut.	65+46.63	-26.25	714.98	714.98
Back of N. Abut.	65+48.05	-26.25	714.96	714.96

FILE NAME = s:\p1\6300--6395\6346\028\micro\cadd sheets\structure\016087-60K77-004-TSE.dgn



USER NAME = brianf	DESIGNED - RRD	REVISED
PLOT SCALE =	CHECKED - AJS	REVISED
PLOT DATE = 1/29/2013	DRAWN - BJF	REVISED
	CHECKED - RRD	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS (2 OF 5)
STRUCTURE NO. 016-0587**

SHEET NO. 6 OF 42 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-IHB-R	COOK/DUPAGE	161	94
CONTRACT NO. 60K77			ILLINOIS FED. AID PROJECT	

BEAM 5

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of S. Abut.	62+54.03	-18.75	714.83	714.83
CL Brq. S. Abut.	62+55.45	-18.75	714.84	714.84
A	62+65.45	-18.75	714.96	714.97
B	62+75.45	-18.75	715.08	715.09
C	62+85.45	-18.75	715.20	715.20
D	62+95.45	-18.75	715.32	715.32
CL Pier #1	63+10.03	-18.75	715.48	715.48
E	63+20.03	-18.75	715.58	715.60
F	63+30.03	-18.75	715.66	715.71
G	63+40.03	-18.75	715.74	715.81
H	63+50.03	-18.75	715.81	715.90
I	63+60.03	-18.75	715.86	715.94
J	63+70.03	-18.75	715.91	715.98
K	63+80.03	-18.75	715.95	715.99
L	63+90.03	-18.75	715.98	716.00
CL Pier #2	64+03.03	-18.75	716.00	716.00
M	64+13.03	-18.75	716.00	716.01
N	64+23.03	-18.75	716.00	716.03
O	64+33.03	-18.75	715.98	716.04
P	64+43.03	-18.75	715.96	716.04
Q	64+53.03	-18.75	715.92	716.01
R	64+63.03	-18.75	715.88	715.96
S	64+73.03	-18.75	715.82	715.88
T	64+83.03	-18.75	715.76	715.79
CL Pier #3	64+96.03	-18.75	715.66	715.66
U	65+06.03	-18.75	715.58	715.57
V	65+16.03	-18.75	715.48	715.48
W	65+26.03	-18.75	715.37	715.38
X	65+36.03	-18.75	715.26	715.26
CL Brq. N. Abut.	65+50.62	-18.75	715.08	715.08
Back of N. Abut.	65+52.03	-18.75	715.07	715.07

BEAM 6

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of S. Abut.	62+58.02	-11.25	715.02	715.02
CL Brq. S. Abut.	62+59.44	-11.25	715.04	715.04
A	62+69.44	-11.25	715.16	715.16
B	62+79.44	-11.25	715.28	715.29
C	62+89.44	-11.25	715.40	715.40
D	62+99.44	-11.25	715.52	715.51
CL Pier #1	63+14.02	-11.25	715.67	715.67
E	63+24.02	-11.25	715.76	715.78
F	63+34.02	-11.25	715.85	715.90
G	63+44.02	-11.25	715.92	715.99
H	63+54.02	-11.25	715.98	716.07
I	63+64.02	-11.25	716.03	716.11
J	63+74.02	-11.25	716.08	716.15
K	63+84.02	-11.25	716.11	716.15
L	63+94.02	-11.25	716.13	716.15
CL Pier #2	64+07.02	-11.25	716.15	716.15
M	64+17.02	-11.25	716.15	716.16
N	64+27.02	-11.25	716.14	716.17
O	64+37.02	-11.25	716.12	716.18
P	64+47.02	-11.25	716.09	716.17
Q	64+57.02	-11.25	716.06	716.15
R	64+67.02	-11.25	716.01	716.09
S	64+77.02	-11.25	715.95	716.01
T	64+87.02	-11.25	715.88	715.91
CL Pier #3	65+00.02	-11.25	715.78	715.78
U	65+10.02	-11.25	715.69	715.68
V	65+20.02	-11.25	715.59	715.59
W	65+30.02	-11.25	715.48	715.48
X	65+40.02	-11.25	715.36	715.36
CL Brq. N. Abut.	65+54.61	-11.25	715.18	715.18
Back of N. Abut.	65+56.02	-11.25	715.17	715.17

