

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO. 70643		
** CHAMPAIGN & VERMILION COUNTIES				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

F.A.I. ROUTE 74
SECTION FY08HSIP
PROJECT ACHSIP-074-6(150)200
CHAMPAIGN & VERMILION COUNTIES
GUARDRAIL IMPACT ATTENUATORS
C-95-014-07

D95-014-07
172
174

FOR INDEX OF SHEETS, SEE SHEET NO. 4
FOR SUMMARY OF QUANTITIES, SEE SHEET NO. 6 - 7

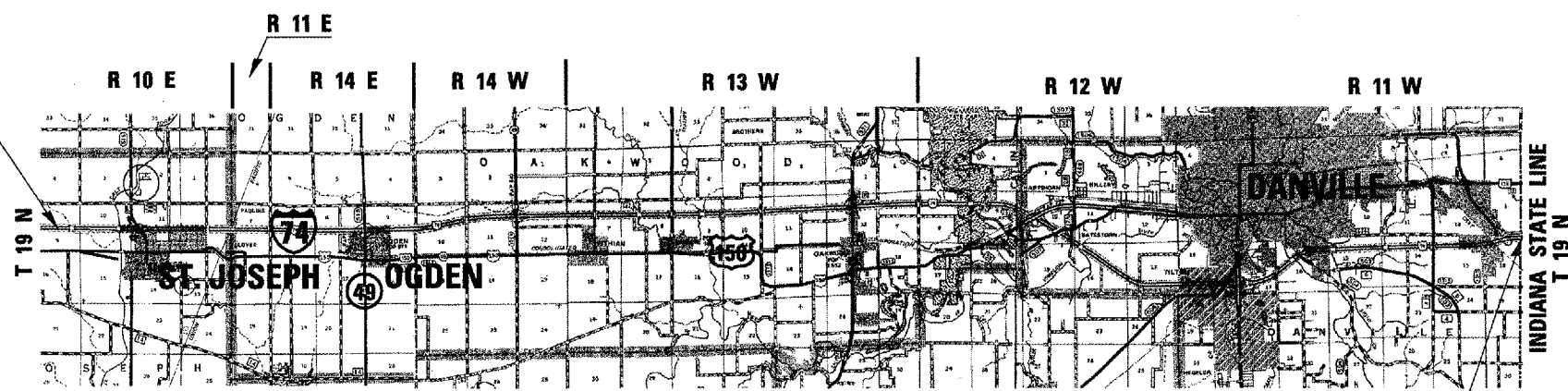


LOCATION OF SECTION INDICATED THUS: - - - - -

PROJECT BEGINS
STA. 734 + 00

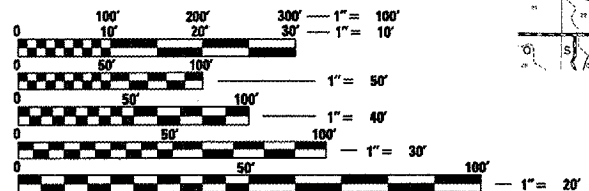
ADT: 29,200 (2007)

DESIGN DESIGNATION
FUNCTIONAL CLASSIFICATION
INTERSTATE



CHAMPAIGN COUNTY
VERMILION COUNTY

PROJECT ENDS
STA. 2231 + 13.24



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: KENSIL GARNETT
SQUAD LEADER: CORY SHEEHY
DESIGNER: RYAN CARROLL
CONTRACT NO. 70643

TOTAL LENGTH OF SECTION & PROJECT = 149,713.24 FEET = 28.355 MILES
NET LENGTH OF SECTION & PROJECT = 149,713.24 FEET = 28.355 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED 12/20 20 07

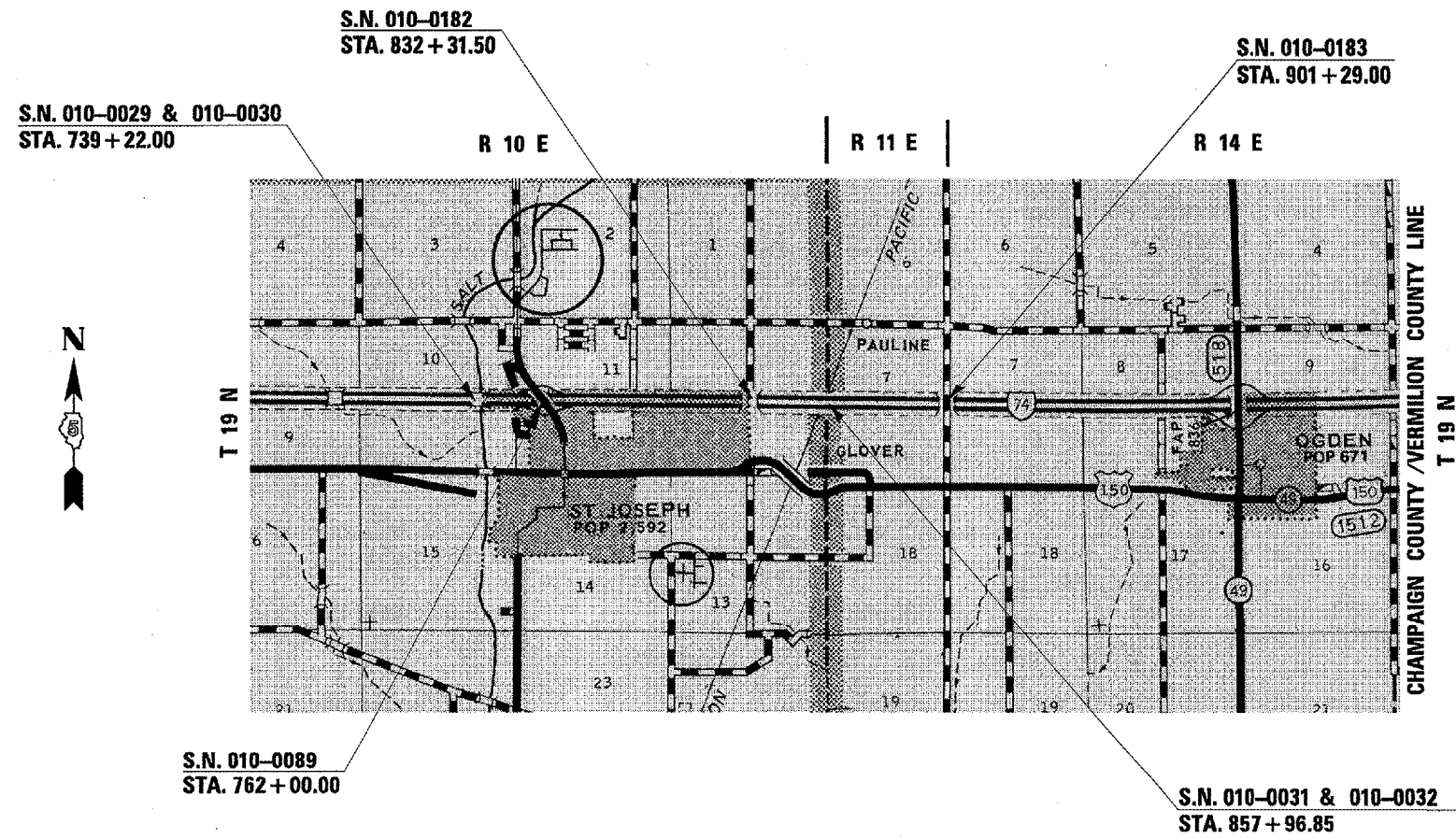
Joseph L. Asmus
DEPUTY DIRECTOR OF HIGHWAYS, REGION 3 ENGINEER

February 1, 20 08
Eric E. Harms
ENGINEER OF DESIGN AND ENVIRONMENT

February 1, 20 08
Christine M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

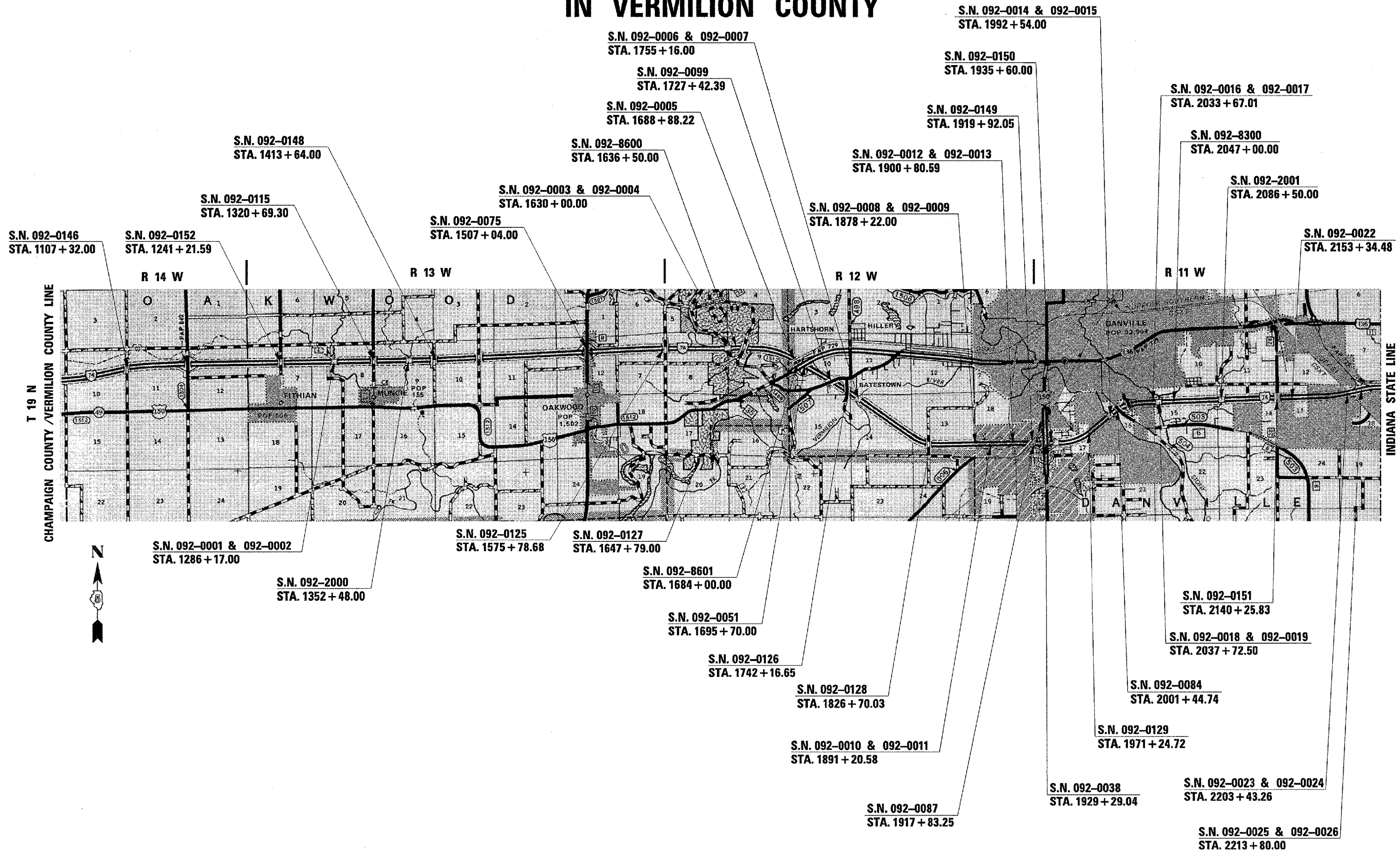
**PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS**

LOCATION MAP OF STRUCTURES IN CHAMPAIGN COUNTY



** CHAMPAIGN & VERMILION COUNTIES				STATE OF ILLINOIS		LOCATION MAP		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
DEPARTMENT OF TRANSPORTATION				SCALE: SHEET NO. OF SHEETS STA. TO STA.		74		FY08HSIP		**		172	2
FILE NAME : c:\projects\4581487 (v8)\70643_text.dgn USER NAME : callie-bw PLOT SCALE = 40,0000 ' / IN. PLOT DATE = 12/28/2007				DESIGNED - DRAWN - CHECKED - DATE -		REVISED - REVISED - REVISED - REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 70643					

LOCATION MAP OF STRUCTURES IN VERMILION COUNTY



FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION MAP	F.A.I. RTE. 74	SECTION FY08HSIP	COUNTY **	TOTAL SHEETS 172	SHEET NO. 3
PROJECTS\0501407 (vbl\70643_text.dgn)		DRAWN -	REVISED -			SCALE: SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		
		CHECKED -	REVISED -					70643		
		DATE -	REVISED -							

GENERAL NOTES

G.N.-100
ENGLISH UNITS OF MEASUREMENT SHALL GOVERN OVER AND SUPERSEDE ANY METRIC UNITS SHOWN IN THIS CONTRACT. WHERE INCLUDED, METRIC UNITS ARE FOR INFORMATION ONLY.

G.N.-105.07B
EXISTING STATE-OWNED AND MAINTAINED UTILITY LINES ARE SHOWN ON THE PLANS TO INDICATE THEIR PRESENCE AND APPROXIMATE LOCATION. THE CONTRACTOR SHALL SECURE AN APPROVED LOCATING FIRM TO LOCATE STATE-OWNED UTILITIES PRIOR TO COMMENCING ANY EXCAVATION IN THE VICINITY OF THESE LINES IN ACCORDANCE TO SECTION 803 OF THE STANDARD SPECIFICATIONS. SHOULD ANY OF THE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATION, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF THE ENGINEER AT NO COST TO THE STATE.

ALSO THERE MAY BE UTILITIES PRESENT WHICH WERE INSTALLED BY THE STATE BUT ARE MAINTAINED BY OTHERS (CITY, TOWN, ETC.) THE APPROXIMATE LOCATIONS OF THESE LINES ARE ALSO SHOWN ON THE PLANS ALONG WITH THE NAME OF THE MAINTAINING AGENCY. THE CONTRACTOR SHALL COORDINATE THE LOCATION OF THESE LINES WITH THE LOCAL AGENCY PRIOR TO COMMENCING ANY EXCAVATION OR BORING IN THEIR VICINITY. SHOULD THESE LINES BE DAMAGED BY THE CONTRACTOR'S OPERATIONS, THE CONTRACTOR SHALL REPAIR THEM TO THE SATISFACTION OF, AND AT NO COST TO, THE LOCAL AGENCY AND THE STATE.

G.N.-107.12
THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

Mr. T Brian Matthews
Assistant Division Engineer
Norfolk Southern Railway Company
1735 East Condit Street
Decatur, IL. 62521
217-425-2037

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD CONTACT PERSON FOR FLAGGERS IS:

Mr. Ralph Claypool
Norfolk Southern Railway Company
2255 Sagamore Parkway
North Lafayette, IN 47904
(217) 425-2091

THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE LOCAL RAILROAD CONTACT IS:

Mr. Gale Free
Roadmaster
CSX Transportation
564 CSX Lane
Danville, IL 61834
(217) 442-0126

SPECIAL ATTENTION IS CALLED TO ARTICLE 107.12 REGARDING RAILROAD FLAGGERS. THE NAME, ADDRESS AND TELEPHONE NUMBER OF THE RAILROAD CONTACT PERSON FOR FLAGGERS IS:

David Clifford
CSX Transportation
1700 West 167th Street
Calumet City, IL 60409
708-832-2170

G.N.-250C - SPL
TEMPORARY EROSION CONTROL SEEDING WILL BE USED FOR AREAS DISTURBED DURING ATTENUATOR PAD CONSTRUCTION AND FOR AREAS INCLUDED IN GRADING AND SHAPING DITCHES QUANTITIES. SOME OR ALL OF THE TEMPORARY EROSION CONTROL SEEDING WILL BE DELETED IF IT IS POSSIBLE TO PLACE PERMANENT SEEDING ON EARTH SHOULDERS AT THE TIME OF THEIR COMPLETION.

G.N.-542
BEFORE ORDERING PIPE CULVERTS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR THE EXACT LENGTHS.

G.N.-631
IF THE CONTRACTOR ELECTS TO USE THE ALTERNATE MOUNTING METHOD OF THRU DRILLING THE MOUNTING HOLES FOR THE TRAFFIC BARRIER TERMINALS, TYPE 6, THE HOLES SHALL BE DRILLED USING A CORE DRILL. A HAMMER DRILL WILL NOT BE ALLOWED.

NO COMMITMENTS

**CHAMPAIGN & VERMILION

FILE NAME = c:\projects\4501407\4501407\70643_text.dgn	USER NAME = collterbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	F.A.I. RTE. 74	SECTION FY08HSIP	COUNTY ..	TOTAL SHEETS 172	SHEET NO. 5
PLOT SCALE = 40,0000' / IN.	PLOT DATE = 12/28/2007	DRAWN -	CHECKED -	REVISED -	REVISED -	SCALE: SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT 70643		

SUMMARY OF QUANTITIES

CHAMPAIGN COUNTY
RURAL
STA. 734+00.00 TO STA. 1053+06.00

VERMILION COUNTY
RURAL
STA. 1053+06.00 TO STA. 1676+10.00
STA. 1752+66.00 TO STA. 1853+50.80

VERMILION COUNTY
URBAN
STA. 1676+10.00 TO STA. 1752+66.00
STA. 1853+50.80 TO STA. 2231+13.24

CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	CHAMPAIGN COUNTY		VERMILION COUNTY		VERMILION COUNTY	
				90% FED. 10% STATE SFTY-3J	90% FED. 10% STATE SFTY-3N	90% FED. 10% STATE SFTY-3J	90% FED. 10% STATE SFTY-3N	90% FED. 10% STATE SFTY-3J	90% FED. 10% STATE SFTY-3N
60226242	RESTRICTED DEPTH MANHOLES, 7'-DIAMETER, TYPE 8 GRATE	EACH	3.0	0.0	0.0	0.0	2.0	0	1.0
20200100	EARTH EXCAVATION	CU YD	245.0	10.0	6.0	27.0	42.0	90.0	70.0
20400800	FURNISHED EXCAVATION	CU YD	2,190.0	353.0	27.0	318.0	282.0	621.0	589.0
21400100	GRADING AND SHAPING DITCHES	FOOT	1,425.0	0.0	150.0	75.0	150.0	1,050.0	0.0
* 25000210	SEEDING, CLASS 2A	ACRE	6.5	0.400	0.400	0.600	1.300	1.300	2.500
* 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	568.0	36.0	32.0	52.0	114.0	116.0	218.0
* 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	568.0	36.0	32.0	52.0	114.0	116.0	218.0
* 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	568.0	36.0	32.0	52.0	114.0	116.0	218.0
* 25100115	MULCH, METHOD 2	ACRE	6.5	0.400	0.400	0.600	1.300	1.300	2.500
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	631.0	40.0	36.0	58.0	126.0	129.0	242.0
28000300	TEMPORARY DITCH CHECKS	EACH	77.0	2.0	5.0	10.0	14.0	21.0	25.0
28000500	INLET AND PIPE PROTECTION	EACH	10.0	0.0	0.0	0.0	5.0	0.0	5.0
44004000	PAVED DITCH REMOVAL	FOOT	58.0	0.0	0.0	0.0	50.0	0.0	8.0
50104400	CONCRETE HEADWALL REMOVAL	EACH	3.0	0.0	0.0	0.0	1.0	0.0	2.0
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	31,392	2,332	1,166	5,256	2,628	11,112	8,898
54244405	FLUSH INLET BOX FOR MEDIAN, STANDARD 542546	EACH	1.0	0.0	0.0	0.0	0.0	0.0	1.0
54246205	INLET BOX, STANDARD 542526	EACH	3.0	0.0	0.0	0.0	2.0	0.0	1.0
54246405	INLET BOX, STANDARD 542531	EACH	1.0	0.0	0.0	0.0	1.0	0.0	0.0
54248510	CONCRETE COLLAR	CU YD	1.6	0.0	0.0	0.0	0.7	0.0	0.9
542A0223	PIPE CULVERTS, CLASS A, TYPE 1 18"	FOOT	118.0	0.0	0.0	0.0	118.0	0.0	0.0
542A0229	PIPE CULVERTS, CLASS A, TYPE 1 24"	FOOT	77.0	0.0	0.0	0.0	9.0	0.0	68.0
60108100	PIPE UNDERDRAINS 4" (SPECIAL)	FOOT	300.0	20.0	10.0	90.0	30.0	70.0	80.0
60300320	CATCH BASIN FRAMES AND GRATES TO BE ADJUSTED	EACH	1.0	0.0	0.0	0.0	0.0	0.0	1.0
* 63000000	STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	58,025.0	6,700.0	0.0	15,537.5	0.0	35,787.5	0.0
* 63000005	STEEL PLATE BEAM GUARD RAIL, TYPE B	FOOT	50.0	0.0	0.0	0.0	0.0	50.0	0.0
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	38.0	2.0	0.0	7.0	0.0	29.0	0.0
* 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	14.0	2.0	0.0	2.0	0.0	10.0	0.0
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	61.0	8.0	0.0	13.0	0.0	40.0	0.0
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	32.0	6.0	0.0	15.0	0.0	11.0	0.0
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	23.0	1.0	0.0	6.0	0.0	16.0	0.0

*SPECIALTY ITEMS

FILE NAME =	USER NAME = cc11erbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\projects\4501407\wbl\70643_text.dgn					DRAWN -	REVISED -	SCALE:		74	FYOBHSIP	..	172	6
PLOT SCALE = 1/8" = 100.0000' / IN.					CHECKED -	REVISED -	SHEET NO. OF SHEETS		STA. TO STA.		70643		
PLOT DATE = 12/20/2007					DATE -	REVISED -	FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT				

**CHAMPAIGN & VERMILION

SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE:	CODE NO.	DESCRIPTION	UNIT	TOTAL QUANTITY	CHAMPAIGN COUNTY RURAL STA. 734+00.00 TO STA. 1053+06.00		VERMILION COUNTY RURAL STA. 1053+06.00 TO STA. 1676+10.00 STA. 1752+66.00 TO STA. 1853+50.80		VERMILION COUNTY URBAN STA. 1676+10.00 TO STA. 1752+66.00 STA. 1853+50.80 TO STA. 2231+13.24	
					90% FED. 10% STATE SFTY-3J	90% FED. 10% STATE SFTY-3N	90% FED. 10% STATE SFTY-3J	90% FED. 10% STATE SFTY-3N	90% FED. 10% STATE SFTY-3J	90% FED. 10% STATE SFTY-3N
					QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY
	* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1(SPECIAL) FLARED	EACH	79.0	13.0	0.0	24.0	0.0	42.0	0.0
	* 63100217	TRAFFIC BARRIER TERMINAL, TYPE 6B(SPECIAL)	EACH	12.0	0.0	0.0	3.0	0.0	9.0	0.0
	63200310	GUARDRAIL REMOVAL	FOOT	65,540.0	7,708.0	0.0	15,688.0	0.0	42,144.0	0.0
	63400105	GUARD POSTS	EACH	204.0	0.0	24.0	0.0	80.0	0.0	100.0
	63400205	GUARD POSTS REMOVAL	EACH	220.0	0.0	41.0	0.0	80.0	0.0	99.0
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5.0	0.50	0.50	1.25	1.25	0.75	0.75
	67100100	MOBILIZATION	L SUM	1.0	0.10	0.10	0.25	0.25	0.15	0.15
	70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	15.0	0.0	0.0	0.0	0.0	15.0	0.0
	70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1.0	0.10	0.10	0.25	0.25	0.15	0.15
	* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	931.0	109.0	0.0	246.0	0.0	576.0	0.0
	* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	102.0	14.0	0.0	30.0	0.0	58.0	0.0
	* X0640200	TRAFFIC BARRIER TERMINAL (SPECIAL)	EACH	2.0	0.0	0.0	0.0	0.0	2.0	0.0
	X0931400	INLET BOXES TO BE ADJUSTED (SPECIAL)	EACH	1.0	0.0	0.0	0.0	0.0	0.0	1.0
	X6050700	REMOVE INLET BOX	EACH	2.0	0.0	0.0	0.0	2.0	0.0	0.0
	* X6311215	TRAFFIC BARRIER TERMINAL (C-A-T)	EACH	2.0	0.0	0.0	0.0	0.0	0.0	2.0
	X6333500	TRAFFIC BARRIER TERMINAL REMOVAL	EACH	2.0	0.0	0.0	0.0	0.0	0.0	2.0
	X7015005	CHANGEABLE MESSAGE SIGN	CAL DA	28.0	5.6	0.0	7.0	7.0	4.2	4.2
	50300225	CONCRETE STRUCTURES	CU YD	362.4	29.9	15.0	53.4	26.7	133	104.4
	Z0013300	CONCRETE REMOVAL (SPECIAL)	SQ YD	1,421.0	0.0	197.3	0.0	551.7	0.0	672.0
	* Z0026260	FURNISHING AND INSTALLING TUBULAR THRIE BEAM	FOOT	191.0	0.0	0.0	25.0	0.0	166.0	0.0
	* Z0030150	IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3	EACH	51.0	0.0	6.0	0.0	20.0	0.0	25.0
	Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1.0	0.10	0.10	0.25	0.25	0.15	0.15
	Z0056220	SAND MODULE IMPACT ATTENUATOR TO BE REMOVED	EACH	790.0	0.0	93.0	0.0	327.0	0.0	370.0

*SPECIALTY ITEMS

SCHEDULE OF QUANTITIES

S.N. 092-0146

63200310 GUARDRAIL REMOVAL

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1106+10.00		1107+10.00	100.0
WB OUT	1107+60.00		1108+60.00	100.0
CL MED	1107+17.70		1107+42.70	50.0

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1104+26.36		1106+63.86	237.5
WB OUT	1107+96.50		1110+34.00	237.5

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED

LOCATION	STATION	TO	STATION	EACH
EB OUT	1103+76.36		1104+26.36	1.0
WB OUT	1110+34.00		1110+84.00	1.0

63100089 TRAFFIC BARRIER TERMINAL, TYPE 6B

LOCATION	STATION	EACH
EB OUT	1106+63.86	1.0
WB OUT	1107+96.50	1.0

S.N. 092-0152

63200310 GUARDRAIL REMOVAL

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1239+22.50		1240+10.00	87.5
WB OUT	1241+30.00		1242+30.00	100.0

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1238+28.64		1240+66.14	237.5
WB OUT	1241+77.04		1244+14.54	237.5

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED

LOCATION	STATION	TO	STATION	EACH
EB OUT	1237+78.64		1238+28.64	1.0
WB OUT	1244+14.54		1244+64.54	1.0

63100089 TRAFFIC BARRIER TERMINAL, TYPE 6B

LOCATION	STATION	EACH
EB OUT	1240+66.14	1.0
WB OUT	1241+77.04	1.0

S.N. 092-0001

63200310 GUARDRAIL REMOVAL

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1281+45.00		1284+70.00	325.0
EB MED	1284+10.50		1285+48.00	137.5

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1281+68.00		1284+93.00	325.0
EB MED	1282+08.00		1284+83.00	275.0

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED

LOCATION	STATION	TO	STATION	EACH
EB OUT	1281+58.00		1282+08.00	1.0

S.N. 092-0001 CONTINUED

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, TANGENT

LOCATION	STATION	TO	STATION	EACH
EB MED	1281+68.00		1281+18.00	1.0

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6

LOCATION	STATION	EACH
EB OUT	1284+93.00	1.0
EB MED	1284+83.00	1.0

S.N. 092-0002

63200310 GUARDRAIL REMOVAL

LOCATION	STATION	TO	STATION	FOOT
WB MED	1287+03.00		1291+90.50	487.5
WB OUT	1287+82.50		1290+95.00	312.5

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A

LOCATION	STATION	TO	STATION	FOOT
WB MED	1287+41.00		1290+66.00	325.0
WB OUT	1287+51.00		1290+26.00	275.0

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED

LOCATION	STATION	TO	STATION	EACH
WB OUT	1290+26.00		1290+76.00	1.0

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, TANGENT

LOCATION	STATION	TO	STATION	EACH
WB MED	1290+66.00		1291+16.00	1.0

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6

LOCATION	STATION	EACH
WB MED	1287+41.00	1.0
WB OUT	1287+51.00	1.0

S.N. 092-0115

63200310 GUARDRAIL REMOVAL

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1319+50.00		1320+50.00	100.0
WB OUT	1320+80.00		1321+80.00	100.0

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1318+13.85		1320+13.85	200.0
WB OUT	1321+24.76		1323+24.76	200.0

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED

LOCATION	STATION	TO	STATION	EACH
EB OUT	1317+63.85		1318+13.85	1.0
WB OUT	1323+24.76		1323+74.76	1.0

63100089 TRAFFIC BARRIER TERMINAL, TYPE 6B

LOCATION	STATION	EACH
EB OUT	1320+13.85	1.0
WB OUT	1321+24.76	1.0

S.N. 092-2000

63200310 GUARDRAIL REMOVAL

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1349+20.00		1352+95.00	375.0
WB OUT	1351+62.50		1355+25.00	362.5

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1349+81.30		1352+31.30	250.0
WB OUT	1352+60.90		1355+10.90	250.0

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED

LOCATION	STATION	TO	STATION	EACH
EB OUT	1349+31.30		1349+81.30	1.0
WB OUT	1355+10.90		1355+60.90	1.0

63100045 TRAFFIC BARRIER TERMINAL, TYPE 2

LOCATION	STATION	TO	STATION	EACH
EB OUT	1352+31.30		1352+43.80	1.0
WB OUT	1352+60.90		1352+73.40	1.0

S.N. 092-0148

63200310 GUARDRAIL REMOVAL

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1412+45.00		1413+45.00	100.0
WB OUT	1413+75.00		1414+75.00	100.0

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1410+69.76		1413+07.26	237.5
WB OUT	1414+20.75		1416+45.75	225.0

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED

LOCATION	STATION	TO	STATION	EACH
EB OUT	1410+19.76		1410+69.76	1.0
WB OUT	1416+45.75		1416+95.75	1.0

63100089 TRAFFIC BARRIER TERMINAL, TYPE 6B

LOCATION	STATION	EACH
EB OUT	1413+07.26	1.0
WB OUT	1414+20.75	1.0

S.N. 092-0075

63200310 GUARDRAIL REMOVAL

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1503+35.00		1506+85.00	350.0
WB OUT	1507+15.00		1510+65.00	350.0

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1504+45.90		1506+45.90	200.0
WB OUT	1507+62.10		1509+62.10	200.0

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED

LOCATION	STATION	TO	STATION	EACH
EB OUT	1503+95.90		1504+45.90	1.0
WB OUT	1509+62.10		1510+12.10	1.0

SCHEDULE OF QUANTITIES

S.N. 092-0075 CONTINUED

63100089 TRAFFIC BARRIER TERMINAL, TYPE 6B				
LOCATION	STATION	TO	STATION	EACH
EB OUT	1506+45.90			1.0
WB OUT	1507+62.10			1.0

S.N. 092-0125

63200310 GUARDRAIL REMOVAL				
LOCATION	STATION	TO	STATION	FOOT
EB OUT	1572+25.00		1575+87.50	362.5
WB OUT	1575+50.00		1579+25.00	375.0

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A				
LOCATION	STATION	TO	STATION	FOOT
EB OUT	1572+86.83		1575+24.33	237.5
WB OUT	1576+33.03		1578+33.03	200.0

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED				
LOCATION	STATION	TO	STATION	EACH
EB OUT	1572+36.83		1572+86.83	1.0
WB OUT	1578+33.03		1578+83.03	1.0

63100089 TRAFFIC BARRIER TERMINAL, TYPE 6B				
LOCATION	STATION	TO	STATION	EACH
EB OUT	1575+24.33			1.0
WB OUT	1576+33.03			1.0

SIGN TRUSS AT 103+00 (REST AREA RAMP)

63200310 GUARDRAIL REMOVAL				
LOCATION	STATION	TO	STATION	FOOT
WB OUT	103+00.00		101+12.50	187.5

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A				
LOCATION	STATION	TO	STATION	FOOT
WB OUT	101+50.00		103+00.00	150.0

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED				
LOCATION	STATION	TO	STATION	EACH
WB OUT	101+50.00		101+00.00	1.0

63100045 TRAFFIC BARRIER TERMINAL, TYPE 2				
LOCATION	STATION	TO	STATION	EACH
WB OUT	103+00.00		103+12.50	1.0

S.N. 092-0003 TO S.N. 092-0127

63200310 GUARDRAIL REMOVAL				
LOCATION	STATION	TO	STATION	FOOT
EB OUT	1612+38.00		1627+88.00	1550.0
EB MED	1626+00.00		1628+12.50	212.5
EB OUT	1631+80.00		1647+61.50	1581.5

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A				
LOCATION	STATION	TO	STATION	FOOT
EB OUT	1612+64.30		1627+64.30	1500.0
EB MED	1624+39.30		1627+64.30	325.0
EB OUT	1632+07.30		1647+07.30	1500.0

S.N. 092-0003 TO S.N. 092-0127 CONTINUED

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED				
LOCATION	STATION	TO	STATION	EACH
EB OUT	1612+64.30		1612+14.30	1.0

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, TANGENT				
LOCATION	STATION	TO	STATION	EACH
EB MED	1623+89.30		1624+39.30	1.0

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6				
LOCATION	STATION	TO	STATION	EACH
EB OUT	1627+64.30			1.0
EB MED	1627+64.30			1.0

63100089 TRAFFIC BARRIER TERMINAL, TYPE 6B				
LOCATION	STATION	TO	STATION	EACH
EB OUT	1647+39.45			1.0

63100070 TRAFFIC BARRIER TERMINAL, TYPE 5				
LOCATION	STATION	TO	STATION	EACH
EB OUT	1632+07.30			1.0

S.N. 092-0004 TO S.N. 092-0127

63200310 GUARDRAIL REMOVAL				
LOCATION	STATION	TO	STATION	FOOT
WB OUT	1619+02.50		1628+15.00	912.5
WB MED	1631+87.50		1634+00.00	212.5
WB OUT	1631+85.00		1647+40.00	1555.0
WB OUT	1647+40.00		1651+35.00	395.0

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A				
LOCATION	STATION	TO	STATION	FOOT
WB OUT	1618+92.70		1627+92.70	900.0
WB MED	1632+35.70		1635+60.70	325.0
WB OUT	1632+35.70		1647+60.70	1525.0
WB OUT	1648+18.60		1650+56.10	237.5

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, TANGENT				
LOCATION	STATION	TO	STATION	EACH
WB MED	1635+60.70		1636+10.70	1.0
WB OUT	1650+56.10		1651+06.10	1.0

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6				
LOCATION	STATION	TO	STATION	EACH
WB MED	1632+35.70			1.0
WB OUT	1632+35.70			1.0

63100217 TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL)				
LOCATION	STATION	TO	STATION	EACH
WB OUT	1647+60.70			1.0
WB OUT	1648+18.60			1.0

63100070 TRAFFIC BARRIER TERMINAL, TYPE 5				
LOCATION	STATION	TO	STATION	EACH
WB OUT	1627+92.70			1.0

Z0026260 FURNISHING AND INSTALLING TUBULAR THRIE BEAM				
LOCATION	STATION	TO	STATION	FOOT
WB OUT	1647+94.10		1648+18.60	24.5

S.N. 092-8601 TO S.N. 092-0005

63200310 GUARDRAIL REMOVAL				
LOCATION	STATION	TO	STATION	FOOT
EB OUT	1680+80.00		1688+80.00	800.0
WB OUT	1684+08.00		1690+00.00	592.0
WB OUT	90+00.00		91+88.50	188.5 (RAMP C)

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A				
LOCATION	STATION	TO	STATION	FOOT
EB OUT	1681+24.25		1687+86.75	662.5
WB OUT	1684+08.00		1688+70.50	462.5
WB OUT	90+01.83		91+26.83	125.0 (RAMP C)

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED				
LOCATION	STATION	TO	STATION	EACH
EB OUT	1680+74.25		1681+24.25	1.0

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, TANGENT				
LOCATION	STATION	TO	STATION	EACH
WB OUT	91+26.83		91+76.83	1.0 (RAMP C)

63100089 TRAFFIC BARRIER TERMINAL, TYPE 6B				
LOCATION	STATION	TO	STATION	EACH
EB OUT	1687+86.75			1.0

63100217 TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL)				
LOCATION	STATION	TO	STATION	EACH
WB OUT	1689+10.53			1.0
WB OUT	1689+58.73			1.0

63100045 TRAFFIC BARRIER TERMINAL, TYPE 2				
LOCATION	STATION	TO	STATION	EACH
WB OUT	1683+95.50		1684+08.00	1.0

Z0026260 FURNISHING AND INSTALLING TUBULAR THRIE BEAM				
LOCATION	STATION	TO	STATION	FOOT
WB OUT	1689+10.53		1689+58.73	48.2

US 150 RAMP C

63200310 GUARDRAIL REMOVAL				
LOCATION	STATION	TO	STATION	FOOT
WB OUT	93+44.00		95+94.00	250.0

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A				
LOCATION	STATION	TO	STATION	FOOT
WB OUT	92+44.00		94+44.00	200.0

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, TANGENT				
LOCATION	STATION	TO	STATION	EACH
WB OUT	94+44.00		94+94.00	1.0

63100045 TRAFFIC BARRIER TERMINAL, TYPE 2				
LOCATION	STATION	TO	STATION	EACH
WB OUT	92+31.50		92+44.00	1.0

SCHEDULE OF QUANTITIES

S.N. 092-0007 CONTINUED

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, TANGENT				
LOCATION	STATION	TO	STATION	EACH
WB MED	1762+33.60		1762+83.60	1.0

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6

LOCATION	STATION	EACH
WB MED	1758+96.10	1.0
WB OUT	1758+96.10	1.0

PIPE CULVERT AT 1784+75.00

63200310 GUARDRAIL REMOVAL

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1782+35.00		1785+85.00	350.0
WB OUT	1783+27.50		1787+40.00	412.5

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1782+85.00		1785+85.00	300.0
WB OUT	1783+64.10		1786+76.60	312.5

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED

LOCATION	STATION	TO	STATION	EACH
EB OUT	1782+35.00		1782+85.00	1.0
WB OUT	1786+76.60		1787+26.60	1.0

63100045 TRAFFIC BARRIER TERMINAL, TYPE 2

LOCATION	STATION	TO	STATION	EACH
EB OUT	1785+85.00		1785+97.50	1.0
WB OUT	1783+64.10		1783+51.60	1.0

S.N. 092-0128

63200310 GUARDRAIL REMOVAL

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1823+30.00		1826+61.25	331.3
WB OUT	1826+36.25		1829+80.00	343.8

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1824+02.33		1826+27.33	225.0
WB OUT	1827+12.73		1829+37.73	225.0

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED

LOCATION	STATION	TO	STATION	EACH
EB OUT	1823+52.33		1824+02.33	1.0
WB OUT	1829+37.73		1829+87.73	1.0

63100089 TRAFFIC BARRIER TERMINAL, TYPE 6B

LOCATION	STATION	EACH
EB OUT	1826+27.33	1.0
WB OUT	1827+12.73	1.0

SIGN TRUSS AT 1859+85

63200310 GUARDRAIL REMOVAL

LOCATION	STATION	TO	STATION	FOOT
EB MED	1858+25.00		1860+62.50	237.5
WB MED	1858+80.00		1860+80.00	200.0

SIGN TRUSS AT 1859+85 CONTINUED

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A

LOCATION	STATION	TO	STATION	FOOT
EB MED	1858+66.00		1859+91.00	125.0
WB MED	1860+20.50		1863+08.00	287.5

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED

LOCATION	STATION	TO	STATION	EACH
EB MED	1858+16.00		1858+66.00	1.0
WB MED	1863+08.00		1863+58.00	1.0

63100045 TRAFFIC BARRIER TERMINAL, TYPE 2

LOCATION	STATION	TO	STATION	EACH
EB MED	1859+91.00		1860+03.50	1.0
WB MED	1860+08.00		1860+20.50	1.0

S.N. 092-0008

63200310 GUARDRAIL REMOVAL

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1845+80.00		1876+05.00	3025.0
EB MED	1871+80.00		1876+05.00	425.0
EB OUT	79+01.00		87+34.00	833.0 (RAMP A)
EB MED	1881+55.00		1882+55.00	100.0

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1847+58.82		1875+71.32	2812.5
EB MED	1873+08.82		1875+71.32	262.5
EB MED	1879+27.53		1882+65.03	337.5
EB OUT	79+27.53		81+77.53	250.0 (RAMP A)
EB OUT	82+27.53		87+52.53	525.0 (RAMP A)

63000005 STEEL PLATE BEAM GUARDRAIL, TYPE B

LOCATION	STATION	TO	STATION	FOOT
EB OUT	81+77.53		82+27.53	50.0 (RAMP A)

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED

LOCATION	STATION	TO	STATION	EACH
EB MED	1847+08.82		1847+58.82	1.0
EB OUT	1872+58.82		1873+08.82	1.0

63100045 TRAFFIC BARRIER TERMINAL, TYPE 2

LOCATION	STATION	TO	STATION	EACH
EB OUT	1882+65.03		1882+77.53	1.0
EB OUT	87+52.53		87+65.03	1.0

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6

LOCATION	STATION	EACH
EB MED	1875+71.32	1.0
EB OUT	1875+71.32	1.0

63100070 TRAFFIC BARRIER TERMINAL, TYPE 5

LOCATION	STATION	EACH
EB MED	1879+27.53	1.0
EB MED	79+27.53	1.0

S.N. 092-0009

63200310 GUARDRAIL REMOVAL

LOCATION	STATION	TO	STATION	FOOT
WB OUT	1848+40.00		1875+34.00	2694.0
WB MED	1879+01.00		1885+70.00	669.0
WB OUT	79+01.00		88+26.00	925.0 (RAMP C)

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A

LOCATION	STATION	TO	STATION	FOOT
WB OUT	1849+97.20		1875+34.70	2537.5
WB MED	1879+55.93		1885+43.43	587.5
WB OUT	79+55.93		87+05.93	750.0 (RAMP C)

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED

LOCATION	STATION	TO	STATION	EACH
WB MED	1885+43.43		1885+93.43	1.0

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, TANGENT

LOCATION	STATION	TO	STATION	EACH
WB OUT	87+05.93		87+55.93	1.0 (RAMP B)

63100045 TRAFFIC BARRIER TERMINAL, TYPE 2

LOCATION	STATION	TO	STATION	EACH
WB OUT	1849+84.70		1849+97.20	1.0

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6

LOCATION	STATION	EACH
WB MED	1879+55.93	1.0
WB OUT	79+55.93	1.0 (RAMP C)

63100070 TRAFFIC BARRIER TERMINAL, TYPE 5

WB OUT	1875+34.70	1.0
--------	------------	-----

S.N. 092-0010

63200310 GUARDRAIL REMOVAL

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1891+65.00		1896+40.00	475.0
EB OUT	1884+62.50		1890+50.00	587.5
EB MED	1887+50.00		1890+50.00	300.0

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A

LOCATION	STATION	TO	STATION	FOOT
EB OUT	1885+10.15		1890+10.15	500.0
EB MED	1887+47.65		1890+10.15	262.5
EB OUT	1892+02.61		1896+77.61	475.0

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED

LOCATION	STATION	TO	STATION	EACH
EB OUT	1884+60.15		1885+10.15	1.0
EB MED	1886+97.65		1887+47.65	1.0

63100045 TRAFFIC BARRIER TERMINAL, TYPE 2

LOCATION	STATION	TO	STATION	EACH
EB OUT	1896+77.61		1896+90.11	1.0

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6

LOCATION	STATION	EACH
EB OUT	1890+10.15	1.0
EB MED	1890+10.15	1.0

SCHEDULE OF QUANTITIES

SIGN TRUSS AT 1937+20

63200310	GUARDRAIL REMOVAL			
LOCATION	STATION	TO	STATION	FOOT
WB OUT	1937+20.00		1938+29.00	109.0

63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A			
LOCATION	STATION	TO	STATION	FOOT
WB OUT	1937+20.00		1937+82.50	62.5

63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED			
LOCATION	STATION	TO	STATION	EACH
WB OUT	1937+82.50		1938+32.50	1.0

63100045	TRAFFIC BARRIER TERMINAL, TYPE 2			
LOCATION	STATION	TO	STATION	EACH
WB OUT	1937+20.00		1937+32.50	1.0

SIGN TRUSS AT 1942+50

63200310	GUARDRAIL REMOVAL			
LOCATION	STATION	TO	STATION	FOOT
WB OUT	1942+50.00		1943+97.20	147.2

63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A			
LOCATION	STATION	TO	STATION	FOOT
WB OUT	1942+50.00		1942+62.50	12.5

63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED			
LOCATION	STATION	TO	STATION	EACH
WB OUT	1942+62.50		1943+12.50	1.0

63100045	TRAFFIC BARRIER TERMINAL, TYPE 2			
LOCATION	STATION	TO	STATION	EACH
WB OUT	1942+37.50		1942+50.00	1.0

PIPE CULVERT AT 1955+52

63200310	GUARDRAIL REMOVAL			
LOCATION	STATION	TO	STATION	FOOT
EB OUT	1952+23.00		1956+35.50	412.5

63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A			
LOCATION	STATION	TO	STATION	FOOT
EB OUT	1951+62.50		1956+00.00	437.5

63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED			
LOCATION	STATION	TO	STATION	EACH
EB OUT	1951+12.50		1951+62.50	1.0

63100045	TRAFFIC BARRIER TERMINAL, TYPE 2			
LOCATION	STATION	TO	STATION	EACH
EB OUT	1956+00.00		1956+12.50	1.0

S.N. 092-0129 TO PIPE CULVERT AT 1955+52

63200310	GUARDRAIL REMOVAL			
LOCATION	STATION	TO	STATION	FOOT
WB OUT	1953+51.00		1975+01.00	2150.0
EB OUT	1967+44.00		1970+88.00	344.0

S.N. 092-0129 TO PIPE CULVERT AT 1955+52 CONTINUED

63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A			
LOCATION	STATION	TO	STATION	FOOT
WB OUT	1952+64.40		1971+51.90	1887.5
EB OUT	1968+30.30		1970+30.30	200.0
WB OUT	1971+76.10		1973+76.10	200.0

63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED			
LOCATION	STATION	TO	STATION	EACH
EB OUT	1967+80.30		1968+30.30	1.0
WB OUT	1973+76.10		1974+26.10	1.0

63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B		
LOCATION	STATION	EACH	
EB OUT	1970+30.30	1.0	

63100217	TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL)		
LOCATION	STATION	EACH	
WB OUT	1971+51.90	1.0	
WB OUT	1971+76.10	1.0	

63100045	TRAFFIC BARRIER TERMINAL, TYPE 2			
LOCATION	STATION	TO	STATION	EACH
WB OUT	1952+51.90		1952+64.40	1.0

Z0026260	FURNISHING AND INSTALLING TUBULAR THRIE BEAM			
LOCATION	STATION	TO	STATION	FOOT
WB OUT	1971+51.90		1971+76.10	24.2

S.N. 092-0015

63200310	GUARDRAIL REMOVAL			
LOCATION	STATION	TO	STATION	FOOT
EB OUT	1984+66.00		1989+66.00	500.0
EB MED	1985+57.00		1989+57.00	400.0
EB OUT	1996+11.78		2000+22.00	410.2

63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A			
LOCATION	STATION	TO	STATION	FOOT
EB MED	1986+40.00		1989+02.50	262.5
EB OUT	1987+25.10		1989+25.10	200.0
EB OUT	1996+54.88		2000+29.88	375.0

63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED			
LOCATION	STATION	TO	STATION	EACH
EB MED	1985+90.00		1986+40.00	1.0
EB OUT	1986+75.10		1987+25.10	1.0

63100085	TRAFFIC BARRIER TERMINAL, TYPE 6		
LOCATION	STATION	EACH	
EB MED	1989+02.50	1.0	
EB OUT	1989+25.10	1.0	
EB OUT	1996+54.88	1.0	

63100045	TRAFFIC BARRIER TERMINAL, TYPE 2			
LOCATION	STATION	TO	STATION	EACH
WB OUT	2000+29.88		2000+42.38	1.0

S.N. 092-0014 TO S.N. 092-0084

63200310	GUARDRAIL REMOVAL			
LOCATION	STATION	TO	STATION	FOOT
WB OUT	1979+80.00		1989+17.50	937.5
WB OUT	1995+34.50		2005+21.11	986.6
WB MED	1995+64.92		1999+63.97	399.0

63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A			
LOCATION	STATION	TO	STATION	FOOT
WB OUT	1980+24.50		1988+62.00	837.5
WB OUT	1995+77.60		2000+90.10	512.5
WB MED	1996+08.02		1999+20.52	312.5
WB OUT	2001+48.70		2003+48.70	200.0

63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, TANGENT			
LOCATION	STATION	TO	STATION	EACH
WB MED	1999+20.52		1999+70.52	1.0
WB OUT	2003+48.70		2003+98.70	1.0

63100085	TRAFFIC BARRIER TERMINAL, TYPE 6		
LOCATION	STATION	EACH	
WB OUT	1995+77.60	1.0	
WB MED	1996+08.02	1.0	
WB OUT	1988+62.00	1.0	

63100217	TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL)		
LOCATION	STATION	EACH	
WB OUT	2000+90.10	1.0	
WB OUT	2001+48.70	1.0	

Z0026260	FURNISHING AND INSTALLING TUBULAR THRIE BEAM			
LOCATION	STATION	TO	STATION	FOOT
WB OUT	2001+22.20		2001+48.70	26.5

63100045	TRAFFIC BARRIER TERMINAL, TYPE 2			
LOCATION	STATION	TO	STATION	EACH
WB OUT	1980+12.00		1980+24.50	1.0

EMBANKMENT AT 2007+00.00

63200310	GUARDRAIL REMOVAL			
LOCATION	STATION	TO	STATION	FOOT
WB OUT	2006+20.00		2008+45.00	225.0

63000000	STEEL PLATE BEAM GUARDRAIL, TYPE A			
LOCATION	STATION	TO	STATION	FOOT
WB OUT	2007+20.00		2008+95.00	175.0

63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED			
LOCATION	STATION	TO	STATION	EACH
WB OUT	2008+95.00		2009+45.00	1.0

63100045	TRAFFIC BARRIER TERMINAL, TYPE 2			
LOCATION	STATION	TO	STATION	EACH
WB OUT	2007+07.50		2007+20.00	1.0

BOWMAN AVE. RAMP A

63200310	GUARDRAIL REMOVAL			
LOCATION	STATION	TO	STATION	FOOT
WB OUT	6+73.64		8+98.64	225.0

••CHAMPAIGN & VERMILION

SCHEDULE OF QUANTITIES

BOWMAN AVE. RAMP A CONTINUED

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A				
LOCATION	STATION	TO	STATION	FOOT
WB OUT	6+73.64		8+48.64	175.0

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, TANGENT				
LOCATION	STATION	TO	STATION	EACH
WB OUT	8+48.64		8+98.64	1.0

63100045 TRAFFIC BARRIER TERMINAL, TYPE 2				
LOCATION	STATION	TO	STATION	EACH
WB OUT	6+61.14		6+73.64	1.0

S.N. 092-0016 TO S.N. 092-0018

63200310 GUARDRAIL REMOVAL				
LOCATION	STATION	TO	STATION	FOOT
EB OUT	2029+10.00		2032+85.00	375.0
EB MED	2028+70.00		2032+70.00	400.0
EB OUT	2034+52.00		2036+52.00	200.0
EB MED	2034+52.00		2036+52.00	200.0
EB OUT	2039+13.00		2047+50.50	837.5

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A				
LOCATION	STATION	TO	STATION	FOOT
EB OUT	2025+78.39		2032+40.89	662.5
EB MED	2028+90.89		2032+40.89	350.0
EB MED	2034+94.09		2035+94.09	100.0
EB OUT	2034+94.09		2035+94.09	100.0
EB OUT	2039+26.20		2048+26.20	900.0

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, TANGENT				
LOCATION	STATION	TO	STATION	EACH
EB OUT	2025+28.39		2025+78.39	1.0
EB MED	2028+40.89		2028+90.89	1.0

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6			
LOCATION	STATION		EACH
EB MED	2032+40.89		1.0
EB OUT	2032+40.89		1.0
EB MED	2034+94.09		1.0
EB OUT	2034+94.09		1.0
EB MED	2035+94.09		1.0
EB OUT	2035+94.09		1.0
EB OUT	2039+26.20		1.0

63100045 TRAFFIC BARRIER TERMINAL, TYPE 2				
LOCATION	STATION	TO	STATION	EACH
EB OUT	2048+26.20		2048+38.70	1.0

S.N. 092-0017 TO S.N. 092-0019

63200310 GUARDRAIL REMOVAL				
LOCATION	STATION	TO	STATION	FOOT
WB OUT	2031+00.00		2032+75.00	175.0
WB OUT	2034+52.00		2036+52.00	200.0
WB MED	2034+52.00		2036+52.00	200.0
WB MED	2038+91.00		2043+28.50	437.5
WB OUT	2039+11.00		2052+61.00	1350.0

S.N. 092-0017 TO S.N. 092-0019 CONTINUED

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A				
LOCATION	STATION	TO	STATION	FOOT
WB OUT	2030+78.39		2032+40.89	162.5
WB OUT	2034+90.40		2035+90.40	100.0
WB MED	2034+90.40		2035+90.40	100.0
WB MED	2039+54.60		2042+29.60	275.0
WB OUT	2039+54.60		2053+42.10	1387.5

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED				
LOCATION	STATION	TO	STATION	EACH
WB MED	2042+29.60		2042+79.60	1.0
WB OUT	2053+42.10		2053+92.10	1.0

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6			
LOCATION	STATION		EACH
WB MED	2032+40.89		1.0
WB OUT	2034+94.09		1.0
WB MED	2034+94.09		1.0
WB OUT	2035+94.09		1.0
WB MED	2035+94.09		1.0
WB OUT	2039+26.20		1.0
WB OUT	2039+26.20		1.0

63100045 TRAFFIC BARRIER TERMINAL, TYPE 2				
LOCATION	STATION	TO	STATION	EACH
WB OUT	2030+78.39		2030+90.89	1.0

S.N. 092-2001

63200310 GUARDRAIL REMOVAL				
LOCATION	STATION	TO	STATION	FOOT
EB OUT	2082+64.00		2091+01.50	837.5
WB OUT	2086+61.00		2097+73.50	1112.5

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A				
LOCATION	STATION	TO	STATION	FOOT
EB OUT	2076+87.50		2090+50.00	1362.5
WB OUT	2084+00.00		2098+37.50	1437.5

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED				
LOCATION	STATION	TO	STATION	EACH
EB OUT	2076+37.50		2076+87.50	1.0
WB OUT	2098+37.50		2098+87.50	1.0

63100045 TRAFFIC BARRIER TERMINAL, TYPE 2				
LOCATION	STATION	TO	STATION	EACH
EB OUT	2090+50.00		2090+62.50	1.0
WB OUT	2083+87.50		2084+00.00	1.0

S.N. 092-0151

63200310 GUARDRAIL REMOVAL				
LOCATION	STATION	TO	STATION	FOOT
EB OUT	2136+90.50		2140+03.00	312.5
WB OUT	2140+15.00		2143+52.50	337.5

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A				
LOCATION	STATION	TO	STATION	FOOT
EB OUT	2137+57.25		2139+69.75	212.5
WB OUT	2140+79.45		2142+91.95	212.5

S.N. 092-0151 CONTINUED

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED				
LOCATION	STATION	TO	STATION	EACH
EB OUT	2137+07.25		2137+57.25	1.0
WB OUT	2142+91.95		2143+41.95	1.0

63100089 TRAFFIC BARRIER TERMINAL, TYPE 6B			
LOCATION	STATION		EACH
EB OUT	2139+69.75		1.0
WB OUT	2140+79.45		1.0

S.N. 092-0022

63200310 GUARDRAIL REMOVAL				
LOCATION	STATION	TO	STATION	FOOT
EB OUT	2150+06.50		2153+44.00	337.5
WB OUT	2153+28.00		2156+53.00	325.0

