

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

**PROPOSED
HIGHWAY PLANS**

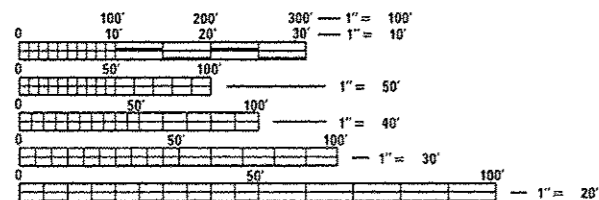
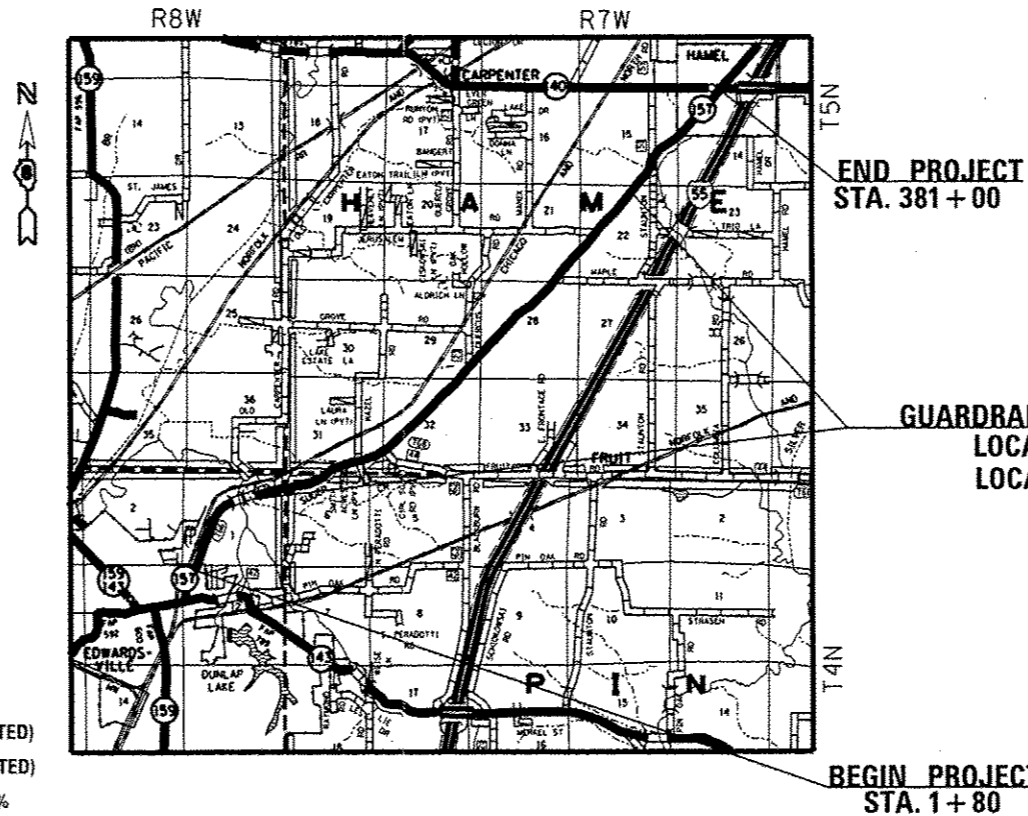
FAS 770 /FAU 8890 (IL 157)
SECTION (65,66)-J
PROJECT F-HSIP-0005(896)
GUARDRAIL REPLACEMENT - HSIP
MADISON COUNTY

C-98-007-12

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	(65, 66)-J	MADISON	15	1
ILLINOIS			CONTRACT NO. 76F18	

* FAS/FAU 770/8890

FOR INDEX OF SHEETS, SEE SHEET NO. 2



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

2011 ADT = 5830 (ACTUAL)
2012 ADT = 5890 (ESTIMATED)
2022 ADT = 6480 (ESTIMATED)
SU = 2.1% MU = 0.8%

HAMEL TOWNSHIP
PIN OAK TOWNSHIP
EDWARDSVILLE TOWNSHIP

PROJECT ENGINEER: MICHAEL PRITCHETT 618-346-3180
DESIGNER: GWEN LAGEMANN 618-346-3181

CONTRACT NO. 76F18

GROSS LENGTH = 20,100 FT. = 3.81 MILES
NET LENGTH = 4224 FT. = 0.8 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED March 22 20 12
John J. Baranzolli
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

June 29 20 12
John D. Baranzolli PE, Ia
acting ENGINEER OF DESIGN AND ENVIRONMENT

June 29 20 12
William R. Frey, Ia
acting DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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INDEX OF SHEETS

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- 14-15 EROSION AND SEDIMENT CONTROL DETAILS

LIST OF STANDARDS

- 280001-06 TEMPORARY EROSION CONTROL SYSTEMS
- 482011-03 HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
- 630001-10 STEEL PLATE BEAM GUARDRAIL
- 630106 LONG-SPAN GUARDRAIL OVER CULVERT
- 630301-05 SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
- 635006-03 REFLECTOR AND TERMINAL MARKER PLACEMENT
- 635011-02 REFLECTOR MARKER AND MOUNTING DETAILS
- 701001-02 OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
- 701006-03 OFF-RD OPERATIONS, 2L, 2W, 15' (4.5M) TO 24" (600 MM) FROM PAVEMENT EDGE
- 701201-04 LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS > 45 MPH
- 701301-04 LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- 701901-02 TRAFFIC CONTROL DEVICES
- 701326-04 LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING, FOR SPEEDS ≥ 45 MPH

GENERAL NOTES

1. ALL AREAS DISTURBED FOR ANY REASON SHALL BE PERMANENTLY SEEDED AS DIRECTED BY THE ENGINEER. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
2. THE CONTRACTOR AND THE ENGINEER SHALL BE AWARE THAT NO SURVEY WAS PERFORMED FOR THIS PROJECT. THE STATIONING AND TOPO SHOWN IN THE PLANS WAS CREATED USING FIELD MEASUREMENTS MADE BY DESIGN PERSONNEL. BOTH SHALL BE ASSUMED TO BE APPROXIMATE.
3. THE CONTRACTOR SHALL VERIFY ALL DEMENSIONS AND CONDITIONS IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.
4. THE CONTRACTOR SHALL EXERCISE CARE IN PERFORMING REMOVALS SO AS NOT TO DISRUPT ADJOINING FEATURES THAT ARE TO REMAIN IN PLACE. ANY DAMAGE CAUSED TO ADJOINING FEATURES AS A RESULT OF THE CONTRACTOR'S NEGLIGENCE SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE SATISFACTION OF THE ENGINEER.
5. THE PRIME CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SUB-CONTRACTED WORK, REGARDLESS OF FUNDING SOURCE. THE SPECIAL PROVISIONS, SPECIFICATIONS, AND STANDARD SPECIFICATIONS SHALL GOVERN CONTRACTUAL REQUIREMENTS FOR SAID ARRANGEMENTS.
6. ALL SAW CUTTING REQUIRED FOR REMOVALS SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER UNIT OF REMOVAL QUANTITIES.
7. THE CONTRACTOR SHALL EXERCISE CARE IN EXCAVATING AROUND EXISTING UTILITIES TO REMAIN IN PLACE, SUCH AS WATER AND SEWER MAINS, AND SHALL BE RESPONSIBLE FOR REPAIR OF THESE AND MAINTENANCE OF SERVICE, IF DAMAGED BY THE CONTRACTOR'S ACTIVITIES, AS DEEMED SUCH BY THE ENGINEER.
8. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ESTABLISHING POSITIVE DRAINAGE IN THE DISTURBED AREAS, TO THE SATISFACTION OF THE ENGINEER.
9. IN ADDITION TO WARNING SIGNS SHOWN ON THE STANDARDS FOR TRAFFIC CONTROL, ROAD CONSTRUCTION AHEAD SIGNS SHALL BE PLACED ON INTERSECTING SIDE ROADS THROUGHOUT THE WORK ZONE.
10. ALL ADVANCED WARNING SIGNS SHALL BE 48" FLUORESCENT ORANGE.
11. ILLINOIS STATE LAW REQUIRES A 48-HOUR NOTICE BE GIVEN TO ALL UTILITIES BEFORE DIGGING. FIELD MARKING OF UTILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. OR FOR NON-MEMBERS, THE UTILITY COMPANY DIRECTLY. AGENCIES KNOWN TO HAVE FACILITIES WITHIN THE PROJECT AREA ARE AS FOLLOWS:

- AMEREN ILLINOIS (GAS AND ELECTRIC)
- AT&T ILLINOIS
- BUCKEYE PARTNERS L.P. WOOD RIVER PIPELINE
- CHARTER COMMUNICATIONS, INC.
- CONSOLIDATED COMMUNICATIONS, INC.
- CITY OF EDWARDSVILLE
- CITY OF EDWARDSVILLE PUBLIC WORKS
- VILLAGE OF HAMEL
- KEYSTONE PIPELINE
- MADISON TELEPHONE COMPANY
- MARATHON PIPELINE LLC
- NORTHEAST CENTRAL COUNTY PUBLIC WATER DISTRICT
- PAE TEC
- PLAINS MARKETING, L.P.
- SOUTHWESTERN ELECTRIC COOPERATIVE, INC.

MEMBERS OF J.U.L.I.E. (800) 892-0123 ARE INDICATED BY *. NON-MEMBERS MUST BE NOTIFIED INDIVIDUALLY.

12. IT IS THE INTENT OF THIS PROJECT TO COMPLETE THE MAJORITY OF GRADING WITHIN THE FRONT SLOPES UTILIZING 1V:2.5H (TYPICAL) TO 1V:2H (MAX) SLOPES. HOWEVER, THERE ARE SOME LOCATIONS WHERE GRADING WILL EXTEND BEYOND THE TOE OF THE SLOPE. SAID LOCATIONS ARE ESTIMATED WITHIN THE QUANTITIES AND WILL REQUIRE RE-GRADING OF THE DITCH AND BACK SLOPE. THE CONTRACTOR SHOULD BE AWARE THAT THE ACTUAL EXTENTS OF WORK MAY VARY FROM THAT SHOWN. FINAL EXTENT OF GRADING WILL BE AT THE DISCRETION OF THE ENGINEER. RE-GRADING SHALL BE CONSIDERED AS INCLUDED IN THE CONTRACT UNIT PRICE FOR EARTH EXCAVATION.
13. THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES.

APPLICATION RATES

AGGREGATE MATERIALS	2.05 TONS/CU YD
GRANULAR MATERIALS	2.05 TONS/CU YD

FOR SEEDED AREAS:

NITROGEN FERTILIZER NUTRIENT	90 LBS/ACRE
PHOSPHORUS FERTILIZER NUTRIENT	90 LBS/ACRE
POTASSIUM FERTILIZER NUTRIENT	90 LBS/ACRE

14. THE FOLLOWING HMA MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT:

HMA MIXTURE REQUIREMENTS

ROUTE	FAS/FAU 8890 (IL 157)
SECTION	(65,66)-J
COUNTY	MADISON
CONTRACT	76F18

DESCRIPTION	HISP GUARDRAIL ON IL ROUTE 157 FROM IL ROUTE 143 IN EDWARDSVILLE TO IL ROUTE 140 IN HAMEL
-------------	---

ADT (Construction Yr.)	8000
MU%	1
SU%	2.5
20 YR. ESAL'S	0.73

MIXTURE USE	SHOULDERS ≥ 2.25"	SHOULDERS < 2.25"		
AC/PG	PG 64-22	PG 64-22		
RAP % (MAX)	See Contract RAP	See Contract RAP		
DESIGN AIR VOIDS	Special Provisions	Special Provisions		
MIX COMPOSITION	**2.0% @ Ndes=30	**2.0% @ Ndes=30		
(GRADATION MIXTURE)	NMAS 3/4"	NMAS 1/2"		
FRICION AGG				

** Top Lift Shoulders - Design this mix at 2.0% voids and add asphalt to reduce voids to 1.5%.

Plan quantities for Bituminous Concrete Surface Course Items are calculated using a unit weight of 112lb/sq yd/in (59.8 kg/sq m/25 mm thickness).

16. THE HAZARD STATIONS INDICATED IN THE PLANS ARE APPROXIMATE AND ASSUMED TO BE THE CENTERLINE OF THE DRAINAGE STRUCTURE AT THE EDGE OF PAVEMENT OR THE CENTER OF THE EXISTING GUARDRAIL IF NO DRAINAGE STRUCTURE IS PRESENT.
17. AT LOCATION 6, THE REQUIRED GRADING AROUND THE END TERMINALS AT STA. 199+16 AND STA. 201+16, SHALL BE ACCOMPLISHED USING AGGREGATE SHOULDERS, TYPE A.
18. A TAPER RATE OF 20:1 WAS ASSUMED AT LOCATIONS WHERE THE DISTANCE FROM THE EDGE OF PAVEMENT TO THE FACE OF GUARDRAIL VARIES.
19. AT LOCATION 2RT, THE QUANTITY FOR GUARDRAIL REMOVAL IS TO REMOVE THE DAMAGED TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT.

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	HSIP			STP	
				CONSTRUCTION CODE				
				FAU 8890 0021 URBAN 90% FED 10% STATE	FAS 770 0021 RURAL 90% FED 10% STATE	FAS 770 0021 URBAN 90% FED 10% STATE	FAU 8890 0021 URBAN 80% FED 20% STATE	FAS 770 0021 RURAL 80% FED 20% STATE
20200100	EARTH EXCAVATION	CU YD	755	0	0	0	135	620
20400800	FURNISHED EXCAVATION	CU YD	705	15	690	0	0	0
X 25000210	SEEDING, CLASS 2A	ACRE	1	0.1	0.9	0	0	0
X 25000400	NITROGEN FERTILIZER NUTRIENT	POUND	82	8	74	0	0	0
X 25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	82	8	74	0	0	0
X 25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	82	8	74	0	0	0
25100630	EROSION CONTROL BLANKET	SO YD	4416	454	3962	0	0	0
28000400	PERIMETER EROSION BARRIER	FOOT	6103	631	5472	0	0	0
48100100	AGGREGATE SHOULDERS, TYPE A	TON	16	0	16	0	0	0
48101500	AGGREGATE SHOULDERS, TYPE B 6"	SO YD	1833	0	0	0	194	1639
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	1670	0	0	0	194	1476
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	3550	412.5	3137.5	0	0	0
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	650	0	650	0	0	0
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	FOOT	625	0	625	0	0	0