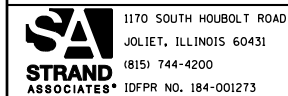
BEAM 7

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of S. Abut.	62+62.01	-3.75	715.22	715.22
CL Brq. S. Abut.	62+63.42	-3.75	715.24	715.24
A	62+73.42	-3.75	715.36	715.36
B	62+83.42	-3.75	715.48	715.48
C	62+93.42	-3.75	715.60	715.60
D	63+03.42	-3.75	715.71	715.70
CL Pier #1	63+18.01	-3.75	715.86	715.86
E	63+28.01	-3.75	715.95	715.97
F	63+38.01	-3.75	716.02	716.07
G	63+48.01	-3.75	716.09	716.16
H	63+58.01	-3.75	716.15	716.24
I	63+68.01	-3.75	716.20	716.28
J	63+78.01	-3.75	716.24	716.31
K	63+88.01	-3.75	716.27	716.31
L	63+98.01	-3.75	716.29	716.31
CL Pier #2	64+11.01	-3.75	716.30	716.30
M	64+21.01	-3.75	716.30	716.31
N	64+31.01	-3.75	716.28	716.32
O	64+41.01	-3.75	716.26	716.32
P	64+51.01	-3.75	716.23	716.31
Q	64+61.01	-3.75	716.19	716.28
R	64+71.01	-3.75	716.14	716.22
S	64+81.01	-3.75	716.07	716.13
T	64+91.01	-3.75	716.00	716.03
CL Pier #3	65+04.01	-3.75	715.89	715.89
U	65+14.01	-3.75	715.80	715.79
V	65+24.01	-3.75	715.70	715.70
W	65+34.01	-3.75	715.58	715.58
X	65+44.01	-3.75	715.46	715.47
CL Brq. N. Abut.	65+58.59	-3.75	715.29	715.29
Back of N. Abut.	65+60.01	-3.75	715.27	715.27

PROFILE GRADE LINE

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of S. Abut.	62+62.41	-3.00	715.24	715.24
CL Brq. S. Abut.	62+63.82	-3.00	715.26	715.26
A	62+73.82	-3.00	715.38	715.38
B	62+83.82	-3.00	715.50	715.51
C	62+93.82	-3.00	715.62	715.62
D	63+03.82	-3.00	715.73	715.73
CL Pier #1	63+18.41	-3.00	715.87	715.87
E	63+28.41	-3.00	715.96	715.98
F	63+38.41	-3.00	716.04	716.09
G	63+48.41	-3.00	716.11	716.19
H	63+58.41	-3.00	716.17	716.26
I	63+68.41	-3.00	716.21	716.30
J	63+78.41	-3.00	716.25	716.32
K	63+88.41	-3.00	716.28	716.33
L	63+98.41	-3.00	716.30	716.32
CL Pier #2	64+11.41	-3.00	716.31	716.31
M	64+21.41	-3.00	716.31	716.32
N	64+31.41	-3.00	716.29	716.33
O	64+41.41	-3.00	716.27	716.34
P	64+51.41	-3.00	716.24	716.33
Q	64+61.41	-3.00	716.20	716.29
R	64+71.41	-3.00	716.14	716.22
S	64+81.41	-3.00	716.08	716.14
T	64+91.41	-3.00	716.01	716.04
CL Pier #3	65+04.41	-3.00	715.90	715.90
U	65+14.41	-3.00	715.81	715.80
V	65+24.41	-3.00	715.70	715.70
W	65+34.41	-3.00	715.59	715.60
X	65+44.41	-3.00	715.47	715.48
CL Brq. N. Abut.	65+58.99	-3.00	715.29	715.29
Back of N. Abut.	65+60.41	-3.00	715.28	715.28

FILE NAME = s:\p1\6300--6395\6346\028\micro\cadd sheets\structure\016087-60K77-004-TSE.dgn



1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
IDFPR NO. 184-001273

USER NAME = brianf	DESIGNED - RRD	REVISED
PLOT SCALE =	CHECKED - AJS	REVISED
PLOT DATE = 1/29/2013	DRAWN - BJF	REVISED
	CHECKED - RRD	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS (3 OF 5)
STRUCTURE NO. 016-0587**

SHEET NO. 7 OF 42 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	95
CONTRACT NO. 60K77			ILLINOIS FED. AID PROJECT	

CENTERLINE OF ROADWAY/
CENTERLINE OF STRUCTURE/
STAGE CONSTRUCTION LINE

BEAM 8

BEAM 9

BEAM 10

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of S. Abut.	62+64.00	0.00	715.32	715.32
CL Brq. S. Abut.	62+65.42	0.00	715.33	715.33
A	62+75.42	0.00	715.45	715.46
B	62+85.42	0.00	715.57	715.58
C	62+95.42	0.00	715.69	715.69
D	63+05.42	0.00	715.80	715.80
CL Pier #1	63+20.00	0.00	715.95	715.95
E	63+30.00	0.00	716.03	716.05
F	63+40.00	0.00	716.11	716.16
G	63+50.00	0.00	716.18	716.26
H	63+60.00	0.00	716.23	716.32
I	63+70.00	0.00	716.28	716.37
J	63+80.00	0.00	716.32	716.39
K	63+90.00	0.00	716.35	716.40
L	64+00.00	0.00	716.36	716.38
CL Pier #2	64+13.00	0.00	716.37	716.37
M	64+23.00	0.00	716.37	716.38
N	64+33.00	0.00	716.35	716.39
O	64+43.00	0.00	716.33	716.40
P	64+53.00	0.00	716.29	716.38
Q	64+63.00	0.00	716.25	716.34
R	64+73.00	0.00	716.19	716.27
S	64+83.00	0.00	716.13	716.19
T	64+93.00	0.00	716.06	716.09
CL Pier #3	65+06.00	0.00	715.95	715.95
U	65+16.00	0.00	715.85	715.84
V	65+26.00	0.00	715.75	715.75
W	65+36.00	0.00	715.63	715.64
X	65+46.00	0.00	715.51	715.52
CL Brq. N. Abut.	65+60.58	0.00	715.33	715.33
Back of N. Abut.	65+62.00	0.00	715.32	715.32