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A				
LOCATION	STATION	TO	STATION	FOOT
EB OUT	2151+01.28		2153+38.78	237.5
WB OUT	2153+30.17		2155+67.67	237.5

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED				
LOCATION	STATION	TO	STATION	EACH
EB OUT	2150+51.28		2151+01.28	1.0
WB OUT	2155+67.67		2156+17.67	1.0

X0640200 TRAFFIC BARRIER TERMINAL, SPECIAL			
LOCATION	STATION		EACH
EB OUT	2153+38.78		1.0
WB OUT	2153+30.17		1.0

S.N. 092-0024 TO S.N. 092-0026

63200310 GUARDRAIL REMOVAL				
LOCATION	STATION	TO	STATION	FOOT
EB OUT	2195+76.00		2202+26.00	650.0
EB MED	2197+75.00		2202+00.00	425.0
EB OUT	2205+13.00		2213+13.00	800.0
EB MED	2208+70.00		2212+95.00	425.0
EB OUT	2214+93.60		2218+24.00	330.4

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A				
LOCATION	STATION	TO	STATION	FOOT
EB MED	2198+94.70		2201+57.20	262.5
EB OUT	2192+67.30		2201+79.80	912.5
EB OUT	2205+29.38		2212+79.38	750.0
EB MED	2210+04.30		2212+66.80	262.5
EB OUT	2215+08.30		2218+33.30	325.0

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED				
LOCATION	STATION	TO	STATION	EACH
EB MED	2198+44.70		2198+94.70	1.0
EB OUT	2192+17.30		2192+67.30	1.0
EB MED	2209+54.30		2210+04.30	1.0

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6			
LOCATION	STATION		EACH
EB MED	2201+57.20		1.0
EB OUT	2201+79.80		1.0
EB OUT	2212+79.38		1.0
EB MED	2212+66.80		1.0

SCHEDULE OF QUANTITIES

S.N. 092-0024 TO S.N. 092-0026 CONTINUED

63100070 TRAFFIC BARRIER TERMINAL, TYPE 5			
LOCATION	STATION		EACH
EB OUT	2205+29.38		1.0
EB OUT	2215+08.30		1.0

63100045 TRAFFIC BARRIER TERMINAL, TYPE 2				
LOCATION	STATION	TO	STATION	EACH
EB OUT	2218+33.30		2218+45.80	1.0

S.N. 092-0023 TO S.N. 092-0025

63200310 GUARDRAIL REMOVAL				
LOCATION	STATION	TO	STATION	FOOT
WB MED	2204+70.00		2208+70.00	400.0
WB OUT	2197+86.90		2201+51.60	364.7
WB OUT	2204+40.24		2206+97.83	257.6
WB OUT	7+00.00		12+75.00	575.0 (RAMP A)
WB OUT	2208+04.00		2212+79.00	475.0
WB MED	2214+56.00		2218+43.50	387.5
WB OUT	2214+37.00		2217+74.50	337.5

63000000 STEEL PLATE BEAM GUARDRAIL, TYPE A				
LOCATION	STATION	TO	STATION	FOOT
WB OUT	2197+99.40		2201+36.90	337.5
WB OUT	2204+83.34		2207+08.34	225.0
WB OUT	7+00.00		12+37.50	537.5 (RAMP A)
WB MED	2205+19.20		2207+81.70	262.5
WB MED	2215+09.30		2217+71.80	262.5
WB OUT	2214+95.20		2216+95.20	200.0
WB OUT	2208+93.40		2212+30.90	337.5

63100169 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, FLARED				
LOCATION	STATION	TO	STATION	EACH
WB MED	2207+81.70		2208+31.70	1.0
WB MED	2217+71.80		2218+21.80	1.0
WB OUT	2216+95.20		2217+45.20	1.0

63100167 TRAFFIC BARRIER TERMINAL, TYPE 1 SPECIAL, TANGENT				
LOCATION	STATION	TO	STATION	EACH
WB OUT	12+37.50		12+87.50	1.0

63100085 TRAFFIC BARRIER TERMINAL, TYPE 6			
LOCATION	STATION		EACH
WB OUT	2204+83.34		1.0
WB MED	2205+19.20		1.0
WB MED	2215+09.30		1.0
WB OUT	2214+95.20		1.0
WB OUT	2212+30.90		1.0

63100070 TRAFFIC BARRIER TERMINAL, TYPE 5			
LOCATION	STATION		EACH
WB OUT	2201+36.90		1.0

63100045 TRAFFIC BARRIER TERMINAL, TYPE 2				
LOCATION	STATION	TO	STATION	EACH
WB OUT	2197+86.90		2197+99.40	1.0
WB OUT	2208+80.90		2208+93.40	1.0

21400100 GRADING AND SHAPING DITCHES

STRUCTURE NUMBER	STATION	LOCATION	FOOT
010-0183	901+29.00	EAST PAD	75.0
010-0183	901+29.00	WEST PAD	75.0
092-0146	1107+30.20	EAST PAD	75.0
092-0146	1107+30.20	WEST PAD	75.0
SIGN TRUSS - REST AREA	101+50.00	END SECTION	75.0
EMBANKMENT	1695+45.00	END SECTION	75.0
092-0005	94+94.00	END SECTION	75.0
SIGN TRUSS -JS 150 RAMP	111+49.00	END SECTION	75.0
092-0009 - RAMP	87+55.93	END SECTION	75.0
092-0087	1911+12.15	END SECTION	75.0
SIGN TRUSS AT 1922+00	1920+82.50	END SECTION	75.0
SIGN TRUSS AT 1923+80	1922+92.50	END SECTION	75.0
092-0150 - RAMP	35+07.50	END SECTION	75.0
SIGN TRUSS AT 1937+20	1938+32.50	END SECTION	75.0
SIGN TRUSS 1942+50	1943+12.50	END SECTION	75.0
092-0084	2003+98.70	END SECTION	75.0
EMBANKMENT AT 2007+00	2009+45.00	END SECTION	75.0
BOWMAN AVE. RAMP	8+98.64	END SECTION	75.0
LYNCH RD. RAMP	12+87.50	END SECTION	75.0
TOTAL =			1425.0

SCHEDULE OF EARTHWORK QUANTITIES FOR WORK AT PROPOSED ATTENUATOR BASES

LOCATION	EARTH EXCAVATION	EXCAVATION ADJ. FOR SHRINKAGE	EMBANKMENT	BALANCE WASTE (+) SHORTAGE (-)
	CU YD	CU YD	CU YD (1)	CU YD (2)
S.N. 010-0089	0.4	0.3	17.4	-17.1
S.N. 010-0182	5.6	4.2	13.6	-9.4
S.N. 092-0152	10.2	7.7	3.9	3.8
S.N. 092-0115	6.0	4.5	17.9	-13.3
S.N. 092-0148	10.6	7.9	71.6	-63.6
S.N. 092-0075	6.0	4.5	46.6	-42.1
S.N. 092-0125	1.2	0.9	90.3	-89.4
S.N. 092-0127	4.7	3.5	56.7	-53.2
S.N. 092-0005	1.2	0.9	72.1	-71.2
S.N. 092-0051	11.6	8.7	23.4	-14.7
S.N. 092-0099	0.6	0.4	53.6	-53.2
S.N. 092-0126	0.0	0.0	15.8	-15.8
S.N. 092-0128	2.0	1.5	25.7	-24.2
S.N. 092-0087 TO S.N. 092-0149	11.0	8.2	61.6	-53.4
S.N. 092-0038	6.4	4.8	36.0	-31.2
S.N. 092-0150	8.4	6.3	24.1	-17.8
SIGN TRUSS AT 1942+50	6.2	4.6	31.0	-26.3
S.N. 092-0129	5.2	3.9	46.3	-42.4
S.N. 09-0084	8.7	6.5	5.9	0.6
S.N. 092-0198	4.3	3.2	43.9	-40.6
S.N. 092-0151	2.8	2.1	112.2	-110.1
S.N. 092-0022	1.3	1.0	112.1	-111.1
SUB TOTAL =	114.4	85.8	981.5	-895.7

NOTES:
 QUANTITY OF EARTH EXCAVATION (CUT) ADJUSTED FOR A SHRINKAGE FACTOR OF 25%
 NO SHRINKAGE FACTOR APPLIED TO THE EMBANKMENT QUANTITY
 NO PAYMENT WILL BE ALLOWED FOR OVERHAUL

SEE NEXT SHEET FOR GRAND TOTALS

**CHAMPAIGN & VERMILION

FILE NAME = c:\projects\d501407 (v8)\70643_text.dgn	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS	SCHEDULE OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -	DEPARTMENT OF TRANSPORTATION		74	FY08HSIP	**	172	16
		PLOT SCALE = 48.0000' / IN.	CHECKED -							70643
		PLOT DATE = 12/20/2007	DATE -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

SCHEDULE OF EARTHWORK QUANTITIES FOR WIDENING AT TYPE 1 TERMINALS					
LOCATION	STATION	EARTH EXCAVATION CU YD	EXCAVATION ADJ. FOR SHRINKAGE CU YD	EMBANKMENT CU YD (1)	BALANCE WASTE (+) SHORTAGE (-) CU YD (2)
S.N. 010-0029	739+22.00	2.3	1.7	116.4	-114.6
S.N. 010-0030	739+22.00	0.0	0.0	23.0	-23.0
S.N. 010-0089	762+00.00	0.0	0.0	9.4	-9.4
S.N. 010-0182	832+31.50	1.7	1.2	22.2	-20.9
S.N. 010-0031	857+96.85	4.6	3.5	76.8	-73.4
S.N. 010-0032	857+96.85	0.0	0.0	56.6	-56.6
S.N. 010-0183	901+29.00	1.2	0.9	55.6	-54.7
S.N. 092-0146	1107+32.00	0.0	0.0	11.7	-11.7
S.N. 092-0152	1241+21.59	4.2	3.1	20.3	-17.1
S.N. 092-0001	1286+17.00	0.0	0.0	19.5	-19.5
S.N. 092-0002	1286+17.00	1.3	0.9	37.2	-36.3
S.N. 092-0115	1320+69.30	1.2	0.9	16.6	-15.7
S.N. 092-2000	1352+48.00	0.0	0.0	35.4	-35.4
S.N. 092-0148	1413+64.00	0.0	0.0	29.0	-29.0
S.N. 092-0075	1507+04.00	0.0	0.0	27.9	-27.9
S.N. 092-0125	1575+78.68	0.0	0.0	21.5	-21.5
S.N. 092-0003	1630+00.00	0.5	0.4	10.8	-10.4
S.N. 092-0004	1630+00.00	0.0	0.0	1.5	-1.5
S.N. 092-0127	1647+79.00	0.0	0.0	4.2	-4.2
S.N. 092-0005	1688+88.22	0.0	0.0	10.3	-10.3
S.N. 092-0051	1695+70.00	0.0	0.0	31.8	-31.8
S.N. 092-0099	1727+42.39	3.1	2.3	25.5	-23.2
PIPE CULVERT AT 1732+55	1732+55.00	5.0	3.7	21.1	-17.3
S.N. 092-0126	1742+16.65	2.7	2.0	21.7	-19.7
S.N. 092-0006	1755+16.00	1.4	1.1	7.9	-6.8
S.N. 092-0007	1755+16.00	13.2	9.9	38.8	-28.9
PIPE CULVERT AT 1784+75	1784+75.00	6.7	5.1	31.4	-26.4
S.N. 092-0128	1826+70.03	0.0	0.0	25.4	-25.4
SIGN TRUSS AT 1859+85	1859+85.00	7.4	5.5	21.6	-16.1
S.N. 092-0008	1878+22.00	3.6	2.7	47.5	-44.9

SCHEDULE OF EARTHWORK QUANTITIES FOR WIDENING AT TYPE 1 TERMINALS					
LOCATION	STATION	EARTH EXCAVATION CU YD	EXCAVATION ADJ. FOR SHRINKAGE CU YD	EMBANKMENT CU YD (1)	BALANCE WASTE (+) SHORTAGE (-) CU YD (2)
S.N. 092-0009	1878+22.00	4.5	3.4	16.6	-13.2
S.N. 092-0010	1891+20.58	3.3	2.5	16.3	-13.9
S.N. 092-0011	1891+20.58	8.0	6.0	23.9	-17.9
S.N. 092-0013	1900+80.59	0.0	0.0	4.2	-4.2
S.N. 092-0012	1900+80.59	0.0	0.0	35.9	-35.9
PIPE CULVERT AT 1955+52	1955+52.00	0.7	0.5	8.5	-7.9
S.N. 092-0129	1971+24.72	0.0	0.0	30.0	-30.0
S.N. 092-0015	1992+54.00	27.6	20.7	37.1	-16.4
S.N. 092-0014	1992+45.00	0.0	0.0	5.3	-5.3
S.N. 092-0016	2033+67.00	0.0	0.0	10.3	-10.3
S.N. 092-0019	2037+72.50	3.9	2.9	29.3	-26.4
S.N. 092-2001	2086+50.00	0.0	0.0	159.6	-159.6
S.N. 092-0151	2140+25.83	5.4	4.0	54.5	-50.5
S.N. 092-0022	2153+34.48	7.1	5.3	21.2	-15.9
S.N. 092-0024	2203+43.26	0.4	0.3	24.5	-24.2
S.N. 092-0026	2213+80.00	1.8	1.4	7.9	-6.6
S.N. 092-0023	2203+43.26	2.6	2.0	8.6	-6.7
S.N. 092-0025	2213+80.00	2.3	1.7	13.8	-12.0
TOTAL =		127.6	95.7	1386.1	-1290.4
TOTAL FROM ATTENUATOR BASES =		114.4	85.8	981.5	-895.7
GRAND TOTAL =		241.9			-2186.1

NOTES:
 QUANTITY OF EARTH EXCAVATION (CUT) ADJUSTED FOR A SHRINKAGE FACTOR OF 25%
 NO SHRINKAGE FACTOR APPLIED TO THE EMBANKMENT QUANTITY
 NO PAYMENT WILL BE ALLOWED FOR OVERHAUL

PAY ITEMS		
20200100-EARTH EXCAVATION	245	CU YD
20400800-FURNISH EXCAVATION	2190	CU YD

SCHEDULE OF QUANTITIES

SEEDING SCHEDULE										
STRUCTURE NO.	STATION	TO	STATION	DESCRIPTION	SEEDING CLASS 2A	NITROGEN FERTILIZER NUTRIENTS	PHOSPHORUS FERTILIZER NUTRIENTS	POTASSIUM FERTILIZER NUTRIENTS	MULCH METHOD 2	TEMPORARY EROSION CONTROL SEEDING
					25000210.000	25000400	25000500	25000600	25100115	28000250
					ACRE	POUND	POUND	POUND	ACRE	POUND
092-0051	1696+00.00		1699+00.00	IMPACT ATTENUATOR	0.220	19.8	19.8	19.8	0.220	22.0
	1692+17.00		1693+01.00	WIDENING FOR TYPE 1 TERMINAL	0.005	0.4	0.4	0.4	0.005	0.5
	1701+21.00		1701+93.00	WIDENING FOR TYPE 1 TERMINAL	0.020	1.8	1.8	1.8	0.020	2.0
SIGN TRUSS - US 150 RAMP	111+11.50		111+86.50	WIDENING FOR TYPE 1 TERMINAL	0.017	1.5	1.5	1.5	0.017	1.7
092-0099	1726+50.00		1728+00.00	IMPACT ATTENUATOR	0.110	9.9	9.9	9.9	0.110	11.0
	1722+87.00		1723+60.00	WIDENING FOR TYPE 1 TERMINAL	0.021	1.9	1.9	1.9	0.021	2.1
	1734+26.00		1734+99.00	WIDENING FOR TYPE 1 TERMINAL	0.027	2.4	2.4	2.4	0.027	2.7
CULVERT	1729+83.00		1730+55.00	WIDENING FOR TYPE 1 TERMINAL	0.024	2.2	2.2	2.2	0.024	2.4
092-0126	1741+50.00		1743+00.00	IMPACT ATTENUATOR	0.110	9.9	9.9	9.9	0.110	11.0
	1739+16.00		1739+88.00	WIDENING FOR TYPE 1 TERMINAL	0.028	2.5	2.5	2.5	0.028	2.8
	1744+69.00		1745+53.00	WIDENING FOR TYPE 1 TERMINAL	0.016	1.4	1.4	1.4	0.016	1.6
092-0006	1746+68.00		1747+41.00	WIDENING FOR TYPE 1 TERMINAL	0.023	2.1	2.1	2.1	0.023	2.3
092-0007	1762+34.00		1763+18.00	WIDENING FOR TYPE 1 TERMINAL	0.027	2.5	2.5	2.5	0.027	2.7
	1770+46.00		1771+19.00	WIDENING FOR TYPE 1 TERMINAL	0.034	3.0	3.0	3.0	0.034	3.4
CULVERT	1781+32.00		1782+04.00	WIDENING FOR TYPE 1 TERMINAL	0.025	2.2	2.2	2.2	0.025	2.5
	1786+89.00		1787+62.00	WIDENING FOR TYPE 1 TERMINAL	0.029	2.6	2.6	2.6	0.029	2.9
092-0128	1826+00.00		1828+00.00	IMPACT ATTENUATOR	0.147	13.2	13.2	13.2	0.147	14.7
	1823+17.00		1823+90.00	WIDENING FOR TYPE 1 TERMINAL	0.015	1.3	1.3	1.3	0.015	1.5
	1829+51.00		1830+23.00	WIDENING FOR TYPE 1 TERMINAL	0.016	1.4	1.4	1.4	0.016	1.6
CULVERT	1857+81.00		1858+54.00	WIDENING FOR TYPE 1 TERMINAL	0.024	2.2	2.2	2.2	0.024	2.4
	1862+24.00		1862+97.00	WIDENING FOR TYPE 1 TERMINAL	0.034	3.0	3.0	3.0	0.034	3.4
092-0008	1846+74.00		1847+46.00	WIDENING FOR TYPE 1 TERMINAL	0.021	1.9	1.9	1.9	0.021	2.1
	1872+24.00		1872+96.00	WIDENING FOR TYPE 1 TERMINAL	0.024	2.1	2.1	2.1	0.024	2.4
092-0009	1885+56.00		1886+28.00	WIDENING FOR TYPE 1 TERMINAL	0.035	3.1	3.1	3.1	0.035	3.5
	84+18.30		84+93.30	WIDENING FOR TYPE 1 TERMINAL	0.017	1.5	1.5	1.5	0.017	1.7
092-0010	1884+26.00		1885+10.00	WIDENING FOR TYPE 1 TERMINAL	0.000	0.0	0.0	0.0	0.000	0.0
	1886+13.00		1886+85.00	WIDENING FOR TYPE 1 TERMINAL	0.026	2.3	2.3	2.3	0.026	2.6
092-0011	1895+06.00		1895+79.00	WIDENING FOR TYPE 1 TERMINAL	0.034	3.0	3.0	3.0	0.034	3.4
	1895+56.00		1896+40.00	WIDENING FOR TYPE 1 TERMINAL	0.017	1.5	1.5	1.5	0.017	1.7
092-0012	1895+93.00		1896+65.00	WIDENING FOR TYPE 1 TERMINAL	0.014	1.2	1.2	1.2	0.014	1.4
092-0013	1905+35.00		1906+19.00	WIDENING FOR TYPE 1 TERMINAL	0.018	1.6	1.6	1.6	0.018	1.8
	1905+92.00		1906+65.00	WIDENING FOR TYPE 1 TERMINAL	0.031	2.8	2.8	2.8	0.031	3.1
SN 092-0087 TO SN 092-0149	1916+75.00		1921+25.00	IMPACT ATTENUATOR	0.331	29.8	29.8	29.8	0.331	33.1
	1910+74.65		1911+49.65	WIDENING FOR TYPE 1 TERMINAL	0.017	1.5	1.5	1.5	0.017	1.7
	1910+77.00		1911+50.00	WIDENING FOR TYPE 1 TERMINAL	0.000	0.0	0.0	0.0	0.000	0.0
SIGN TRUSS AT 1922+00	1920+45.00		1921+20.00	WIDENING FOR TYPE 1 TERMINAL	0.017	1.5	1.5	1.5	0.017	1.7
SIGN TRUSS AT 1923+80	1922+55.00		1923+30.00	WIDENING FOR TYPE 1 TERMINAL	0.017	1.5	1.5	1.5	0.017	1.7
092-0150	34+70.00		35+45.00	WIDENING FOR TYPE 1 TERMINAL	0.017	1.5	1.5	1.5	0.017	1.7
	1933+52.10		1934+27.10	WIDENING FOR TYPE 1 TERMINAL	0.017	1.5	1.5	1.5	0.017	1.7
092-0038	1927+75.00		1931+00.00	IMPACT ATTENUATOR	0.239	21.5	21.5	21.5	0.239	23.9
092-0150	1934+25.00		1936+75.00	IMPACT ATTENUATOR	0.184	16.5	16.5	16.5	0.184	18.4
SIGN TRUSS AT 1937+20	1937+95.00		1938+70.00	WIDENING FOR TYPE 1 TERMINAL	0.017	1.5	1.5	1.5	0.017	1.7
CULVERT	1950+78.00		1951+50.00	WIDENING FOR TYPE 1 TERMINAL	0.017	1.5	1.5	1.5	0.017	1.7
SIGN TRUSS AT 1942+50	1942+75.00		1943+50.00	WIDENING FOR TYPE 1 TERMINAL	0.017	1.5	1.5	1.5	0.017	1.7
SIGN TRUSS AT 1942+50	1941+50.00		1943+50.00	IMPACT ATTENUATOR	0.147	13.2	13.2	13.2	0.147	14.7
092-0129	1970+25.00		1972+50.00	IMPACT ATTENUATOR	0.165	14.9	14.9	14.9	0.165	16.5
	1967+45.00		1968+18.00	WIDENING FOR TYPE 1 TERMINAL	0.028	2.5	2.5	2.5	0.028	2.8
	1974+32.00		1975+04.00	WIDENING FOR TYPE 1 TERMINAL	0.016	1.4	1.4	1.4	0.016	1.6
092-0015	1985+05.00		1985+78.00	WIDENING FOR TYPE 1 TERMINAL	0.046	4.1	4.1	4.1	0.046	4.6
	1986+40.00		1987+13.00	WIDENING FOR TYPE 1 TERMINAL	0.025	2.3	2.3	2.3	0.025	2.5
092-0014	1999+21.00		2000+05.00	WIDENING FOR TYPE 1 TERMINAL	0.015	1.3	1.3	1.3	0.015	1.5

**CHAMPAIGN & VERMILION

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\projects\0501407 (v8)\70643_text.dgn		DRAWN -	REVISED -			74	FY08HSIP	**	172	19	
		PLOT SCALE = 40.0000' / IN.	REVISED -			70643					
		PLOT DATE = 12/20/2007	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA.	TO
						FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

SCHEDULE OF QUANTITIES

SEEDING SCHEDULE										
STRUCTURE NO.	STATION	TO	STATION	DESCRIPTION	SEEDING CLASS 2A 25000210.000	NITROGEN FERTILIZER NUTRIENTS 25000400	PHOSPHORUS FERTILIZER NUTRIENTS 25000500	POTASSIUM FERTILIZER NUTRIENTS 25000600	MULCH METHOD 2 25100115	TEMPORARY EROSION CONTROL SEEDING 28000250
					ACRE	POUND	POUND	POUND	ACRE	POUND
092-0084	2000+75.00		2002+25.00	IMPACT ATTENUATOR	0.110	9.9	9.9	9.9	0.110	11.0
	2003+61.20		2004+36.20	WIDENING FOR TYPE 1 TERMINAL	0.017	1.5	1.5	1.5	0.017	1.7
EMBANKMENT AT 2007+00 BOWMAN AVE. RAMP	2009+07.50		2009+82.50	WIDENING FOR TYPE 1 TERMINAL	0.017	1.5	1.5	1.5	0.017	1.7
	8+61.14		9+36.14		0.017	1.5	1.5	1.5	0.017	1.7
092-0198	2009+00.00		2011+50.00	IMPACT ATTENUATOR	0.184	16.5	16.5	16.5	0.184	18.4
092-0016	2024+62.00		2025+46.00	WIDENING FOR TYPE 1 TERMINAL	0.000	0.0	0.0	0.0	0.000	0.0
	2028+50.00		2029+34.00	WIDENING FOR TYPE 1 TERMINAL	0.024	2.2	2.2	2.2	0.024	2.4
092-0019	2042+42.00		2043+15.00	WIDENING FOR TYPE 1 TERMINAL	0.021	1.9	1.9	1.9	0.021	2.1
	2053+55.00		2054+27.00	WIDENING FOR TYPE 1 TERMINAL	0.020	1.8	1.8	1.8	0.020	2.0
092-2001	2076+04.00		2076+88.00	WIDENING FOR TYPE 1 TERMINAL	0.093	8.4	8.4	8.4	0.093	9.3
	2098+38.00		2099+22.00	WIDENING FOR TYPE 1 TERMINAL	0.022	1.9	1.9	1.9	0.022	2.2
092-0151	2139+00.00		2141+50.00	IMPACT ATTENUATOR	0.184	16.5	16.5	16.5	0.184	18.4
	2136+72.00		2137+45.00	WIDENING FOR TYPE 1 TERMINAL	0.022	2.0	2.0	2.0	0.022	2.2
	2143+04.00		2143+77.00	WIDENING FOR TYPE 1 TERMINAL	0.031	2.8	2.8	2.8	0.031	3.1
092-0022	2152+75.00		2155+50.00	IMPACT ATTENUATOR	0.202	18.2	18.2	18.2	0.202	20.2
	2149+73.00		2150+46.00	WIDENING FOR TYPE 1 TERMINAL	0.015	1.3	1.3	1.3	0.015	1.5
	2156+23.00		2156+96.00	WIDENING FOR TYPE 1 TERMINAL	0.033	2.9	2.9	2.9	0.033	3.3
092-0024	2192+25.00		2192+98.00	WIDENING FOR TYPE 1 TERMINAL	0.034	3.0	3.0	3.0	0.034	3.4
	2198+53.00		2199+25.00	WIDENING FOR TYPE 1 TERMINAL	0.017	1.5	1.5	1.5	0.017	1.7
092-0026	2209+62.00		2210+35.00	WIDENING FOR TYPE 1 TERMINAL	0.022	2.0	2.0	2.0	0.022	2.2
LYNCH RD. RAMP	12+50.00		13+25.00	WIDENING FOR TYPE 1 TERMINAL	0.017	1.5	1.5	1.5	0.017	1.7
092-0023	2207+94.00		2208+67.00	WIDENING FOR TYPE 1 TERMINAL	0.028	2.6	2.6	2.6	0.028	2.8
092-0025	2217+84.00		2218+57.00	WIDENING FOR TYPE 1 TERMINAL	0.024	2.1	2.1	2.1	0.024	2.4
	2217+08.00		2217+80.00	WIDENING FOR TYPE 1 TERMINAL	0.016	1.5	1.5	1.5	0.016	1.6
TOTAL =					6.305	567.5	567.5	567.5	6.305	630.5
USE =					6.5	568.0	568.0	568.0	6.5	631.0

**CHAMPAIGN & VERMILION

FILE NAME = c:\projects\d501407 (v8)\70643_text.dgn	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -			74	FY08HSIP	**	172	20	
		PLOT SCALE = 40.0000' / IN.	CHECKED -			SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	70643
		PLOT DATE = 12/20/2007	DATE -								FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

SCHEDULE OF QUANTITIES

28000300 TEMPORARY DITCH CHECKS					
STATION	LOCATION	EACH	STATION	LOCATION	EACH
735+00.00	MED	1.0	1782+00.00	RT OUT	1.0
760+75.00	MED	1.0	1787+26.60	LT OUT	1.0
762+75.00	MED	1.0	1826+00.00	MED	1.0
831+25.00	MED	1.0	1828+00.00	MED	1.0
833+00.00	MED	1.0	1858+27.00	MED	1.0
853+75.00	MED	1.0	1863+74.25	MED	1.0
898+37.09	RT OUT	1.0	1872+71.32	MED	1.0
1238+28.64	RT OUT	1.0	1886+30.93	MED	1.0
1240+25.00	MED	1.0	1886+97.65	MED	1.0
1242+25.00	MED	1.0	1895+93.50	MED	1.0
1244+25.00	LT OUT	1.0	1895+56.00	LT OUT	1.0
1290+10.00	LT OUT	1.0	1916+75.00	MED	1.0
1318+13.85	RT OUT	1.0	1918+85.00	MED	1.0
1319+75.00	MED	1.0	1921+25.00	MED	1.0
1321+75.00	MED	1.0	1927+75.00	MED	1.0
1412+65.00	MED	1.0	1931+00.00	MED	1.0
1415+00.00	MED	1.0	1934+25.00	MED	1.0
1506+25.00	MED	1.0	1936+75.00	MED	1.0
1508+00.00	MED	1.0	1941+50.00	MED	1.0
1574+75.00	MED	1.0	1943+50.00	MED	1.0
1577+25.00	MED	1.0	1951+62.50	RT OUT	1.0
1612+57.00	RT OUT	1.0	1970+25.00	MED	1.0
1646+50.00	MED	1.0	1972+50.00	MED	1.0
1648+75.00	MED	1.0	1987+25.10	RT OUT	1.0
1687+34.27	MED	1.0	1985+90.00	MED	1.0
1690+50.00	MED	1.0	2000+75.00	MED	1.0
1696+00.00	MED	1.0	2011+50.00	MED	1.0
1699+00.00	MED	1.0	2043+42.10	MED	1.0
1723+72.00	RT OUT	1.0	2139+00.00	MED	1.0
1726+50.00	MED	1.0	2141+75.00	MED	1.0
1728+00.00	MED	1.0	2152+75.00	MED	1.0
1730+45.00	RT OUT	1.0	2155+50.00	MED	1.0
1734+00.00	MED	1.0	2143+41.95	LT OUT	1.0
1734+32.00	LT OUT	1.0	2156+60.77	LT OUT	1.0
1739+50.00	RT OUT	1.0	2199+00.30	MED	1.0
1741+50.00	MED	1.0	2208+69.20	MED	1.0
1747+03.23	MED	1.0	2210+09.90	MED	1.0
1762+75.00	MED	1.0	2218+59.30	MED	1.0
1770+83.60	LT OUT	1.0			
TOTAL =					77.0

IMPACT ATTENUATOR QUANTITIES							
STRUCTURE NUMBER	STATION	PAD LOCATION	GUARD POSTS	GUARD POSTS	CONCRETE	IMPACT	SAND MODULE
			63400105	63400205	REMOVAL SPECIAL	ATTENUATORS	IMPACT ATTENUATOR
			EACH	EACH	Z0013300	(NON-REDIRECTIVE)	Z0056220
					SQ YD	Z0030150	Z0056220
						EACH	EACH
010-0089	762+00.0	EAST	4.0	5.0	26.0	1.0	14.0
		WEST	4.0	7.0	26.0	1.0	14.0
010-0182	832+31.5	EAST	4.0	6.0	24.4	1.0	14.0
		WEST	4.0	6.0	28.1	1.0	13.0
010-0183	901+29.0	EAST	4.0	7.0	48.0	1.0	19.0
		WEST	4.0	10.0	44.9	1.0	19.0
092-0146	1107+30.2	EAST	4.0	5.0	32.1	1.0	14.0
		WEST	4.0	4.0	28.9	1.0	14.0
092-0152	1241+21.6	EAST	4.0	5.0	24.3	1.0	16.0
		WEST	4.0	3.0	27.6	1.0	16.0
092-0115	1320+69.3	EAST	4.0	3.0	25.0	1.0	16.0
		WEST	4.0	4.0	27.2	1.0	16.0
092-0148	1413+64.0	EAST	4.0	2.0	27.0	1.0	16.0
		WEST	4.0	4.0	27.0	1.0	16.0
092-0075	1507+04.0	EAST	4.0	5.0	27.3	1.0	16.0
		WEST	4.0	5.0	25.4	1.0	16.0
092-0125	1575+78.7	EAST	4.0	5.0	22.4	1.0	16.0
		WEST	4.0	5.0	24.9	1.0	16.0
092-0127	1647+79.00	EAST	4.0	3.0	22.7	1.0	15.0
		WEST	4.0	3.0	23.1	1.0	15.0
092-0005	1688+88.00	EAST	4.0	3.0	22.1	1.0	16.0
		WEST	4.0	2.0	25.6	1.0	15.0
092-0051	1697+22.5	EAST	4.0	5.0	24.6	1.0	15.0
		WEST	4.0	5.0	25.4	1.0	15.0
092-0099	1727+30.3	EAST	4.0	4.0	31.6	1.0	19.0
		WEST	4.0	4.0	31.5	1.0	14.0
092-0126	1742+16.65	EAST	4.0	4.0	30.3	1.0	19.0
		WEST	4.0	4.0	31.4	1.0	19.0
092-0128	1826+70.0	EAST	4.0	4.0	30.8	1.0	19.0
		WEST	4.0	4.0	31.4	1.0	19.0
092-0087	1917+83.25	EAST	4.0	4.0	26.8	1.0	14.0
		WEST	4.0	4.0	27.9	1.0	14.0
092-0149	1919+92.05	EAST	4.0	4.0	26.0	1.0	13.0
		WEST	4.0	4.0	26.9	1.0	13.0
092-0038	1929+29.04	EAST	4.0	4.0	24.5	1.0	14.0
		WEST	4.0	4.0	24.6	1.0	14.0
092-0150	1935+60.00	EAST	4.0	4.0	27.4	1.0	14.0
		WEST	4.0	4.0	26.4	1.0	14.0
SIGN TRUSS	1942+50.00	EAST	4.0	4.0	26.4	1.0	11.0
		WEST	4.0	4.0	26.1	1.0	14.0
092-0129	1971+24.72	EAST	4.0	4.0	24.9	1.0	14.0
		WEST	4.0	4.0	26.4	1.0	14.0
092-0084	2001+45.13	EAST	4.0	4.0	28.0	1.0	14.0
		WEST	4.0	4.0	23.3	1.0	14.0
092-0198	2010+38.49	EAST	4.0	4.0	28.0	1.0	14.0
		WEST	4.0	4.0	25.7	1.0	14.0
092-0151	2140+25.38	EAST	4.0	4.0	26.3	1.0	14.0
		WEST	4.0	4.0	32.2	1.0	19.0
092-0022	2153+34.48	EAST	4.0	4.0	31.9	1.0	19.0
		WEST	4.0	4.0	33.2	1.0	19.0
TOTAL =			204.0	220.0	1420.7	51.0	790.0
USE =			204.0	220.0	1421.0	51.0	790.0

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\d501407 (v8)\70643_text.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

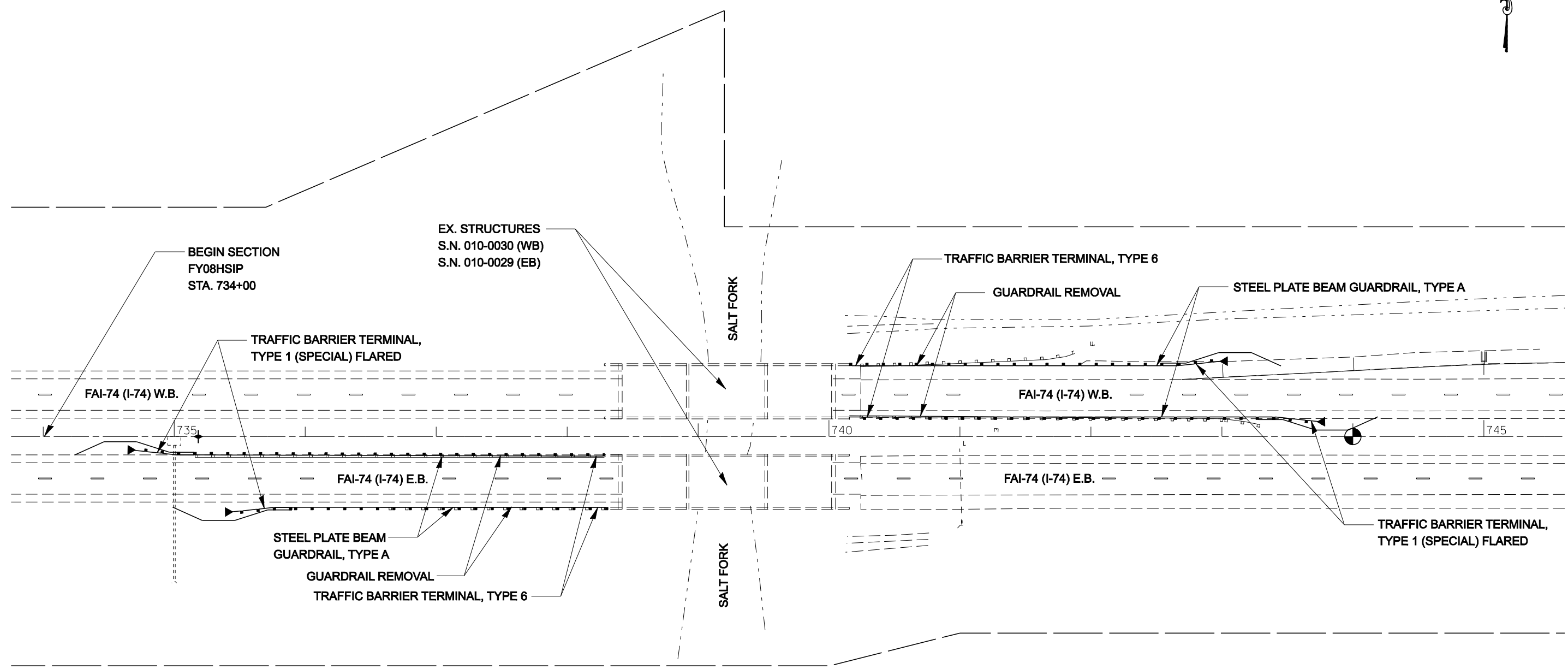
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	21
			70643	
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**CHAMPAIGN & VERMILION

DRAINAGE STRUCTURE QUANTITIES																		
STRUCTURE NUMBER	INLET AND PIPE PROTECTION 2800500		RES. DEPTH MANHOLES, 7" DIA. TYPE 8 GRATE #5000829		PAVED DITCH REMOVAL 44004000			CONCRETE HEADWALL REMOVAL 50104400		PIPE CULVERTS CLASS A TYPE 1, 18" 542A0223				PIPE CULVERTS CLASS A TYPE 1, 24" 542A0229				
	STA	EACH	STA	EACH	STA	TO	STA	FOOT	STA	EACH	STA	TO	STA	FOOT	STA	TO	STA	FOOT
092-0148	1413+00	1.0	1413+00	1.0					1413+00	1.0	1412+50	TO	1413+00	50.0				
	1412+50	1.0									1413+00	TO	1413+00	9.0				
092-0125	1576+50	1.0	1576+50	1.0							1576+50	TO	1577+00	50.0				
	1577+00	1.0									1576+50	TO	1576+50	9.0				
092-0127	1648+50	1.0			1646+75	TO	1647+25	50.0							1648+50	TO	1648+50	9.0
	1689+45	1.0			1648+63	TO	1648+71	8.0										
092-0051	1690+50	1.0																
092-0151	2141+00	1.0	2141+00	1.0					2141+00	1.0					2141+00	TO	2141+50	50.0
	2141+50	1.0													2141+00	TO	2141+00	8.0
092-0022	2154+33	1.0							2154+33	1.0					2154+33	TO	2154+33	10.0
TOTALS =		10.0	3.0		58.0			3.0		118.0				77.0				

DRAINAGE STRUCTURE QUANTITIES														
STRUCTURE NUMBER	FLUSH INLET BOX FOR MEDIAN 54244405		INLET BOX TYPE F STANDARD 542526 54246205		INLET BOX TYPE G STANDARD 542531 54246405		CONCRETE COLLAR 54248510		CATCH BASIN FRAME AND GRATES TO BE ADJUSTED 60300320		INLET BOX TO BE ADJUSTED (SPECIAL) X0931400		REMOVE INLET BOX X6050700	
	STA	EACH	STA	EACH	STA	EACH	STA	CU YD	STA	EACH	STA	EACH	STA	EACH
092-0148			1412+50	1.0			1413+00	0.35						
092-0125			1577+00	1.0			1576+50	0.35					1576+50	1.0
092-0127					1648+50	1.0							1648+50	1.0
092-0051									1690+50	1.0	1689+45	1.0		
092-0151			2141+50	1.0			2141+00	0.45						
092-0022	2154+33	1.0					2154+33	0.45						
TOTALS =		1.0	3.0		1.0		1.60		1.0		1.0		2.0	



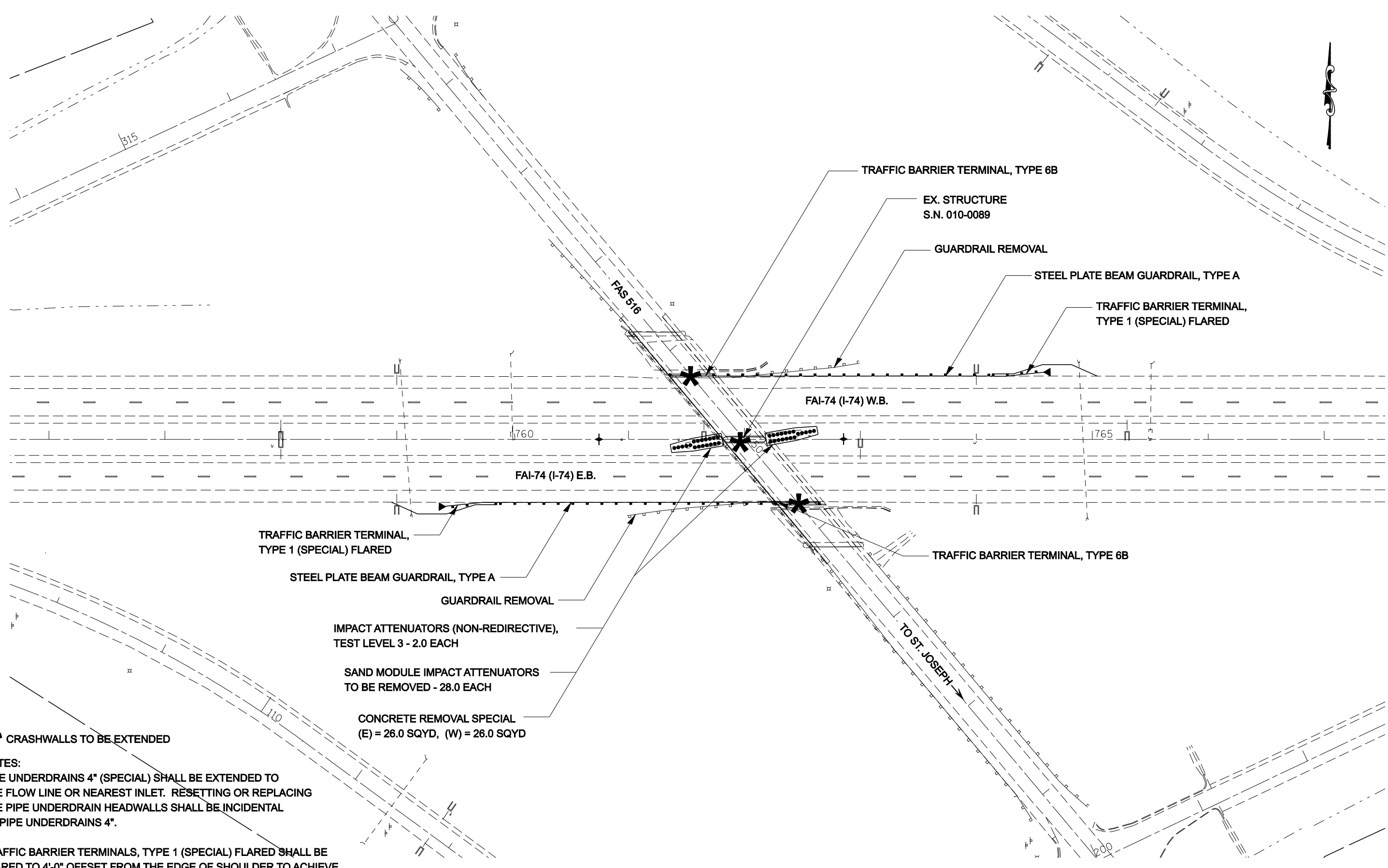
NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.10, R10E, T19N, 3RD PM

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\projects\d501407 (v8)\70643.plansheet.dgn	PLOT SCALE = 80.0000' / IN.	DRAWN -	REVISED -			74	FY08HSIP	**	172	24	
	PLOT DATE = 12/20/2007	CHECKED -	REVISED -			CONTRACT NO. 70643					
		DATE -	REVISED -			SCALE: 1:40	SHEET NO.	OF	SHEETS	STA. 734+00 TO STA. 745+00	FED. ROAD DIST. NO.

•• CHAMPAIGN & VERMILION COUNTIES



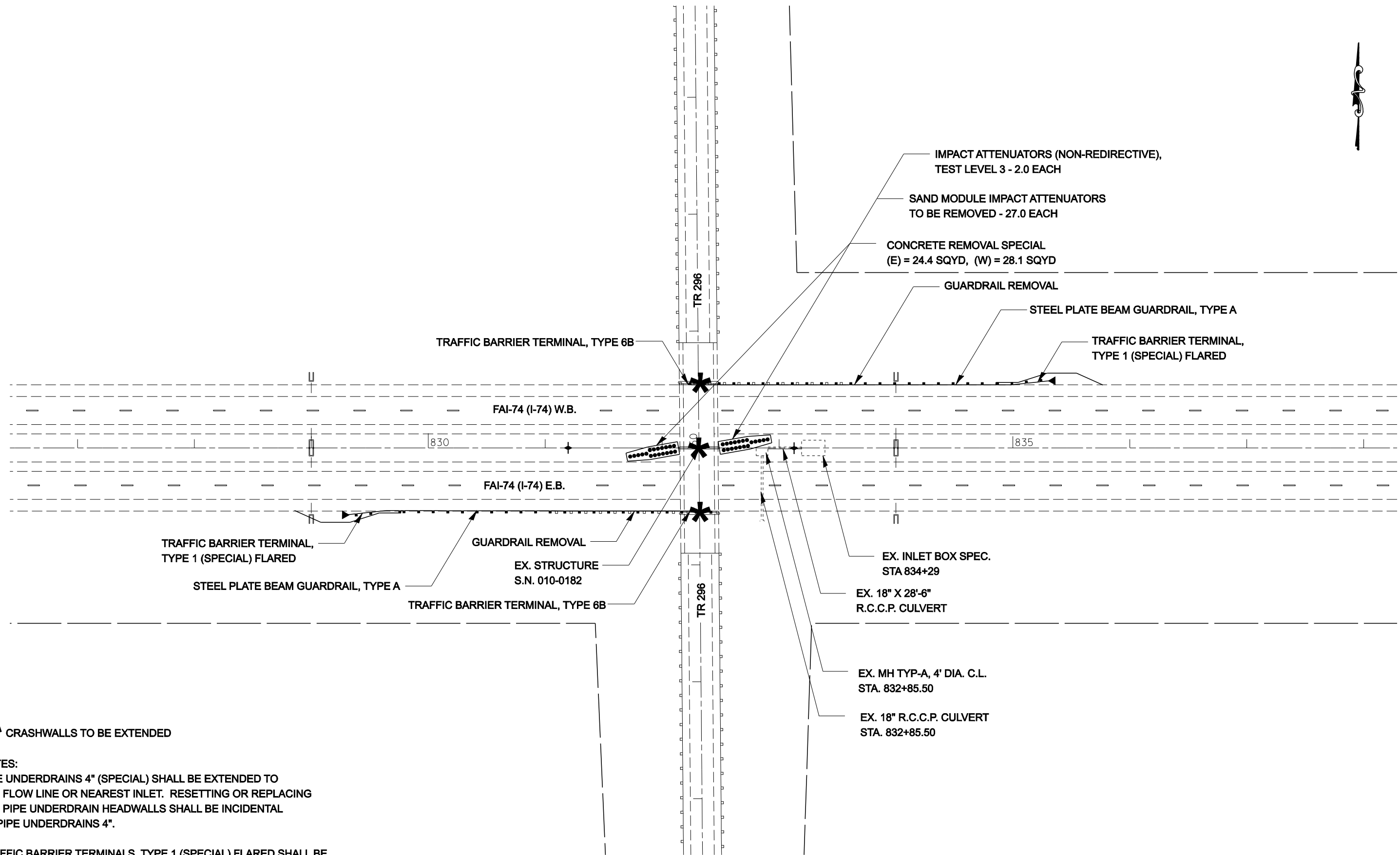
*** CRASHWALLS TO BE EXTENDED**

NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.10, R10E, T19N, 3RD PM

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS	** CHAMPAIGN & VERMILION COUNTIES				
ct:\projects\0501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -			F.A.I. RTE. 74	SECTION FY08HSIP	COUNTY **	TOTAL SHEETS 172	SHEET NO. 25
PLOT SCALE = 80.0000' / IN.		CHECKED -	REVISED -			SCALE: 1:40		SHEET NO. OF SHEETS		CONTRACT NO. 70643
PLOT DATE = 12/20/2007		DATE -	REVISED -			STA. 756+00 TO STA. 767+00		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT		



*** CRASHWALLS TO BE EXTENDED**

NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.12, R10E, T19N, 3RD PM

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\d501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -
	PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/20/2007	DATE -	REVISED -

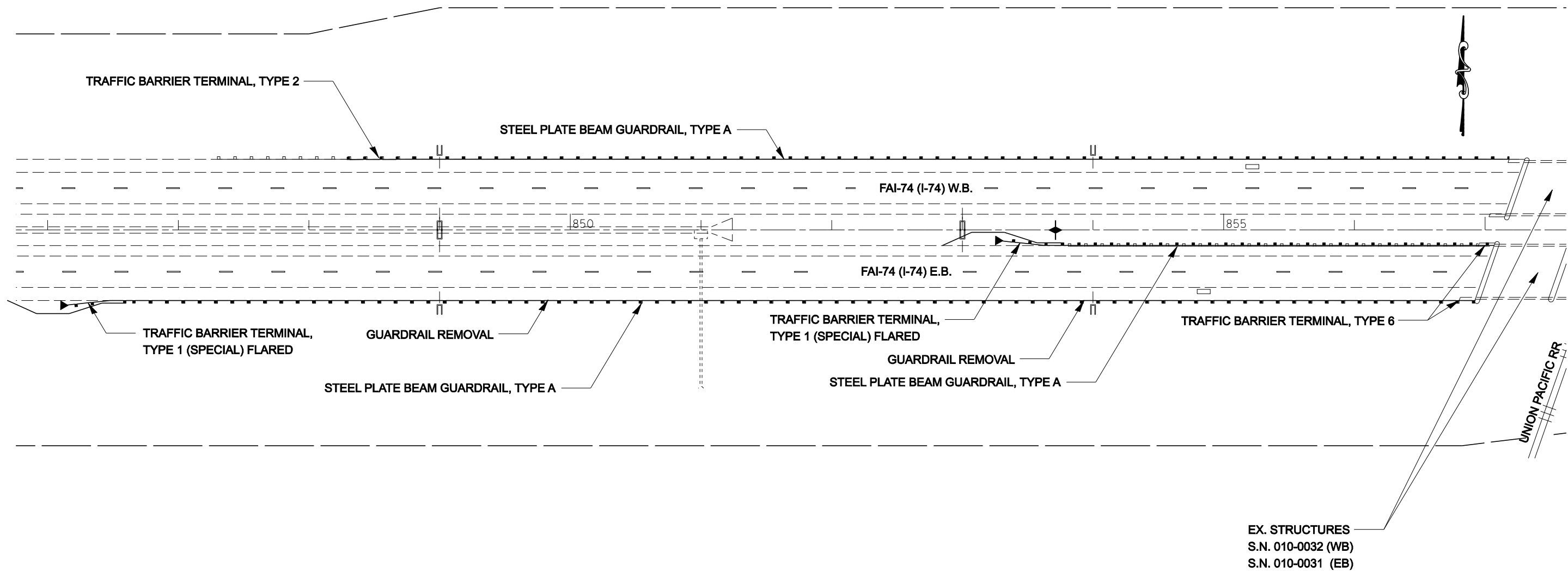
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-74 GUARDRAIL & IMPACT ATTENUATORS

SCALE: 1:40 SHEET NO. OF SHEETS STA. 827+00 TO STA. 838+00

F.A.I. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		FY08HSIP	**	172	26
FED. ROAD DIST. NO.				ILLINOIS FED. AID PROJECT	
				CONTRACT NO. 70643	

** CHAMPAIGN & VERMILION COUNTIES



NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.12, R10E, T19N, 3RD PM

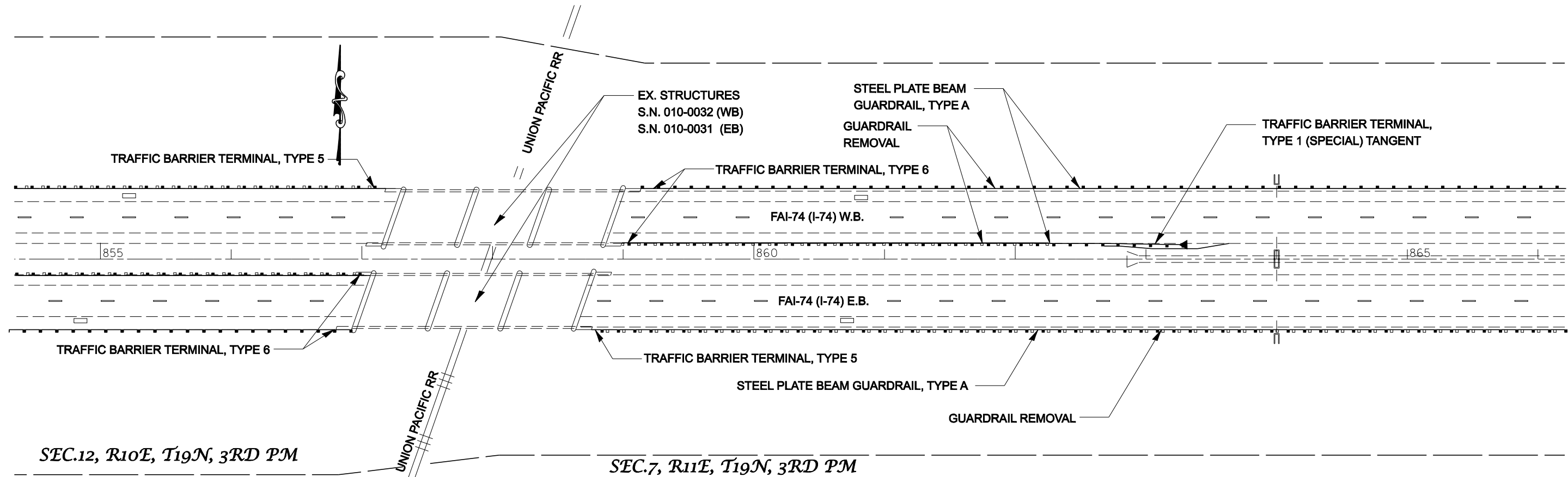
FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\0501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -
	PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/20/2007	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-74 GUARDRAIL & IMPACT ATTENUATORS