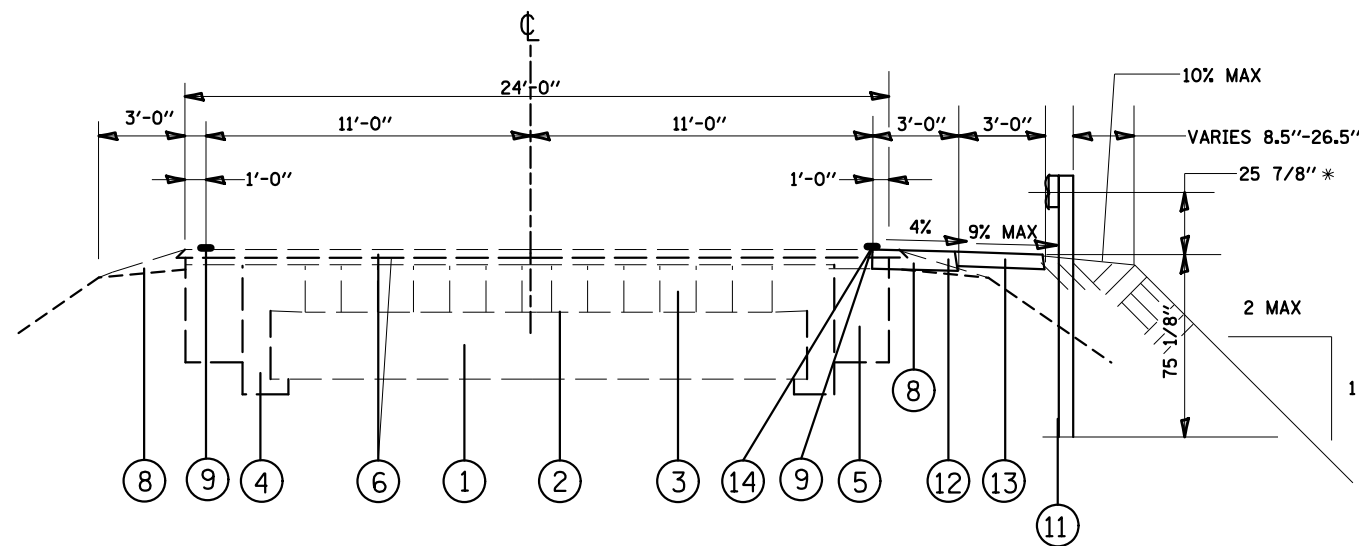
X SPECIALTY ITEM

FILE NAME *	USER NAME * chldel	DESIGNED - GEL	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
or:\pwork\pwork\chldel\0279702\027610-ht-plan.dgn	PLDT SCALE * 1/8"=1'-0"	DRAWN - LAC	REVISED -					770	GUARDRAIL REPLACEMENT	MADISON	15	3
	PLDT DATE * 4/11/2012	CHECKED - MDP	REVISED -		F.A.J.L.	CONTRACT NO. 76F18						
		DATE - 3/20/2012	REVISED -		8890	ILLINOIS FED. AID PROJECT						

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	HSIP			STP	
				CONSTRUCTION CODE				
				FAU 8890	FAS 770	FAS 770	FAU 8890	FAS 770
				0021 URBAN 90% FED 10% STATE	0021 RURAL 90% FED 10% STATE	0021 URBAN 90% FED 10% STATE	0021 URBAN 80% FED 10% STATE	0021 RURAL 80% FED 10% STATE
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	31	2	28	1	0	0
63200310	GUARDRAIL REMOVAL	FOOT	3,179	78	3,051	50	0	0
63300575	REMOVE AND REERECT RAIL ELEMENT OF EXISTING GUARDRAIL	FOOT	50	0	0	50	0	0
63301990	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 1	EACH	3	0	0	3	0	0
63302700	REMOVE AND REERECT TRAFFIC BARRIER TERMINALS, TYPE 6	EACH	4	0	0	4	0	0
67100100	MOBILIZATION	L SUM	1	0	1	0	0	0
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	0	1	0	0	0
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	0	0	0	0	1
X 78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	5480	0	0	0	581	4,899
78200410	GUARDRAIL MARKERS, TYPE A	EACH	71	6	65	0	0	0
78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	31	2	28	1	0	0

X SPECIALTY ITEM

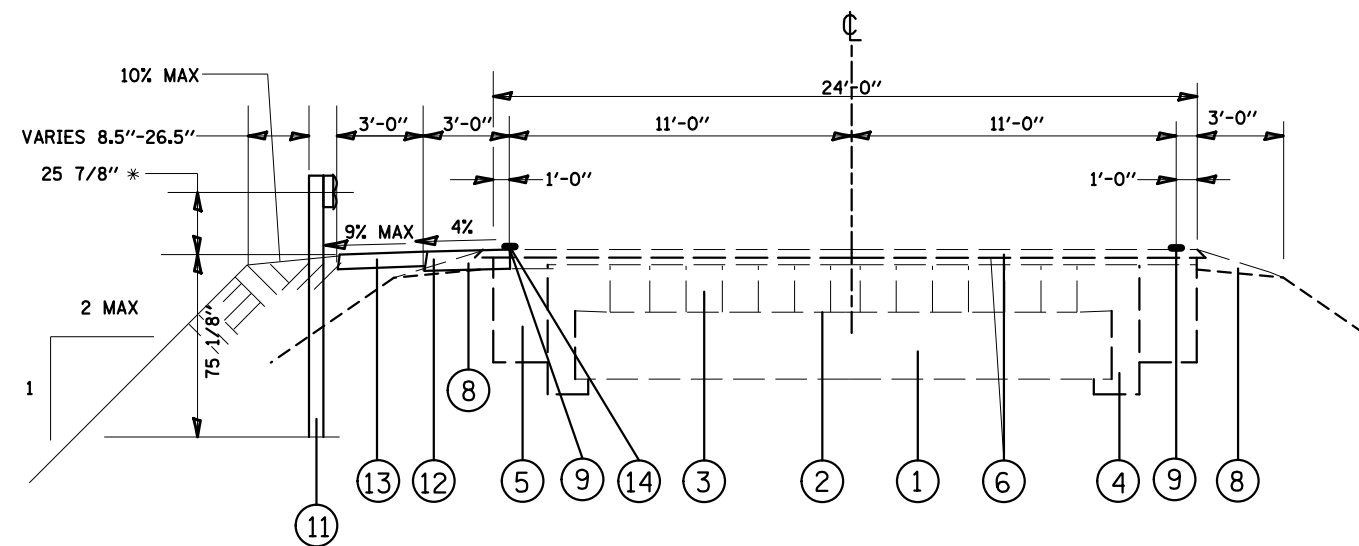
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o:\p\work\p\del\chldel\0279702\0076	9-shc-plendgn	DRAWN - LAC	REVISED -					770	GUARDRAIL REPLACEMENT	MADISON	15	4
PLOT SCALE = 1/8" = 1'	CHECKED - MDP	DATE - 3/20/2012	REVISED -		F.A.S.	CONTRACT NO. 76F18			ILLINOIS FED. AID PROJECT			
PLOT DATE = 4/11/2012	DATE -	REVISED -	SCALE:		SHEET NO. 2 OF 2 SHEETS STA.			TO STA.				