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of S. Abut.	62+65.99	3.75	715.27	715.27
CL Brq. S. Abut.	62+67.41	3.75	715.29	715.29
A	62+77.41	3.75	715.41	715.41
B	62+87.41	3.75	715.53	715.53
C	62+97.41	3.75	715.65	715.65
D	63+07.41	3.75	715.75	715.75
CL Pier #1	63+21.99	3.75	715.89	715.89
E	63+31.99	3.75	715.98	716.00
F	63+41.99	3.75	716.05	716.10
G	63+51.99	3.75	716.12	716.19
H	63+61.99	3.75	716.17	716.26
I	63+71.99	3.75	716.22	716.30
J	63+81.99	3.75	716.25	716.32
K	63+91.99	3.75	716.28	716.32
L	64+01.99	3.75	716.29	716.32
CL Pier #2	64+14.99	3.75	716.30	716.30
M	64+24.99	3.75	716.29	716.30
N	64+34.99	3.75	716.28	716.31
O	64+44.99	3.75	716.25	716.31
P	64+54.99	3.75	716.21	716.29
Q	64+64.99	3.75	716.17	716.26
R	64+74.99	3.75	716.11	716.19
S	64+84.99	3.75	716.04	716.11
T	64+94.99	3.75	715.97	716.00
CL Pier #3	65+07.99	3.75	715.86	715.86
U	65+17.99	3.75	715.76	715.75
V	65+27.99	3.75	715.65	715.65
W	65+37.99	3.75	715.53	715.54
X	65+47.99	3.75	715.41	715.42
CL Brq. N. Abut.	65+62.58	3.75	715.24	715.24
Back of N. Abut.	65+63.99	3.75	715.22	715.22

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of S. Abut.	62+69.98	11.25	715.17	715.17
CL Brq. S. Abut.	62+71.39	11.25	715.18	715.18
A	62+81.39	11.25	715.30	715.31
B	62+91.39	11.25	715.43	715.43
C	63+01.39	11.25	715.54	715.54
D	63+11.39	11.25	715.64	715.64
CL Pier #1	63+25.98	11.25	715.78	715.78
E	63+35.98	11.25	715.86	715.88
F	63+45.98	11.25	715.93	715.98
G	63+55.98	11.25	715.99	716.06
H	63+65.98	11.25	716.04	716.13
I	63+75.98	11.25	716.08	716.16
J	63+85.98	11.25	716.11	716.19
K	63+95.98	11.25	716.14	716.18
L	64+05.98	11.25	716.15	716.17
CL Pier #2	64+18.98	11.25	716.15	716.15
M	64+28.98	11.25	716.14	716.15
N	64+38.98	11.25	716.12	716.15
O	64+48.98	11.25	716.09	716.15
P	64+58.98	11.25	716.05	716.13
Q	64+68.98	11.25	716.00	716.09
R	64+78.98	11.25	715.94	716.02
S	64+88.98	11.25	715.87	715.93
T	64+98.98	11.25	715.79	715.82
CL Pier #3	65+11.98	11.25	715.67	715.67
U	65+21.98	11.25	715.57	715.56
V	65+31.98	11.25	715.45	715.45
W	65+41.98	11.25	715.33	715.34
X	65+51.98	11.25	715.22	715.22
CL Brq. N. Abut.	65+66.56	11.25	715.04	715.04
Back of N. Abut.	65+67.98	11.25	715.02	715.02

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of S. Abut.	62+73.97	18.75	715.06	715.06
CL Brq. S. Abut.	62+75.38	18.75	715.08	715.08
A	62+85.38	18.75	715.20	715.21
B	62+95.38	18.75	715.32	715.32
C	63+05.38	18.75	715.43	715.43
D	63+15.38	18.75	715.53	715.52
CL Pier #1	63+29.97	18.75	715.66	715.66
E	63+39.97	18.75	715.74	715.76
F	63+49.97	18.75	715.81	715.86
G	63+59.97	18.75	715.86	715.93
H	63+69.97	18.75	715.91	716.00
I	63+79.97	18.75	715.95	716.03
J	63+89.97	18.75	715.97	716.05
K	63+99.97	18.75	715.99	716.03
L	64+09.97	18.75	716.00	716.02
CL Pier #2	64+22.97	18.75	716.00	716.00
M	64+32.97	18.75	715.98	715.99
N	64+42.97	18.75	715.96	715.99
O	64+52.97	18.75	715.92	715.98
P	64+62.97	18.75	715.88	715.96
Q	64+72.97	18.75	715.82	715.91
R	64+82.97	18.75	715.76	715.84
S	64+92.97	18.75	715.69	715.75
T	65+02.97	18.75	715.60	715.64
CL Pier #3	65+15.97	18.75	715.48	715.48
U	65+25.97	18.75	715.37	715.37
V	65+35.97	18.75	715.26	715.26
W	65+45.97	18.75	715.14	715.14
X	65+55.97	18.75	715.02	715.02
CL Brq. N. Abut.	65+70.55	18.75	714.84	714.84
Back of N. Abut.	65+71.97	18.75	714.82	714.82

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1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
IDFPR NO. 184-001273