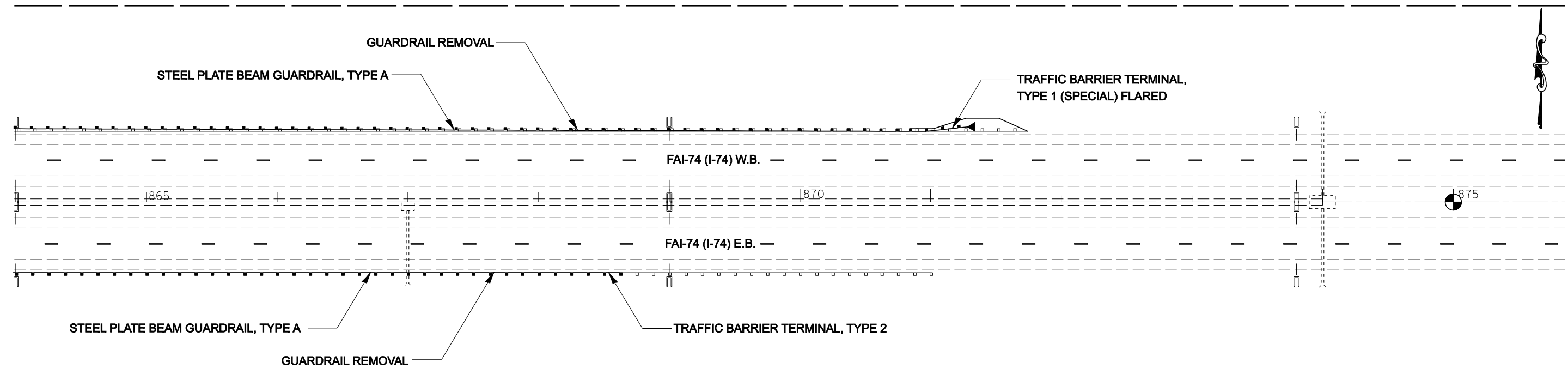
SCALE: 1:40 SHEET NO. OF SHEETS STA. 846+00 TO STA. 857+00

** CHAMPAIGN & VERMILION COUNTIES			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	FY08HSIP	**	172
			SHEET NO. 27
CONTRACT NO. 70643			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



SEC.12, R10E, T19N, 3RD PM

SEC.7, R11E, T19N, 3RD PM

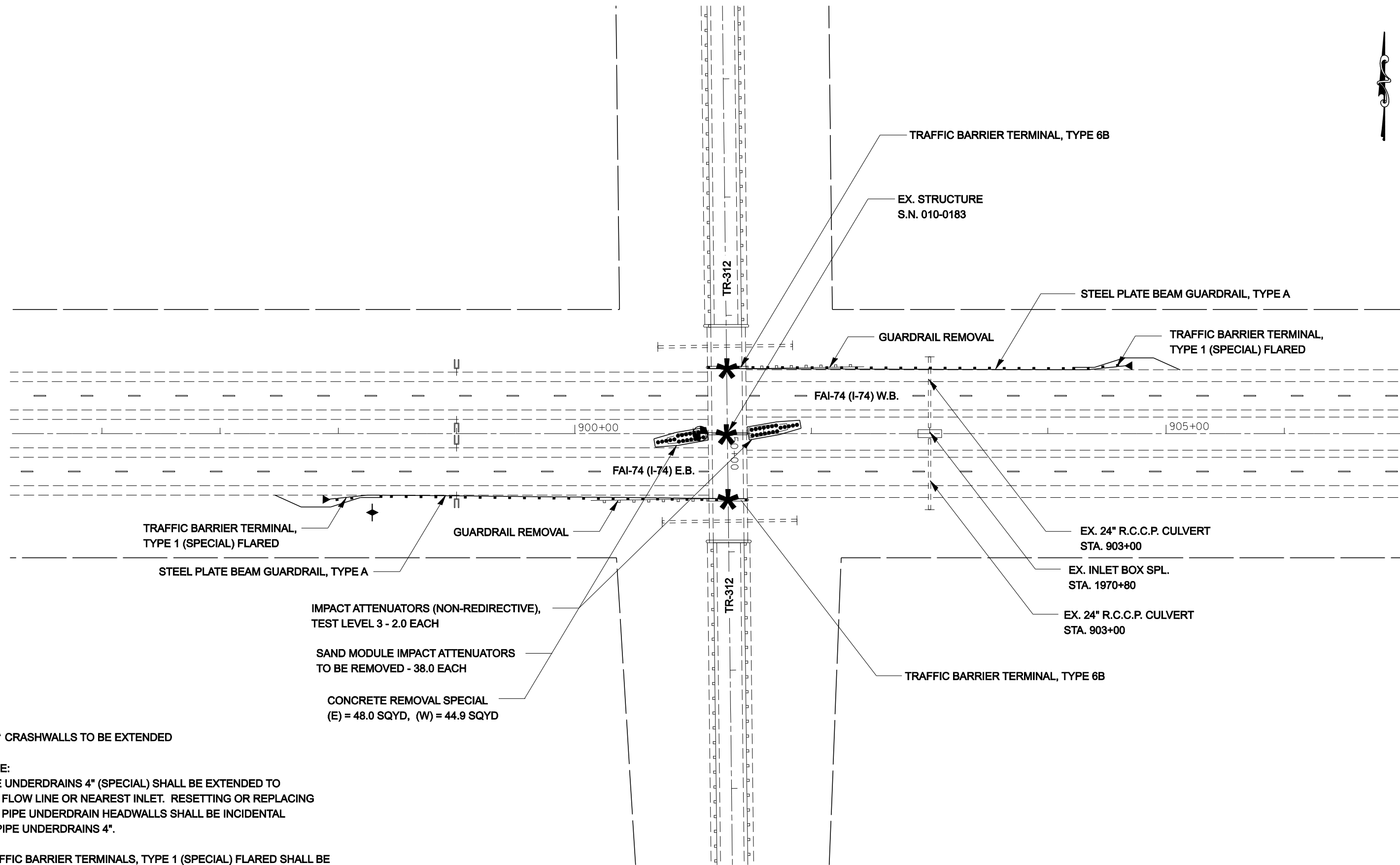


NOTE:
PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

NOTE:
TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.7, R11E, T19N, 3RD PM

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\projects\d501407 (v8)\70643.plansheets.dgn		DRAWN -	REVISED -			74	FY08HSIP	**	172	28	
PLOT SCALE = 80.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 70643					
PLOT DATE = 12/20/2007		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					
					SCALE: 1:40	SHEET NO.	OF	SHEETS	STA. 857+00 TO STA. 875+00		



TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED

STEEL PLATE BEAM GUARDRAIL, TYPE A

IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3 - 2.0 EACH

SAND MODULE IMPACT ATTENUATORS TO BE REMOVED - 38.0 EACH

CONCRETE REMOVAL SPECIAL (E) = 48.0 SQYD, (W) = 44.9 SQYD

* CRASHWALLS TO BE EXTENDED

NOTE:
PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.7, R11E, T19N, 3RD PM

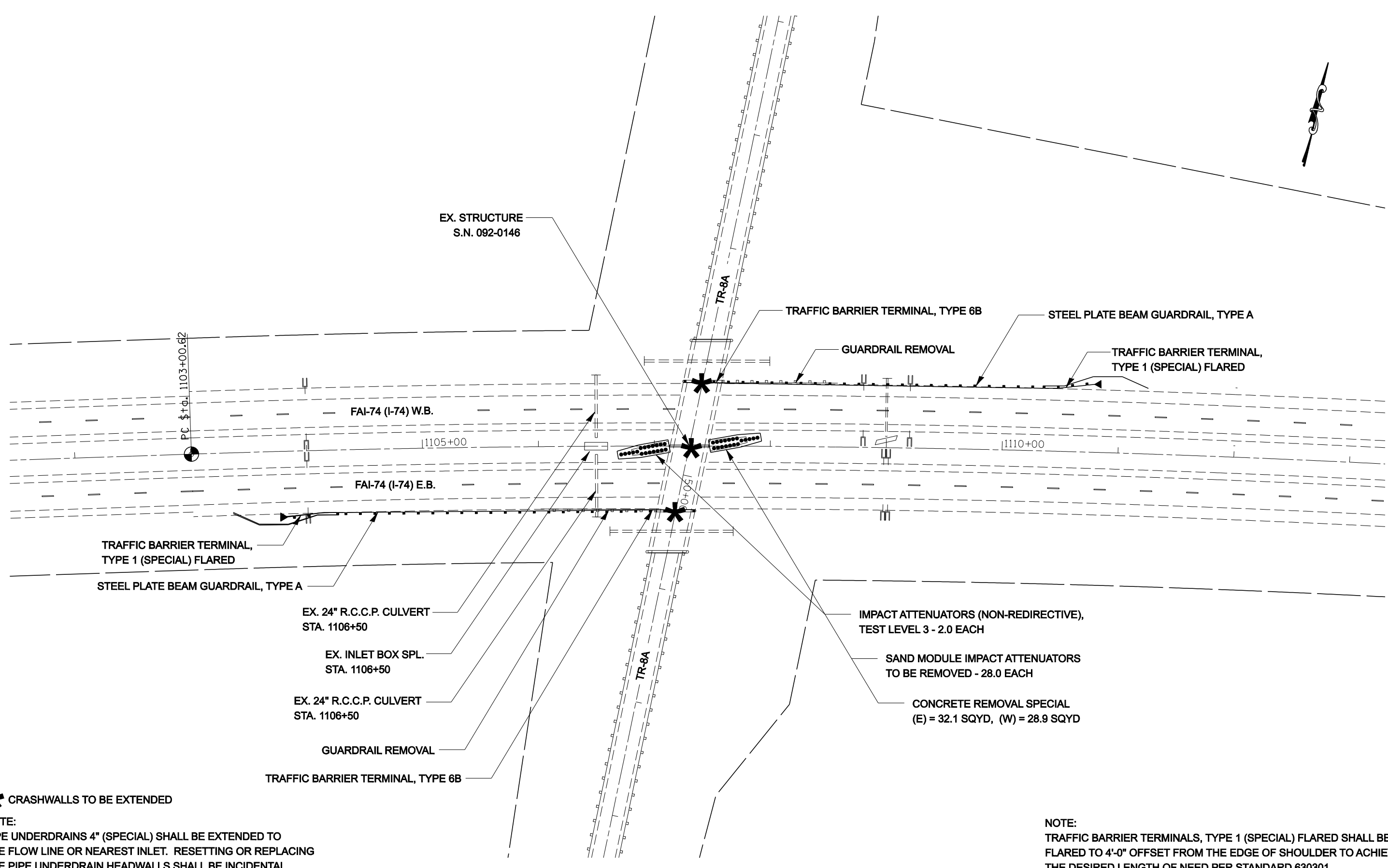
SEC.7, R14W, T19N, 2ND PM

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\0501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -
	PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/20/2007	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

I-74 GUARDRAIL & IMPACT ATTENUATORS
SCALE: 1:40 SHEET NO. OF SHEETS STA. 896+00 TO STA. 907+00

** CHAMPAIGN & VERMILION COUNTIES			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	FY08HSIP	**	172
			SHEET NO. 29
CONTRACT NO. 70643			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



EX. STRUCTURE
S.N. 092-0146

TRAFFIC BARRIER TERMINAL, TYPE 6B

STEEL PLATE BEAM GUARDRAIL, TYPE A

GUARDRAIL REMOVAL

TRAFFIC BARRIER TERMINAL,
TYPE 1 (SPECIAL) FLARED

FAI-74 (I-74) W.B.

1105+00

1110+00

FAI-74 (I-74) E.B.

TRAFFIC BARRIER TERMINAL,
TYPE 1 (SPECIAL) FLARED

STEEL PLATE BEAM GUARDRAIL, TYPE A

EX. 24" R.C.C.P. CULVERT
STA. 1106+50

EX. INLET BOX SPL.
STA. 1106+50

EX. 24" R.C.C.P. CULVERT
STA. 1106+50

GUARDRAIL REMOVAL

TRAFFIC BARRIER TERMINAL, TYPE 6B

IMPACT ATTENUATORS (NON-REDIRECTIVE),
TEST LEVEL 3 - 2.0 EACH

SAND MODULE IMPACT ATTENUATORS
TO BE REMOVED - 28.0 EACH

CONCRETE REMOVAL SPECIAL
(E) = 32.1 SQYD, (W) = 28.9 SQYD

***** CRASHWALLS TO BE EXTENDED

NOTE:
PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO
THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING
THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL
TO PIPE UNDERDRAINS 4".

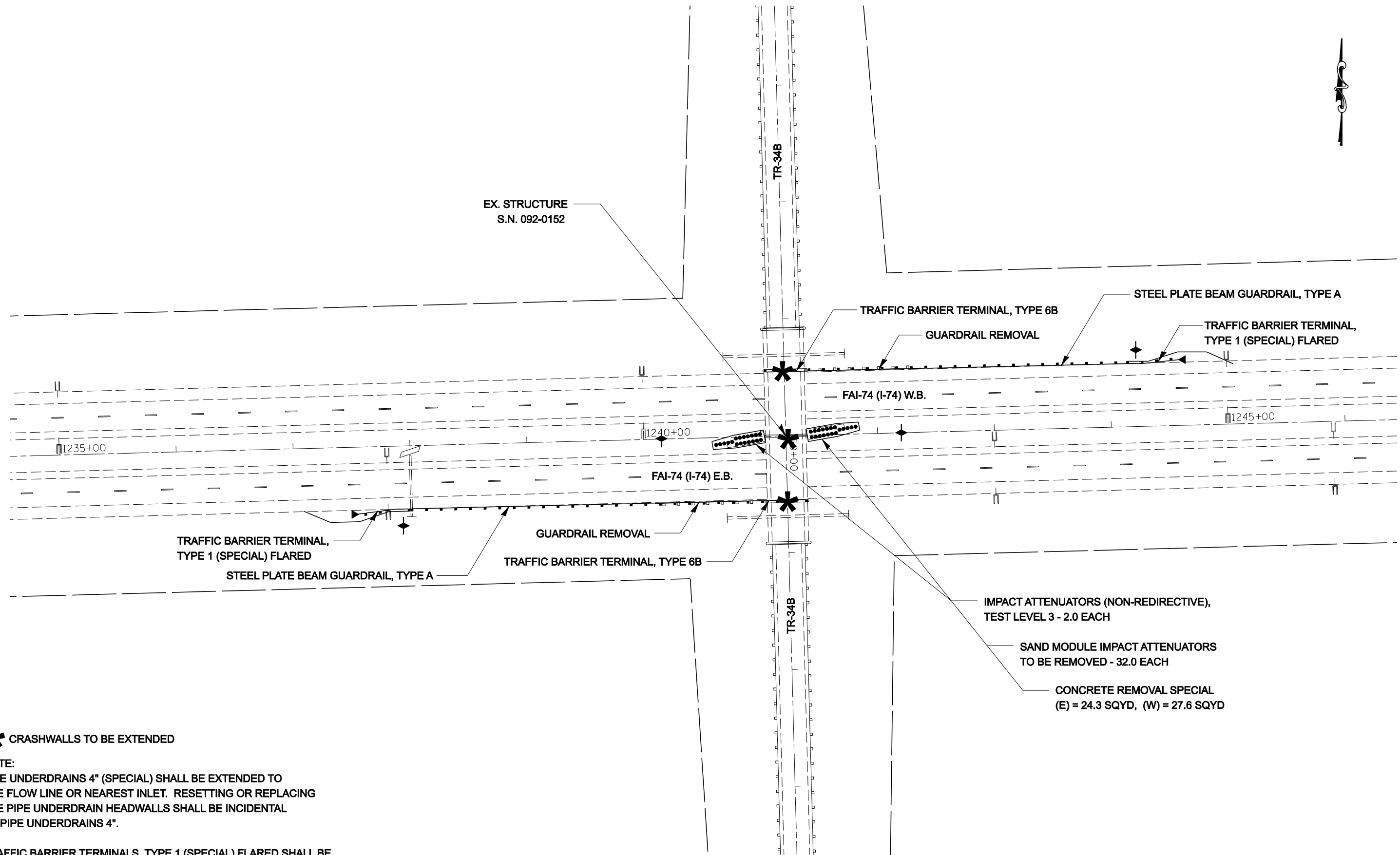
NOTE:
TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE
FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE
THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.10, R14W, T19N, 2ND PM

SEC.11, R14W, T19N, 2ND PM

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\projects\d501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -			74	FY08HSIP	**	172	30	
PLOT SCALE = 80.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 70643					
PLOT DATE = 12/20/2007		DATE -	REVISED -			SCALE: 1:40	SHEET NO.	OF	SHEETS	STA. 1102+00 TO STA. 1113+00	FED. ROAD DIST. NO.

** CHAMPAIGN & VERMILION COUNTIES



*** CRASHWALLS TO BE EXTENDED**

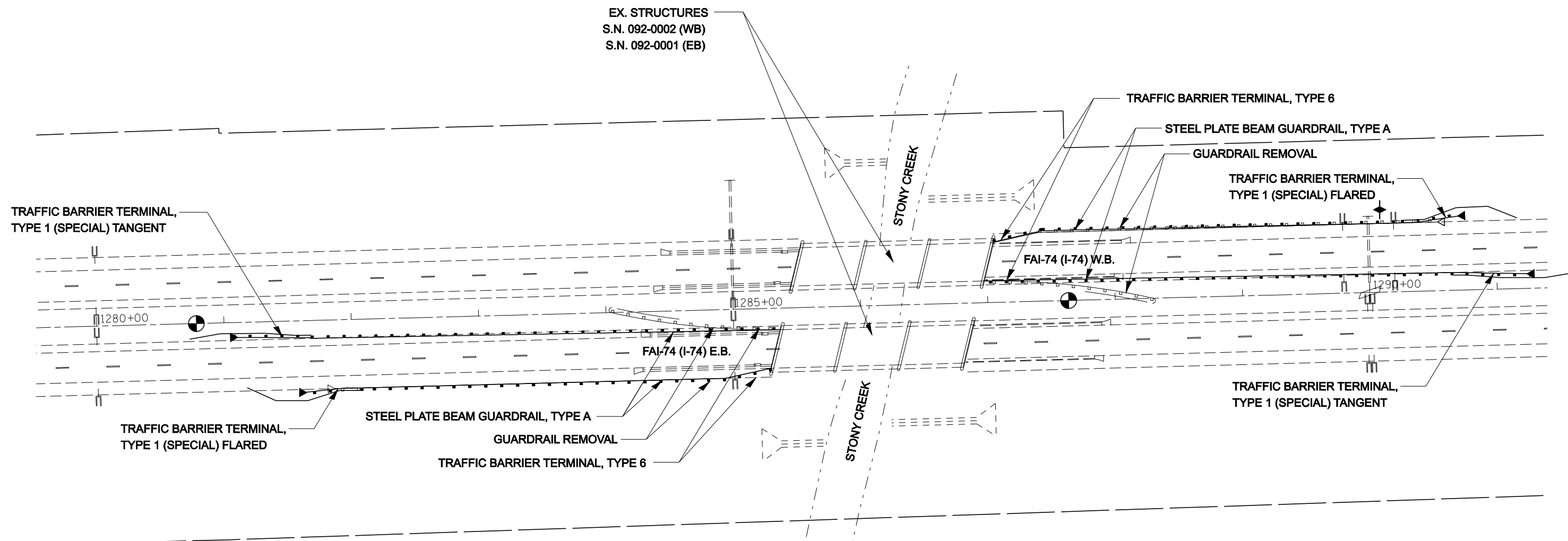
NOTE:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.7, R13W, T19N, 2ND PM

FILE NAME = c:\projects\d501407 (v8)\70643.plnsheet.dgn USER NAME = collierbw PLOT SCALE = 80.0000' / IN. PLOT DATE = 12/20/2007				DESIGNED - DRAWN - CHECKED - DATE -				REVISED - REVISED - REVISED - REVISED -				STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION				I-74 GUARDRAIL & IMPACT ATTENUATORS				F.A.I. RTE. 74 SECTION FY08HSIP COUNTY ** TOTAL SHEETS 172 SHEET NO. 31 CONTRACT NO. 70643			
SCALE: 1:40												SHEET NO. OF SHEETS				STA. 1235+00 TO STA. 1246+00				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			

•• CHAMPAIGN & VERMILION COUNTIES

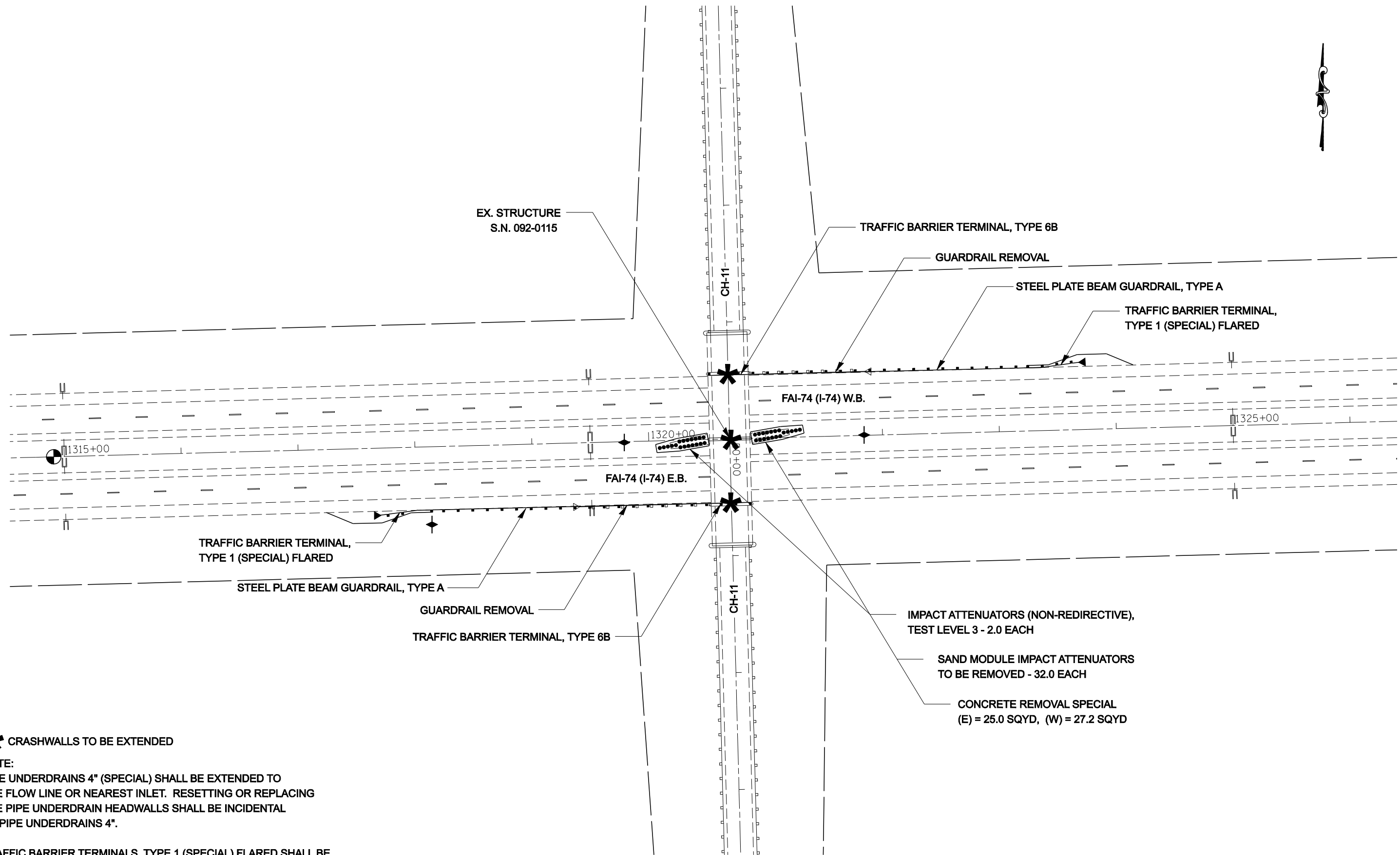


NOTE:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.8, R13W, T19N, 2ND PM

FILE NAME =		USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS		** CHAMPAIGN & VERMILION COUNTIES			
ct:\projects\d501407 (v8)\70643.plansheets.dgn		DRAWN -	REVISED -	F.A.I. RTE. 74				SECTION FY08HSIP	COUNTY **	TOTAL SHEETS 172	SHEET NO. 32
PLOT SCALE = 80.0000' / IN.		CHECKED -	REVISED -	CONTRACT NO. 70643							
PLOT DATE = 12/20/2007		DATE -	REVISED -	SCALE: 1:40				SHEET NO. OF SHEETS	STA. 1280+00 TO STA. 1291+00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



***** CRASHWALLS TO BE EXTENDED

NOTE:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

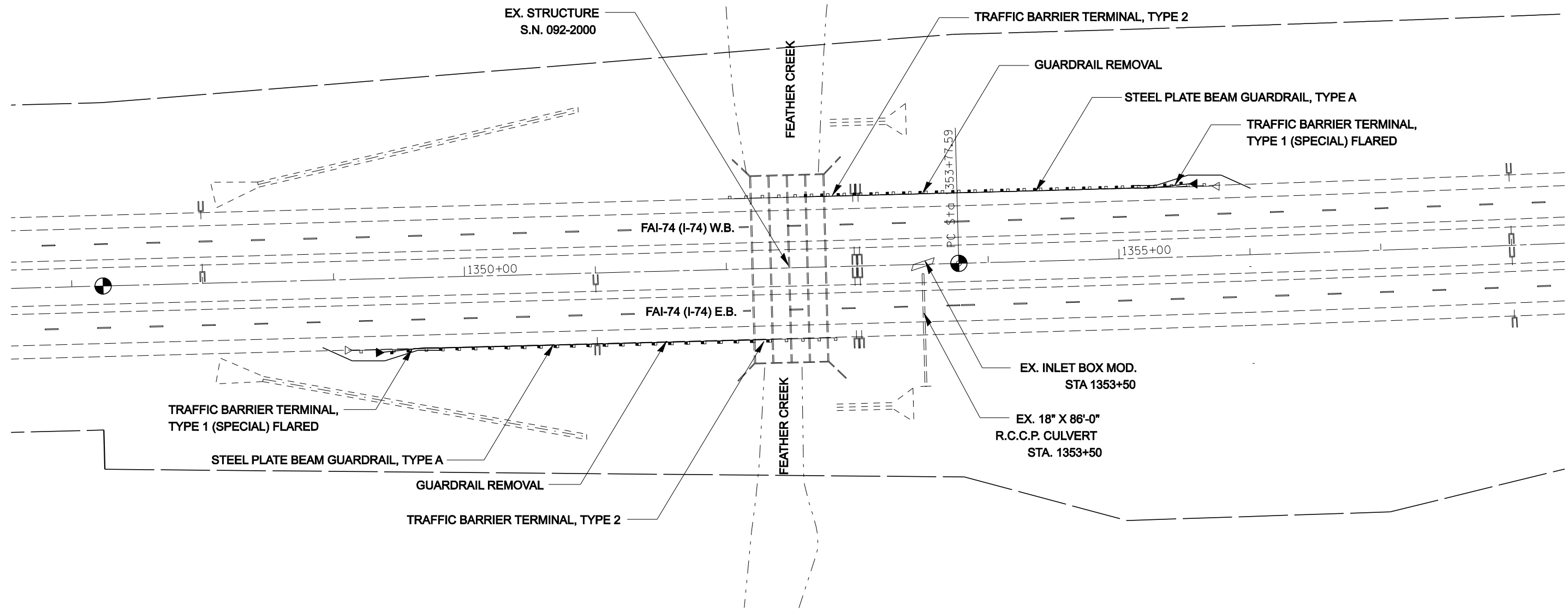
TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.8, R13W, T19N, 2ND PM

SEC.9, R13W, T19N, 2ND PM

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\projects\d501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -			74	FY08HSIP	**	172	33
PLOT SCALE = 80.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 70643				
PLOT DATE = 12/20/2007		DATE -	REVISED -			SCALE: 1:40	SHEET NO. OF SHEETS	STA. 1315+00 TO STA. 1326+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

** CHAMPAIGN & VERMILION COUNTIES



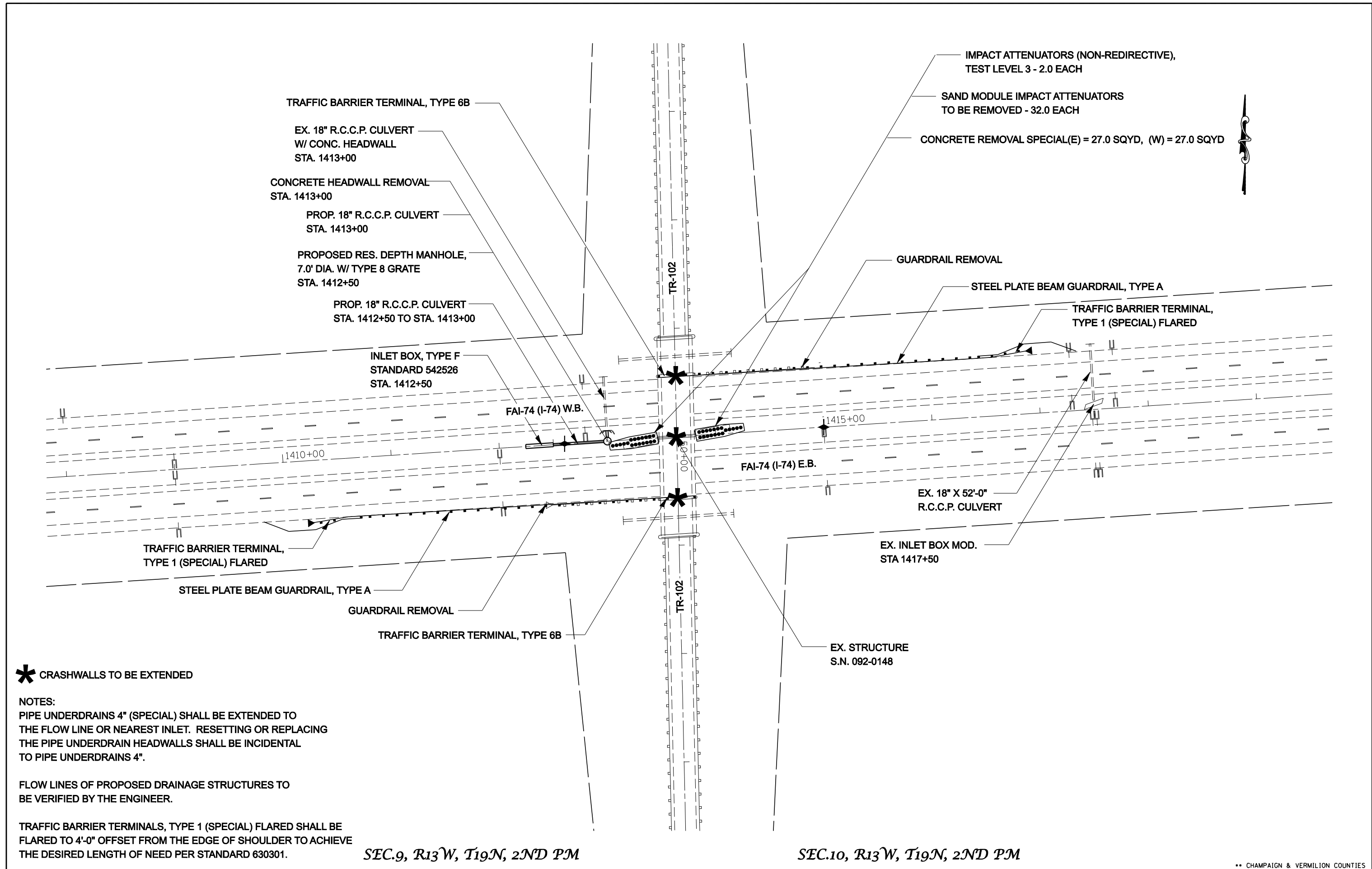
NOTE:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.9, R13W, T19N, 2ND PM

FILE NAME =		USER NAME = collierbw		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		I-74 GUARDRAIL & IMPACT ATTENUATORS		F.A.I. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
c:\projects\d501407 (v8)\70643.plnsheet.dgn		DRAWN -		REVISED -		74						FY08HSIP		**		172		34			
PLOT SCALE = 80.0000' / IN.		CHECKED -		REVISED -		SCALE: 1:40						SHEET NO. OF SHEETS		STA. 1347+00 TO STA. 1358+00		FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT			
PLOT DATE = 12/20/2007		DATE -		REVISED -												CONTRACT NO. 70643					

•• CHAMPAIGN & VERMILION COUNTIES



*** CRASHWALLS TO BE EXTENDED**

NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

FLOW LINES OF PROPOSED DRAINAGE STRUCTURES TO BE VERIFIED BY THE ENGINEER.

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.9, R13W, T19N, 2ND PM

SEC.10, R13W, T19N, 2ND PM

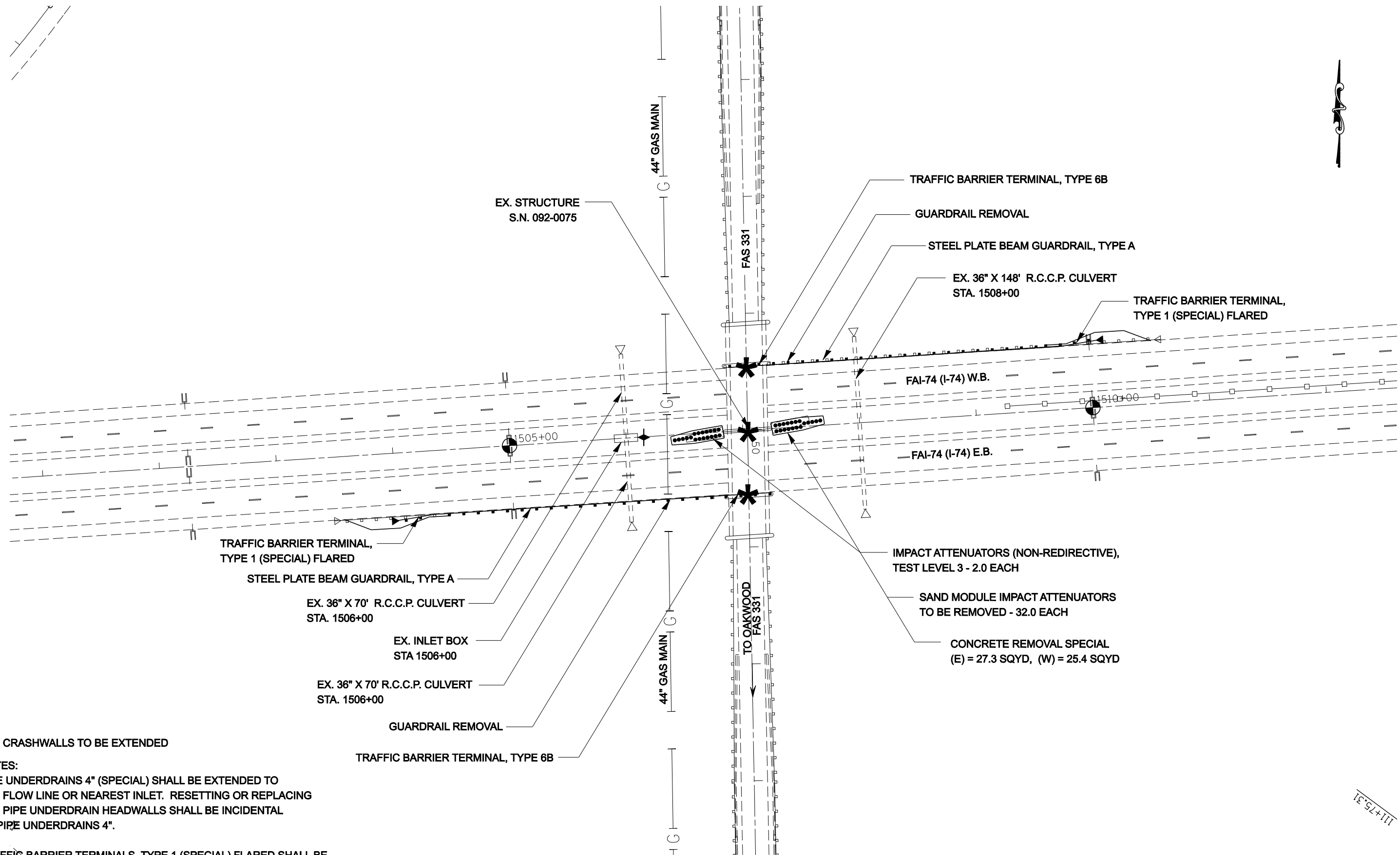
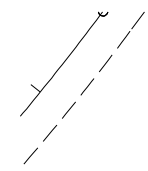
FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\0501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-74 GUARDRAIL & IMPACT ATTENUATORS

SCALE: 1:40 SHEET NO. OF SHEETS STA. 1408+00 TO STA. 1419+00

** CHAMPAIGN & VERMILION COUNTIES			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	FY08HSIP	**	172
			SHEET NO. 35
CONTRACT NO. 70643			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



*** CRASHWALLS TO BE EXTENDED**

NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

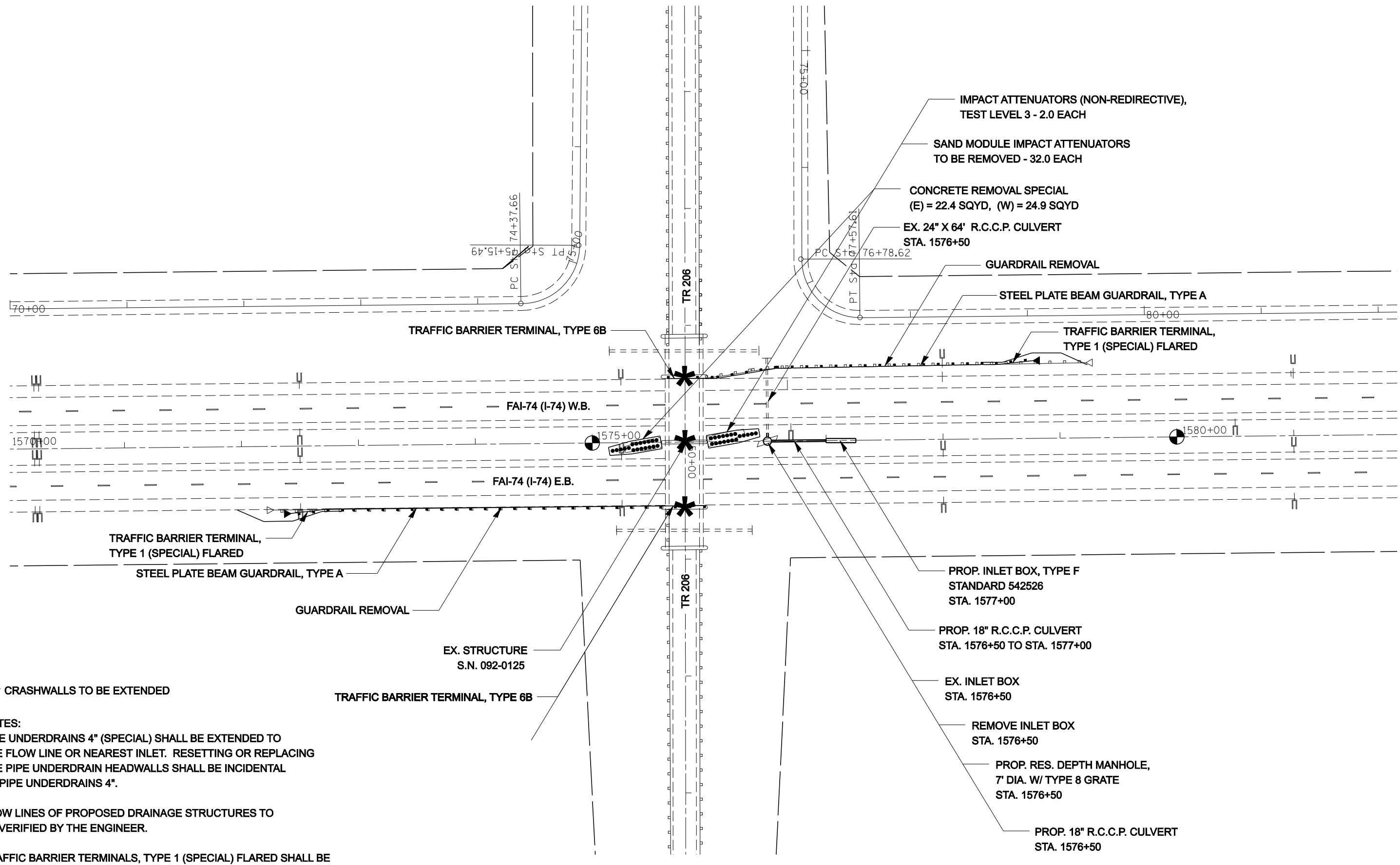
TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.12, R13W, T19N, 2ND PM

11+75.31

FILE NAME =		USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\projects\d501407 (v8)\70643.plansheet.dgn		PLOT SCALE = 80.0000' / IN.	DRAWN -	REVISED -					74	FY08HSIP	**	172	36
PLOT DATE = 12/20/2007		DATE -	CHECKED -	REVISED -		SCALE: 1:40 SHEET NO. OF SHEETS STA. 1501+00 TO STA. 1512+00			CONTRACT NO. 70643				
									FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

** CHAMPAIGN & VERMILION COUNTIES



*** CRASHWALLS TO BE EXTENDED**

NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

FLOW LINES OF PROPOSED DRAINAGE STRUCTURES TO BE VERIFIED BY THE ENGINEER.

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.7, R12W, T19N, 2ND PM

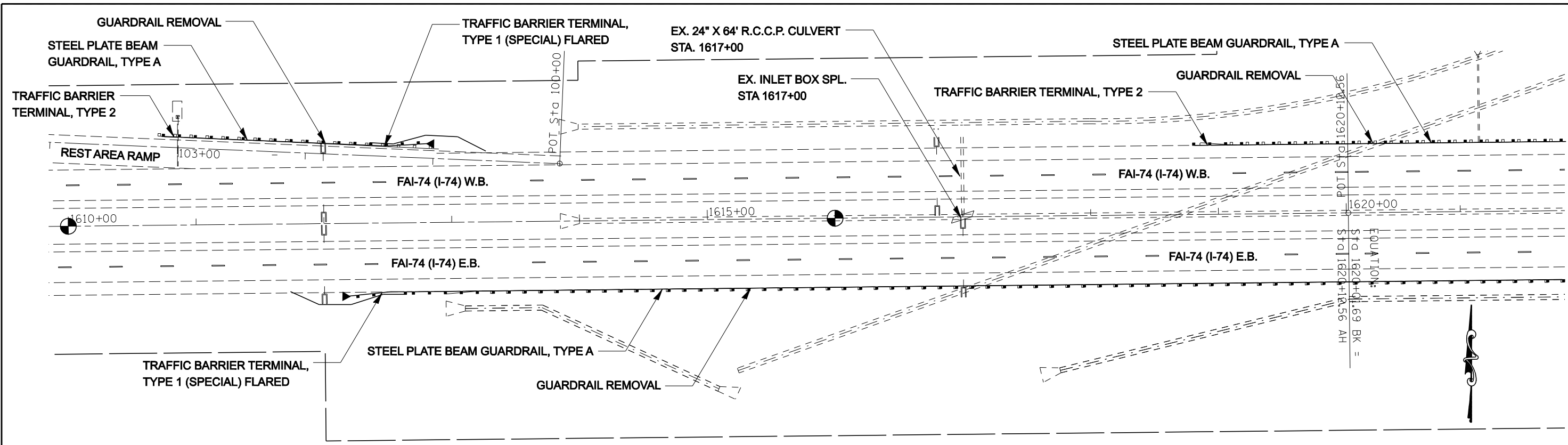
SEC.8, R12W, T19N, 2ND PM

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\0501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

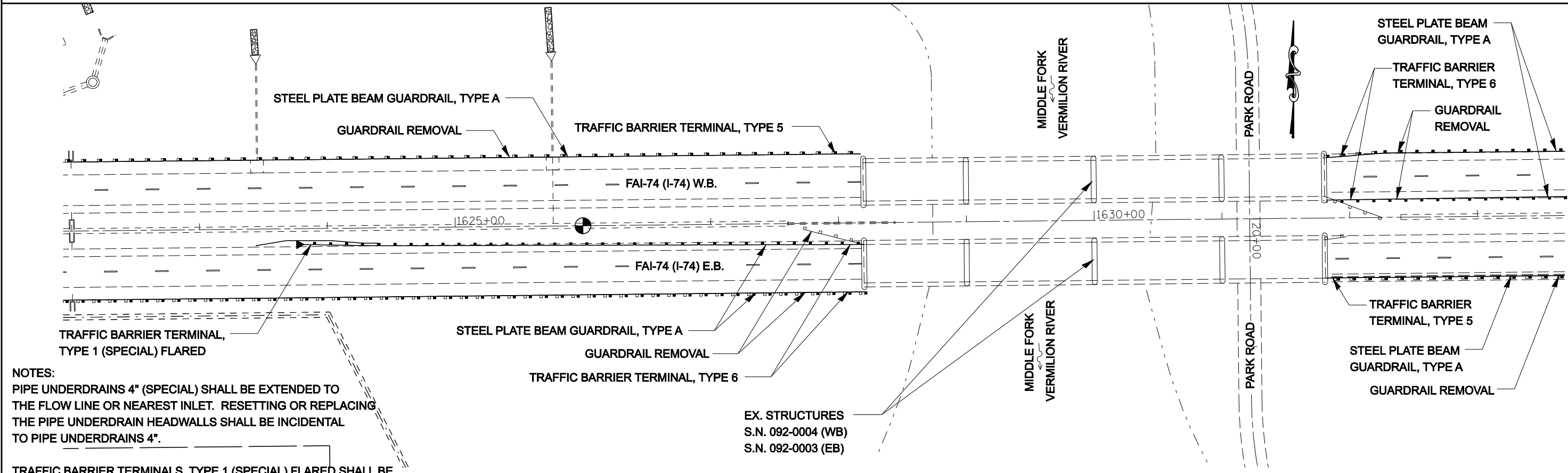
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-74 GUARDRAIL & IMPACT ATTENUATORS			
SCALE: 1:40	SHEET NO.	OF SHEETS	STA. 1570+00 TO STA. 1581+00

** CHAMPAIGN & VERMILION COUNTIES				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	37
CONTRACT NO. 70643				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



SEC.8, R12W, T19N, 2ND PM



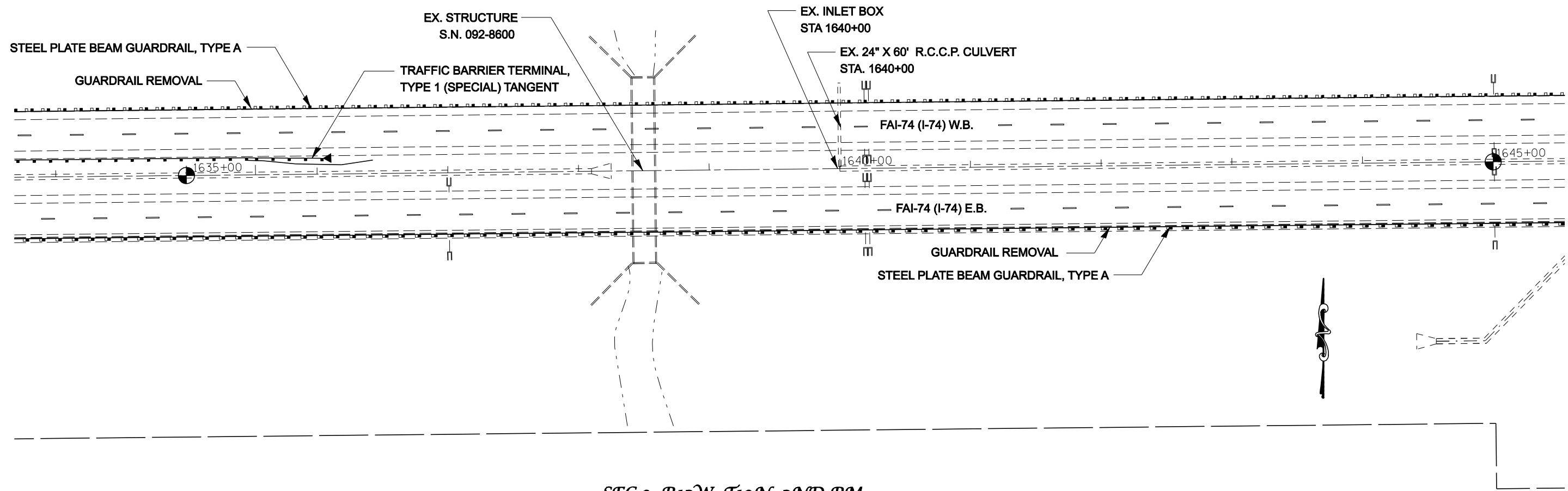
NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

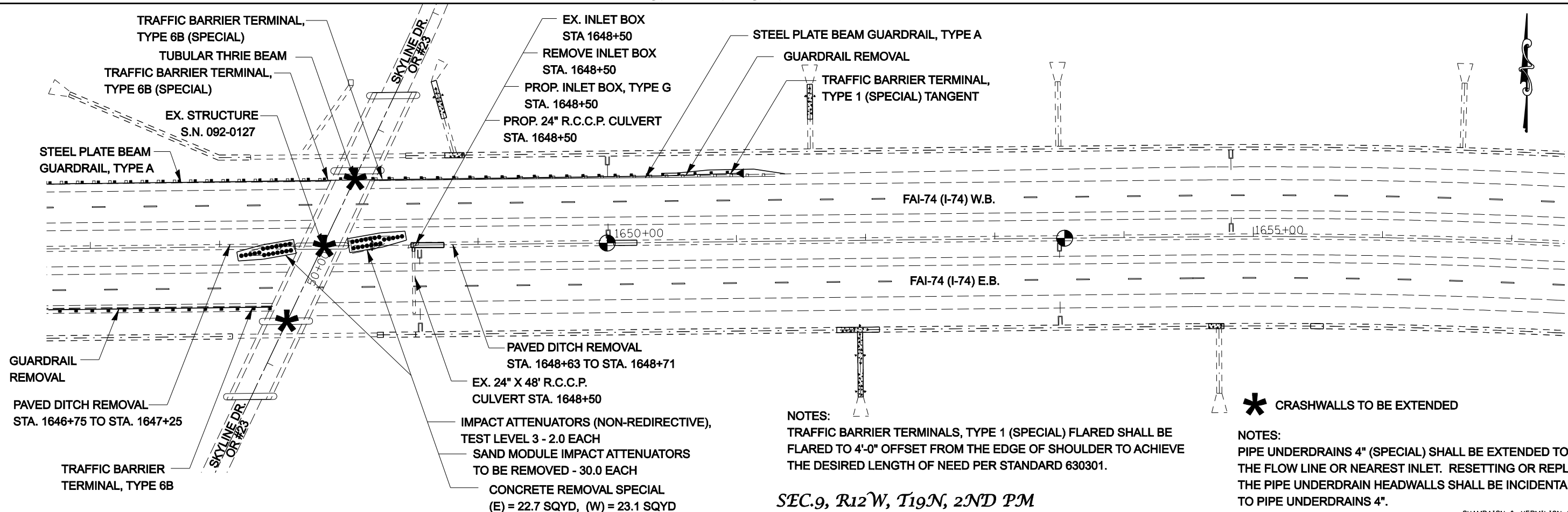
SEC.8, R12W, T19N, 2ND PM

SEC.9, R12W, T19N, 2ND PM

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\projects\0501407 (v8)\70643.plansheets.dgn	DRAWN -	REVISED -	74			FY08HSIP	**	172	38	
PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 70643							
PLOT DATE = 12/20/2007	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							



SEC.9, R12W, T19N, 2ND PM



NOTES:
 TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

* CRASHWALLS TO BE EXTENDED
 NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

SEC.9, R12W, T19N, 2ND PM

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\0501407 (v8)\70643.plansheets\dgn		DRAWN -	REVISED -
	PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/20/2007	DATE -	REVISED -

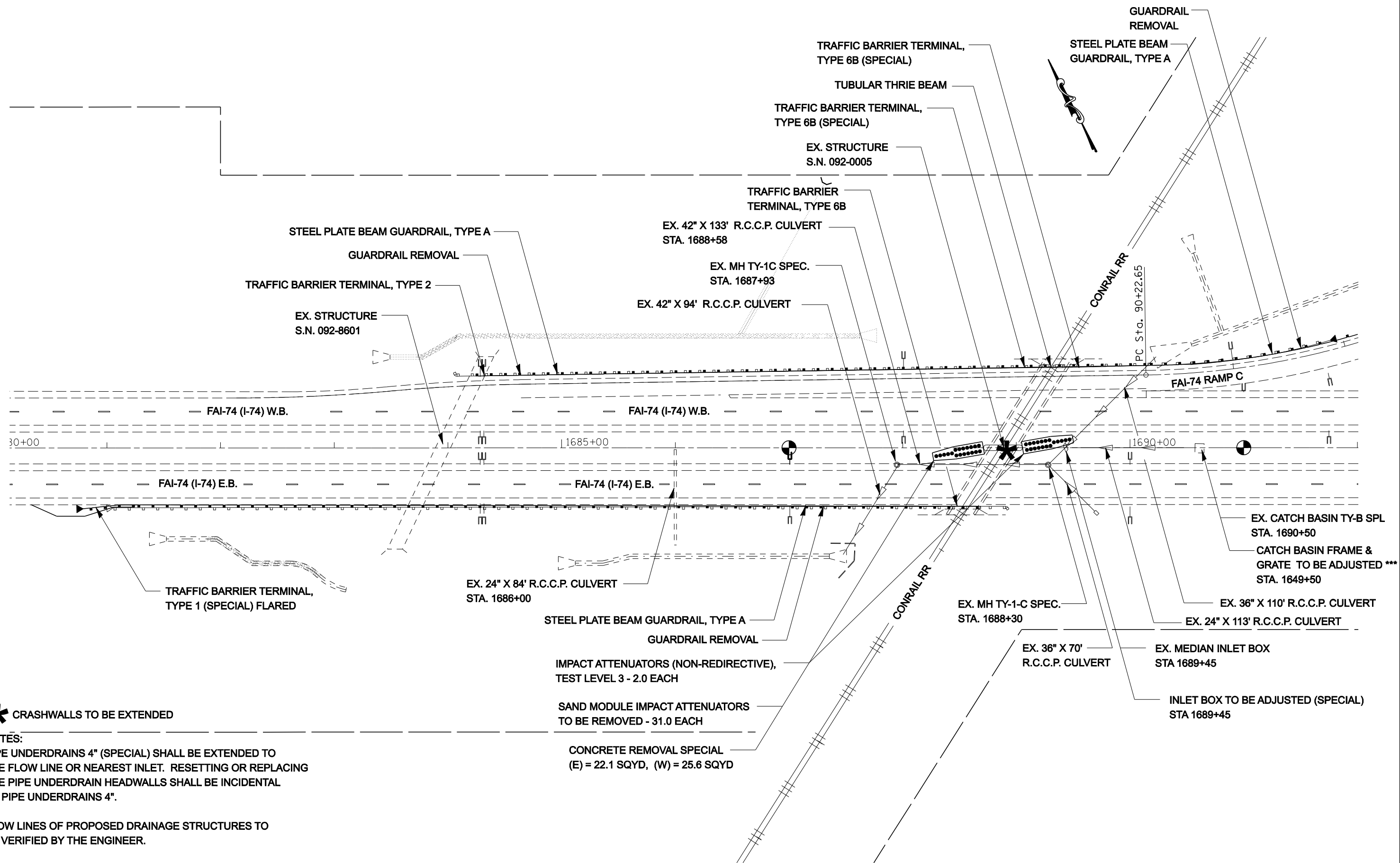
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-74 GUARDRAIL & IMPACT ATTENUATORS

SCALE: 1:40 SHEET NO. OF SHEETS STA. 1634+00 TO STA. 1657+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	39
CONTRACT NO. 70643				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

** CHAMPAIGN & VERMILION COUNTIES



*** CRASHWALLS TO BE EXTENDED**

NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

FLOW LINES OF PROPOSED DRAINAGE STRUCTURES TO BE VERIFIED BY THE ENGINEER.

