

FOR INDEX OF SHEETS, SEE SHEET NO. 2

STATE OF ILLINOIS 11-04-2016 LETTING ITEM 026

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	1
		ILLINOIS	CONTRACT NO. 74722	

DEPARTMENT OF TRANSPORTATION

CURRENT TRAFFIC DATA

2015 ADT	20,700
P.V. %	47.0%
S.U. %	4.2%
M.U. %	48.8%

STATION EQUATION:

STA. 2772 + 59.71 (BK.) = STA. 9 + 02.89 (AH.)

BRIDGE OMISSIONS:

EASTBOUND:

S.N. 018-0040: STA. 250 + 09.37 - STA. 251 + 71.28
 S.N. 018-0043: STA. 259 + 58.92 - STA. 262 + 15.50
 S.N. 018-0054: STA. 357 + 82.00 - STA. 360 + 23.50

WESTBOUND:

S.N. 018-0041: STA. 250 + 46.87 - STA. 252 + 08.78
 S.N. 018-0042: STA. 259 + 58.92 - STA. 262 + 15.50
 S.N. 018-0044: STA. 358 + 25.83 - STA. 360 + 67.33

PROPOSED HIGHWAY PLANS

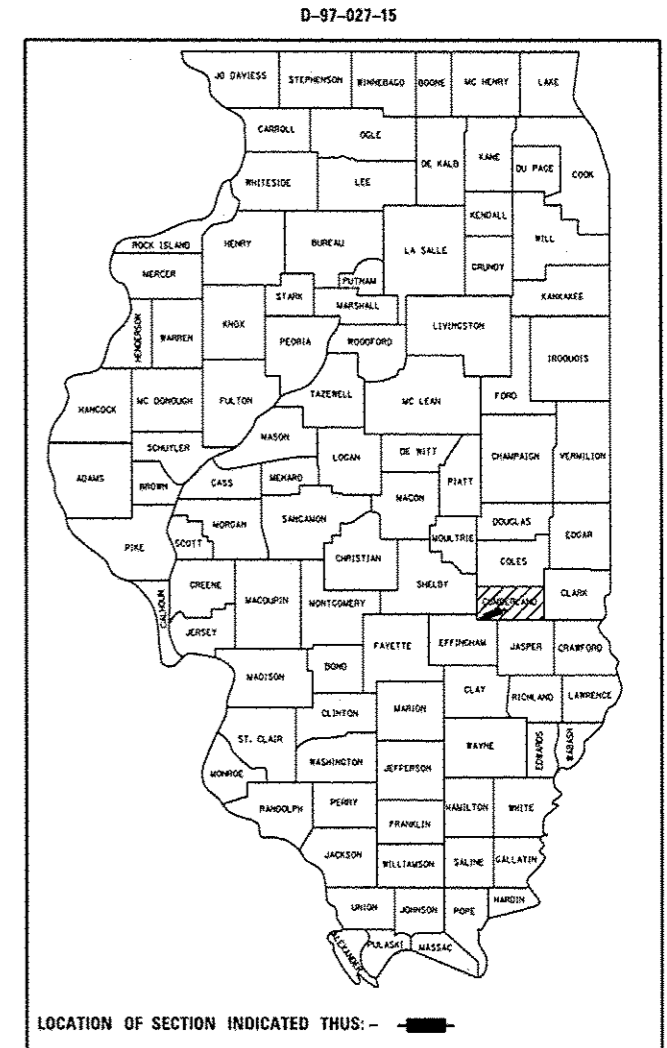
F.A.I. ROUTE 70 (I-70)

SECTION (18-45)RS-5

PROJECT : ACNHPP-0070(028)

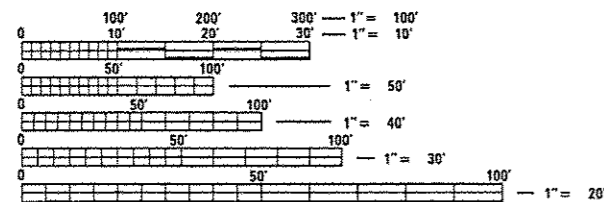
RESURFACING (INT-3RD), SAFETY IMPROVEMENTS
 CUMBERLAND COUNTY

C-97-071-15



F.A.I. ROUTE 70 (I-70)
 SECTION (18-45)RS-5
 BEGINS STATION 2771 + 40.00
 CUMBERLAND COUNTY

F.A.I. ROUTE 70 (I-70)
 SECTION (18-45)RS-5
 ENDS STATION 410 + 00.00
 CUMBERLAND COUNTY

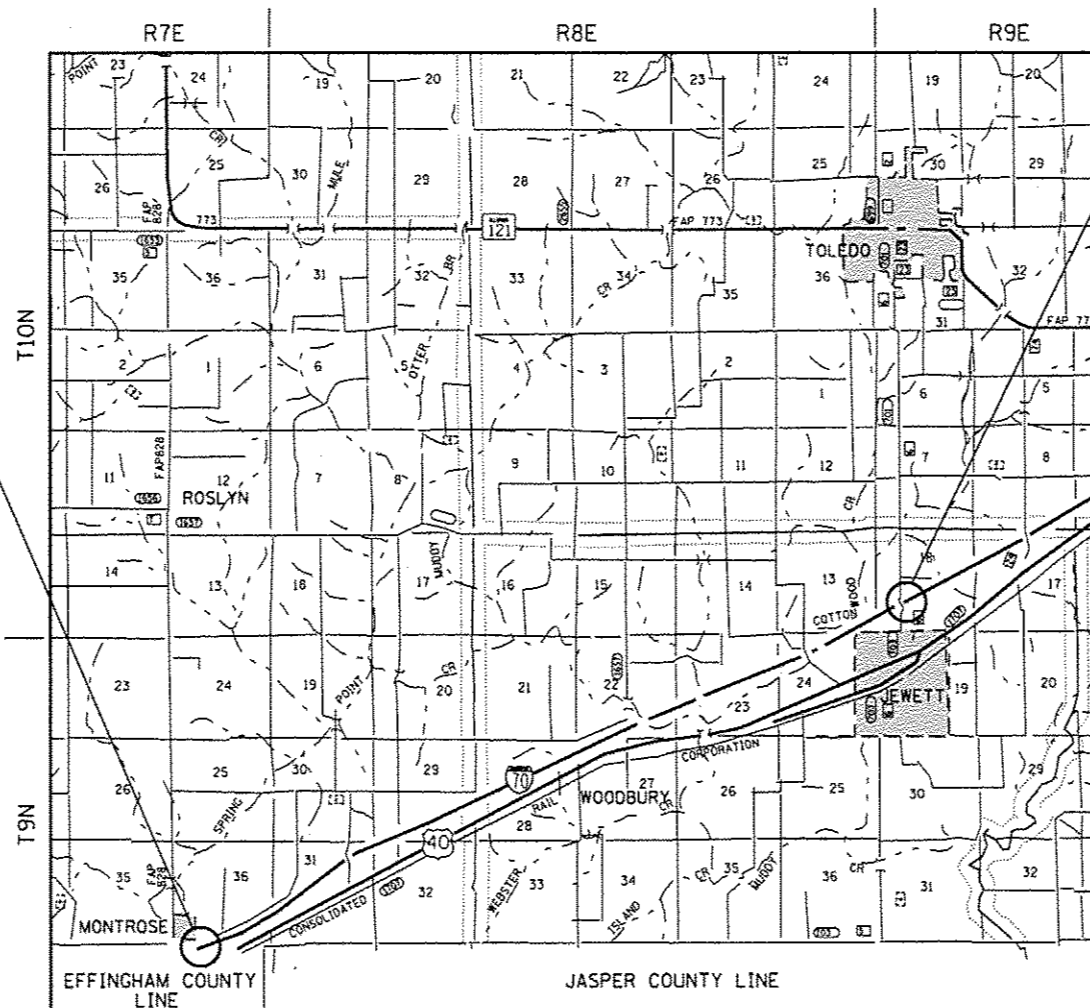


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: TOM RONAN
 PROJECT MANAGER: BENJAMIN J. DETERS
 PHONE: (217)-342-8361

CONTRACT NO. 74722



GROSS LENGTH = 40,216.82 FT. = 7.617 MILES
 NET LENGTH = 39,636.42 FT. = 7.507 MILES

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED August 10, 2010
 Jeffrey M. Southpas
 REGIONAL ENGINEER

Sept 30, 2010
 Matthew M. Addis P.E.
 ENGINEER OF DESIGN AND ENVIRONMENT

Sept 30, 2010
 [Signature]
 DIRECTOR OF PROGRAM DEVELOPMENT

PRINTED BY THE AUTHORITY
 OF THE STATE OF ILLINOIS

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	COVER SHEET
2	INDEX OF SHEETS / HIGHWAY STANDARDS
3 - 4	GENERAL NOTES
5 - 7	SUMMARY OF QUANTITIES
8 - 9	TYPICAL CROSS SECTIONS
10 - 12	STAGING TYPICAL CROSS SECTIONS
13 - 30	SCHEDULE OF QUANTITIES
31 - 32	TIE POINTS & BENCHMARKS
33 - 39	F.A.I 70 PLAN SHEETS
40 - 47	GUARDRAIL PLAN SHEETS
48 - 51	TEMPORARY CONCRETE BARRIER LAYOUT DETAILS
52 - 57	PROPOSED PAVING DETAILS
58	SLOPE DETAILS FOR PIPE UNDERDRAINS, TYPE 1, 6"
59	MISCELLANEOUS DETAILS
60	WINGWALL MODIFICATION DETAIL TR 138 OVER FAI 70 SN 018-0017
61	DISTRICT 7 DETAIL NO. 601101A - OUTLET PROTECTOR
62 - 65	DISTRICT 7 DETAIL NO. 78000001 - PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)

HIGHWAY STANDARDS

STANDARD NO.	DESCRIPTION
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
442001-04	CLASS A PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
601001-05	PIPE UNDERDRAINS
630001-10	STEEL PLATE BEAM GUARDRAIL
630301-06	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-09	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-14	TRAFFIC BARRIER TERMINAL, TYPE 6
631033-06	TRAFFIC BARRIER TERMINAL, TYPE 6B
635001-02	DELINEATORS
642001-02	SHOULDER RUMBLE STRIPS, 16 IN.
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 M) TO 24" (600MM) FROM PAVEMENT EDGE
701106-02	OFF-RD OPERATIONS, MULTILANE, MORE THAN 15' (4.5 M) AWAY
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701400-08	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-09	LANE CLOSURE, FREEWAY/EXPRESSWAY
701402-11	LANE CLOSURE, FREEWAY/EXPRESSWAY, WITH BARRIER
701406-10	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701426-08	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPERATION, FOR SPEEDS >= 45 MPH
701901-05	TRAFFIC CONTROL DEVICES
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
725001	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

FILE NAME =	USER NAME = staffenk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS & HIGHWAY STANDARDS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\L\0846BID\INTEG\Illinois.gov\PK100T\Do	uments\DOT Offices\District 7\Projects\74722\Drawings\CA\Sheets\074722-std-gennot	DRAWN	REVISED			70	(18-45)RS-5	CUMBERLAND	65	2	
Default	PLOT SCALE = 40:0000 / in.	CHECKED -	REVISED -			SCALE: SHEET 1 OF 1 SHEETS STA. TO STA.		CONTRACT NO. 74722			
	PLOT DATE = 8/10/2016	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

GENERAL NOTES

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

THIS PROJECT IS LOCATED ON I-70 (I-70) IN CUMBERLAND COUNTY, FROM THE EFFINGHAM COUNTY LINE TO 7.5 MILES EAST. THE WORK INCLUDED IN SECTION (18-45)RS-5 CONSISTS OF PAVEMENT PATCHING, HOT-MIX ASPHALT SURFACE REMOVAL, HOT-MIX ASPHALT RESURFACING, UNDERDRAINS, GUARDRAIL REMOVAL AND INSTALLATION, HOT-MIX ASPHALT SHOULDERS, AGGREGATE SHOULDERS, PAVEMENT MARKING, TRAFFIC CONTROL, AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE HOT-MIX ASPHALT BINDER AND HOT-MIX ASPHALT SURFACE COURSES AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS. TEMPORARY TAPE SHALL BE USED ON THE SURFACE COURSE AND HOT-MIX ASPHALT SHOULDERS.

ALL STRIPING APPLIED FOR STAGE TRAFFIC SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD 701401 AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE RAISED REFLECTIVE PAVEMENT MARKERS SHALL BE PLACED AS DOUBLE MARKERS ON I-70 AS SHOWN ON STANDARD 781001.

THE MATERIAL USED FOR AGGREGATE WEDGE SHOULDERS, TYPE B SHALL BE CRUSHED STONE, CRUSHED CONCRETE, OR RAP.

THE EXISTING PAVEMENT SHALL BE PATCHED IN ACCORDANCE WITH SECTION 442 OF THE STANDARD SPECIFICATIONS AND THE SPECIAL PROVISIONS. PATCHING IS INCLUDED FOR PATCHING THE PAVEMENT ON I-70. THE QUANTITY OF PATCHING SHOWN ON THE PLANS IS AN ESTIMATE ONLY AND THE FINAL LOCATIONS AND QUANTITY SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD.

THE HOT-MIX ASPHALT PLUG PLACED IN THE UNDERDRAIN TRENCHES SHALL BE PLACED IN TWO EQUAL LIFTS. EACH LIFT SHALL BE COMPACTED TO A DENSITY OF NOT LESS THAN 90% OF THE THEORETICAL DENSITY.

THE PAY ITEM TEMPORARY RAMP HAS BEEN INCLUDED FOR THE CONSTRUCTION OF TEMPORARY RAMPS IN ACCORDANCE WITH ARTICLE 406.08 OF THE STANDARD SPECIFICATIONS. THE COST PER SQUARE YARD SHALL INCLUDE BOTH THE INSTALLATION AND THE REMOVAL OF THE TEMPORARY RAMPS.

THE CONTRACTOR SHALL PROVIDE INTERNET ACCESSIBILITY TO THE HOT-MIX ASPHALT PLANT QUALITY CONTROL LAB SO THAT HOT-MIX ASPHALT PLANT REPORTS CAN BE E-MAILED TO THE DISTRICT HEADQUARTERS. THIS WORK SHALL BE INCLUDED IN THE COST OF ALL HOT-MIX ASPHALT ITEMS.

IN ADDITION TO THE REQUIREMENTS IN ARTICLE 701.15(J), A LAPTOP COMPUTER SHALL BE SUPPLIED BY THE CONTRACTOR.

THE CONTRACTOR WILL BE REQUIRED TO MILL THROUGH SOME PORTLAND CEMENT CONCRETE PATCHES. MILLING THE AREA OF THE PORTLAND CEMENT CONCRETE PATCHES WILL BE PAID FOR AS HOT-MIX ASPHALT SURFACE REMOVAL OF THE THICKNESS SPECIFIED AND NO ADDITIONAL COMPENSATION WILL BE PERMITTED FOR MILLING THROUGH CONCRETE PATCHES. THE SHOULDERS SHALL BE MILLED AT INTERMITTENT LOCATIONS TO ALLOW FOR ADEQUATE DRAINAGE. THE LOCATIONS SHALL BE DETERMINED BY THE ENGINEER IN THE FIELD. THE COST OF ALLOWING ADEQUATE DRAINAGE SHALL BE INCLUDED IN THE COST OF THE PAY ITEMS INVOLVED.

THE COST OF REMOVAL OF EXISTING GUARD POSTS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER EACH FOR GUARD POSTS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

ALL OF THE EXISTING HMA SHALL BE REMOVED DOWN TO THE ORIGINAL CONCRETE PAVEMENT. ASPHALT OVERLAY THICKNESSES AT VARIOUS LOCATIONS ARE LISTED BELOW:

STATION/DESCRIPTION	OFFSET	ASPHALT OVERLAY THICKNESS
EBPL		
STA. 12+24 (MP 106)	8' OFF CL	6 1/4"
STA. 65+04 (MP 107)	8' OFF CL	6 3/4"
STA. 117+84 (MP 108)	9' OFF CL	5 7/8"
STA. 170+64 (MP 109)	6' OFF CL	6 1/4"
STA. 223+44 (MP 110)	9' OFF CL	6 5/8"
STA. 276+24 (MP 111)	7' OFF CL	6 5/8"
STA. 329+04 (MP 112)	10' OFF CL	6 1/2"
STA. 381+84 (MP 113)	8' OFF CL	6 1/8"
WBDL		
STA. 408+24 (MP 113.5)	9' OFF CL	4 3/4" A. OVERHEAD
STA. 355+44 (MP 112.5)	7' OFF CL	7 1/8"
STA. 302+64 (MP 111.5)	9' OFF CL	7"
STA. 249+84 (MP 110.5)	7' OFF CL	6"
STA. 197+04 (MP 109.5)	9' OFF CL	6 1/4"
STA. 144+24 (MP 108.5)	7.5" OFF CL	6 1/4"
STA. 107+28 (MP 107.8)	6' OFF CL	6 3/4"
EBPL		
STA. 38+64 (MP 106.5)	9' OFF CL	6 3/8"
STA. 86+16 (MP 107.4)	8' OFF CL	6 5/8"
STA. 144+24 (MP 108.5)	7' OFF CL	6 3/4"
STA. 197+04 (MP 109.5)	9' OFF CL	7"
STA. 249+84 (MP 110.5)	7' OFF CL	6 3/8"
STA. 302+64 (MP 111.5)	9' OFF CL	6 1/2"
STA. 360+72 (MP 112.6)	7' OFF CL	6 1/4"
WBPL		
STA. 381+84 (MP 113)	10' OFF CL	6"
STA. 329+04 (MP 112)	7' OFF CL	7"
STA. 276+24 (MP 111)	9' OFF CL	6 1/4"
STA. 223+44 (MP 110)	6.5' OFF CL	6 7/8"
STA. 170+64 (MP 109)	9' OFF CL	6 5/8"
STA. 117+84 (MP 108)	6.5' OFF CL	6 1/2"

THE RESIDENT ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE CURING TIME FOR THE VARIOUS HOT-MIX ASPHALT LIFTS.

A UNIFORMLY STRAIGHT SAW CUT SHALL BE MADE AT LOCATIONS WHERE PROPOSED NEW CONSTRUCTION WILL ABUT EXISTING HOT-MIX ASPHALT SURFACES. THE SAW CUT SHALL BE MADE FULL DEPTH THROUGH THE EXISTING SURFACE. THIS WORK WILL BE CONSIDERED INCLUDED IN THE COST OF THE CONTRACT ITEMS INVOLVED AND NO EXTRA COMPENSATION WILL BE ALLOWED.

THE CONTRACTOR WILL BE REQUIRED TO USE A MATERIAL TRANSFER DEVICE AT ALL TIMES WHEN CONSTRUCTING STONE MATRIX ASPHALT, N80.

FILE NAME =	USER NAME = steffemk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11\08\ESID\INTEG\Illinois.gov\WIDOT\Documents\DOT Offices\District 7\Project\74722\DRAN\08\Sheets\0774722-ahg-gennato	DRAN	CHECKED -	REVISED -			70	(18-45)RS-5	CUMBERLAND	65	3
PLOT SCALE = 48.0000' / in.	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 74722				
Default	PLOT DATE = 8/18/2016	DATE -	REVISED -			SCALE:	SHEET 1 OF 2 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT

GENERAL NOTES (CONTINUED)

THE LOCATIONS AND/OR DEPTHS OF UNDERGROUND UTILITIES SHOWN HAVE BEEN TAKEN FROM INFORMATION FURNISHED BY THE UTILITY OWNERS AND MUST BE CONSIDERED APPROXIMATE. FIELD MARKINGS OF UTILITIES IN CRITICAL AREAS MAY BE OBTAINED BY PROVIDING A MINIMUM OF 96 HOURS ADVANCE NOTICE THROUGH THE J.U.L.I.E. SYSTEM BY CALLING 800-892-0123.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

MIXTURE USE: SURFACE COURSE (2")
 APPLICATION: POLYMERIZED HMA SURFACE COURSE, STONE MATRIX ASPHALT, N80
 PG GRADE: SBS PG 76-22
 DESIGN AIR VOIDS: 4% @ 80
 MIXTURE COMPOSITION: IL 12.5
 FRICTION AGGREGATE: MIXTURE D

MIXTURE USE: TOP LIFT BINDER COURSE (2 1/4")
 APPLICATION: POLYMERIZED HMA BINDER COURSE, IL 19.0, N90
 PG GRADE: SBS PG 70-22
 DESIGN AIR VOIDS: 4% @ 90
 MIXTURE COMPOSITION: IL 19.0
 FRICTION AGGREGATE: N/A

MIXTURE USE: BOTTOM LIFT BINDER COURSE (2 1/4")
 APPLICATION: HMA BINDER COURSE, IL 19.0, N90
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4% @ 90
 MIXTURE COMPOSITION: IL 19.0
 FRICTION AGGREGATE: N/A

MIXTURE USE: ADDITIONAL BOTTOM LIFT BINDER COURSE (VARIABLE DEPTH - 4" MAX LIFT)
 APPLICATION: HMA BINDER COURSE, IL 19.0, N90
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4% @ 90
 MIXTURE COMPOSITION: IL 19.0
 FRICTION AGGREGATE: N/A

MIXTURE USE: HMA SHOULDERS (2" TOP LIFT)
 APPLICATION: HMA SURFACE COURSE, IL 9.5, N90C
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4% @ 90
 MIXTURE COMPOSITION: IL 9.5
 FRICTION AGGREGATE: MIXTURE C

MIXTURE USE: HMA SHOULDERS (6" BOTTOM LIFT)
 APPLICATION: HMA BINDER COURSE, IL 19.0, N90
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4% @ 90
 MIXTURE COMPOSITION: IL 19.0
 FRICTION AGGREGATE: N/A

MIXTURE USE: MEDIAN CROSSEOVERS
 APPLICATION: INCIDENTAL HMA
 PG GRADE: PG 64-22
 DESIGN AIR VOIDS: 4% @ 90
 MIXTURE COMPOSITION: IL 9.5
 FRICTION AGGREGATE: MIXTURE C

THE PAY FOR PERFORMANCE USING PERCENT WITHIN LIMITS - JOBSITE SAMPLING SPECIAL PROVISION SHALL APPLY TO THE FOLLOWING HOT MIX ASPHALT PAY ITEMS:

POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80
 POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90
 HOT-MIX ASPHALT BINDER COURSE, IL-19.0 N90

ONCE THE FINAL SURFACE MIX IS PLACED ON THE HOT MIX ASPHALT SHOULDERS, THE LOCATIONS OF THE PIPE UNDERDRAIN OUTLETS SHALL BE RE-ESTABLISHED WITH A "T" PAINTED ON THE OUTSIDE EDGE OF THE SHOULDERS. THE COST OF RE-ESTABLISHING THE OUTLET LOCATIONS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PAVEMENT MARKING.

THE EXISTING DELINEATORS WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND SATISFACTORILY DISPOSED OF OFF THE PROJECT SITE. THE COST OF REMOVING AND DISPOSING OF THE DELINEATORS SHALL BE CONSIDERED INCLUDED IN THE COST OF THE PROPOSED DELINEATORS AND NO ADDITIONAL COMPENSATION WILL BE ALLOWED.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN THE CALCULATING PLAN QUANTITIES:

AGGREGATE SHOULDERS	2.05 TONS/CU YD
BITUMINOUS MATERIALS (TACK COAT)	0.05 LBS/SQ FT
BITUMINOUS MATERIALS (TACK COAT) - FOG COAT	0.025 LBS/SQ FT
HOT-MIX ASPHALT (OTHER THAN STONE MATRIX ASPHALT)	112 LBS/SQ YD/INCH
STONE MATRIX HOT-MIX ASPHALT	130 LBS/SQ YD/INCH

THE LONGITUDINAL JOINT SEALANT SHALL BE APPLIED TO THE TOP LIFT OF N90 BINDER ONLY.

THE BOTTOM LIFT (VARIABLE DEPTH) OF N90 BINDER SHOWN IN THE PROPOSED PAVING TRANSITION DETAILS SHALL NOT BE TESTED BASED ON THE PFP SPECIAL PROVISION

FILE NAME =	USER NAME = staffernk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
g:\IL084EBID\INTEG\Illinois.gov\PI001\Documents\DOT\Office\District 7\Projects\74722\Drawings\CAD\Sheets\0774722-shc-gennote	DRAWN	CHECKED -	REVISED -			TO	(18-45)RS-5	CUMBERLAND	65	4	
PLOT SCALE = 48,000" / in.		DATE -	REVISED -			CONTRACT NO. 74722					
Default	PLOT DATE = 8/10/2016					[ILLINOIS] FED. AID PROJECT					

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

SUMMARY OF QUANTITIES			90% FED. 10% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	0005			
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	3670	3670		
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	270640	270640		
40600990	TEMPORARY RAMP	SQ YD	230	230		
40603090	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	23270	23270		
40603153	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80	TON	23660	23660		
40603240	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90	TON	22930	22930		
40800029	BITUMINOUS MATERIALS (TACK COAT)	POUND	260	260		
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	70	70		
44000157	HOT-MIX ASPHALT SURFACE REMOVAL, 2"	SQ YD	77670	77670		
44000189	HOT-MIX ASPHALT SURFACE REMOVAL, 10"	SQ YD	90970	90970		
44200629	CLASS A PATCHES, TYPE I, 15 INCH	SQ YD	20	20		
44200630	CLASS A PATCHES, TYPE II, 15 INCH	SQ YD	130	130		
44200631	CLASS A PATCHES, TYPE III, 15 INCH	SQ YD	280	280		

SUMMARY OF QUANTITIES			90% FED. 10% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	0005			
44200632	CLASS A PATCHES, TYPE IV, 15 INCH	SQ YD	5500	5500		
44213000	PATCHING REINFORCEMENT	SQ YD	5930	5930		
44213200	SAW CUTS	FOOT	13040	13040		
44213204	TIE BARS 3/4"	EACH	2420	2420		
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	3330	3330		
48203005	HOT-MIX ASPHALT SHOULDERS, 2"	SQ YD	122580	122580		
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	45490	45490		
48203037	HOT-MIX ASPHALT SHOULDERS, 10"	SQ YD	45490	45490		
50300225	CONCRETE STRUCTURES	CU YD	1.1	1.1		
50800105	REINFORCEMENT BARS	POUND	9690	9690		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	190	190		
60100070	SHOULDER REMOVAL AND REPLACEMENT	FOOT	139670	139670		
60108106	PIPE UNDERDRAINS, TYPE I, 6"	FOOT	137470	137470		
60108200	PIPE UNDERDRAINS 6" (SPECIAL)	FOOT	5860	5860		

SUMMARY OF QUANTITIES			90% FED. 10% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	5350	5350		
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	3	3		
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	6	6		
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	8	8		
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	19	19		
63200310	GUARDRAIL REMOVAL	FOOT	7610	7610		
63400105	GUARD POSTS	EACH	70	70		
63500105	DELINEATORS	EACH	180	180		
64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	138100	138100		
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	8		
67000600	ENGINEER'S FIELD LABORATORY	CAL MO	8	8		
67100100	MOBILIZATION	LSUM	1	1		

SUMMARY OF QUANTITIES			90% FED. 10% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
70100207	TRAFFIC CONTROL AND PROTECTION, STANDARD	EACH	4	4		
	701402					
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD	LSUM	1	1		
	701201					
70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD	LSUM	1	1		
	701406					
70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD	LSUM	1	1		
	701401					
70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	64	64		
70107007	PAVEMENT MARKING BLACKOUT TAPE, 7"	FOOT	9000	9000		
70300100	SHORT TERM PAVEMENT MARKING	FOOT	13690	13690		
70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SO FT	4570	4570		
70300240	TEMPORARY PAVEMENT MARKING - LINE 6"	FOOT	160840	160840		
70400100	TEMPORARY CONCRETE BARRIER	FOOT	1237.5	1237.5		
70400200	RELOCATE TEMPORARY CONCRETE BARRIER	FOOT	1237.5	1237.5		

*specialty items

FILE NAME =	USER NAME = esteffernk	DESIGNED -	REVISD -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\1188\EBID\UNTED\Illinois.gov\PI\DOT\Documents\DOT Offices\District 7\Projects\74722\DRAWING\CD\shw\74722-shr-500.dgn	DRAWN	REVISD -	REVISD -			70	118-451RS-5	CUMBERLAND	65	6	
PLOT SCALE = 1/8" = 100.0000' / 1"	CHECKED -	REVISD -	REVISD -			SCALE: SHEET 2 OF 3 SHEETS STA. TO STA.		CONTRACT NO. 74722			
Default	DATE -	REVISD -	REVISD -			ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES			90% FED. 10% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
70600250	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2		
70600350	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3	EACH	2	2		
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	19	19		
* 72501100	TERMINAL MARKER - POST MOUNTED	EACH	1	1		
* 78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	136460	136460		
* 78003130	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - LINE 6"	FOOT	4830	4830		
* 78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	17060	17060		
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	1720	1720		
78100105	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE)	EACH	50	50		
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	90	90		
X0322278	RODENT SHIELDS	EACH	300	300		
X0325279	CLASS SI CONCRETE (MISCELLANEOUS)	CU YD	420	420		

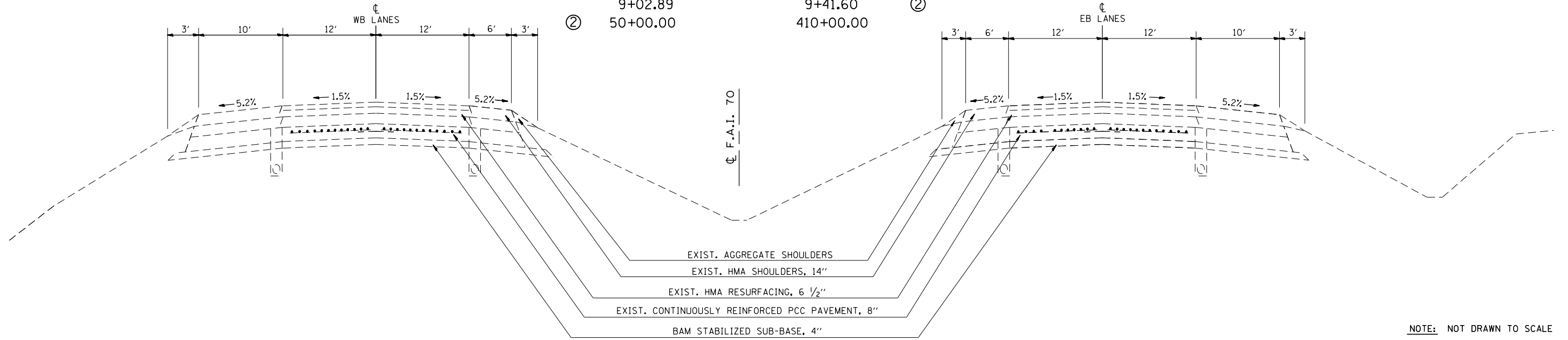
SUMMARY OF QUANTITIES			90% FED. 10% STATE TOTAL QUANTITIES	CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT		0005		
X0327980	PAVEMENT MARKING REMOVAL - WATER BLASTING	SQ FT	81410	81410		
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	181950	181950		
X5012650	CONCRETE HEADWALL REMOVAL SPECIAL	EACH	300	300		
* X6310214	TRAFFIC BARRIER TERMINAL, TYPE 6 (SPECIAL)	EACH	4	4		
* X6330725	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	25	25		
X7010237	CHANGEABLE MESSAGE SIGN, SPECIAL	CAL DA	150	150		
X7010410	SPEED DISPLAY TRAILER	CAL MO	12	12		
X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28	28		
X7040125	PINNING TEMPORARY CONCRETE BARRIER	EACH	438	438		
* X7830074	GROOVING FOR RECESSED PAVEMENT MARKING 7"	FOOT	141290	141290		
Z0005010	HOT-MIX ASPHALT FOR PATCHING POTHOLES (COLD MIX)	TON	10	10		
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	68230	68230		
Z0034105	MATERIAL TRANSFER DEVICE	TON	69860	69860		

* Specialty Items

EXISTING TYPICAL CROSS SECTION ①

F.A.I. 70

STATION TO STATION
 2771+40.00 2772+59.71
 2772+59.71 (BK.) = 9+02.89 (AH.) STATION EQUATION
 9+02.89 9+41.60
 50+00.00 410+00.00

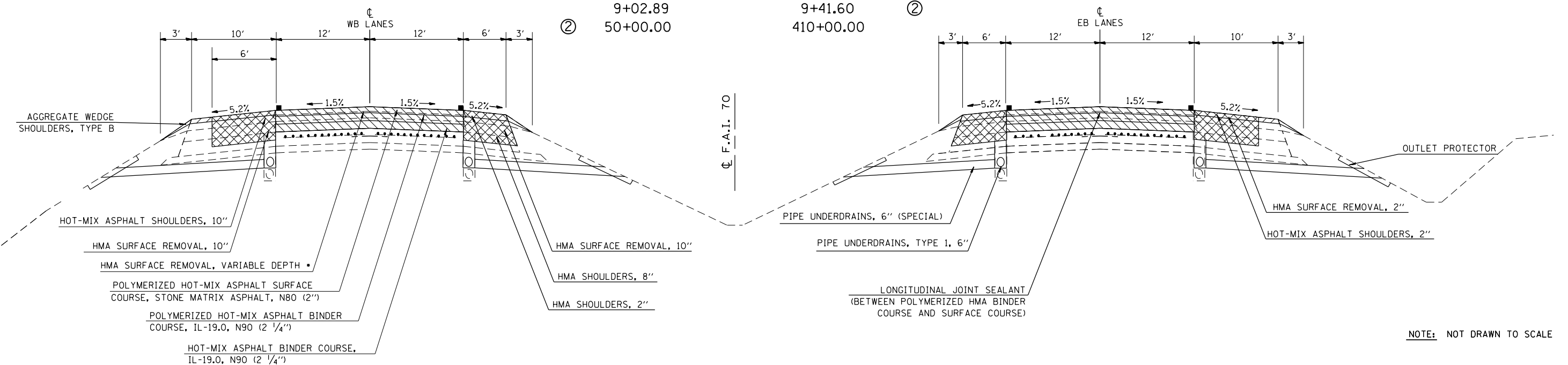


NOTE: ALL WORK IN WB LANES SHALL BE OMITTED FROM STA. 2771+40.00 TO STA. 108+45.00.

PROPOSED TYPICAL CROSS SECTION ①

F.A.I. 70

STATION TO STATION
 2771+40.00 2772+59.71
 2772+59.71 (BK.) = 9+02.89 (AH.) STATION EQUATION
 9+02.89 9+41.60
 50+00.00 410+00.00



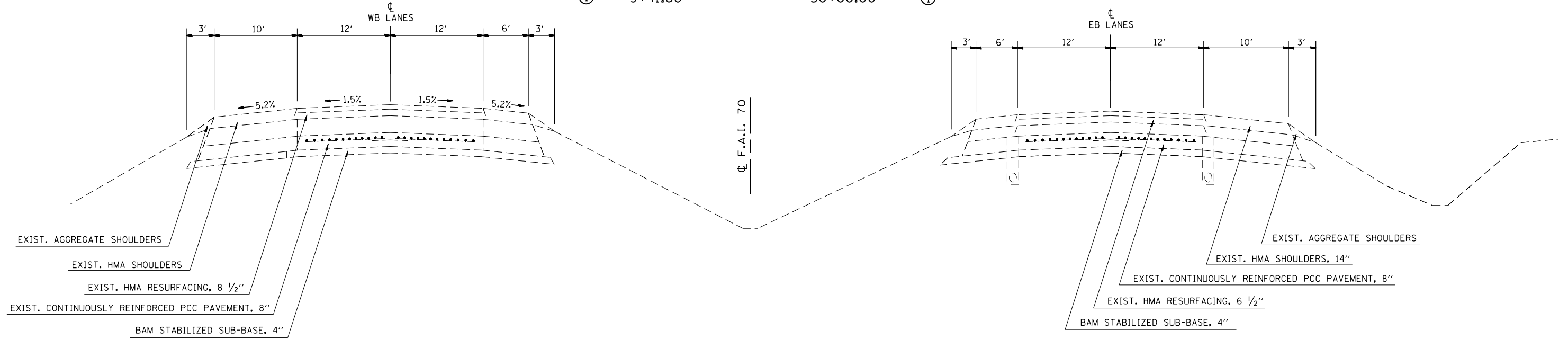
COMPLETE HMA OVERLAY SHALL BE REMOVED TO PCC PAVEMENT. SEE CORING REPORT FOR HMA OVERLAY DEPTHS.

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL CROSS SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74722\Drawings\CAD\Sheets\0774722-sht-typical.dwg	DESIGNED -	REVISED -	70					(18-45)RS-5	CUMBERLAND	65	8	
Default	PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -		CONTRACT NO. 74722			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 8/10/2016	DATE -	REVISED -		SCALE: N/A	SHEET 1 OF 2 SHEETS	STA. TO STA.					

EXISTING TYPICAL CROSS SECTION ②

F.A.I. 70

① STATION 9+41.60 TO STATION 50+00.00 ①



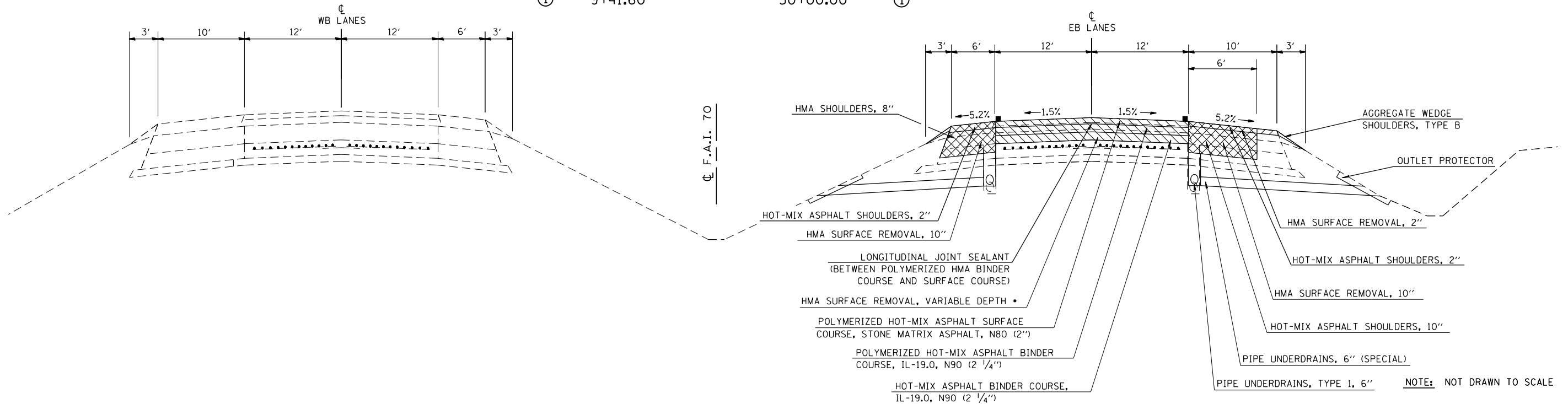
NOTE: NOT DRAWN TO SCALE

NOTE: ALL WORK IN WB LANES SHALL BE OMITTED FROM STA. 2771+40.00 TO STA. 108+45.00.