USER NAME = brianf	DESIGNED - RRD	REVISED
PLOT SCALE =	CHECKED - AJS	REVISED
PLOT DATE = 1/29/2013	DRAWN - BJF	REVISED
	CHECKED - RRD	REVISED

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS (4 OF 5)
STRUCTURE NO. 016-0587**

SHEET NO. 8 OF 42 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	96
CONTRACT NO. 60K77			ILLINOIS FED. AID PROJECT	

BEAM 11

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of S. Abut.	62+77.95	26.25	714.96	714.96
CL Brq. S. Abut.	62+79.37	26.25	714.98	714.98
A	62+89.37	26.25	715.10	715.10
B	62+99.37	26.25	715.22	715.22
C	63+09.37	26.25	715.32	715.32
D	63+19.37	26.25	715.42	715.41
CL Pier #1	63+33.95	26.25	715.54	715.54
E	63+43.95	26.25	715.62	715.64
F	63+53.95	26.25	715.68	715.73
G	63+63.95	26.25	715.73	715.80
H	63+73.95	26.25	715.78	715.87
I	63+83.95	26.25	715.81	715.89
J	63+93.95	26.25	715.83	715.90
K	64+03.95	26.25	715.85	715.89
L	64+13.95	26.25	715.85	715.87
CL Pier #2	64+26.95	26.25	715.84	715.84
M	64+36.95	26.25	715.82	715.83
N	64+46.95	26.25	715.79	715.83
O	64+56.95	26.25	715.76	715.82
P	64+66.95	26.25	715.71	715.79
Q	64+76.95	26.25	715.65	715.74
R	64+86.95	26.25	715.58	715.66
S	64+96.95	26.25	715.50	715.56
T	65+06.95	26.25	715.42	715.45
CL Pier #3	65+19.95	26.25	715.29	715.29
U	65+29.95	26.25	715.18	715.17
V	65+39.95	26.25	715.06	715.06
W	65+49.95	26.25	714.94	714.94
X	65+59.95	26.25	714.82	714.82
CL Brq. N. Abut.	65+74.54	26.25	714.65	714.65
Back of N. Abut.	65+75.95	26.25	714.63	714.63

BEAM 12

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of S. Abut.	62+81.94	33.75	714.86	714.86
CL Brq. S. Abut.	62+83.35	33.75	714.88	714.88
A	62+93.35	33.75	715.00	715.00
B	63+03.35	33.75	715.11	715.11
C	63+13.35	33.75	715.21	715.22
D	63+23.35	33.75	715.30	715.30
CL Pier #1	63+37.94	33.75	715.42	715.42
E	63+47.94	33.75	715.49	715.51
F	63+57.94	33.75	715.55	715.60
G	63+67.94	33.75	715.60	715.67
H	63+77.94	33.75	715.64	715.73
I	63+87.94	33.75	715.67	715.75
J	63+97.94	33.75	715.69	715.76
K	64+07.94	33.75	715.70	715.74
L	64+17.94	33.75	715.70	715.72
CL Pier #2	64+30.94	33.75	715.68	715.68
M	64+40.94	33.75	715.66	715.67
N	64+50.94	33.75	715.63	715.66
O	64+60.94	33.75	715.59	715.65
P	64+70.94	33.75	715.54	715.62
Q	64+80.94	33.75	715.47	715.56
R	64+90.94	33.75	715.40	715.48
S	65+00.94	33.75	715.32	715.38
T	65+10.94	33.75	715.23	715.26
CL Pier #3	65+23.94	33.75	715.09	715.09
U	65+33.94	33.75	714.98	714.97
V	65+43.94	33.75	714.86	714.86
W	65+53.94	33.75	714.74	714.75
X	65+63.94	33.75	714.62	714.63
CL Brq. N. Abut.	65+78.52	33.75	714.45	714.45
Back of N. Abut.	65+79.94	33.75	714.43	714.43

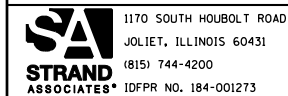
BEAM 13

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of S. Abut.	62+85.92	41.25	714.76	714.76
CL Brq. S. Abut.	62+87.34	41.25	714.78	714.78
A	62+97.34	41.25	714.89	714.90
B	63+07.34	41.25	715.00	715.00
C	63+17.34	41.25	715.10	715.10
D	63+27.34	41.25	715.19	715.19
CL Pier #1	63+41.92	41.25	715.30	715.30
E	63+51.92	41.25	715.37	715.38
F	63+61.92	41.25	715.42	715.45
G	63+71.92	41.25	715.47	715.52
H	63+81.92	41.25	715.50	715.56
I	63+91.92	41.25	715.53	715.59
J	64+01.92	41.25	715.54	715.60
K	64+11.92	41.25	715.55	715.58
L	64+21.92	41.25	715.55	715.56
CL Pier #2	64+34.92	41.25	715.53	715.53
M	64+44.92	41.25	715.50	715.51
N	64+54.92	41.25	715.46	715.49
O	64+64.92	41.25	715.42	715.48
P	64+74.92	41.25	715.36	715.44
Q	64+84.92	41.25	715.30	715.38
R	64+94.92	41.25	715.22	715.29
S	65+04.92	41.25	715.14	715.19
T	65+14.92	41.25	715.04	715.07
CL Pier #3	65+27.92	41.25	714.90	714.90
U	65+37.92	41.25	714.78	714.78
V	65+47.92	41.25	714.66	714.66
W	65+57.92	41.25	714.55	714.55
X	65+67.92	41.25	714.42	714.43
CL Brq. N. Abut.	65+82.51	41.25	714.25	714.25
Back of N. Abut.	65+83.92	41.25	714.23	714.23