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.10, R10E, T19N, 2ND PM

***REMOVE TOP 6" OF EX. STR. & REGRADE TO DRAIN

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\0501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

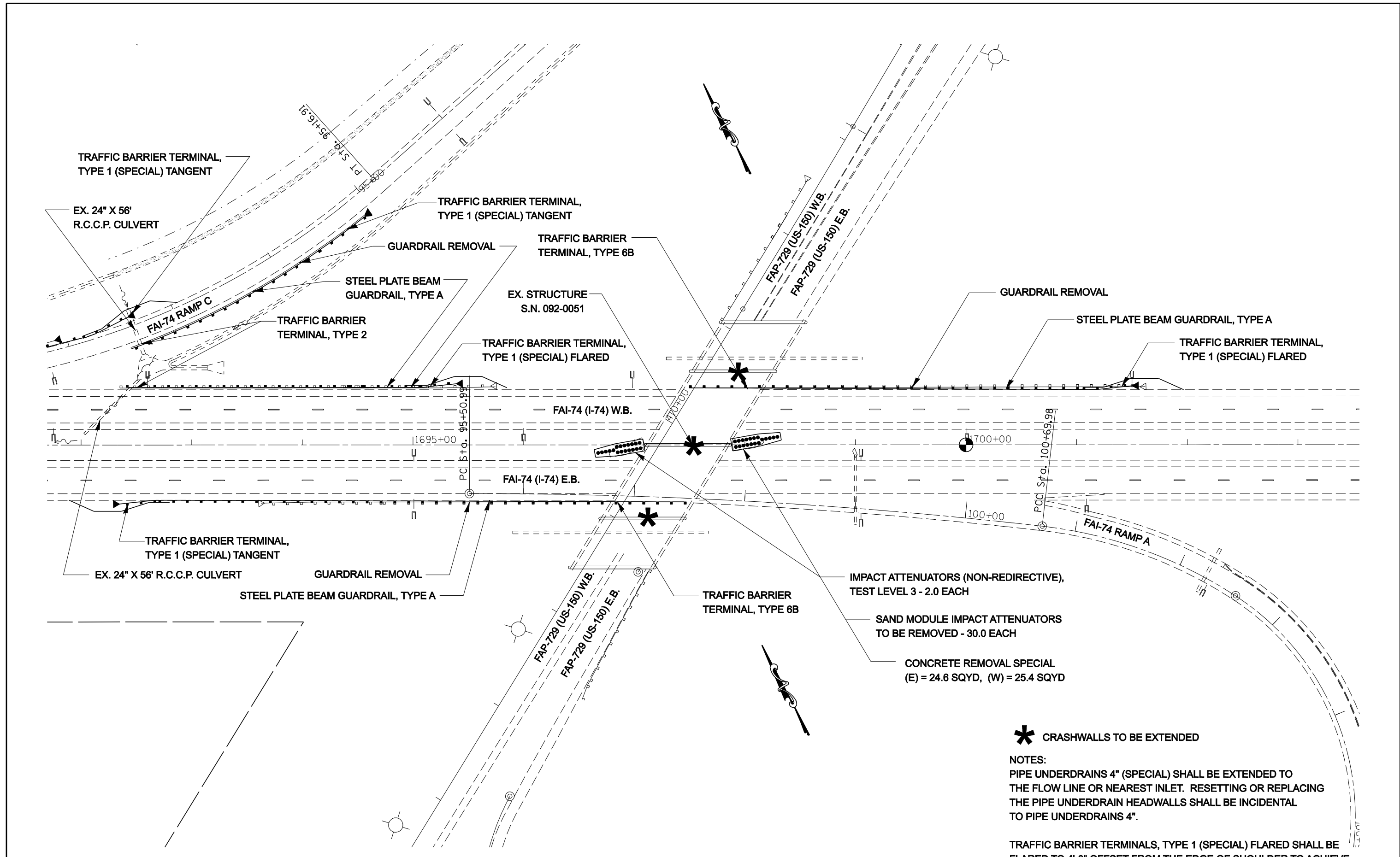
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-74 GUARDRAIL & IMPACT ATTENUATORS

SCALE: 1:40 SHEET NO. OF SHEETS STA. 1681+00 TO STA. 1692+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	40
CONTRACT NO. 70643				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

•• CHAMPAIGN & VERMILION COUNTIES



SEC.10, R12W, T19N, 2ND PM

***** CRASHWALLS TO BE EXTENDED

NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

CHAMPAIGN & VERMILION COUNTIES

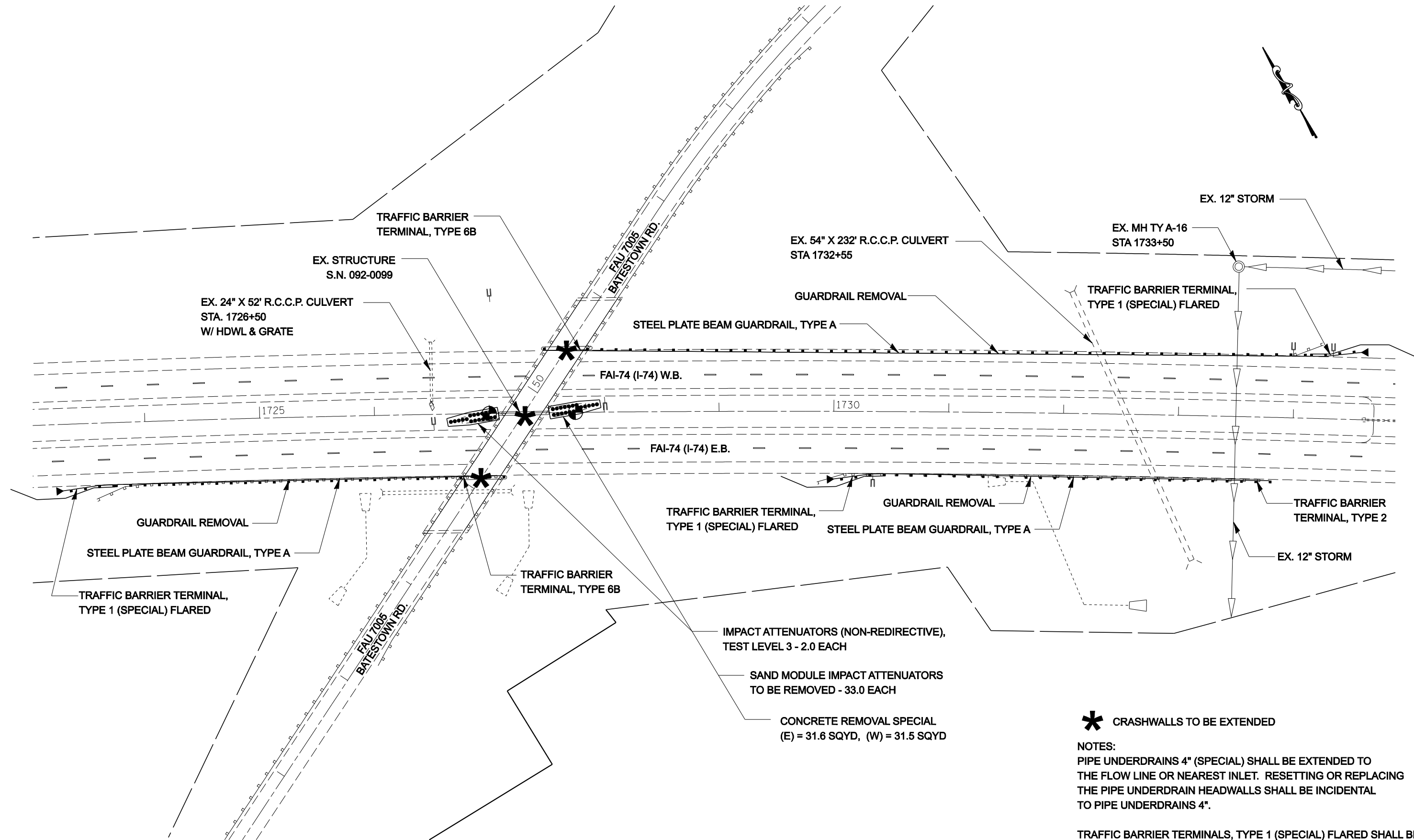
FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\d501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -
PLOT SCALE = 80.0000' / IN.			
PLOT DATE = 12/20/2007			

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-74 GUARDRAIL & IMPACT ATTENUATORS

SCALE: 1:40 SHEET NO. OF SHEETS STA. 1692+00 TO STA. 1703+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	41
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 70643	



SEC.10, R12W, T19N, 2ND PM

*** CRASHWALLS TO BE EXTENDED**

NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct\projects\d501407 (v8)\70643.plnsheets.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

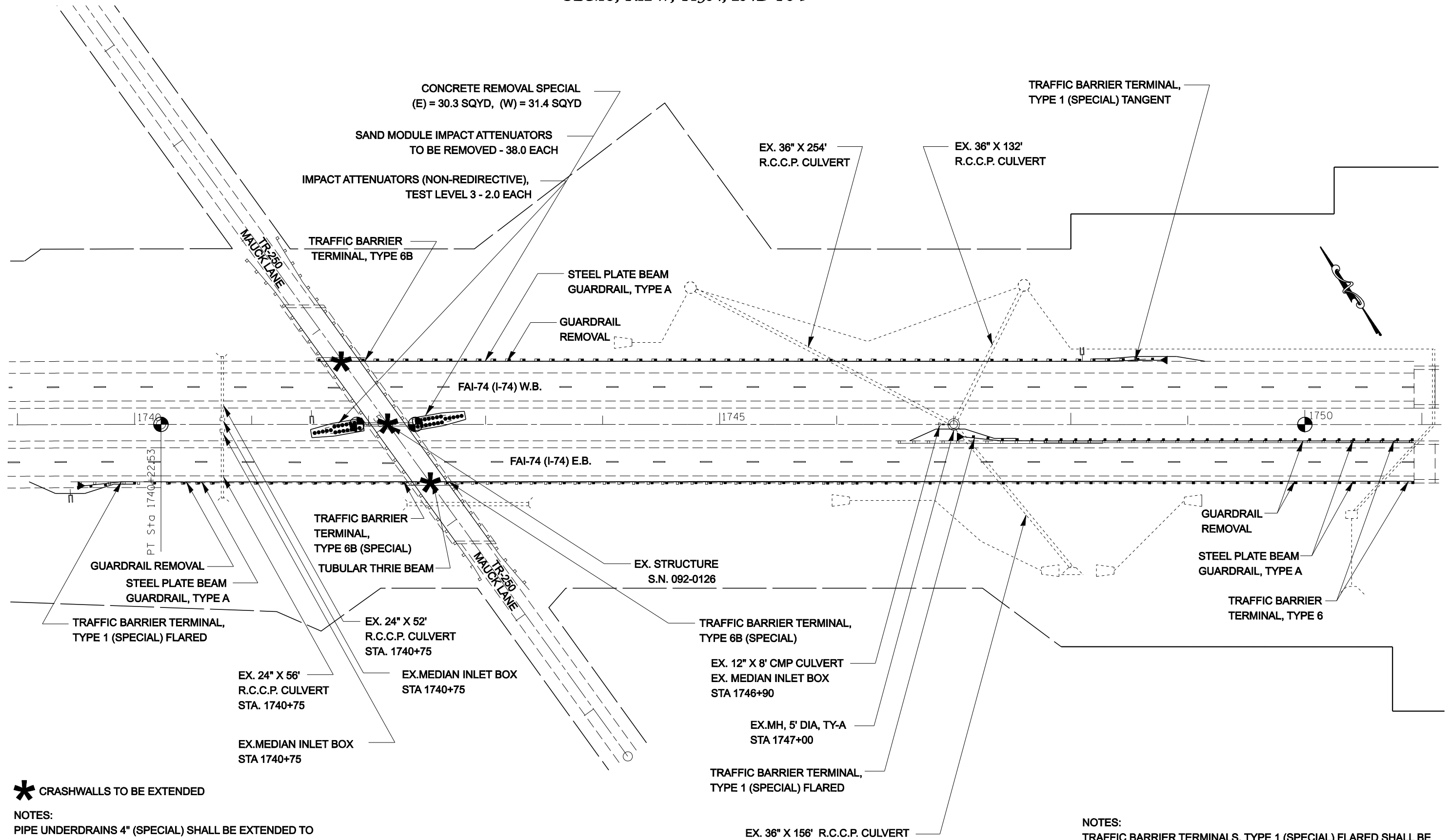
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-74 GUARDRAIL & IMPACT ATTENUATORS

SCALE: 1:40 SHEET NO. OF SHEETS STA. 1724+00 TO STA. 1734+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	43
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 70643	

SEC.10, R12W, T19N, 2ND PM



* CRASHWALLS TO BE EXTENDED

NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

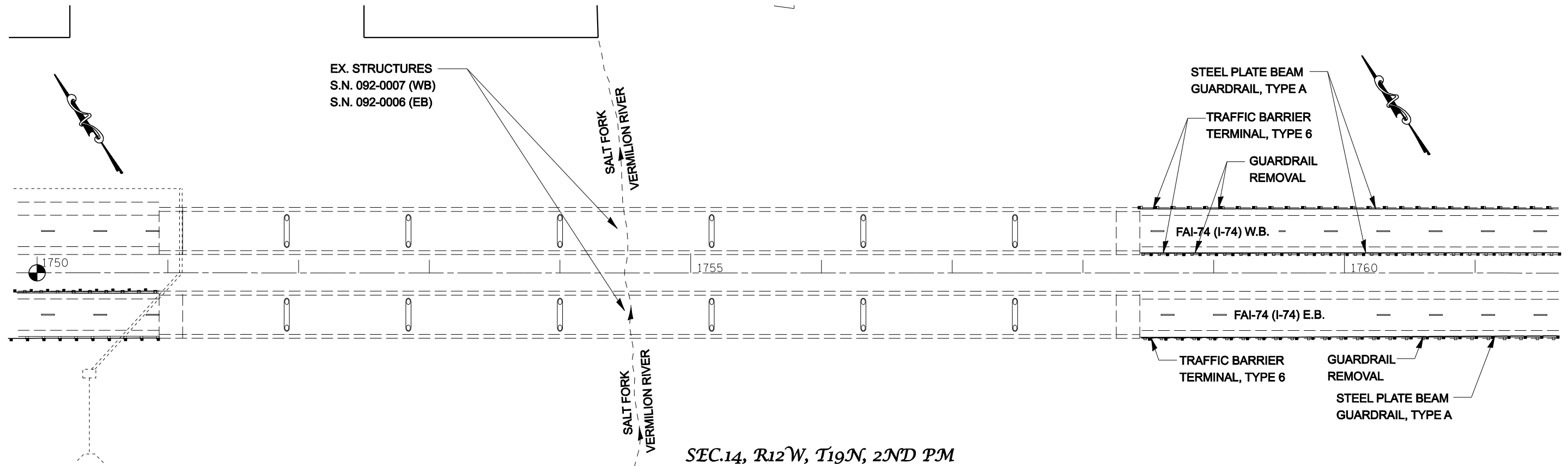
NOTES:
 TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.15, R10E, T19N, 2ND PM

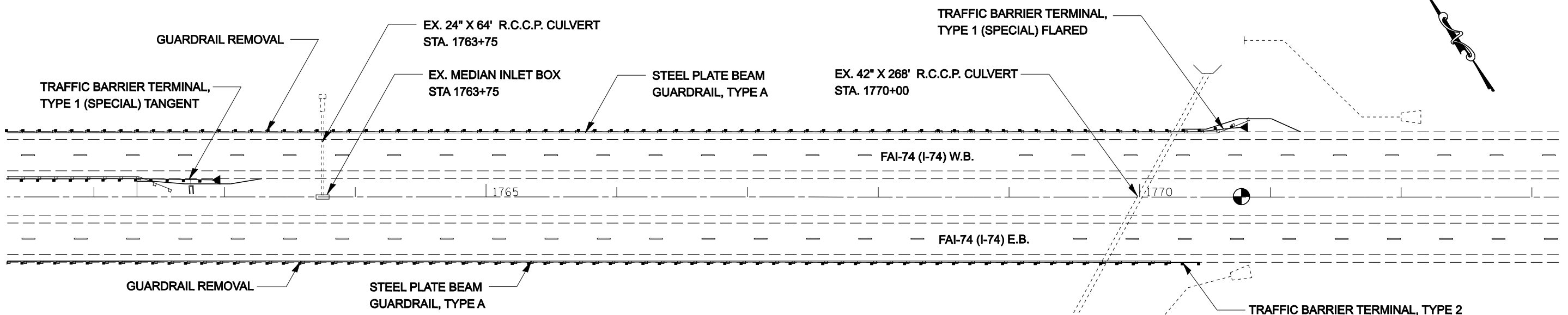
FILE NAME =		USER NAME = collierbw		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		I-74 GUARDRAIL & IMPACT ATTENUATORS				F.A.I. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
c:\projects\d501407 (v8)\70643.plnsheet.dgn		DRAWN -		REVISED -		REVISED -								74		FY08HSIP		**		172		44	
PLOT SCALE = 80.0000' / IN.		CHECKED -		REVISED -		REVISED -				SCALE: 1:40		SHEET NO. OF SHEETS		STA. 1739+00 TO STA. 1751+00				CONTRACT NO. 70643					
PLOT DATE = 12/20/2007		DATE -		REVISED -		REVISED -				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT													

** CHAMPAIGN & VERMILION COUNTIES

SEC.11, R12W, T19N, 2ND PM



SEC.14, R12W, T19N, 2ND PM



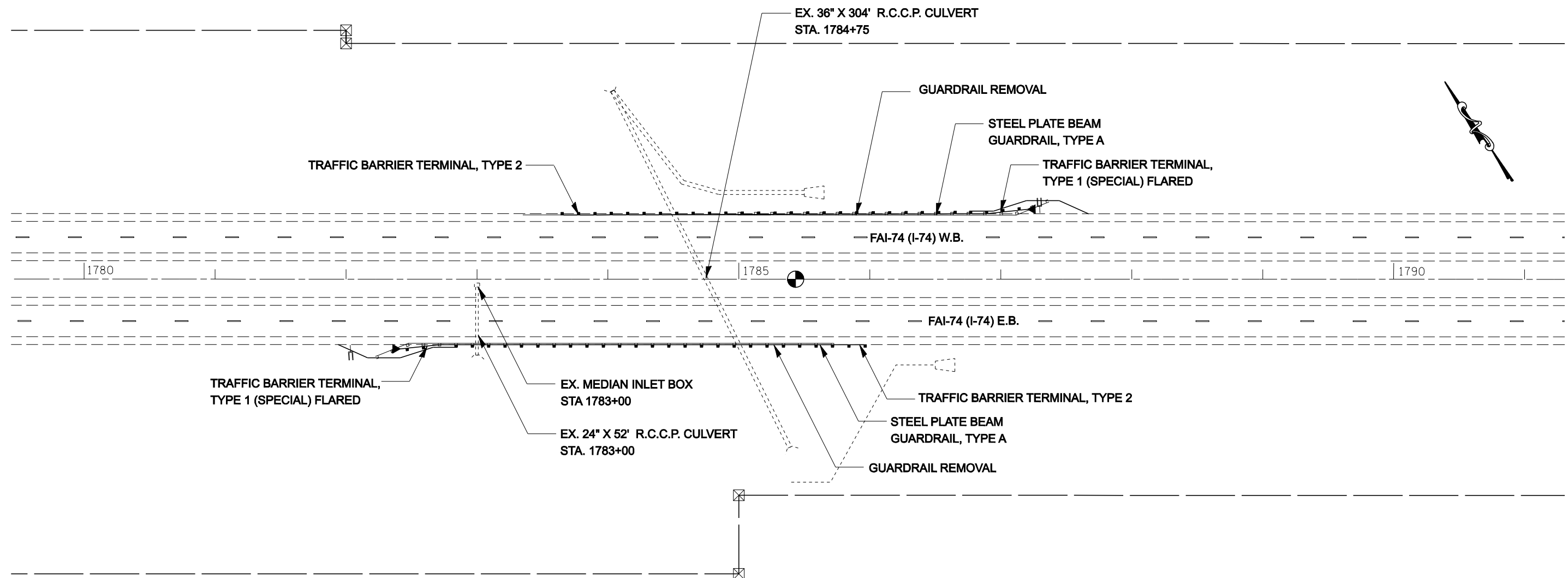
NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

NOTES:
 TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.14, R12W, T19N, 2ND PM

FILE NAME =		USER NAME = collierbw		DESIGNED -		REVISED -		STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION		I-74 GUARDRAIL & IMPACT ATTENUATORS		F.A.I. RTE.		SECTION		COUNTY		TOTAL SHEETS		SHEET NO.	
c:\projects\d501407 (v8)\70643.plansheet.dgn		DRAWN -		REVISED -		74						FY08HSIP		**		172		45			
PLOT SCALE = 80.0000' / IN.		CHECKED -		REVISED -		SCALE: 1:40						SHEET NO.		OF SHEETS		STA. 1750+00 TO STA. 1773+00		CONTRACT NO. 70643			
PLOT DATE = 12/20/2007		DATE -		REVISED -		FED. ROAD DIST. NO.						ILLINOIS		FED. AID PROJECT							

** CHAMPAIGN & VERMILION COUNTIES



NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.14, R12W, T19N, 2ND PM

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct\projects\d501407 (v8)\70643.plansheet.dgn		DRAWN -	REVISED -
	PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/20/2007	DATE -	REVISED -

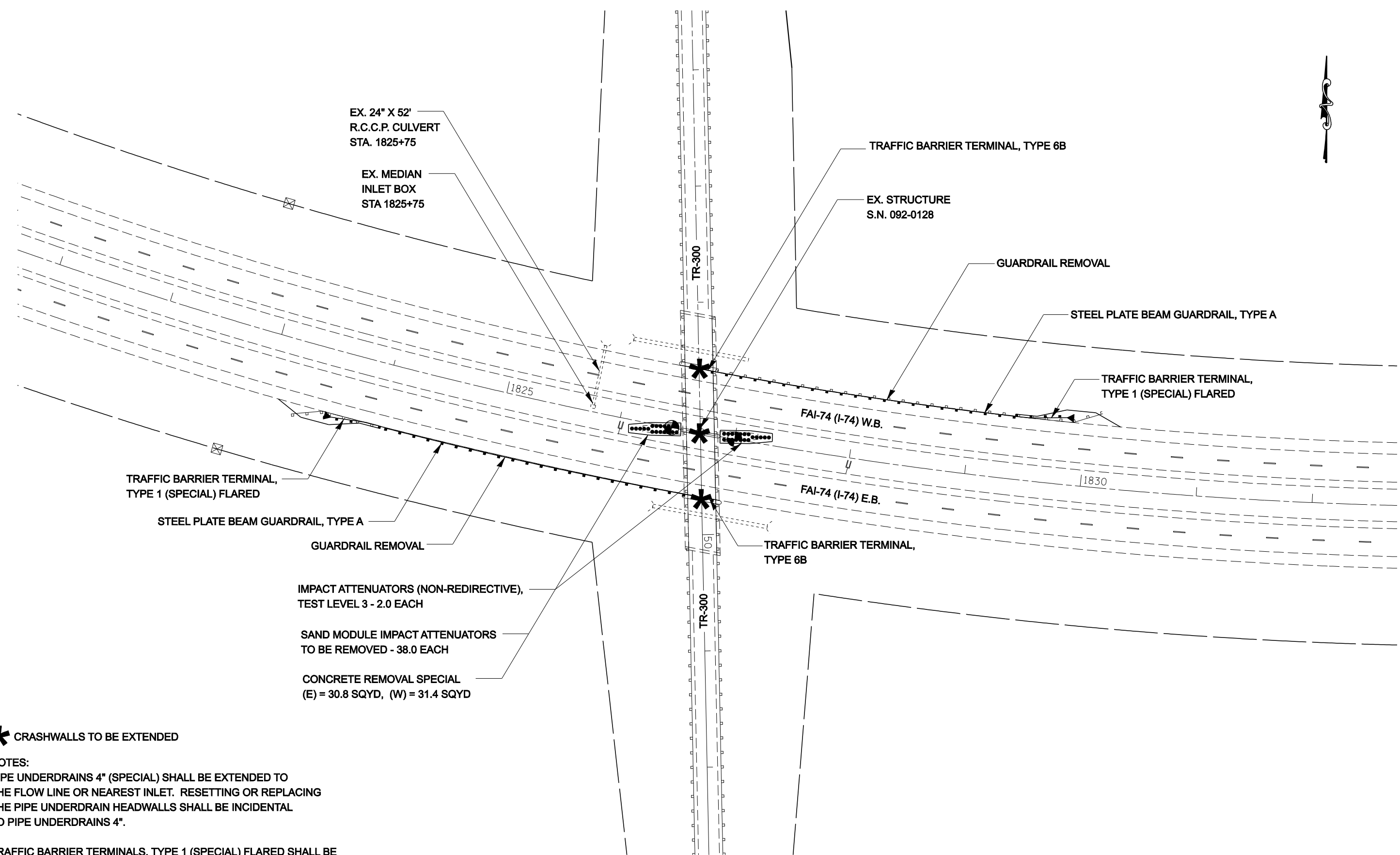
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-74 GUARDRAIL & IMPACT ATTENUATORS

SCALE: 1:40 SHEET NO. OF SHEETS STA. 1780+00 TO STA. 1791+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	46
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 70643				

** CHAMPAIGN & VERMILION COUNTIES



TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED

STEEL PLATE BEAM GUARDRAIL, TYPE A

GUARDRAIL REMOVAL

IMPACT ATTENUATORS (NON-REDIRECTIVE), TEST LEVEL 3 - 2.0 EACH

SAND MODULE IMPACT ATTENUATORS TO BE REMOVED - 38.0 EACH

CONCRETE REMOVAL SPECIAL (E) = 30.8 SQYD, (W) = 31.4 SQYD

***** CRASHWALLS TO BE EXTENDED

NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.13, R12W, T19N, 2ND PM

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\d501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -
	PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/20/2007	DATE -	REVISED -

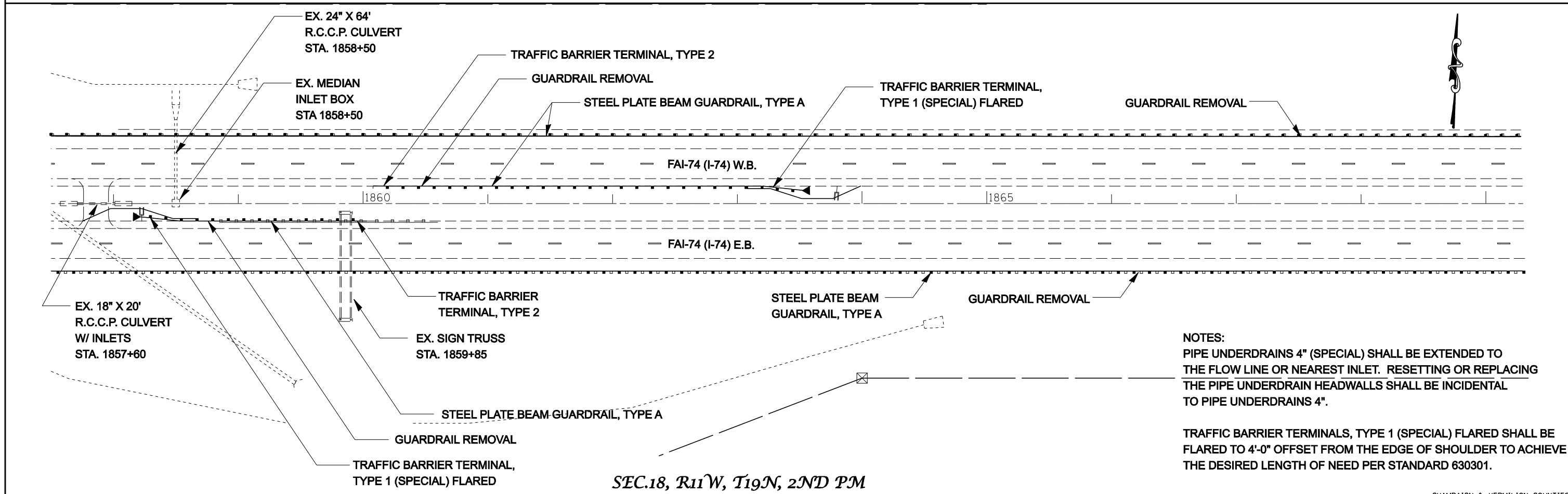
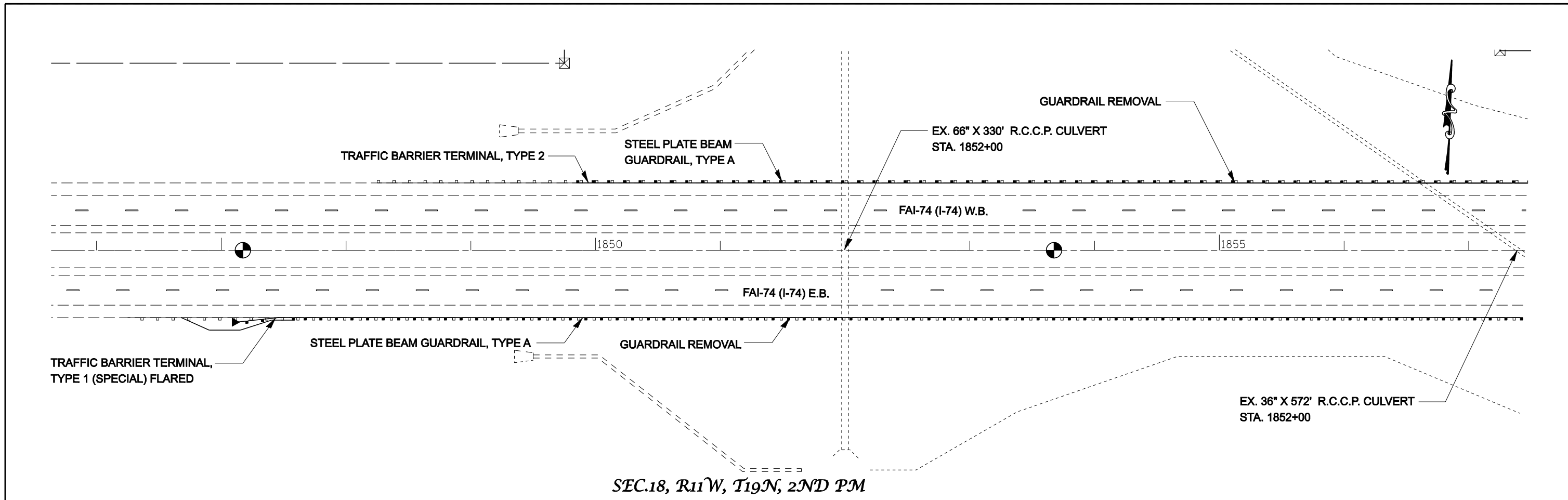
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-74 GUARDRAIL & IMPACT ATTENUATORS

SCALE: 1:40 SHEET NO. OF SHEETS STA. 1820+00 TO STA. 1832+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	47
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 70643				

** CHAMPAIGN & VERMILION COUNTIES



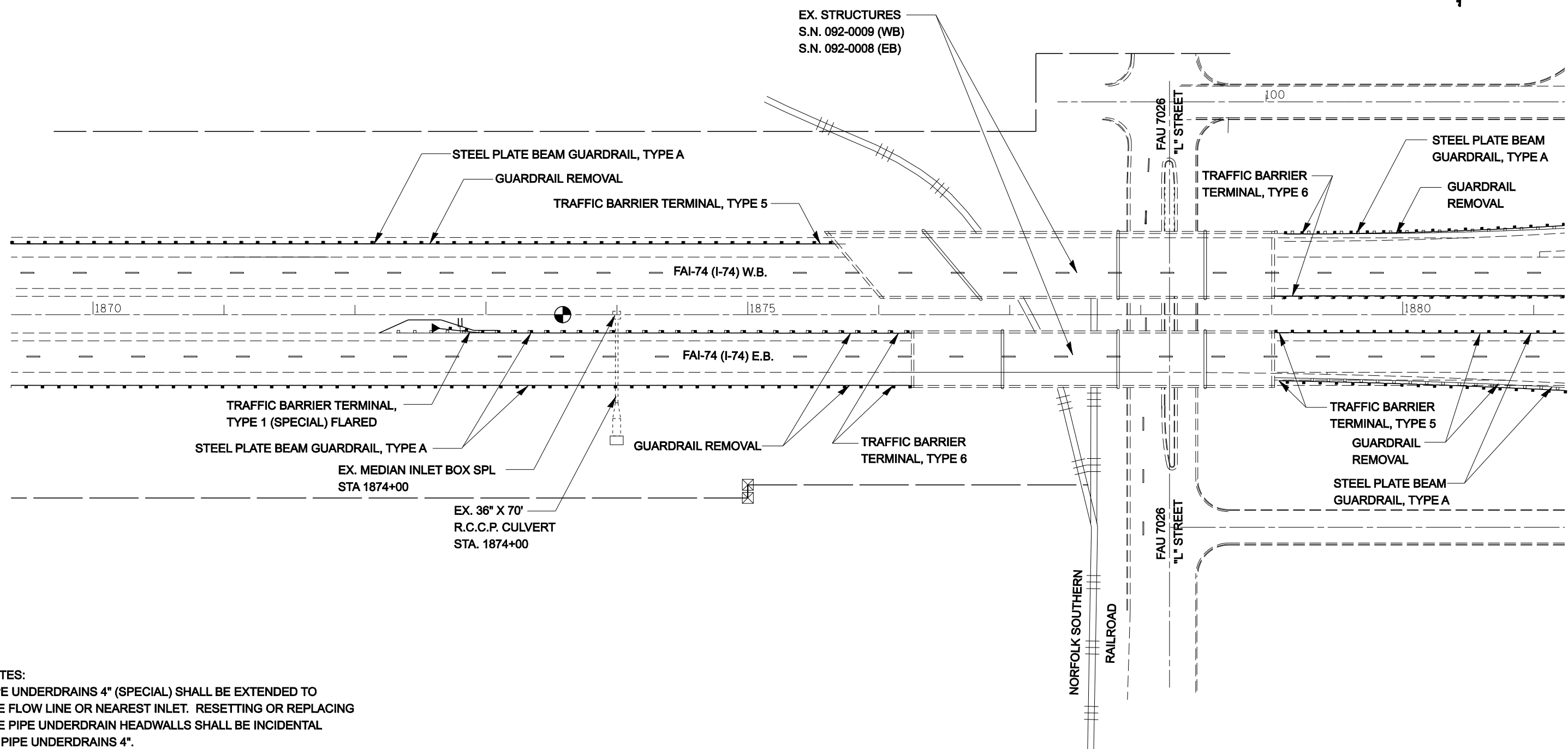
NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\projects\d501407 (v8)\70643.plansheets.dgn	PLOT SCALE = 80.0000' / IN.	DRAWN -	REVISED -			74	FY08HSIP	**	172	48	
PLOT DATE = 12/20/2007	DATE -	CHECKED -	REVISED -			CONTRACT NO. 70643					
		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					

•• CHAMPAIGN & VERMILION COUNTIES

SCALE: 1:40 SHEET NO. OF SHEETS STA. 1846+00 TO STA. 1869+00



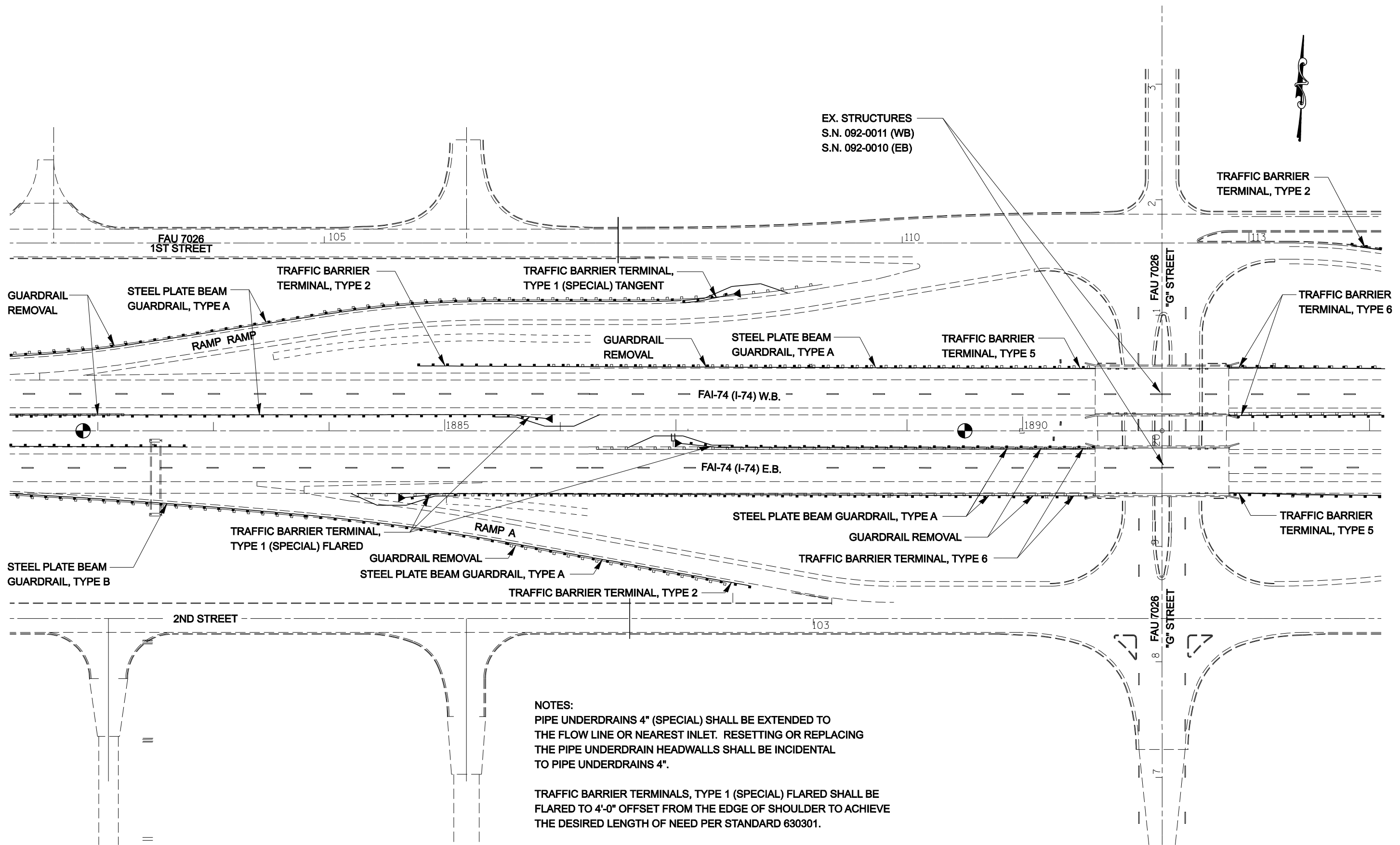
NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.18, R11W, T19N, 2ND PM

FILE NAME =		USER NAME = collierbw		DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS		** CHAMPAIGN & VERMILION COUNTIES		
ct:\projects\d501407 (v8)\70643.plansheet.dgn		DRAWN -	REVISED -	F.A.I. RTE.	SECTION				COUNTY	TOTAL SHEETS	SHEET NO.
PLOT SCALE = 80.0000' / IN.		CHECKED -	REVISED -	74	FY08HSIP				**	172	49
PLOT DATE = 12/20/2007		DATE -	REVISED -	CONTRACT NO. 70643					FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

SCALE: 1:40 SHEET NO. OF SHEETS STA. 1870+00 TO STA. 1881+00



EX. STRUCTURES
S.N. 092-0011 (WB)
S.N. 092-0010 (EB)

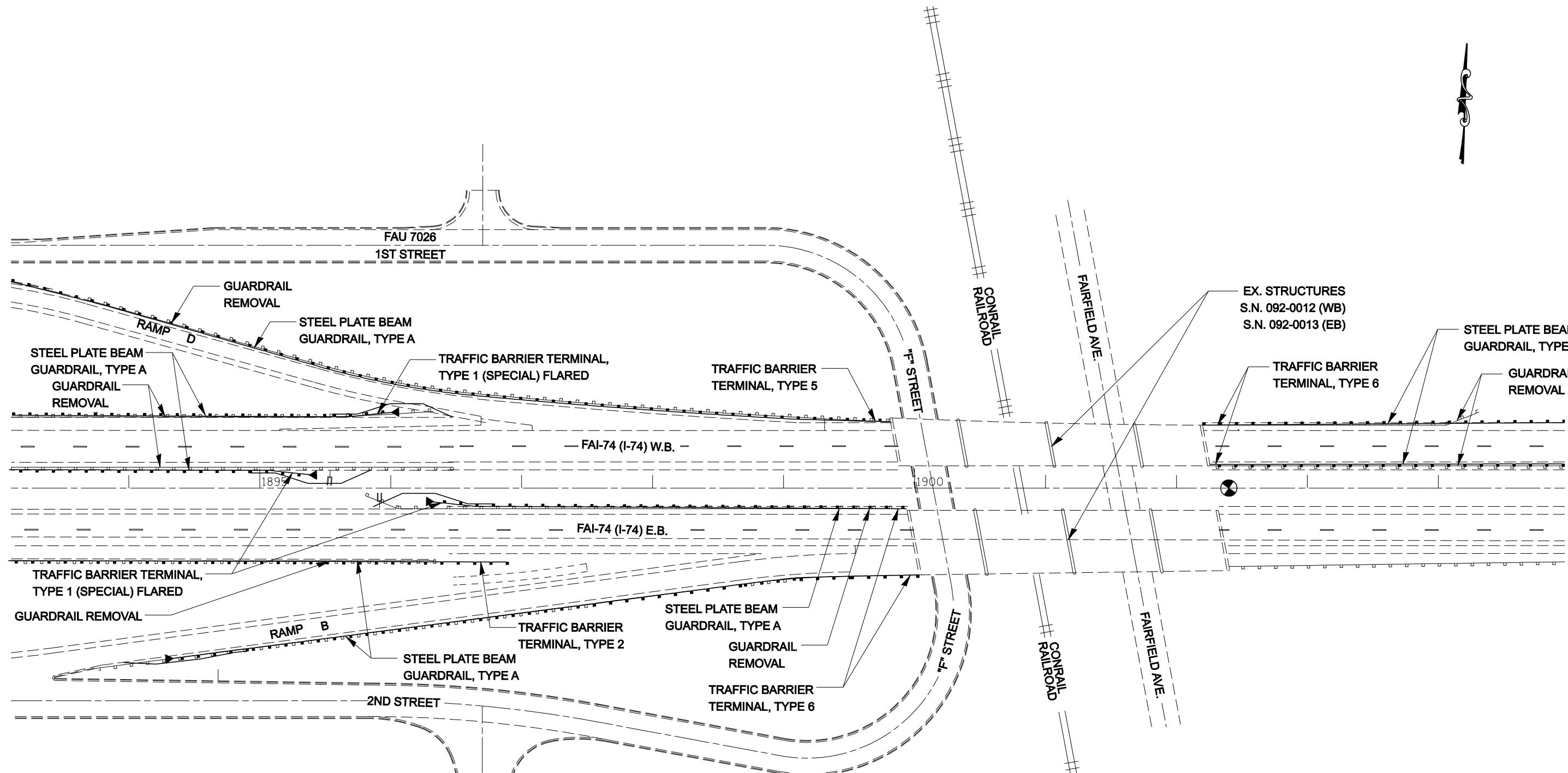
NOTES:
PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.18, R11W, T19N, 2ND PM

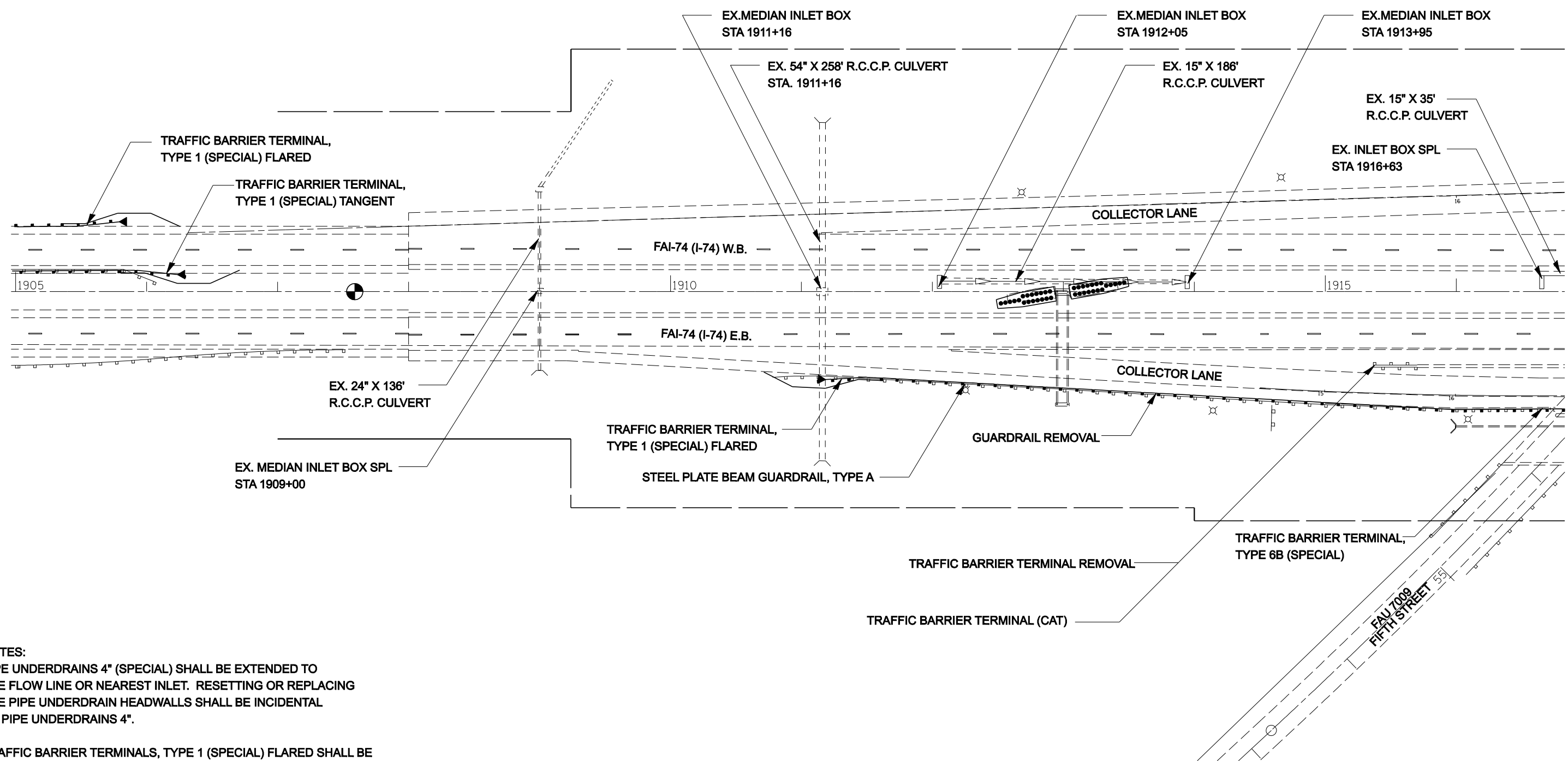
FILE NAME = c:\projects\d501407 (v8)\70643.plansheet.dgn	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS	F.A.I. RTE.		SECTION		COUNTY		TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -			74	FY08HSIP	**	172	50			
PLOT DATE = 12/20/2007	DATE -	REVISED -	REVISED -	SCALE: 1:40	SHEET NO. OF SHEETS	STA. 1882+00 TO STA. 1893+00	FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 70643		

** CHAMPAIGN & VERMILION COUNTIES



SEC.18, R11W, T19N, 2ND PM

FILE NAME =		USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS		** CHAMPAIGN & VERMILION COUNTIES			
ct:\projects\d501407 (v8)\70643.plansheets.dgn		DRAWN -	REVISED -	F.A.I. RTE. 74				SECTION FY08HSIP	COUNTY **	TOTAL SHEETS 172	SHEET NO. 51
PLOT SCALE = 80.0000' / IN.		CHECKED -	REVISED -	CONTRACT NO. 70643							
PLOT DATE = 12/20/2007		DATE -	REVISED -	SCALE: 1:40				SHEET NO. OF SHEETS	STA. 1894+00 TO STA. 1904+00	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	



NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

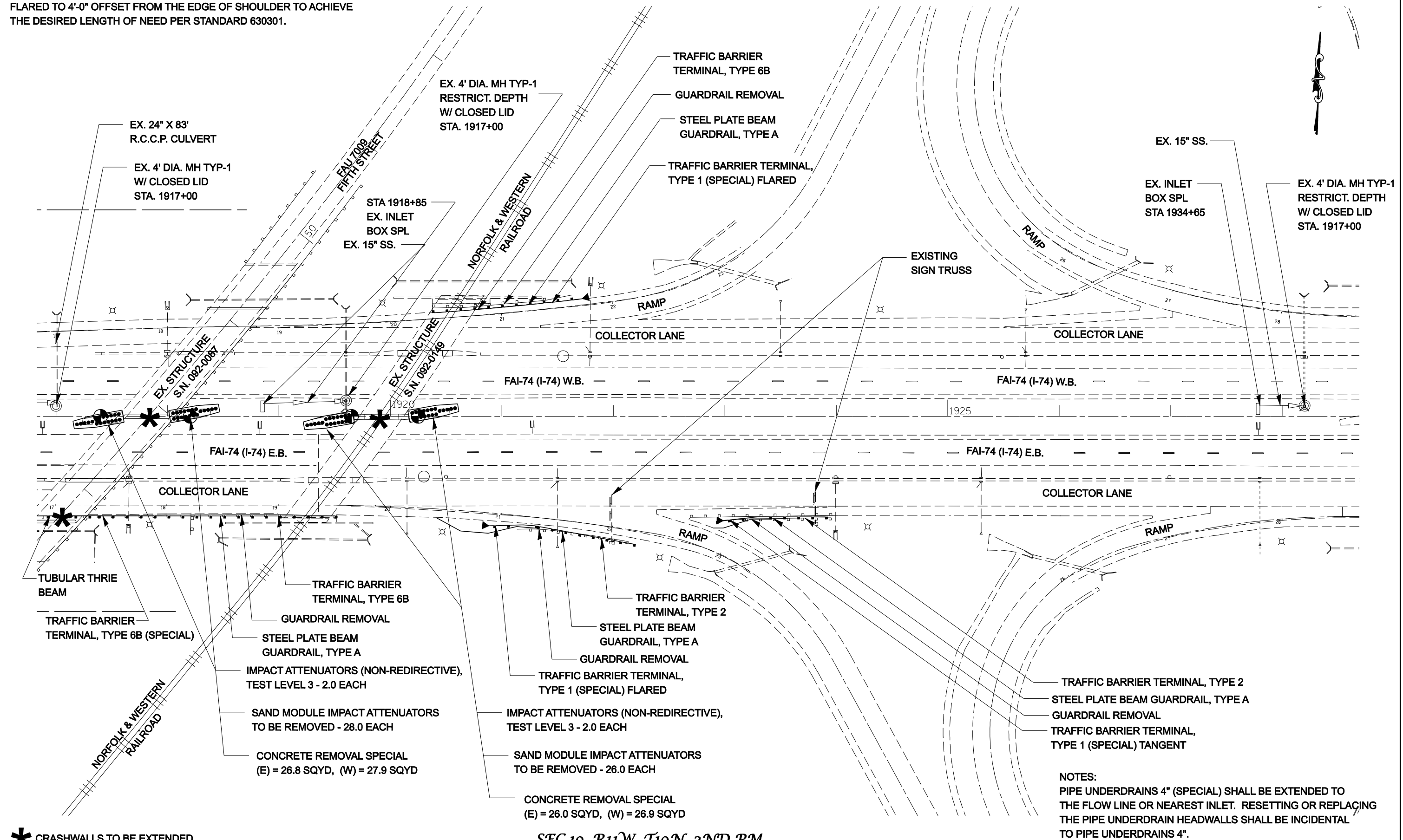
TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.18, R11W, T19N, 2ND PM

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\projects\0501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -			74	FY08HSIP	**	172	52	
	PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 70643					
	PLOT DATE = 12/20/2007	DATE -	REVISED -			SCALE: 1:40	SHEET NO.	OF	SHEETS	STA. 1905+00 TO STA. 1916+00	FED. ROAD DIST. NO.

•• CHAMPAIGN & VERMILION COUNTIES

NOTES:
 TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE
 FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE
 THE DESIRED LENGTH OF NEED PER STANDARD 630301.

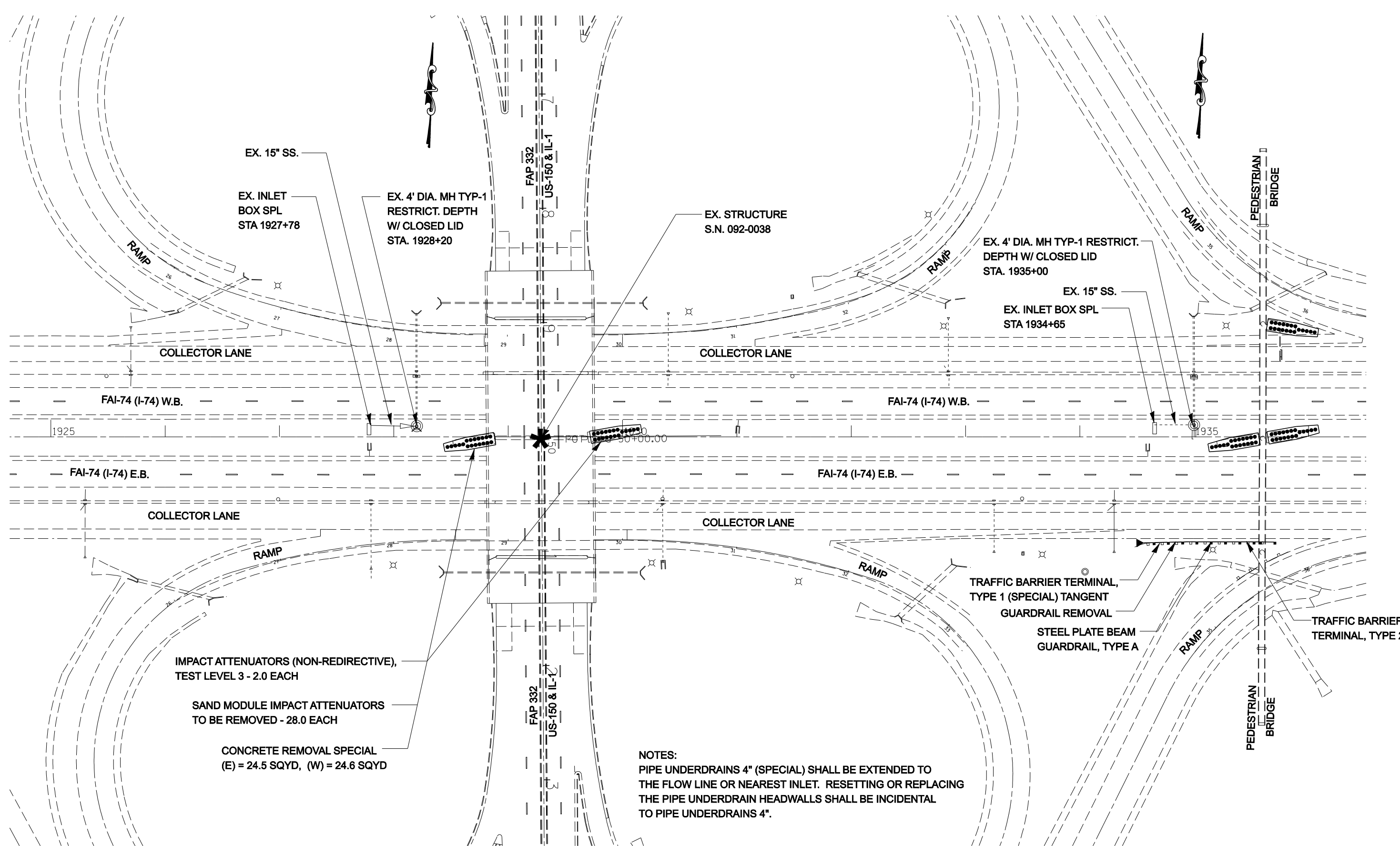


* CRASHWALLS TO BE EXTENDED

SEC.19, R11W, T19N, 2ND PM

NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO
 THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING
 THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL
 TO PIPE UNDERDRAINS 4".