PROPOSED TYPICAL CROSS SECTION ②

F.A.I. 70

① STATION 9+41.60 TO STATION 50+00.00 ①



• COMPLETE HMA OVERLAY SHALL BE REMOVED TO PCC PAVEMENT. SEE CORING REPORT FOR HMA OVERLAY DEPTHS.

NOTE: NOT DRAWN TO SCALE

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74722\Drawings\CAD\Sheets\0774722-sht-typical.dwg		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 8/10/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

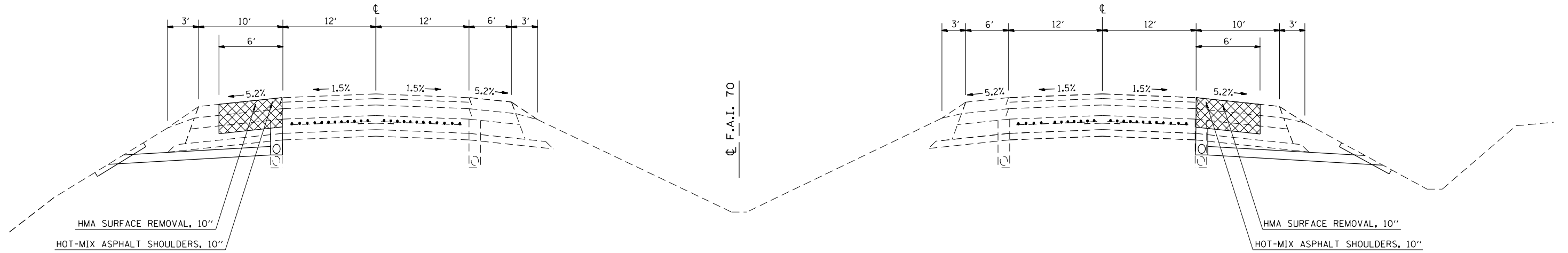
TYPICAL CROSS SECTIONS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	9
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				

NOTE: ALL WORK IN WB LANES SHALL BE OMITTED FROM STA. 2771+40.00 TO STA. 108+45.00.

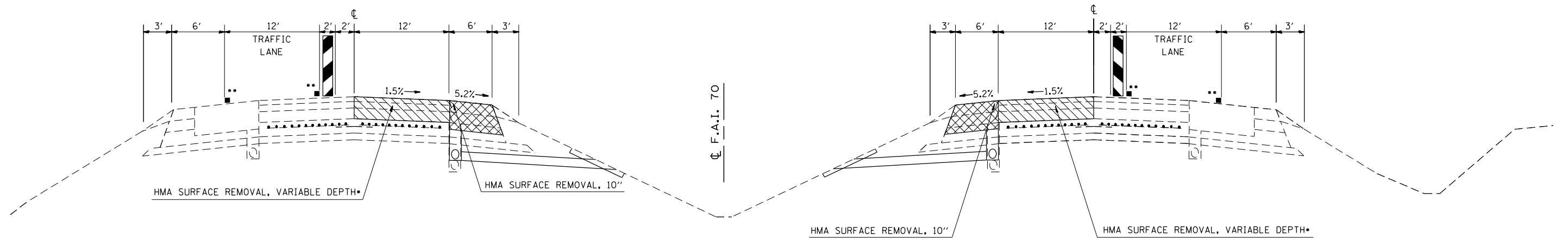
PRE-STAGE TYPICAL CROSS SECTION



NOTE: NOT DRAWN TO SCALE

NOTE: ALL WORK IN WB LANES SHALL BE OMITTED FROM STA. 2771+40.00 TO STA. 108+45.00.

STAGE 1A TYPICAL CROSS SECTION



NOTE: NOT DRAWN TO SCALE

- COMPLETE HMA OVERLAY SHALL BE REMOVED TO PCC PAVEMENT. SEE CORING REPORT FOR HMA OVERLAY DEPTHS.
- STAGE STRIPING & REMOVAL IS TO BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD 701401

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
Default	PLOT DATE = 8/10/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

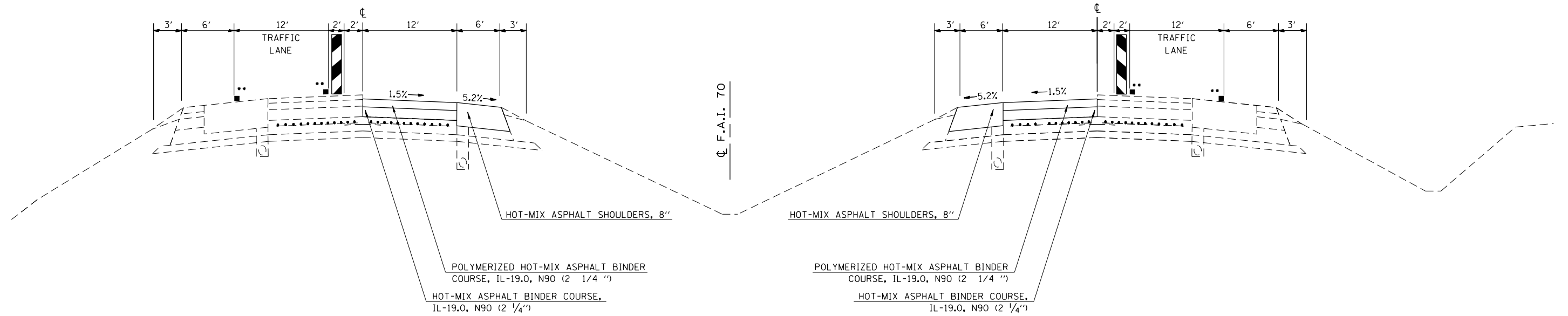
STAGING TYPICAL CROSS SECTIONS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	10
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				

NOTE: ALL WORK IN WB LANES SHALL BE OMITTED FROM STA. 2771+40.00 TO STA. 108+45.00.

STAGE 1B TYPICAL CROSS SECTION

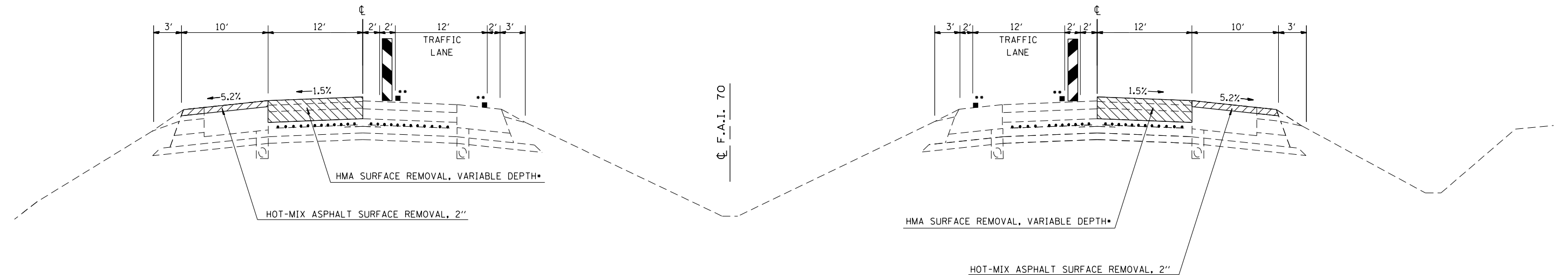


NOTE: NOT DRAWN TO SCALE

•• STAGE STRIPING & REMOVAL IS TO BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD 701401

NOTE: ALL WORK IN WB LANES SHALL BE OMITTED FROM STA. 2771+40.00 TO STA. 108+45.00.

STAGE 2A TYPICAL CROSS SECTION



NOTE: NOT DRAWN TO SCALE

• COMPLETE HMA OVERLAY SHALL BE REMOVED TO PCC PAVEMENT. SEE CORING REPORT FOR HMA OVERLAY DEPTHS.
 •• STAGE STRIPING & REMOVAL IS TO BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD 701401

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 7\Projects\74722\Drawings\CAD\Sheets\0774722-sht-typical		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
Default	PLOT DATE = 8/10/2016	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

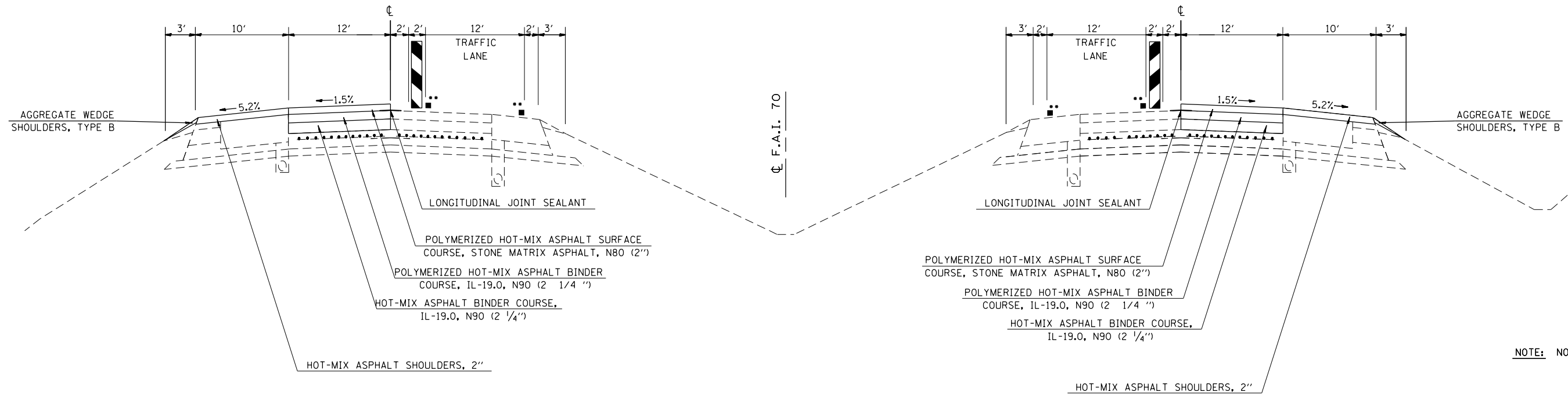
STAGING TYPICAL CROSS SECTIONS

SCALE: N/A SHEET 2 OF 3 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	11
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				

NOTE: ALL WORK IN WB LANES SHALL BE OMITTED FROM STA. 2771+40.00 TO STA. 108+45.00.

STAGE 2B TYPICAL CROSS SECTION

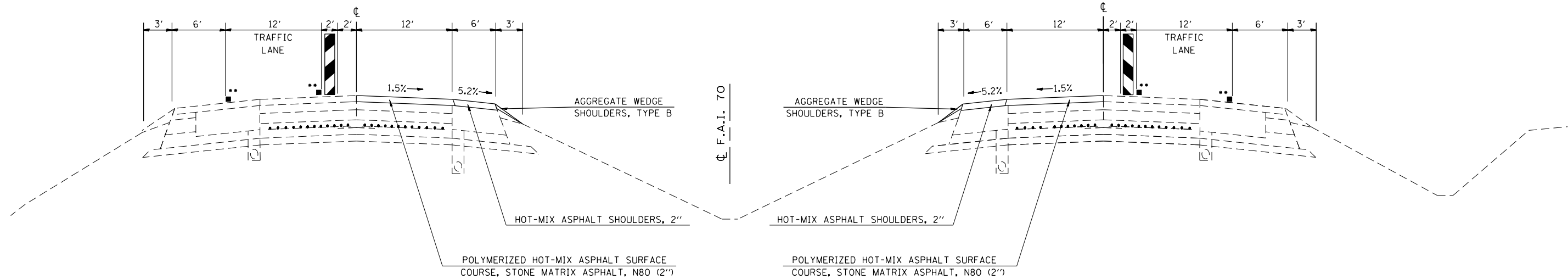


NOTE: NOT DRAWN TO SCALE

•• STAGE STRIPING & REMOVAL IS TO BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD 701401

NOTE: ALL WORK IN WB LANES SHALL BE OMITTED FROM STA. 2771+40.00 TO STA. 108+45.00.

STAGE 3 TYPICAL CROSS SECTION



NOTE: NOT DRAWN TO SCALE

•• STAGE STRIPING & REMOVAL IS TO BE INCLUDED IN THE COST OF TRAFFIC CONTROL STANDARD 701401

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGING TYPICAL CROSS SECTIONS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74722\Drawings\CAD\Sheets\0774722-sht-typical.dwg	PLotted	CHECKED -	REVISED -					70	(18-45)RS-5	CUMBERLAND	65	12
Default	PLOT SCALE = 100.0000' / 1" =	DATE -	REVISED -		CONTRACT NO. 74722			ILLINOIS FED. AID PROJECT				
	PLOT DATE = 8/10/2016				SCALE: N/A	SHEET 3 OF 3 SHEETS	STA. TO STA.					

SCHEDULE OF QUANTITIES

CLASS A PATCHES

PATCH NUMBER	LANE	STATION	LENGTH (FOOT)	WIDTH (FOOT)	DEPTH (INCH)	SUBBASE GRANULAR MATERIAL, TYPE B 4" 31101200.0 (SQ YD)	CLASS A PATCHES, TYPE I, 15 INCH 44200629 (SQ YD)	CLASS A PATCHES, TYPE II, 15 INCH 44200630 (SQ YD)	CLASS A PATCHES, TYPE III, 15 INCH 44200631 (SQ YD)	CLASS A PATCHES, TYPE IV, 15 INCH 44200632 (SQ YD)	PATCHING REINFORCEMENT 44213000 (SQ YD)	SAW CUTS 44213200 (FOOT)	TIE BARS 3/4" 44213204 (EACH)
1	WBDL	401+66.00	20.00	6.00	15.0			13.3			13.3	64.0	9
2	WBDL	361+90.00	20.00	12.00	15.0					26.7	26.7	88.0	9
3	WBDL	360+70.00	20.00	12.00	15.0					26.7	26.7	88.0	9
4	WBDL	358+19.00	30.00	12.00	15.0					40.0	40.0	108.0	14
5	WBDL	357+02.00	5.00	12.00	15.0			6.7			6.7	58.0	
6	WBDL	352+82.00	30.00	6.00	15.0				20.0		20.0	84.0	14
7	WBDL	339+76.00	70.00	6.00	15.0					46.7	46.7	164.0	34
8	WBDL	337+00.00	10.00	6.00	15.0			6.7			6.7	44.0	
9	WBDL	332+35.00	120.00	6.00	15.0					80.0	80.0	264.0	59
10	WBDL	330+30.00	15.00	12.00	15.0				20.0		20.0	78.0	
11	WBDL	329+80.00	80.00	6.00	15.0					53.3	53.3	184.0	39
12	WBDL	325+19.00	20.00	6.00	15.0			13.3			13.3	64.0	9
13	WBDL	321+00.00	12.00	6.00	15.0			8.0			8.0	48.0	
14	WBDL	320+00.00	12.00	5.00	15.0			6.7			6.7	44.0	
15	WBDL	300+50.00	25.00	12.00	15.0					33.3	33.3	98.0	12
16	WBDL	289+96.00	40.00	6.00	15.0					26.7	26.7	104.0	19
17	WBDL	281+25.00	250.00	6.00	15.0					166.7	166.7	524.0	124
18	WBDL	278+37.00	10.00	6.00	15.0			6.7			6.7	44.0	
19	WBDL	275+18.00	150.00	6.00	15.0					100.0	100.0	324.0	74
20	WBDL	273+00.00	60.00	6.00	15.0					40.0	40.0	144.0	29
21	WBDL	270+75.00	40.00	6.00	15.0					26.7	26.7	104.0	19
22	WBDL	270+10.00	40.00	6.00	15.0					26.7	26.7	104.0	19
23	WBDL	267+40.00	40.00	6.00	15.0					26.7	26.7	104.0	19
24	WBDL	265+00.00	25.00	12.00	15.0					33.3	33.3	98.0	12
25	WBDL	263+45.00	40.00	12.00	15.0					53.3	53.3	128.0	19
26	WBDL	259+73.00	17.00	12.00	15.0				22.7		22.7	82.0	
27	WBDL	250+00.00	30.00	12.00	15.0					40.0	40.0	108.0	14
28	WBDL	232+50.00	6.00	6.00	15.0		4.0				4.0	36.0	
29	WBDL	231+50.00	6.00	6.00	15.0		4.0				4.0	36.0	
30	WBDL	229+10.00	45.00	6.00	15.0					30.0	30.0	114.0	22
31	WBDL	220+20.00	50.00	6.00	15.0					33.3	33.3	124.0	24
32	WBDL	192+70.00	60.00	6.00	15.0					40.0	40.0	144.0	29
33	WBDL	191+75.00	50.00	6.00	15.0					33.3	33.3	124.0	24
34	WBDL	191+90.00	35.00	6.00	15.0				23.3		23.3	94.0	17
35	WBDL	190+20.00	8.00	12.00	15.0			10.7			10.7	64.0	
36	WBDL	189+75.00	50.00	12.00	15.0					66.7	66.7	148.0	24
37	WBDL	188+30.00	10.00	12.00	15.0			13.3			13.3	68.0	
38	WBDL	173+20.00	8.00	6.00	15.0			5.3			5.3	40.0	
39	WBDL	163+82.00	15.00	12.00	15.0				20.0		20.0	78.0	
WBDL SUB-TOTAL:						0.0	8.0	90.7	106.0	1,050.1	1,254.8	4,416.0	696

SCHEDULE OF QUANTITIES

CLASS A PATCHES (CONTINUED)

PATCH NUMBER	LANE	STATION	LENGTH (FOOT)	WIDTH (FOOT)	DEPTH (INCH)	SUBBASE GRANULAR MATERIAL, TYPE B 4" 31101200.0 (SQ YD)	CLASS A PATCHES, TYPE I, 15 INCH 44200629 (SQ YD)	CLASS A PATCHES, TYPE II, 15 INCH 44200630 (SQ YD)	CLASS A PATCHES, TYPE III, 15 INCH 44200631 (SQ YD)	CLASS A PATCHES, TYPE IV, 15 INCH 44200632 (SQ YD)	PATCHING REINFORCEMENT 44213000 (SQ YD)	SAW CUTS 44213200 (FOOT)	TIE BARS 3/4" 44213204 (EACH)
40	EBDL	2771+43.00	6.00	12.00	15.0			8.0			8.0	60.0	
41	EBDL	9+45.00	15.00	12.00	15.0				20.0		20.0	78.0	
42	EBDL	24+00.00	50.00	6.00	15.0					33.3	33.3	124.0	24
43	EBDL	30+77.00	140.00	6.00	15.0					93.3	93.3	304.0	69
44	EBDL	43+77.00	40.00	6.00	15.0					26.7	26.7	104.0	19
45	EBDL	45+66.00	25.00	6.00	15.0				16.7		16.7	74.0	12
46	EBDL	47+00.00	150.00	6.00	15.0					100.0	100.0	324.0	74
47	EBDL	48+68.00	5.00	12.00	15.0			6.7			6.7	58.0	
48	EBDL	87+20.00	6.00	6.00	15.0		4.0				4.0	36.0	
49	EBDL	91+01.00	372.00	12.00	15.0	496.0				496.0	496.0	792.0	370
50	EBDL SHLD	91+01.00	372.00	10.00	15.0	413.3				413.3	413.3	412.0	
51	EBDL	93+10.00	12.00	12.00	15.0				16.0		16.0	72.0	
52	EBDL	98+85.00	30.00	6.00	15.0				20.0		20.0	84.0	14
53	EBDL	100+18.00	50.00	6.00	15.0					33.3	33.3	124.0	24
54	EBDL	102+82.00	6.00	6.00	15.0		4.0				4.0	36.0	
55	EBDL	120+40.00	15.00	6.00	15.0			10.0			10.0	54.0	
56	EBDL	257+47.00	40.00	12.00	15.0					53.3	53.3	128.0	19
57	EBDL	262+39.00	15.00	12.00	15.0				20.0		20.0	78.0	
58	EBDL	263+81.00	12.00	12.00	15.0				16.0		16.0	72.0	
59	EBDL	340+50.00	6.00	12.00	15.0			8.0			8.0	60.0	
60	EBDL	356+50.00	25.00	12.00	15.0					33.3	33.3	98.0	12
61	EBDL	357+80.00	30.00	12.00	15.0					40.0	40.0	108.0	14
62	EBDL	360+48.00	30.00	12.00	15.0					40.0	40.0	108.0	14
63	EBDL	378+86.00	150.00	6.00	15.0					100.0	100.0	324.0	74
64	EBDL	382+00.00	90.00	6.00	15.0					60.0	60.0	204.0	44
65	EBDL	383+50.00	35.00	6.00	15.0				23.3		23.3	94.0	17
66	EBDL	401+50.00	65.00	12.00	15.0					86.7	86.7	178.0	32
67	EBDL	408+25.00	452.00	12.00	15.0	602.7				602.7	602.7	952.0	450
68	EBDL SHLD	408+25.00	452.00	10.00	15.0	502.2				502.2	502.2	492.0	
EBDL SUB-TOTAL:						2,014.2	8.0	32.7	132.0	2,714.1	2,886.8	5,632.0	1,282

PATCH NUMBER	LANE	STATION	LENGTH (FOOT)	WIDTH (FOOT)	DEPTH (INCH)	SUBBASE GRANULAR MATERIAL, TYPE B 4" 31101200.0 (SQ YD)	CLASS A PATCHES, TYPE I, 15 INCH 44200629 (SQ YD)	CLASS A PATCHES, TYPE II, 15 INCH 44200630 (SQ YD)	CLASS A PATCHES, TYPE III, 15 INCH 44200631 (SQ YD)	CLASS A PATCHES, TYPE IV, 15 INCH 44200632 (SQ YD)	PATCHING REINFORCEMENT 44213000 (SQ YD)	SAW CUTS 44213200 (FOOT)	TIE BARS 3/4" 44213204 (EACH)
69	WBPL	259+60.00	15.00	12.00	15.0				20.0		20.0	78.0	
WBPL SUB-TOTAL:						0.0	0.0	0.0	20.0	0.0	20.0	78.0	0

SCHEDULE OF QUANTITIES

CLASS A PATCHES (CONTINUED)

PATCH NUMBER	LANE	STATION	LENGTH (FOOT)	WIDTH (FOOT)	DEPTH (INCH)	SUBBASE GRANULAR MATERIAL, TYPE B 4" 31101200.0 (SQ YD)	CLASS A PATCHES, TYPE I, 15 INCH 44200629 (SQ YD)	CLASS A PATCHES, TYPE II, 15 INCH 44200630 (SQ YD)	CLASS A PATCHES, TYPE III, 15 INCH 44200631 (SQ YD)	CLASS A PATCHES, TYPE IV, 15 INCH 44200632 (SQ YD)	PATCHING REINFORCEMENT 44213000 (SQ YD)	SAW CUTS 44213200 (FOOT)	TIE BARS 3/4" 44213204 (EACH)
70	EBPL	91+01.00	372.00	12.00	15.0	496.0				496.0	496.0	792.0	185
71	EBPL SHLD	91+01.00	372.00	6.00	15.0	248.0				248.0	248.0	396.0	
72	EBPL	262+47.00	15.00	12.00	15.0			20.0			20.0	78.0	
73	EBPL	360+55.00	25.00	12.00	15.0					33.3	33.3	98.0	12
74	EBPL	406+85.00	35.00	12.00	15.0					46.7	46.7	118.0	17
75	EBPL	408+25.00	452.00	12.00	15.0	602.7				602.7	602.7	952.0	225
76	EBPL SHLD	408+25.00	452.00	6.00	15.0	301.3				301.3	301.3	476.0	
EBPL SUB-TOTAL:						1,648.0	0.0	0.0	20.0	1,728.0	1,748.0	2,910.0	439

CLASS A PATCHING SUMMARY

LANE	SUBBASE GRANULAR MATERIAL, TYPE B 4" 31101200.0 (SQ YD)	CLASS A PATCHES, TYPE I, 15 INCH 44200629 (SQ YD)	CLASS A PATCHES, TYPE II, 15 INCH 44200630 (SQ YD)	CLASS A PATCHES, TYPE III, 15 INCH 44200631 (SQ YD)	CLASS A PATCHES, TYPE IV, 15 INCH 44200632 (SQ YD)	PATCHING REINFORCEMENT 44213000 (SQ YD)	SAW CUTS 44213200 (FOOT)	TIE BARS 3/4" 44213204 (EACH)
WBDL	0.0	8.0	90.7	106.0	1,050.1	1,254.8	4,416.0	696
EBDL	2,014.2	8.0	32.7	132.0	2,714.1	2,886.8	5,632.0	1,282
WBPL	0.0	0.0	0.0	20.0	0.0	20.0	78.0	0
EBPL	1,648.0	0.0	0.0	20.0	1,728.0	1,748.0	2,910.0	439
TOTAL =	3,662.2	16.0	123.4	278.0	5,492.2	5,909.6	13,036.0	2,417
ROUND TO:	3,670.0	20.0	130.0	280.0	5,500.0	5,930.0	13,040.0	2,420

SCHEDULE OF QUANTITIES

TEMPORARY CONCRETE BARRIER

STATION	TO	STATION	TEMPORARY CONCRETE BARRIER 70400100 (FOOT)	RELOCATE TEMPORARY CONCRETE BARRIER 70400200 (FOOT)	IMPACT ATTENUATORS, TEMPORARY (NON-REDIRECTIVE), TEST LEVEL 3 70600250 (EACH)	IMPACT ATTENUATORS, RELOCATE (NON-REDIRECTIVE), TEST LEVEL 3 70600350 (EACH)	PINNING TEMPORARY CONCRETE BARRIER X7040125 (EACH)
EBDL & EBDL SHOULDER AT STATION 91+01							
87+35.30		---			1.0		
87+35.30		89+13.10	175.0				6.0
89+13.10		89+38.50	25.0				3.0
89+38.50		93+20.70	375.0				90.0
EBDL & EBDL SHOULDER AT STATION 408+25							
403+34.60		---			1.0		
403+34.60		405+11.00	175.0				6.0
405+11.00		405+36.00	25.0				3.0
405+36.00		410+03.67	462.5				111.0
EBPL & EBPL SHOULDER AT STATION 91+01							
87+35.30		---				1.0	
87+35.30		89+12.90		175.0			6.0
89+12.90		89+37.90		25.0			3.0
89+37.90		93+20.60		375.0			90.0
EBPL & EBPL SHOULDER AT STATION 408+25							
403+34.60		---				1.0	
403+34.60		405+11.00		175.0			6.0
405+11.00		405+36.00		25.0			3.0
405+36.00		410+03.67		462.5			111.0
TOTAL =			1,237.5	1,237.5	2.0	2.0	438.0

CHANGEABLE MESSAGE SIGN

LOCATION	CHANGEABLE MESSAGE SIGN X7015005 (CAL DA)
FAI 70 EB	14.0
FAI 70 WB	14.0
TOTAL =	
	28.0

GUARD POSTS

STATION	TO	STATION	GUARD POSTS 63400105 (EACH)
90+00.00		90+70.00	14.0
92+00.00		92+58.00	12.0
351+72.00		352+15.00	9.0
353+45.00		353+78.00	7.0
406+75.00		407+12.00	8.0
408+40.00		409+20.00	16.0
TOTAL =			66.0
ROUND TO:			70.0

SCHEDULE OF QUANTITIES

PIPE UNDERDRAINS (MAINLINE)

	STATION	TO	STATION	PIPE UNDERDRAINS, TYPE 1, 6" 60108106	
				DRIVING LANE (FOOT)	PASSING LANE (FOOT)
EB	2771+40.00		2772+59.71	238.8	119.4
EB	9+02.89		15+50.00	1,303.9	653.2
EB	15+50.00		20+50.00	1,008.2	505.1
EB	20+50.00		25+50.00	1,008.2	505.1
EB	25+50.00		29+00.00	705.7	353.7
EB	29+00.00		37+00.00	1,613.1	808.5
EB	37+00.00		42+00.00	1,008.2	505.1
EB	42+00.00		47+00.00	1,001.0	500.6
EB	47+00.00		52+00.00	1,000.0	500.0
EB	52+00.00		57+00.00	1,000.0	500.0
EB	57+00.00		64+00.00	1,400.0	700.0
EB	64+00.00		68+00.00	800.0	400.0
EB	68+00.00		77+00.00	1,800.0	900.0
EB	77+00.00		82+50.00	1,097.3	548.3
EB	82+50.00		88+00.00	1,090.9	544.3
EB	88+00.00		93+00.00	991.8	494.7
EB	93+00.00		97+80.00	952.1	474.9
EB	97+80.00		102+80.00	999.2	499.5
EB	102+80.00		107+80.00	1,000.0	500.0
EB	107+80.00		114+15.00	1,270.0	635.0
EB	114+15.00		118+75.00	920.0	460.0
EB	118+75.00		123+75.00	1,000.0	500.0
EB	123+75.00		128+75.00	1,000.0	500.0
EB	128+75.00		133+75.00	1,000.0	500.0
EB	133+75.00		138+75.00	1,000.0	500.0
EB	138+75.00		148+75.00	2,000.0	1,000.0
EB	148+75.00		153+75.00	1,000.0	500.0
EB	153+75.00		158+88.00	1,026.0	513.0
EB	158+88.00		164+00.00	1,024.0	512.0
EB	164+00.00		168+50.00	900.0	450.0
EB	168+50.00		172+75.00	850.0	425.0
EB	172+75.00		180+75.00	1,600.0	800.0
EB	180+75.00		185+75.00	1,000.0	500.0
EB	185+75.00		190+75.00	1,000.0	500.0
EB	190+75.00		195+75.00	999.7	499.8
EB	195+75.00		200+75.00	997.3	498.3
EB	200+75.00		206+20.00	1,087.4	543.4
EB	206+20.00		210+00.00	760.0	380.0
EB	210+00.00		214+65.00	930.0	465.0
EB	214+65.00		217+65.00	600.0	300.0

	STATION	TO	STATION	PIPE UNDERDRAINS, TYPE 1, 6" 60108106	
				DRIVING LANE (FOOT)	PASSING LANE (FOOT)
EB	217+65.00		225+65.00	1,600.0	800.0
EB	225+65.00		230+65.00	1,000.0	500.0
EB	230+65.00		235+65.00	1,000.0	500.0
EB	235+65.00		240+65.00	1,000.0	500.0
EB	240+65.00		245+58.00	986.0	493.0
EB	245+58.00		250+02.50	889.0	437.0
EB	251+77.50		259+55.00	1,547.5	777.5
EB	261+20.00		266+65.00	1,090.0	545.0
EB	266+65.00		272+10.00	1,090.0	545.0
EB	272+10.00		277+60.00	1,100.0	550.0
EB	277+60.00		282+60.00	1,000.0	500.0
EB	282+60.00		288+10.00	1,100.0	550.0
EB	288+10.00		293+00.00	980.0	490.0
EB	293+00.00		297+00.00	800.0	400.0
EB	297+00.00		301+00.00	800.0	400.0
EB	301+00.00		305+10.00	820.0	410.0
EB	305+10.00		309+60.00	900.0	450.0
EB	309+60.00		313+80.00	840.0	420.0
EB	313+80.00		319+50.00	1,140.0	570.0
EB	319+50.00		324+50.00	1,000.0	500.0
EB	324+50.00		329+60.00	1,020.0	510.0
EB	329+60.00		334+00.00	880.0	440.0
EB	334+00.00		338+50.00	900.0	450.0
EB	338+50.00		343+00.00	900.0	450.0
EB	343+00.00		351+00.00	1,600.0	800.0
EB	351+00.00		355+00.00	800.0	400.0
EB	355+00.00		357+72.50	545.0	265.0
EB	360+32.50		364+50.00	842.1	426.3
EB	364+50.00		369+50.00	1,002.7	501.7
EB	369+50.00		374+50.00	1,002.7	501.7
EB	374+50.00		380+00.00	982.0	491.3
EB	380+00.00		384+50.00	900.0	450.0
EB	384+50.00		389+50.00	1,000.0	500.0
EB	389+50.00		394+50.00	1,000.0	500.0
EB	394+50.00		399+50.00	1,000.0	500.0
EB	399+50.00		410+00.00	2,100.0	1,050.0
EASTBOUND TOTAL				79,139.8	39,567.4
EASTBOUND ROUNDED				79,140.0	39,572.4

	STATION	TO	STATION	PIPE UNDERDRAINS, TYPE 1, 6" 60108106	
				DRIVING LANE (FOOT)	PASSING LANE (FOOT)
WB	108+45.00		114+15.00	1,140.0	570.0
WB	114+15.00		118+75.00	920.0	460.0
WB	118+75.00		123+75.00	1,000.0	500.0
WB	123+75.00		128+75.00	1,000.0	500.0
WB	128+75.00		133+75.00	1,000.0	500.0
WB	133+75.00		138+75.00	1,000.0	500.0
WB	138+75.00		148+75.00	2,000.0	1,000.0
WB	148+75.00		153+75.00	1,000.0	500.0
WB	153+75.00		158+88.00	1,026.0	513.0
WB	158+88.00		164+00.00	1,024.0	512.0
WB	164+00.00		168+50.00	900.0	450.0
WB	168+50.00		172+75.00	850.0	425.0
WB	172+75.00		180+75.00	1,600.0	800.0
WB	180+75.00		185+75.00	1,000.0	500.0
WB	185+75.00		190+75.00	1,000.0	500.0
WB	190+75.00		195+75.00	1,000.3	500.2
WB	195+75.00		200+75.00	1,002.7	501.7
WB	200+75.00		206+20.00	1,092.6	546.6
WB	206+20.00		210+00.00	730.0	350.0
WB	210+00.00		214+65.00	930.0	465.0
WB	214+65.00		217+65.00	600.0	300.0
WB	217+65.00		225+65.00	1,600.0	800.0
WB	225+65.00		230+65.00	1,000.0	500.0
WB	230+65.00		235+65.00	1,000.0	500.0
WB	235+65.00		240+65.00	1,000.0	500.0
WB	240+65.00		245+58.00	986.0	493.0
WB	245+58.00		250+40.00	964.0	487.0
WB	252+15.00		259+55.00	1,480.0	740.0
WB	262+20.00		266+65.00	890.0	445.0
WB	266+65.00		272+10.00	1,090.0	545.0
WB	272+10.00		277+60.00	1,100.0	550.0
WB	277+60.00		282+60.00	1,000.0	500.0
WB	282+60.00		288+10.00	1,100.0	550.0
WB	288+10.00		293+00.00	980.0	490.0
WB	293+00.00		297+00.00	800.0	400.0
WB	297+00.00		301+00.00	800.0	400.0
WB	301+00.00		305+10.00	820.0	410.0
WB	305+10.00		309+60.00	900.0	450.0
WB	309+60.00		313+80.00	840.0	420.0
WB	313+80.00		319+50.00	1,140.0	570.0
WB	319+50.00		324+50.00	1,000.0	500.0
WB	324+50.00		329+60.00	1,020.0	510.0
WB	329+60.00		334+00.00	880.0	440.0
WB	334+00.00		338+50.00	900.0	450.0
WB	338+50.00		343+00.00	900.0	450.0
WB	343+00.00		351+00.00	1,600.0	800.0
WB	351+00.00		355+00.00	800.0	400.0
WB	355+00.00		358+17.50	635.0	325.0
WB	360+72.50		364+50.00	752.9	368.7
WB	364+50.00		369+50.00	998.3	498.3
WB	369+50.00		374+50.00	998.3	498.3
WB	374+50.00		380+00.00	987.0	488.7
WB	380+00.00		384+50.00	900.0	450.0
WB	384+50.00		389+50.00	1,000.0	500.0
WB	389+50.00		394+50.00	1,000.0	500.0
WB	394+50.00		399+50.00	1,000.0	500.0
WB	399+50.00		407+75.00	1,650.0	825.0
WESTBOUND TOTAL				58,327.1	29,147.5
WESTBOUND ROUNDED				58,330.0	29,179.6

SCHEDULE OF QUANTITIES

PIPE UNDERDRAINS (OUTLETS)

	STATION	REINFORCEMENT BARS 50800105 (POUND)	DRIVING LANE OUTLET	PASSING LANE OUTLET	PIPE UNDERDRAINS, 6" (SPECIAL) 60108200		RODENT SHIELDS X0322278 (EACH)	CLASS SI CONCRETE (MISCELLANEOUS) X0325279 (CU YD)	CONCRETE HEADWALL REMOVAL SPECIAL X5012650 (EACH)
			SHOULDER REMOVAL AND REPLACEMENT 60100070 (FEET)	SHOULDER REMOVAL AND REPLACEMENT 60100070 (FEET)	OUTSIDE LENGTH (FOOT)	INSIDE LENGTH (FOOT)			
EB	2771+40.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	10+00.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	15+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	20+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	25+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	29+00.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	37+00.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	42+00.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	47+00.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	52+00.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	57+00.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	64+00.00	71.2	10.0	6.0	41.6	38.0	4.0	3.0	4.0
EB	68+00.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	77+00.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	82+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	88+00.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	93+00.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	97+80.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	102+80.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	107+80.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	114+15.00	71.2	10.0	6.0	41.6	38.0	4.0	3.0	4.0
EB	118+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	123+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	128+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	133+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	138+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	148+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	153+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	158+88.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	164+00.00	71.2	10.0	6.0	41.6	38.0	4.0	3.0	4.0
EB	168+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	172+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	180+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	185+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	190+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	195+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	200+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	206+20.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	210+00.00	71.2	10.0	6.0	41.6	38.0	4.0	3.0	4.0
EB	214+65.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	217+65.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	225+65.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	230+65.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	235+65.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	240+65.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	245+58.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	249+95.00	35.6	10.0		20.8		1.0	1.5	1.0
EB	250+10.00	35.6		6.0		19.0	1.0	1.5	1.0
EB	255+63.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	259+55.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	266+65.00	71.2	12.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	272+10.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	277+60.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	282+60.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	288+10.00	71.2	12.0	6.0	20.8	19.0	2.0	3.0	2.0