BEAM 14

Location	Station	Offset	Theoretical Grade Elevations	Theoretical Grade Elevations Adjusted for Dead Load Deflection
Back of S. Abut.	62+90.01	48.94	714.65	714.65
CL Brq. S. Abut.	62+91.41	48.92	714.67	714.67
A	63+01.33	48.76	714.78	714.79
B	63+11.24	48.60	714.89	714.90
C	63+21.16	48.44	714.99	714.99
D	63+31.07	48.28	715.07	715.08
CL Pier #1	63+45.53	48.04	715.19	715.19
E	63+55.45	47.88	715.25	715.26
F	63+65.36	47.72	715.31	715.34
G	63+75.28	47.56	715.35	715.40
H	63+85.19	47.40	715.38	715.44
I	63+95.11	47.24	715.42	715.47
J	64+05.02	47.08	715.43	715.48
K	64+14.93	46.92	715.43	715.46
L	64+24.85	46.76	715.42	715.44
CL Pier #2	64+37.74	46.55	715.41	715.41
M	64+47.65	46.39	715.38	715.39
N	64+57.57	46.22	715.35	715.38
O	64+67.48	46.06	715.31	715.36
P	64+77.40	45.90	715.25	715.32
Q	64+87.31	45.74	715.19	715.26
R	64+97.23	45.58	715.11	715.18
S	65+07.14	45.42	715.03	715.08
T	65+17.05	45.26	714.93	714.96
CL Pier #3	65+29.94	45.05	714.80	714.80
U	65+39.86	44.89	714.69	714.69
V	65+49.77	44.73	714.57	714.57
W	65+59.69	44.57	714.46	714.46
X	65+69.60	44.41	714.34	714.35
CL Brq. N. Abut.	65+84.06	44.17	714.17	714.17
Back of N. Abut.	65+85.46	44.15	714.16	714.16

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1170 SOUTH HOUBOLT ROAD
JOLIET, ILLINOIS 60431
(815) 744-4200
IDFPR NO. 184-001273

USER NAME = brianf
DESIGNED - RRD
CHECKED - AJS
DRAWN - BJF
CHECKED - RRD
PLOT SCALE =
PLOT DATE = 1/29/2013
REVISED
REVISED
REVISED
REVISED

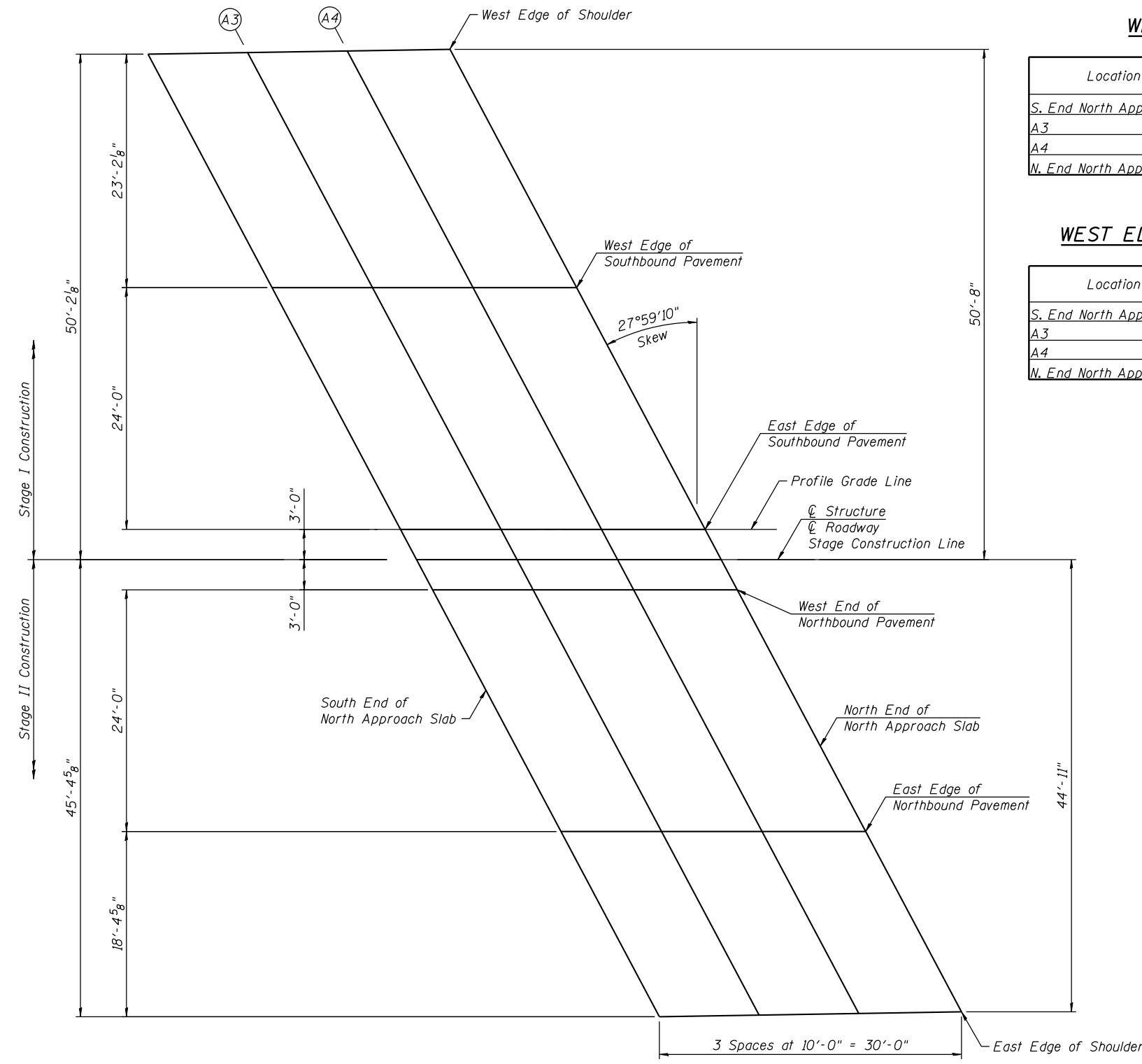
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TOP OF SLAB ELEVATIONS (5 OF 5)
STRUCTURE NO. 016-0587**