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS	F.A.I	SECTION	COUNTY	TOTAL	SHEET
ct:\projects\4501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -			74	FY08HSIP	**	172	53
PLOT SCALE = 80.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 70643				
PLOT DATE = 12/20/2007		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



IMPACT ATTENUATORS (NON-REDIRECTIVE),
TEST LEVEL 3 - 2.0 EACH

SAND MODULE IMPACT ATTENUATORS
TO BE REMOVED - 28.0 EACH

CONCRETE REMOVAL SPECIAL
(E) = 24.5 SQYD, (W) = 24.6 SQYD

NOTES:
PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

*** CRASHWALLS TO BE EXTENDED**

SEC.17, R11W, T19N, 2ND PM

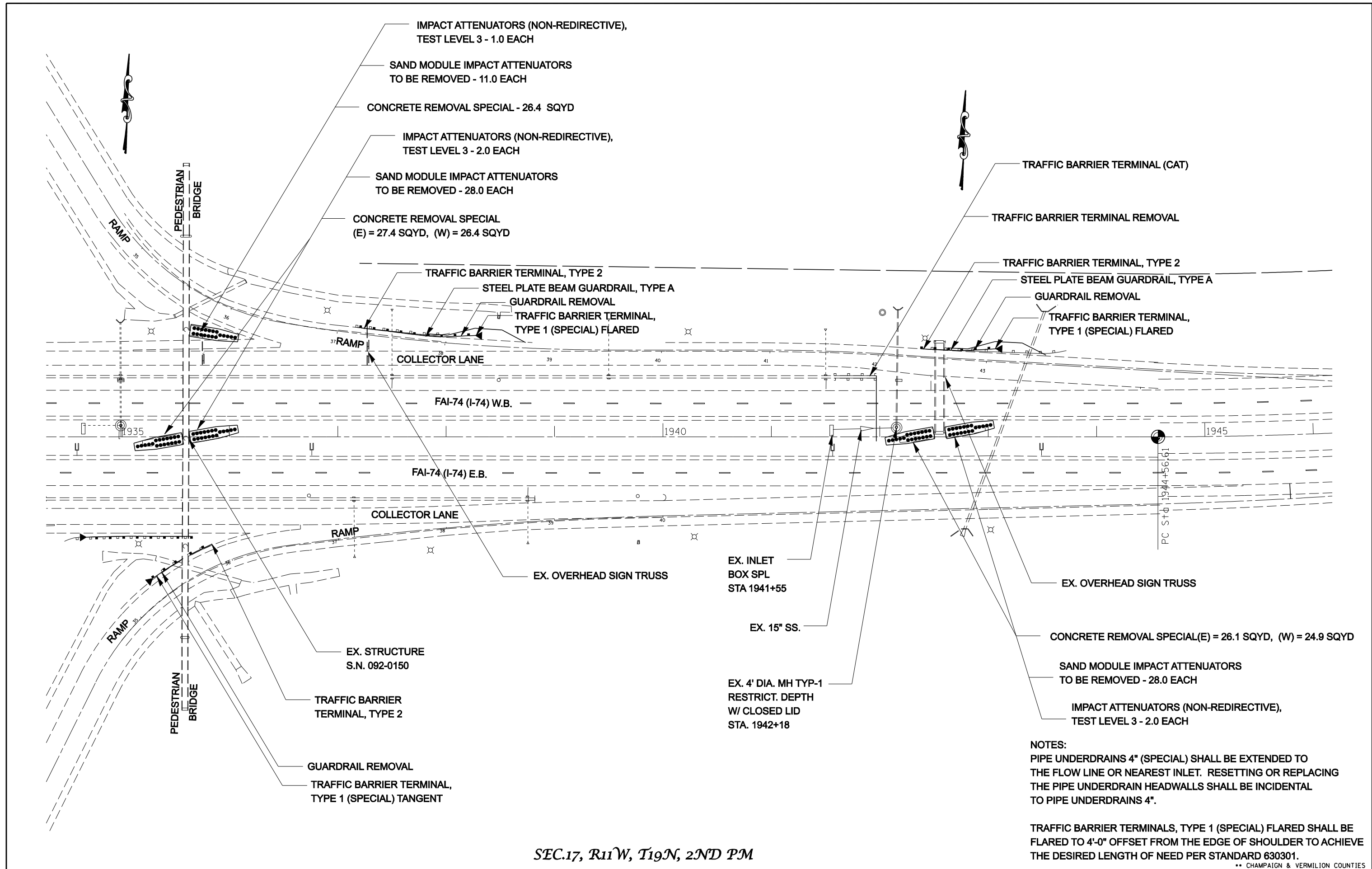
FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\d501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -
PLOT SCALE = 80.0000' / IN.		CHECKED -	REVISED -
PLOT DATE = 12/20/2007		DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-74 GUARDRAIL & IMPACT ATTENUATORS

SCALE: 1:40 SHEET NO. OF SHEETS STA. 1925+00 TO STA. 1936+00

** CHAMPAIGN & VERMILION COUNTIES			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	FY08HSP	**	172
			SHEET NO. 54
CONTRACT NO. 70643			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



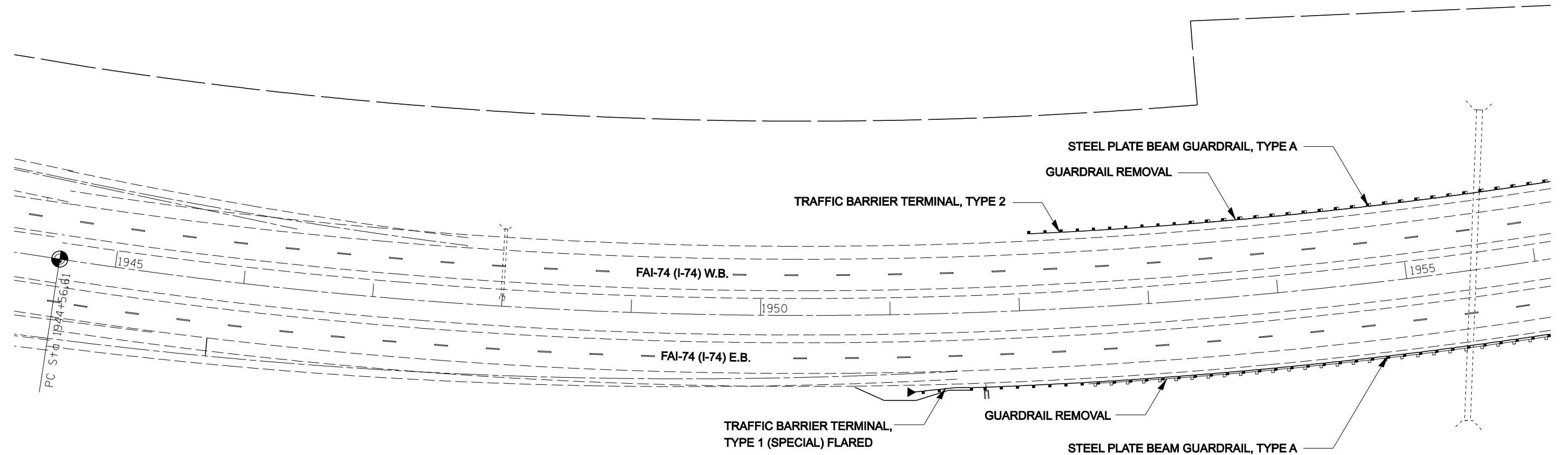
NOTES:
 PIPE UNDERDRAINS 4" (SPECIAL) SHALL BE EXTENDED TO THE FLOW LINE OR NEAREST INLET. RESETTING OR REPLACING THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.17, R11W, T19N, 2ND PM

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cr:\projects\d501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -			74	FY08HSIP	**	172	55	
PLOT SCALE = 80.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 70643					
PLOT DATE = 12/20/2007		DATE -	REVISED -			SCALE: 1:40	SHEET NO.	OF	SHEETS	STA. 1935+00 TO STA. 1946+00	FED. ROAD DIST. NO.

** CHAMPAIGN & VERMILION COUNTIES



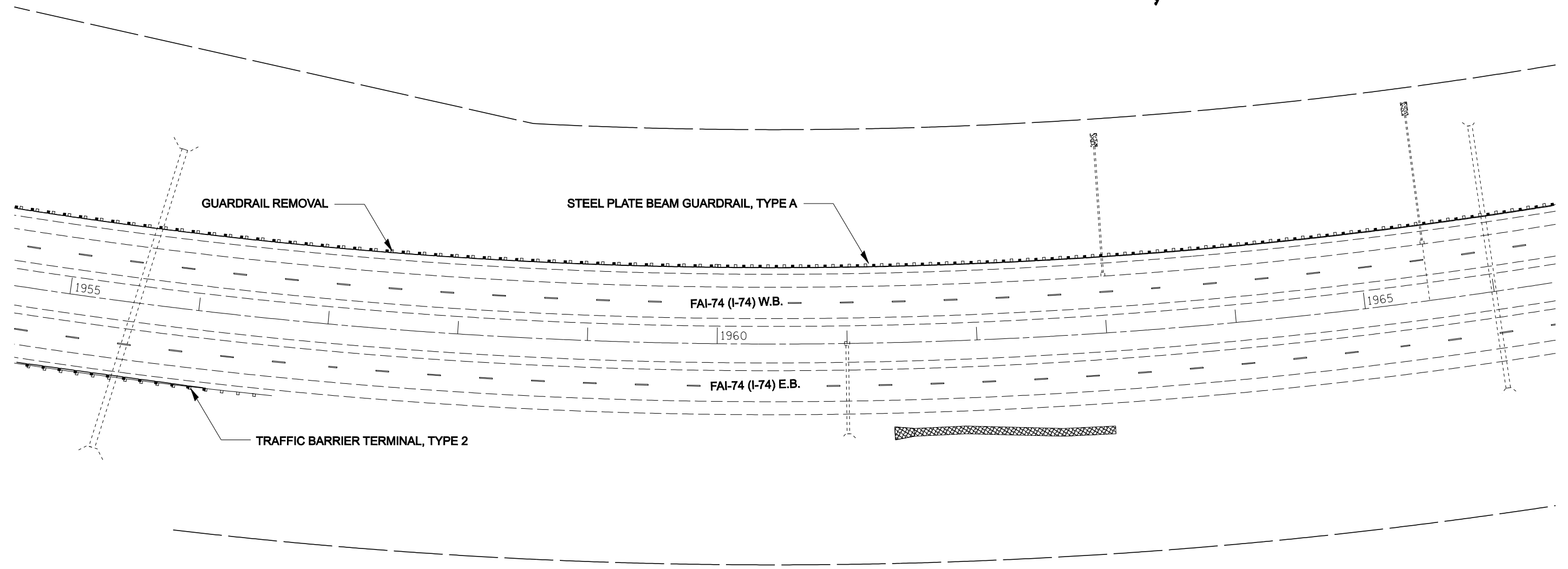
NOTES:
 PIPE UNDERDRAINS 4" SHALL BE EXTENDED TO FLOW LINE OR NEAREST INLET. THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.17, R11W, T19N, 2ND PM

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\projects\0501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -			74	FY08HSIP	**	172	56
	PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -			CONTRACT NO. 70643				
	PLOT DATE = 12/20/2007	DATE -	REVISED -			SCALE: 1:40	SHEET NO. OF SHEETS	STA. 1945+00 TO STA. 1956+00	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

** CHAMPAIGN & VERMILION COUNTIES



NOTES:
 PIPE UNDERDRAINS 4" SHALL BE EXTENDED TO FLOW LINE OR NEAREST INLET. THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.17, R11W, T19N, 2ND PM

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\d501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -
	PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/20/2007	DATE -	REVISED -

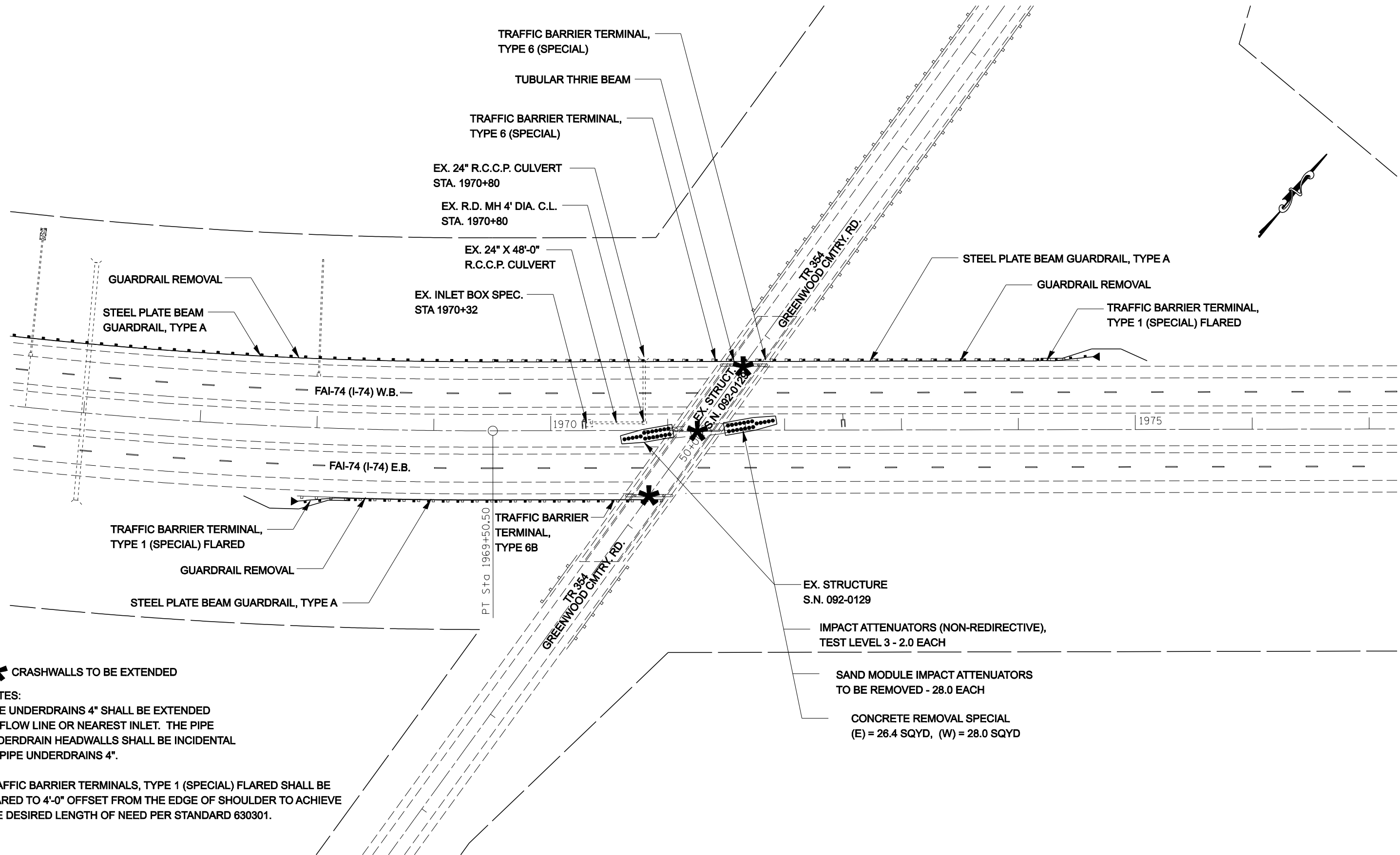
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

I-74 GUARDRAIL & IMPACT ATTENUATORS

SCALE: 1:40 SHEET NO. OF SHEETS STA. 1955+00 TO STA. 1966+00

F.A.I. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		FY08HSIP	**	172	57
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 70643	

** CHAMPAIGN & VERMILION COUNTIES



*** CRASHWALLS TO BE EXTENDED**

NOTES:
 PIPE UNDERDRAINS 4" SHALL BE EXTENDED TO FLOW LINE OR NEAREST INLET. THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

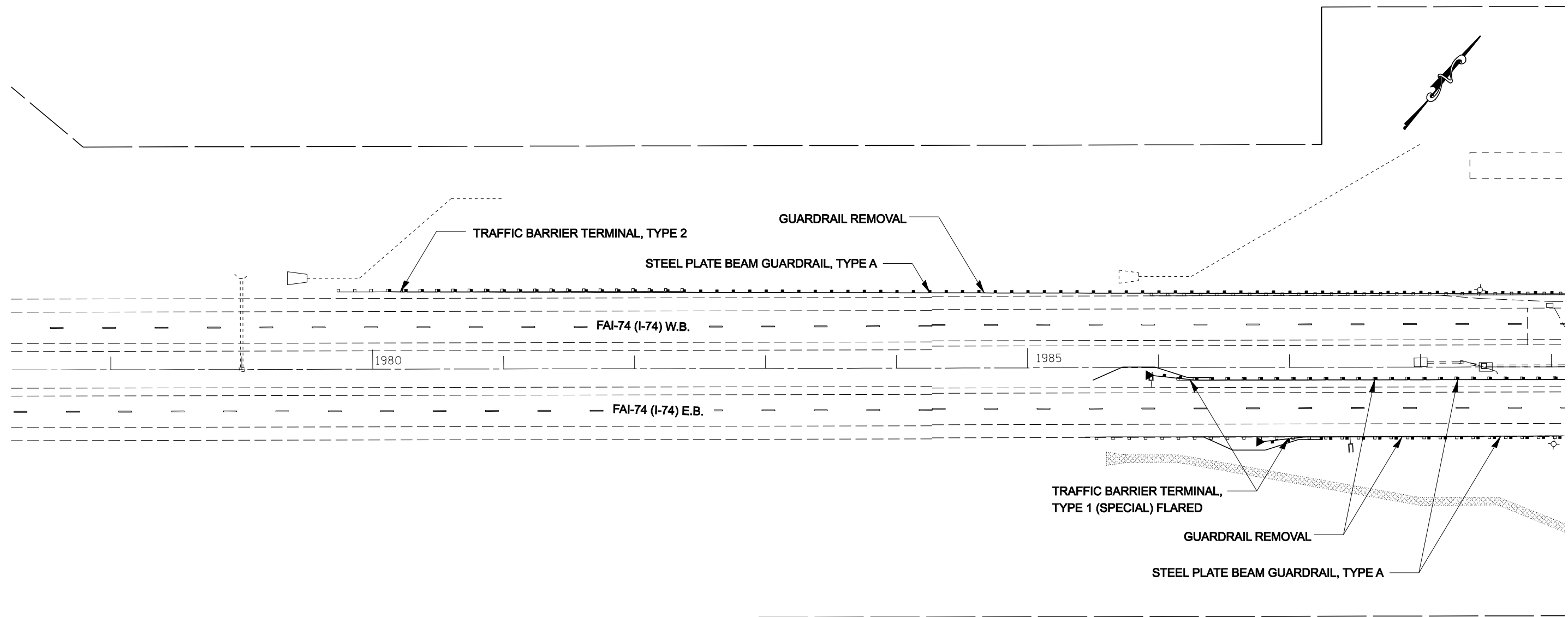
TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.17, R11W, T19N, 2ND PM

SEC.16, R11W, T19N, 2ND PM

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\projects\d501407 (v8)\70643.plansheet.dgn	DRAWN -	REVISED -	74			FY08HSIP	**	172	58	
PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 70643							
PLOT DATE = 12/20/2007	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							
					SCALE: 1:40	SHEET NO.	OF	SHEETS	STA. 1966+00 TO STA. 1977+00	

** CHAMPAIGN & VERMILION COUNTIES



NOTES:
 PIPE UNDERDRAINS 4" SHALL BE EXTENDED TO FLOW LINE OR NEAREST INLET. THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.16, R11W, T19N, 2ND PM

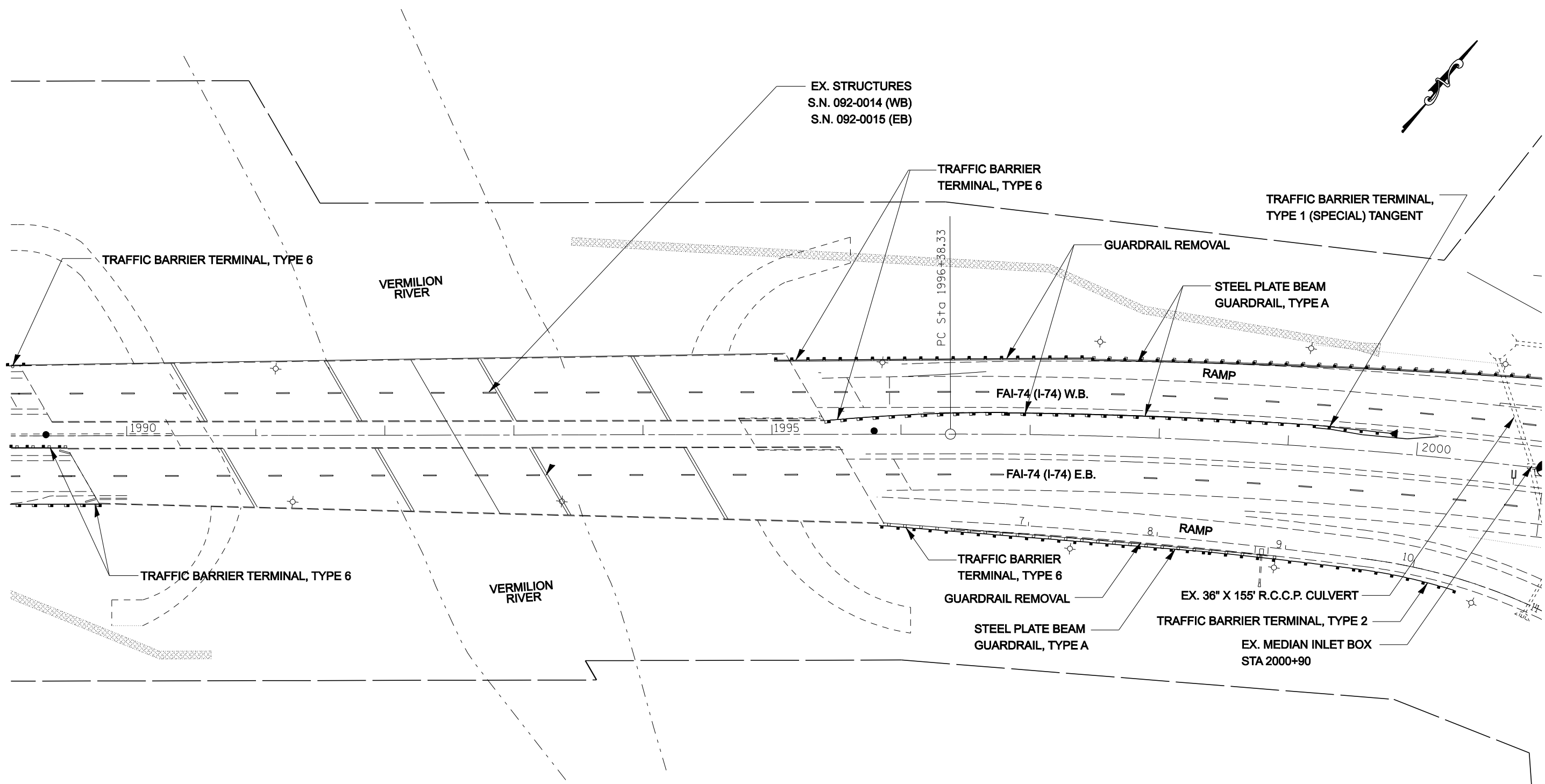
FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\d501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -
	PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/20/2007	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-74 GUARDRAIL & IMPACT ATTENUATORS

SCALE: 1:40 SHEET NO. OF SHEETS STA. 1978+00 TO STA. 1989+00

** CHAMPAIGN & VERMILION COUNTIES				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	59
CONTRACT NO. 70643				
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

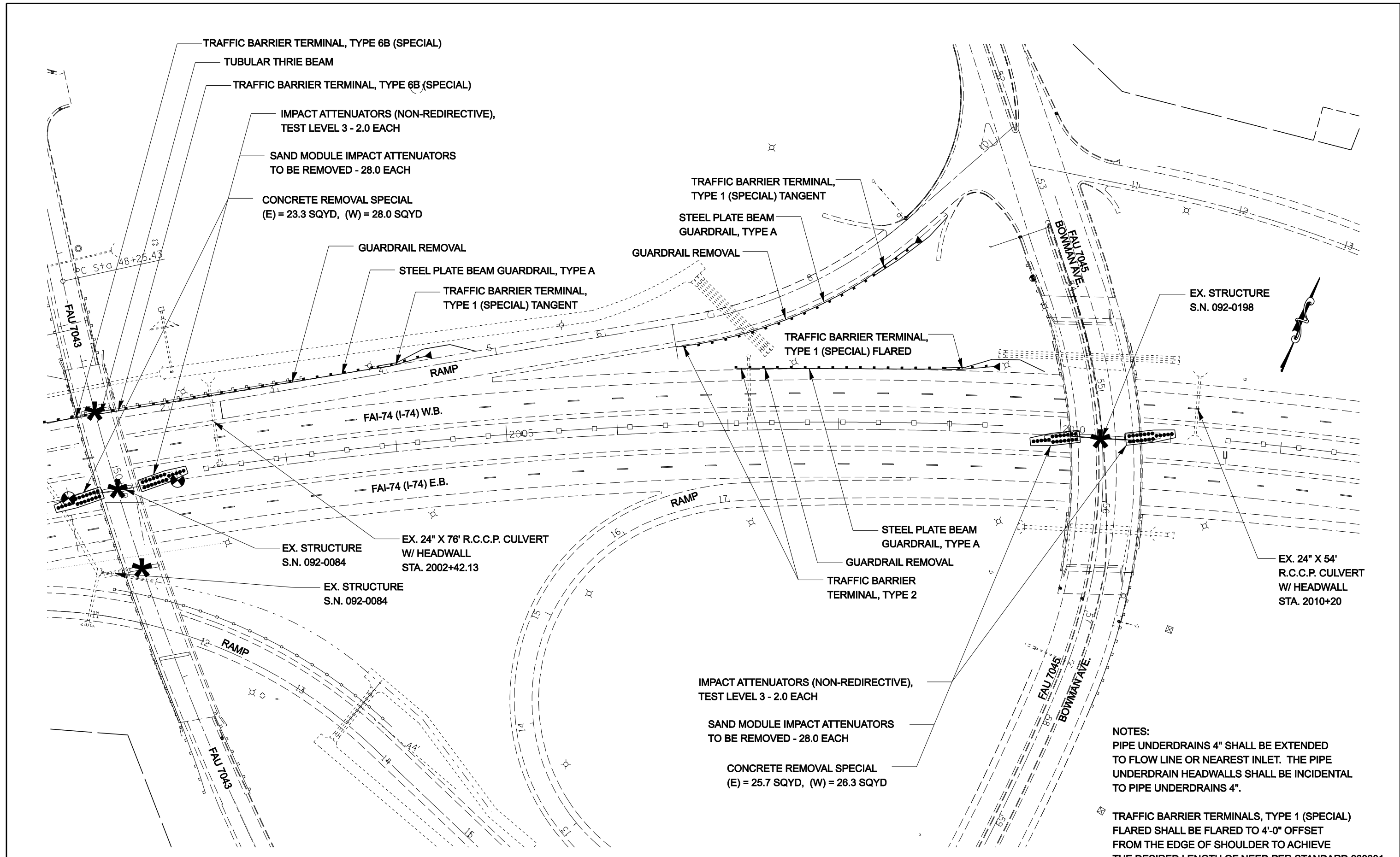


NOTE:
 PIPE UNDERDRAINS 4" SHALL BE EXTENDED TO FLOW LINE OR NEAREST INLET. THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.16, R11W, T19N, 2ND PM

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS	** CHAMPAIGN & VERMILION COUNTIES				
ct:\projects\d501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -			74	FY08HSIP	**	172	60
	PLOT DATE = 12/20/2007	DATE -	REVISED -			SCALE: 1:40		SHEET NO. OF SHEETS		STA. 1989+00 TO STA. 2000+00
					CONTRACT NO. 70643		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



NOTES:
 PIPE UNDERDRAINS 4" SHALL BE EXTENDED TO FLOW LINE OR NEAREST INLET. THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

*** CRASHWALLS TO BE EXTENDED**

SEC.16, R11WE, T19N, 2ND PM

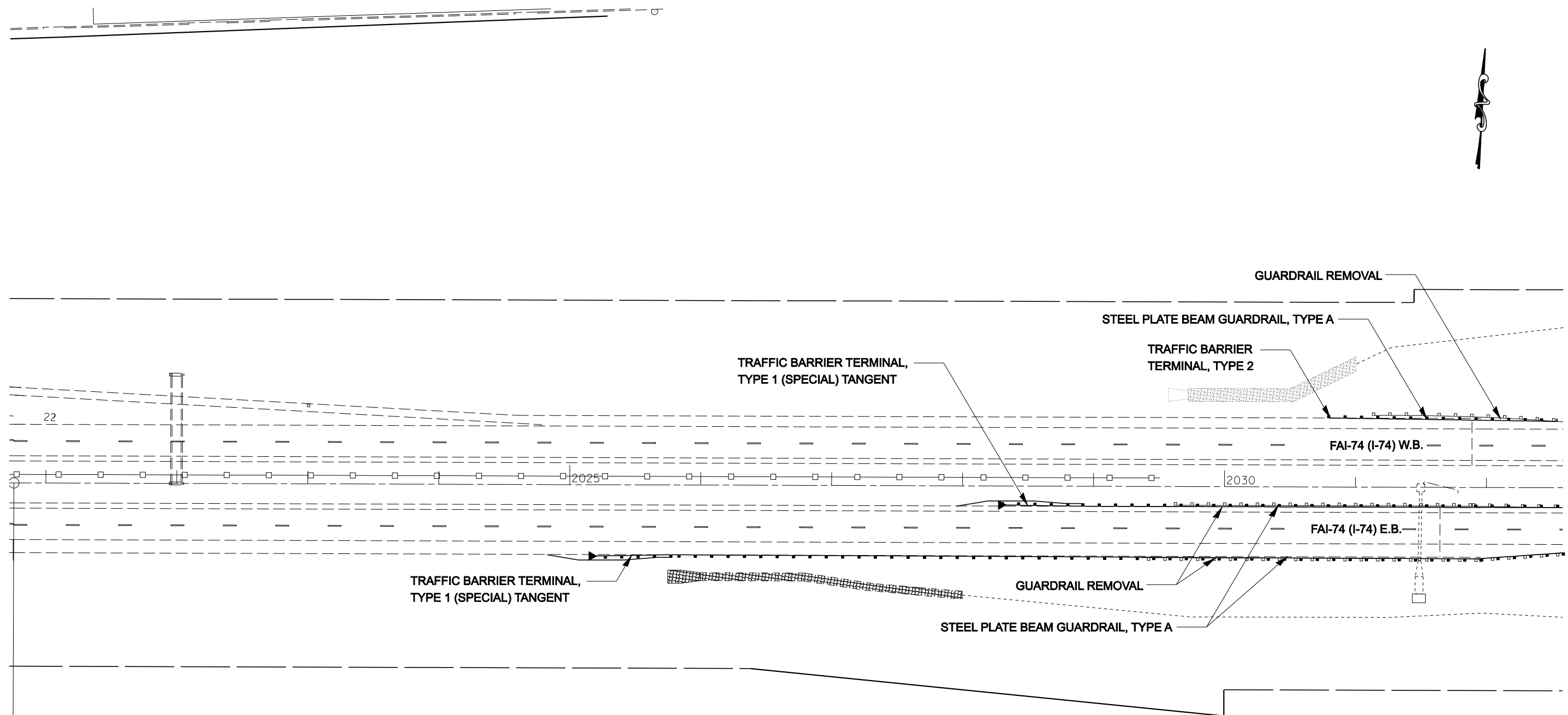
FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\1501407 (v8)\70643.plansheets\dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-74 GUARDRAIL & IMPACT ATTENUATORS

SCALE: 1:40 SHEET NO. OF SHEETS STA. 2001+00 TO STA. 2012+00

** CHAMPAIGN & VERMILION COUNTIES			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	FY08HSIP	**	172
			SHEET NO. 61
CONTRACT NO. 70643			
FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		



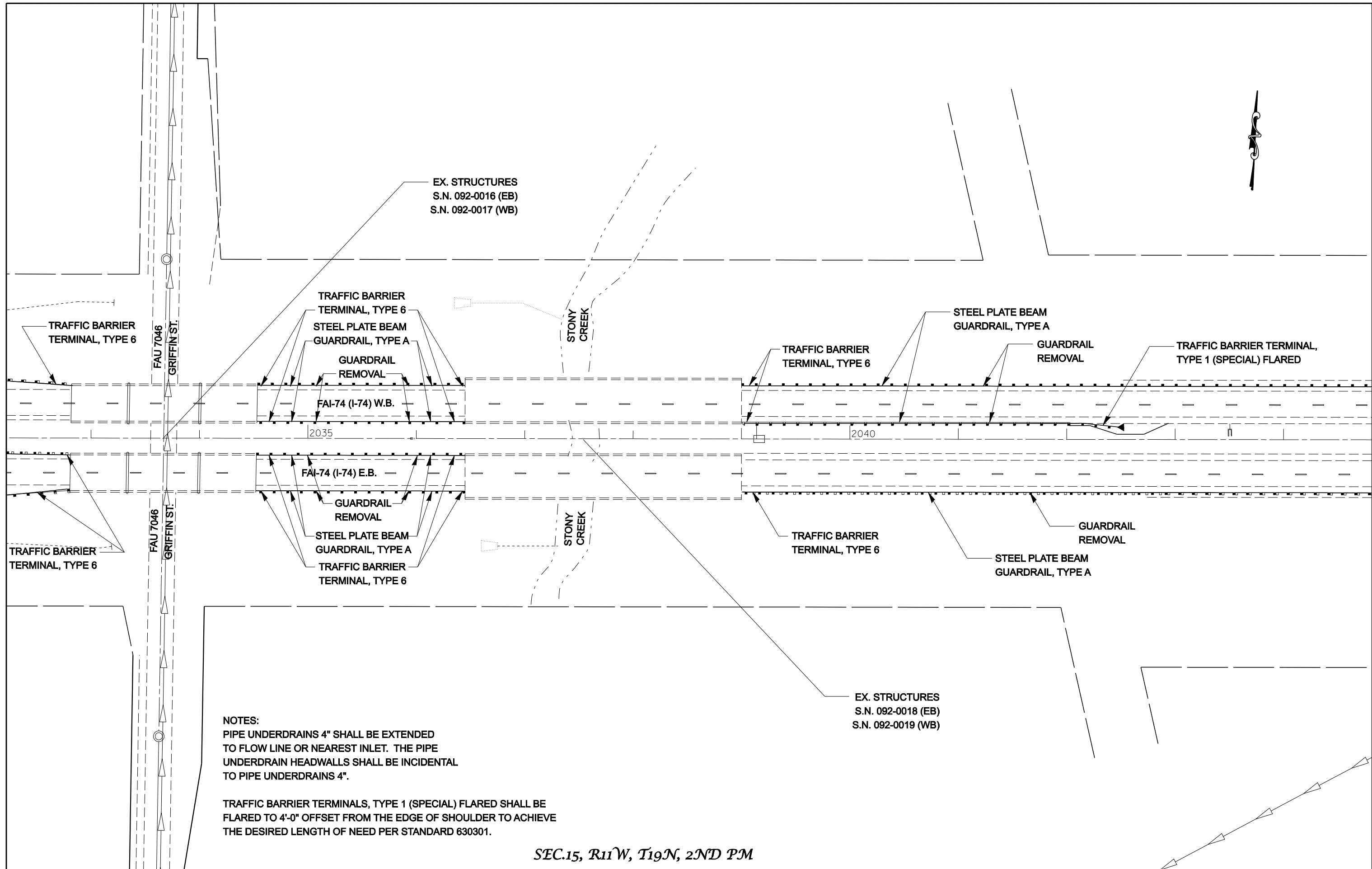
NOTES:

PIPE UNDERDRAINS 4" SHALL BE EXTENDED TO FLOW LINE OR NEAREST INLET. THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.15, R11W, T19N, 2ND PM

FILE NAME = c:\projects\d501407 (v8)\70643.plnsheet.dgn	USER NAME = collierbw	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS			F.A.I RTE. 74	SECTION FY08HSIP	COUNTY ..	TOTAL SHEETS 172	SHEET NO. 62
PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -	REVISED -		SCALE: 1:40	SHEET NO.	OF	SHEETS	STA. 2021+00 TO STA. 2032+00	CONTRACT NO. 70643		
PLOT DATE = 12/20/2007	DATE -	REVISED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

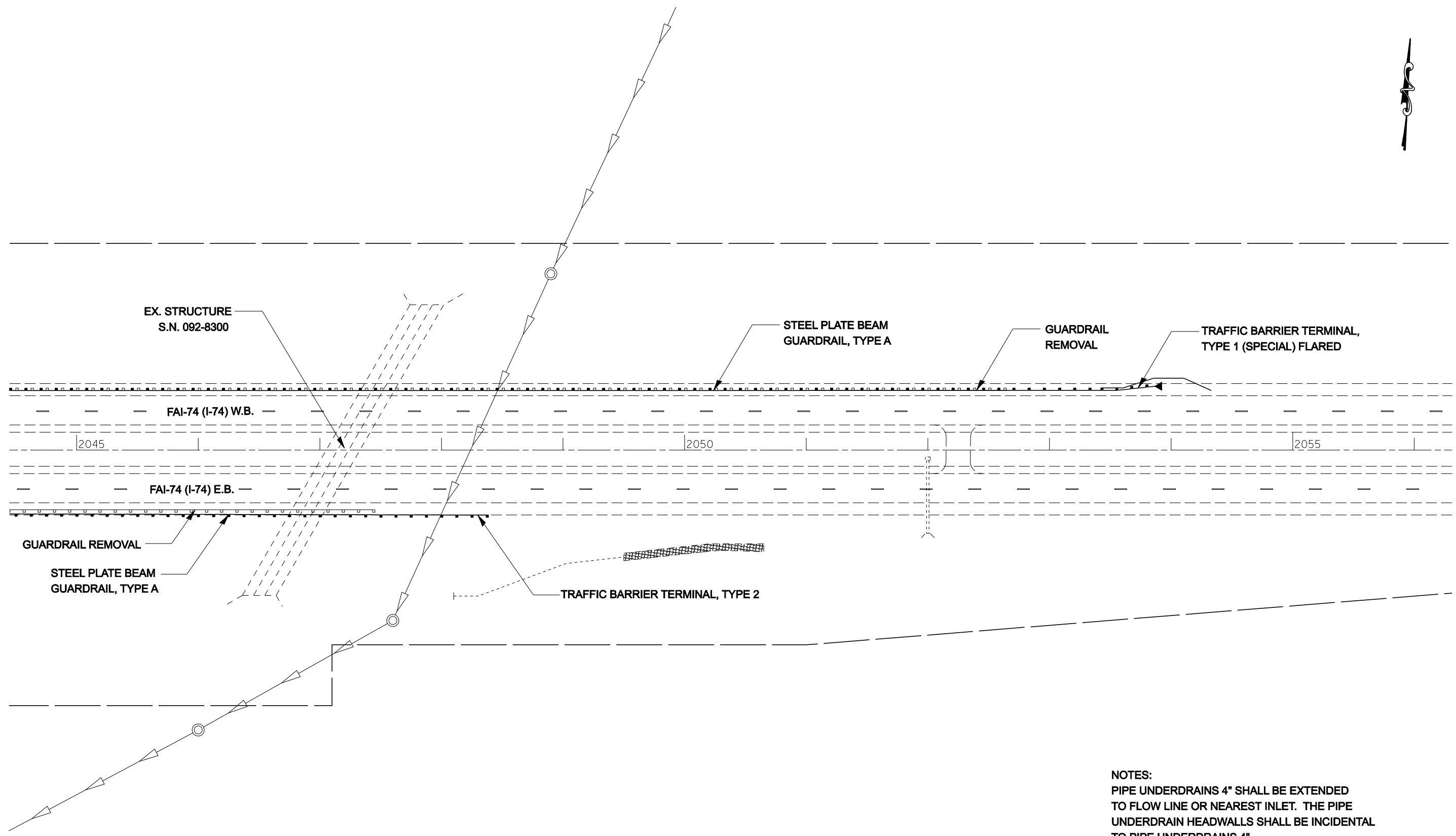


NOTES:
 PIPE UNDERDRAINS 4" SHALL BE EXTENDED TO FLOW LINE OR NEAREST INLET. THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.15, R11W, T19N, 2ND PM

FILE NAME = c:\projects\d501407 (v8)\70643.plansheets.dgn	USER NAME = collierbw	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS			F.A.I. RTE. 74	SECTION FY08HSIP	COUNTY **	TOTAL SHEETS 172	SHEET NO. 63
PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISIED -	REVISIED -		SCALE: 1:40	SHEET NO.	OF	SHEETS	STA. 2033+00 TO STA. 2144+00	CONTRACT NO. 70643		
PLOT DATE = 12/20/2007	DATE -	REVISIED -	REVISIED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

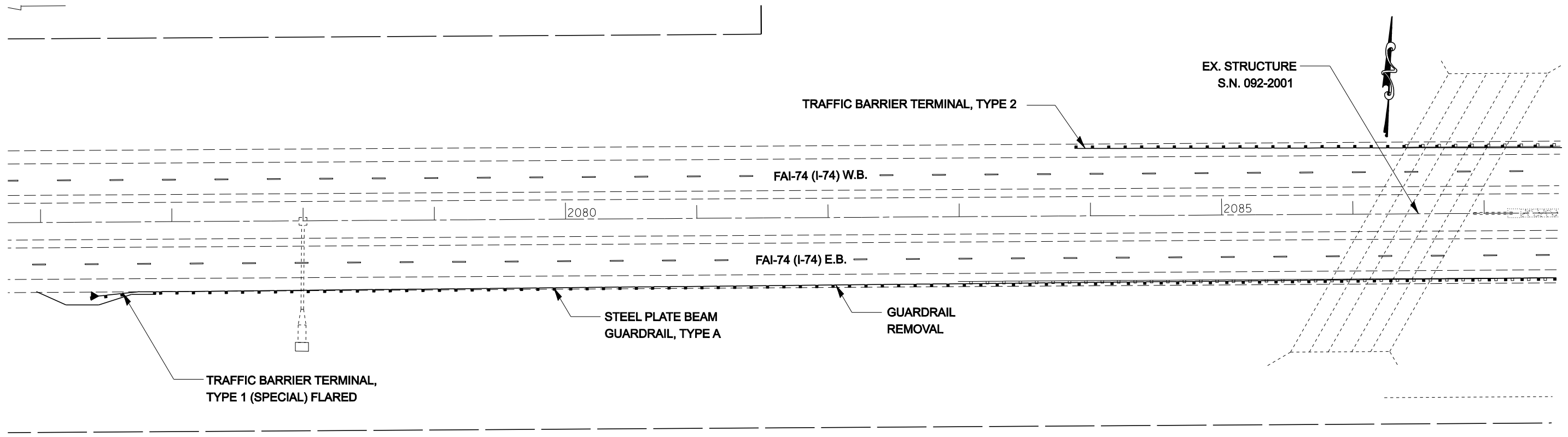


NOTES:
 PIPE UNDERDRAINS 4" SHALL BE EXTENDED TO FLOW LINE OR NEAREST INLET. THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

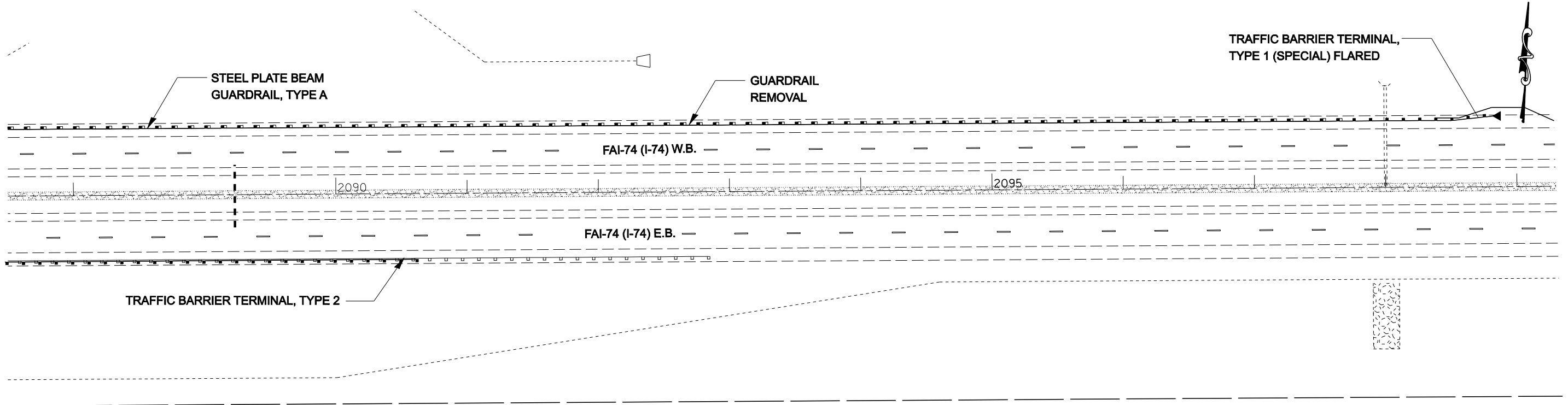
TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.15, R11W, T19N, 2ND PM

FILE NAME = c:\projects\d501407 (v8)\70643.plnsheet.dgn	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -					74	FY08HSIP	**	172	64
PLOT DATE = 12/20/2007	DATE -	REVISED -	REVISED -		SCALE: 1:40	SHEET NO.	OF SHEETS	STA. 2045+00 TO STA. 2056+00	CONTRACT NO. 70643			
								** CHAMPAIGN & VERMILION COUNTIES FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



SEC.14, R11W, T19N, 2ND PM

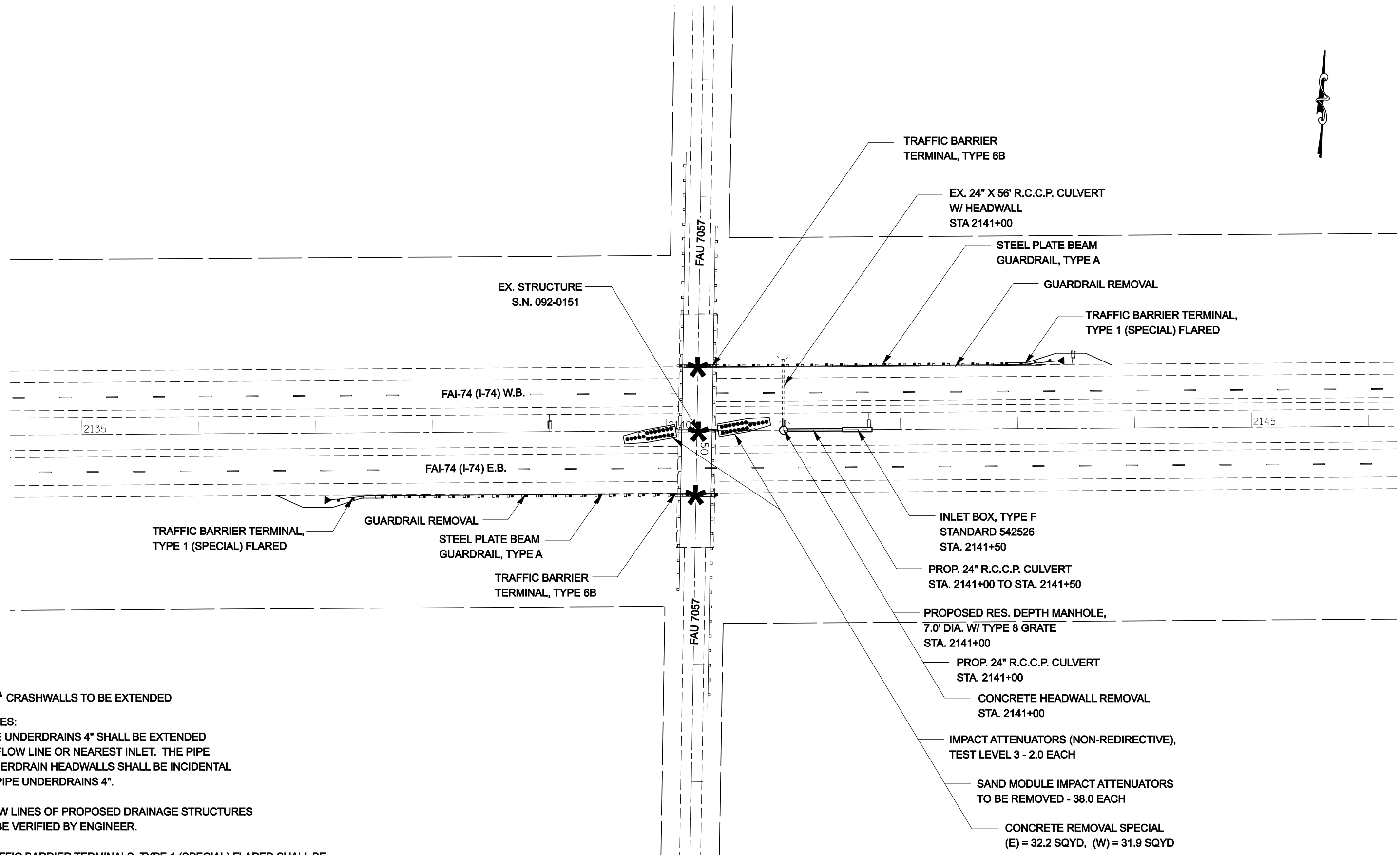


NOTE:
PIPE UNDERDRAINS 4" SHALL BE EXTENDED TO FLOW LINE OR NEAREST INLET. THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

NOTE:
TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.14, R11W, T19N, 2ND PM

FILE NAME = c:\projects\0501407 (v8)\70643.plnsheet.dgn	USER NAME = collierbw	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS	F.A.I. RTE. 74	SECTION FY08HSIP	COUNTY ..	TOTAL SHEETS 172	SHEET NO. 65		
PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -	SCALE: 1:40			SHEET NO. OF SHEETS	STA. 2076+00 TO STA. 2099+00	CONTRACT NO. 70643				
PLOT DATE = 12/20/2007	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									
** CHAMPAIGN & VERMILION COUNTIES												



*** CRASHWALLS TO BE EXTENDED**

NOTES:
 PIPE UNDERDRAINS 4" SHALL BE EXTENDED TO FLOW LINE OR NEAREST INLET. THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

FLOW LINES OF PROPOSED DRAINAGE STRUCTURES TO BE VERIFIED BY ENGINEER.

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.14, R11W, T19N, 2ND PM

SEC.13, R11W, T19N, 2ND PM

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\d501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -
	PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/20/2007	DATE -	REVISED -

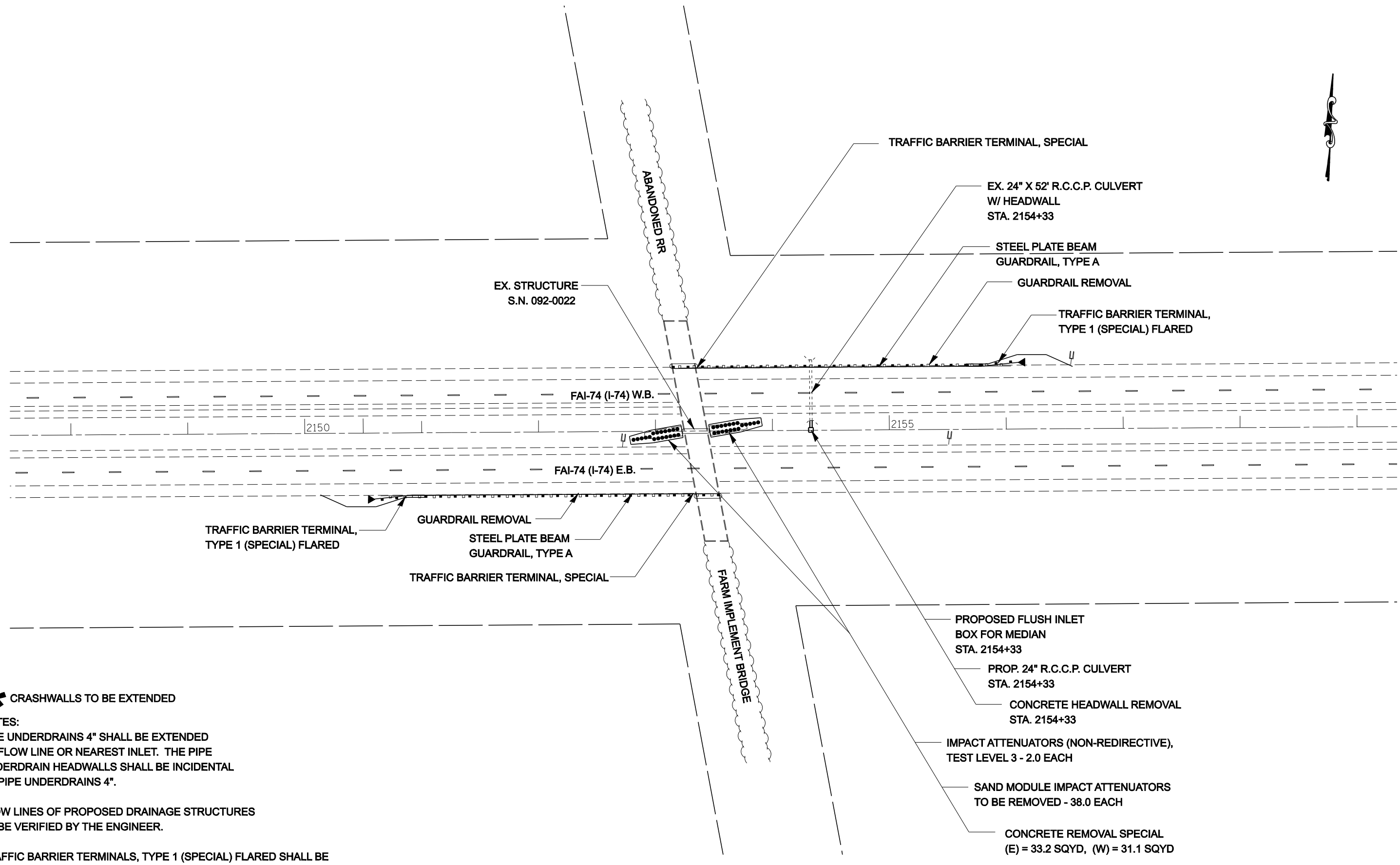
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-74 GUARDRAIL & IMPACT ATTENUATORS

SCALE: 1:40 SHEET NO. OF SHEETS STA. 2135+00 TO STA. 2146+00

F.A.I. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		FY08HSIP	**	172	66
FED. ROAD DIST. NO.				ILLINOIS FED. AID PROJECT	
				CONTRACT NO. 70643	

** CHAMPAIGN & VERMILION COUNTIES



*** CRASHWALLS TO BE EXTENDED**

NOTES:
 PIPE UNDERDRAINS 4" SHALL BE EXTENDED TO FLOW LINE OR NEAREST INLET. THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

FLOW LINES OF PROPOSED DRAINAGE STRUCTURES TO BE VERIFIED BY THE ENGINEER.