SCHEDULE OF QUANTITIES

PIPE UNDERDRAINS (OUTLETS CONTINUED)

	STATION	REINFORCEMENT BARS 50800105 (POUND)	DRIVING LANE OUTLET	PASSING LANE OUTLET	PIPE UNDERDRAINS, 6" (SPECIAL) 60108200		RODENT SHIELDS X0322278 (EACH)	CLASS SI CONCRETE (MISCELLANEOUS) X0325279 (CU YD)	CONCRETE HEADWALL REMOVAL SPECIAL X5012650 (EACH)
			SHOULDER REMOVAL AND REPLACEMENT 60100070 (FEET)	SHOULDER REMOVAL AND REPLACEMENT 60100070 (FEET)	OUTSIDE LENGTH (FOOT)	INSIDE LENGTH (FOOT)			
			EB	293+00.00	71.2	12.0			
EB	297+00.00	71.2	12.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	301+00.00	71.2	12.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	305+10.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	309+60.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	313+80.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	319+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	324+50.00	71.2	12.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	329+60.00	71.2	12.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	334+00.00	71.2	12.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	338+50.00	71.2	12.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	343+00.00	71.2	12.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	351+00.00	71.2	12.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	355+00.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	357+65.00	35.6	10.0		20.8		1.0	1.5	1.0
EB	357+80.00	35.6		6.0		19.0	1.0	1.5	1.0
EB	364+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	369+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	374+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	380+00.00	71.2	10.0	6.0	41.6	38.0	4.0	3.0	4.0
EB	384+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	389+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	394+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	399+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EB	404+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
EASTBOUND TOTAL		5,553.6	802.0	468.0	1,747.2	1,596.0	168.0	234.0	168.0
EASTBOUND ROUNDED		5,560.0		1,270.0		3,350.0	170.0	240.0	170.0

	STATION	REINFORCEMENT BARS 50800105 (POUND)	DRIVING LANE OUTLET	PASSING LANE OUTLET	PIPE UNDERDRAINS, 6" (SPECIAL) 60108200		RODENT SHIELDS X0322278 (EACH)	CLASS SI CONCRETE (MISCELLANEOUS) X0325279 (CU YD)	CONCRETE HEADWALL REMOVAL SPECIAL X5012650 (EACH)
			SHOULDER REMOVAL AND REPLACEMENT 60100070 (FEET)	SHOULDER REMOVAL AND REPLACEMENT 60100070 (FEET)	OUTSIDE LENGTH (FOOT)	INSIDE LENGTH (FOOT)			
			WB	114+15.00	71.2	10.0			
WB	118+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	123+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	128+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	133+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	138+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	148+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	153+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	158+88.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	164+00.00	71.2	10.0	6.0	41.6	38.0	4.0	3.0	4.0
WB	168+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	172+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0

SCHEDULE OF QUANTITIES

PIPE UNDERDRAINS (OUTLETS CONTINUED)

	STATION	REINFORCEMENT BARS 50800105 (POUND)	DRIVING LANE OUTLET	PASSING LANE OUTLET	PIPE UNDERDRAINS, 6" (SPECIAL) 60108200		RODENT SHIELDS X0322278 (EACH)	CLASS SI CONCRETE (MISCELLANEOUS) X0325279 (CU YD)	CONCRETE HEADWALL REMOVAL SPECIAL X5012650 (EACH)
			SHOULDER REMOVAL AND REPLACEMENT 60100070 (FEET)	SHOULDER REMOVAL AND REPLACEMENT 60100070 (FEET)	OUTSIDE LENGTH (FOOT)	INSIDE LENGTH (FOOT)			
WB	180+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	185+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	190+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	195+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	200+75.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	206+20.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	210+00.00	71.2	10.0	6.0	41.6	38.0	4.0	3.0	4.0
WB	214+65.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	217+65.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	225+65.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	230+65.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	235+65.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	240+65.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	245+58.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	250+35.00	35.6		6.0		19.0	1.0	1.5	1.0
WB	250+45.00	35.6	10.0		20.8		1.0	1.5	1.0
WB	255+63.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	259+55.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	266+65.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	272+10.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	277+60.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	282+60.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	288+10.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	293+00.00	71.2	10.0	6.0	41.6	38.0	4.0	3.0	4.0
WB	297+00.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	301+00.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	305+10.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	309+60.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	313+80.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	319+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	324+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	329+60.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	334+00.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	338+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	343+00.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	351+00.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	355+00.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	358+10.00	35.6		6.0		19.0	1.0	1.5	1.0
WB	358+25.00	35.6	10.0		20.8		1.0	1.5	1.0
WB	364+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	369+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	374+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	380+00.00	71.2	10.0	6.0	41.6	38.0	4.0	3.0	4.0
WB	384+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	389+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	394+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	399+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WB	404+50.00	71.2	10.0	6.0	20.8	19.0	2.0	3.0	2.0
WESTBOUND TOTAL		4,129.6	580.0	348.0	1,310.4	1,197.0	126.0	174.0	126.0
WESTBOUND ROUNDED		4,130.0		930.0		2,510.0	130.0	180.0	130.0

SCHEDULE OF QUANTITIES

HOT-MIX ASPHALT (MAINLINE)

STATION	TO	STATION	LENGTH (FOOT)	AVG. WIDTH (FOOT)	AREA (SQ FT)	AREA (SQ YD)	ADDITIONAL	HOT MIX	POLYMERIZED	HOT MIX	BINDER	BINDER	POLY. BINDER	SURFACE	HOT-MIX	POLYMERIZED	POLYMERIZED	HOT-MIX	MATERIAL TRANSFER DEVICE Z0034105 (TON)	
							HOT MIX ASPHALT BINDER COURSE THICKNESS (INCH)	ASPHALT BINDER COURSE THICKNESS (INCH)	HOT MIX ASPHALT BINDER COURSE THICKNESS (INCH)	ASPHALT SURFACE COURSE THICKNESS (INCH)	COURSE	COURSE	COURSE	COURSE	ASPHALT BINDER COURSE, IL-19.0, N90 40603090 (TON)	HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 40603153 (TON)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 40603240 (TON)	ASPHALT SURFACE REMOVAL, VARIABLE DEPTH X4401198 (SQ YD)		
FAI 70 EASTBOUND																				
2771+40.00		2772+59.71	119.71	24.00	2,873.0	319.2		2.25	2.25	2.00		143.7	71.8	71.8	40.2	41.5	40.2	319.2	121.9	
9+02.89		42+59.52	3,356.63	24.00	80,559.1	8,951.0		2.25	2.25	2.00		4,028.0	2,014.0	2,014.0	1,127.8	1,163.6	1,127.8	8,951.0	3,419.3	
42+59.52		80+79.85	3,820.33	24.00	91,687.9	10,187.5		2.25	2.25	2.00		4,584.4	2,292.2	2,292.2	1,283.6	1,324.4	1,283.6	10,187.5	3,891.6	
80+79.85		89+44.00	864.15	24.00	20,739.6	2,304.4		2.25	2.25	2.00		1,037.0	518.5	518.5	290.4	299.6	290.4	2,304.4	880.3	
89+44.00		93+16.00	372.00	24.00	8,928.0	992.0														
93+16.00		195+05.73	10,189.73	24.00	244,553.5	27,172.6		2.25	2.25	2.00		12,227.7	6,113.8	6,113.8	3,423.7	3,532.4	3,423.7	27,172.6	10,379.9	
195+05.73		205+51.15	1,045.42	24.00	25,090.1	2,787.8		2.25	2.25	2.00		1,254.5	627.3	627.3	351.3	362.4	351.3	2,787.8	1,064.9	
205+51.15		249+54.65	4,403.50	24.00	105,684.0	11,742.7		2.25	2.25	2.00		5,284.2	2,642.1	2,642.1	1,479.6	1,526.5	1,479.6	11,742.7	4,485.7	
249+54.65		250+09.37	54.72	24.00	1,313.3	145.9	0.75	2.25	2.25	2.00	65.7	32.8	32.8	32.8	24.5	19.0	18.4	145.9	61.9	
250+09.37		251+71.28	161.91	24.00	3,885.8	431.8														
251+71.28		253+00.00	128.72	24.00	3,089.3	343.3	2.25	2.25	2.25	2.00	154.5	77.2	77.2	77.2	86.5	44.6	43.2	343.3	174.4	
253+00.00		254+32.61	132.61	24.00	3,182.6	353.6	1.13	2.25	2.25	2.00	159.1	79.6	79.6	79.6	66.8	46.0	44.6	353.6	157.4	
254+32.61		259+58.92	526.31	24.00	12,631.4	1,403.5		2.25	2.25	2.00		631.6	315.8	315.8	176.8	182.5	176.8	1,403.5	536.1	
259+58.92		262+15.50	256.58	24.00	6,157.9	684.2														
262+15.50		357+82.00	9,566.50	24.00	229,596.0	25,510.7		2.25	2.25	2.00		11,479.8	5,739.9	5,739.9	3,214.3	3,316.4	3,214.3	25,510.7	9,745.1	
357+82.00		360+23.50	241.50	24.00	5,796.0	644.0														
360+23.50		378+15.29	1,791.79	24.00	43,003.0	4,778.1		2.25	2.25	2.00		2,150.1	1,075.1	1,075.1	602.0	621.2	602.0	4,778.1	1,825.2	
378+15.29		405+48.00	2,732.71	24.00	65,585.0	7,287.2		2.25	2.25	2.00		3,279.3	1,639.6	1,639.6	918.2	947.3	918.2	7,287.2	2,783.7	
405+48.00		410+00.00	452.00	24.00	10,848.0	1,205.3														
FAI 70 WESTBOUND																				
108+45.00		195+05.73	8,660.73	24.00	207,857.5	23,095.3		2.25	2.25	2.00		10,392.9	5,196.4	5,196.4	2,910.0	3,002.4	2,910.0	23,095.3	8,822.4	
195+05.73		205+51.15	1,045.42	24.00	25,090.1	2,787.8		2.25	2.25	2.00		1,254.5	627.3	627.3	351.3	362.4	351.3	2,787.8	1,064.9	
205+51.15		250+00.00	4,448.85	24.00	106,772.4	11,863.6		2.25	2.25	2.00		5,338.6	2,669.3	2,669.3	1,494.8	1,542.3	1,494.8	11,863.6	4,531.9	
250+00.00		250+46.87	46.87	24.00	1,124.9	125.0	1.13	2.25	2.25	2.00	56.2	28.1	28.1	28.1	23.6	16.2	15.7	125.0	55.6	
250+46.87		252+08.78	161.91	24.00	3,885.8	431.8														
252+08.78		253+00.00	91.22	24.00	2,189.3	243.3	4.00	3.50	2.25	2.00	109.5	54.7	54.7	54.7	102.2	31.6	30.6	243.3	164.4	
253+00.00		257+83.00	483.00	24.00	11,592.0	1,288.0	2.00	2.88	2.25	2.00	579.6	289.8	289.8	289.8	351.6	167.4	162.3	1,288.0	681.4	
257+83.00		259+58.92	175.92	24.00	4,222.1	469.1		2.25	2.25	2.00		211.1	105.6	105.6	59.1	61.0	59.1	469.1	179.2	
259+58.92		262+15.50	256.58	24.00	6,157.9	684.2														
262+15.50		358+25.83	9,610.33	24.00	230,647.9	25,627.5		2.25	2.25	2.00		11,532.4	5,766.2	5,766.2	3,229.1	3,331.6	3,229.1	25,627.5	9,789.7	
358+25.83		360+67.33	241.50	24.00	5,796.0	644.0														
360+67.33		378+15.29	1,747.96	24.00	41,951.0	4,661.2		2.25	2.25	2.00		2,097.6	1,048.8	1,048.8	587.3	606.0	587.3	4,661.2	1,780.6	
378+15.29		408+06.44	2,991.15	24.00	71,787.6	7,976.4		2.25	2.25	2.00		3,589.4	1,794.7	1,794.7	1,005.0	1,036.9	1,005.0	7,976.4	3,047.0	
408+06.44		410+00.00	193.56	24.00	4,645.4	516.2		2.25	2.25	2.00		232.3	116.1	116.1	65.0	67.1	65.0	516.2	197.2	
SUB TOTAL =											1,124.6	81,311.1	40,936.7	40,936.7						
GRAND TOTAL =											164,309.1			23,264.9	23,652.3	22,924.6	181,940.9	69,841.8		

- - PAVING OMISSION FOR CLASS A PATCH
- - PAVING OMISSION FOR STRUCTURE

SCHEDULE OF QUANTITIES

HOT-MIX ASPHALT (SHOULDERS)

DL/PL	STATION	TO	STATION	WIDTH (FOOT)	LENGTH (FOOT)	AREA (SQ FT)	AREA (SQ YD)	1ST LIFT	2ND LIFT	HOT-MIX ASPHALT SURFACE REMOVAL, 10" (SQ YD)	HOT-MIX ASPHALT SHOULDERS, 8" (SQ YD)	HOT-MIX ASPHALT SHOULDERS, 10" (SQ YD)
								BITUMINOUS MATERIALS (TACK COAT) 40600290 (POUND)				
FAI 70 EASTBOUND SHOULDERS												
DL	2771+40.00		2772+59.71	6.00	119.71	718.3	79.8	35.9	18.0	79.8		79.8
DL	9+02.89		42+59.52	6.00	3,356.63	20,139.8	2,237.8	1,007.0	503.5	2,237.8		2,237.8
DL	42+59.52		80+79.85	6.00	3,820.33	22,922.0	2,546.9	1,146.1	573.0	2,546.9		2,546.9
DL	80+79.85		89+44.00	6.00	864.15	5,184.9	576.1	259.2	129.6	576.1		576.1
DL	89+44.00		93+16.00	6.00	372.00	2,232.0	248.0					
DL	93+16.00		97+29.29	6.00	413.29	2,479.7	275.5	124.0	62.0	275.5		275.5
DL	97+29.29		195+05.73	6.00	9,776.44	58,658.6	6,517.6	2,932.9	1,466.5	6,517.6		6,517.6
DL	195+05.73		205+51.15	6.00	1,045.42	6,272.5	696.9	313.6	156.8	696.9		696.9
DL	205+51.15		250+02.59	6.00	4,451.44	26,708.6	2,967.6	1,335.4	667.7	2,967.6		2,967.6
DL	251+64.50		259+58.92	6.00	794.42	4,766.5	529.6	238.3	119.2	529.6		529.6
DL	262+15.50		357+74.07	6.00	9,558.57	57,351.4	6,372.4	2,867.6	1,433.8	6,372.4		6,372.4
DL	360+15.11		378+15.29	6.00	1,800.18	10,801.1	1,200.1	540.1	270.0	1,200.1		1,200.1
DL	378+15.29		405+48.00	6.00	2,732.71	16,396.3	1,821.8	819.8	409.9	1,821.8		1,821.8
DL	405+48.00		410+00.00	6.00	452.00	2,712.0	301.3					
PL	2771+40.00		2772+59.71	6.00	119.71	718.3	79.8	35.9	18.0	79.8	79.8	
PL	9+02.89		42+59.52	6.00	3,356.63	20,139.8	2,237.8	1,007.0	503.5	2,237.8	2,237.8	
PL	42+59.52		80+79.85	6.00	3,820.33	22,922.0	2,546.9	1,146.1	573.0	2,546.9	2,546.9	
PL	80+79.85		89+44.00	6.00	864.15	5,184.9	576.1	259.2	129.6	576.1	576.1	
PL	89+44.00		93+16.00	6.00	372.00	2,232.0	248.0					
PL	93+16.00		97+29.29	6.00	413.29	2,479.7	275.5	124.0	62.0	275.5	275.5	
PL	97+29.29		195+05.73	6.00	9,776.44	58,658.6	6,517.6	2,932.9	1,466.5	6,517.6	6,517.6	
PL	195+05.73		205+51.15	6.00	1,045.42	6,272.5	696.9	313.6	156.8	696.9	696.9	
PL	205+51.15		250+15.35	6.00	4,464.20	26,785.2	2,976.1	1,339.3	669.6	2,976.1	2,976.1	
PL	251+77.26		259+58.92	6.00	781.66	4,690.0	521.1	234.5	117.2	521.1	521.1	
PL	262+15.50		357+89.05	6.00	9,573.55	57,441.3	6,382.4	2,872.1	1,436.0	6,382.4	6,382.4	
PL	360+30.49		378+15.29	6.00	1,784.80	10,708.8	1,189.9	535.4	267.7	1,189.9	1,189.9	
PL	378+15.29		405+48.00	6.00	2,732.71	16,396.3	1,821.8	819.8	409.9	1,821.8	1,821.8	
PL	405+48.00		410+00.00	6.00	452.00	2,712.0	301.3					
FAI 70 WESTBOUND SHOULDERS												
DL	108+45.00		195+05.73	6.00	8,660.73	51,964.4	5,773.8	2,598.2	1,299.1	5,773.8		5,773.8
DL	195+05.73		205+51.15	6.00	1,045.42	6,272.5	696.9	313.6	156.8	696.9		696.9
DL	205+51.15		250+53.65	6.00	4,502.50	27,015.0	3,001.7	1,350.8	675.4	3,001.7		3,001.7
DL	252+15.56		259+58.92	6.00	743.36	4,460.2	495.6	223.0	111.5	495.6		495.6
DL	262+15.50		358+33.76	6.00	9,618.26	57,709.6	6,412.2	2,885.5	1,442.7	6,412.2		6,412.2
DL	360+75.26		378+15.29	6.00	1,740.03	10,440.2	1,160.0	522.0	261.0	1,160.0		1,160.0
DL	378+15.29		410+00.00	6.00	3,184.71	19,108.3	2,123.1	955.4	477.7	2,123.1		2,123.1
PL	108+45.00		195+05.73	6.00	8,660.73	51,964.4	5,773.8	2,598.2	1,299.1	5,773.8	5,773.8	
PL	195+05.73		205+51.15	6.00	1,045.42	6,272.5	696.9	313.6	156.8	696.9	696.9	
PL	205+51.15		250+40.88	6.00	4,489.73	26,938.4	2,993.2	1,346.9	673.5	2,993.2	2,993.2	
PL	252+02.80		259+58.92	6.00	756.12	4,536.7	504.1	226.8	113.4	504.1	504.1	
PL	262+15.50		358+18.84	6.00	9,603.34	57,620.0	6,402.2	2,881.0	1,440.5	6,402.2	6,402.2	
PL	360+66.34		378+15.29	6.00	1,748.95	10,493.7	1,166.0	524.7	262.3	1,166.0	1,166.0	
PL	378+15.29		410+00.00	6.00	3,184.71	19,108.3	2,123.1	955.4	477.7	2,123.1	2,123.1	
EASTBOUND TOTAL =								23,239.9	11,619.9	51,644.1	25,821.9	25,822.2
WESTBOUND TOTAL =								17,695.2	8,847.6	39,322.7	19,659.3	19,663.3
GRAND TOTAL =								61,402.6		90,966.8	45,481.3	45,485.5

SCHEDULE OF QUANTITIES

HOT-MIX ASPHALT (SHOULDERS)

DL/PL	STATION	TO	STATION	PAVED SHOULDER WIDTH (FOOT)	AGG SHOULDER WIDTH (FOOT)	LENGTH (FOOT)	AREA (SQ FT)	AREA (SQ YD)	BITUMINOUS MATERIALS (TACK COAT) 40600290 (POUND)	HOT-MIX ASPHALT SURFACE REMOVAL, 2" 44000157 (SQ YD)	HOT-MIX ASPHALT SHOULDERS, 2" 48203005 (SQ YD)	SHOULDER RUMBLE STRIPS, 16 INCH 64200116 (FOOT)
FAI TO EASTBOUND SHOULDERS												
DL	2771+40.00		2772+59.71	10.00	2.00	119.71	1,197.1	133.0	59.9	133.0	133.0	119.7
DL	9+02.89		42+59.52	10.00	2.00	3,356.63	33,566.3	3,729.6	1,678.3	3,729.6	3,729.6	3,356.6
DL	42+59.52		80+79.85	10.00	2.00	3,820.33	38,203.3	4,244.8	1,910.2	4,244.8	4,244.8	3,820.3
DL	80+79.85		89+44.00	10.00	2.00	864.15	8,641.5	960.2	432.1	960.2	960.2	864.2
DL	89+44.00		93+16.00	10.00	2.00	372.00	3,720.0	413.3				372.0
DL	93+16.00		97+29.29	10.00	2.00	413.29	4,132.9	459.2	206.6	459.2	459.2	413.3
DL	97+29.29		195+05.73	10.00	2.00	9,776.44	97,764.4	10,862.7	4,888.2	10,862.7	10,862.7	9,776.4
DL	195+05.73		205+51.15	10.00	2.00	1,045.42	10,454.2	1,161.6	522.7	1,161.6	1,161.6	1,045.4
DL	205+51.15		250+02.59	10.00	2.00	4,451.44	44,514.4	4,946.0	2,225.7	4,946.0	4,946.0	4,451.4
DL	251+64.50		259+58.92	10.00	2.00	794.42	7,944.2	882.7	397.2	882.7	882.7	794.4
DL	262+15.50		264+93.50	10.00	2.00	278.00	2,780.0	308.9	139.0	308.9	308.9	278.0
DL	264+93.50		270+93.50	12.00	2.00	600.00	7,200.0	800.0	360.0	800.0	800.0	600.0
DL	270+93.50		286+12.00	10.00	2.00	1,518.50	15,185.0	1,687.2	759.3	1,687.2	1,687.2	1,518.5
DL	286+12.00		301+42.00	12.00	2.00	1,530.00	18,360.0	2,040.0	918.0	2,040.0	2,040.0	1,530.0
DL	301+42.00		314+04.93	10.00	2.00	1,262.93	12,629.3	1,403.3	631.5	1,403.3	1,403.3	1,262.9
DL	314+04.93		319+28.93	12.00	2.00	524.00	6,288.0	698.7	314.4	698.7	698.7	524.0
DL	319+28.93		323+48.93	10.00	2.00	420.00	4,200.0	466.7	210.0	466.7	466.7	420.0
DL	323+48.93		347+80.93	12.00	2.00	2,432.00	29,184.0	3,242.7	1,459.2	3,242.7	3,242.7	2,432.0
DL	347+80.93		350+48.93	10.00	2.00	268.00	2,680.0	297.8	134.0	297.8	297.8	268.0
DL	350+48.93		352+76.94	12.00	2.00	228.01	2,736.1	304.0	136.8	304.0	304.0	228.0
DL	352+76.94		357+74.07	10.00	2.00	497.13	4,971.3	552.4	248.6	552.4	552.4	497.1
DL	360+15.11		362+81.45	12.00	2.00	266.34	3,196.1	355.1	159.8	355.1	355.1	266.3
DL	362+81.45		378+15.29	10.00	2.00	1,533.84	15,338.4	1,704.3	766.9	1,704.3	1,704.3	1,533.8
DL	378+15.29		405+48.00	10.00	2.00	2,732.71	27,327.1	3,036.3	1,366.4	3,036.3	3,036.3	2,732.7
DL	405+48.00		410+00.00	10.00	2.00	452.00	4,520.0	502.2				452.0
PL	2771+40.00		2772+59.71	6.00	2.00	119.71	718.3	79.8	18.0		79.8	119.7
PL	9+02.89		42+59.52	6.00	2.00	3,356.63	20,139.8	2,237.8	503.5		2,237.8	3,356.6
PL	42+59.52		80+79.85	6.00	2.00	3,820.33	22,922.0	2,546.9	573.0		2,546.9	3,820.3
PL	80+79.85		89+44.00	6.00	2.00	864.15	5,184.9	576.1	129.6		576.1	864.2
PL	89+44.00		93+16.00	6.00	2.00	372.00	2,232.0	248.0				372.0
PL	93+16.00		97+29.29	6.00	2.00	413.29	2,479.7	275.5	62.0		275.5	413.3
PL	97+29.29		195+05.73	6.00	2.00	9,776.44	58,658.6	6,517.6	1,466.5		6,517.6	9,776.4
PL	195+05.73		205+51.15	6.00	2.00	1,045.42	6,272.5	696.9	156.8		696.9	1,045.4
PL	205+51.15		250+02.59	6.00	2.00	4,464.20	26,785.2	2,976.1	669.6		2,976.1	4,464.2
PL	251+64.50		259+58.92	6.00	2.00	781.66	4,690.0	521.1	117.2		521.1	781.7
PL	262+15.50		357+89.05	6.00	2.00	9,573.55	57,441.3	6,382.4	1,436.0		6,382.4	9,573.6
PL	360+30.49		378+15.29	6.00	2.00	1,784.80	10,708.8	1,189.9	267.7		1,189.9	1,784.8
PL	378+15.29		405+48.00	6.00	2.00	2,732.71	16,396.3	1,821.8	409.9		1,821.8	2,732.7
PL	405+48.00		410+00.00	6.00	2.00	452.00	2,712.0	301.3				452.0
FAI TO WESTBOUND SHOULDERS												
DL	108+45.00		195+05.73	10.00	2.00	8,660.73	86,607.3	9,623.0	4,330.4	9,623.0	9,623.0	8,660.7
DL	195+05.73		205+51.15	10.00	2.00	1,045.42	10,454.2	1,161.6	522.7	1,161.6	1,161.6	1,045.4
DL	205+51.15		250+53.65	10.00	2.00	4,502.50	45,025.0	5,002.8	2,251.3	5,002.8	5,002.8	4,502.5
DL	252+15.56		259+58.92	10.00	2.00	743.36	7,433.6	826.0	371.7	826.0	826.0	743.4
DL	262+15.50		358+33.76	10.00	2.00	9,618.26	96,182.6	10,687.0	4,809.1	10,687.0	10,687.0	9,618.3
DL	360+75.26		378+15.29	10.00	2.00	1,740.03	17,400.3	1,933.4	870.0	1,933.4	1,933.4	1,740.0
DL	378+15.29		408+06.44	10.00	2.00	2,991.15	29,911.5	3,323.5	1,495.6	3,323.5	3,323.5	2,991.2
DL	408+06.44		410+00.00	12.00	2.00	193.56	2,322.7	258.1	116.1	258.1	258.1	193.6
PL	108+45.00		195+05.73	6.00	2.00	8,660.73	51,964.4	5,773.8	1,299.1		5,773.8	8,660.7
PL	195+05.73		205+51.15	6.00	2.00	1,045.42	6,272.5	696.9	156.8		696.9	1,045.4
PL	205+51.15		250+40.88	6.00	2.00	4,489.73	26,938.4	2,993.2	673.5		2,993.2	4,489.7
PL	252+02.80		259+58.92	6.00	2.00	756.12	4,536.7	504.1	113.4		504.1	756.1
PL	262+15.50		358+18.84	6.00	2.00	9,603.34	57,620.0	6,402.2	1,440.5		6,402.2	9,603.3
PL	360+66.34		378+15.29	6.00	2.00	1,748.95	10,493.7	1,166.0	262.3		1,166.0	1,749.0
PL	378+15.29		410+00.00	6.00	2.00	3,184.71	19,108.3	2,123.1	477.7		2,123.1	3,184.7
EASTBOUND TOTAL =									25,734.6	44,277.1	70,099.0	79,114.2
WESTBOUND TOTAL =									19,190.2	32,815.2	52,474.6	58,984.0
GRAND TOTAL =									44,924.8	77,092.3	122,573.6	138,098.2

SCHEDULE OF QUANTITIES

HOT-MIX ASPHALT (INCIDENTAL)

STATION	LENGTH	AVG. WIDTH	AREA (SQ FT)	AREA (SQ YD)	INCIDENTAL HOT-MIX ASPHALT THICKNESS (INCH)	BITUMINOUS MATERIALS (TACK COAT) 40800029 (POUND)	INCIDENTAL HOT-MIX ASPHALT SURFACING 40800050 (TON)	HOT-MIX ASPHALT SURFACE REMOVAL, 2" 44000157 (SQ YD)
FAI 70 MEDIAN CROSSOVERS								
• 31+86.52	---	---	1,733.1	192.6	2.0	86.7	23.1	192.6
• 242+00.00	---	---	1,734.2	192.7	2.0	86.7	23.1	192.7
• 376+46.97	---	---	1,729.7	192.2	2.0	86.5	23.1	192.2
CROSSOVERS SUBTOTAL =						259.9	69.3	577.5

• - DENOTES AREA WAS MEASURED IN CADD

HOT-MIX ASPHALT SUMMARY

LOCATION	BITUMINOUS MATERIALS (TACK COAT) 40600290 (POUND)	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 40603090 (TON)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, STONE MATRIX ASPHALT, N80 40603153 (TON)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N90 40603240 (TON)	BITUMINOUS MATERIALS (TACK COAT) 40800029 (POUND)	INCIDENTAL HOT-MIX ASPHALT SURFACING 40800050 (TON)	HOT-MIX ASPHALT SURFACE REMOVAL, 2" 44000157 (SQ YD)	HOT-MIX ASPHALT SURFACE REMOVAL, 10" 44000189 (SQ YD)	HOT-MIX ASPHALT SHOULDERS, 2" 48203005 (SQ YD)	HOT-MIX ASPHALT SHOULDERS, 8" 48203029 (SQ YD)	HOT-MIX ASPHALT SHOULDERS, 10" 48203037 (SQ YD)	SHOULDER RUMBLE STRIPS, 16 INCH 64200116 (FOOT)	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH X4401198 (SQ YD)	MATERIAL TRANSFER DEVICE Z0034105 (TON)
FAI 70 MAINLINE	164,309.1	23,264.9	23,652.3	22,924.6									181,940.9	69,841.8
FAI 70 SHOULDERS	106,327.4						77,092.3	90,966.8	122,573.6	45,481.3	45,485.5	138,098.2		
FAI 70 CROSSOVERS					259.9	69.3	577.5							
TOTAL =	270,636.5	23,264.9	23,652.3	22,924.6	259.9	69.3	77,669.8	90,966.8	122,573.6	45,481.3	45,485.5	138,098.2	181,940.9	69,841.8
ROUND TO:	270,640.0	23,270.0	23,660.0	22,930.0	260.0	70.0	77,670.0	90,970.0	122,580.0	45,490.0	45,490.0	138,100.0	181,950.0	69,860.0

SCHEDULE OF QUANTITIES

GUARDRAIL

STATION	OFFSET	TO	STATION	OFFSET	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS 63000001 (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 2 63100045 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6 63100085 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6B 63100089 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT 63100167 (EACH)	GUARDRAIL REMOVAL 63200310 (FOOT)	TERMINAL MARKER - DIRECT APPLIED 72501000 (EACH)	GUARDRAIL REFLECTORS, TYPE A 78200005 (EACH)
I-70 EASTBOUND												
88+32.04	70.00' RT.		88+82.65	69.00' RT.					1.0		1.0	4.0
88+82.65	69.00' RT.		90+72.43	69.00' RT.	187.5							
90+72.43	69.00' RT.		91+19.88	69.31' RT.			1.0					
87+80.32	69.00' RT.		91+02.29	69.00' RT.					325.0			
256+82.29	28.00' RT.		257+32.28	29.00' RT.					1.0		1.0	4.0
257+32.28	29.00' RT.		259+32.27	29.72' RT.	200.0							
259+32.27	29.72' RT.		259+76.02	30.03' RT.			1.0					
258+11.42	29.00' RT.		259+77.42	30.00' RT.					166.0			
257+19.88	69.00' RT.		257+69.87	68.00' RT.					1.0		1.0	4.0
257+69.87	68.00' RT.		259+32.37	68.00' RT.	162.5							
259+32.37	68.00' RT.		259+76.12	67.83' RT.			1.0					
256+27.42	68.00' RT.		259+77.42	68.00' RT.					350.0			
286+42.02	72.00' RT.		286+92.01	71.00' RT.					1.0		1.0	7.0
286+92.01	71.00' RT.		300+79.51	71.00' RT.	1,387.5							
300+79.51	71.00' RT.		300+92.01	72.00' RT.		1.0						
286+44.00	71.00' RT.		300+92.00	71.00' RT.					1,448.0			
350+43.04	71.47' RT.		350.93.02	70.16' RT.					1.0		1.0	4.0
350.93.02	70.16' RT.		352+43.01	69.00' RT.	150.0							
352+43.01	69.00' RT.		352+89.89	69.00' RT.			1.0					
349+58.93	71.00' RT.		352+77.39	69.00' RT.					319.0			
355+14.22	28.00' RT.		355+64.21	29.00' RT.					1.0		1.0	4.0
355+64.21	29.00' RT.		357+64.21	29.00' RT.	200.0							
357+64.21	29.00' RT.		358+07.96	29.17' RT.			1.0					
354+85.77	29.00' RT.		358+09.36	29.00' RT.					324.0			
355+32.14	70.00' RT.		355+82.13	69.00' RT.					1.0		1.0	4.0
355+82.13	69.00' RT.		357+44.63	69.00' RT.	162.5							
357+44.63	69.00' RT.		357+88.38	68.83' RT.			1.0					
354+39.77	69.00' RT.		357+89.77	69.00' RT.					350.0			
405+04.45	70.00' RT.		405+54.44	69.00' RT.					1.0		1.0	4.0
405+54.44	69.00' RT.		407+16.94	69.00' RT.	162.5							
407+16.94	69.00' RT.		407+63.81	69.00' RT.			1.0					
403+94.49	69.00' RT.		407+70.49	69.00' RT.					376.0			
TOTAL EASTBOUND =					2,612.5	1.0	4.0	3.0	8.0	3,658.0	8.0	35.0

SCHEDULE OF QUANTITIES

GUARDRAIL (CONTINUED)

STATION	OFFSET	TO	STATION	OFFSET	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS 63000001 (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 2 63100045 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6 63100085 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6B 63100089 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT 63100167 (EACH)	GUARDRAIL REMOVAL 63200310 (FOOT)	TERMINAL MARKER - DIRECT APPLIED 72501000 (EACH)	GUARDRAIL REFLECTORS, TYPE A 78200005 (EACH)	
I-70 WESTBOUND													
91+50.15	69.37' LT.		91+96.46	69.00' LT.				1.0				4.0	
91+96.46	69.00' LT.		92+33.52	69.00' LT.	137.5								
92+33.52	69.00' LT.		93+32.33	70.00' LT.				1.0		1.0			
91+60.57	69.00' LT.		94+81.70	69.00' LT.						325.0			
261+98.40	30.16' LT.		262+42.15	30.16' LT.				1.0				4.0	
262+42.15	30.16' LT.		264+67.14	30.16' LT.	225.0								
264+67.14	30.16' LT.		265+17.14	29.16' LT.				1.0		1.0			
261+97.00	30.00' LT.		263+54.00	CL						162.0			
261+98.40	67.83' LT.		262+42.15	68.13' LT.				1.0				4.0	
262+42.15	68.13' LT.		264+04.65	68.59' LT.	162.5								
264+04.65	68.59' LT.		264+54.63	69.74' LT.				1.0		1.0			
261+97.00	68.00' LT.		265+47.00	69.00' LT.						350.0			
286+36.46	70.00' LT.		286+48.96	69.00' LT.		1.0						7.0	
286+48.96	69.00' LT.		300+73.96	69.00' LT.	1,425.0								
300+73.96	69.00' LT.		301+23.95	70.00' LT.				1.0		1.0			
286+36.47	69.00' RT.		301+22.47	69.00' LT.						1,486.0			
352+70.11	69.00' LT.		353+16.99	69.00' LT.				1.0				4.0	
353+16.99	69.00' LT.		354+79.49	69.00' LT.	162.5								
354+79.49	69.00' LT.		355+29.48	70.00' LT.				1.0		1.0			
352+83.07	69.00' LT.		356+01.07	69.00' LT.						318.0			
360+41.37	29.17' LT.		360+85.13	29.00' LT.			1.0					4.0	
360+85.13	29.00' LT.		362+85.47	29.00' LT.	200.0								
362+85.47	29.00' LT.		363+35.54	28.00' LT.				1.0		1.0			
360+39.97	29.00' LT.		364+10.90	29.00' LT.						371.0			
360+60.95	68.83' LT.		361+04.82	69.00' LT.			1.0					4.0	
361+04.82	69.00' LT.		362+67.98	69.00' LT.	162.5								
362+67.98	69.00' LT.		363+18.18	70.04' LT.				1.0		1.0			
360+59.55	69.00' LT.		364+10.93	69.00' LT.						350.0			
407+16.12	69.24' LT.		407+76.12	69.24' LT.						60.0			
407+93.62	69.24' LT.		408+40.49	69.24' LT.				1.0				4.0	
408+40.49	69.24' LT.		409+77.98	70.07' LT.	137.5								
408+90.48	70.07' LT.		410+27.96	71.58' LT.				1.0		1.0			
408+06.12	69.24' LT.		411+31.09	72.47' LT.						325.0			
					TOTAL WESTBOUND =	2,612.5	1.0	2.0	5.0	8.0	3,747.0	8.0	35.0
					TOTAL I-70 =	5,225.0	2.0	6.0	8.0	16.0	7,405.0	16.0	70.0

SCHEDULE OF QUANTITIES

GUARDRAIL (CONTINUED)

STATION	OFFSET	TO	STATION	OFFSET	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS 63000001 (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 2 63100045 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT 63100167 (EACH)	GUARDRAIL REMOVAL 63200310 (FOOT)	TERMINAL MARKER - DIRECT APPLIED 72501000 (EACH)	TERMINAL MARKER - POST MOUNTED 72501100 (EACH)	GUARDRAIL REFLECTORS, TYPE A 78200005 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6 (SPECIAL) X6310214 (EACH)	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS) X6330725 (FOOT)
CO. RD. 1225 N. NORTHBOUND													
718+26.25	32.71' RT.		---	---						1.0			
718+26.75	35.27' RT.		718+33.10	24.61' RT.		1.0					4.0		25.0
718+33.10	24.61' RT.		718+55.38	14.95' RT.								1.0	
718+55.38	24.61' RT.		719+01.00	13.25' RT.									
718+29.06	30.14' RT.		718+98.50	13.25' RT.			75.0						
721+52.00	13.25' RT.		721+97.65	13.25' RT.							4.0	1.0	
721+97.65	13.25' RT.		722+47.65	13.25' RT.	50.0								
722+47.65	13.25' RT.		722+99.10	14.25' RT.			1.0	1.0					
721+54.50	13.25' RT.		722+90.76	30.46' RT.			42.0						
CO. RD. 1225 N. SOUTHBOUND													
717+63.42	14.62' LT.		718+14.35	13.25' LT.			1.0	1.0			4.0		
718+14.35	13.25' LT.		718+51.85	13.25' LT.	37.5							1.0	
718+51.85	13.25' LT.		718+97.50	13.25' LT.									
718+68.21	15.93' LT.		718+95.00	13.25' LT.			27.0						
721+48.50	13.25' LT.		721+94.15	13.25' LT.							4.0	1.0	
721+94.15	13.25' LT.		722+13.65	13.25' LT.	37.5								
722+13.65	13.25' LT.		722+80.70	14.25' LT.			1.0	1.0					
721+51.00	13.25' LT.		721+98.96	31.18' LT.			53.0						
TOTAL CO. RD. 1225 N.					125.0	1.0	3.0	197.0	3.0	1.0	16.0	4.0	25.0