SHEET NO. 9 OF 42 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-IHB-R	COOK/DUPAGE	161	97
CONTRACT NO. 60K77			ILLINOIS FED. AID PROJECT	

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NORTH APPROACH PLAN

WEST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Slab	65+35.33	-50.18	714.64
A3	65+45.24	-50.34	714.51
A4	65+55.16	-50.50	714.39
N. End North Appr. Slab	65+65.07	-50.66	714.27

WEST EDGE OF SOUTHBOUND PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Slab	65+47.65	-27.00	714.95
A3	65+57.65	-27.00	714.83
A4	65+67.65	-27.00	714.71
N. End North Appr. Slab	65+77.65	-27.00	714.64

EAST EDGE OF SOUTHBOUND PAVEMENT / PROFILE GRADE LINE

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Slab	65+60.41	-3.00	715.28
A3	65+70.41	-3.00	715.16
A4	65+80.41	-3.00	715.04
N. End North Appr. Slab	65+90.41	-3.00	714.93

WEST EDGE OF NORTHBOUND PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Slab	65+63.59	3.00	715.24
A3	65+73.59	3.00	715.12
A4	65+83.59	3.00	715.00
N. End North Appr. Slab	65+93.59	3.00	714.90

EAST EDGE OF NORTHBOUND PAVEMENT

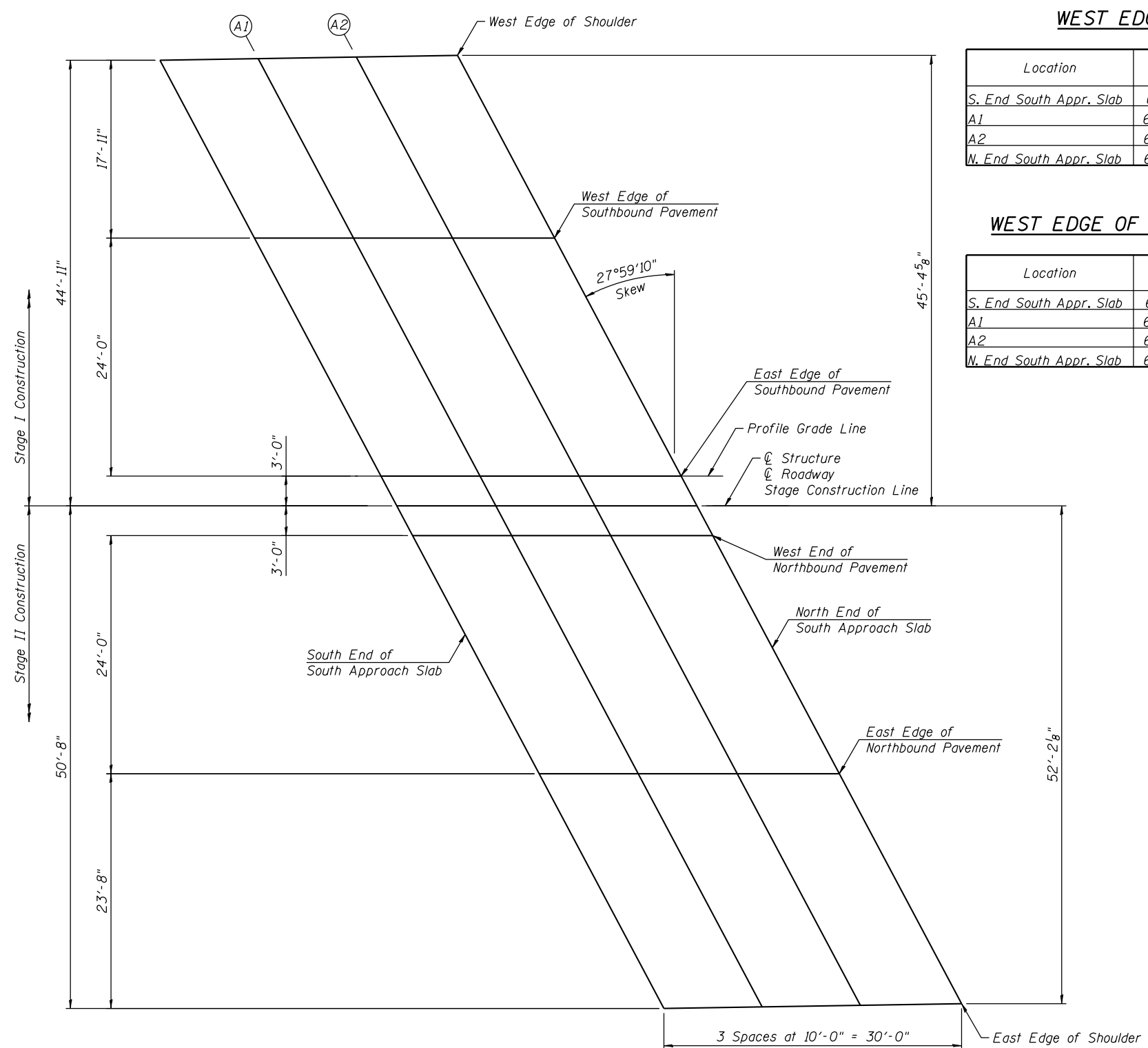
Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Slab	65+76.35	27.00	714.61
A3	65+86.35	27.00	714.49
A4	65+96.35	27.00	714.40
N. End North Appr. Slab	66+06.35	27.00	714.30