* HEIGHT OF GUARDRAIL IS INCREASED BY 1 " IN PREPARATION FOR FUTURE RESURFACING

TYPICAL SECTION

LOCATION 4 - RT. STA. 159+84 TO 164+21.5
 LOCATION 11 - RT. STA. 373+63.625 TO 377+19.875



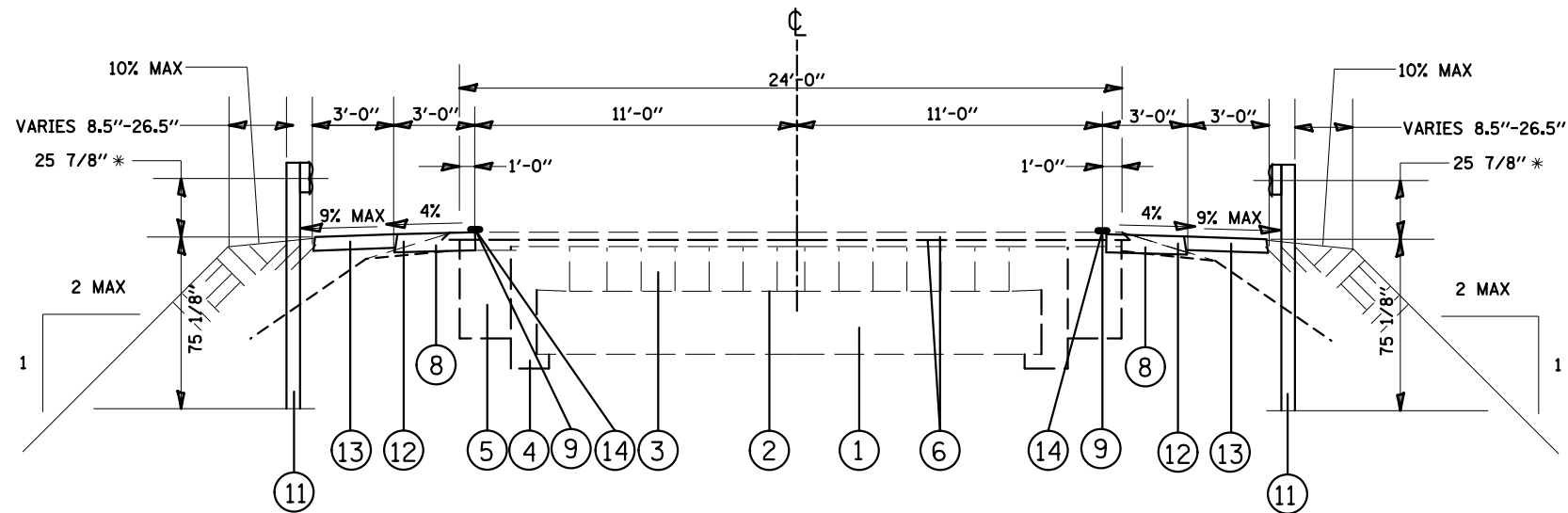
* HEIGHT OF GUARDRAIL IS INCREASED BY 1 " IN PREPARATION FOR FUTURE RESURFACING

TYPICAL SECTION

LOCATION 1 - LT. STA. 7+93.5 TO 13+06

LEGEND

- ① EXISTING CONCRETE BASE, 8"
- ② EXISTING MASTIC CUSHION, 1"
- ③ EXISTING BRICK PAVEMENT, 2 1/4"
- ④ EXISTING CONCRETE RETAINER, 1'-3"
- ⑤ EXISTING PC CONCRETE BASE COURSE, 8"
- ⑥ EXISTING BITUMINOUS RESURFACING WITH COLDMILLING, (VAR. 4" TO 6 1/2")
- ⑦ EXISTING HMA SHOULDER
- ⑧ EXISTING AGGREGATE SHOULDERS
- ⑨ EXISTING PAINT PAVEMENT MARKING, LINE 4"
- ⑩ EXISTING OIL AND CHIP ROAD
- ⑪ PROPOSED GUARDRAIL, 9' STEEL POST
- ⑫ PROPOSED HMA SHOULDER, 8"
- ⑬ PROPOSED AGGREGATE SHOULDER, 6"
- ⑭ PROPOSED THERMOPLASTIC PAVEMENT MARKING, LINE 4"