GUARDRAIL SUMMARY

LOCATION	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS 63000001 (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 2 63100045 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6 63100085 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6B 63100089 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT 63100167 (EACH)	GUARDRAIL REMOVAL 63200310 (FOOT)	TERMINAL MARKER - DIRECT APPLIED 72501000 (EACH)	TERMINAL MARKER - POST MOUNTED 72501100 (EACH)	GUARDRAIL REFLECTORS, TYPE A 78200005 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6 (SPECIAL) X6310214 (EACH)	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS) X6330725 (FOOT)
I-70	5,225.0	2.0	6.0	8.0	16.0	7,405.0	16.0	70.0	70.0	4.0	25.0
CO. RD. 1225 N.	125.0	1.0			3.0	197.0	3.0	1.0	16.0	4.0	25.0
GRAND TOTAL =	5,350.0	3.0	6.0	8.0	19.0	7,602.0	19.0	1.0	86.0	4.0	25.0
ROUND TO:	5,350.0	3.0	6.0	8.0	19.0	7,610.0	19.0	1.0	90.0	4.0	25.0

SCHEDULE OF QUANTITIES

PAVEMENT MARKING

STATION	TO	STATION	STRIPE WIDTH (INCH)	LENGTH (FOOT)	DRIVING LANE SHOULDER	PASSING LANE SHOULDER	CL	SHORT TERM PAVEMENT MARKING REMOVAL 70300150 (SQ FT)	DRIVING LANE	PASSING LANE	CL	DRIVING LANE	PASSING LANE	CL	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6" (FOOT)	RAISED REFLECTIVE PAVEMENT MARKER (BRIDGE) 78100105 (EACH)	RAISED REFLECTIVE PAVEMENT MARKER (EACH)	EXISTING STRIPING	TEMPORARY PAVEMENT MARKING - 6"			DRIVING LANE	PASSING LANE	CL	GROOVING FOR RECESSED PAVEMENT MARKINGS 7" X7830074 (FOOT)	
					70300100 (FOOT)	70300240 (FOOT)	78000400 (FOOT)		78003130 (FOOT)	78004230 (FOOT)	78100100 (EACH)	78100105 (EACH)	DRIVING LANE	PASSING LANE					CL	DRIVING LANE	PASSING LANE					CL
FAI 70 EASTBOUND																										
2771+40.00		2772+59.71	6.0	119.7	4.8	4.8	12.0	7.2	119.7	119.7	29.9	119.7	119.7		29.9	3.0				59.9	59.9	15.0	119.7	119.7		
9+02.89		42+59.52	6.0	3,356.6	134.3	134.3	336.0	201.5	3,356.6	3,356.6	839.2	3,356.6	3,356.6		839.2	84.0				1,678.3	1,678.3	419.6	3,356.6	3,356.6		
42+59.52		80+79.85	6.0	3,820.3	152.8	152.8	383.0	229.5	3,820.3	3,820.3	955.1	3,820.3	3,820.3		955.1	96.0				1,910.2	1,910.2	477.5	3,820.3	3,820.3		
80+79.85		89+44.00	6.0	864.2	34.6	34.6	87.0	52.1	864.2	864.2	216.0	864.2	864.2		216.0	22.0				432.1	432.1	108.0	864.2	864.2		
89+44.00		93+16.00	6.0	372.0	14.9	14.9	38.0	22.6	372.0	372.0	93.0			372.0	372.0	93.0		8.0		186.0	186.0	46.5	372.0	372.0	93.0	
93+16.00		195+05.73	6.0	10,189.7	407.6	407.6	1,019.0	611.4	10,189.7	10,189.7	2,547.4	10,189.7	10,189.7		2,547.4	255.0				5,094.9	5,094.9	1,273.7	10,189.7	10,189.7		
195+05.73		205+51.15	6.0	1,045.4	41.8	41.8	105.0	62.9	1,045.4	1,045.4	261.4	1,045.4	1,045.4		261.4	27.0				522.7	522.7	130.7	1,045.4	1,045.4		
205+51.15		250+09.37	6.0	4,458.2	178.3	178.3	446.0	267.5	4,458.2	4,458.2	1,114.6	4,453.4	4,463.0		1,114.6	112.0				2,229.1	2,229.1	557.3	4,453.4	4,463.0		
250+09.37		251+71.28	6.0	161.9	6.3	6.7	17.0	10.0	161.9	161.9	40.5			161.9	161.9	40.5		4.0	121.5	81.0	81.0	20.2	161.9	161.9	40.5	
251+71.28		259+58.92	6.0	787.6	31.7	31.3	79.0	47.3	787.6	787.6	196.9	792.4	782.8		196.9	20.0				393.8	393.8	98.5	792.4	782.8		
259+58.92		262+15.50	6.0	256.6	10.3	10.3	26.0	15.5	256.6	256.6	64.1			256.6	256.6	64.1		6.0	192.4	128.3	128.3	32.1	256.6	256.6	64.1	
262+15.50		357+82.00	6.0	9,566.5	382.7	382.7	957.0	574.1	9,566.5	9,566.5	2,391.6	9,560.9	9,572.1		2,391.6	240.0				4,783.3	4,783.3	1,195.8	9,560.9	9,572.1		
357+82.00		360+23.50	6.0	241.5	9.4	9.7	25.0	14.7	241.5	241.5	60.4			241.5	241.5	60.4		6.0	181.1	120.8	120.8	30.2	241.5	241.5	60.4	
360+23.50		378+15.29	6.0	1,791.8	71.9	71.7	180.0	107.9	1,791.8	1,791.8	447.9	1,797.4	1,786.2		447.9	45.0				895.9	895.9	224.0	1,797.4	1,786.2		
378+15.29		405+48.00	6.0	2,732.7	109.3	109.3	274.0	164.2	2,732.7	2,732.7	683.2	2,732.7	2,732.7		683.2	69.0				1,366.4	1,366.4	341.6	2,732.7	2,732.7		
405+48.00		410+00.00	6.0	452.0	18.1	18.1	46.0	27.4	452.0	452.0	113.0			452.0	452.0	113.0		10.0		226.0	226.0	56.5	452.0	452.0	113.0	
FAI 70 WESTBOUND																										
108+45.00		195+05.73	6.0	8,660.7	346.4	346.4	867.0	520.0	8,660.7	8,660.7	2,165.2	8,660.7	8,660.7		2,165.2	217.0				4,330.4	4,330.4	1,082.6	8,660.7	8,660.7		
195+05.73		205+51.15	6.0	1,045.4	41.8	41.8	105.0	62.9	1,045.4	1,045.4	261.4	1,045.4	1,045.4		261.4	27.0				522.7	522.7	130.7	1,045.4	1,045.4		
205+51.15		250+46.87	6.0	4,495.7	180.0	179.6	450.0	269.9	4,495.7	4,495.7	1,123.9	4,500.5	4,490.9		1,123.9	113.0				2,247.9	2,247.9	562.0	4,500.5	4,490.9		
250+46.87		252+08.78	6.0	161.9	6.5	6.5	17.0	10.0	161.9	161.9	40.5			161.9	161.9	40.5		4.0	121.5	81.0	81.0	20.3	161.9	161.9	40.5	
252+08.78		259+58.92	6.0	750.1	29.8	29.8	76.0	45.2	750.1	750.1	187.5	745.3	754.9		187.5	19.0				375.1	375.1	93.8	745.3	754.9		
259+58.92		262+15.50	6.0	256.6	10.3	10.3	26.0	15.5	256.6	256.6	64.1			256.6	256.6	64.2		6.0	192.4	128.3	128.3	32.1	256.6	256.6	64.2	
262+15.50		358+25.83	6.0	9,610.3	384.6	384.4	962.0	577.0	9,610.3	9,610.3	2,402.6	9,615.9	9,604.7		2,402.6	241.0				4,805.2	4,805.2	1,201.3	9,615.9	9,604.7		
358+25.83		360+67.33	6.0	241.5	9.7	9.7	1,025.0	348.1	241.5	241.5	2,560.4			241.5	241.5	60.4		6.0	181.1	120.8	120.8	1,280.2	241.5	241.5	60.4	
360+67.33		378+15.29	6.0	1,748.0	69.7	70.1	175.0	104.9	1,748.0	1,748.0	437.0	1,742.4	1,753.6		437.0	44.0				874.0	874.0	218.5	1,742.4	1,753.6		
378+15.29		408+06.44	6.0	2,991.2	119.6	119.6	300.0	179.8	2,991.2	2,991.2	747.8	2,991.2	2,991.2		747.8	75.0				1,495.6	1,495.6	373.9	2,991.2	2,991.2		
408+06.44		410+00.00	6.0	193.6	7.7	7.7	20.0	11.8	193.6	193.6	48.4	193.6	193.6		48.4	5.0				96.8	96.8	24.2	193.6	193.6		
SUB TOTAL =					2,815.0	2,814.9	8,053.0		70,371.8	70,371.8	20,092.9	68,227.8	68,227.8	2,144.0	2,144.0	536.0			990.0	35,185.9	35,185.9	10,046.5	70,371.8	70,371.8	536.0	
TOTAL =					13,682.9			4,561.0	160,836.6			136,455.6			4,824.0			17,056.9	1,714.0	50.0	81,408.3			141,279.6		
ROUND TO:					13,690.0			4,570.0	160,840.0			136,460.0			4,830.0			17,060.0	1,720.0	50.0	81,410.0			141,290.0		

- - PAVING OMISSION FOR CLASS A PATCH
- - PAVING OMISSION FOR STRUCTURE

SCHEDULE OF QUANTITIES

AGGREGATE WEDGE SHOULDERS, TYPE B

DL/PL	STATION	TO	STATION	AGG SHOULDER WIDTH (FOOT)	LENGTH (FOOT)	AREA (SQ YD)	AGGREGATE WEDGE SHOULDER, TYPE B 48102100 (TON)
FAI 70 EASTBOUND							
DL	2771+40.00		2772+59.71	3.00	119.71	39.9	2.8
DL	9+02.89		42+59.52	3.00	3,356.63	1,118.9	79.9
DL	42+59.52		80+79.85	3.00	3,820.33	1,273.4	90.9
DL	80+79.85		88+09.78	3.00	729.93	243.3	17.4
DL	88+09.78		89+25.84	4.00	116.06	51.6	3.7
DL	89+25.84		91+07.23	3.75	181.39	75.6	5.4
DL	91+38.07		97+29.29	3.00	591.22	197.1	14.1
DL	97+29.29		195+05.73	3.00	9,776.44	3,258.8	232.7
DL	195+05.73		205+51.15	3.00	1,045.42	348.5	24.9
DL	205+51.15		250+02.59	3.00	4,451.44	1,483.8	106.0
DL	250+02.59		257+03.89	3.00	701.30	233.8	16.7
DL	257+03.89		257+69.88	3.00	65.99	22.0	1.6
DL	257+69.88		259+58.92	3.00	189.04	63.0	4.5
DL	262+15.50		264+93.50	3.00	278.00	92.7	6.6
DL	264+93.50		270+93.50	3.00	600.00	200.0	14.3
DL	270+93.50		286+12.00	3.00	1,518.50	506.2	36.1
DL	286+12.00		286+92.02	4.00	80.02	35.6	2.5
DL	286+92.02		300+42.01	3.75	1,349.99	562.5	40.2
DL	300+42.01		301+14.01	3.75	72.00	30.0	2.1
DL	301+14.01		301+42.00	3.75	27.99	11.7	0.8
DL	301+42.00		314+04.93	3.00	1,262.93	421.0	30.1
DL	314+04.93		319+28.93	3.00	524.00	174.7	12.5
DL	319+28.93		323+48.93	3.00	420.00	140.0	10.0
DL	323+48.93		347+80.93	3.00	2,432.00	810.7	57.9
DL	347+80.93		349+98.93	3.00	218.00	72.7	5.2
DL	349+98.93		350+93.04	4.00	94.11	41.8	3.0
DL	350+93.04		352+77.39	3.00	184.35	61.5	4.4
DL	353+07.39		355+10.14	3.00	202.75	67.6	4.8
DL	355+10.14		355+82.14	4.00	72.00	32.0	2.3
DL	355+82.14		357+71.74	3.75	189.60	79.0	5.6
DL	360+12.31		362+81.45	3.00	269.14	89.7	6.4
DL	362+81.45		378+15.29	3.00	1,533.84	511.3	36.5
DL	378+15.29		404+82.45	3.00	2,667.16	889.1	63.5
DL	404+82.45		405+54.45	4.00	72.00	32.0	2.3
DL	405+54.45		407+51.31	3.75	196.86	82.0	5.9
DL	407+51.31		410+00.00	3.00	218.69	72.9	5.2
PL	2771+40.00		2772+59.71	3.00	119.71	39.9	2.8
PL	9+02.89		42+59.52	3.00	3,356.63	1,118.9	79.9
PL	42+59.52		80+79.85	3.00	3,820.33	1,273.4	90.9
PL	80+79.85		89+26.00	3.00	846.15	282.1	20.1
PL	89+26.00		92+76.00	3.00	350.00	116.7	8.3
PL	92+76.00		97+29.29	3.00	453.29	151.1	10.8
PL	97+29.29		195+05.73	3.00	9,776.44	3,258.8	232.7
PL	195+05.73		205+51.15	3.00	1,045.42	348.5	24.9
PL	205+51.15		250+15.35	3.00	4,464.20	1,488.1	106.3
PL	251+77.26		256+60.29	3.00	483.03	161.0	11.5
PL	256+60.29		257+82.29	4.00	122.00	54.2	3.9
PL	257+82.29		259+58.92	3.25	176.63	63.8	4.6
PL	262+15.50		354+92.22	3.00	9,276.72	3,092.2	220.8
PL	354+92.22		355+64.22	4.00	72.00	32.0	2.3
PL	355+64.22		357+90.28	3.75	226.06	94.2	6.7
PL	360+31.89		378+15.29	3.00	1,783.40	594.5	42.4
PL	378+15.29		406+50.00	3.00	2,834.71	944.9	67.5
PL	406+50.00		410+00.00	3.00	350.00	116.7	8.3
EASTBOUND TOTAL =							1,903.5

DL/PL	STATION	TO	STATION	AGG SHOULDER WIDTH (FOOT)	LENGTH (FOOT)	AREA (SQ YD)	AGGREGATE WEDGE SHOULDER, TYPE B 48102100 (TON)
FAI 70 WESTBOUND							
DL	108+45.00		195+05.73	3.00	8,660.73	2,886.9	206.1
DL	195+05.73		205+51.15	3.00	1,045.42	348.5	24.9
DL	205+51.15		250+53.65	3.00	4,502.50	1,500.8	107.2
DL	252+15.56		259+58.92	3.00	743.36	247.8	17.7
DL	262+15.50		264+04.63	3.00	189.13	63.0	4.5
DL	264+04.63		265+76.64	3.75	172.01	71.7	5.1
DL	265+76.64		286+14.46	3.00	2,037.82	679.3	48.5
DL	286+14.46		286+36.47	3.75	22.01	9.2	0.7
DL	286+36.47		300+73.95	3.75	1,437.48	599.0	42.8
DL	300+73.95		301+45.95	4.00	72.00	32.0	2.3
DL	301+45.95		352+52.61	3.00	5,106.66	1,702.2	121.6
DL	352+52.61		354+79.48	3.75	196.87	82.0	5.9
DL	354+79.48		355+51.48	4.00	72.00	32.0	2.3
DL	355+51.48		358+36.09	3.00	284.61	94.9	6.8
DL	360+77.52		362+85.40	3.75	207.88	86.6	6.2
DL	362+85.40		363+45.49	4.00	60.09	26.7	1.9
DL	363+45.49		378+15.29	3.00	1,469.80	489.9	35.0
DL	378+15.29		408+06.44	3.00	2,991.15	997.1	71.2
DL	408+06.44		410+00.00	3.00	193.56	64.5	4.6
PL	108+45.00		195+05.73	3.00	8,660.73	2,886.9	206.1
PL	195+05.73		205+51.15	3.00	1,045.42	348.5	24.9
PL	205+51.15		250+40.88	3.00	4,489.73	1,496.6	106.9
PL	252+02.80		259+58.92	3.00	756.12	252.0	18.0
PL	262+15.50		265+39.14	3.00	323.64	107.9	7.7
PL	265+39.14		358+17.44	3.00	9,278.30	3,092.8	220.8
PL	360+58.82		362+85.40	3.75	226.58	94.4	6.7
PL	362+85.40		363+57.51	4.00	72.11	32.0	2.3
PL	363+57.51		378+15.29	3.00	1,457.78	485.9	34.7
PL	378+15.29		407+76.12	3.00	2,960.83	986.9	70.5
PL	408+06.12		409+77.96	3.00	171.84	57.3	4.1
PL	409+77.96		410+61.96	4.00	84.00	37.3	2.7
WESTBOUND TOTAL =							1,420.5

SUMMARY	
EASTBOUND TOTAL =	1,903.5
WESTBOUND TOTAL =	1,420.5
GRAND TOTAL	3,324.0
ROUND TO:	3,330.0

FILE NAME =	USER NAME = steffennk	DESIGNED -	REVISED -
pw:\IL084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\74722\DRAWING\CAD\Sheets\0774722-sht-schedule		CHECKED -	REVISED -
Default	PLOT DATE = 8/10/2016	DATE -	REVISED -

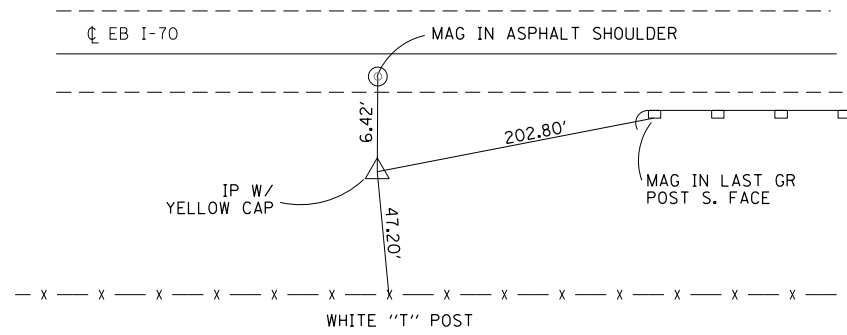
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULES OF QUANTITIES

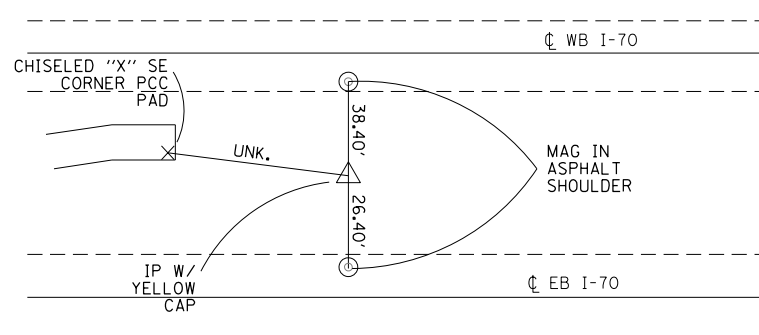
SCALE: SHEET 18 OF 18 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	30
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				

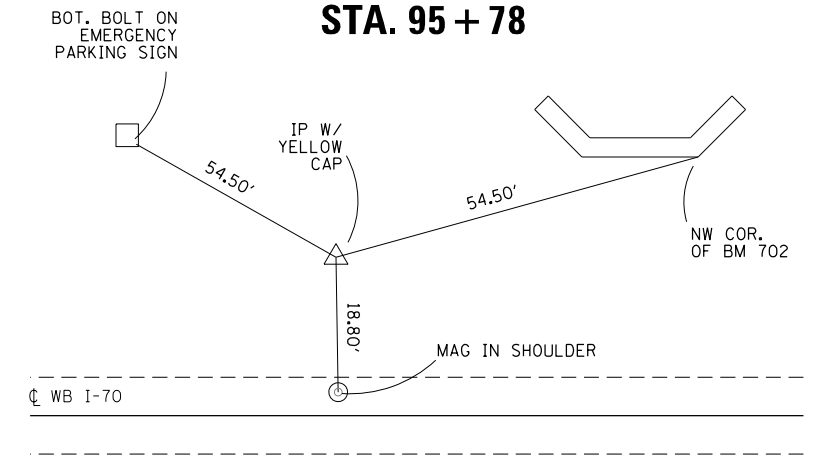
**TRAV 700
STA. 85 + 64**



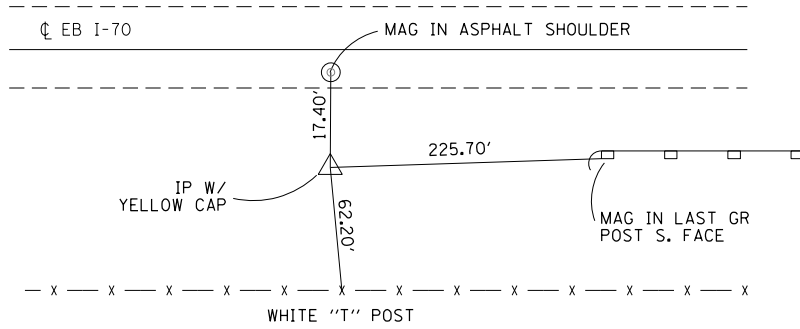
**TRAV 701
STA. 92 + 03**



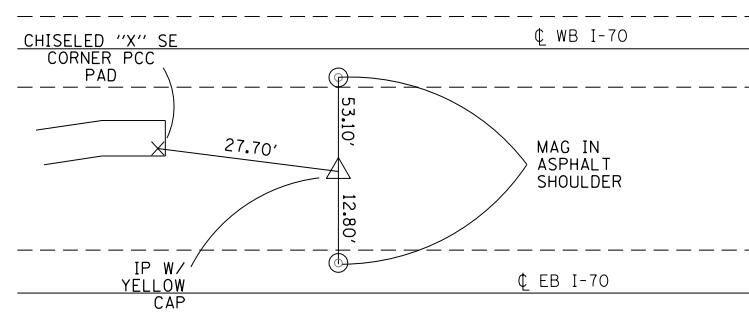
**TRAV 702
STA. 95 + 78**



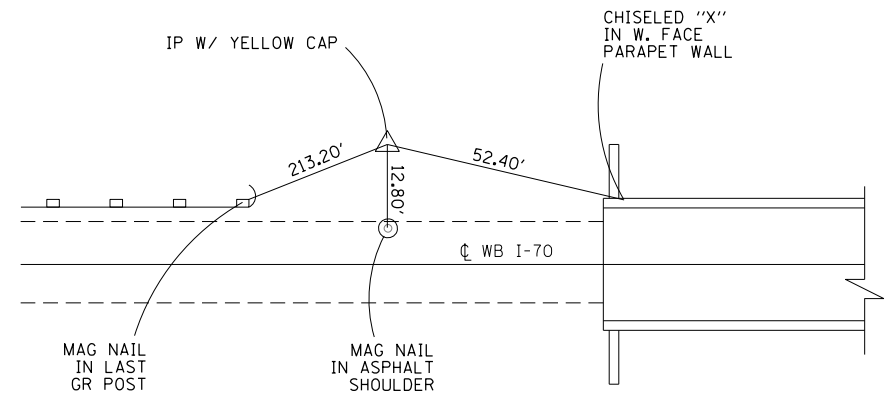
**TRAV 800
STA. 344 + 44**



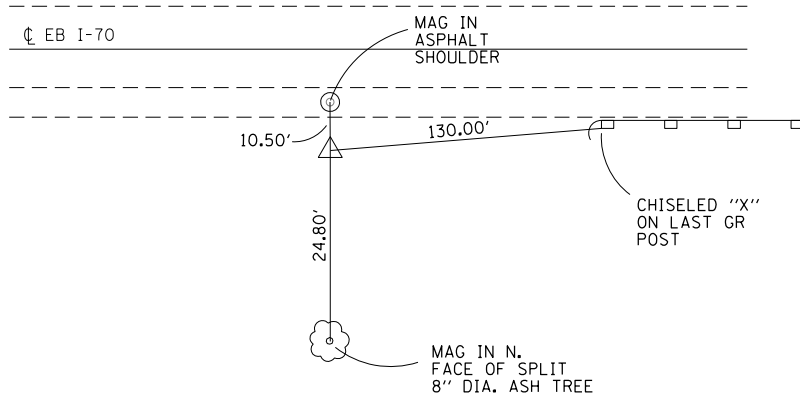
**TRAV 801
STA. 353 + 41**



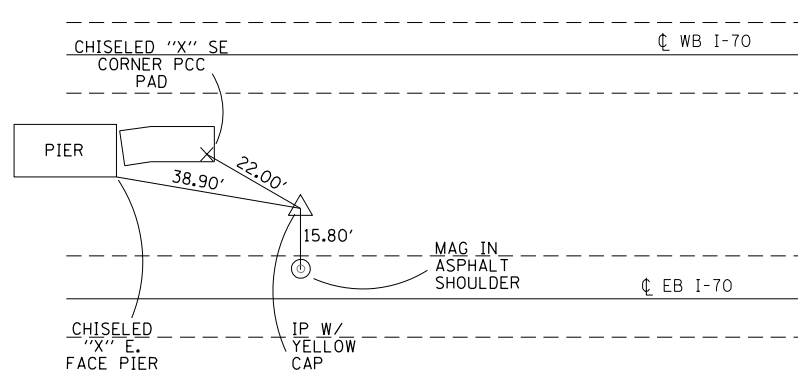
**TRAV 802
STA. 358 + 04**



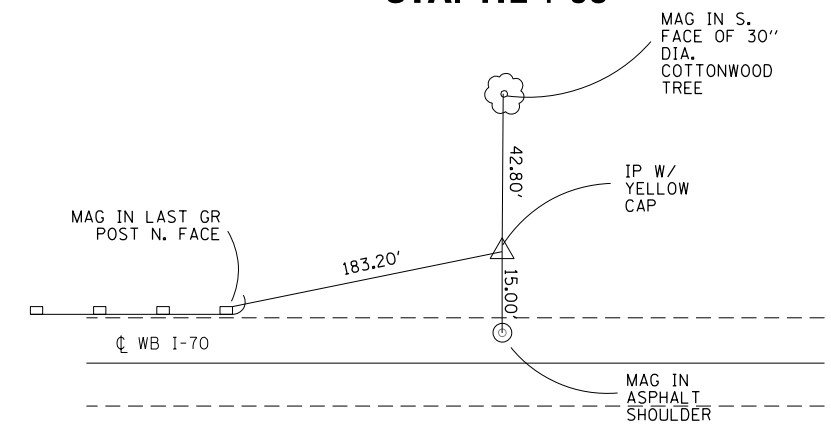
**TRAV 900
STA. 402 + 64**



**TRAV 901
STA. 408 + 17**



**TRAV 902
STA. 412 + 93**



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Default	PLOT DATE = 8/10/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TIE POINTS & BENCHMARKS

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	31
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				

BENCHMARKS

BM 682 CHISELED "□" ON THE EAST END OF A BOX CULVERT ON THE SOUTH SIDE OF I-70 +/- 3400' EAST OF CR 1225E
ELEV. = 579.25

BM 683 CHISELED "□" ON THE EAST END OF A BOX CULVERT ON THE SOUTH SIDE OF I-70 +/- 1000' EAST OF CR 1225E
ELEV. = 571.14

BM 684 CHISELED "□" ON THE NORTH END OF A PIPE CULVERT ON THE SOUTH SIDE OF I-70 ON THE EAST SIDE OF CR 1225E
ELEV. = 557.41

BM 685 CHISELED "□" ON THE EAST END OF A BOX CULVERT SOUTH OF I-70 S.N. 018-8602 +/- 2200' WEST OF CR 1225E
ELEV. = 531.79

BM 686 ALUMINUM DISK ON THE TOP OF THE NORTHEAST CORNER OF WB I-70 OVER COTTONWOOD CREEK S.N. 018-0044
ELEV. = 543.40

BM 687 ALUMINUM DISK ON THE TOP OF THE SOUTHWEST CORNER OF EB I-70 OVER COTTONWOOD CREEK S.N. 018-0045
ELEV. = 543.74

BM 688 CHISELED "□" ON THE WEST END OF A BOX CULVERT ON THE SOUTH SIDE OF I-70 +/- 1600' WEST OF CR 1125E
ELEV. = 524.53

BM 689 CHISELED "□" ON THE EAST END OF A BOX CULVERT ON THE SOUTH SIDE OF I-70 +/- 1.1 MILES EAST OF CR 950E
ELEV. = 525.81

BM 690 CHISELED "□" ON THE EAST END OF A TRIPLE BOX CULVERT SOUTH OF I-70 S.N. 018-2001 +/- 4300' EAST OF CR 950E
ELEV. = 524.59

BM 691 ALUMINUM DISK ON THE TOP OF THE NORTHEAST CORNER OF WB I-70 OVER MUDDY CREEK S.N. 018-0042
ELEV. = 544.25

BM 692 ALUMINUM DISK ON THE TOP OF THE SOUTHWEST CORNER OF EASTBOUND I-70 OVER MUDDY CREEK S.N. 018-0043
ELEV. = 544.63

BM 693 CHISELED "□" ON THE NORTHEAST CORNER OF THE SOUTHEAST BRIDGE ABUTMENT ON EASTBOUND I-70 BRIDGE OVER CR 950E 22' SOUTH OF I-70 EASTBOUND S.N. 018-0040
ELEV. = 551.82

BM 694 CHISELED "□" ON THE SOUTHWEST CORNER OF THE SOUTHWEST BRIDGE ABUTMENT ON WESTBOUND I-70 BRIDGE OVER CR 950E 19' SOUTH OF I-70 WESTBOUND S.N. 018-0041
ELEV. = 552.80

BM 695 CHISELED "□" ON THE EAST END OF A BOX CULVERT ON THE SOUTH SIDE OF I-70 +/- 1800' WEST OF CR 950E
ELEV. = 579.79

BM 696 RAILROAD SPIKE IN A POWER POLE ON THE SOUTH SIDE OF I-70 +/- 2800' WEST OF CR 950E
ELEV. = 593.89

BM 697 CHISELED "□" ON THE EAST END OF A BOX CULVERT ON THE SOUTH SIDE OF I-70 +/- 1.3 MILES EAST OF CR 725E
ELEV. = 590.54

BM 698 CHISELED "□" ON THE EAST END OF A BOX CULVERT ON THE SOUTH SIDE OF I-70 +/- 4900' EAST OF CR 725E
ELEV. = 593.72

BM 699 CHISELED "□" ON THE EAST END OF A BOX CULVERT ON THE SOUTH SIDE OF I-70 +/- 3000' EAST OF CR 725E
ELEV. = 596.01

BM 700 STA. +/- 120+59, 43' RT. EBL I-70 CHISELED "□" ON THE TOP CENTER OF A BOX CULVERT ON THE SOUTH SIDE OF I-70 AT DEAD END OF CR 725E
ELEV. = 591.79

BM 701 STA. +/- 144+04, 45' LT. WBL I-70 CHISELED "□" ON THE TOP CENTER OF A BOX CULVERT ON THE NORTH SIDE OF I-70 +/- 2200' EAST OF CR 675E
ELEV. 591.06

BM 702 STA. +/- 96+35, 46' LT. WBL I-70 CHISELED "□" ON THE EAST END OF A BOX CULVERT ON THE NORTH SIDE OF I-70 AND +/- 450' EAST OF CR 675E
ELEV. 592.88

BM 703 STA. +/- 90+55, 45' RT. EBL I-70 CHISELED "□" ON THE TOP CENTER OF A BOX CULVERT ON THE SOUTH SIDE OF +/- 50' WEST OF CR 675E
ELEV. 594.60

BM 800 185.00' LT. RAILROAD SPIKE IN THE SOUTHWEST FACE OF A POWER POLE IN THE NORTHEAST QUADRANT OF I-70 AND CR 950E, 185' NORTH OF I-70 AND 33' EAST OF CR 950E
ELEV. = 529.84

BM 801 STA. 248+26, CL PSM BURIED 0.50' IN THE CENTERLINE OF I-70
ELEV. = 551.50

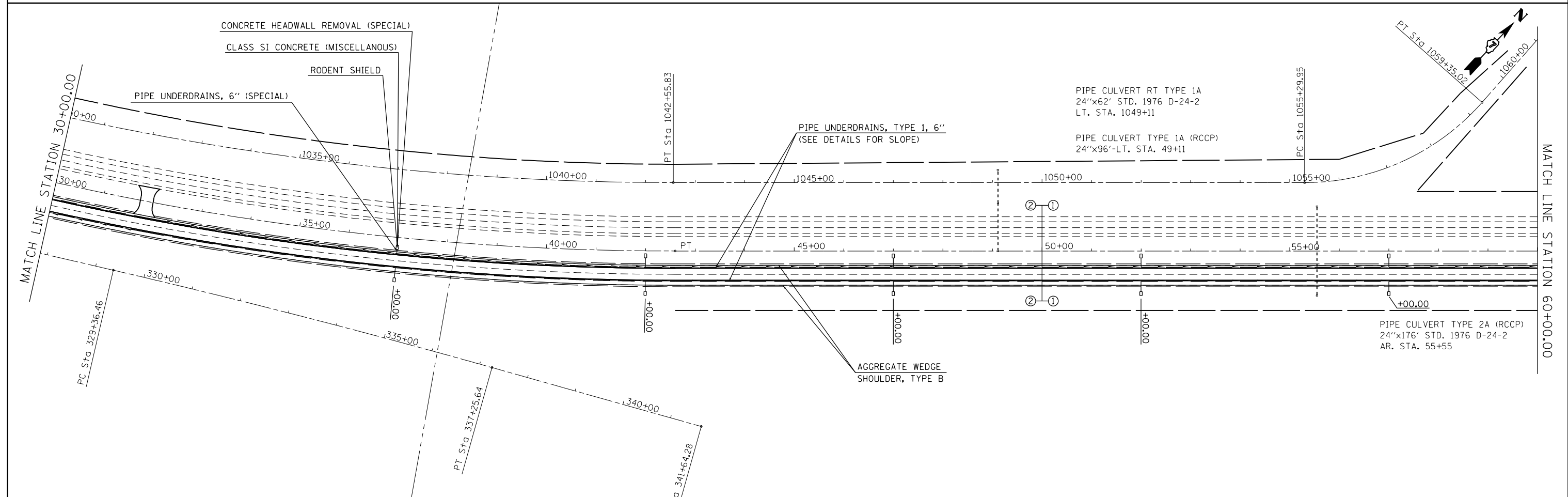
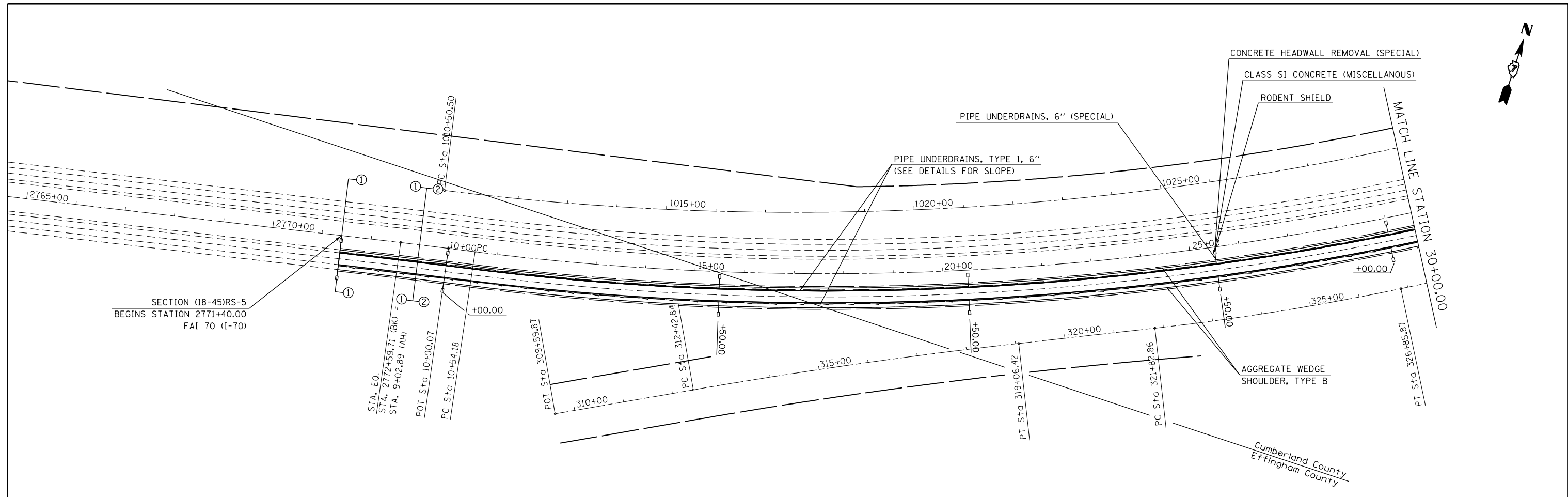
BM 802 STA. 250+55, 19' RT. I-70 WBL CHISELED "□" ON THE SOUTHWEST CORNER OF THE SOUTHWEST BRIDGE ABUTMENT ON WESTBOUND I-70 BRIDGE OVER CR 950E 19' SOUTH OF I-70 WESTBOUND S.N. 018-0041
ELEV. = 552.80

BM 803 STA. 251+35, 22' RT. I-70 EBL CHISELED "□" ON THE NORTHEAST CORNER OF THE SOUTHEAST BRIDGE ABUTMENT WINGWALL ON EASTBOUND I-70 BRIDGE OVER CR 950E 22' SOUTH OF I-70 EASTBOUND S.N. 018-0040
ELEV. = 551.82