EAST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Slab	65+86.12	45.39	714.12
A3	65+96.04	45.23	714.04
A4	66+05.95	45.07	713.95
N. End North Appr. Slab	66+15.87	44.91	713.85

CENTERLINE OF ROADWAY / CENTERLINE OF STRUCTURE / STAGE CONSTRUCTION LINE

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Slab	65+62.00	0.00	715.32
A3	65+72.00	0.00	715.20
A4	65+82.00	0.00	715.08
N. End North Appr. Slab	65+92.00	0.00	714.97



SOUTH APPROACH PLAN

WEST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Slab	62+10.13	-44.91	713.78
A1	62+20.05	-45.07	713.90
A2	62+29.96	-45.23	714.01
N. End South Appr. Slab	62+39.88	-45.39	714.12

WEST EDGE OF SOUTHBOUND PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Slab	62+19.65	-27.00	714.25
A1	62+29.65	-27.00	714.37
A2	62+39.65	-27.00	714.49
N. End South Appr. Slab	62+49.65	-27.00	714.61

**EAST EDGE OF SOUTHBOUND PAVEMENT/
PROFILE GRADE LINE**

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Slab	62+32.41	-3.00	714.88
A1	62+42.41	-3.00	715.00
A2	62+52.41	-3.00	715.12
N. End South Appr. Slab	62+62.41	-3.00	715.24

WEST EDGE OF NORTHBOUND PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Slab	62+35.59	3.00	714.92
A1	62+45.59	3.00	715.04
A2	62+55.59	3.00	715.16
N. End South Appr. Slab	62+65.59	3.00	715.28

EAST EDGE OF NORTHBOUND PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Slab	62+48.35	27.00	714.59
A1	62+58.35	27.00	714.71
A2	62+68.35	27.00	714.83
N. End South Appr. Slab	62+78.35	27.00	714.95

EAST EDGE OF SHOULDER

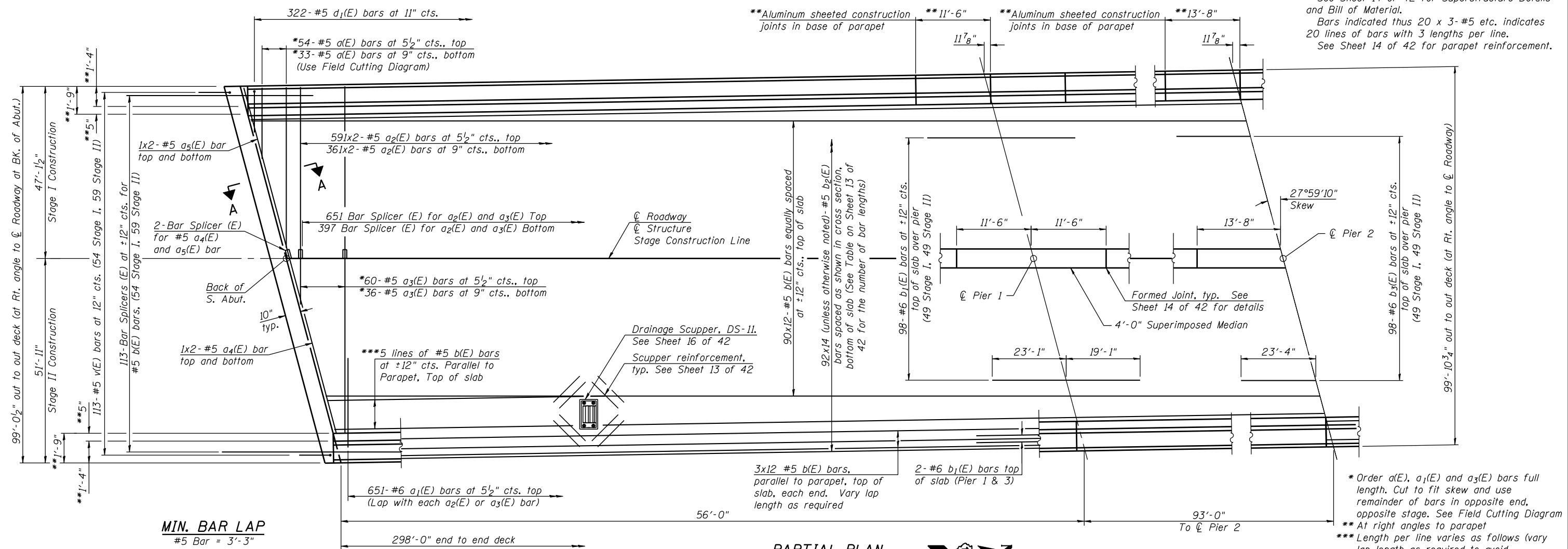
Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Slab	62+60.93	50.66	714.27
A1	62+70.84	50.50	714.39
A2	62+80.76	50.34	714.51
N. End South Appr. Slab	62+90.67	50.18	714.63