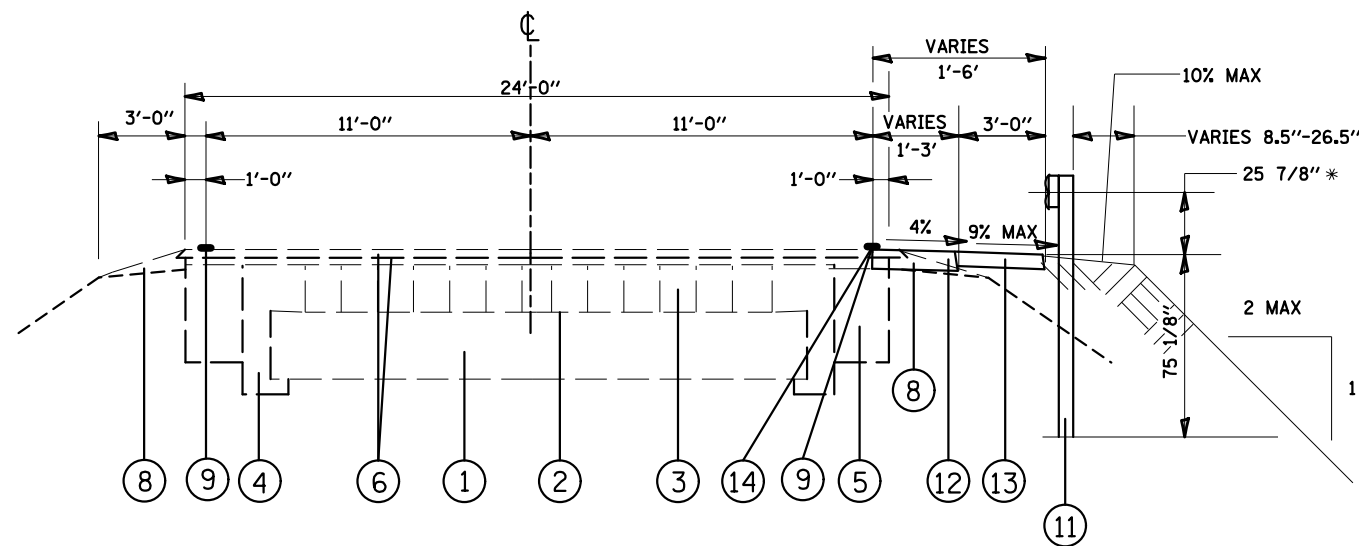


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TYPICAL SECTION

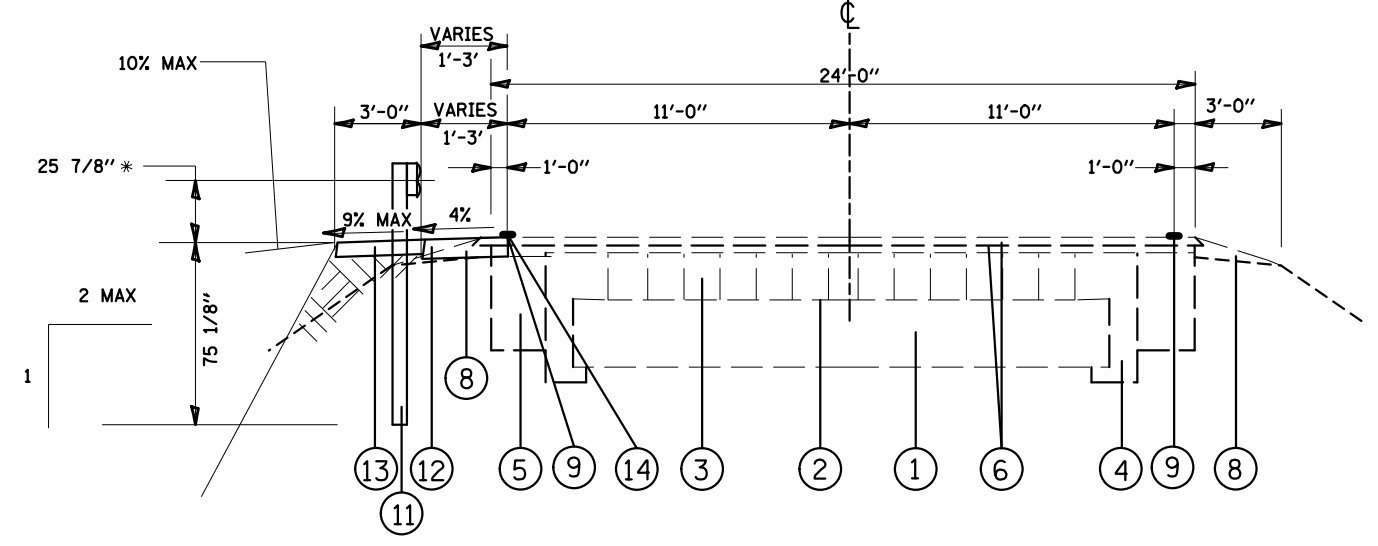
LOCATION 6 - RT. STA. 195+25.5 TO 198+77
 LOCATION 6 - LT. STA. 196+03.5 TO 198+24

FILE NAME =	USER NAME = chids1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pwork\pwork\chids1\d0279782\d876f18-sh1-plan.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. 1 OF 3 SHEETS	STA.	770	GUARDRAIL REPLACEMENT	MADISON	15	5
		CHECKED -	REVISED -		TO STA.			F.A.U.				CONTRACT NO. 76F18
		DATE -	REVISED -					8890				ILLINOIS FED. AID PROJECT



* HEIGHT OF GUARDRAIL IS INCREASED BY 1 " IN PREPARATION FOR FUTURE RESURFACING

TYPICAL SECTION
LOCATION 5 - RT. STA. 177+13 TO 181+50.5

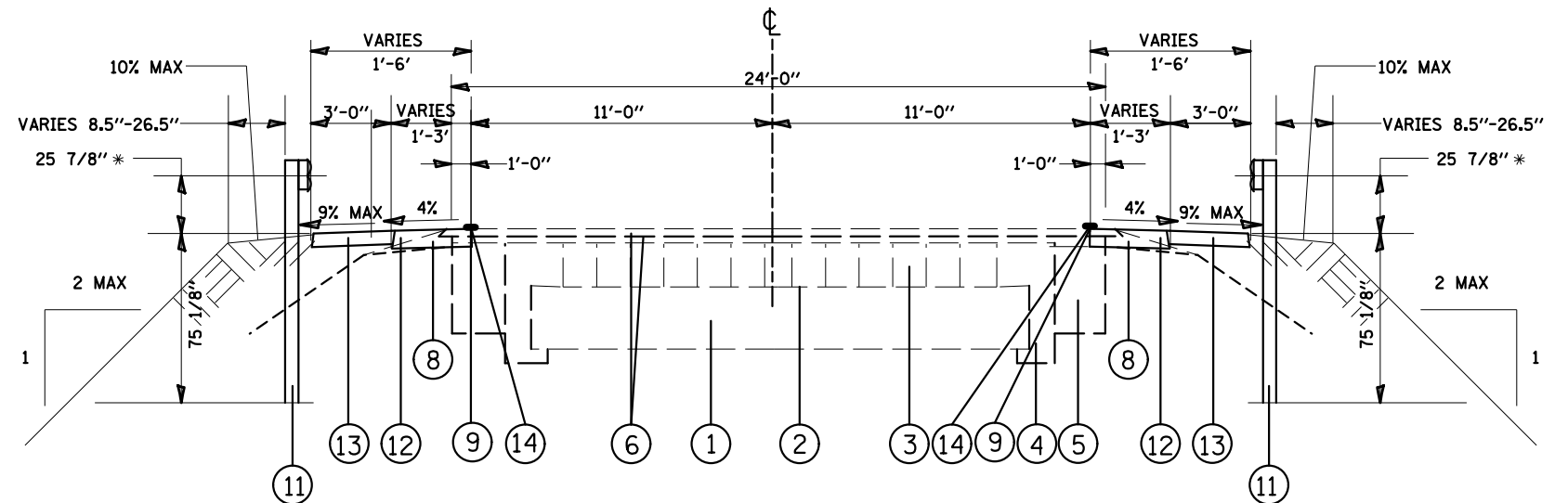


* HEIGHT OF GUARDRAIL IS INCREASED BY 1 " IN PREPARATION FOR FUTURE RESURFACING

TYPICAL SECTION
LOCATION 5 - LT. STA. 177+45.5 TO 183+20.5

LEGEND

- ① EXISTING CONCRETE BASE, 8"
- ② EXISTING MASTIC CUSHION, 1"
- ③ EXISTING BRICK PAVEMENT, 2 1/4"
- ④ EXISTING CONCRETE RETAINER, 1'-3"
- ⑤ EXISTING PC CONCRETE BASE COURSE, 8"
- ⑥ EXISTING BITUMINOUS RESURFACING WITH COLDMILLING, (VAR. 4" TO 6 1/2")
- ⑦ EXISTING HMA SHOULDER
- ⑧ EXISTING AGGREGATE SHOULDERS
- ⑨ EXISTING PAINT PAVEMENT MARKING, LINE 4"
- ⑩ EXISTING OIL AND CHIP ROAD
- ⑪ PROPOSED GUARDRAIL, 9' STEEL POST
- ⑫ PROPOSED HMA SHOULDER, 8"
- ⑬ PROPOSED AGGREGATE SHOULDER, 6"
- ⑭ PROPOSED THERMOPLASTIC PAVEMENT MARKING, LINE 4"