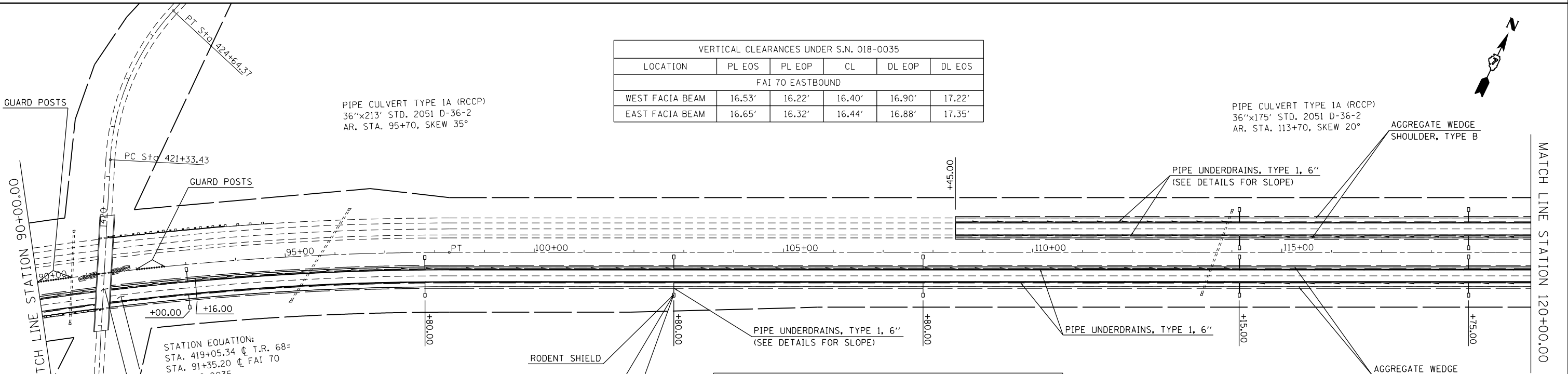
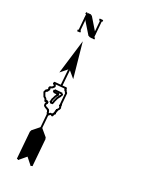
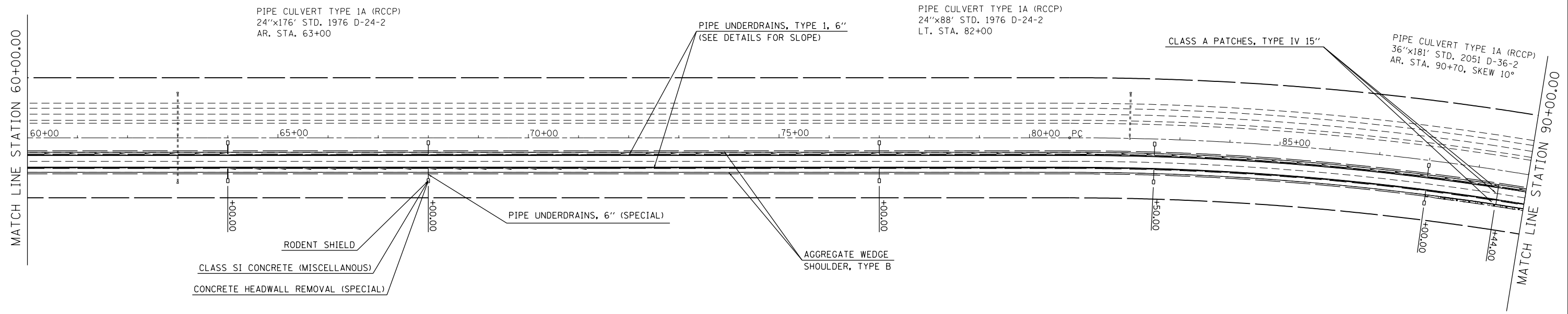
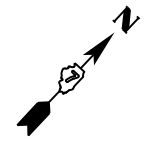
BM 804 STA. 260+00, 24' RT. I-70 EBL ALUMINUM DISK ON THE TOP OF HE SOUTHWEST CORNER OF EASTBOUND I-70 OVER MUDDY CREEK S.N. 018-0043
ELEV. = 544.63

BM 805 STA. 262+00, 23' LT. OF I-70 WBL ALUMINUM DISK ON THE TOP OF THE NORTHEAST CORNER OF WESTBOUND I-70 OVER MUDDY CREEK S.N. 018-0042
ELEV. = 544.25

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TIE POINTS & BENCHMARKS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\74722\Drawings\CAD\Sheets\0774722-sht-ATB.dgn		REVISIONS	REVISIONS		70	(18-45)RS-5	CUMBERLAND	65	32	CONTRACT NO. 74722		
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISIONS		SCALE:	SHEET 2	OF 2	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	
	PLOT DATE = 8/10/2016	DATE -	REVISIONS									



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 70 PLAN SHEET			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		DATE -	REVISED -		CONTRACT NO. 74722				ILLINOIS FED. AID PROJECT			
					SCALE:	SHEET NO. 1 OF 7 SHEETS	STA. 2771+40.00 TO STA. 60+00.00					



VERTICAL CLEARANCES UNDER S.N. 018-0035					
LOCATION	PL EOS	PL EOP	CL	DL EOP	DL EOS
FAI 70 EASTBOUND					
WEST FACIA BEAM	16.53'	16.22'	16.40'	16.90'	17.22'
EAST FACIA BEAM	16.65'	16.32'	16.44'	16.88'	17.35'

EXISTING HOT-MIX ASPHALT CORING DETAILS NEAR S.N. 018-0035		
LOCATION	STATION	HMA DEPTH
EBPL	89+25	5 1/4"
EBPL	90+25	3 5/8"
EBPL	91+25	3 3/4"
EBPL	92+25	3 7/8"
EBPL	93+25	6 1/2"

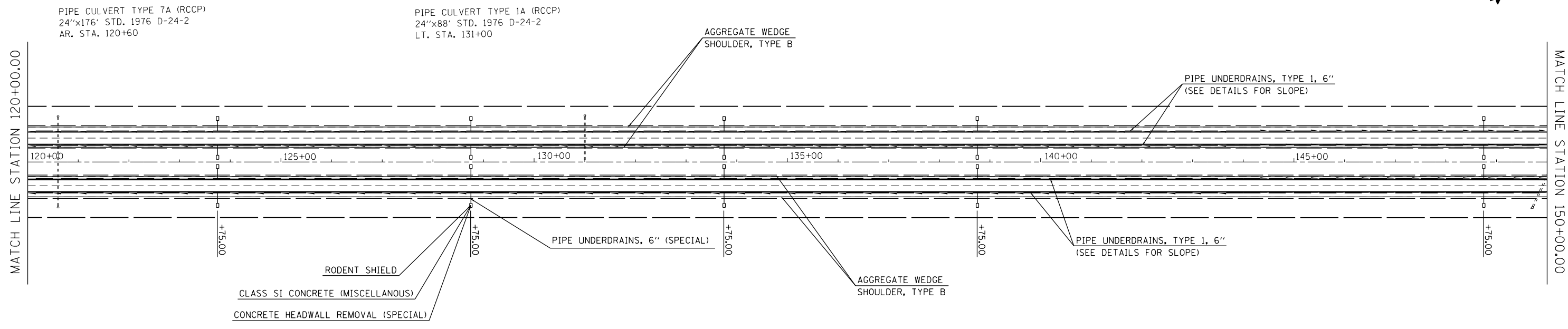
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 DATE -
 PLOT DATE = 8/10/2016

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

F.A.I. 70 PLAN SHEET

SCALE: SHEET NO. 2 OF 7 SHEETS STA. 60+00.00 TO STA. 120+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	34
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				



PIPE CULVERT TYPE 7A (RCCP)
24''x176' STD. 1976 D-24-2
AR. STA. 120+60

PIPE CULVERT TYPE 1A (RCCP)
24''x88' STD. 1976 D-24-2
LT. STA. 131+00

AGGREGATE WEDGE
SHOULDER, TYPE B

PIPE UNDERDRAINS, TYPE 1, 6''
(SEE DETAILS FOR SLOPE)

PIPE UNDERDRAINS, 6'' (SPECIAL)

PIPE UNDERDRAINS, TYPE 1, 6''
(SEE DETAILS FOR SLOPE)

RODENT SHIELD

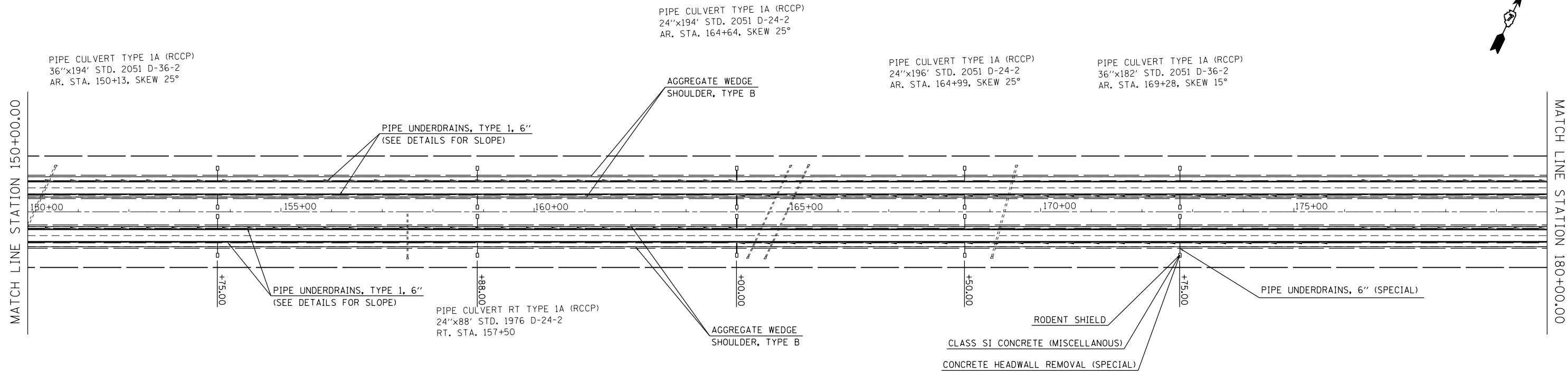
CLASS SI CONCRETE (MISCELLANEOUS)

CONCRETE HEADWALL REMOVAL (SPECIAL)

AGGREGATE WEDGE
SHOULDER, TYPE B

MATCH LINE STATION 120+00.00

MATCH LINE STATION 150+00.00



PIPE CULVERT TYPE 1A (RCCP)
36''x194' STD. 2051 D-36-2
AR. STA. 150+13, SKEW 25°

PIPE CULVERT TYPE 1A (RCCP)
24''x194' STD. 2051 D-24-2
AR. STA. 164+64, SKEW 25°

PIPE CULVERT TYPE 1A (RCCP)
24''x196' STD. 2051 D-24-2
AR. STA. 164+99, SKEW 25°

PIPE CULVERT TYPE 1A (RCCP)
36''x182' STD. 2051 D-36-2
AR. STA. 169+28, SKEW 15°

AGGREGATE WEDGE
SHOULDER, TYPE B

PIPE UNDERDRAINS, TYPE 1, 6''
(SEE DETAILS FOR SLOPE)

PIPE UNDERDRAINS, TYPE 1, 6''
(SEE DETAILS FOR SLOPE)

PIPE CULVERT RT TYPE 1A (RCCP)
24''x88' STD. 1976 D-24-2
RT. STA. 157+50

AGGREGATE WEDGE
SHOULDER, TYPE B

RODENT SHIELD

CLASS SI CONCRETE (MISCELLANEOUS)

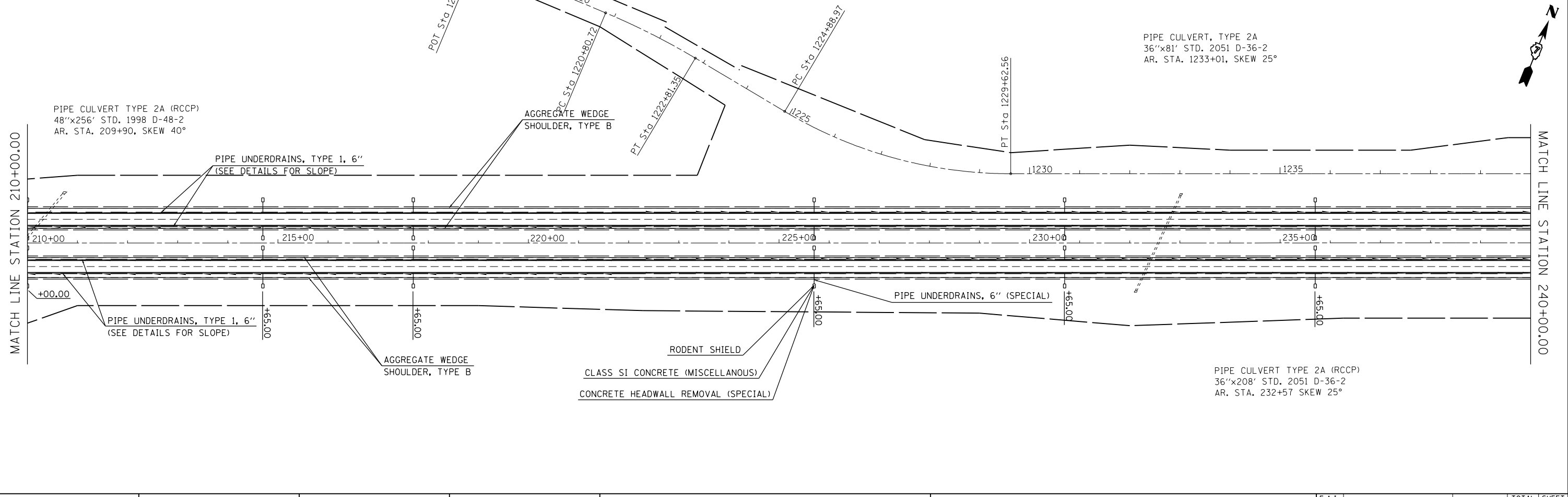
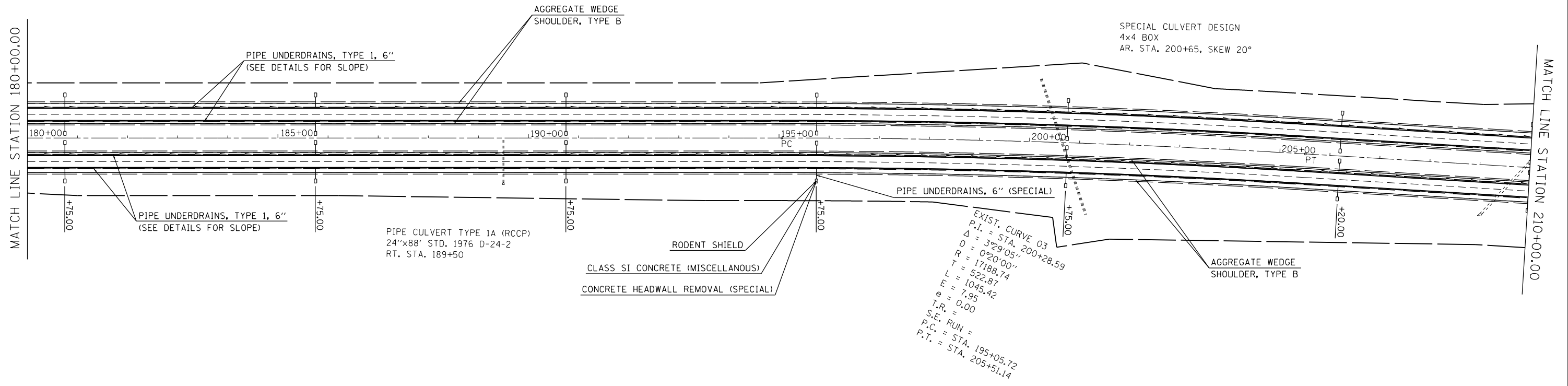
CONCRETE HEADWALL REMOVAL (SPECIAL)

PIPE UNDERDRAINS, 6'' (SPECIAL)

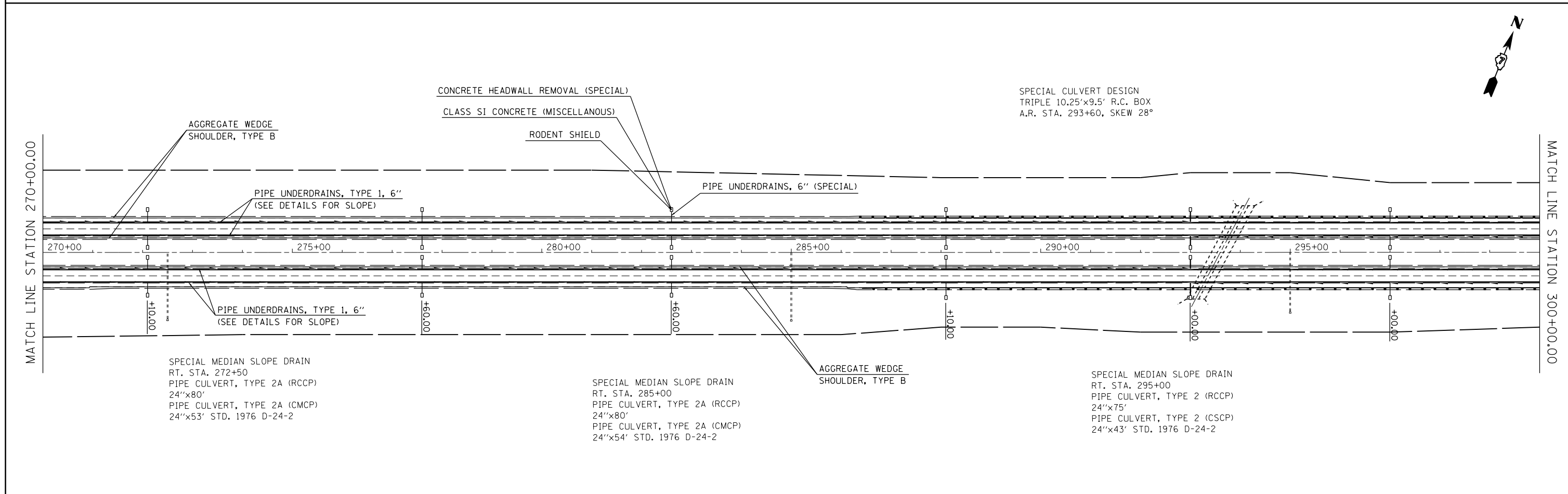
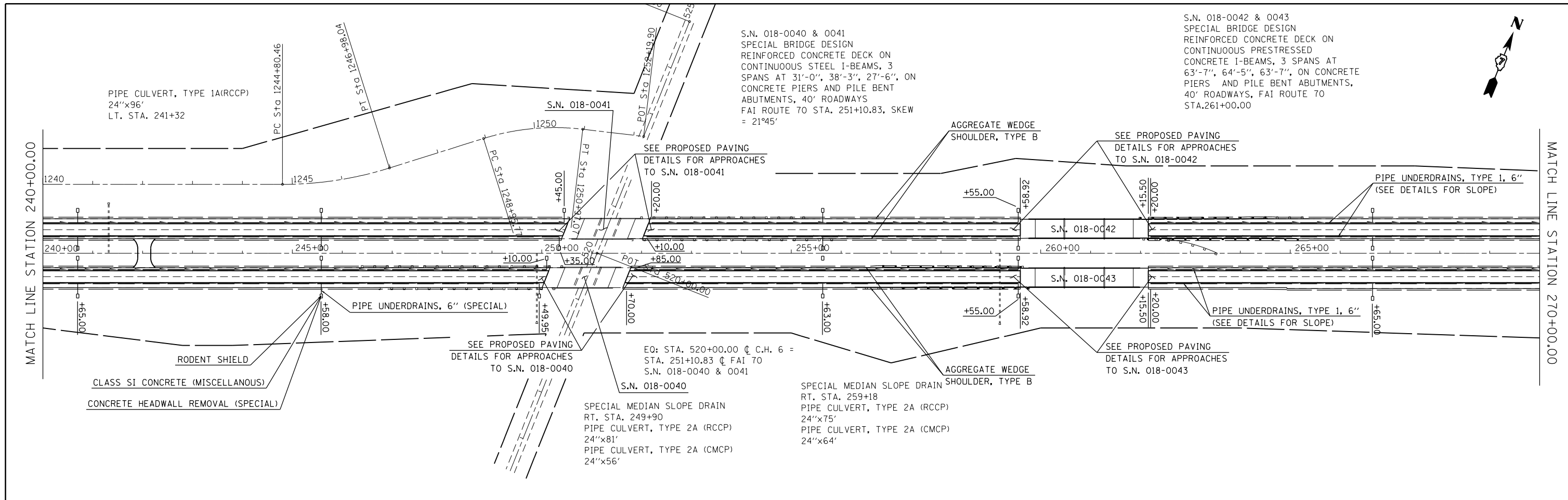
MATCH LINE STATION 150+00.00

MATCH LINE STATION 180+00.00

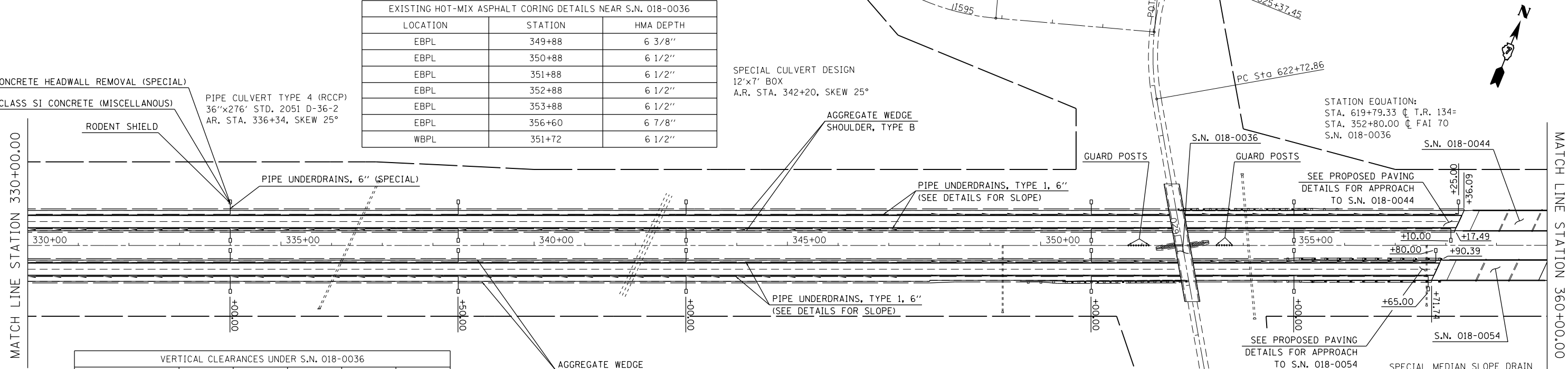
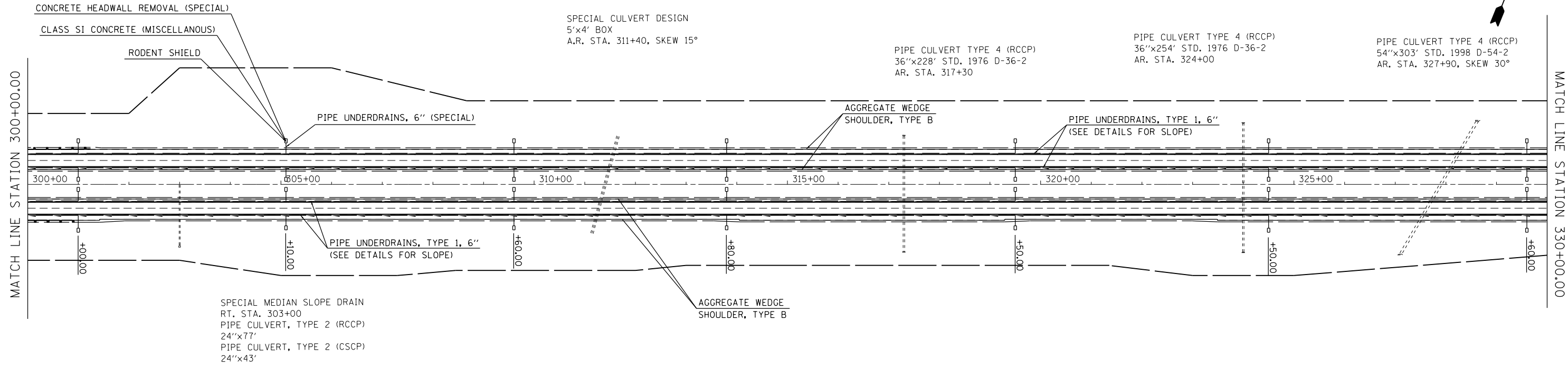
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pw:\IL084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74722\Drawings\CAB\Drawings\74722-sht-plan.dgn	PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -					70	(18-45)RS-5	CUMBERLAND	65	35
PLOT DATE = 8/10/2016	DATE -	REVISOR -	REVISOR -		CONTRACT NO. 74722			ILLINOIS FED. AID PROJECT				
					SCALE:	SHEET NO. 3 OF 7 SHEETS	STA. 120+00.00 TO STA. 180+00.00					



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 70 PLAN SHEET		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 200.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 74722			ILLINOIS FED. AID PROJECT			
PLOT DATE = 8/10/2016	DATE -	REVISED -	REVISED -		SCALE:	SHEET NO. 4 OF 7 SHEETS	STA. 180+00.00 TO STA. 240+00.00				



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	F.A.I. 70 PLAN SHEET	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 200.0000' / in.		DATE -	REVISED -			CONTRACT NO. 74722				
PLOT DATE = 8/10/2016						ILLINOIS FED. AID PROJECT				



EXISTING HOT-MIX ASPHALT CORING DETAILS NEAR S.N. 018-0036

LOCATION	STATION	HMA DEPTH
EBPL	349+88	6 3/8"
EBPL	350+88	6 1/2"
EBPL	351+88	6 1/2"
EBPL	352+88	6 1/2"
EBPL	353+88	6 1/2"
EBPL	356+60	6 7/8"
WBPL	351+72	6 1/2"

VERTICAL CLEARANCES UNDER S.N. 018-0036

LOCATION	PL EOS	PL EOP	CL	DL EOP	DL EOS
FAI 70 EASTBOUND					
WEST FACIA BEAM	17.39'	16.94'	16.42'	16.24'	16.49'
EAST FACIA BEAM	17.13'	16.82'	16.27'	16.11'	16.36'
FAI 70 WESTBOUND					
WEST FACIA BEAM	18.69'	18.43'	18.37'	18.79'	19.36'
EAST FACIA BEAM	18.58'	18.33'	18.25'	18.69'	19.25'

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 DATE -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

F.A.I. 70 PLAN SHEET

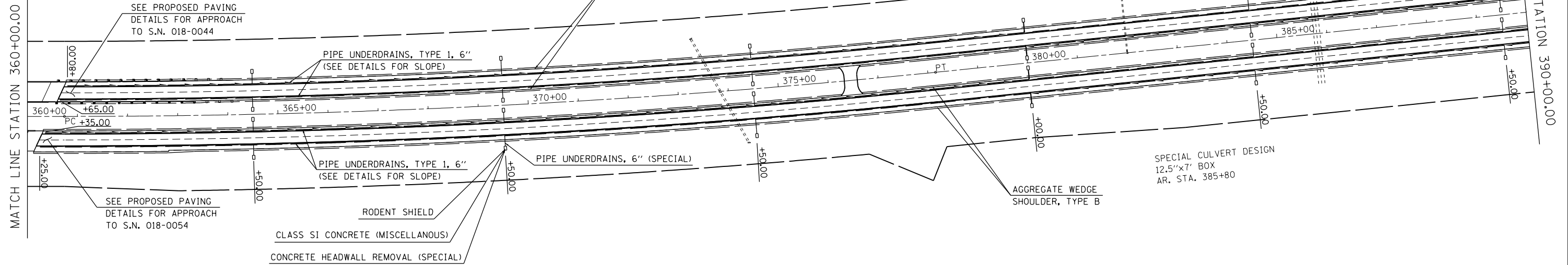
SCALE: SHEET NO. 6 OF 7 SHEETS STA. 300+00.00 TO STA. 360+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	38
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				

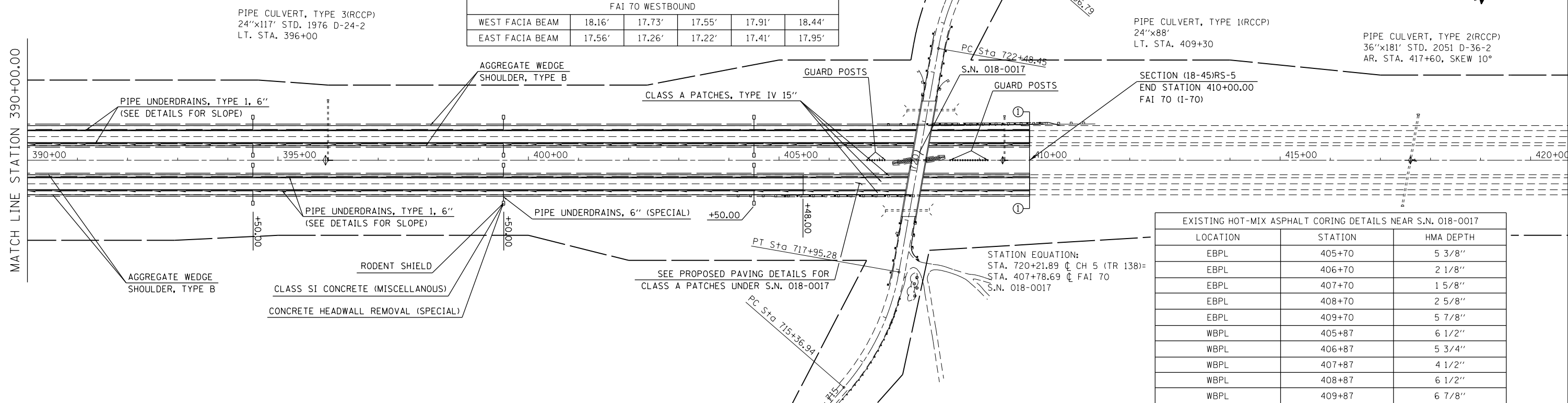
S.N. 018-0044 & 0054
 SPECIAL BRIDGE DESIGN
 REINFORCED CONCRETE DECK ON
 CONTINUOUS STEEL I-BEAMS, 3
 SPANS AT 55'-6 1/2", 65'-0", 55'-6 1/2", ON
 CONCRETE PIERS AND PILE BENT
 ABUTMENTS, 40' ROADWAYS
 FAI ROUTE 70 STA. 359+25.00, SKEW
 = 25°

PIPE CULVERT, TYPE 3(RCCP)
 36"x236' STD. 2051 D-36-2
 AR. STA. 373+84, SKEW 25°

PIPE CULVERT, TYPE 2(RCCP)
 24"x109' STD. 1976 D-24-2
 LT. STA. 382+00



VERTICAL CLEARANCES UNDER S.N. 018-0017					
LOCATION	PL EOS	PL EOP	CL	DL EOP	DL EOS
FAI TO EASTBOUND					
WEST FACIA BEAM	17.39'	17.08'	16.66'	16.64'	17.03'
EAST FACIA BEAM	16.89'	16.54'	16.10'	16.08'	16.45'
FAI TO WESTBOUND					
WEST FACIA BEAM	18.16'	17.73'	17.55'	17.91'	18.44'
EAST FACIA BEAM	17.56'	17.26'	17.22'	17.41'	17.95'



EXISTING HOT-MIX ASPHALT CORING DETAILS NEAR S.N. 018-0017		
LOCATION	STATION	HMA DEPTH
EBPL	405+70	5 3/8"
EBPL	406+70	2 1/8"
EBPL	407+70	1 5/8"
EBPL	408+70	2 5/8"
EBPL	409+70	5 7/8"
WBPL	405+87	6 1/2"
WBPL	406+87	5 3/4"
WBPL	407+87	4 1/2"
WBPL	408+87	6 1/2"
WBPL	409+87	6 7/8"

FILE NAME =	USER NAME = steffenk	DESIGNED -	REVISED -
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		DATE -	REVISED -

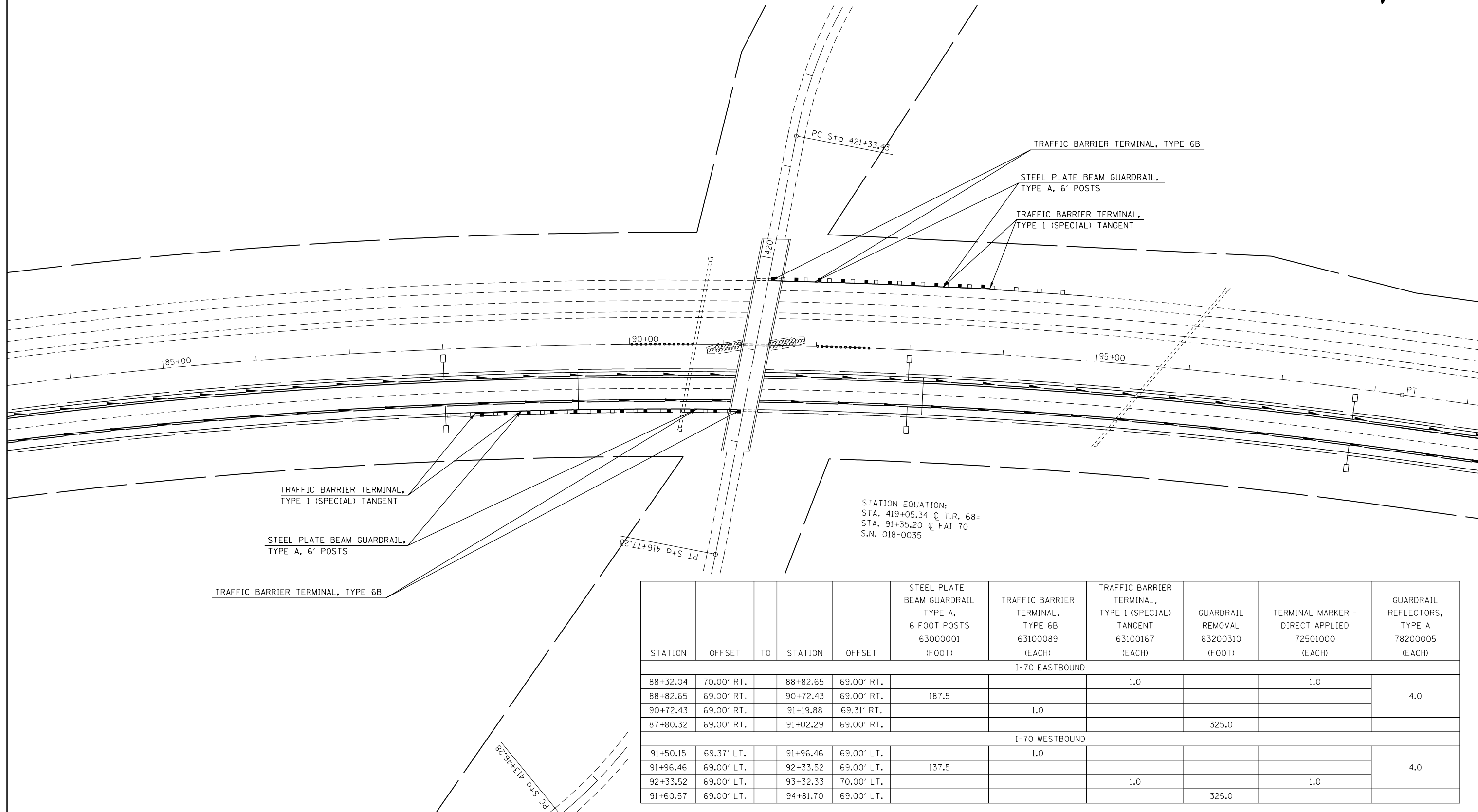
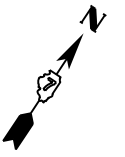
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

F.A.I. 70 PLAN SHEET

SCALE: SHEET NO. 7 OF 7 SHEETS STA. 360+00.00 TO STA. 410+00.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	39
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				

GUARDRAIL PLAN SHEET – LOCATION 1



STATION	OFFSET	TO	STATION	OFFSET	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS 63000001 (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 6B 63100089 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT 63100167 (EACH)	GUARDRAIL REMOVAL 63200310 (FOOT)	TERMINAL MARKER - DIRECT APPLIED 72501000 (EACH)	GUARDRAIL REFLECTORS, TYPE A 78200005 (EACH)
I-70 EASTBOUND										
88+32.04	70.00' RT.		88+82.65	69.00' RT.			1.0		1.0	4.0
88+82.65	69.00' RT.		90+72.43	69.00' RT.	187.5					
90+72.43	69.00' RT.		91+19.88	69.31' RT.		1.0				
87+80.32	69.00' RT.		91+02.29	69.00' RT.				325.0		
I-70 WESTBOUND										
91+50.15	69.37' LT.		91+96.46	69.00' LT.		1.0				4.0
91+96.46	69.00' LT.		92+33.52	69.00' LT.	137.5					
92+33.52	69.00' LT.		93+32.33	70.00' LT.			1.0		1.0	
91+60.57	69.00' LT.		94+81.70	69.00' LT.				325.0		