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.13, R11W, T19N, 2ND PM

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\d501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -
	PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/20/2007	DATE -	REVISED -

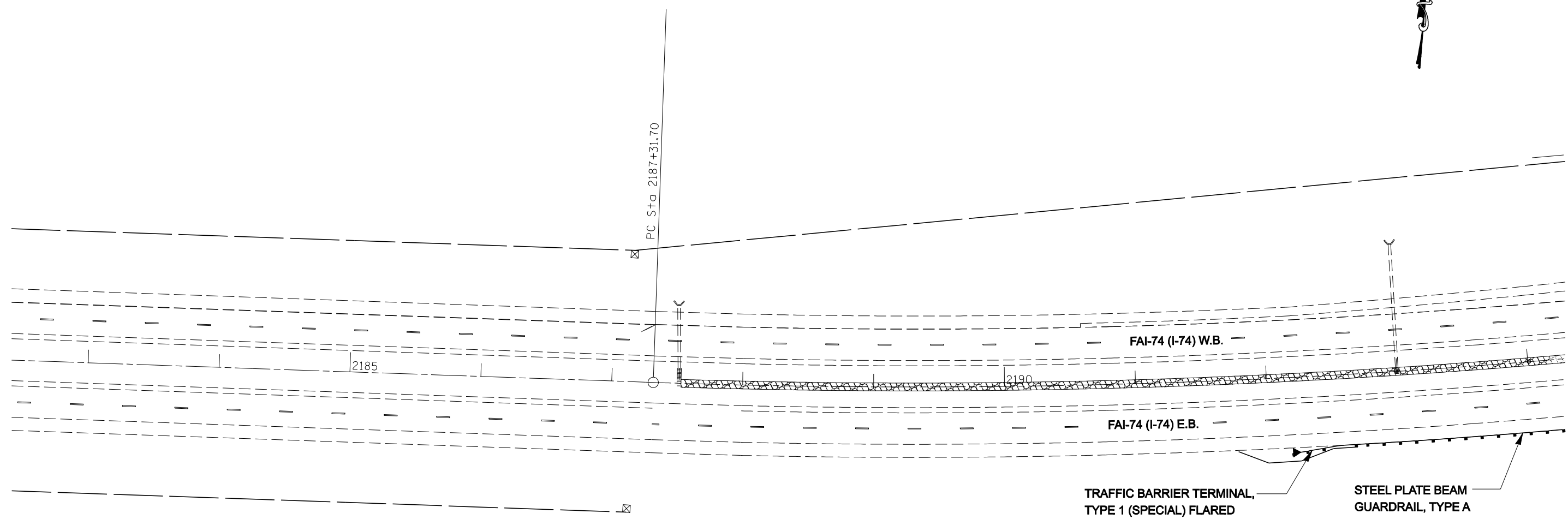
**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-74 GUARDRAIL & IMPACT ATTENUATORS

SCALE: 1:40 SHEET NO. OF SHEETS STA. 2148+00 TO STA. 2159+00

F.A.I. RTE.		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74		FY08HSIP	**	172	67
CONTRACT NO. 70643				FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT	

** CHAMPAIGN & VERMILION COUNTIES



NOTES:

PIPE UNDERDRAINS 4" SHALL BE EXTENDED TO FLOW LINE OR NEAREST INLET. THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

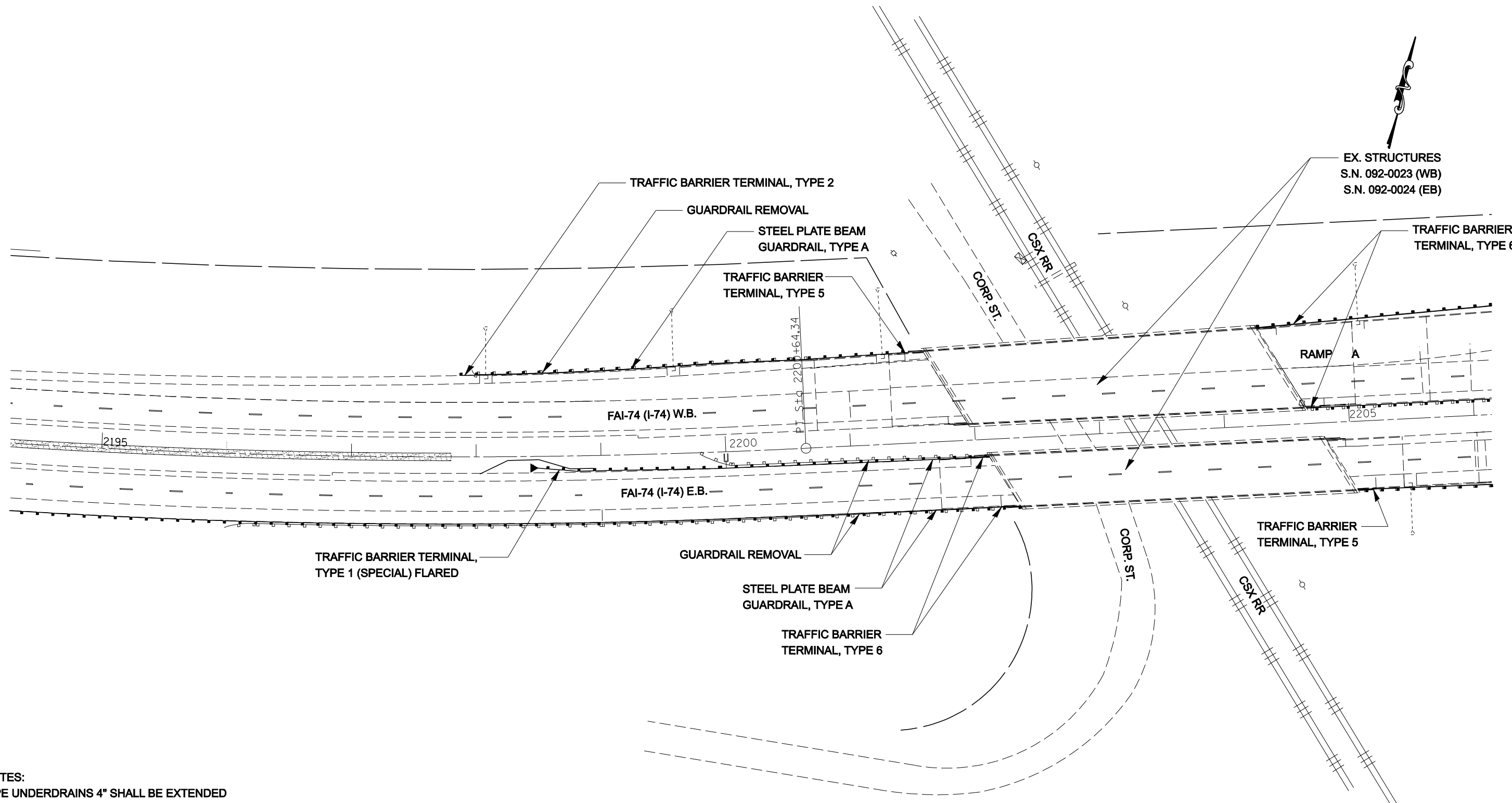
FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\d501407 (v8)\70643.plnsheet.dgn		DRAWN -	REVISED -
	PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/20/2007	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

I-74 GUARDRAIL & IMPACT ATTENUATORS

SCALE: 1:40 SHEET NO. OF SHEETS STA. 2183+00 TO STA. 2194+00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	68
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70643	



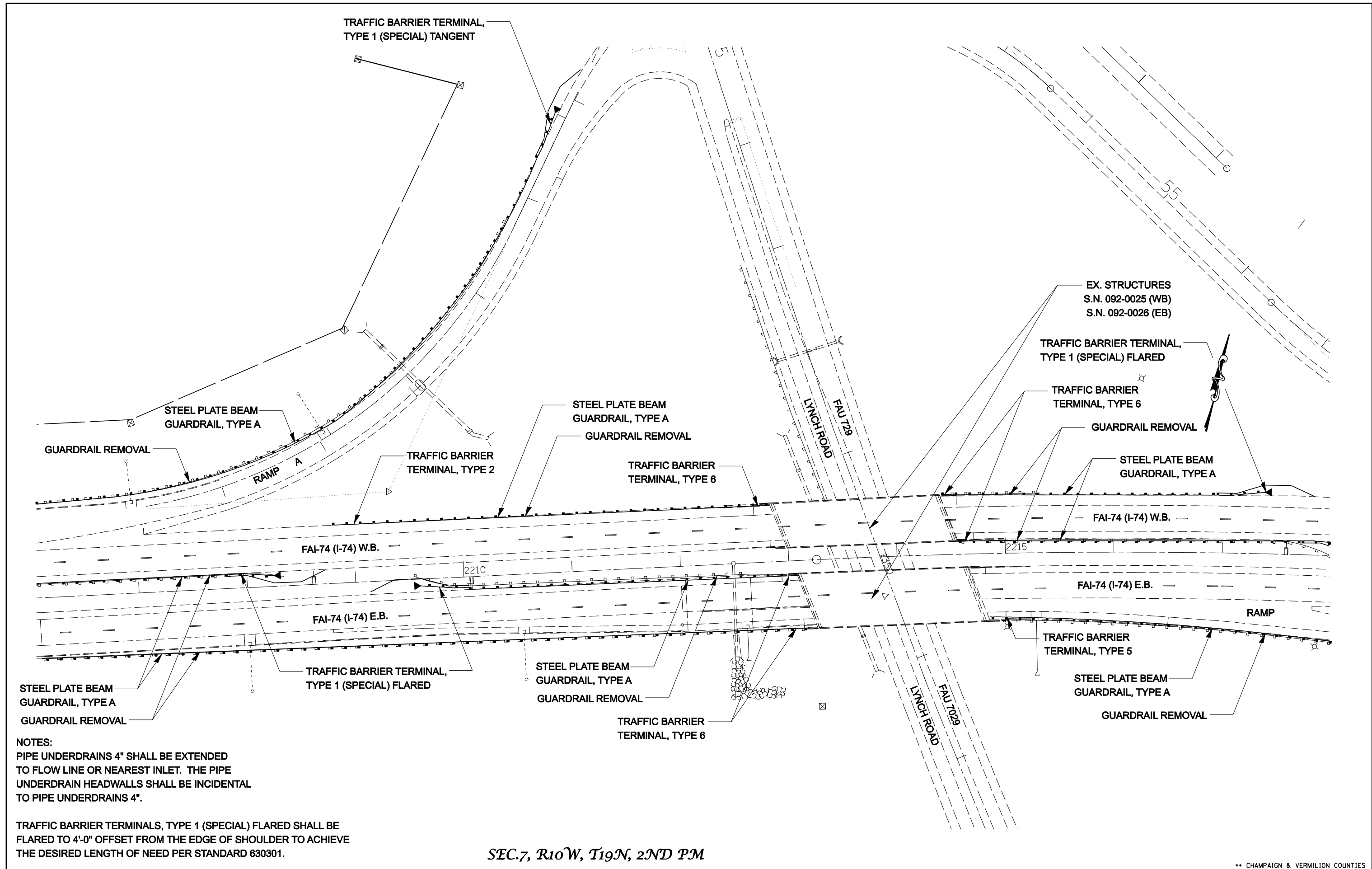
NOTES:
 PIPE UNDERDRAINS 4" SHALL BE EXTENDED TO FLOW LINE OR NEAREST INLET. THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.13, R11W, T19N, 2ND PM

SEC.7, R10W, T19N, 2ND PM

FILE NAME = c:\projects\d501407 (v8)\70643.plnsheet.dgn	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS	F.A.I. RTE. 74	SECTION FY08HSIP	COUNTY **	TOTAL SHEETS 172	SHEET NO. 69
	PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -			SCALE: 1:40	SHEET NO. OF SHEETS	STA. 2195+00 TO STA. 2206+00	CONTRACT NO. 70643	
PLOT DATE = 12/20/2007	DATE -	REVISED -	REVISED -	** CHAMPAIGN & VERMILION COUNTIES FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT						



NOTES:
 PIPE UNDERDRAINS 4" SHALL BE EXTENDED TO FLOW LINE OR NEAREST INLET. THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.7, R10W, T19N, 2ND PM

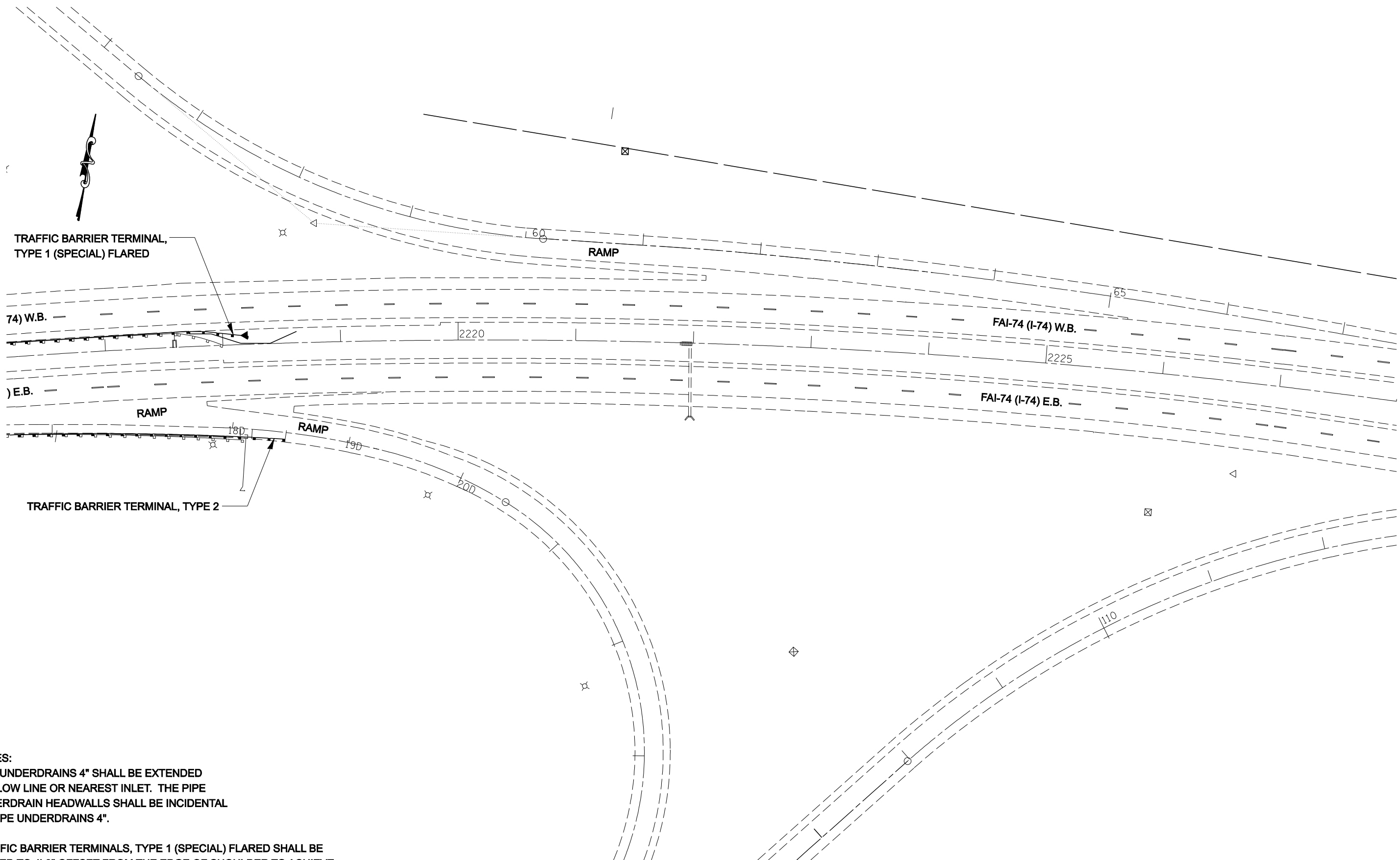
FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\d501407 (v8)\70643.plansheet.dgn		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-74 GUARDRAIL & IMPACT ATTENUATORS

SCALE: 1:40 SHEET NO. OF SHEETS STA. 2207+00 TO STA. 2218+00

** CHAMPAIGN & VERMILION COUNTIES			
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS
74	FY08HSIP	**	172
			SHEET NO. 70
CONTRACT NO. 70643			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



NOTES:
 PIPE UNDERDRAINS 4" SHALL BE EXTENDED TO FLOW LINE OR NEAREST INLET. THE PIPE UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL TO PIPE UNDERDRAINS 4".

TRAFFIC BARRIER TERMINALS, TYPE 1 (SPECIAL) FLARED SHALL BE FLARED TO 4'-0" OFFSET FROM THE EDGE OF SHOULDER TO ACHIEVE THE DESIRED LENGTH OF NEED PER STANDARD 630301.

SEC.7, R10W, T19N, 2ND PM

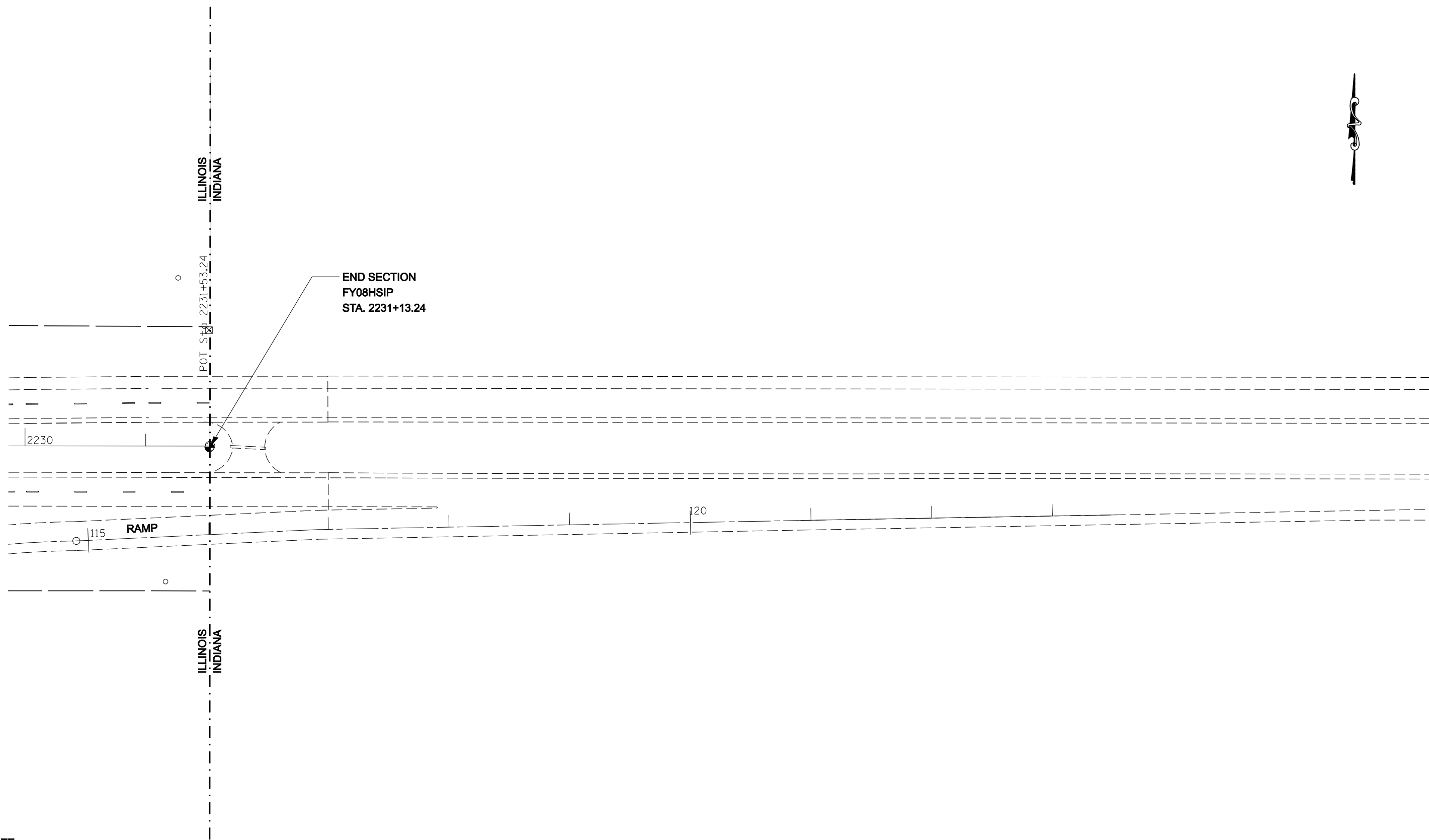
FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -
ct:\projects\0501407 (v8)\70643.plansheets.dgn		DRAWN -	REVISED -
	PLOT SCALE = 80.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/20/2007	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

I-74 GUARDRAIL & IMPACT ATTENUATORS

SCALE: 1:40 SHEET NO. OF SHEETS STA. 2217+00 TO STA. 2228+00

** CHAMPAIGN & VERMILION COUNTIES				
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	71
			CONTRACT NO. 70643	
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

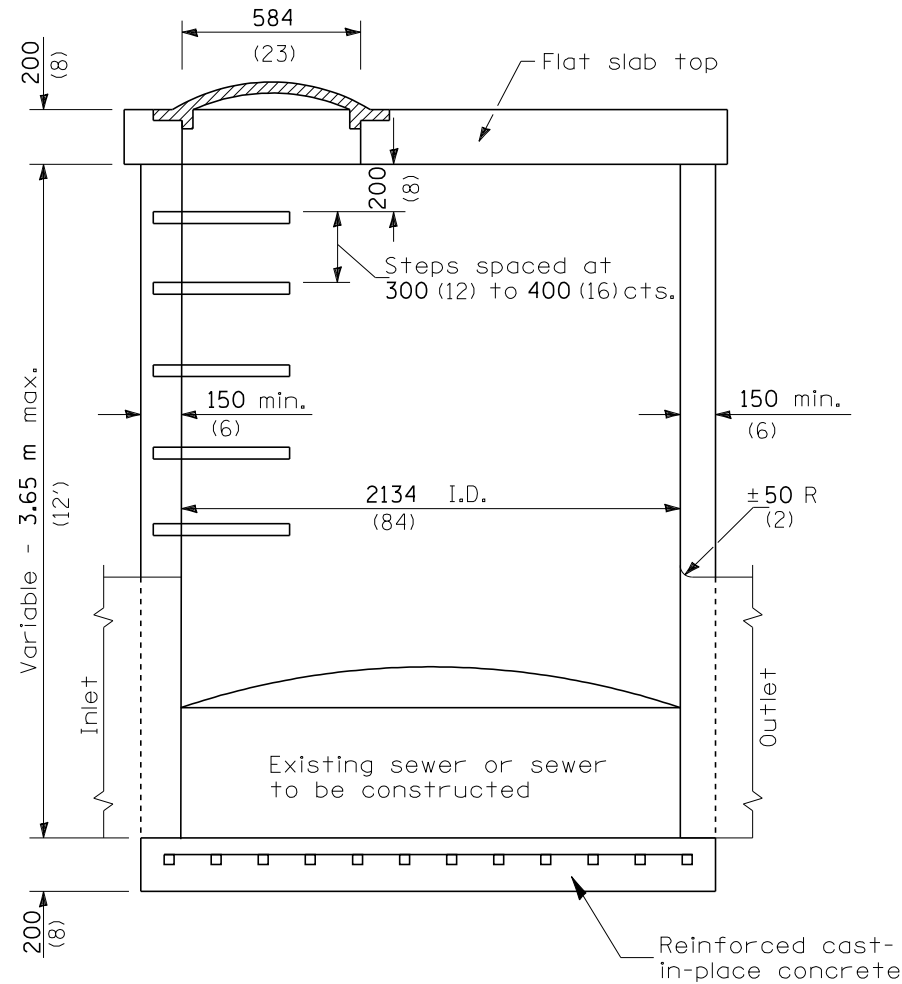


NOTE:
 PIPE UNDERDRAINS 4" SHALL BE EXTENDED
 TO FLOW LINE OR NEAREST INLET. THE PIPE
 UNDERDRAIN HEADWALLS SHALL BE INCIDENTAL
 TO PIPE UNDERDRAINS 4".

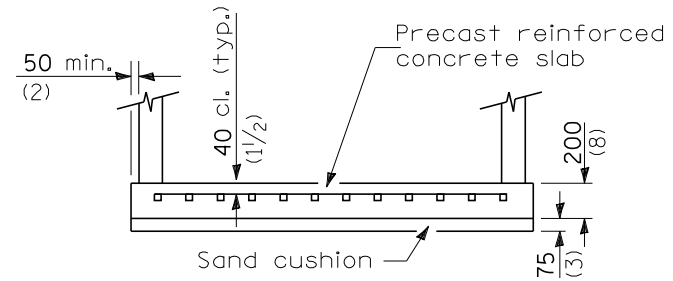
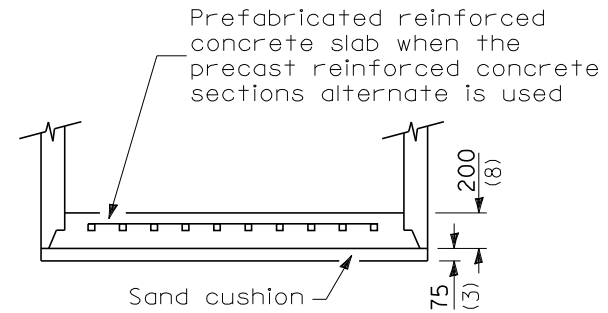
•• CHAMPAIGN & VERMILION COUNTIES

FILE NAME = c:\projects\d501407 (v8)\70643.plansheet.dgn	USER NAME = collierbw	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	I-74 GUARDRAIL & IMPACT ATTENUATORS			F.A.I RTE. 74	SECTION FY08HSIP	COUNTY ••	TOTAL SHEETS 172	SHEET NO. 72
PLOT SCALE = 80.0000 ' / IN.	CHECKED -	REVISED -	REVISED -					CONTRACT NO. 70643				
PLOT DATE = 12/20/2007	DATE -	REVISED -	REVISED -		SCALE: 1:40	SHEET NO.	OF SHEETS	STA. 2230+00 TO STA. 2231+13.24	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

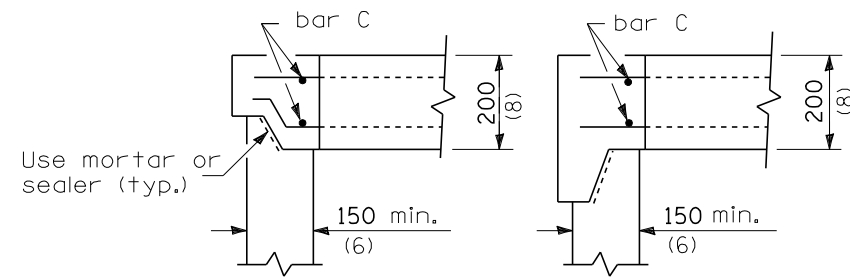
DETAIL OF RESTRICTED DEPTH MANHOLE 7' DIAMETER, TYPE 8 GRATE



ELEVATION



ALTERNATE BOTTOM SLAB



ALTERNATE JOINT CONFIGURATIONS

ALTERNATE MATERIALS FOR WALLS	T (min)
Concrete Masonry Units	125 (5)
Precast Reinforced Concrete Sections	100 (4)
Cast-in-Place Concrete	150 (6)

GENERAL NOTES

Depth of manhole shall be verified in the field by the Engineer.

Joint configuration and dimensions of flat slab top shall match and fit the riser joint detail.

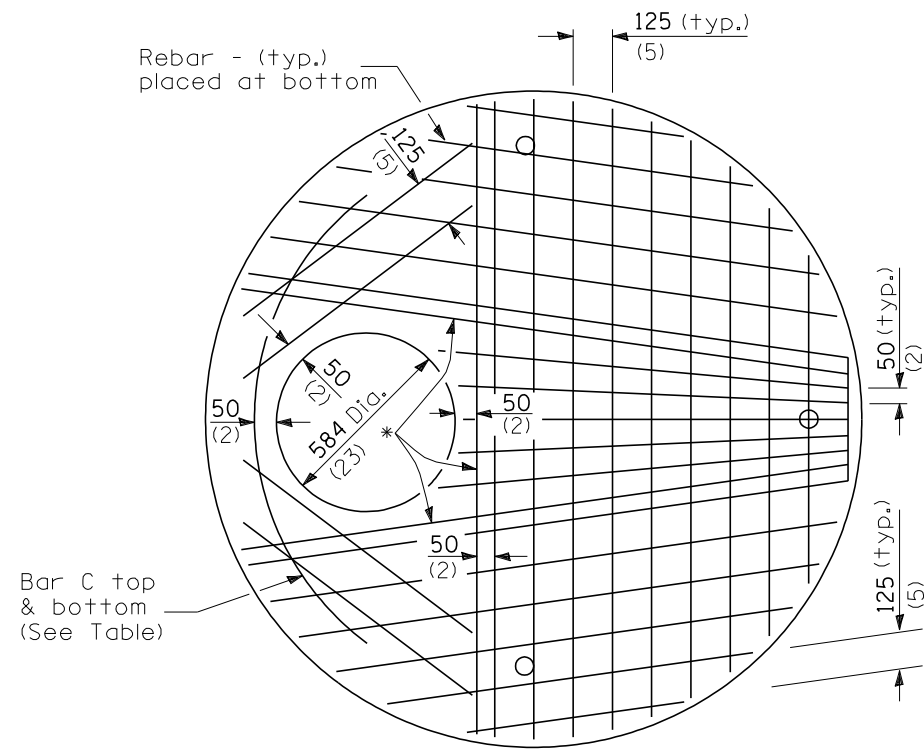
Lifting devices shall be approved by the Engineer.

See Standard 602701 for details of cast iron steps.

All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF RESTRICTED DEPTH MANHOLE WITH TYPE 8 GRATE			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\projects\d501407 (v8)\70643.details.dgn		DRAWN -	REVISED -		74	FYOB HSIP	**	172	73	CONTRACT NO. 70643			
PLOT SCALE = 40.0000' / IN.		CHECKED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		
PLOT DATE = 12/20/2007		DATE -	REVISED -										

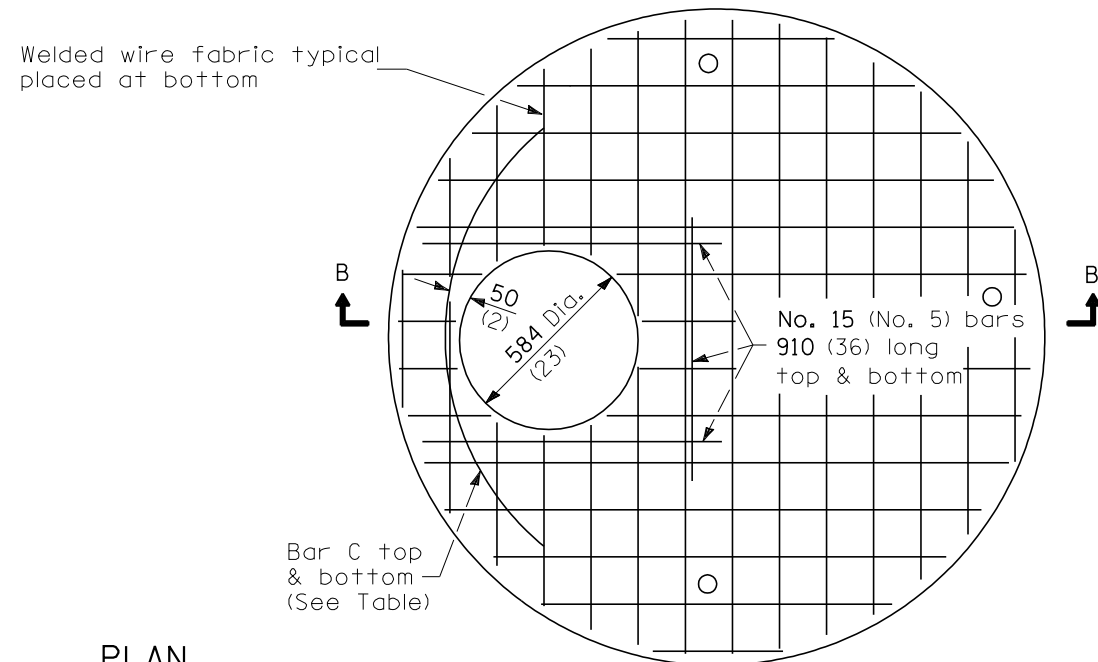
DETAIL OF RESTRICTED DEPTH MANHOLE 7' DIAMETER, TYPE 8 GRATE



PLAN

Showing Rebar Reinforcement

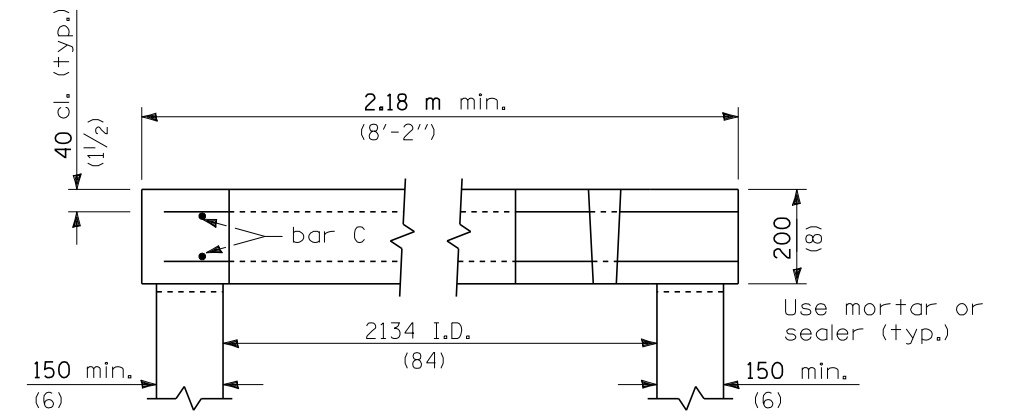
* No. 20 (No. 6) bars top & bottom



PLAN

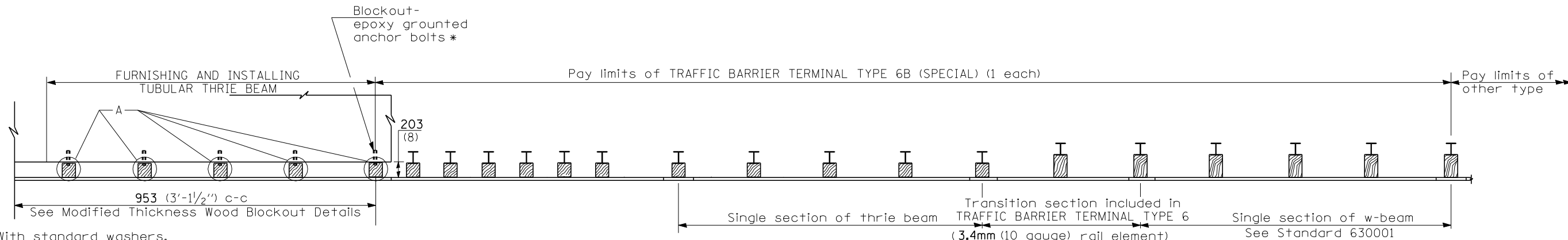
Showing Welded Wire Fabric Reinforcement

Diameter of opening	Thickness	Reinforcement "As" WWF Each direction	Bar Size	No. 15 (No. 4) Bar C	
				Length	Radius
584 (23)	200 (8)	2244 mm ² /m (1.06) sq. in./ft.	No. 20 (No. 6)	1.83 m (6'-0")	965 (44)



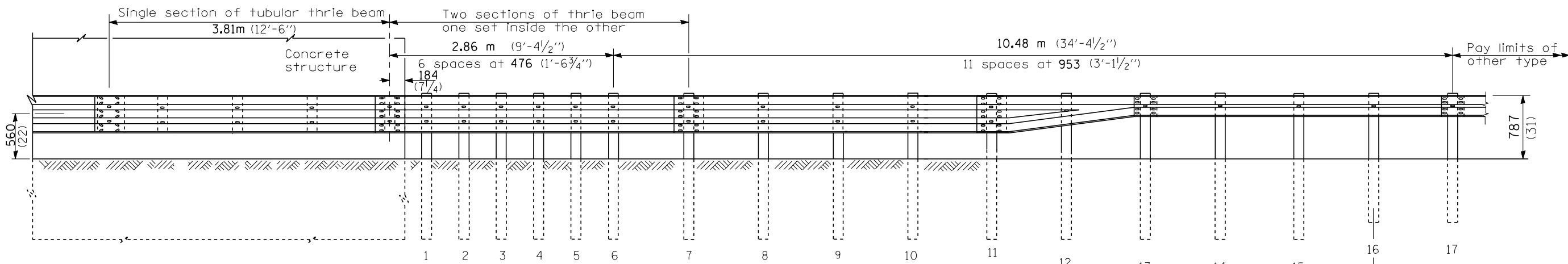
SECTION B-B

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAIL OF RESTRICTED DEPTH MANHOLE WITH TYPE 8 GRATE			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\projects\d501407 (v8)\70643.details.dgn		DRAWN -	REVISED -					74	FYOBHSIP	**	172	74
PLOT SCALE = 40.0000 ' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 70643				
PLOT DATE = 12/20/2007		DATE -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			** CHAMPAIGN & VERMILION				

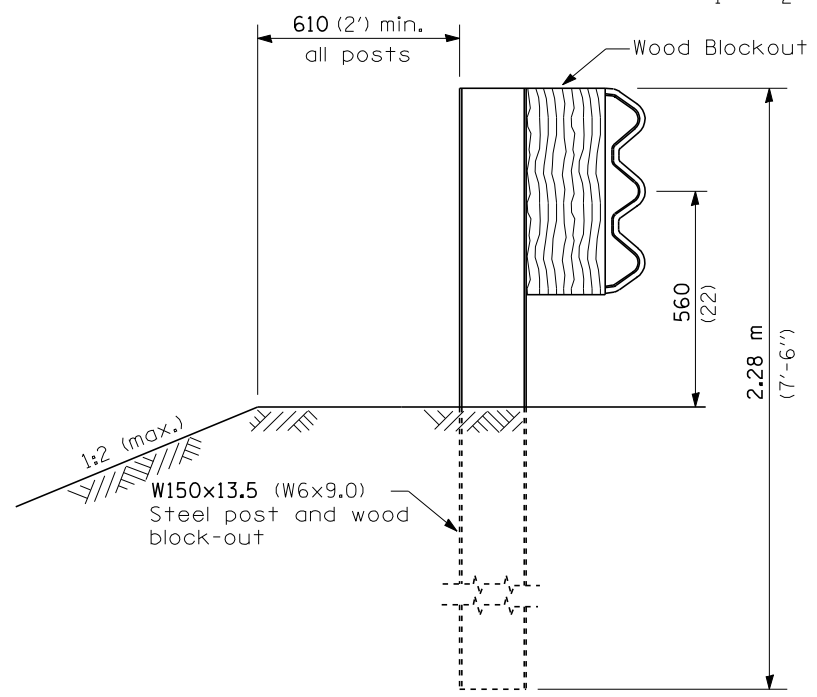


* With standard washers. After tightening, cut the anchor bolts flush with nuts, and damage the nut to prevent it from loosening.

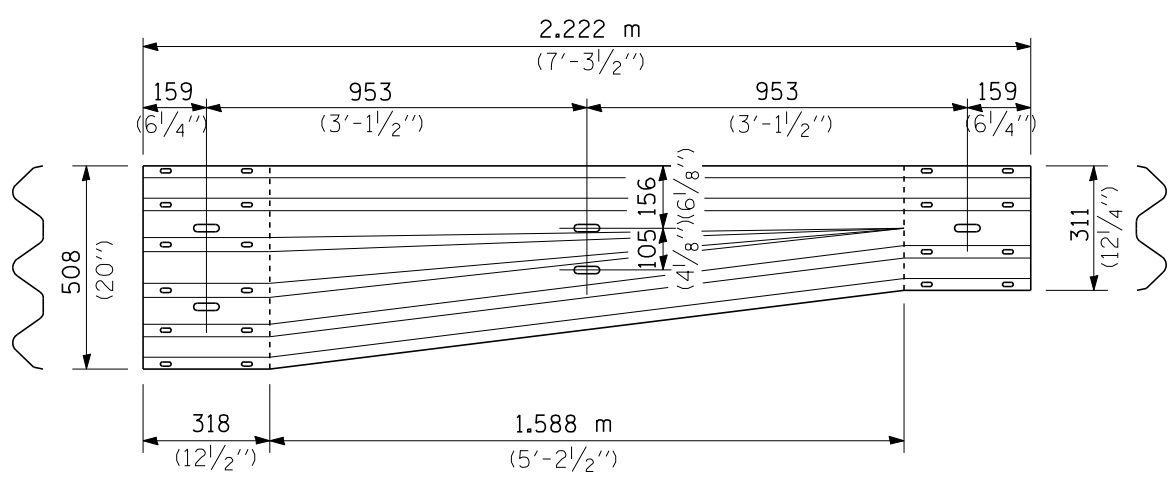
PLAN



ELEVATION



SECTION A-A

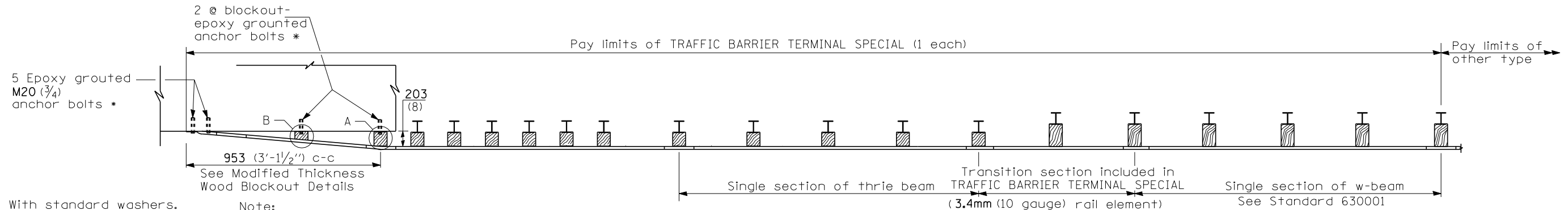


TRANSITION SECTION

GENERAL NOTES

See Standard 630001 for details of guardrail not shown.
 Thrie beam rail shall be bolted to block-out at all posts.
 All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).
 All dimensions are in millimeters (inches) unless otherwise shown.
 Refer to Standard 631033 for details and dimensions not shown.

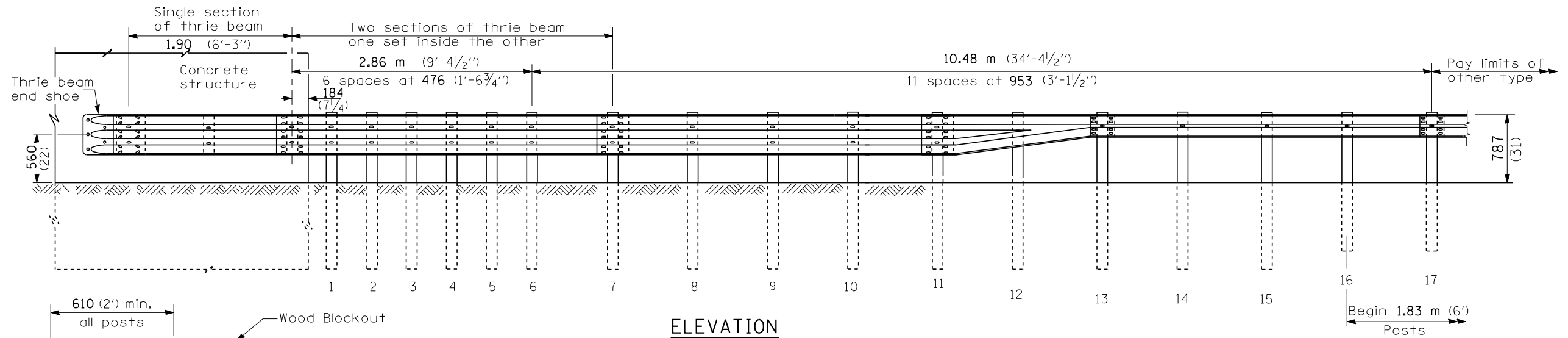
FILE NAME = c:\projects\d501407 (v8)\70643.details.dgn	USER NAME = collierbw	DESIGNED - DRAWN -	REVISED - REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC BARRIER TERMINAL TYPE 6B (SPECIAL)			F.A.I. RTE. 74	SECTION FY08 HSIP	COUNTY **	TOTAL SHEETS 172	SHEET NO. 75			
PLOT SCALE = 40.0000 ' / IN.	CHECKED -	REVISED -	SCALE:					SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 70643			
PLOT DATE = 12/20/2007	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT												



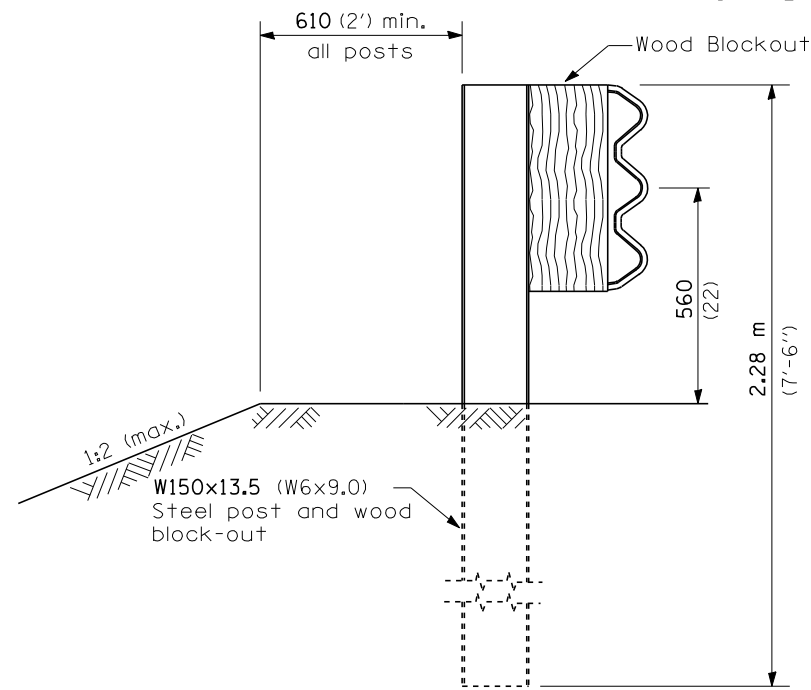
* With standard washers. After tightening, cut the anchor bolts flush with nuts, and damage the nut to prevent it from loosening.

Note: See wood block details A & B

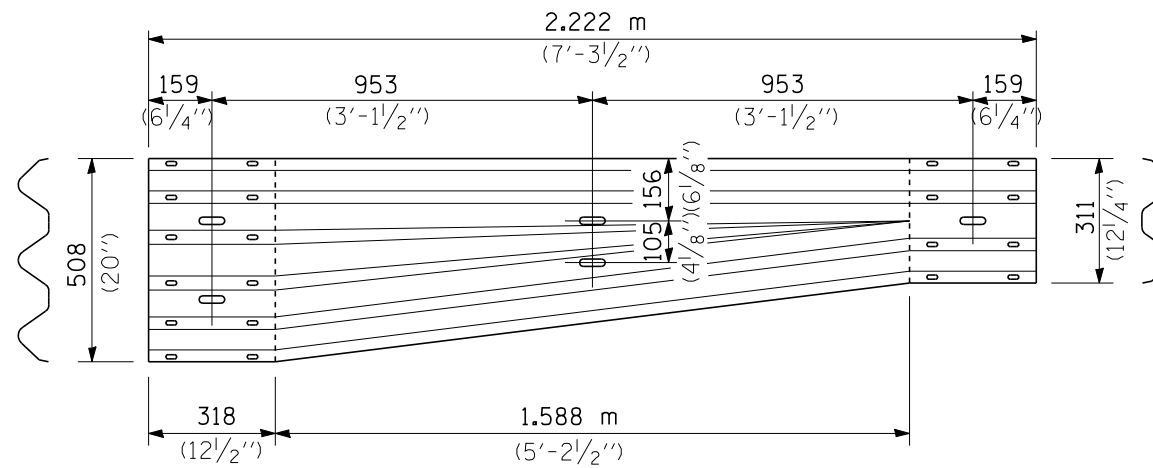
PLAN



ELEVATION



SECTION A-A



TRANSITION SECTION

GENERAL NOTES

See Standard 630001 for details of guardrail not shown.

Thrie beam rail shall be bolted to block-out at all posts.

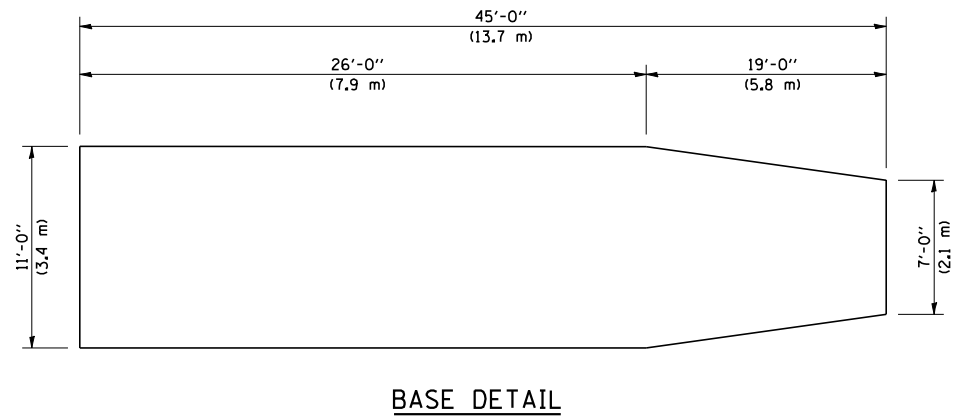
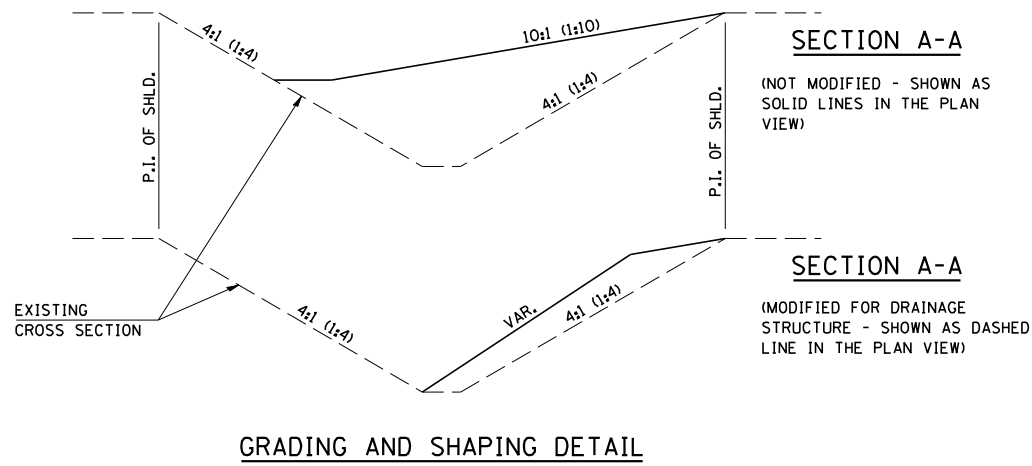
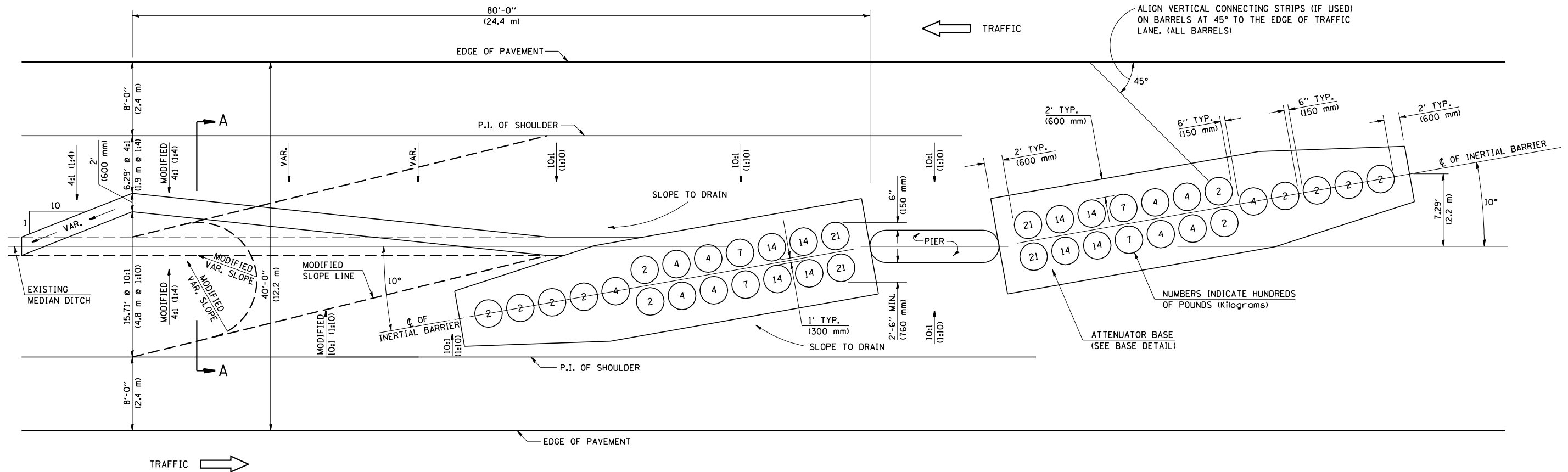
All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V:H).

All dimensions are in millimeters (inches) unless otherwise shown.

Refer to Standard 631033 for details and dimensions not shown.

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC BARRIER TERMINAL SPECIAL			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr:\projects\d501407 (v8)\70643.details.dgn		DRAWN -	REVISED -					74	FYOB HSIP	**	172	76
PLOT SCALE = 40.0000 ' / IN.		CHECKED -	REVISED -		SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 70643				
PLOT DATE = 12/20/2007		DATE -	REVISED -					FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

70 MPH (110 km/h) DESIGN - 40' (12 m) MEDIAN



GENERAL NOTES

- ALL 10:1 (1:10) SLOPES SHOWN ON THIS DETAIL SHALL BE CONSTRUCTED 10:1 (1:10) OR FLATTER.
- ANY EXISTING DRAINAGE STRUCTURES LOCATED WITHIN THE 80' (24.4 m) WORKING AREA SHALL BE MODIFIED OR LEFT IN PLACE AS SHOWN ON THE PLANS. WHERE THE EXISTING DRAINAGE STRUCTURES ARE TO REMAIN IN PLACE, THE SLOPES ARE TO BE CONSTRUCTED AS SHOWN AS MODIFIED SLOPES ON THIS DETAIL AND AS DIRECTED BY THE ENGINEER.
- THE SLOPES AS SHOWN ON THIS DETAIL SHALL APPLY TO BOTH ENDS OF THE BRIDGE PIERS.
- THE LENGTH X WIDTH OF MODULE LAYOUT IS 41.0' x 7.0' = 19 MODULES - 14,400 LBS. (12.5 m x 2.1 m = 19 MODULES - 6532 kg).
- IN AREAS OF 10:1 (1:10) SLOPES PRECEDING THE ATTENUATOR IN THE MEDIAN INSTALLATION, FOUR WOOD POSTS SHALL BE PLACED AT 5' (1.5 m) INTERVALS IN THE MEDIAN ϕ . SEE SPECIAL PROVISIONS.