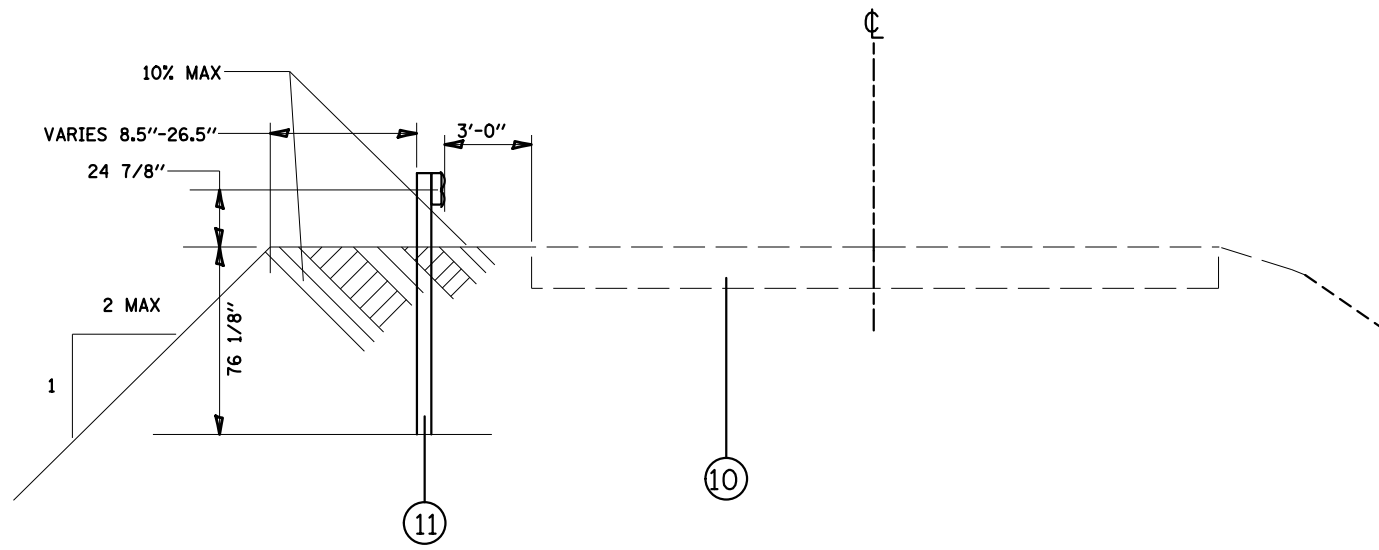
* HEIGHT OF GUARDRAIL IS INCREASED BY 1 " IN PREPARATION FOR FUTURE RESURFACING

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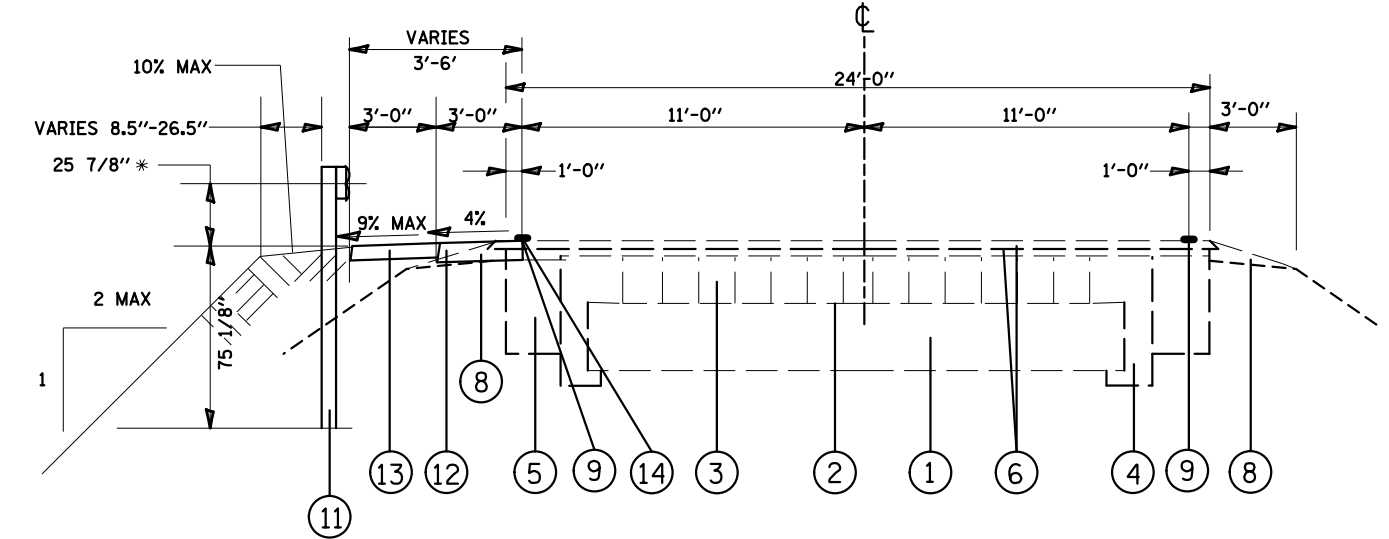
TYPICAL SECTION

LOCATION 8 - RT. STA. 315+25.63 TO STA. 319+56.88
 LOCATION 8 - LT. STA. 316+25.63 TO STA. 319+31.88
 LOCATION 10 - RT. STA. 354+81.25 TO STA. 358+93.75
 LOCATION 10 - LT. STA. 355+56.25 TO STA. 360+18.75

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et:\pw\work\p\idot\chids1\d0279782\d876f18-sh-t-plan.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. 2 OF 3 SHEETS	STA.	770	GUARDRAIL REPLACEMENT		15	6
		CHECKED -	REVISED -		TO STA.			F.A.U.		CONTRACT NO.		
		DATE -	REVISED -					8890		ILLINOIS FED. AID PROJECT		



TYPICAL SECTION
 LOCATION 6 - LT. STA. 198+24 TO 199+88.5
 (QUERCUS GROVE)