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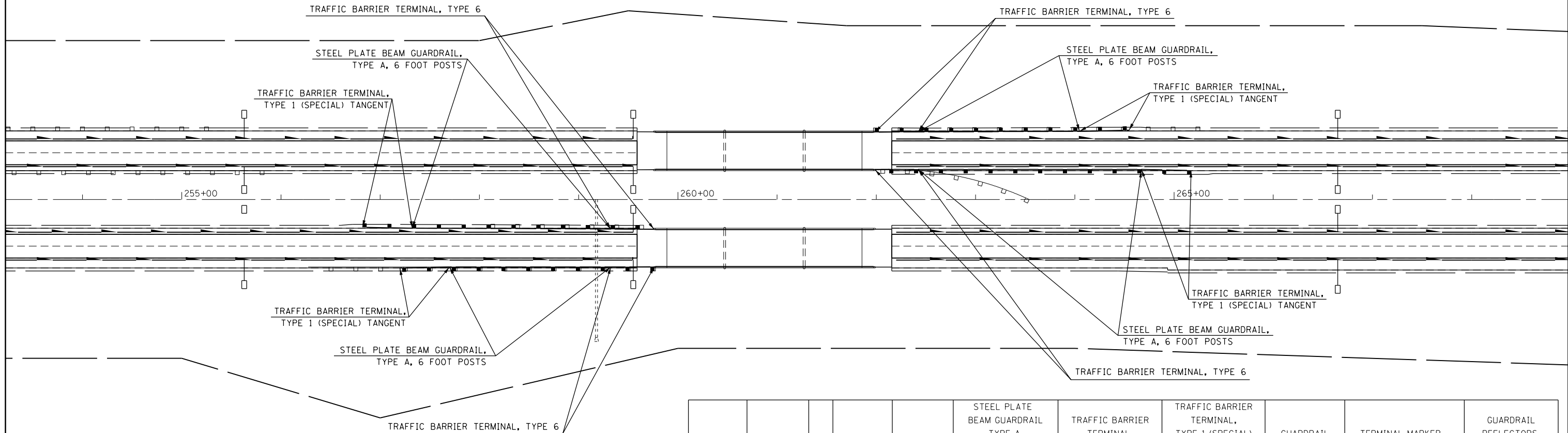
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL PLAN SHEET

SCALE: SHEET 1 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	40
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				

GUARDRAIL PLAN SHEET – LOCATION 2



STATION	OFFSET	TO	STATION	OFFSET	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS 63000001 (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 6 63100085 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT 63100167 (EACH)	GUARDRAIL REMOVAL 63200310 (FOOT)	TERMINAL MARKER - DIRECT APPLIED 72501000 (EACH)	GUARDRAIL REFLECTORS, TYPE A 78200005 (EACH)
I-70 EASTBOUND										
256+82.29	28.00' RT.		257+32.28	29.00' RT.			1.0		1.0	4.0
257+32.28	29.00' RT.		259+32.27	29.72' RT.	200.0					
259+32.27	29.72' RT.		259+76.02	30.03' RT.		1.0				
258+11.42	29.00' RT.		259+77.42	30.00' RT.				166.0		
257+19.88	69.00' RT.		257+69.87	68.00' RT.			1.0		1.0	4.0
257+69.87	68.00' RT.		259+32.37	68.00' RT.	162.5					
259+32.37	68.00' RT.		259+76.12	67.83' RT.		1.0				
256+27.42	68.00' RT.		259+77.42	68.00' RT.				350.0		
I-70 WESTBOUND										
261+98.40	30.16' LT.		262+42.15	30.16' LT.		1.0				4.0
262+42.15	30.16' LT.		264+67.14	30.16' LT.	225.0					
264+67.14	30.16' LT.		265+17.14	29.16' LT.			1.0		1.0	
261+97.00	30.00' LT.		263+54.00	CL				162.0		
261+98.40	67.83' LT.		262+42.15	68.13' LT.		1.0				4.0
262+42.15	68.13' LT.		264+04.65	68.59' LT.	162.5					
264+04.65	68.59' LT.		264+54.63	69.74' LT.			1.0		1.0	
261+97.00	68.00' LT.		265+47.00	69.00' LT.				350.0		

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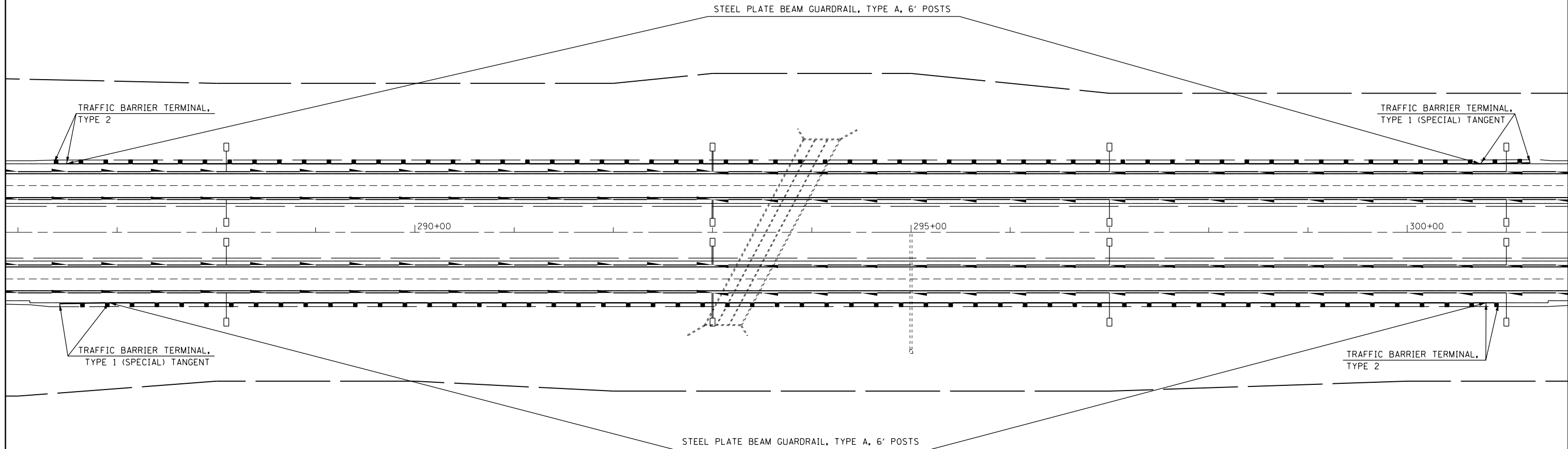
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL PLAN SHEET

SCALE: SHEET 2 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	41
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				

GUARDRAIL PLAN SHEET – LOCATION 3



STATION	OFFSET	TO	STATION	OFFSET	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS 63000001 (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 2 63100045 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT 63100167 (EACH)	GUARDRAIL REMOVAL 63200310 (FOOT)	TERMINAL MARKER - DIRECT APPLIED 72501000 (EACH)	GUARDRAIL REFLECTORS, TYPE A 78200005 (EACH)
I-70 EASTBOUND										
286+42.02	72.00' RT.		286+92.01	71.00' RT.			1.0		1.0	
286+92.01	71.00' RT.		300+79.51	71.00' RT.	1,387.5					7.0
300+79.51	71.00' RT.		300+92.01	72.00' RT.		1.0				
286+44.00	71.00' RT.		300+92.00	71.00' RT.			1,448.0			
I-70 WESTBOUND										
286+36.46	70.00' LT.		286+48.96	69.00' LT.		1.0				
286+48.96	69.00' LT.		300+73.96	69.00' LT.	1,425.0					7.0
300+73.96	69.00' LT.		301+23.95	70.00' LT.			1.0		1.0	
286+36.47	69.00' RT.		301+22.47	69.00' LT.			1,486.0			

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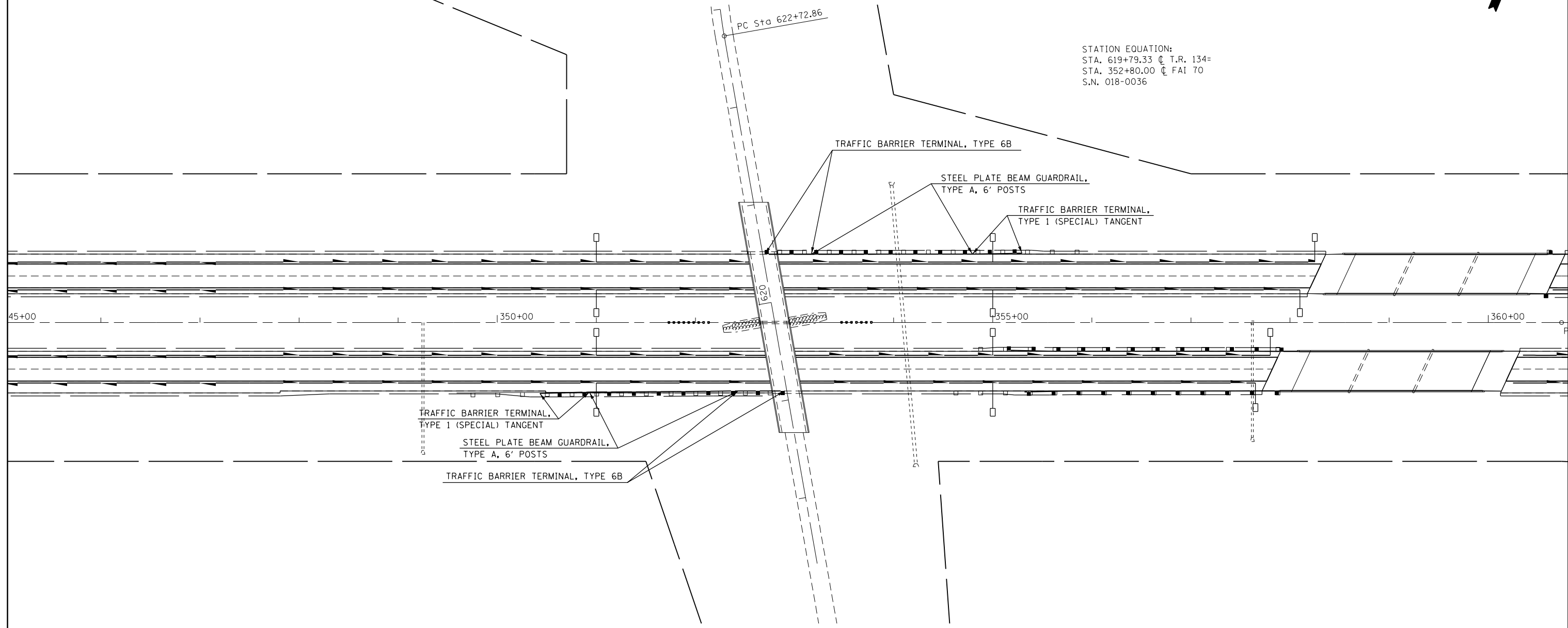
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL PLAN SHEET

SCALE: SHEET 3 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	42
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				

GUARDRAIL PLAN SHEET – LOCATION 4



STATION EQUATION:
 STA. 619+79.33 @ T.R. 134=
 STA. 352+80.00 @ FAI 70
 S.N. 018-0036

STATION	OFFSET	TO	STATION	OFFSET	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS 63000001 (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 6B 63100089 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT 63100167 (EACH)	GUARDRAIL REMOVAL 63200310 (FOOT)	TERMINAL MARKER - DIRECT APPLIED 72501000 (EACH)	GUARDRAIL REFLECTORS, TYPE A 78200005 (EACH)
I-70 EASTBOUND										
350+43.04	71.47' RT.		350.93.02	70.16' RT.			1.0		1.0	
350.93.02	70.16' RT.		352+43.01	69.00' RT.	150.0					4.0
352+43.01	69.00' RT.		352+89.89	69.00' RT.		1.0				
349+58.93	71.00' RT.		352+77.39	69.00' RT.			319.0			
I-70 WESTBOUND										
352+70.11	69.00' LT.		353+16.99	69.00' LT.		1.0				
353+16.99	69.00' LT.		354+79.49	69.00' LT.	162.5					4.0
354+79.49	69.00' LT.		355+29.48	70.00' LT.			1.0		1.0	
352+83.07	69.00' LT.		356+01.07	69.00' LT.			318.0			

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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GUARDRAIL PLAN SHEET

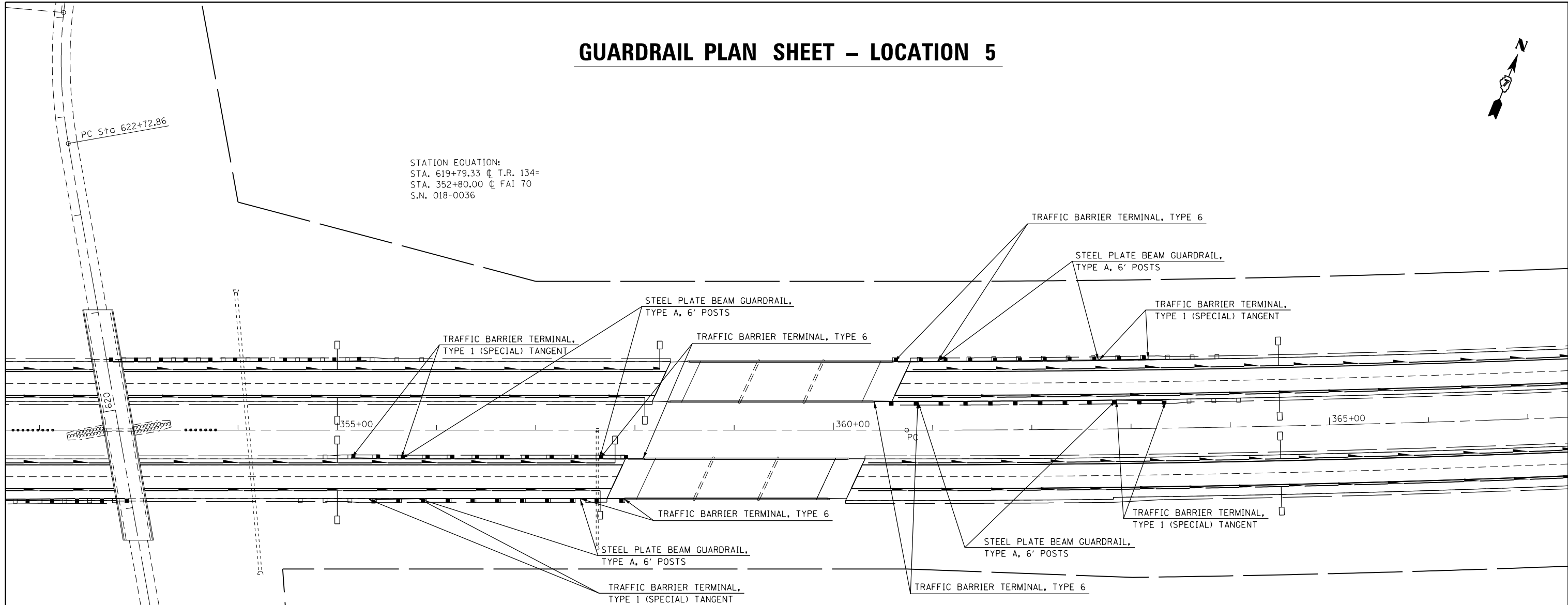
SCALE: SHEET 4 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	43
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				

GUARDRAIL PLAN SHEET – LOCATION 5



STATION EQUATION:
 STA. 619+79.33 @ T.R. 134=
 STA. 352+80.00 @ FAI 70
 S.N. 018-0036



STATION	OFFSET	TO	STATION	OFFSET	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS 63000001 (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 6 63100085 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT 63100167 (EACH)	GUARDRAIL REMOVAL 63200310 (FOOT)	TERMINAL MARKER - DIRECT APPLIED 72501000 (EACH)	GUARDRAIL REFLECTORS, TYPE A 78200005 (EACH)
I-70 EASTBOUND										
355+14.22	28.00' RT.		355+64.21	29.00' RT.			1.0		1.0	4.0
355+64.21	29.00' RT.		357+64.21	29.00' RT.	200.0					
357+64.21	29.00' RT.		358+07.96	29.17' RT.		1.0				
354+85.77	29.00' RT.		358+09.36	29.00' RT.				324.0		
355+32.14	70.00' RT.		355+82.13	69.00' RT.			1.0		1.0	4.0
355+82.13	69.00' RT.		357+44.63	69.00' RT.	162.5					
357+44.63	69.00' RT.		357+88.38	68.83' RT.		1.0				
354+39.77	69.00' RT.		357+89.77	69.00' RT.				350.0		
I-70 WESTBOUND										
360+41.37	29.17' LT.		360+85.13	29.00' LT.		1.0				4.0
360+85.13	29.00' LT.		362+85.47	29.00' LT.	200.0					
362+85.47	29.00' LT.		363+35.54	28.00' LT.			1.0		1.0	
360+39.97	29.00' LT.		364+10.90	29.00' LT.				371.0		
360+60.95	68.83' LT.		361+04.82	69.00' LT.		1.0				4.0
361+04.82	69.00' LT.		362+67.98	69.00' LT.	162.5					
362+67.98	69.00' LT.		363+18.18	70.04' LT.			1.0		1.0	
360+59.55	69.00' LT.		364+10.93	69.00' LT.				350.0		

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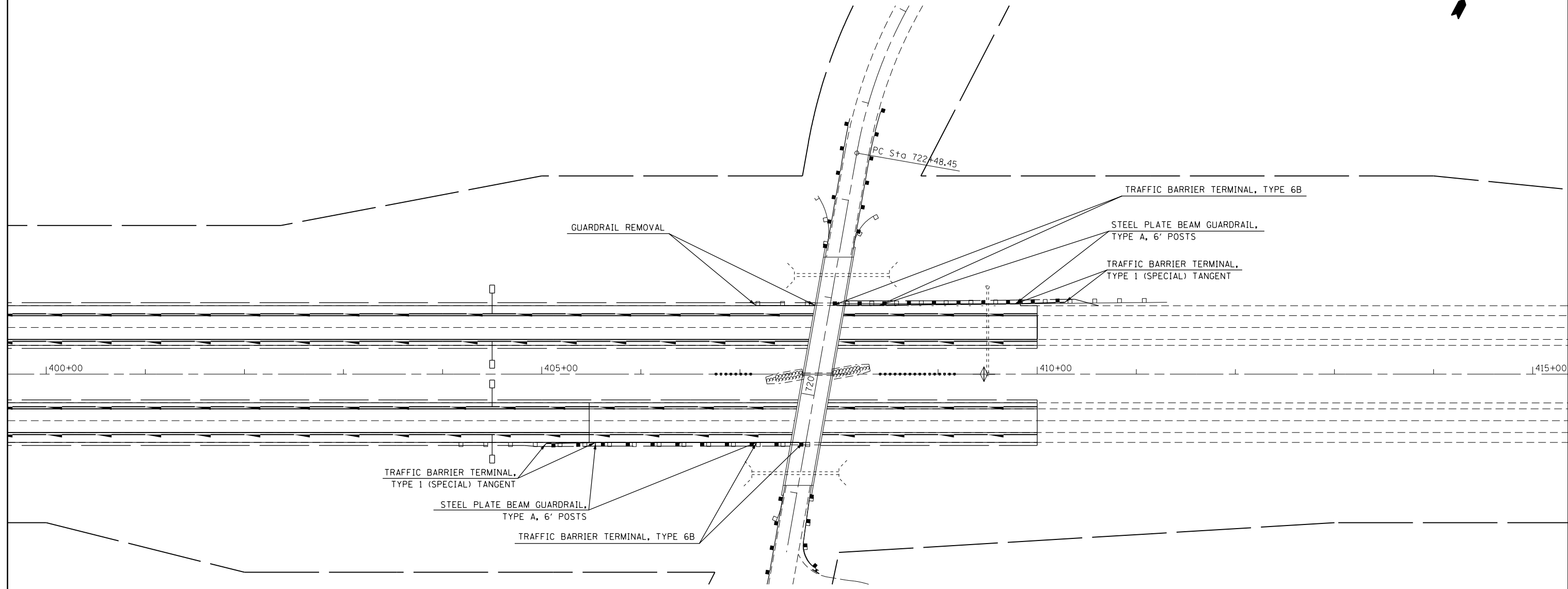
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

GUARDRAIL PLAN SHEET

SCALE: SHEET 5 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	44
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				

GUARDRAIL PLAN SHEET – LOCATION 6



STATION	OFFSET	TO	STATION	OFFSET	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS 63000001 (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 6B 63100089 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT 63100167 (EACH)	GUARDRAIL REMOVAL 63200310 (FOOT)	TERMINAL MARKER - DIRECT APPLIED 72501000 (EACH)	GUARDRAIL REFLECTORS, TYPE A 78200005 (EACH)
I-70 EASTBOUND										
405+04.45	70.00' RT.		405+54.44	69.00' RT.			1.0		1.0	
405+54.44	69.00' RT.		407+16.94	69.00' RT.	162.5					4.0
407+16.94	69.00' RT.		407+63.81	69.00' RT.		1.0				
403+94.49	69.00' RT.		407+70.49	69.00' RT.			376.0			
I-70 WESTBOUND										
407+16.12	69.24' LT.		407+76.12	69.24' LT.			60.0			
407+93.62	69.24' LT.		408+40.49	69.24' LT.		1.0				
408+40.49	69.24' LT.		409+77.98	70.07' LT.	137.5					4.0
408+90.48	70.07' LT.		410+27.96	71.58' LT.				1.0	1.0	
408+06.12	69.24' LT.		411+31.09	72.47' LT.			325.0			

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Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = 8/10/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

GUARDRAIL PLAN SHEET

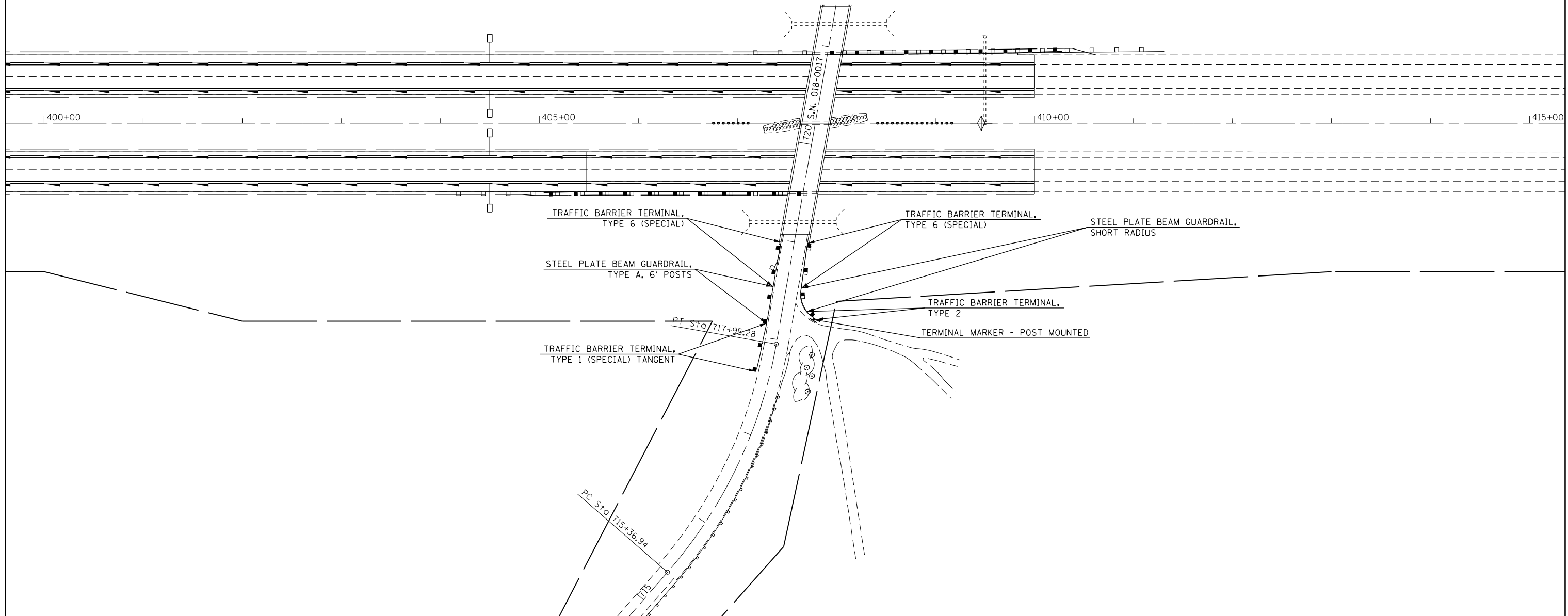
SCALE: SHEET 6 OF 8 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	45
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				

GUARDRAIL PLAN SHEET – LOCATION 7

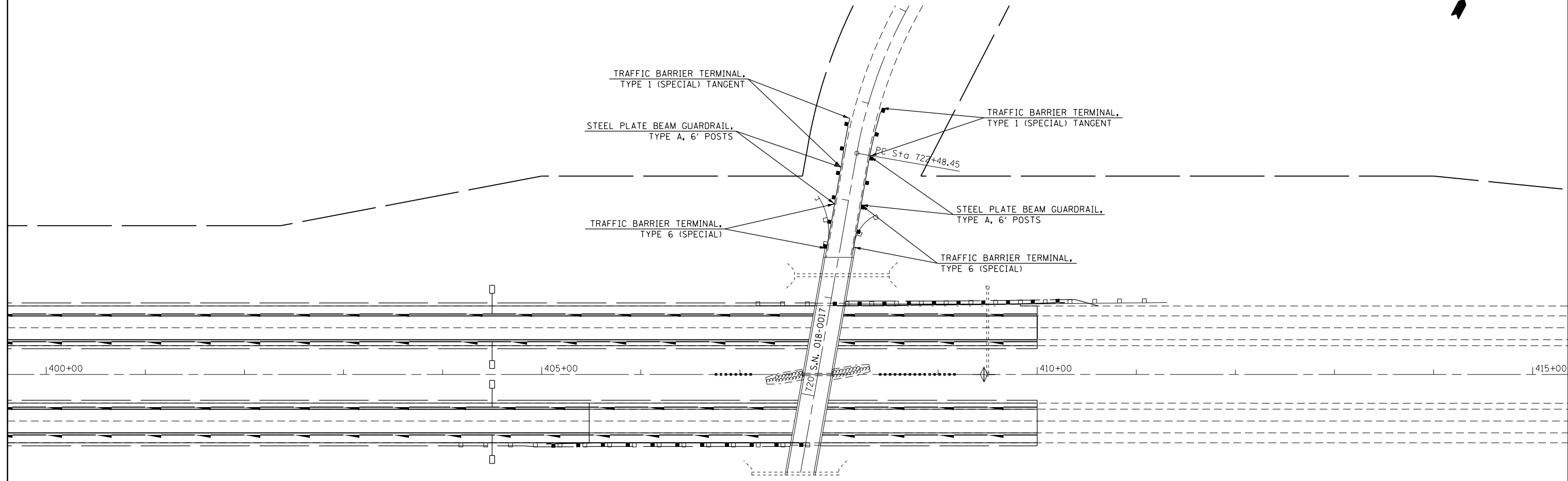


STATION	OFFSET	TO	STATION	OFFSET	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS 63000001 (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 2 63100045 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT 63100167 (EACH)	GUARDRAIL REMOVAL 63200310 (FOOT)	TERMINAL MARKER - DIRECT APPLIED 72501000 (EACH)	TERMINAL MARKER - POST MOUNTED 72501100 (EACH)	GUARDRAIL REFLECTORS, TYPE A 78200005 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6 (SPECIAL) X6310214 (EACH)	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS) X6330725 (FOOT)
CO. RD. 1225 N. NORTHBOUND													
718+26.25	32.71' RT.		---	---						1.0			
718+26.75	35.27' RT.		718+33.10	24.61' RT.		1.0							
718+33.10	24.61' RT.		718+55.38	14.95' RT.							4.0		25.0
718+55.38	24.61' RT.		719+01.00	13.25' RT.								1.0	
718+29.06	30.14' RT.		718+98.50	13.25' RT.				75.0					
CO. RD. 1225 N. SOUTHBOUND													
717+63.42	14.62' LT.		718+14.35	13.25' LT.					1.0				
718+14.35	13.25' LT.		718+51.85	13.25' LT.	37.5						4.0		
718+51.85	13.25' LT.		718+97.50	13.25' LT.								1.0	
718+68.21	15.93' LT.		718+95.00	13.25' LT.				27.0					



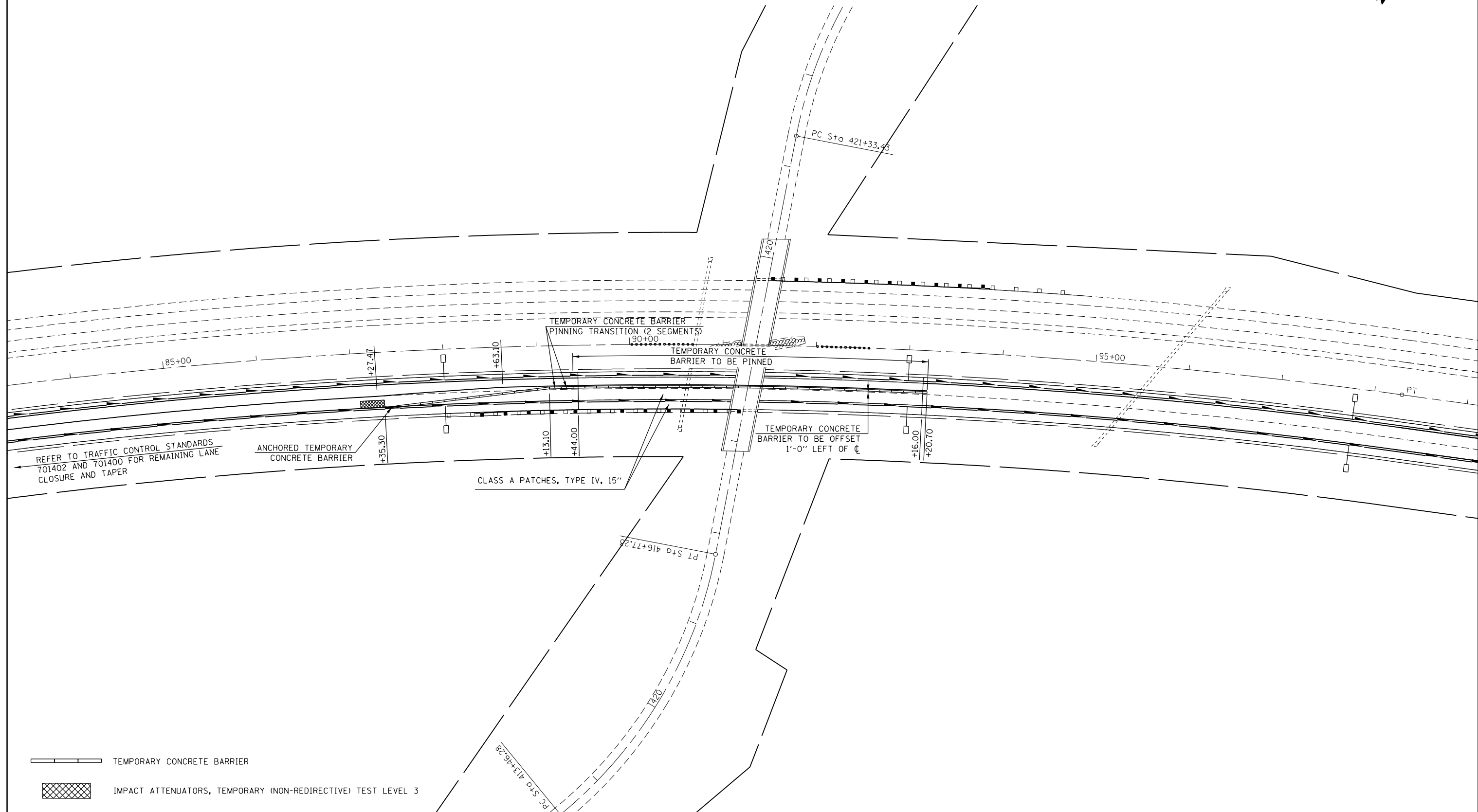
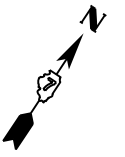
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						70	(18-45)RS-5	CUMBERLAND	65	46	
						CONTRACT NO. 74722					
						ILLINOIS FED. AID PROJECT					
Default	PLOT DATE = 8/10/2016	CHECKED -	REVISIED -	SCALE:		SHEET 7 OF 8 SHEETS		STA.		TO STA.	

GUARDRAIL PLAN SHEET – LOCATION 8



STATION	OFFSET	TO	STATION	OFFSET	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS 63000001 (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT 63100167 (EACH)	GUARDRAIL REMOVAL 63200310 (FOOT)	TERMINAL MARKER - DIRECT APPLIED 72501000 (EACH)	GUARDRAIL REFLECTORS, TYPE A 78200005 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6 (SPECIAL) X6310214 (EACH)
CO. RD. 1225 N. NORTHBOUND										
721+52.00	13.25' RT.		721+97.65	13.25' RT.					4.0	1.0
721+97.65	13.25' RT.		722+47.65	13.25' RT.	50.0					
722+47.65	13.25' RT.		722+99.10	14.25' RT.		1.0	1.0			
721+54.50	13.25' RT.		722+90.76	30.46' RT.			42.0			
CO. RD. 1225 N. SOUTHBOUND										
721+48.50	13.25' LT.		721+94.15	13.25' LT.					4.0	1.0
721+94.15	13.25' LT.		722+13.65	13.25' LT.	37.5					
722+13.65	13.25' LT.		722+80.70	14.25' LT.		1.0	1.0			
721+51.00	13.25' LT.		721+98.96	31.18' LT.			53.0			

TEMPORARY CONCRETE BARRIER LAYOUT EBDL & EBDL SHOULDER



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

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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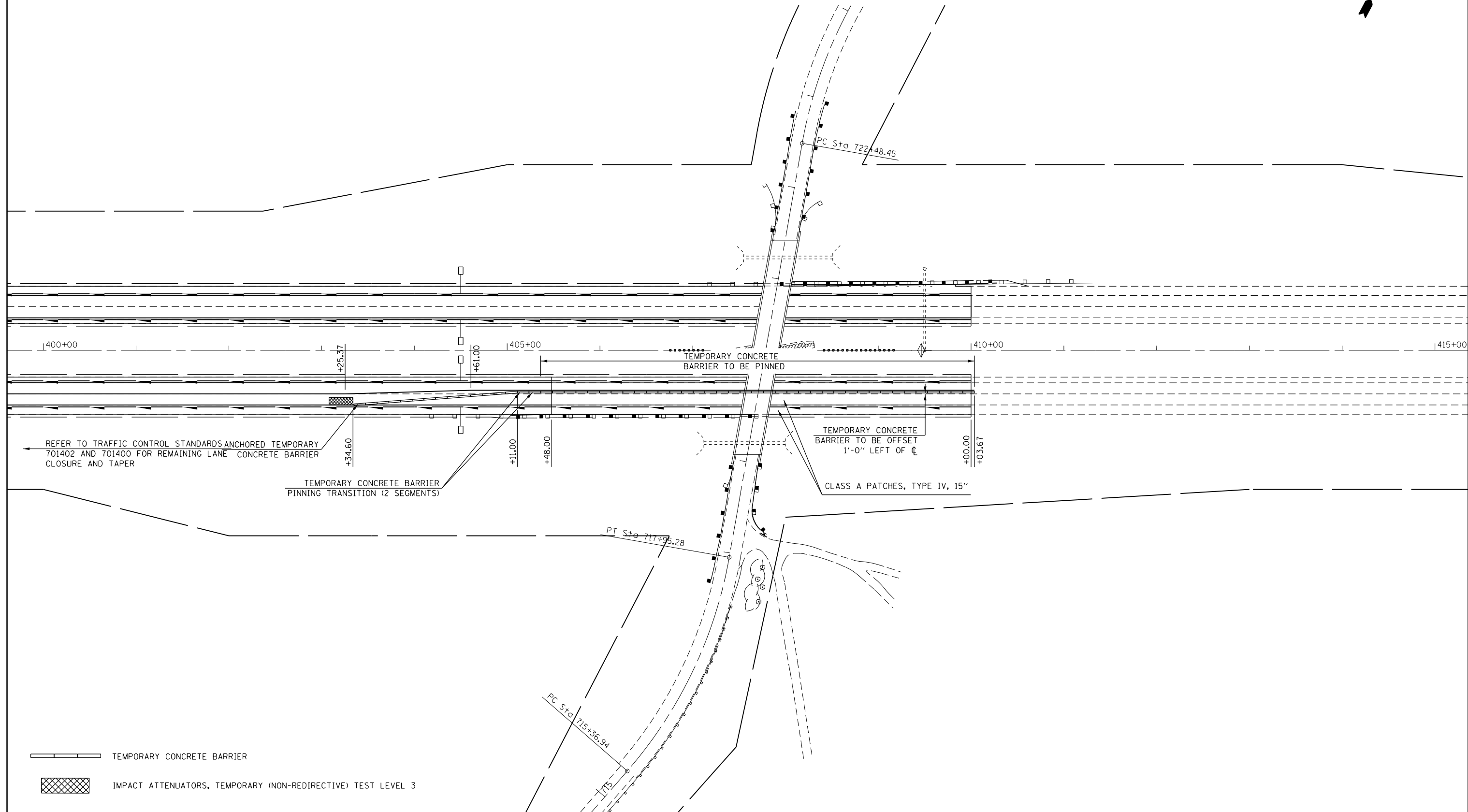
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TEMPORARY CONCRETE BARRIER
LAYOUT DETAILS**

SCALE: SHEET 1 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	48
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				

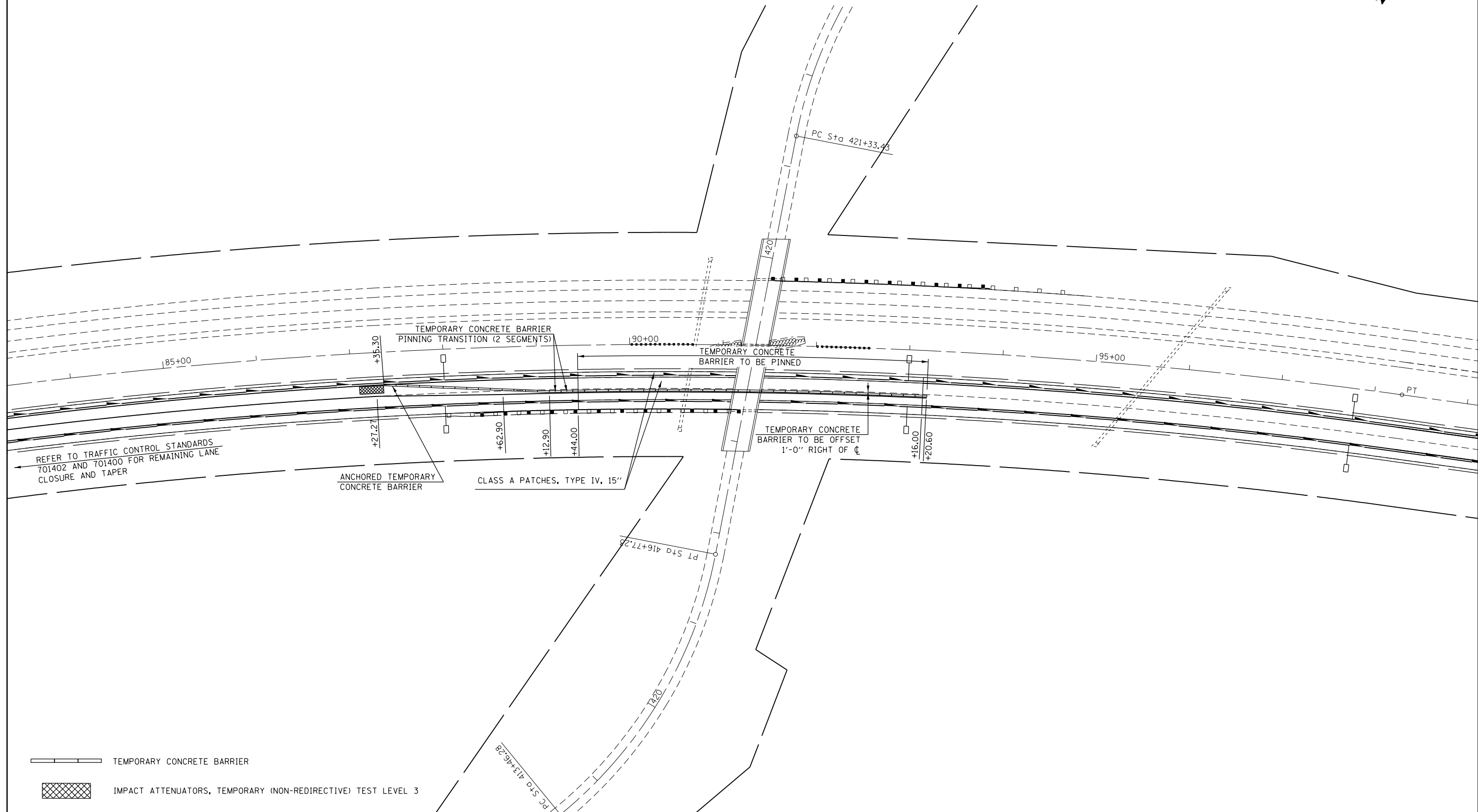
TEMPORARY CONCRETE BARRIER LAYOUT EBDL & EBDL SHOULDER



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

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY CONCRETE BARRIER LAYOUT DETAILS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74722\Drawings\CADsheets\0774722-sht-plan.dgn	Default	Default	Default			70	(18-45)RS-5	CUMBERLAND	65	49	
						CONTRACT NO. 74722					
						ILLINOIS FED. AID PROJECT					
				SCALE:		SHEET 2 OF 4 SHEETS		STA.		TO STA.	