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

DISTRICT 5 DETAIL NO. Z0030150B

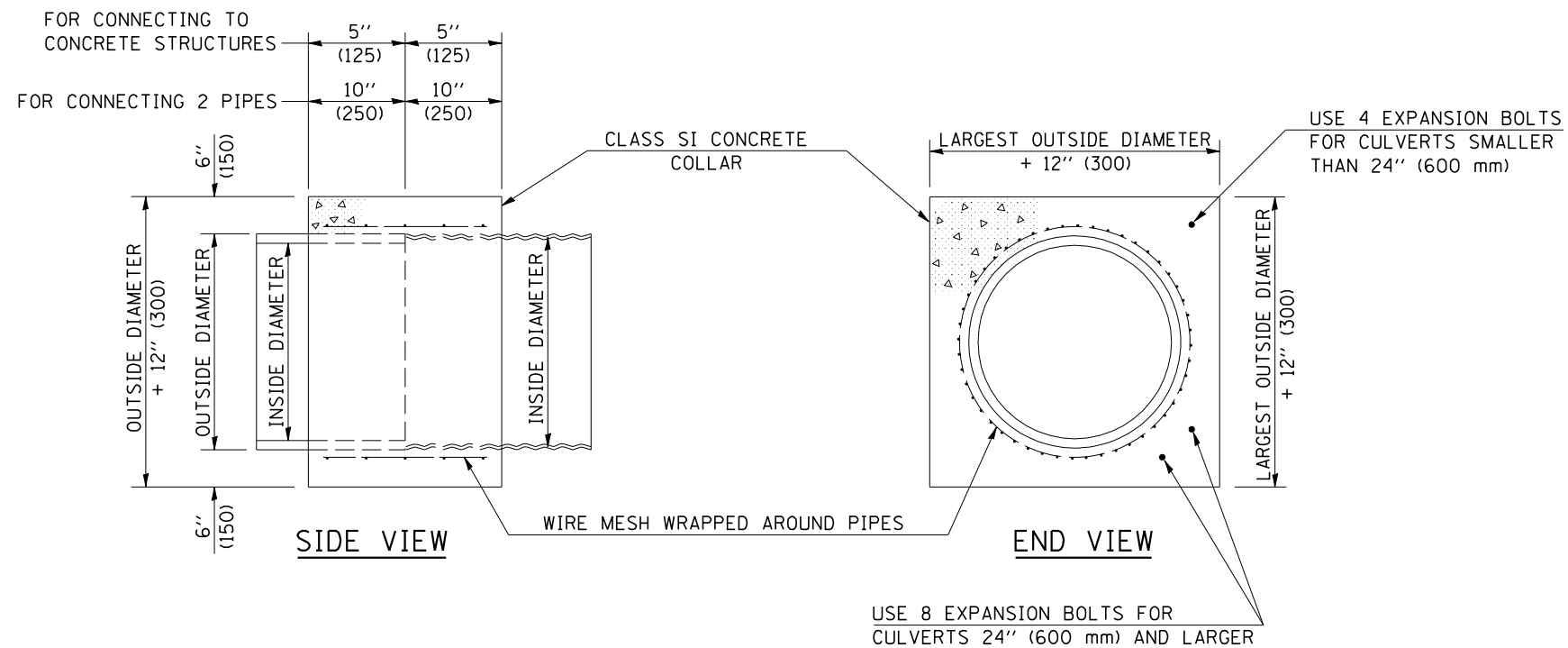
FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED - 11/06
cr:\projects\d501407 (v8)\70643.details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/20/2007	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IMPACT ATTENUATORS (NON-REDIRECTIVE) TEST LEVEL 3

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FYOB HSIP	**	172	77
CONTRACT NO. 70643				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



GENERAL NOTES

1. CLASS SI CONCRETE SHALL BE USED THROUGHOUT.
2. WHEN CONCRETE COLLARS ARE USED TO CONNECT PIPES OF DIFFERENT OUTSIDE DIAMETERS, THE CONCRETE COLLAR SHALL BE FORMED USING THE LARGEST OUTSIDE DIAMETER (SEE END VIEW).
3. THE WIRE MESH SHALL WEIGH NOT LESS THAN 54#/100 SQ. FT. (2.63 kg/m²).
4. WHEN CONCRETE COLLARS ARE CONSTRUCTED ADJACENT TO AN EXISTING CONCRETE STRUCTURE (HEADWALLS, ETC.) EXPANSION BOLTS, SHALL BE USED AND WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, EACH, FOR EXPANSION BOLTS OF THE SIZE SPECIFIED IN THE PLANS.
5. CONCRETE COLLARS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE, PER CUBIC YARD (CUBIC METER), FOR CONCRETE COLLARS INCLUDING ALL MATERIAL AND LABOR SPECIFIED TO COMPLETE THE WORK IN PLACE.

QUANTITIES FOR CONCRETE PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	20" (500 mm) WIDTH CU. YD. (m ³)
4" (100)	0.14 (0.11)
6" (150)	0.16 (0.12)
8" (200)	0.19 (0.14)
10" (250)	0.22 (0.17)
12" (300)	0.25 (0.19)
15" (375)	0.30 (0.23)
18" (450)	0.35 (0.27)
24" (600)	0.45 (0.35)
30" (750)	0.57 (0.43)
36" (900)	0.69 (0.53)
42" (1050)	0.83 (0.63)
48" (1200)	0.97 (0.74)
54" (1350)	1.12 (0.86)
60" (1500)	1.28 (0.98)

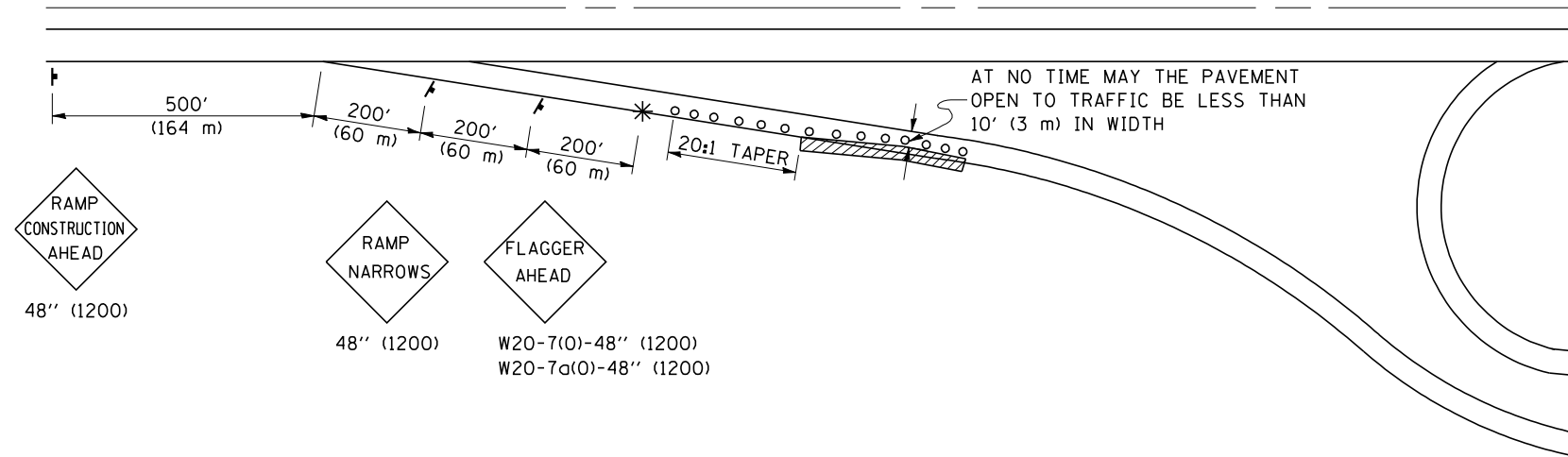
QUANTITIES FOR METAL PIPES	
INSIDE DIAMETER OF PIPE	ESTIMATED CLASS SI CONCRETE REQUIRED
INCH (mm)	20" (500 mm) WIDTH CU. YD. (m ³)
4" (100)	0.12 (0.09)
6" (150)	0.14 (0.11)
8" (200)	0.16 (0.12)
10" (250)	0.19 (0.14)
12" (300)	0.21 (0.16)
15" (375)	0.25 (0.19)
18" (450)	0.29 (0.22)
24" (600)	0.38 (0.29)
30" (750)	0.47 (0.36)
36" (900)	0.59 (0.45)
42" (1050)	0.69 (0.53)
48" (1200)	0.81 (0.62)
54" (1350)	0.93 (0.71)
60" (1500)	1.05 (0.81)

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

DISTRICT 5 DETAIL NO. 54248510

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED - 12/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CONCRETE COLLAR			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\projects\d501407 (v8)\70643.details.dgn		DRAWN -	REVISED -		74	FY08HSIP	**	172	78			
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -		CONTRACT NO. 70643							
	PLOT DATE = 12/20/2007	DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT	

**APPLICATION NO. 1
DAY OPERATION ONLY
PARTIAL RAMP CLOSURE**



GENERAL NOTES

CONSTRUCTION OPERATIONS SHALL BE CONFINED TO AN AREA NARROW ENOUGH THAT A MINIMUM OF 10' (3 m) OF PAVEMENT SHALL BE OPEN TO TRAFFIC AT ALL TIMES.

FULL WIDTH PAVEMENT ON THE RAMPS SHALL BE OPEN TO TRAFFIC AT NIGHT.

WHEN NO WORK IS BEING PERFORMED, THE FLAGGER WILL NOT BE REQUIRED. IF THE FLAGGER IS NOT PRESENT, THE FLAGGER SIGNS SHALL BE REMOVED OR COVERED.

ALL SIGNS SHALL BE POST MOUNTED IF WORK IN THE AREA EXCEEDS FOUR DAYS OF DAYTIME OPERATIONS.

LONGITUDINAL DIMENSIONS MAY BE ADJUSTED SLIGHTLY TO FIT FIELD CONDITIONS.

ALL VEHICLES, EQUIPMENT, WORKERS (EXCEPT FLAGGER) AND THEIR ACTIVITIES ARE RESTRICTED AT ALL TIMES TO ONE SIDE OF THE PAVEMENT UNLESS OTHERWISE AUTHORIZED BY THE DISTRICT ENGINEER.

SYMBOLS

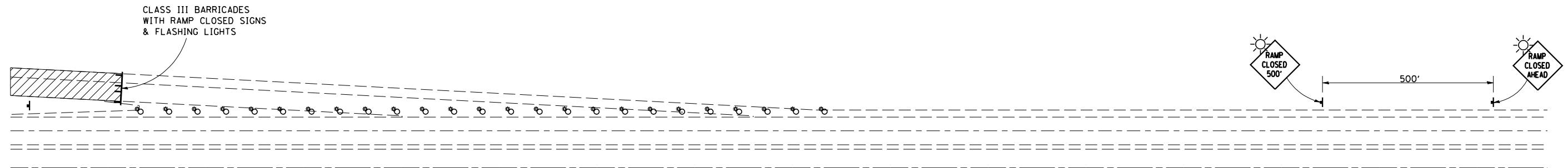
- (APPLICATION NO. 1) TYPE I OR II BARRICADES OR DRUMS @ 50' (15 m) CTS.
- ◐ (APPLICATION NO. 2) TYPE I OR II BARRICADES OR DRUMS @ 25' (7.5 m) CTS. W/STEADY BURNING LIGHTS
- * (APPLICATION NO. 1) FLAGGER PLACED AS DIRECTED BY THE ENGINEER
- † SIGN ON PORTABLE OR PERMANENT SUPPORT
- ▨ WORK AREA

TYPICAL APPLICATIONS

- PAVEMENT PATCHING
- PIPE UNDERDRAINS
- HMA RESURFACING

Traffic Control for all ramps shall be in accordance with the appropriate application of plan detail TRAFFIC CONTROL FOR RAMPS and will not be paid for separately, but shall be included in the contract lump sum prices for Traffic Control and Protection, Standard 701401 and Traffic Control and Protection, Standard 701406.

**APPLICATION NO. 2
RAMP CLOSURE**



GENERAL NOTES

STEADY BURN LIGHTS ARE NOT REQUIRED FOR DAYTIME OPERATIONS.

CONTACT THE DISTRICT TRAFFIC OPERATIONS ENGINEER AT 217-465-4181, ONE WEEK PRIOR TO CLOSING THE RAMP.

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

FILE NAME =	USER NAME = collierbw	DESIGNED -	REVISED - 11/06
ct:\projects\d501407 (v8)\70643.details.dgn		DRAWN -	REVISED -
	PLOT SCALE = 40.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = 12/20/2007	DATE -	REVISED -

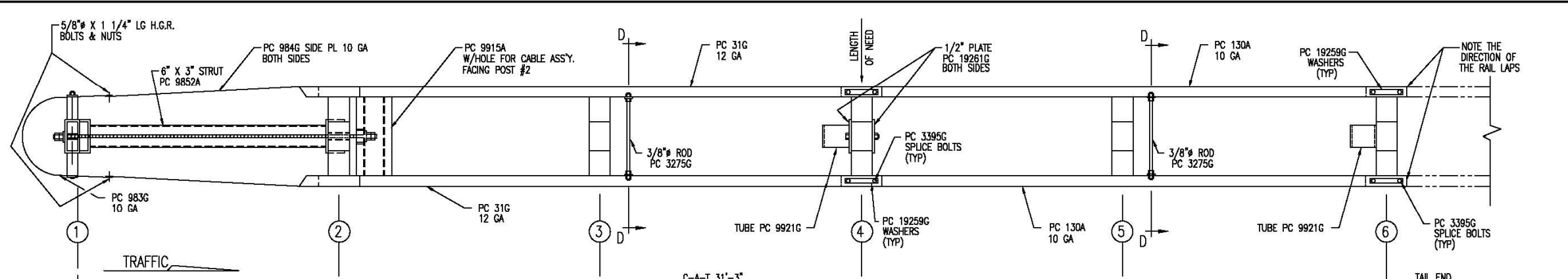
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL FOR RAMPS

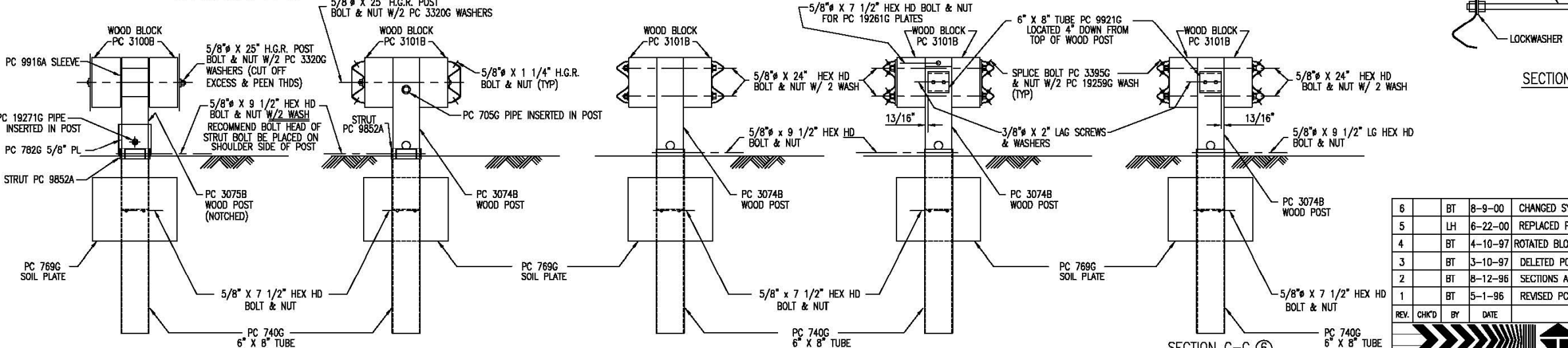
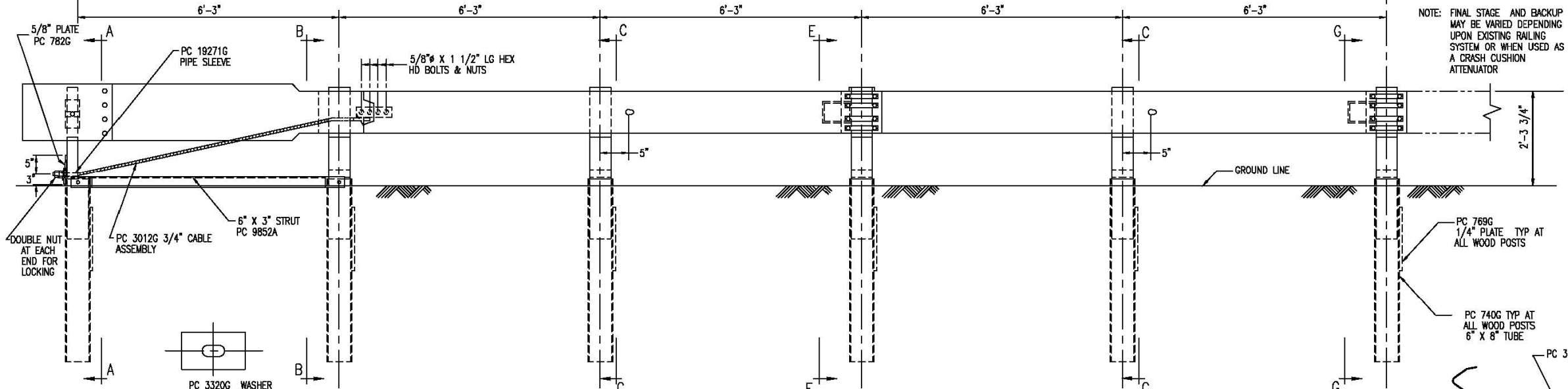
SCALE: SHEET NO. OF SHEETS STA. TO STA.

DISTRICT 5 DETAIL NO. 70103710

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	79
CONTRACT NO. 70643				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				



C-A-T BILL OF MATERIAL		
PRODUCT CODE	QTY	DESCRIPTION
31G	2	12/12/6/0 (GUARDRAIL)
130A	2	10/12/8/5/10/8/8/SP CAT (GUARDRAIL)
705G	1	2" x 5 1/2" PIPE
740G	6	4/8 TUBE SLEEVE
769G	6	1/4 x 18 x 24 SOIL PLATE
782G	1	5/8" x 8" x 8" BEARING PLATE
983G	1	10/NOSE PLATE/CAT/ROLLED
984G	2	10/SIDE PLATE CAT
3012G	1	CABLE 3/4 x 80/DBL SWG
3074B	5	WD 3/6 POST #2, 3, 4, 5, 6 CAT
3075B	1	WD 3/6 POST #1 CAT
3100B	2	WD BLOCK 1/2 #1 CAT
3101B	10	WD BLOCK 1/2 #2-6 CAT
3255G	4	3/8" FLAT WASHER
3263G	4	3/8" x 2" LAG SCREW
3275G	2	3/8" x 24 1/2" RESTRAINT ROD
3300G	20	5/8" FLAT WASHER
3320G	4	3/16" x 1 3/4" x 3" RECT WASHER
3340G	85	5/8" G.R. NUT
3360G	18	5/8" x 1 1/4" G.R. BOLT
3380G	8	5/8" x 1 1/2" HEX BOLT
3395G	32	5/8" x 1 3/4" HEX BOLT CAT
3478G	13	5/8" x 7 1/2" HEX BOLT
3497G	6	5/8" x 9 1/2" HEX BOLT
3650G	2	5/8" x 25" G.R. BOLT
3900G	2	1" FLAT WASHER
3910G	4	1" HEX NUT
4252G	8	3/8" HEX NUT
4258G	4	3/8" LOCK WASHER
4640G	8	5/8" x 24" HEX BOLT
9852A	1	CHANNEL STRUT x 6'-6"
9915A	1	SPACER CHANNEL CAT
9916A	1	10/BENT PLATE SLEEVE
9921G	2	6" SLEEVE 6 x 8
19259G	32	3/16" x 2" x 10" PLATE WASHER
19261G	2	1/2 x 3 x 7 POST PLATE
19271G	1	1" x 2 1/2" PIPE SLEEVE CAT



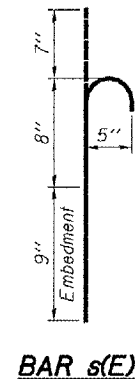
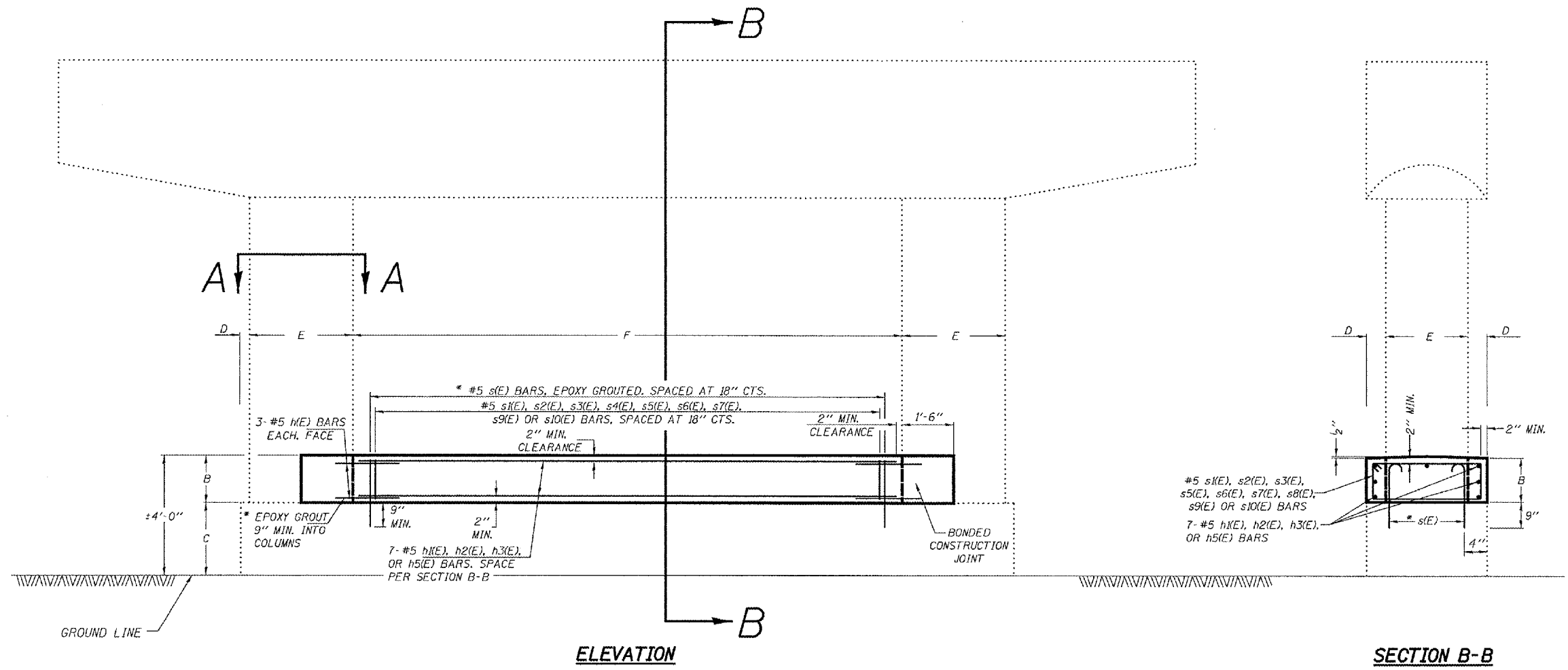
REV.	CHK'D	BY	DATE	REMARKS
6	BT	8-9-00		CHANGED SYSTEM HEIGHT, WAS 2'-3"
5	LH	6-22-00		REPLACED PC 766 WITH PC 769, CHANGED TITLE BLOCK
4	BT	4-10-97		ROTATED BLOCK PC 9921 90° AT POST 4 & 6
3	BT	3-10-97		DELETED PC 3072, 3073, 4470, CHG QTY 3074 & 3478
2	BT	8-12-96		SECTIONS A-A & B-B, CORRECTED PIPE SLEEVE PC No
1	BT	5-1-96		REVISED PC No 31G & 130A

C-A-T

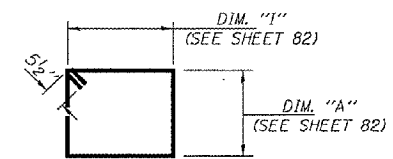
CRASH-CUSHION ATTENUATING TERMINAL
PLAN, ELEVATION & SECTIONS FOR USE
AS A LONGITUDINAL MEDIAN BARRIER TERMINAL
OR CRASH CUSHION ATTENUATOR

TRINITY INDUSTRIES, INC.
HIGHWAY SAFETY PRODUCTS
2525 STEMMONS FREEWAY, DALLAS, TX 75207

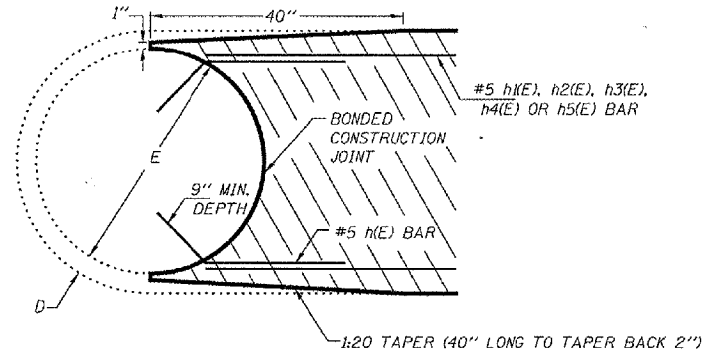
DRAWN	BT
CHECKED	EN
SCALE	N.T.S.
DATE	7-15-94
ENG. FILE #	SS245-01E
SHT.No.	E1 OF 1
DRAWING NO.	SS-245
REV.	6



BAR s(E)

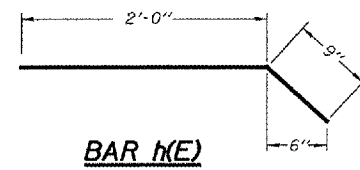


BARS
s1(E), s2(E), s3(E),
s4(E), s5(E), s6(E),
s7(E), s9(E) OR s10(E)



SECTION A-A

SEE SHEET #82 FOR BILL OF MATERIALS



BAR h(E)

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED UPON THE UNIT PRICE BID FOR THE WORK.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE STRUCTURES.

THE COST OF EPOXY GROUTING THREADED RODS SHALL BE INCLUDED WITH REINFORCEMENT BARS (EPOXY COATED).

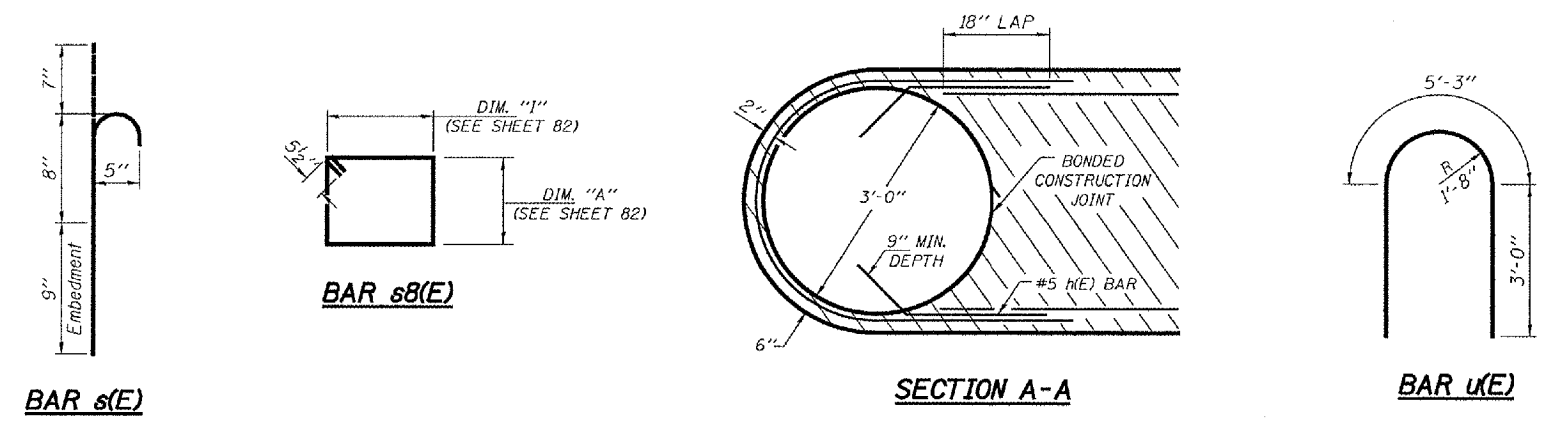
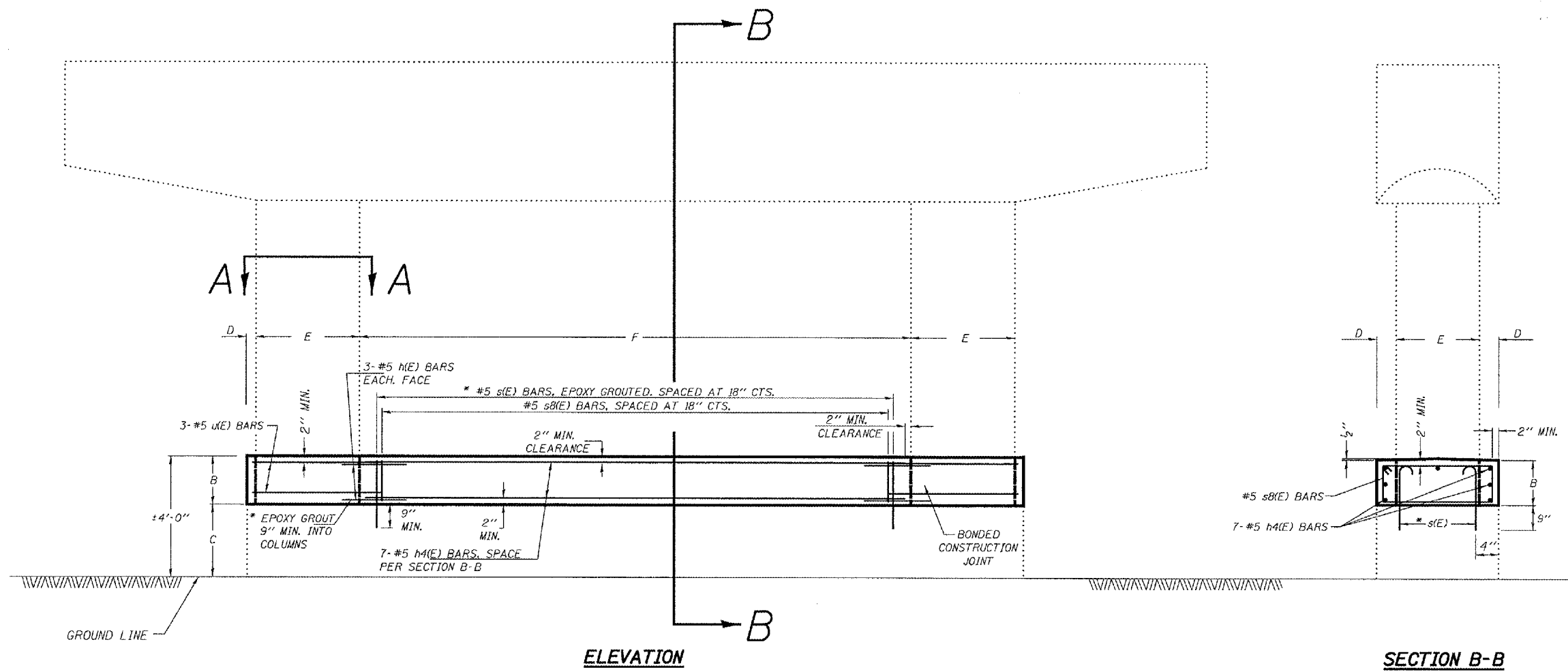
REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 OR 6011L MODIFIED).

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

* EPOXY GROUT BARS IN 9" MIN. HOLES ACCORDING TO ARTICLE 584 OF THE STANDARD SPECIFICATIONS.

FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TAPERED CRASHWALL EXTENSION (TWO CIRCULAR COLUMN PIER)			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#	PLOT SCALE = #SCALE#	DRAWN -	REVISED -					74	FY08HSIP	**	172	81
	PLOT DATE = #DATE#	CHECKED -	REVISED -		CONTRACT NO. 70643			ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.					

** CHAMPAIGN & VERMILION



GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED UPON THE UNIT PRICE BID FOR THE WORK.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE STRUCTURES.

THE COST OF EPOXY GROUTING THREADED RODS SHALL BE INCLUDED WITH REINFORCEMENT BARS (EPOXY COATED).

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 OR 6011L MODIFIED).

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

* EPOXY GROUT BARS IN 9" MIN. HOLES ACCORDING TO ARTICLE 584 OF THE STANDARD SPECIFICATIONS.

SEE SHEET #82 FOR BILL OF MATERIALS

FILE NAME =	USER NAME = @USER@	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CRASHWALL EXTENSION (TWO CIRCULAR COLUMN PIER)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL#	PLOT SCALE = \$SCALE#	DRAWN -	REVISED -			74	FY08HSIP	**	172	81A	
	PLOT DATE = \$DATE#	CHECKED -	REVISED -			CONTRACT NO. 70643					
		DATE -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

** CHAMPAIGN & VERMILION

CRASHWALL EXTENSION (TWO CIRCULAR COLUMN PIERS)

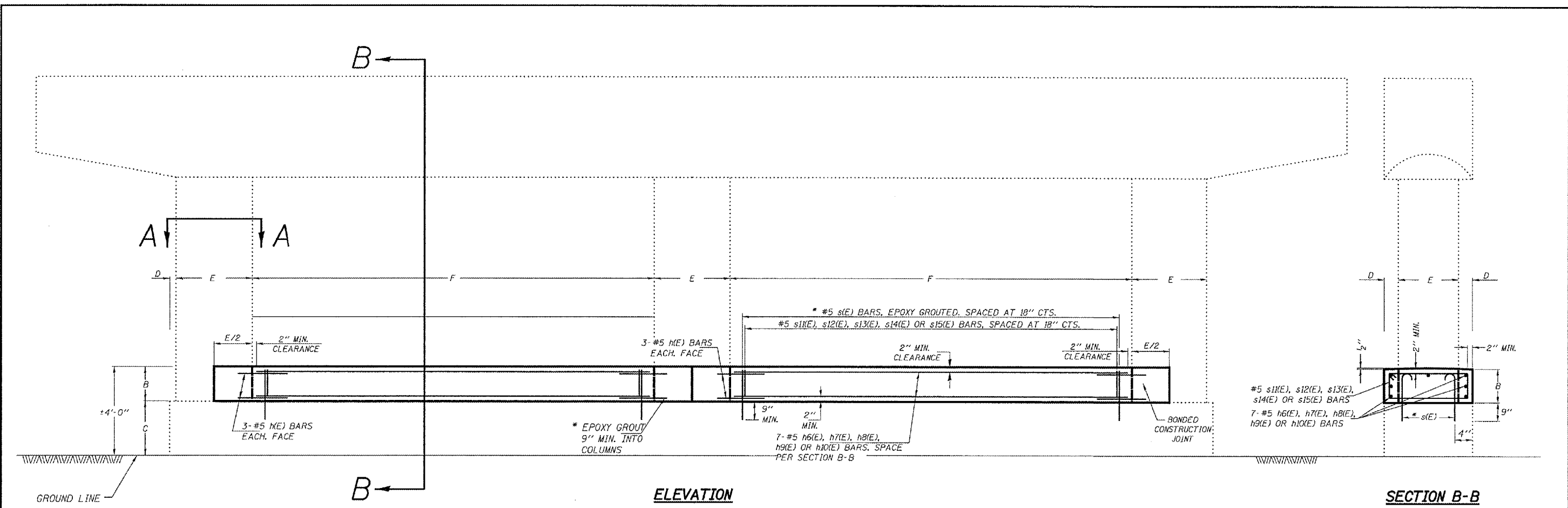
CONCRETE STRUCTURES																															
STRUCTURE STATION	DIMENSION					(CU YD)	BAR	QTY	SIZE	LENGTH	SHAPE	LBS	BAR	QTY	SIZE	LENGTH	LBS	BAR	QTY	SIZE	LENGTH	SHAPE	LBS	BAR	QTY	SIZE	A	I	LENGTH	SHAPE	LBS
	B (FT)	C (FT)	D (FT)	E (FT)	F (FT)																										
* 010-0182 832+31.50	1'-4"	2'-8"	0'-3"	3'-0"	16'-0"	8.67	h(E)	36	#5	2'-9"		103.3	h1(E)	21	#5	15'-8"	343.2	s(E)	66	#5	2'-0"		137.7	s1(E)	33	#5	1'-0"	3'-2"	9'-3"		318.4
* 010-0183 901+29.00	1'-10"	2'-2"	0'-3"	3'-0"	16'-0"	11.91	h(E)	36	#5	2'-9"		103.3	h1(E)	21	#5	15'-8"	343.2	s(E)	66	#5	2'-0"		137.7	s2(E)	33	#5	1'-6"	3'-2"	10'-3"		352.8
* 092-0146 1107+32.00	1'-9"	2'-3"	0'-3"	3'-0"	16'-8"	11.82	h(E)	36	#5	2'-9"		103.3	h2(E)	21	#5	16'-4"	357.8	s(E)	72	#5	2'-0"		150.2	s3(E)	36	#5	1'-5"	3'-2"	10'-1"		378.6
* 092-0152 1241+21.59	1'-7"	2'-5"	0'-3"	3'-0"	18'-2"	11.64	h(E)	36	#5	2'-9"		103.3	h3(E)	21	#5	17'-10"	390.6	s(E)	78	#5	2'-0"		162.7	s4(E)	39	#5	1'-3"	3'-2"	9'-9"		396.6
* 092-0115 1320+69.30	1'-10"	2'-2"	0'-3"	3'-0"	18'-2"	13.47	h(E)	36	#5	2'-9"		103.3	h3(E)	21	#5	17'-10"	390.6	s(E)	78	#5	2'-0"		162.7	s2(E)	39	#5	1'-6"	3'-2"	10'-3"		416.9
* 092-0148 1413+64.00	1'-6"	2'-6"	0'-3"	3'-0"	16'-0"	9.75	h(E)	36	#5	2'-9"		103.3	h1(E)	21	#5	15'-8"	343.2	s(E)	66	#5	2'-0"		137.7	s5(E)	33	#5	1'-2"	3'-2"	9'-7"		329.8
* 092-0075 1507+04.00	1'-0"	3'-9"	0'-3"	3'-0"	18'-2"	7.35	h(E)	36	#5	2'-9"		103.3	h3(E)	21	#5	17'-10"	390.6	s(E)	78	#5	2'-0"		162.7	s6(E)	39	#5	8"	3'-2"	8'-7"		349.1
* 092-0125 1575+78.68	0'-9"	3'-3"	0'-3"	3'-0"	16'-0"	4.89	h(E)	36	#5	2'-9"		103.3	h1(E)	21	#5	15'-8"	343.2	s(E)	66	#5	2'-0"		137.7	s7(E)	33	#5	5"	3'-2"	8'-1"		278.2
** 092-0127 1647+79.00	1'-5"	2'-7"	0'-6"	3'-0"	18'-0"	10.32	h(E)	36	#5	2'-9"		103.3	h4(E)	21	#5	17'-8"	387.0	s(E)	72	#5	2'-0"		150.2	s8(E)	36	#5	1'-1"	3'-8"	10'-5"		391.1
* 092-0128 1826+70.03	1'-8"	2'-4"	0'-3"	2'-6"	15'-8"	10.83	h(E)	36	#5	2'-9"		103.3	h1(E)	21	#5	15'-4"	335.8	s(E)	66	#5	2'-0"		137.7	s9(E)	33	#5	1'-4"	2'-8"	8'-11"		306.9
* 092-0151 2140+25.83	1'-11"	2'-1"	0'-3"	2'-6"	17'-8"	13.71	h(E)	36	#5	2'-9"		103.3	h5(E)	21	#5	17'-4"	379.7	s(E)	72	#5	2'-0"		150.2	s10(E)	36	#5	1'-7"	2'-8"	9'-5"		353.6
CONCRETE STRUCTURES =						114.3	LBS =					1136.3	LBS =					4004.9	LBS =					1627.2	LBS =					3872.0	

STRUCTURE	BAR	QTY	SIZE	LENGTH	SHAPE	LBS
** 092-0127	u(E)	6	#5	11'-3"		70.4
LBS =						70.4
REINFORCEMENT BARS (EPOXY COATED) =						10711.1

NOTE:
WORK TO BE DONE TO ALL PIERS AT EACH STRUCTURE.

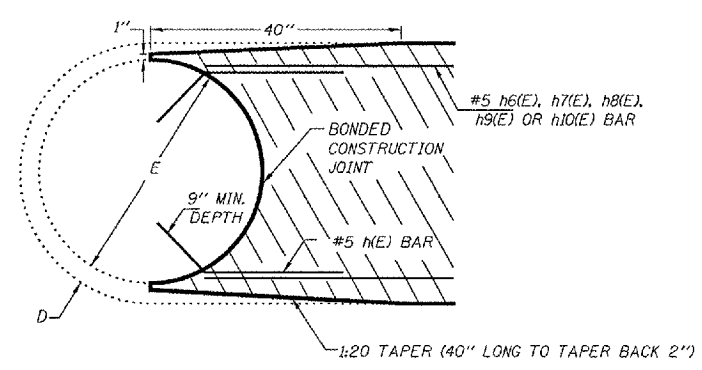
* WORK WITH SHEET 81
** WORK WITH SHEET 81A

** CHAMPAIGN & VERMILION

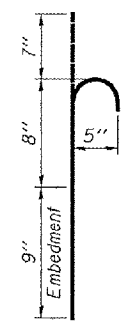


ELEVATION

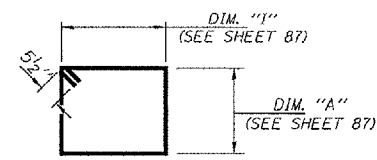
SECTION B-B



SECTION A-A



BAR s(E)



**BARS
s11(E), s12(E),
s13(E), s14(E) OR s15(E)**

SEE SHEET #87 FOR BILL OF MATERIALS

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED UPON THE UNIT PRICE BID FOR THE WORK.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE STRUCTURES.

THE COST OF EPOXY GROUTING THREADED RODS SHALL BE INCLUDED WITH REINFORCEMENT BARS (EPOXY COATED).

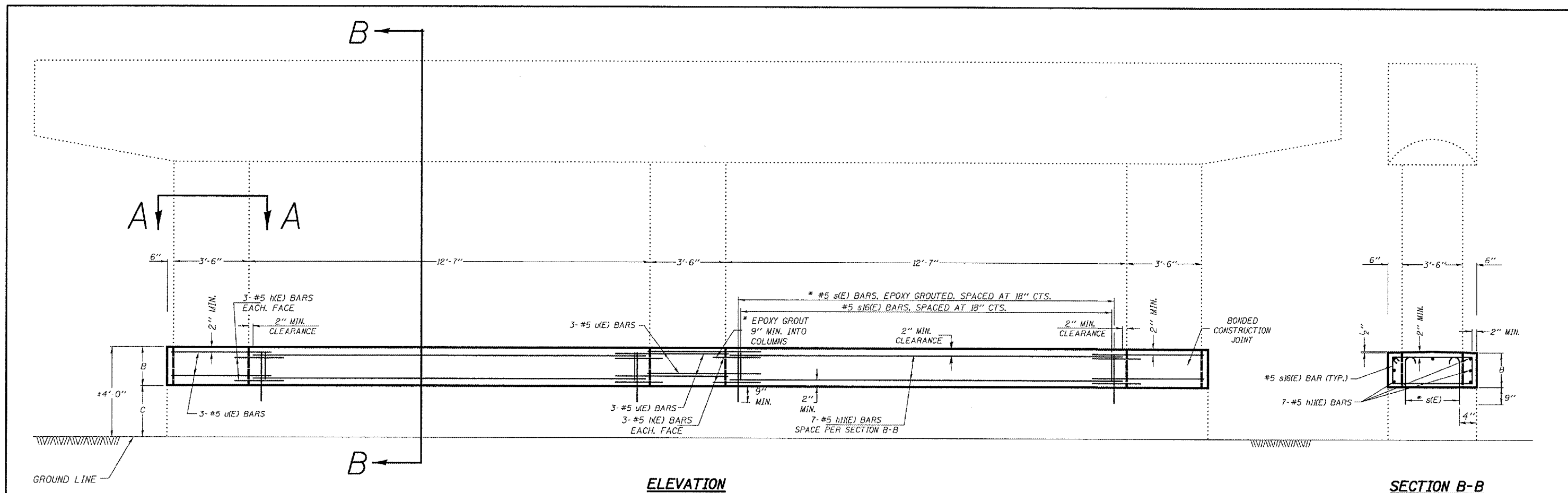
REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 OR 6011 MODIFIED.

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

* EPOXY GROUT BARS IN 9" MIN. HOLES ACCORDING TO ARTICLE 584 OF THE STANDARD SPECIFICATIONS.

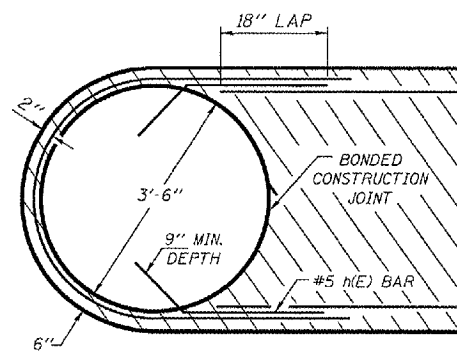
FILE NAME =	USER NAME = #USER#	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TAPERED CRASHWALL EXTENSION (THREE CIRCULAR COLUMN PIER)			F.A.I. RTE. 74	SECTION FY08HSIP	COUNTY **	TOTAL SHEETS 172	SHEET NO. 83
#FILE#	PLLOT SCALE = #SCALE#	DRAWN -	REVISED -					SCALE: SHEET NO. OF SHEETS STA. TO STA.			CONTRACT NO. 70643	
	PLLOT DATE = #DATE#	CHECKED -	REVISED -					ILLINOIS FED. AID PROJECT				
		DATE -	REVISED -									

** CHAMPAIGN & VERMILION

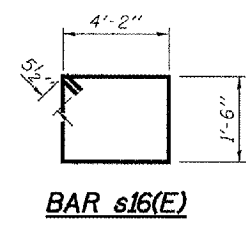


ELEVATION

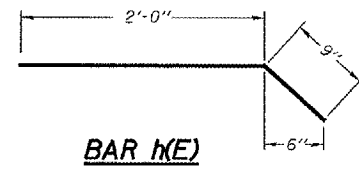
SECTION B-B



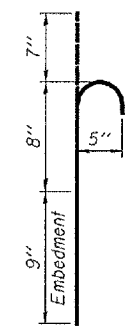
SECTION A-A



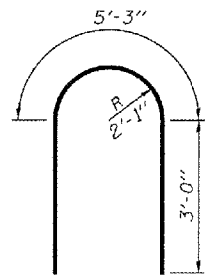
BAR s16(E)



BAR (E)



BAR s(E)



BAR u(E)

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED UPON THE UNIT PRICE BID FOR THE WORK.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE STRUCTURES.

THE COST OF EPOXY GROUTING THREADED RODS SHALL BE INCLUDED WITH REINFORCEMENT BARS (EPOXY COATED).

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 OR 6011L MODIFIED.

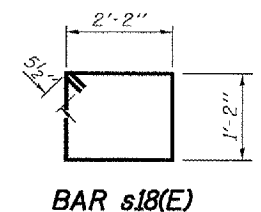
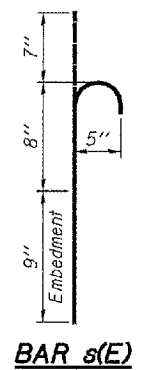
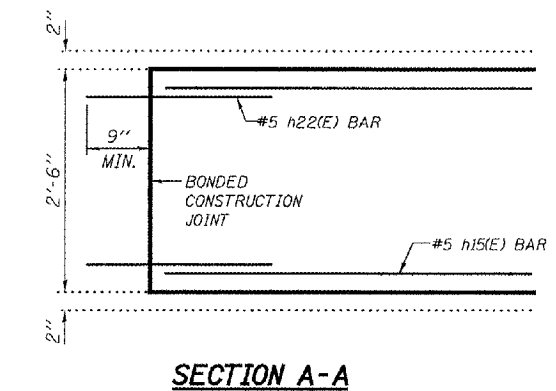
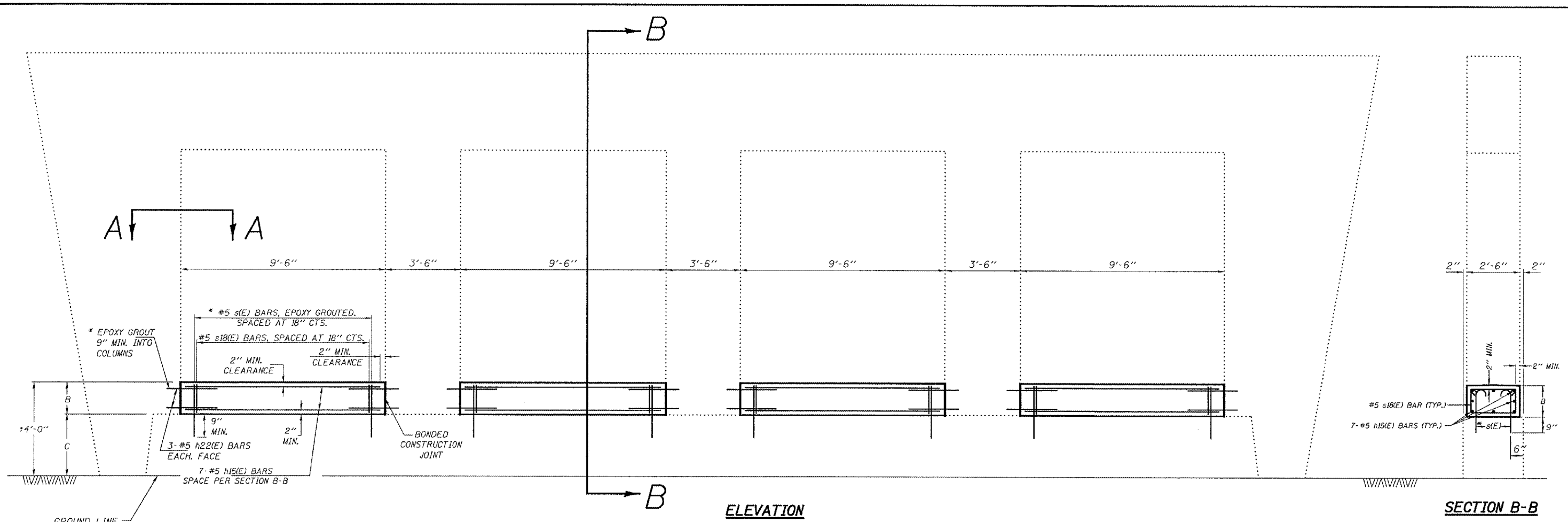
REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

* EPOXY GROUT BARS IN 9" MIN. HOLES ACCORDING TO ARTICLE 584 OF THE STANDARD SPECIFICATIONS.

SEE SHEET #87 FOR BILL OF MATERIALS

FILE NAME =	USER NAME = #USERS	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CRASHWALL EXTENSION (THREE CIRCULAR COLUMN PIER)	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
#FILEL#		DRAWN -	REVISED -			74	FYOBHSIP	**	172	84
	PLOT SCALE = #SCALE#	CHECKED -	REVISED -			CONTRACT NO. 70643				
	PLOT DATE = #DATES	DATE -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT

•• CHAMPAIGN & VERMILION



GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED UPON THE UNIT PRICE BID FOR THE WORK.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE STRUCTURES.

THE COST OF EPOXY GROUTING THREADED RODS SHALL BE INCLUDED WITH REINFORCEMENT BARS (EPOXY COATED).

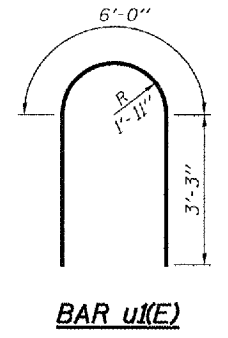
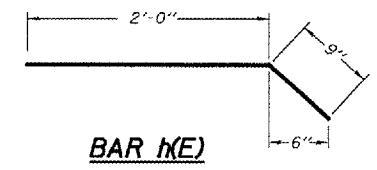
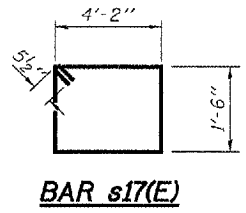
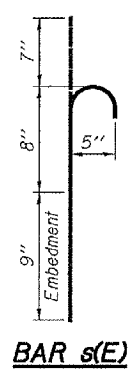
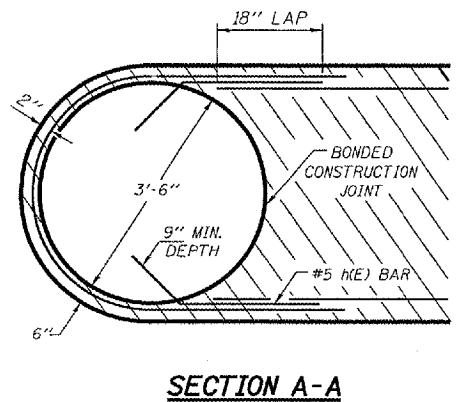
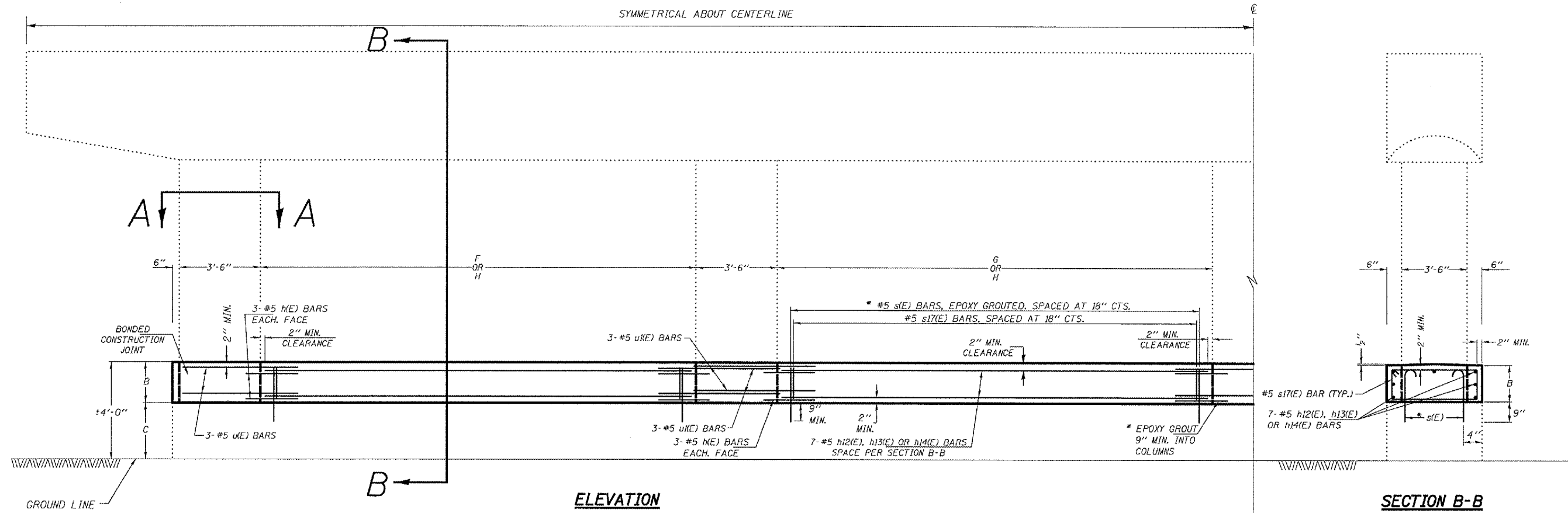
REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 OR 601(L MODIFIED).

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

* EPOXY GROUT BARS IN 9" MIN. HOLES ACCORDING TO ARTICLE 584 OF THE STANDARD SPECIFICATIONS.

CRASHWALL EXTENSION (TRAPEZOIDAL PIER)																												
STRUCTURE		DIMENSION		CONCRETE	STRUCTURES				STRUCTURES				STRUCTURES															
STATION	LOC.	B (FT)	C (FT)	(CU YD)	BAR	QTY	SIZE	LENGTH	LBS	BAR	QTY	SIZE	LENGTH	LBS	BAR	QTY	SIZE	LENGTH	SHAPE	LBS	BAR	QTY	SIZE	LENGTH	SHAPE	LBS		
092-0198	MED	1'-6"	2'-6"	5.3	h15(E)	28	#5	9'-2"	267.7	h22(E)	48	#5	2'-9"	137.7	s(E)	56	#5	2'-0"	U	116.8	s18(E)	28	#5	7'-7"	□	221.5		
2010+38.49																												
				CONCRETE STRUCTURES =					LBS =	267.7					LBS =	137.7					LBS =	116.8					LBS =	221.5
																								REINFORCEMENT BARS (EPOXY COATED) =	743.7			

NOTE: MED INDICATES MEDIAN PIER.



GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED UPON THE UNIT PRICE BID FOR THE WORK.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE STRUCTURES.

THE COST OF EPOXY GROUTING THREADED RODS SHALL BE INCLUDED WITH REINFORCEMENT BARS (EPOXY COATED).

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 OR 6011 (MODIFIED).

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

* EPOXY GROUT BARS IN 9" MIN. HOLES ACCORDING TO ARTICLE 584 OF THE STANDARD SPECIFICATIONS.

SEE SHEET #87 FOR BILL OF MATERIALS

FILE NAME =	USER NAME = #USERS	DESIGNED -	REVISED - 11/06	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CRASHWALL EXTENSION (FIVE CIRCULAR COLUMN PIER)			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
#FILEL*		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	74	FY08HSIP	**	172 86
		CHECKED -	REVISED -		CONTRACT NO. 70643								
		DATE -	REVISED -		FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT								

** CHAMPAIGN & VERMILION

TAPERED CRASHWALL EXTENSION (THREE CIRCULAR COLUMN PIER) (WORK WITH SHEET 83)

STRUCTURE		DIMENSION					CONCRETE STRUCTURES	BAR				BAR				BAR				BAR												
STATION		B (FT)	C (FT)	D (FT)	E (FT)	F (FT)	(CU YD)	BAR	QTY	SIZE	LENGTH	SHAPE	LBS	BAR	QTY	SIZE	LENGTH	LBS	BAR	QTY	SIZE	LENGTH	SHAPE	LBS	BAR	QTY	SIZE	A	I	LENGTH	SHAPE	LBS
092-0099		1'-8"	2'-4"	0'-3"	2'-6"	10'-5"	12.45	h(E)	72	#5	2'-9"		206.5	h6(E)	42	#5	10'-1"	441.7	s(E)	84	#5	2'-0"		175.2	s11(E)	42	#5	1'-4"	2'-8"	8'-11"		390.6
092-0126		1'-9"	2'-3"	0'-3"	2'-6"	9'-2"	10.96	h(E)	72	#5	2'-9"		206.5	h7(E)	42	#5	8'-10"	387.0	s(E)	72	#5	2'-0"		150.2	s12(E)	36	#5	1'-5"	2'-8"	9'-1"		341.1
092-0087	MED	1'-11"	2'-1"	0'-2"	2'-2"	16'-6"	6.03	h(E)	24	#5	2'-9"		68.8	h8(E)	14	#5	16'-2"	236.1	s(E)	44	#5	2'-0"		91.8	s13(E)	22	#5	1'-7"	2'-2"	8'-5"		193.1
1917+83.25	EB	1'-11"	2'-1"	0'-2"	2'-2"	16'-6"	6.03	h(E)	24	#5	2'-9"		68.8	h8(E)	14	#5	16'-2"	236.1	s(E)	44	#5	2'-0"		91.8	s13(E)	22	#5	1'-7"	2'-2"	8'-5"		193.1
092-0129		1'-11"	2'-1"	0'-3"	2'-6"	9'-3"	14.43	h(E)	72	#5	2'-9"		206.5	h9(E)	42	#5	8'-11"	390.6	s(E)	84	#5	2'-0"		175.2	s14(E)	42	#5	1'-7"	2'-8"	9'-5"		412.5
092-0084	WB	1'-6"	2'-6"	0'-3"	2'-6"	9'-6"	3.4	h(E)	24	#5	2'-9"		68.8	h10(E)	14	#5	9'-2"	133.9	s(E)	28	#5	2'-0"		58.4	s15(E)	14	#5	1'-2"	2'-8"	8'-7"		125.3
2001+44.74	MED	1'-6"	2'-6"	0'-3"	2'-6"	9'-6"	3.4	h(E)	24	#5	2'-9"		68.8	h10(E)	14	#5	9'-2"	133.9	s(E)	28	#5	2'-0"		58.4	s15(E)	14	#5	1'-2"	2'-8"	8'-7"		125.3
	EB	1'-6"	2'-6"	0'-3"	2'-6"	9'-6"	3.4	h(E)	24	#5	2'-9"		68.8	h10(E)	14	#5	9'-2"	133.9	s(E)	28	#5	2'-0"		58.4	s15(E)	14	#5	1'-2"	2'-8"	8'-7"		125.3
CONCRETE STRUCTURES =							61.1	LBS =				963.5	LBS =				2093.2	LBS =				859.4	LBS =				1906.3	REINFORCEMENT BARS (EPOXY COATED) =				5822.4

CRASHWALL EXTENSION (THREE CIRCULAR COLUMN PIER) (WORK WITH SHEET 84)

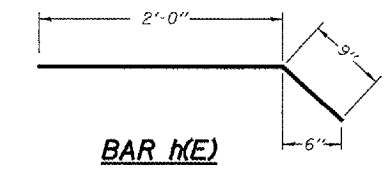
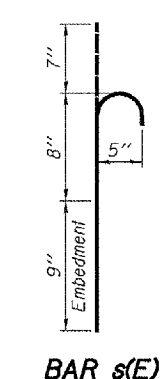
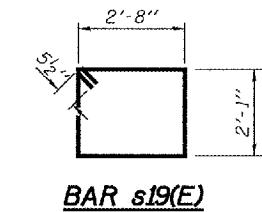
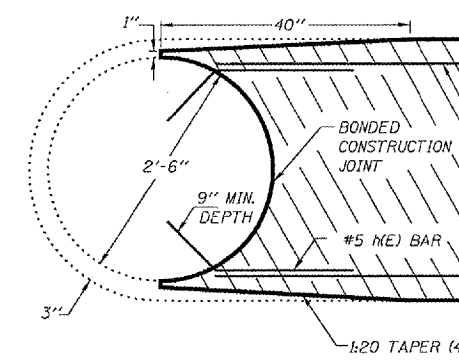
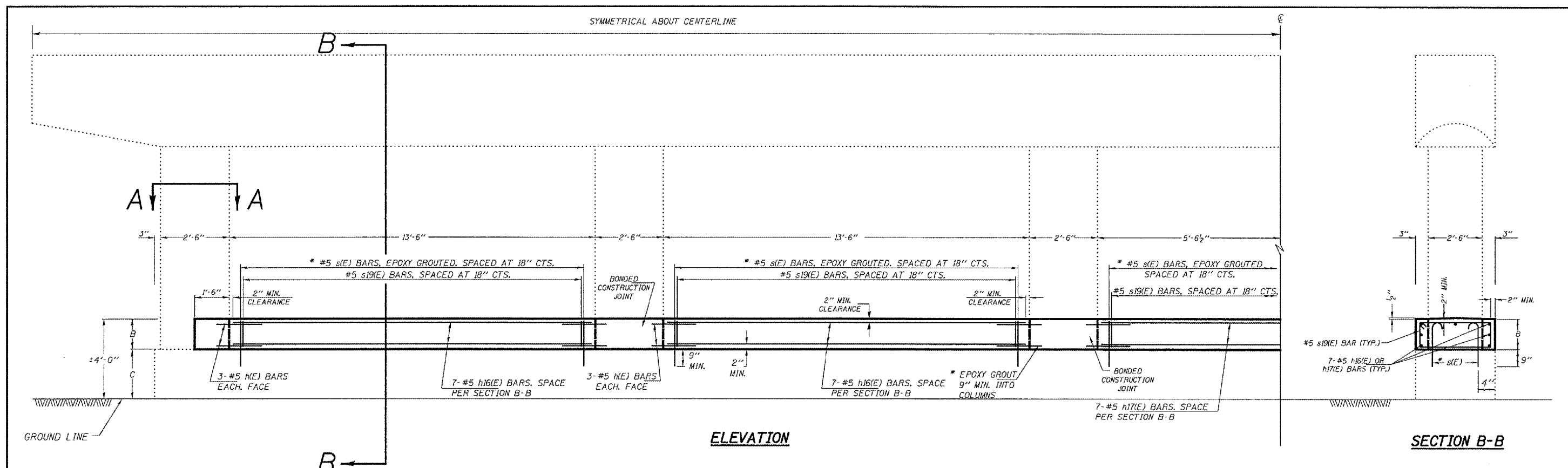
STRUCTURE		DIMENSION		CONCRETE STRUCTURES	BAR				BAR				BAR				BAR										
STATION		B (FT)	C (FT)	(CU YD)	BAR	QTY	SIZE	LENGTH	SHAPE	LBS	BAR	QTY	SIZE	LENGTH	LBS	BAR	QTY	SIZE	LENGTH	SHAPE	LBS	BAR	QTY	SIZE	LENGTH	SHAPE	LBS
010-0089		1'-10"	2'-2"	24.3	h(E)	72	#5	2'-9"		206.5	h11(E)	42	#5	12'-3"	536.6	s(E)	108	#5	2'-0"		225.3	s16(E)	54	#5	12'-3"		689.9
CONCRETE STRUCTURES =				24.3	LBS =				206.5	LBS =				536.6	LBS =				225.3	LBS =				689.9			
					u(E)	36	#5	12'-7"		472.5	LBS =				472.5	REINFORCEMENT BARS (EPOXY COATED) =				2130.8							

CRASHWALL EXTENSION (FIVE CIRCULAR COLUMN PIER) (WORK WITH SHEET 86)

STRUCTURE		DIMENSION					CONCRETE STRUCTURES	BAR				LOCATION				BAR				BAR													
STATION		B (FT)	C (FT)	F (FT)	G (FT)	H (FT)	(CU YD)	BAR	QTY	SIZE	LENGTH	SHAPE	LBS	LOCATION	BAR	QTY	SIZE	LENGTH	LBS	LOCATION	BAR	QTY	SIZE	LENGTH	SHAPE	LBS	BAR	QTY	SIZE	LENGTH	SHAPE	LBS	
092-0051		1'-10"	2'-2"	10'-3"	11'-2"	9'-3"	128.7	h(E)	144	#5	2'-9"		413.0	F	h12(E)	63	#5	9'-11"	651.6	G	h13(E)	63	#5	10'-10"	679.0	H	h14(E)	126	#5	8'-11"	1171.8		
CONCRETE STRUCTURES =							128.7	LBS =				413.0	LBS =				2502.4																
								F	s(E)	126	#5	2'-0"		262.8	F	s17(E)	63	#5	12'-3"	804.9	G	s17(E)	72	#5	12'-3"		919.9	H	s17(E)	126	#5	12'-3"	1609.9
								G	s(E)	144	#5	2'-0"		300.4	LBS =				3334.7	LBS =				2816.1	REINFORCEMENT BARS (EPOXY COATED) =				10155.1				
								H	s(E)	252	#5	2'-0"		525.7	LBS =				1088.9	LBS =				3334.7	LBS =				2816.1				

NOTE:
WORK TO BE DONE TO ALL PIERS AT EACH STRUCTURE EXCEPT AS NOTED.

MED INDICATES MEDIAN PIER.
EB INDICATES EAST BOUND PIER.



GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED UPON THE UNIT PRICE BID FOR THE WORK.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE STRUCTURES.

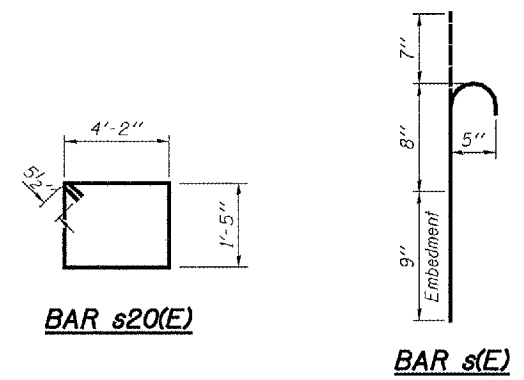
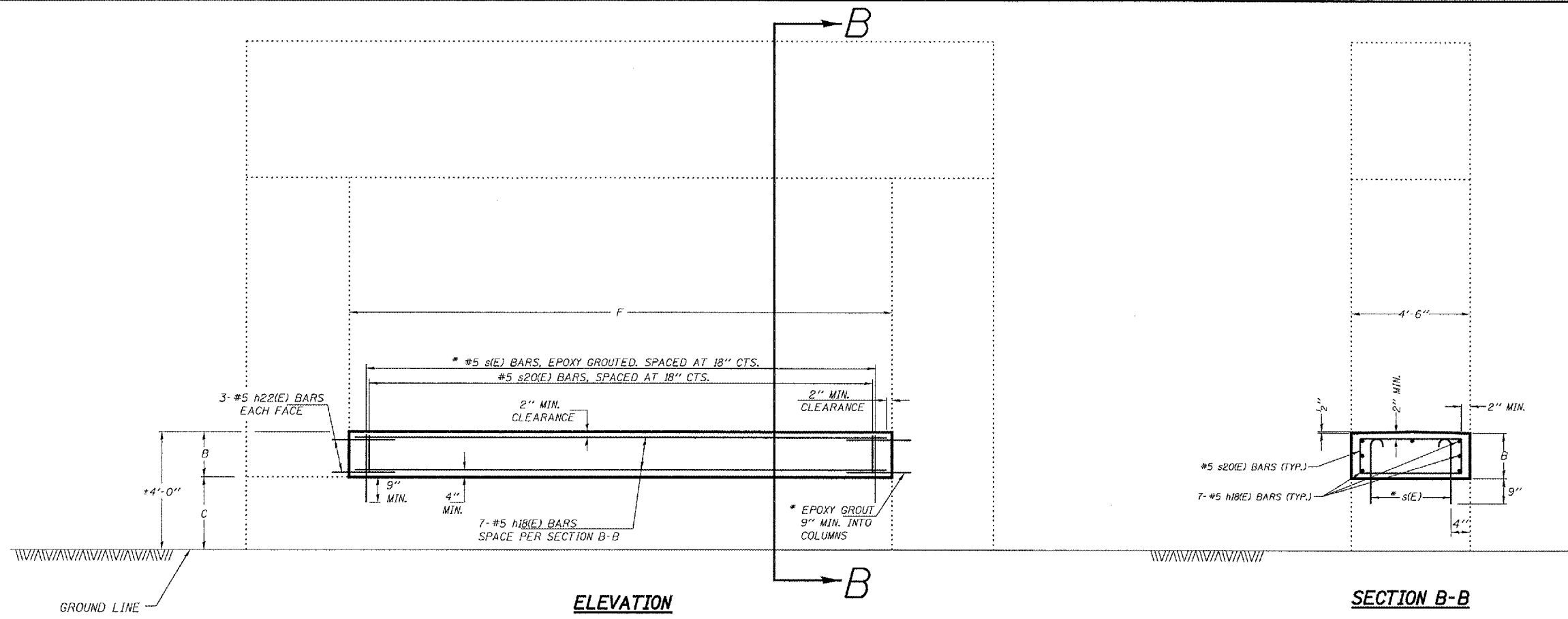
THE COST OF EPOXY GROUTING THREADED RODS SHALL BE INCLUDED WITH REINFORCEMENT BARS (EPOXY COATED).

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 OR 6011L MODIFIED.

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

TAPERED CRASHWALL EXTENSION (SIX CIRCULAR COLUMN PIER)																															
CONCRETE STRUCTURES				BAR					BAR					BAR																	
STATION	B (FT)	C (FT)	(CU YD)	BAR	QTY	SIZE	LENGTH	SHAPE	LBS	BAR	QTY	SIZE	LENGTH	LBS	BAR	QTY	SIZE	LENGTH	LBS												
092-0038	2'-5"	1'-7"	15.3	h(E)	60	#5	2'-9"		172.1	h16(E)	28	#5	13'-2"	384.5	h17(E)	7	#5	10'-9"	78.5												
1929+29.04																															
CONCRETE STRUCTURES =			15.3	LBS =					172.1	LBS =					384.5	LBS =					78.5										
										BAR	QTY	SIZE	LENGTH	SHAPE	LBS	BAR	QTY	SIZE	LENGTH	SHAPE	LBS										
										s19(E)	44	#5	10'-5"		460.8	s(E)	88	#5	2'-0"		183.6										
										LBS =										460.8	LBS =										183.6
																				REINFORCEMENT BARS (EPOXY COATED) =										1279.5	

NOTE:
WORK TO BE DONE TO CENTER PIER ONLY.



GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED UPON THE UNIT PRICE BID FOR THE WORK.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE STRUCTURES.

THE COST OF EPOXY GROUTING THREADED RODS SHALL BE INCLUDED WITH REINFORCEMENT BARS (EPOXY COATED).

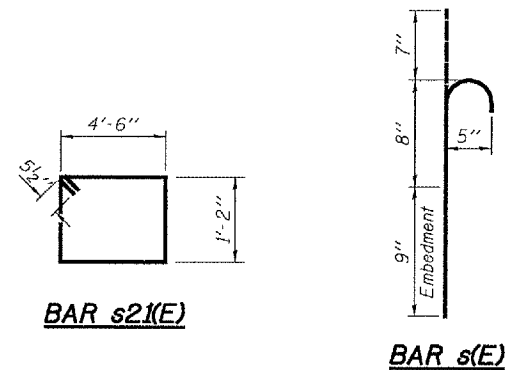
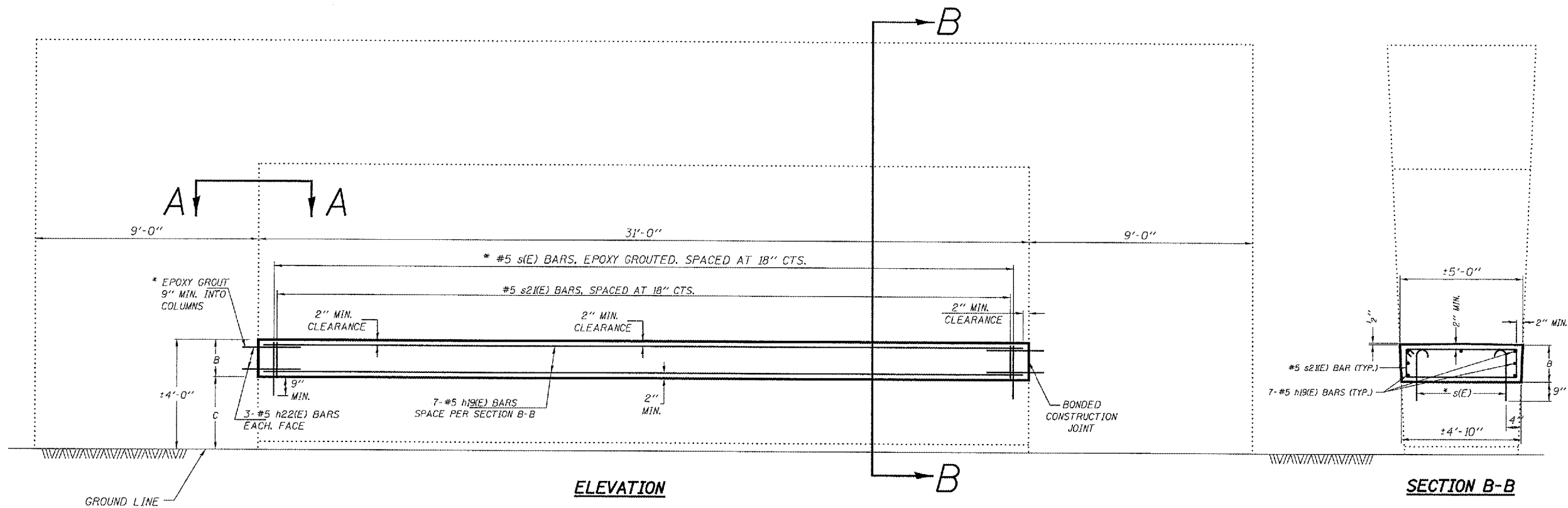
REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 OR 6011 (MODIFIED).

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

* EPOXY GROUT BARS IN 9" MIN. HOLES ACCORDING TO ARTICLE 584 OF THE STANDARD SPECIFICATIONS.

CRASHWALL EXTENSION RAILROAD STRUCTURE														
STRUCTURE	DIMENSION			CONCRETE STRUCTURES (CU YD)	BAR	QTY	SIZE	LENGTH	LBS	BAR	QTY	SIZE	LENGTH	LBS
	STATION	B (FT)	C (FT)											
092-0005	1'-9"	2'-3"	19'-7"	5.71	h18(E)	7	#5	19'-3"	140.5	h22(E)	12	#5	2'-9"	34.4
1688+88.22														
CONCRETE STRUCTURES =				5.71	LBS =				140.5	LBS =				34.4

STRUCTURE	BAR	QTY	SIZE	LENGTH	SHAPE	LBS	BAR	QTY	SIZE	LENGTH	SHAPE	LBS	
092-0005	s(E)	28	#5	2'-0"		58.4	s20(E)	14	#5	12'-1"		176.4	
						LBS =							58.4
											LBS =	176.4	
												REINFORCEMENT BARS (EPOXY COATED) =	409.7



GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO ROUTINE VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED BASED UPON THE UNIT PRICE BID FOR THE WORK.

THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR CONCRETE STRUCTURES.

THE COST OF EPOXY GROUTING THREADED RODS SHALL BE INCLUDED WITH REINFORCEMENT BARS (EPOXY COATED).

REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A706 OR 6011 (MODIFIED).

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

* EPOXY GROUT BARS IN 9" MIN. HOLES ACCORDING TO ARTICLE 584 OF THE STANDARD SPECIFICATIONS.

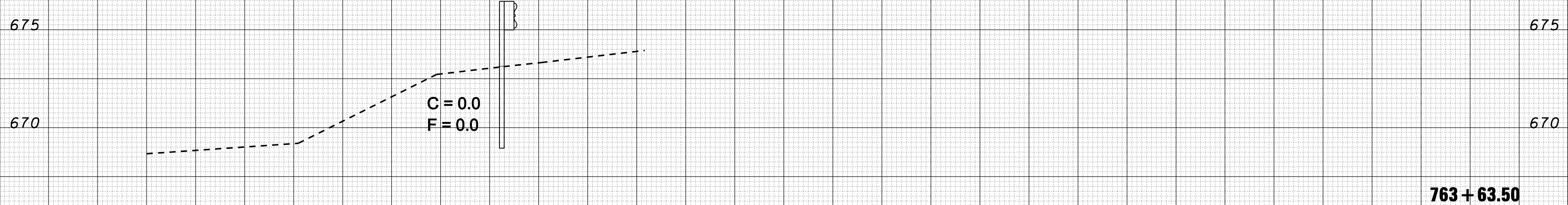
CRASHWALL EXTENSION RAILROAD STRUCTURE														
STRUCTURE	DIMENSION			CONCRETE STRUCTURES (CU YD)	REINFORCEMENT BARS				REINFORCEMENT BARS					
	STATION	B (FT)	C (FT)		F (FT)	BAR	QTY	SIZE	LENGTH	LBS	BAR	QTY	SIZE	LENGTH
092-0149	1'-6"	2'-6"	31'-0"	8.61	h19(E)	7	#5	30'-8"	223.9	h22(E)	12	#5	2'-9"	34.4
1919+92.05														
CONCRETE STRUCTURES =				8.61	LBS =				223.9	LBS =				34.4

STRUCTURE	BAR	QTY	SIZE	LENGTH	SHAPE	LBS
092-0149	s(E)	42	#5	2'-0"		87.6
						LBS = 87.6
	s21(E)	21	#5	12'-3"		268.3
						LBS = 268.3
						REINFORCEMENT BARS (EPOXY COATED) = 614.2

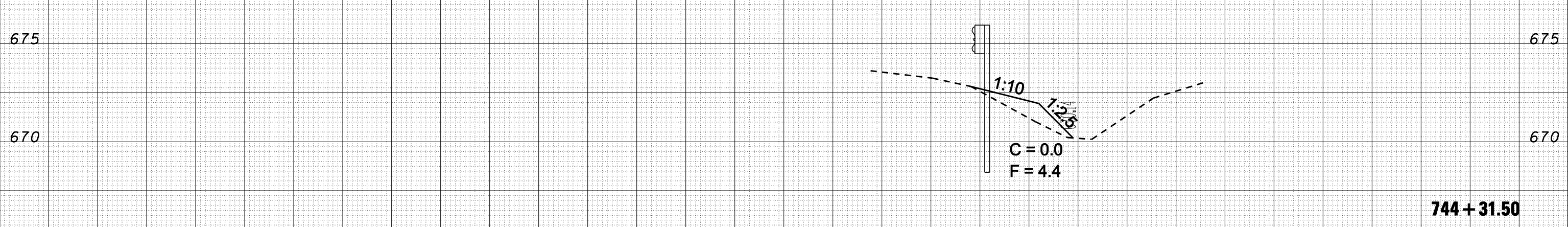
NOTE: WORK TO BE DONE TO CENTER PIER ONLY.

95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

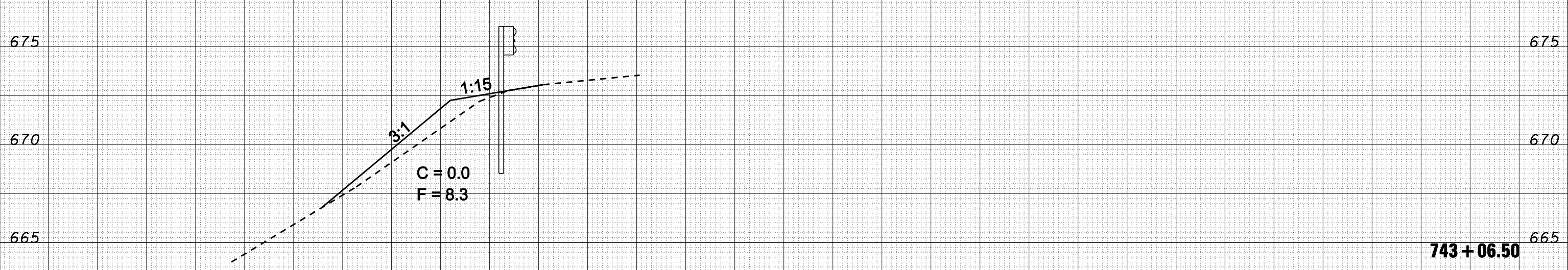
S.N. 010-0089



S.N. 010-0030



S.N. 010-0030



95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
FINAL SURVEY NO.	NOTE BOOK NO.	AREAS	CHECKED			

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
ORIGINAL SURVEY NO.	NOTE BOOK NO.	AREAS	CHECKED			

FILE NAME = c:\projects\d501407 (vB)\70643_guardrail_xs_left.dgn

USER NAME = collier-bv
 PLOT SCALE = 10.0000 "/ IN.
 PLOT DATE = 12/20/2007

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

WIDENING FOR TYPE 1 TERMINALS (WB)

SCALE: SHEET NO. OF SHEETS STA. 743+06.50 TO STA. 763+63.50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	90
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70643	

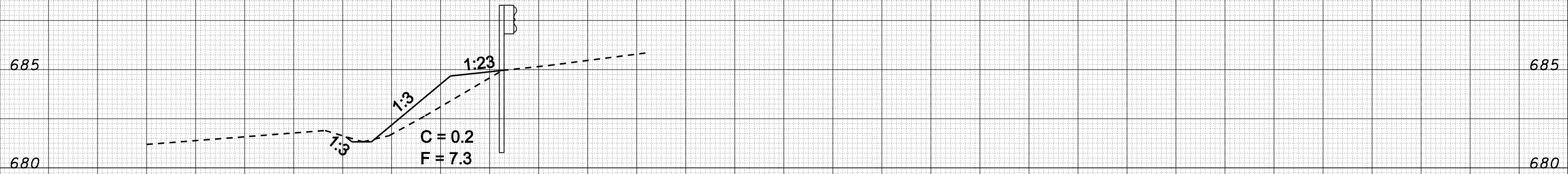
** CHAMPAIGN & VERMILION

95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

DATE	BY	SURVEYED	PLOTTED
		NOTE BOOK	TEMPLATE
		AREAS	AREAS
		CHECKED	CHECKED
		NO.	

DATE	BY	SURVEYED	PLOTTED
		NOTE BOOK	TEMPLATE
		AREAS	AREAS
		CHECKED	CHECKED
		NO.	

S.N. 010-0182



833 + 38.50

** CHAMPAIGN & VERMILION

FILE NAME = c:\projects\d501407 (vB)\70643-guandrail.xs_left.dgn

USER NAME = collier-bv
 DESIGNED -
 DRAWN -
 PLOT SCALE = 10.0000' / IN.
 CHECKED -
 PLOT DATE = 12/20/2007
 DATE -

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

WIDENING FOR TYPE 1 TERMINALS (WB)

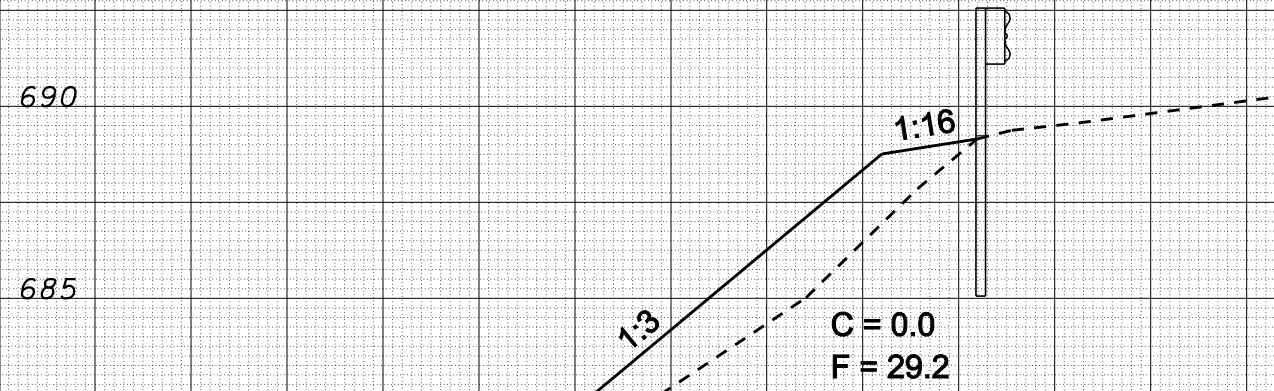
SCALE: SHEET NO. OF SHEETS STA. 833+38.50 TO STA.

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	91
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70643	

95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

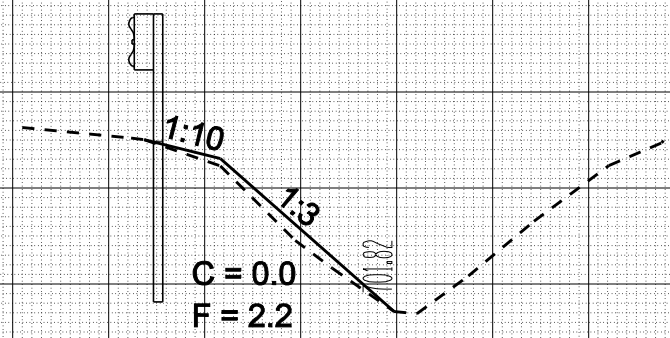
DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

S.N. 010-0032



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

S.N. 010-0032



871 + 29.50

863 + 17.50

95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

FILE NAME = c:\projects\d501407 (vB)\70643_guardrail_xs.left.dgn

USER NAME = collier-bv
 PLOT SCALE = 10.0000 "/ IN.
 PLOT DATE = 12/20/2007

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

WIDENING FOR TYPE 1 TERMINALS (WB)

SCALE: SHEET NO. OF SHEETS STA. 863+17.50 TO STA. 871+29.50

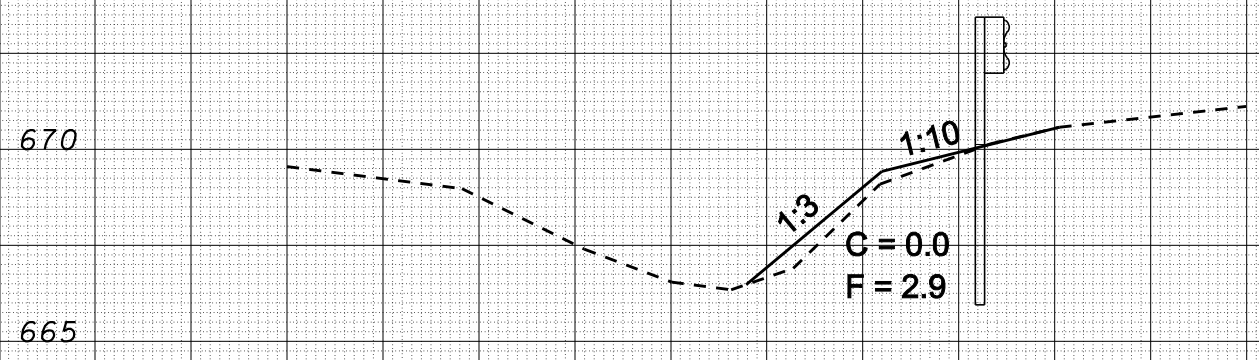
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	92
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70643	

** CHAMPAIGN & VERMILION

95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

S.N. 010-0146



1110 + 84.50

S.N. 010-0183



902 + 70.50

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

** CHAMPAIGN & VERMILION

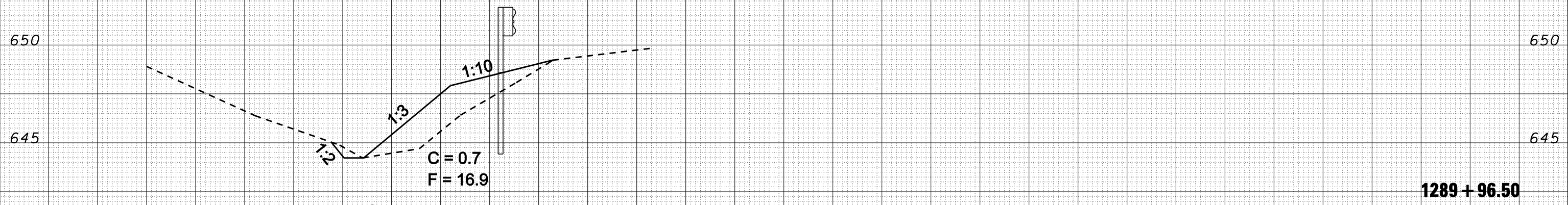
95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
FINAL SURVEY NO.	NOTE BOOK NO.				

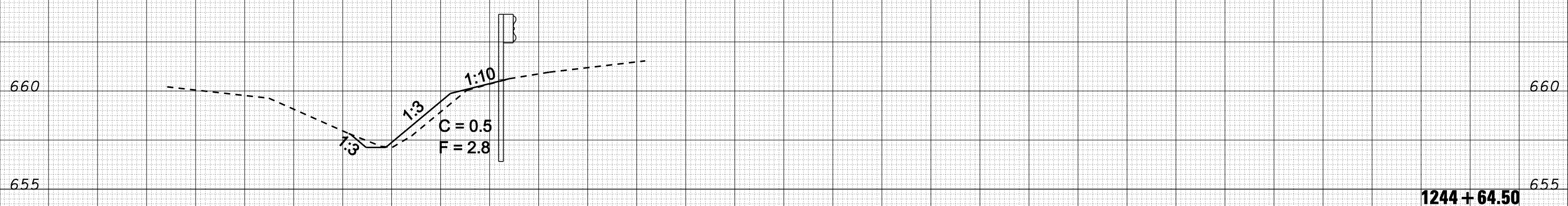
S.N. 092-0002



S.N. 092-0002



S.N. 092-0152



DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
ORIGINAL SURVEY NO.	NOTE BOOK NO.				

95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

FILE NAME = c:\projects\d501407 (vB)\70643_guardrail_xs_left.dgn

USER NAME = collier-bv
PLOT SCALE = 10.0000 "/ IN.
PLOT DATE = 12/20/2007

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

WIDENING FOR TYPE 1 TERMINALS (WB)

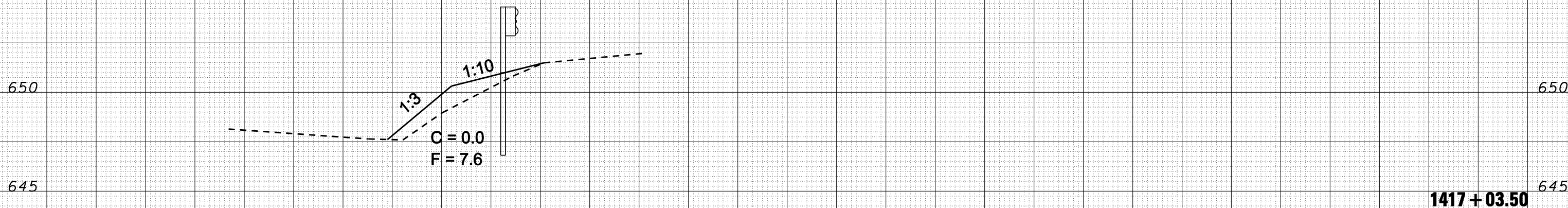
SCALE: SHEET NO. OF SHEETS STA. 1244+64.50 TO STA. 1290+24.50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	94
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70643	

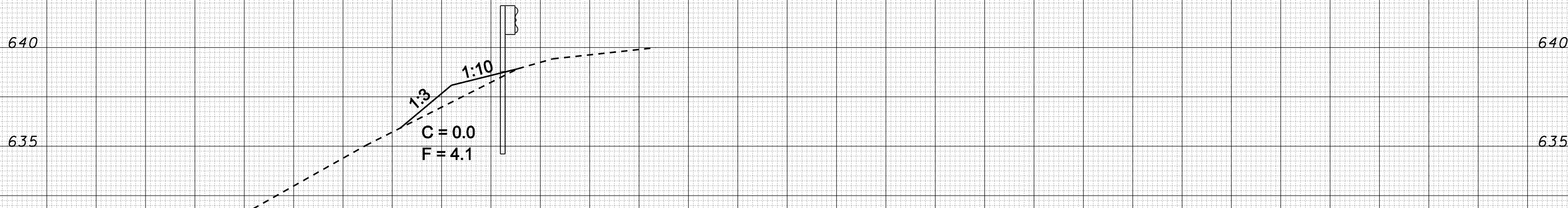
** CHAMPAIGN & VERMILION

95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

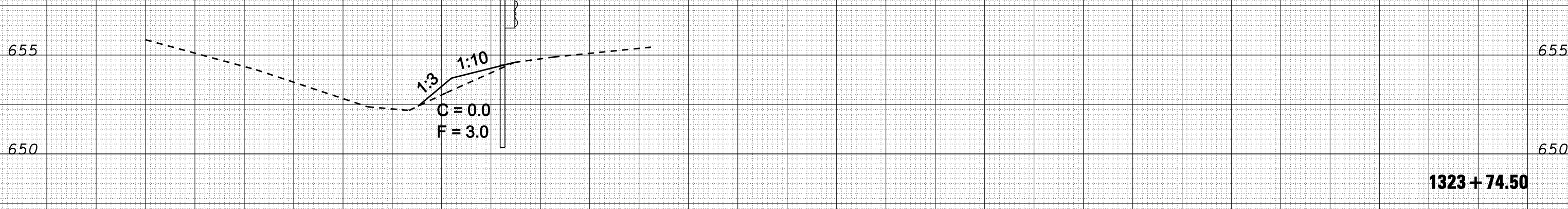
S.N. 092-0148



S.N. 092-2000



S.N. 092-0115



** CHAMPAIGN & VERMILION

95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

DATE	
BY	
FINISHED SURVEY	
NOTED SURVEY	
PLANNED SURVEY	
AREAS CHECKED	

DATE	
BY	
ORIGINAL SURVEY	
NOTED SURVEY	
PLANNED SURVEY	
AREAS CHECKED	

FILE NAME = c:\projects\d501407 (vB)\70643_guordrail_xs_left.dgn

USER NAME = collier-bw
 DESIGNED -
 DRAWN -
 PLOT SCALE = 10.0000' / IN.
 PLOT DATE = 12/20/2007

REVISOR -
 CHECKED -
 DATE -

REVISOR -
 REVISOR -
 REVISOR -
 REVISOR -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WIDENING FOR TYPE 1 TERMINALS (WB)

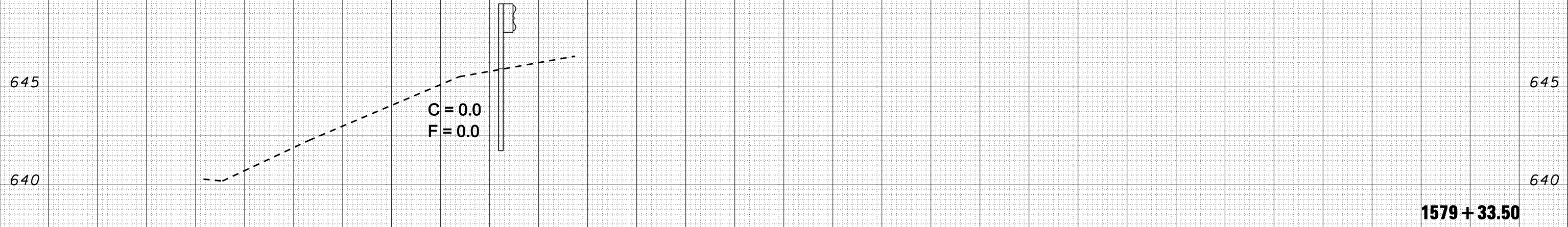
SCALE: SHEET NO. OF SHEETS STA. 1323+74.50 TO STA. 1417+03.00

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	95
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70643	

95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

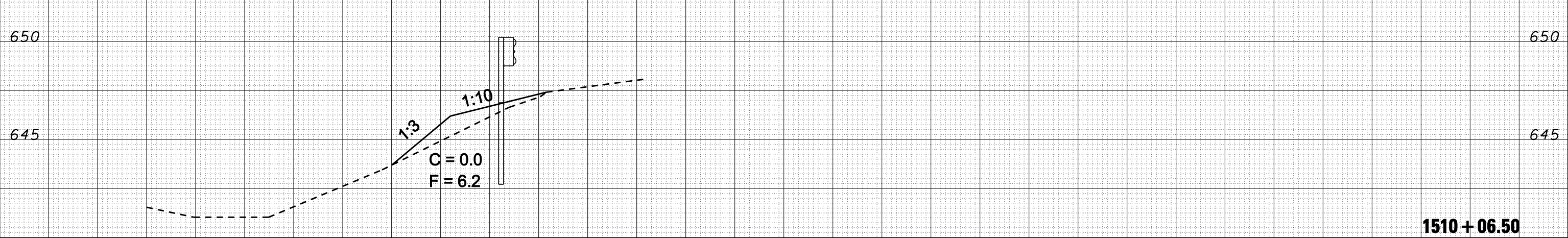
DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
FINAL SURVEY NOTE BOOK NO.					

S.N. 092-0125



DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
ORIGINAL SURVEY NOTE BOOK NO.					

S.N. 092-0075

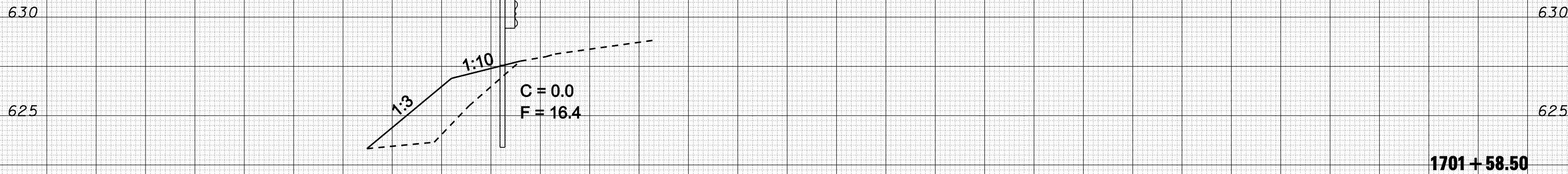


** CHAMPAIGN & VERMILION

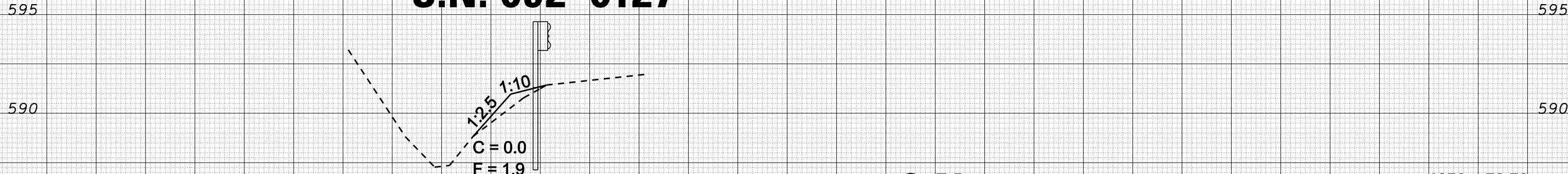
FILE NAME =	USER NAME = collier-bw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WIDENING FOR TYPE 1 TERMINALS (WB)	F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\projects\d501407 (vB)\70643-guandrail.xs.left.dgn		DRAWN -	REVISED -			74	FY08HSIP	**	172	96	
PLOT SCALE = 10.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 70643					
PLOT DATE = 12/20/2007		DATE -	REVISED -			SCALE:	SHEET NO.	OF	SHEETS	STA. 1510+06.50 TO STA. 1579+33.50	FED. ROAD DIST. NO.

95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

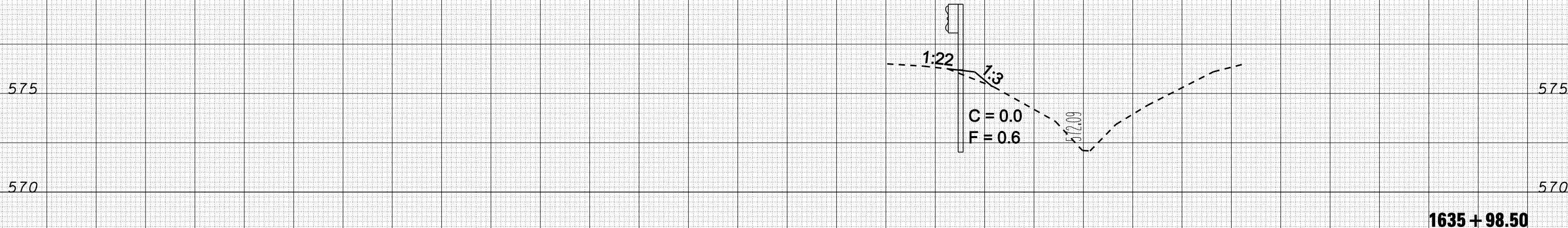
S.N. 092-0051



S.N. 092-0127



S.N. 092-0004



DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
FINAL SURVEY NO.	NOTE BOOK NO.	AREAS CHECKED				

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
ORIGINAL SURVEY NO.	NOTE BOOK NO.	AREAS CHECKED				

95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

FILE NAME = c:\projects\d501407 (vB)\70643_guordrail_xs_left.dgn

USER NAME = collier-bw
 PLOT SCALE = 10.0000 "/ IN.
 PLOT DATE = 12/20/2007

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WIDENING FOR TYPE 1 TERMINALS (WB)

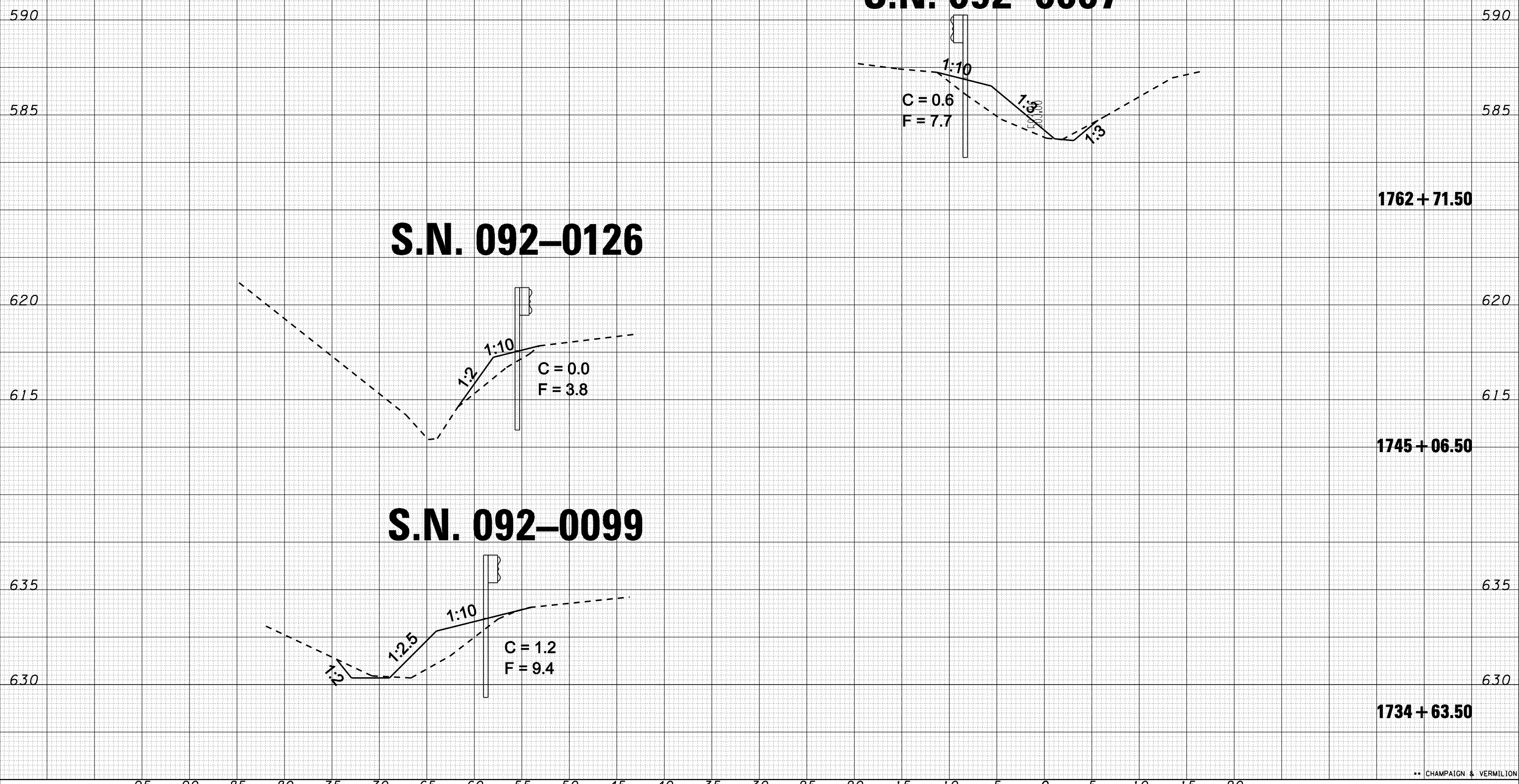
SCALE: SHEET NO. OF SHEETS STA. 1635+98.50 TO STA. 1701+58.50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	97
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70643	

** CHAMPAIGN & VERMILION

95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	



DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
ORIGINAL SURVEY	
NOTE BOOK	
NO.	

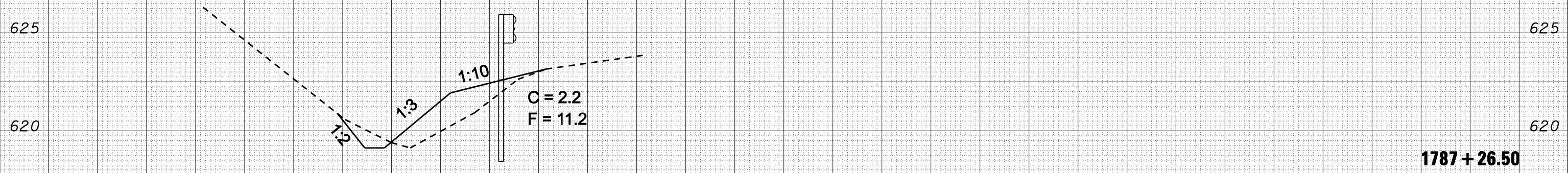
95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

FILE NAME =	USER NAME = collier-bw	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	WIDENING FOR TYPE 1 TERMINALS (WB)			F.A.I. RTÉ.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\projects\d501407 (vB)\70643-guandrail.xs_left.dgn		DRAWN -	REVISED -					74	FY08HSIP	**	172	98
PLOT SCALE = 10.0000 "/ IN.		CHECKED -	REVISED -		CONTRACT NO. 70643							
PLOT DATE = 12/20/2007		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA. 1734+63.50 TO STA. 1762+71.50	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

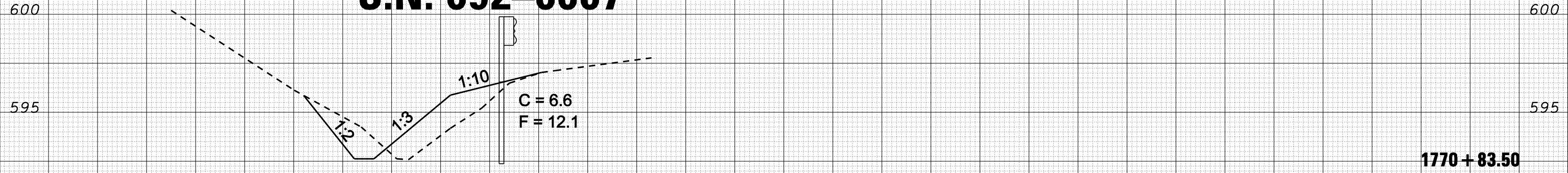
** CHAMPAIGN & VERMILION

95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

PIPE CULVERT AT 1784 + 75



S.N. 092-0007



95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
FINL	SURVEY	NOTE BOOK	NO.			

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
ORIGIAL	SURVEY	NOTE BOOK	NO.			

FILE NAME = c:\projects\d501407 (vB)\70643_guardrail_xs_left.dgn

USER NAME = collier-bv
 PLOT SCALE = 10.0000 ' / IN.
 PLOT DATE = 12/20/2007

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WIDENING FOR TYPE 1 TERMINALS (WB)

SCALE: SHEET NO. OF SHEETS STA. 1771+83.50 TO STA. 1787+26.50

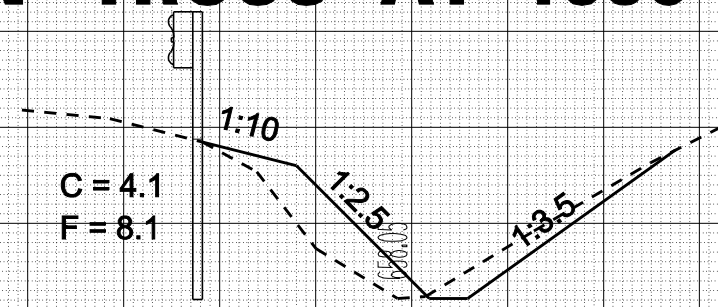
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	99
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70643	

** CHAMPAIGN & VERMILION

95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS	CHECKED
FINAL SURVEY NO.	NOTE BOOK NO.	AREAS CHECKED				

SIGN TRUSS AT 1859 + 85



665

665

660

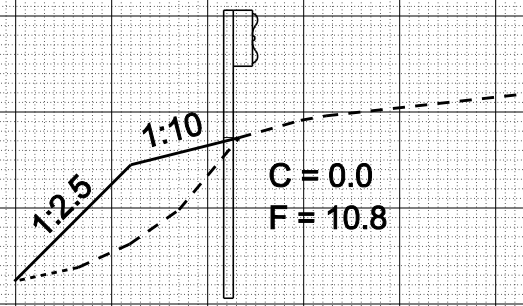
660

655

1860 + 61.50

655

S.N. 092-0128



640

640

635

1829 + 88.50

635

95 90 85 80 75 70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20

FILE NAME = c:\projects\d501407 (vB)\70643_guardrail_xs_left.dgn

USER NAME = collier-bv
 PLOT SCALE = 10.0000 "/ IN.
 PLOT DATE = 12/20/2007

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

WIDENING FOR TYPE 1 TERMINALS (WB)

SCALE: SHEET NO. OF SHEETS STA. 1829+88.50 TO STA. 1860+61.50

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
74	FY08HSIP	**	172	100
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 70643	

** CHAMPAIGN & VERMILION