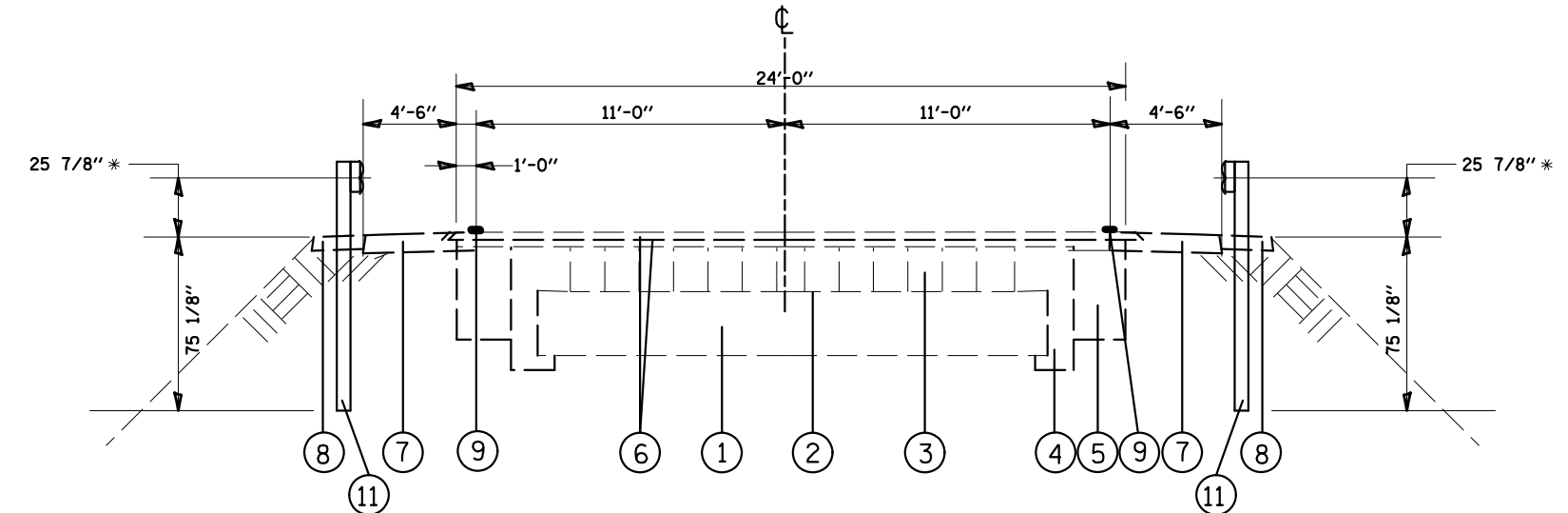


* HEIGHT OF GUARDRAIL IS INCREASED BY 1 ''
 IN PREPARATION FOR FUTURE RESURFACING

TYPICAL SECTION
 LOCATION 11 - LT. STA. 374+88.625 TO 377+82.38

LEGEND

- ① EXISTING CONCRETE BASE, 8"
- ② EXISTING MASTIC CUSHION, 1"
- ③ EXISTING BRICK PAVEMENT, 2 1/4"
- ④ EXISTING CONCRETE RETAINER, 1'-3"
- ⑤ EXISTING PC CONCRETE BASE COURSE, 8"
- ⑥ EXISTING BITUMINOUS RESURFACING WITH COLDMILLING, (VAR. 4" TO 6 1/2")
- ⑦ EXISTING HMA SHOULDER
- ⑧ EXISTING AGGREGATE SHOULDERS
- ⑨ EXISTING PAINT PAVEMENT MARKING, LINE 4"
- ⑩ EXISTING OIL AND CHIP ROAD
- ⑪ PROPOSED GUARDRAIL, 9' STEEL POST
- ⑫ PROPOSED HMA SHOULDER, 8"
- ⑬ PROPOSED AGGREGATE SHOULDER, 6"
- ⑭ PROPOSED THERMOPLASTIC PAVEMENT MARKING, LINE 4"



* HEIGHT OF GUARDRAIL IS INCREASED BY 1 ''
 IN PREPARATION FOR FUTURE RESURFACING

* HEIGHT OF GUARDRAIL IS INCREASED BY 1 ''
 IN PREPARATION FOR FUTURE RESURFACING

TYPICAL SECTION

LOCATION 7 - RT. STA. 223+37.75 TO STA. 228+12.75
 LOCATION 7 - LT. STA. 224+50.25 TO STA. 228+87.75
 LOCATION 6 - RT. STA. 198+77 TO STA. 200+25.5
 LOCATION 6 - LT. STA. 199+16 TO STA. 201+16 (RIP RAP DITCH)

FILE NAME =	USER NAME = chids1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\idot\chids1\d0279782\d876f18-sh-t-plan.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO. 3 OF 3 SHEETS	STA.	TO STA.	770	GUARDRAIL REPLACEMENT	15	7
		CHECKED -	REVISED -						F.A.U.	CONTRACT NO.		
		DATE -	REVISED -						8890	ILLINOIS FED. AID PROJECT		

LOCATION			GUARDRAIL REMOVAL (FT)	STEEL PLATE BEAM GUARD RAIL, TYPE A,9 FOOT POSTS (FOOT)	LONG-SPAN GUARDRAIL OVER CULVERT 12' 6 " SPAN (FOOT)	LONG-SPAN GUARDRAIL OVER CULVERT 18' 9 " SPAN (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)	TERMINAL MARKER DIRECT APPLIED (EACH)	GUARDRAIL MARKERS, TYPE A (EACH)	REMOVE AND REERECT RAIL ELEMENT OF EXISTING GUARDRAIL (FOOT)	REMOVE AND REERECT TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) (EACH)	REMOVE AND REERECT TRAFFIC BARRIER TERMINAL, TYPE 6 (EACH)
SITE	HAZARD STATION	SIDE										
1	10+46	LT	78	412.5			2	2	6			
2	48+38	RT	50				1	1		25	1	2
2	48+38	LT								25	2	2
4	162+49	RT	289	337.5			2	2	5			
5	179+78	RT	205	337.5			2	2	5			
5	179+78	LT	265	475			2	2	7			
6	198+01	RT	289	400			2	2	6			
6	198+01	LT	240	387.5			4	4	6			
7	226+19	RT	295	212.5	162.5		2	2	5			
7	226+19	LT	306	275	162.5		2	2	6			
8	317+85	RT	253	162.5		168.75	2	2	5			
8	317+85	LT	265	37.5		168.75	2	2	3			
10	357+25	RT	266	150	162.5		2	2	5			
10	357+25	LT	293	200	162.5		2	2	5			
11	375+73	RT	77	87.5		168.75	2	2	4			
11	375+73	LT	68	75		118.75	2	2	3			
TOTALS			3101	3550	650	625	31	31	71	50	3	4

FILE NAME =	USER NAME = childsl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE OF QUANTITIES				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pw\work\pwidot\childsl\d0279782\d876118-shit-plan.dgn	DRAWN -	REVISED -	F.A.U.						GUARDRAIL REPLACEMENT	MADISON	15	8	
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 76F18				
PLOT DATE = 3/22/2012	DATE -	REVISED -	8890		ILLINOIS FED. AID PROJECT								

PAVEMENT MARKING SCHEDULE

LOCATION	STATION	THERMOPLASTIC PAVEMENT MARKING 4" WHITE EDGE LINES (FOOT)
1	LT. 7+59.50 TO 13+40.00	580.5
4	RT. 159+50.00 TO 164+55.50	505.5
5	RT. 176+79.00 TO 181+84.50	505.5
5	LT. 177+11.50 TO 183+54.50	643.0
6	RT. 194+91.50 TO 198+77.00	385.5
6	LT. 195+69.50 TO 198+24.00	254.5
8	RT. 314+91.63 TO 319+90.88	499.3
8	LT. 315+91.63 TO 319+35.00	343.5
10	RT. 354+47.25 TO 359+27.75	480.5
10	LT. 355+22.25 TO 360+52.75	530.5
11	RT. 373+29.63 TO 377+53.88	424.3
11	LT. 374+88.63 TO 378+16.38	327.8
TOTAL		5480

PERIMETER EROSION BARRIER SCHEDULE

LOCATION	STATION	PERIMETER EROSION BARRIER (FOOT)
1	LT. 7+34.50 TO 13+65.00	630.5
4	RT. 159+25.00 TO 164+80.50	555.5
5	RT. 176+54.00 TO 182+09.50	555.5
5	LT. 176+86.50 TO 183+79.50	693.0
6	RT. 194+66.50 TO 199+02.00	435.5
6	LT. 195+52.50 TO 198+49.00	296.5
8	RT. 314+66.63 TO 320+15.88	549.3
8	LT. 315+66.63 TO 319+90.88	424.3
10	RT. 354+22.25 TO 359+52.75	530.5
10	LT. 354+97.25 TO 360+77.75	580.5
11	RT. 373+04.63 TO 377+78.88	474.3
11	LT. 374+63.63 TO 378+41.38	377.8
TOTAL		6103