TEMPORARY CONCRETE BARRIER LAYOUT EBPL & EBPL SHOULDER



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

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74722\Drawings\CAD\Sheets\0774722-sht-plan.dgn		DRWN -	REVISED -
Default	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -
	PLOT DATE = 8/10/2016	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

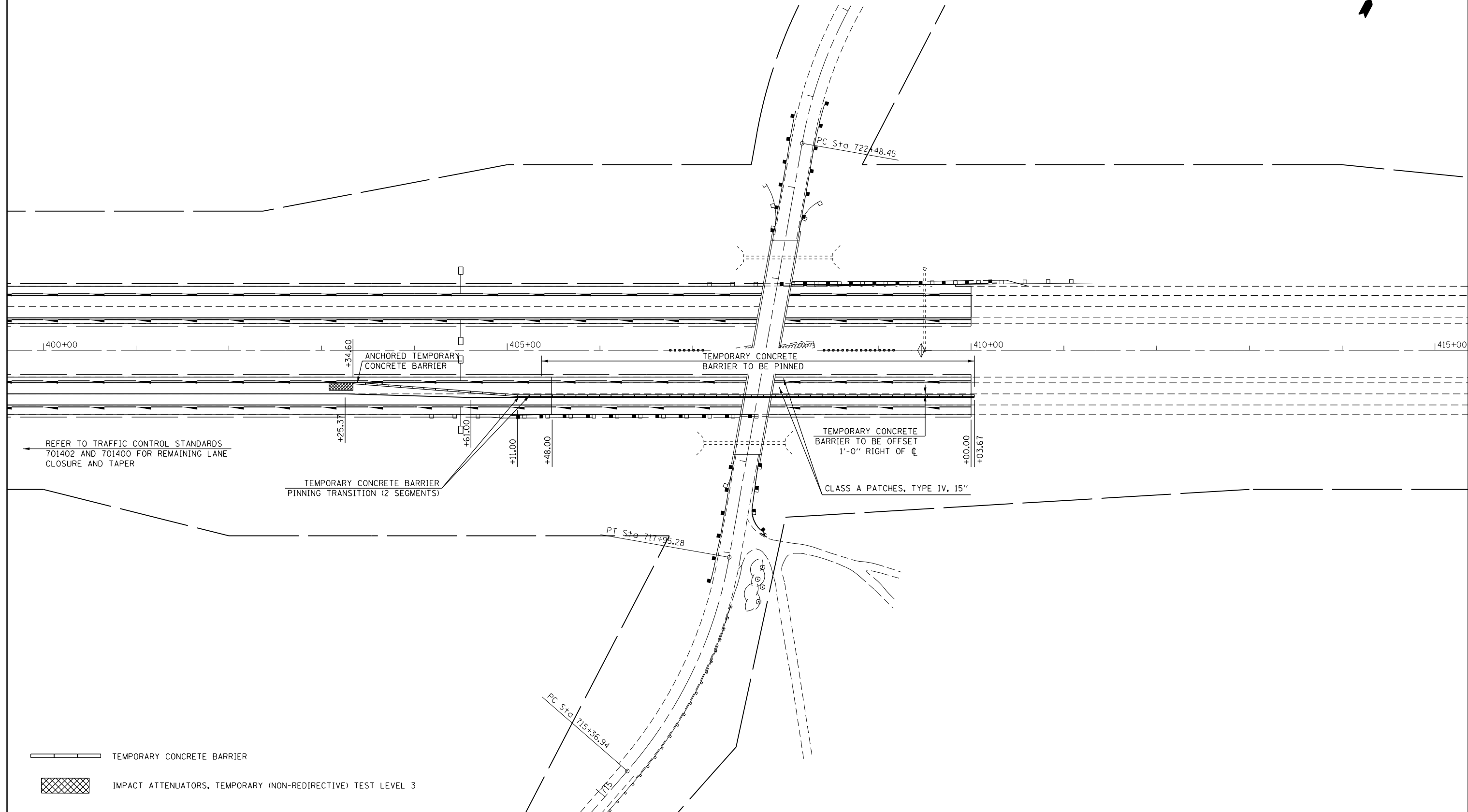
**TEMPORARY CONCRETE BARRIER
LAYOUT DETAILS**

SCALE: SHEET 3 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	50
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				

TEMPORARY CONCRETE BARRIER LAYOUT

EBPL & EBPL SHOULDER

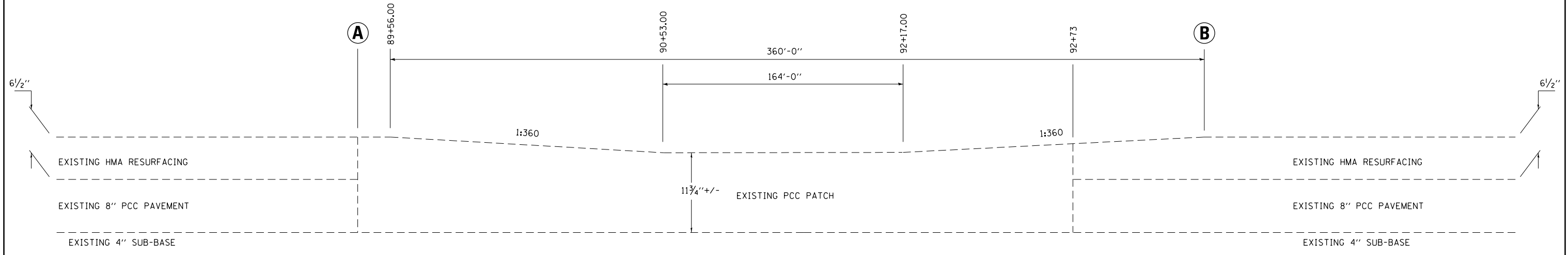


FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TEMPORARY CONCRETE BARRIER LAYOUT DETAILS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74722\Drawings\CAD\Sheets\0774722-sht-plan.dgn	DRW	REVISIONS	REVISIONS			70	(18-45)RS-5	CUMBERLAND	65	51
Default	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 74722			ILLINOIS FED. AID PROJECT	
	PLOT DATE = 8/10/2016	DATE -	REVISED -			SCALE:	SHEET 4 OF 4 SHEETS	STA.	TO STA.	

EXISTING PAVING DETAIL UNDER S.N. 018-0035

NOTE: NOT DRAWN TO SPECIFIC SCALE

(A) STATION 89+44.00 TO STATION 93+16.00 **(B)**
 89+44.00 TO 93+16.00

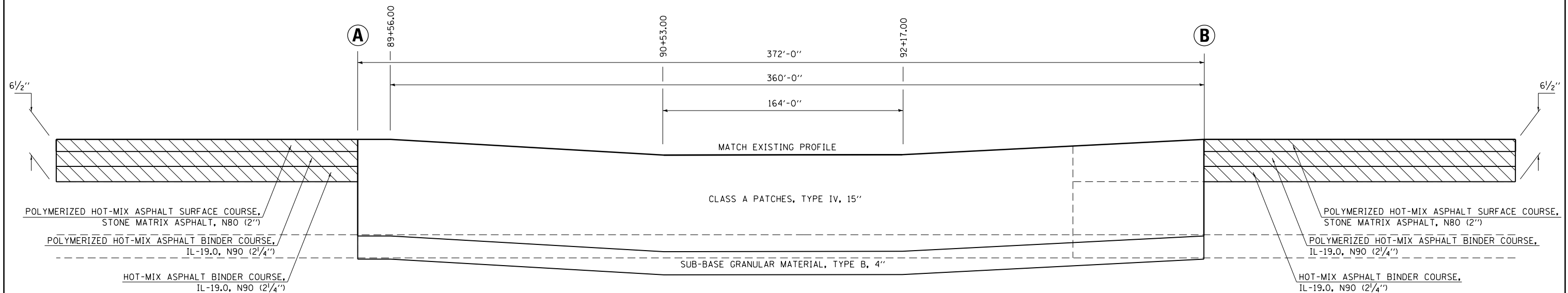


PROPOSED PAVING DETAIL FAI 70 EASTBOUND UNDER S.N. 018-0035

NOTE: NOT DRAWN TO SPECIFIC SCALE

(A) STATION 89+44.00 TO STATION 93+16.00 **(B)**
 89+44.00 TO 93+16.00

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -	REVISED -
PLOT DATE = 8/11/2016	DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

PROPOSED PAVING DETAILS

SCALE: NA SHEET NO. 1 OF 6 SHEETS STA. TO STA.

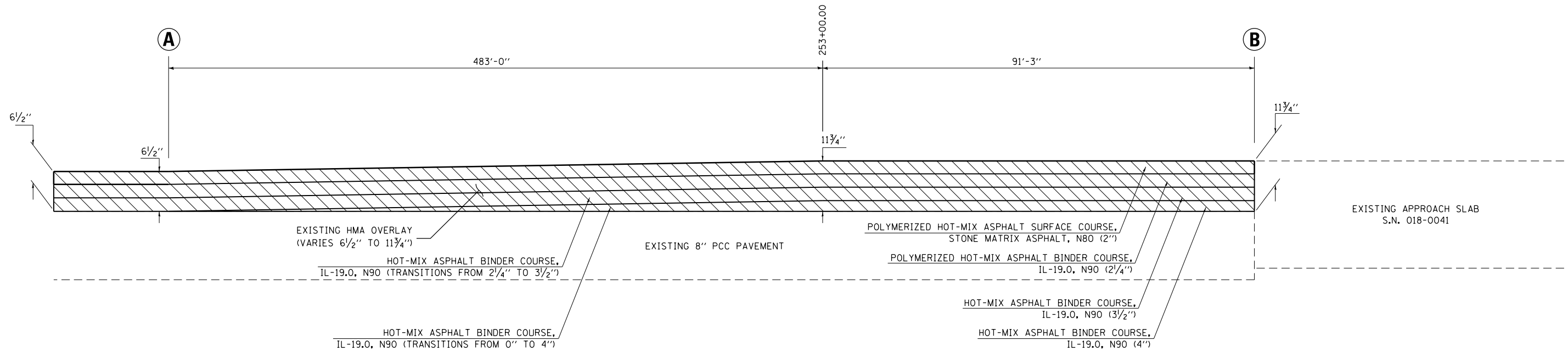
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	52
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				

PROPOSED PAVING DETAIL FAI 70 WESTBOUND – S.N. 018-0041

NOTE: NOT DRAWN TO SPECIFIC SCALE

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

(A) STATION 257+83.00 TO STATION (B) 252+08.78

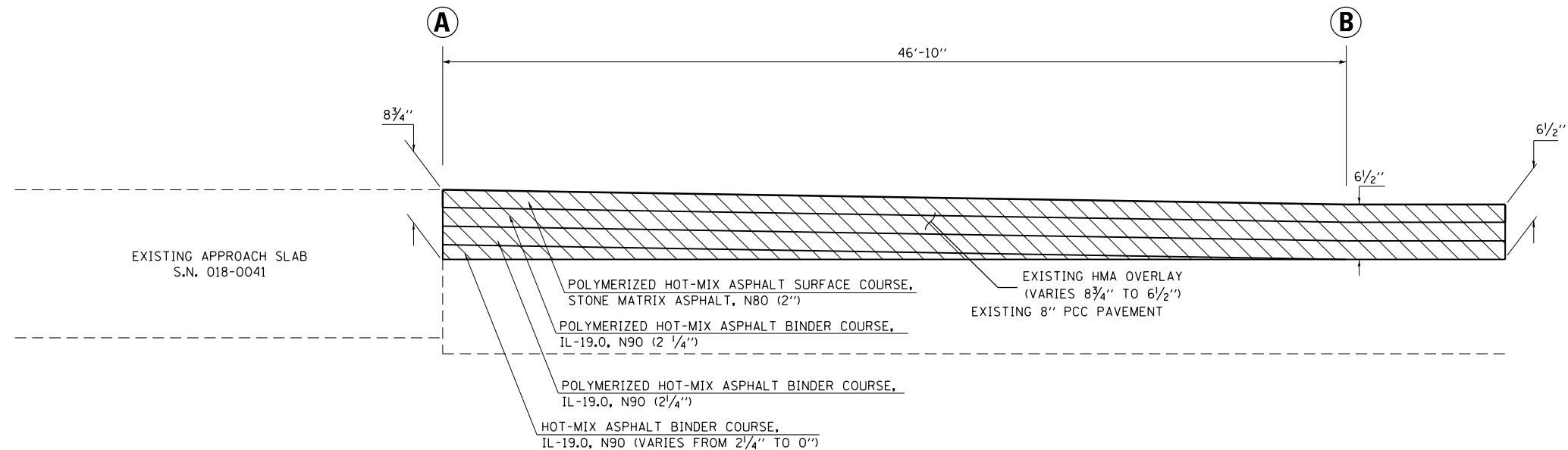


PROPOSED PAVING DETAIL FAI 70 WESTBOUND – S.N. 018-0041

NOTE: NOT DRAWN TO SPECIFIC SCALE

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH

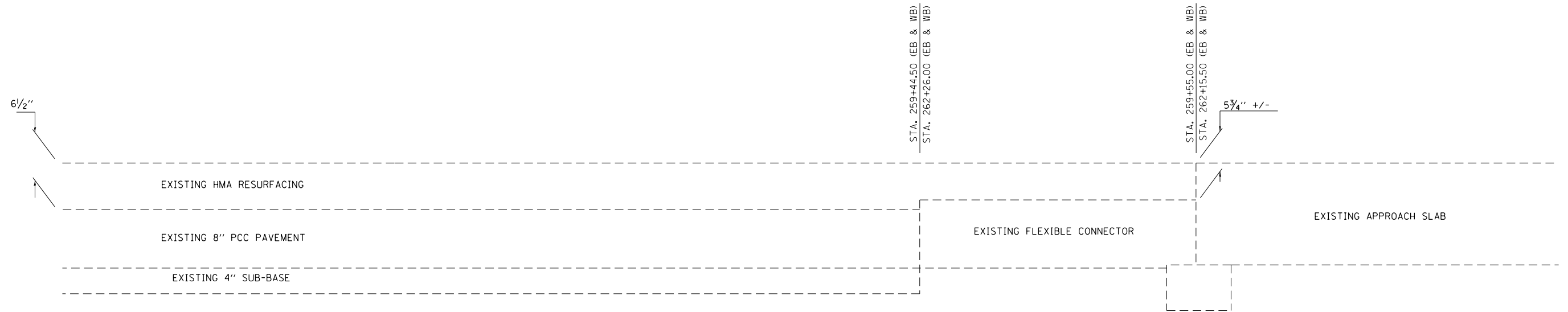
(A) STATION 250+46.87 TO STATION (B) 250+00.00



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PAVING DETAILS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74722\Drawings\CAB\Sheets\0774722-sht-details.dwg	20160811	CHECKED -	REVISED -		70	(18-45)RS-5	CUMBERLAND	65	54	CONTRACT NO. 74722		
PLOT SCALE = 100.0000' / 1" =	8/11/2016	DATE -	REVISED -		SCALE: NA	SHEET NO. 3 OF 6 SHEETS	STA.	TO STA.		ILLINOIS FED. AID PROJECT		

EXISTING PAVING DETAIL S.N. 018-0042 & S.N. 018-0043 APPROACHES

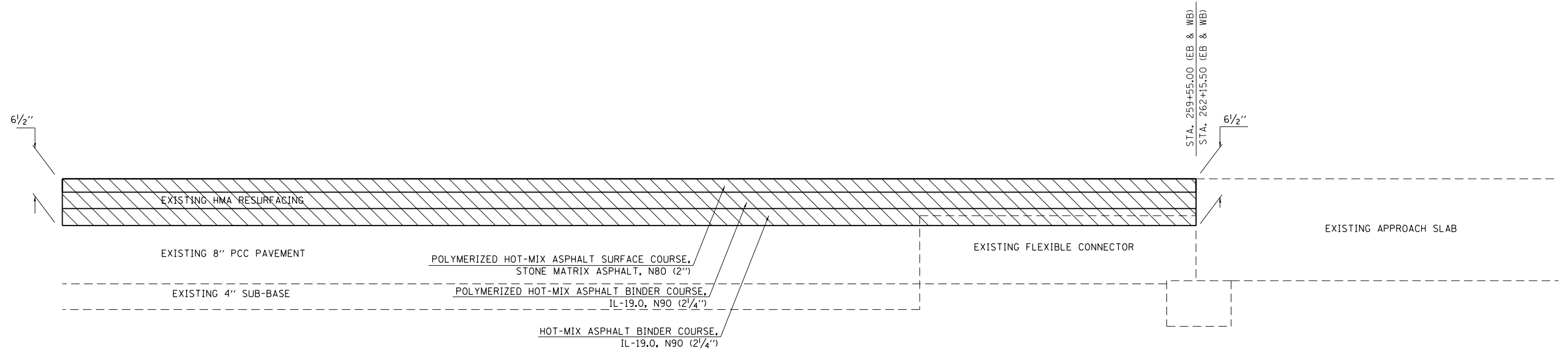
NOTE: NOT DRAWN TO SPECIFIC SCALE



PROPOSED PAVING DETAIL S.N. 018-0042 & S.N. 018-0043 APPROACHES

NOTE: NOT DRAWN TO SPECIFIC SCALE

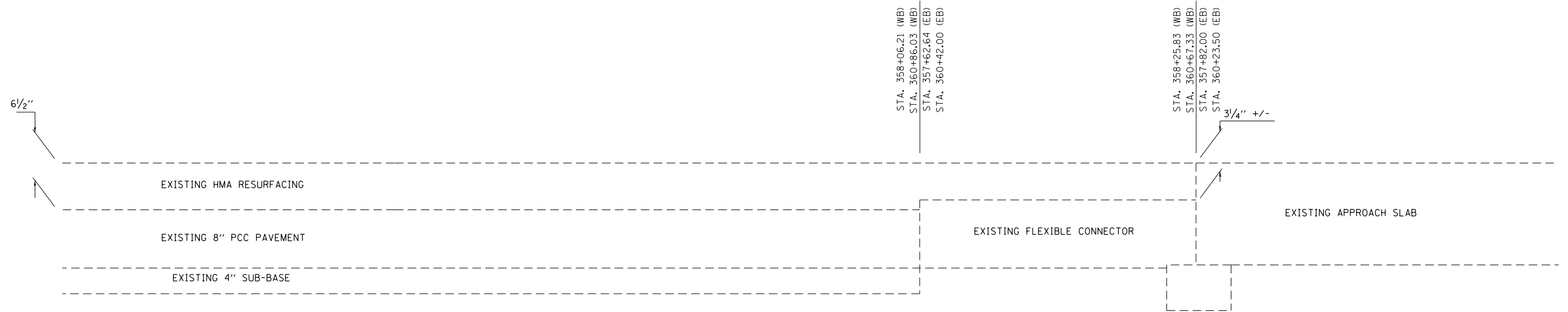
HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PAVING DETAILS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 7\Projects\74722\Drawings\CABsheets\0774722-sht-details.dgn		DRAWN -	REVISED -		70	(18-45)RS-5	CUMBERLAND	65	55	CONTRACT NO. 74722		
		CHECKED -	REVISED -		SCALE: NA	SHEET NO. 4 OF 6 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			
		DATE -	REVISED -									

EXISTING PAVING DETAIL S.N. 018-0044 & S.N. 018-0054 APPROACHES

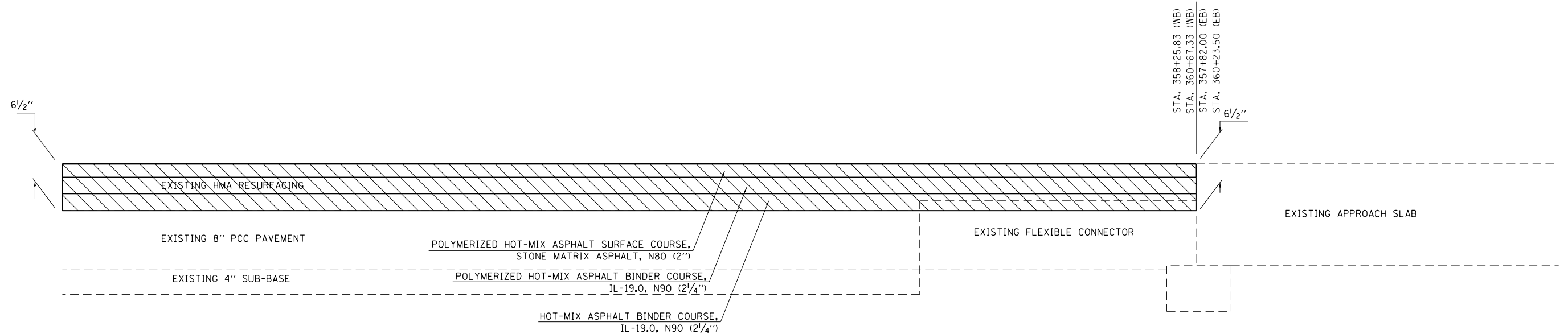
NOTE: NOT DRAWN TO SPECIFIC SCALE



PROPOSED PAVING DETAIL S.N. 018-0044 & S.N. 018-0054 APPROACHES

NOTE: NOT DRAWN TO SPECIFIC SCALE

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74722\DRAWING\CABsheets\0774722-sht-details.dgn		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

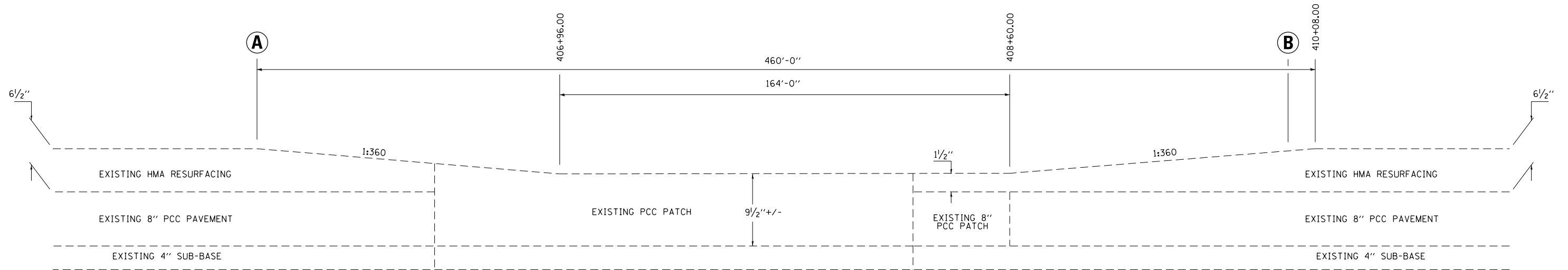
PROPOSED PAVING DETAILS	
SCALE: NA	SHEET NO. 5 OF 6 SHEETS
STA.	TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	56
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				

EXISTING PAVING DETAIL UNDER S.N. 018-0017

NOTE: NOT DRAWN TO SPECIFIC SCALE

(A) STATION 405+48.00 TO STATION 410+00.00 **(B)**
 405+48.00 TO 410+00.00

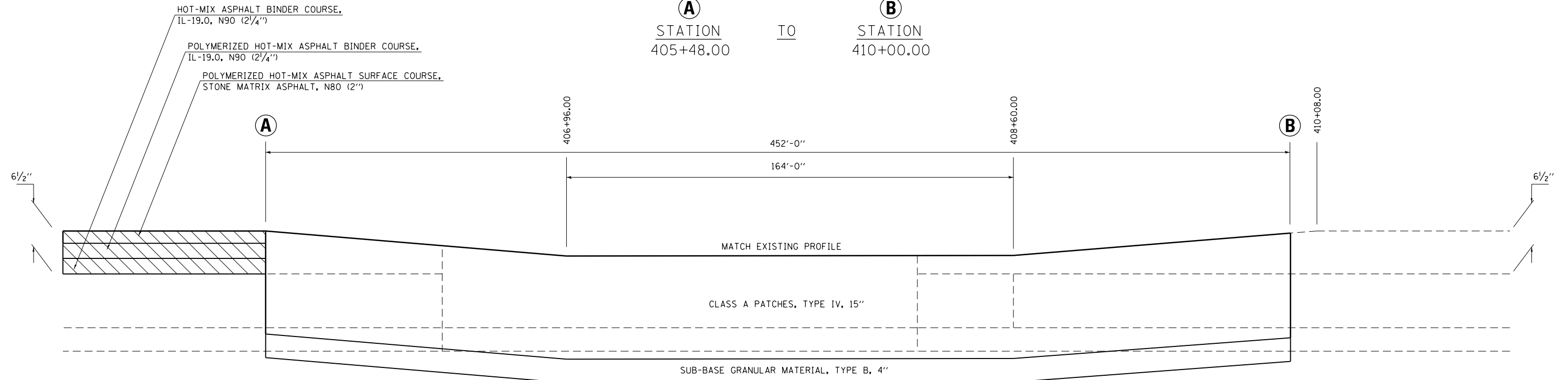


PROPOSED PAVING DETAIL FAI 70 EASTBOUND UNDER S.N. 018-0017

NOTE: NOT DRAWN TO SPECIFIC SCALE

(A) STATION 405+48.00 TO STATION 410+00.00 **(B)**
 405+48.00 TO 410+00.00

HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PROPOSED PAVING DETAILS	F.A.I. RTE. 70	SECTION (18-45)RS-5	COUNTY CUMBERLAND	TOTAL SHEETS 65	SHEET NO. 57
pw:\IL\084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 7\Projects\74722\Drawings\CABsheets\0774722-sht-details.dwg		DRAWN -	REVISED -							
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -							
	PLOT DATE = 8/11/2016	DATE -	REVISED -		SCALE: NA	SHEET NO. 6 OF 6 SHEETS	STA.	TO STA.		CONTRACT NO. 74722
										ILLINOIS FED. AID PROJECT

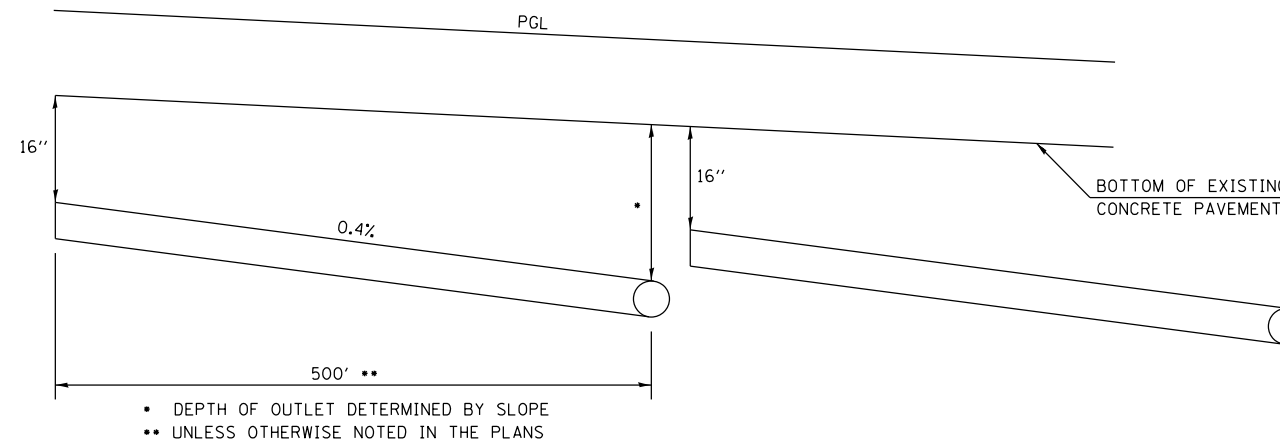
SLOPE DETAILS FOR PIPE UNDERDRAINS, TYPE 1, 6"

DIRECTION	STATION	TO	STATION	PAVEMENT PROFILE GRADE LINE (%)	PROPOSED UNDERDRAIN SLOPE (%)
EB	2771+40.00		2772+59.71	+0.20	+0.40
EB	9+02.89		32+00.00	+0.20	+0.40
EB	32+00.00		64+00.00	-0.20	-0.40
EB	64+00.00		72+00.00	+0.20	+0.40
EB	72+00.00		114+15.00	-0.24	-0.40
EB	114+15.00		144+00.00	+0.28	+0.40
EB	144+00.00		164+00.00	-0.25	-0.40
EB	164+00.00		176+00.00	+0.15	+0.40
EB	176+00.00		210+00.00	-0.30	-0.40
EB	210+00.00		221+00.00	+0.30	+0.40
EB	221+00.00		250+09.37	-1.70	PGL
EB	251+71.28		256+00.00	-1.70	PGL
EB	256+00.00		259+58.92	-0.14	-0.40
EB	262+15.50		293+00.00	-0.14	-0.40
EB	293+00.00		349+00.00	+0.10	+0.40
EB	349+00.00		357+82.00	-0.15	-0.40
EB	360+23.50		380+00.00	-0.15	-0.40
EB	380+00.00		394+50.00	+0.19	+0.40
EB	394+50.00		410+00.00	+1.98	PGL

DIRECTION	STATION	TO	STATION	PAVEMENT PROFILE GRADE LINE (%)	PROPOSED UNDERDRAIN SLOPE (%)
WB	108+45.00		114+15.00	-0.24	-0.40
WB	114+15.00		144+00.00	+0.28	+0.40
WB	144+00.00		164+00.00	-0.25	-0.40
WB	164+00.00		176+00.00	+0.15	+0.40
WB	176+00.00		210+00.00	-0.30	-0.40
WB	210+00.00		221+00.00	+0.30	+0.40
WB	221+00.00		250+46.87	-1.70	PGL
WB	252+08.78		256+00.00	-1.70	PGL
WB	256+00.00		259+58.92	-0.14	-0.40
WB	262+15.50		293+00.00	-0.14	-0.40
WB	293+00.00		349+00.00	+0.10	+0.40
WB	349+00.00		358+25.83	-0.15	-0.40
WB	360+67.33		380+00.00	-0.15	-0.40
WB	380+00.00		394+50.00	+0.19	+0.40
WB	394+50.00		410+00.00	+1.98	PGL

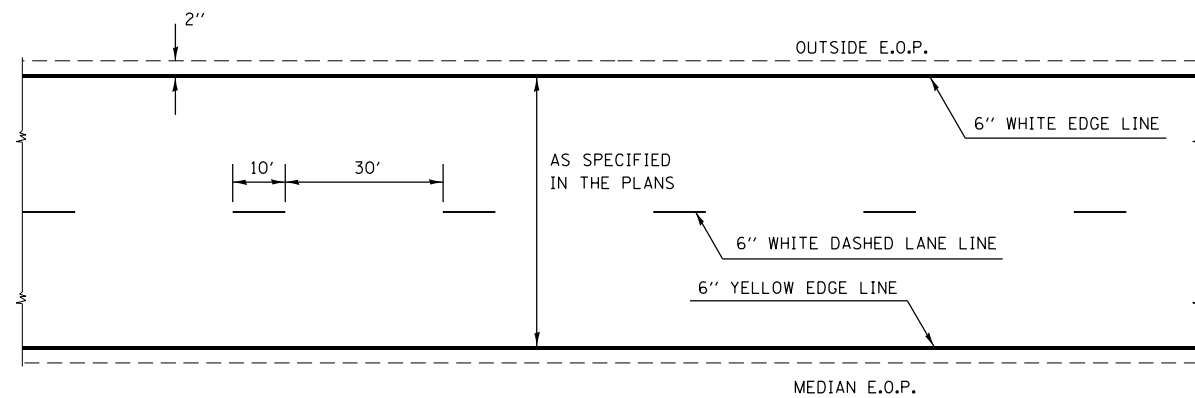
PIPE UNDERDRAIN DETAIL

(USE WHEN PGL IS LESS THAN 0.4%)

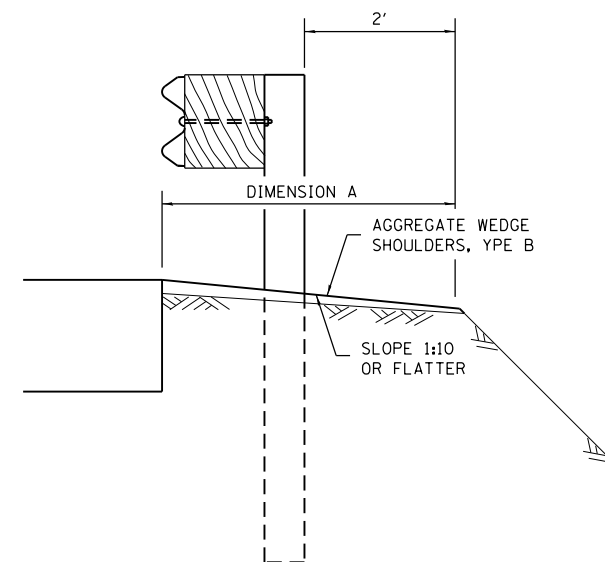


FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SLOPE DETAILS FOR PIPE UNDERDRAINS, TYPE 1, 6"	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
						70	(18-45)RS-5	CUMBERLAND	65	58	
						CONTRACT NO. 74722					
						ILLINOIS FED. AID PROJECT					
				SCALE: NA	SHEET NO. 1 OF 1 SHEETS	STA.	TO STA.				