**CENTERLINE OF ROADWAY/
CENTERLINE OF STRUCTURE/ STAGE CONSTRUCTION LINE**

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Slab	62+34.00	0.00	714.96
A1	62+44.00	0.00	715.08
A2	62+54.00	0.00	715.20
N. End South Appr. Slab	62+64.00	0.00	715.32

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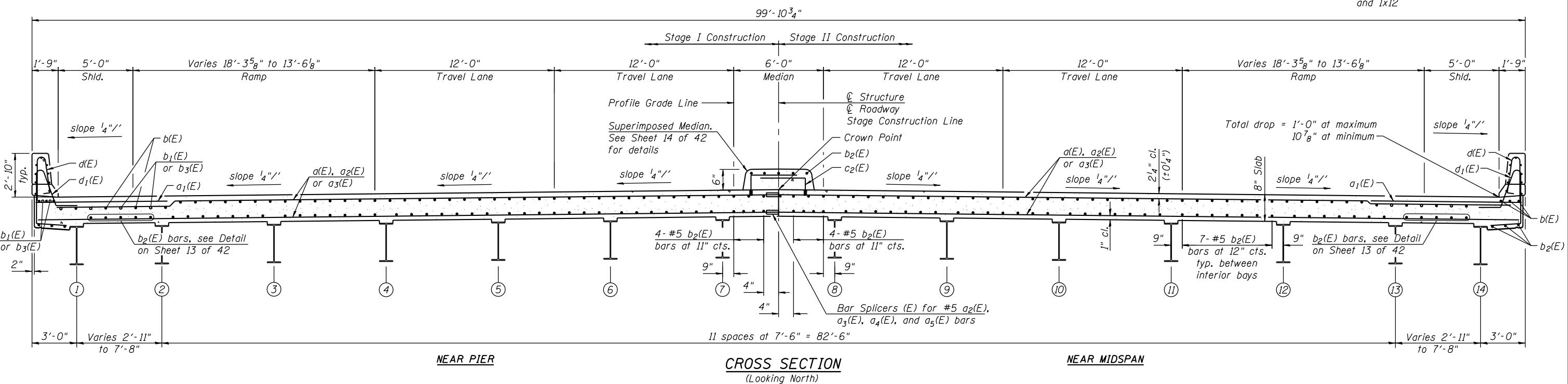
Notes:
 See Sheet 14 of 42 for Superstructure Details and Bill of Material.
 Bars indicated thus 20 x 3-#5 etc. indicates 20 lines of bars with 3 lengths per line.
 See Sheet 14 of 42 for parapet reinforcement.



MIN. BAR LAP
 #5 Bar = 3'-3"

PARTIAL PLAN

* Order a(E), a₁(E) and a₃(E) bars full length. Cut to fit skew and use remainder of bars in opposite end, opposite stage. See Field Cutting Diagram
 ** At right angles to parapet
 *** Length per line varies as follows (vary lap length as required to avoid overlapping bars): 1x3, 1x5, 1x8, 1x10 and 1x12



NEAR PIER

CROSS SECTION
 (Looking North)

NEAR MIDSPAN

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 JOLIET, ILLINOIS 60431
 (815) 744-4200
 IDFPR NO. 184-001273

USER NAME = brianf
 DESIGNED - RRD
 CHECKED - AJS
 PLOT SCALE =
 DRAWN - BJF
 CHECKED - RRD
 PLOT DATE = 1/29/2013

DESIGNED - RRD
 CHECKED - AJS
 DRAWN - BJF
 CHECKED - RRD
 REVISED
 REVISED
 REVISED
 REVISED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE (SHEET 1 OF 2)
STRUCTURE NO. 016-0587
 SHEET NO. 12 OF 42 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
55	22-1HB-R	COOK/DUPAGE	161	100
CONTRACT NO. 60K77				
ILLINOIS FED. AID PROJECT				