TYPICAL CENTERLINE & EDGELINE MARKINGS



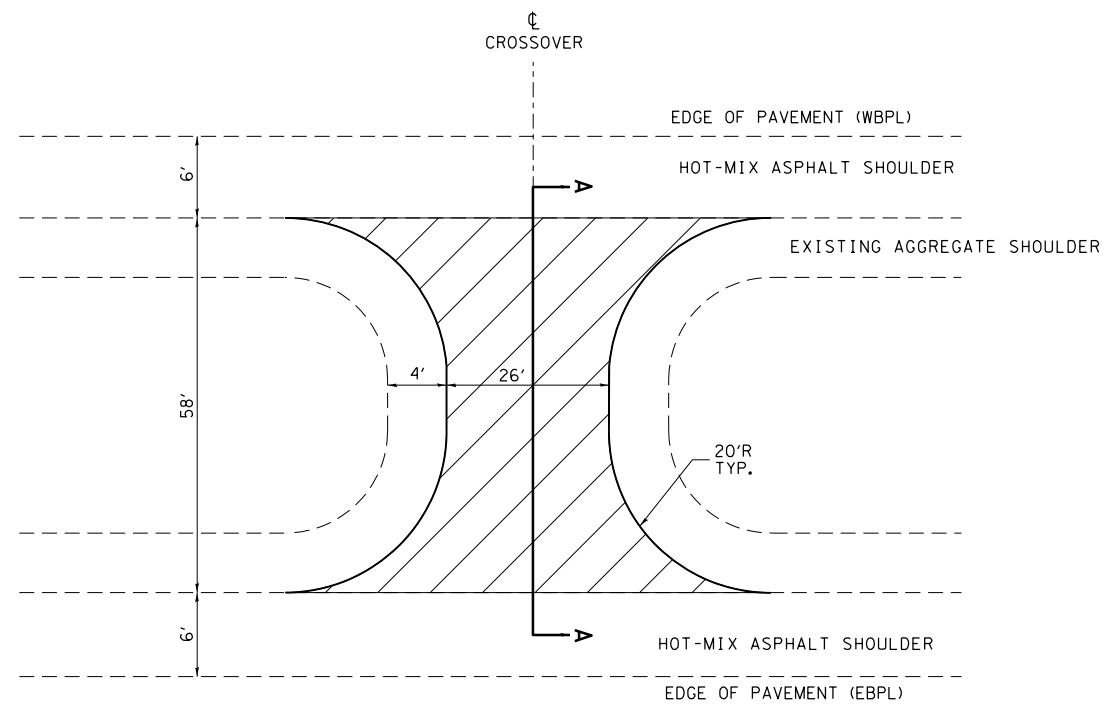
AGGREGATE WEDGE SHOULDER WIDTH AT GUARDRAIL LOCATIONS



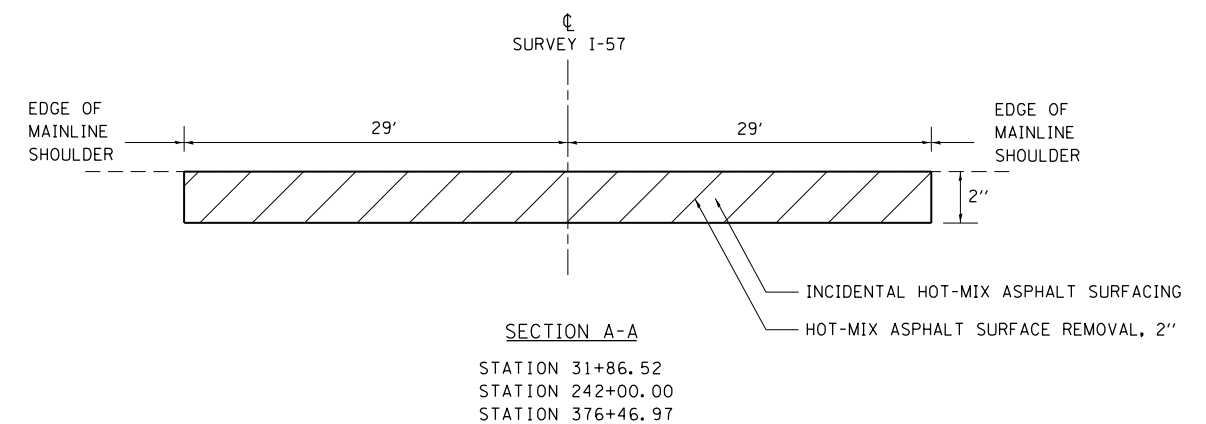
DL/PL	STATION	TO	STATION	DIMENSION A (FOOT)
EASTBOUND				
DL	89+25.74		91+07.23	3.75
PL	256+82.29		259+58.92	3.25
DL	286+92.02		300+42.01	3.75
PL	355+64.22		357+90.28	3.75
DL	355+82.14		357+71.74	3.75
DL	406+54.45		407+51.31	3.75
WESTBOUND				
DL	262+15.50		264+04.63	3.00
DL	286+84.46		300+73.95	3.75
DL	352+82.61		354+79.48	3.75
PL	360+58.82		362+85.40	3.75
DL	360+77.52		362+85.40	3.75

NOTE: SEE HIGHWAY STANDARD 630301 FOR ADDITIONAL AGGREGATE WEDGE SHOULDER, TYPE B WIDENING DETAILS AT TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT LOCATIONS

DETAIL OF MEDIAN CROSSOVERS



PLAN VIEW



FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\11\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74722\DRAWING\CAB\sheets\0774722-sht-details.dgn		CHECKED -	REVISED -
		DATE -	REVISED -

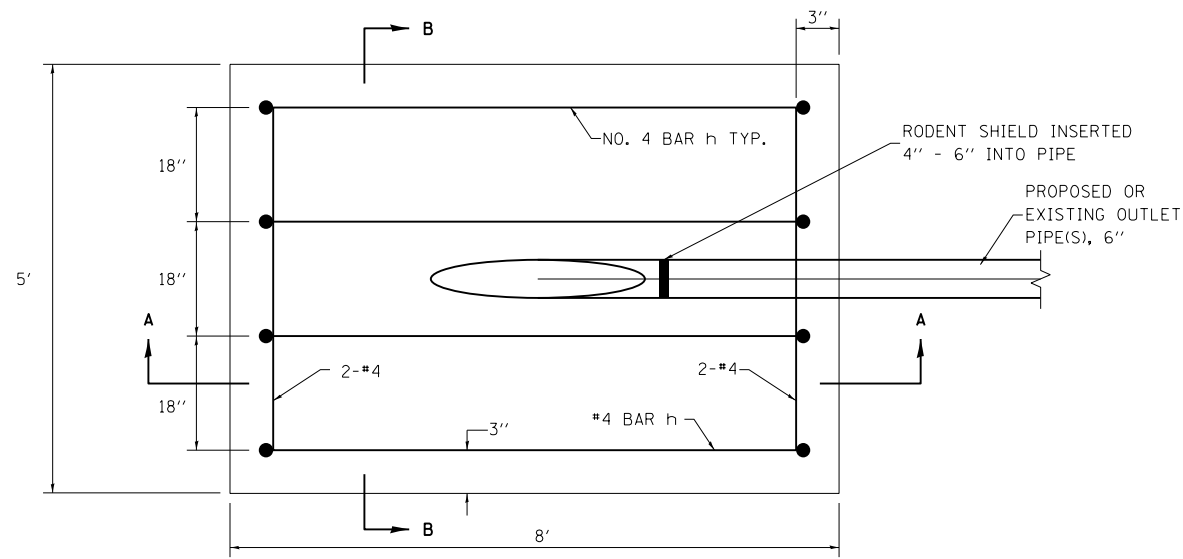
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MISCELLANEOUS DETAILS

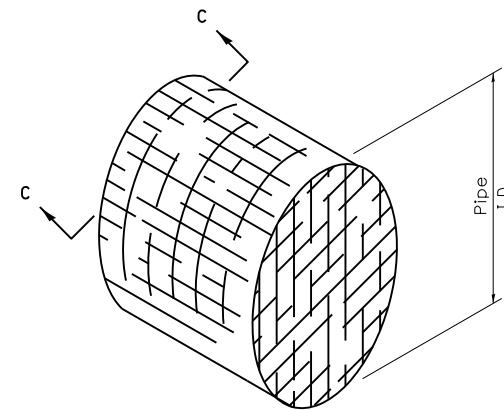
SCALE: NA SHEET NO. 1 OF 1 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	59
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				

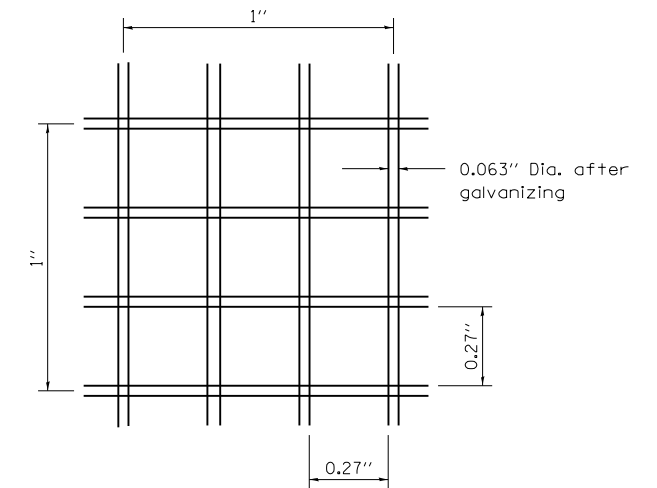
THIS SHEET INTENTIONALLY LEFT BLANK FOR INSERTION OF BRIDGE PLAN SHEET.



PLAN VIEW



DETAIL OF RODENT SHIELD



SECTION C-C

NOTES

The outlet pipe or pipes shall be located as close as possible to the center of the outlet protector.

The last 10' of outlet pipe shall be schedule 40 PVC.

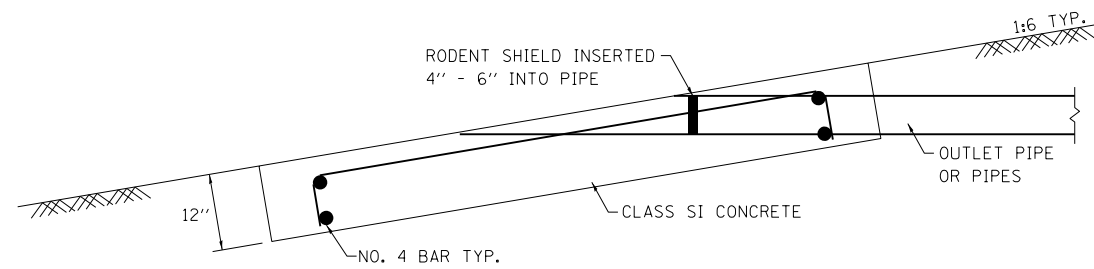
The rebars may be cut or relocated to accommodate pipe.

Cut outlet pipe on a bevel to match finished surface of surrounding PCC.

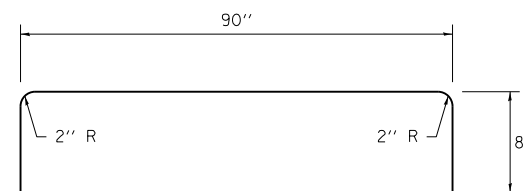
Seeding Class 2 shall be considered included in the cost of the pay items.

OUTLET PROTECTOR BILL OF MATERIALS

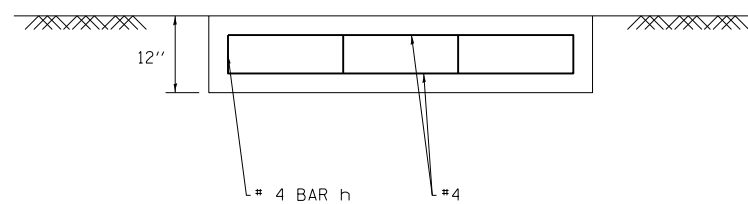
PAY ITEM	UNIT	QUANTITY (EACH OUTLET PROTECTOR)
CLASS SI CONCRETE (MISCELLANEOUS)	CU YD	1.5
REINFORCING BARS	LB	35.6
RODENT SHIELDS	EACH	1



SECTION A-A



#4 h BAR



SECTION B-B

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\74722\Drawings\CABsheets\0774722-sht-details.dwg		CHECKED -	REVISED -
		DATE -	REVISED -

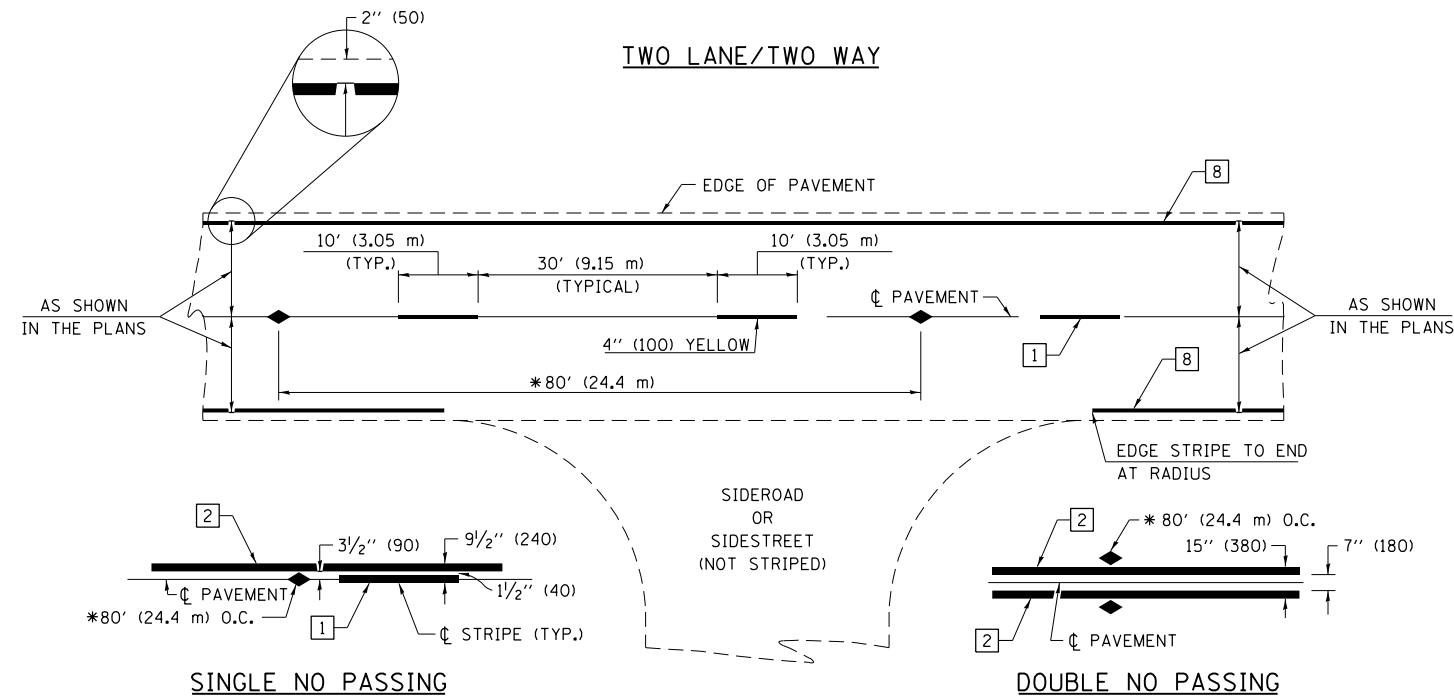
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

OUTLET PROTECTOR

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

DISTRICT 7 DETAIL NO. 601101A

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	61
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				



* REDUCE TO 40' (12.2 m) O.C. ON CURVES WITH POSTED OR ADVISORY SPEEDS OF 45 mph (70 km/h) OR LESS.

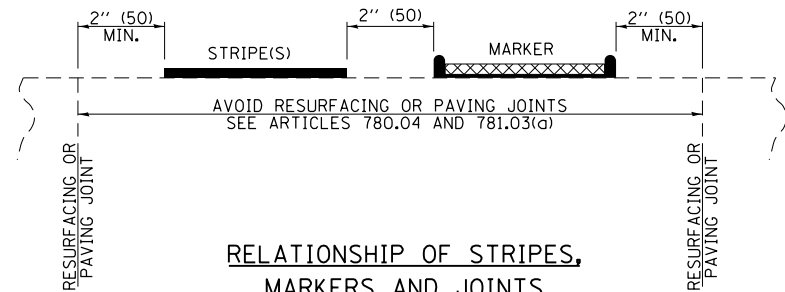
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

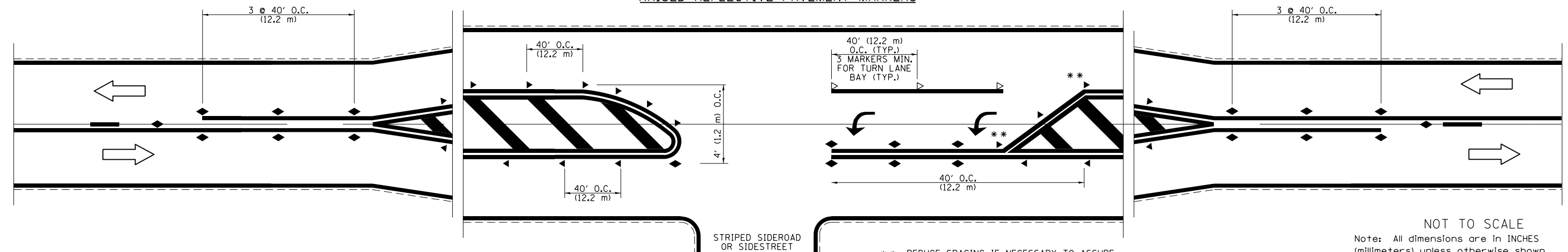
TYPICAL PAVEMENT MARKERS LEGEND

- ◆ TWO-WAY AMBER MARKER
- ▶ ONE-WAY AMBER MARKER
- ▷ ONE-WAY CRYSTAL MARKER

RELATIONSHIP OF STRIPES, MARKERS AND JOINTS



RAISED REFLECTIVE PAVEMENT MARKERS



NOT TO SCALE
Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\74722\Drawings\CABsheets\0774722-sht-details.dwg		CHECKED -	REVISED -
		DATE -	REVISED -

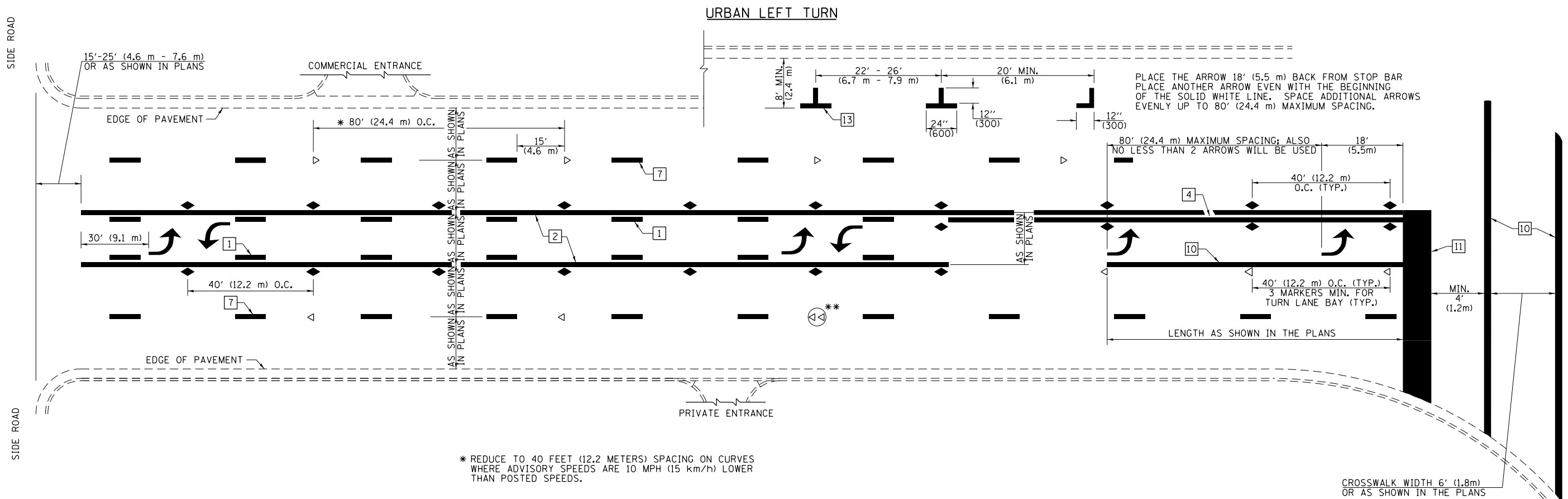
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)**

SCALE: SHEET NO. 1 OF 4 SHEETS STA. TO STA.

DISTRICT 7 DETAIL NO. 78000001

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	62
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				



PLACE THE ARROW 18' (5.5 m) BACK FROM STOP BAR
 PLACE ANOTHER ARROW EVEN WITH THE BEGINNING
 OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS
 EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING.

* REDUCE TO 40 FEET (12.2 METERS) SPACING ON CURVES
 WHERE ADVISORY SPEEDS ARE 10 MPH (15 km/h) LOWER
 THAN POSTED SPEEDS.

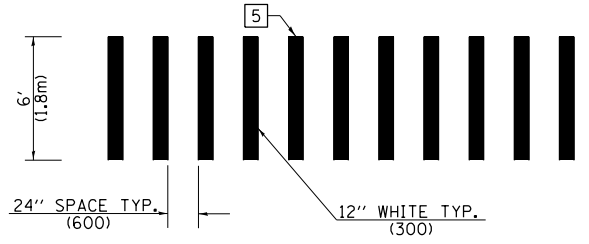
** DOUBLE LANE LINE MARKERS SHALL BE SPECIFIED
 AND SPACED AS SHOWN IN HIGHWAY STANDARD
 781001 FOR MULTI-LANE DIVIDED AND UNDIVIDED
 HIGHWAYS.

PAVEMENT MARKING LEGEND

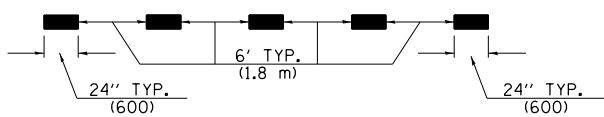
- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

GENERAL NOTES

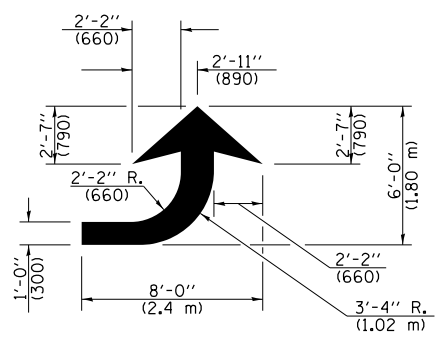
1. TURN ARROW PAIRS SHALL BE PLACED AT 250' (75 m) INTERVALS AND SHALL BE EVENLY SPACED BETWEEN BOTH ENDS OF THE BIDIRECTIONAL LEFT TURN LANE. USE A MINIMUM OF TWO PAIRS PER BLOCK.
2. THE SOLID YELLOW PAVEMENT MARKINGS [2] SHOULD GENERALLY START OR END NEAR THE RADIUS POINT OF EACH STREET RETURN EXCEPT WHERE ONE OR BOTH ENDS WOULD INCLUDE STOP BARS.
3. THE SKIP-DASH PAVEMENT MARKINGS [1] OR [7] SHOULD BE CENTERED BETWEEN BOTH ENDS OF EACH CITY BLOCK AND SHALL BE PLACED SO THEY LINE UP ACROSS FROM EACH OTHER.
4. USE LARGE ARROW SIZE FOR BOTH RURAL AND URBAN LOCATIONS. (SEE LAST PAGE OF SECTION 780x FOR SYMBOLS TABLE)
5. LANE LINE EXTENSIONS SHALL BE THE SAME COLOR AND WIDTH AS THE LANE LINE BEING EXTENDED.



**CROSSWALK DETAIL
 (DECATUR CITY LIMITS ONLY)**

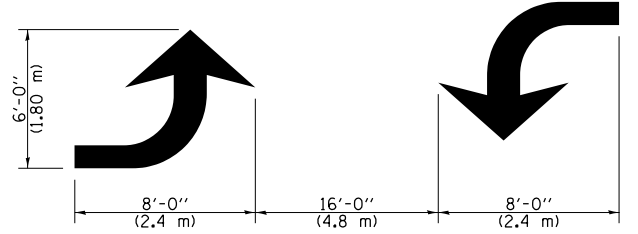


LANE LINE EXTENSIONS



LEFT ARROW

REVERSE FOR RIGHT ARROW
 AREA = 15.6 SQ. FT. (1.47 m²)
 (WHITE)



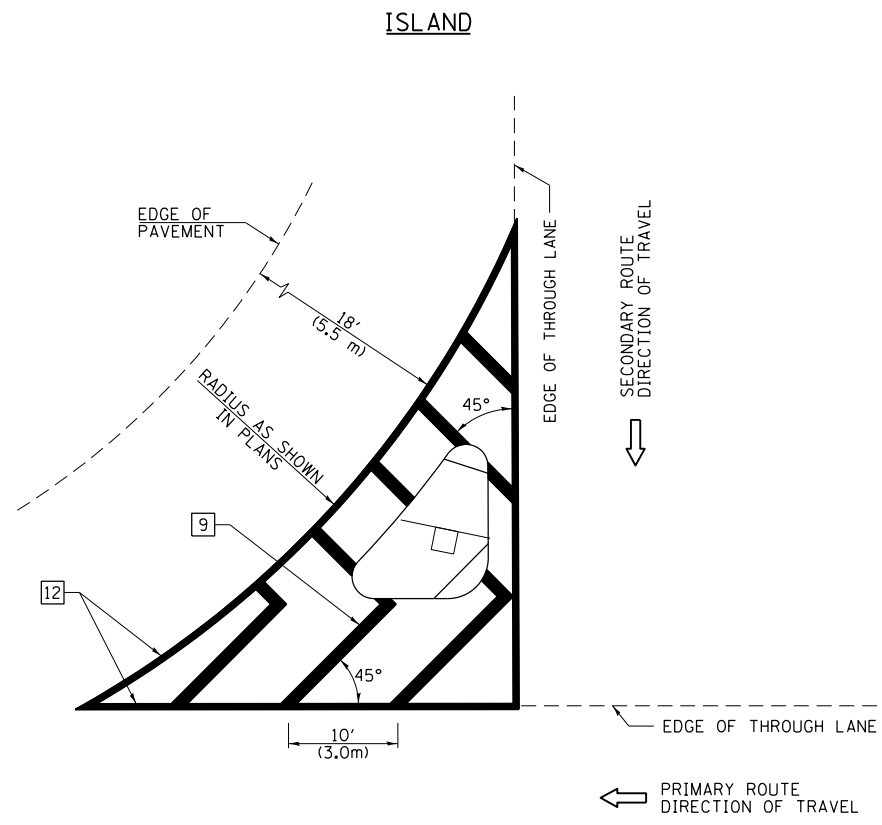
**TYPICAL DOUBLE
 TURN ARROWS (WHITE)**

NOT TO SCALE

Note: All dimensions are in INCHES
 (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL & URBAN APPLICATIONS)		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 7\Projects\74722\Drawings\CABsheets\0774722-sht-details.dgn	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -				70	(18-45)RS-5	CUMBERLAND	65	63
PLOT DATE = 8/10/2016	DATE -	REVISED -	REVISED -				CONTRACT NO. 74722				
							ILLINOIS FED. AID PROJECT				

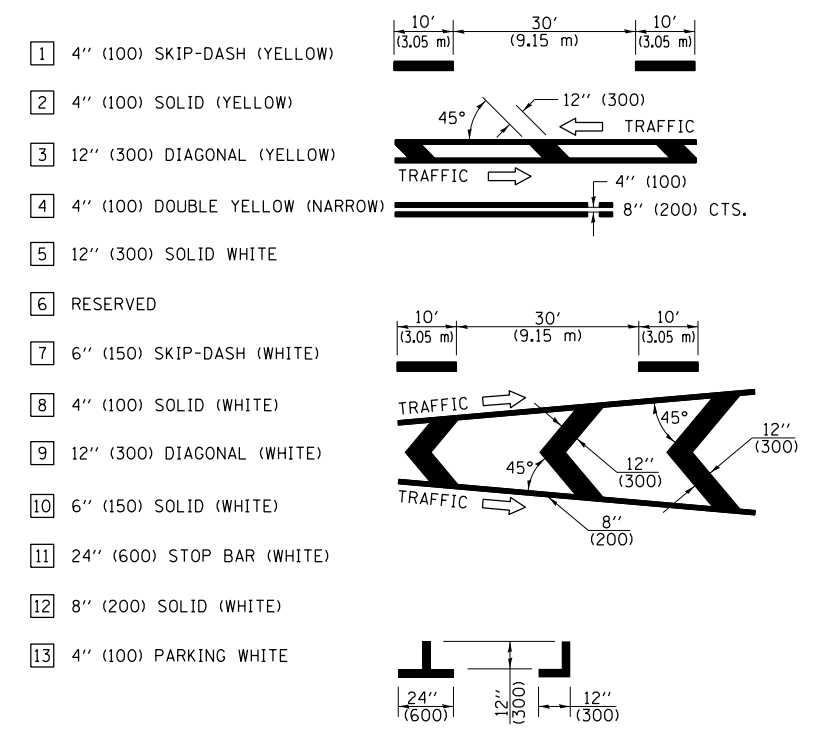


GENERAL NOTES

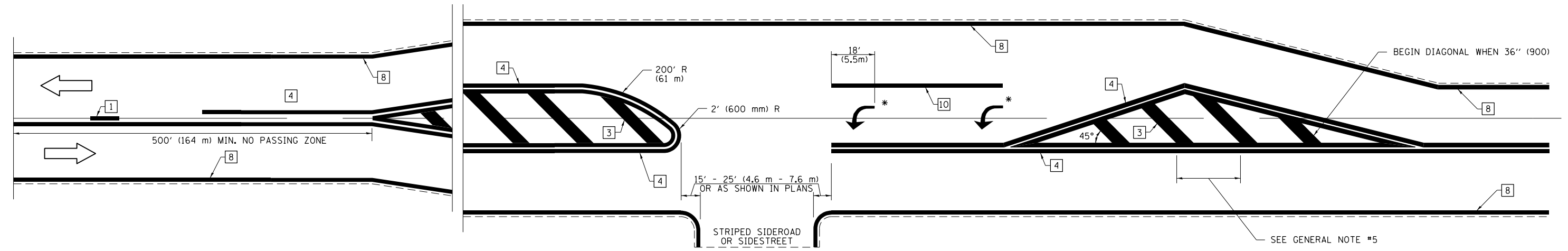
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING ANY RAISED REFLECTIVE PAVEMENT MARKERS.
5. THE FOLLOWING CRITERIA SHALL BE USED FOR SELECTING THE DIAGONAL PAVEMENT MARKING SPACING:

< 30 MPH (< 50 km/h)	15' (4.5 m)
30-45 MPH (50-75 km/h)	20' (6.0 m)
> 45 MPH (> 75 km/h)	30' (9.0 m)

PAVEMENT MARKING LEGEND



RURAL LEFT TURN STRIPING



* PLACE AN ARROW 18' (5.5 m) BACK FROM STOP BAR. PLACE ANOTHER ARROW EVEN WITH THE BEGINNING OF THE SOLID WHITE LINE. SPACE ADDITIONAL ARROWS EVENLY UP TO 80' (24.4 m) MAXIMUM SPACING. USE MINIMUM OF 2 ARROWS.

NOT TO SCALE
 Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 7\Projects\74722\Drawings\CABsheets\0774722-sht-details.dwg		DRAWN -	REVISED -
	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
	PLOT DATE = 8/10/2016	DATE -	REVISED -

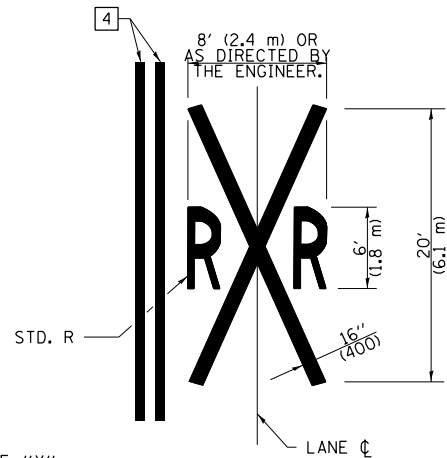
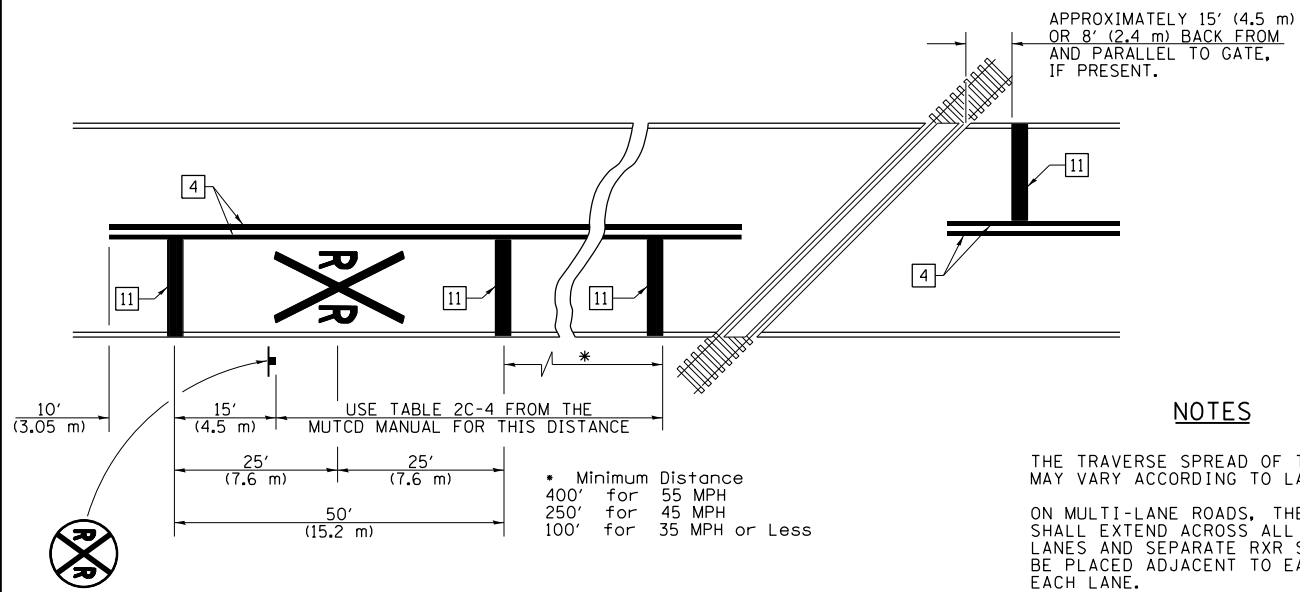
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
 (RURAL & URBAN APPLICATIONS)**

F.A.I. RTE. =	SECTION =	COUNTY =	TOTAL SHEETS =	SHEET NO. =
70	(18-45)RS-5	CUMBERLAND	65	64
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET NO. 3 OF 4 SHEETS STA. TO STA.

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING



NOTES

THE TRAVERSE SPREAD OF THE "X" MAY VARY ACCORDING TO LANE WIDTH.

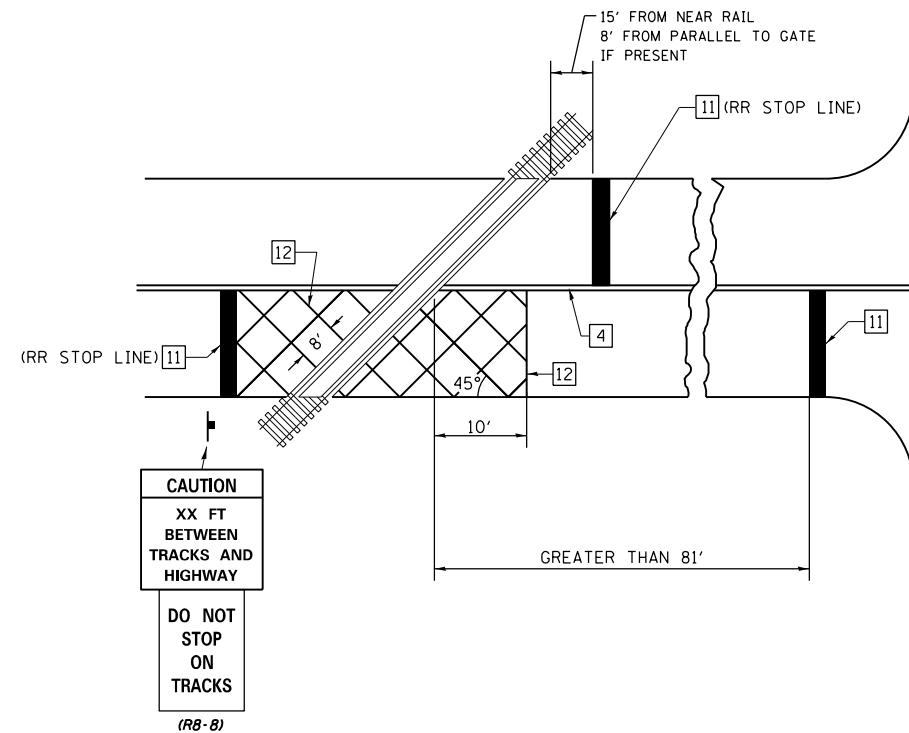
ON MULTI-LANE ROADS, THE STOP LINES SHALL EXTEND ACROSS ALL APPROACH LANES AND SEPARATE RXR SYMBOLS SHALL BE PLACED ADJACENT TO EACH OTHER IN EACH LANE.

WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE II-1, CONDITION B OF THE MUTCD.

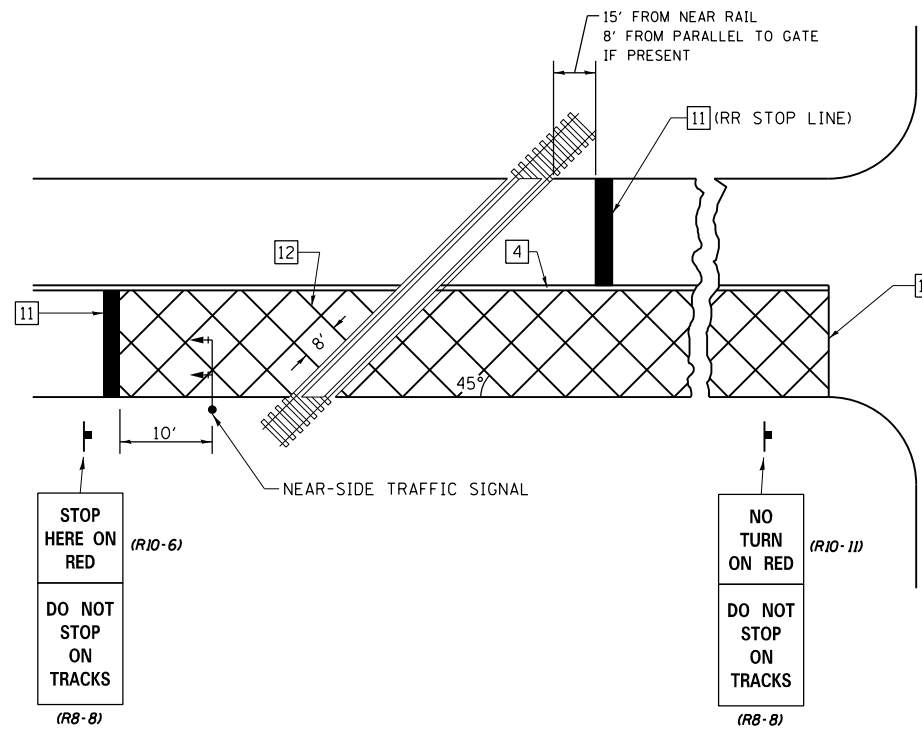
PAVEMENT MARKING LEGEND

- 1 4" (100) SKIP-DASH (YELLOW)
- 2 4" (100) SOLID (YELLOW)
- 3 12" (300) DIAGONAL (YELLOW)
- 4 4" (100) DOUBLE YELLOW (NARROW)
- 5 12" (300) SOLID WHITE
- 6 RESERVED
- 7 6" (150) SKIP-DASH (WHITE)
- 8 4" (100) SOLID (WHITE)
- 9 12" (300) DIAGONAL (WHITE)
- 10 6" (150) SOLID (WHITE)
- 11 24" (600) STOP BAR (WHITE)
- 12 8" (200) SOLID (WHITE)
- 13 4" (100) PARKING WHITE

RAILROAD CROSSING WITH INTERCONNECT ONLY



RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

- SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
- EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE

Note: All dimensions are in INCHES (millimeters) unless otherwise shown.

DISTRICT 7 DETAIL NO. 7800001

FILE NAME =	USER NAME = steffenmk	DESIGNED -	REVISED -
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		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS
(RURAL & URBAN APPLICATIONS)

SCALE: SHEET NO. 4 OF 4 SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
70	(18-45)RS-5	CUMBERLAND	65	65
CONTRACT NO. 74722				
ILLINOIS FED. AID PROJECT				