SHOULDER SCHEDULE

LOCATION	STATION	HMA SHLDRS 8" (SQ YDS)	AGG SHLDR TY B 6" (SQ YD)	AGG SHLDR TY A 6" (TON)
1	LT. 7+59.50 TO 13+40.00	194	194	
4	RT. 159+50.00 TO 164+55.50	169	169	
5	RT. 176+79.00 TO 181+84.50	142	169	
5	LT. 177+11.50 TO 183+54.50	182	215	
6	RT. 194+91.50 TO 198+77.00	129	129	
6	LT. 195+69.50 TO 198+24.00	85	85	
6	LT. 199+16 TO 201+16			16
8	RT. 314+91.63 TO 319+90.88	140	167	
8	LT. 315+91.63 TO 319+35.00	89	115	
10	RT. 354+47.25 TO 359+27.75	139	161	
10	LT. 355+22.25 TO 360+52.75	149	177	
11	RT. 373+29.63 TO 377+53.88	142	142	
11	LT. 374+88.63 TO 378+16.38	110	110	
TOTAL		1670	1833	16

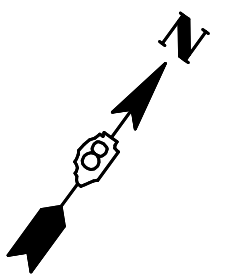
SEEDING AND EROSION CONTROL SCHEDULE

LOCATION	SEEDING CLASS 2A (SQ FT)	NITROGEN FERTILIZER NUTRIENT (POUND)	PHOSPHORUS FERTILIZER NUTRIENT (POUND)	POTASSIUM FERTILIZER NUTRIENT (POUND)	EROSION CONTROL BLANKET (SQ YD)
1	10+46 LT	4089	8.4	8.4	454
4	162+49 RT	4664	9.6	9.6	518
5	179+78 RT	3839	7.9	7.9	427
5	179+78 LT	2350	4.9	4.9	261
6	198+01 RT	3910	8.1	8.1	434
6	198+01 LT	3051	6.3	6.3	339
7	226+19 RT	592	1.2	1.2	66
7	226+19 LT	353	0.7	0.7	39
8	317+85 RT	2404	5.0	5.0	267
8	317+85 LT	2540	5.2	5.2	282
10	357+25 RT	3628	7.5	7.5	403
10	357+25 LT	3733	7.7	7.7	415
11	375+73 RT	2697	5.6	5.6	300
11	375+73 LT	1898	3.9	3.9	211
TOTALS		39,746	82	82	4416
USE	1 ACRE	82	82	82	4416

EARTHWORK SCHEDULE

LOCATION	EARTH EXCAVATION (CU YD)	EXCAVATION TO BE USED IN FILL (CU YD)	REQUIRED FILL (CU YD)	BALANCE* (CU YD)	FURNISHED EXCAVATION (CU YD)
1 LT	135	0	15	-15	15
4 RT	52	0	110	-110	110
5 RT	60	0	66	-66	66
5 LT	70	0	22	-22	22
6 RT	51	0	58	-58	58
6 LT	36	0	31	-31	31
7 RT	0	0	11	-11	11
7 LT	0	0	21	-21	21
8 RT	71	0	28	-28	28
8 LT	41	0	82	-82	82
10 RT	67	0	78	-78	78
10 LT	59	0	96	-96	96
11 LT	67	0	58	-58	58
11 RT	46	0	29	-29	29
TOTALS	755	0	705	-705	705

*"-'" = SHORT



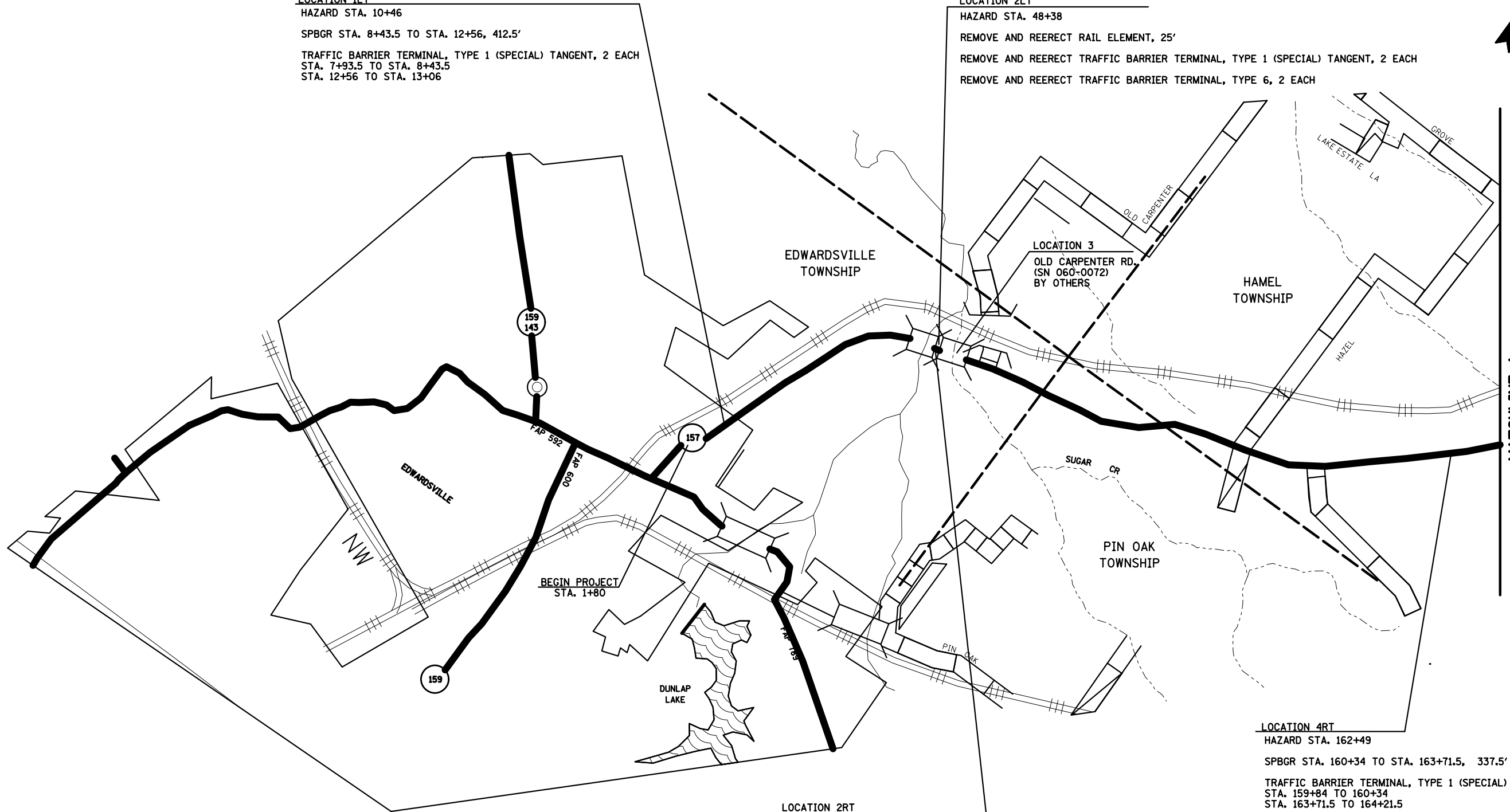
LOCATION 1LT
 HAZARD STA. 10+46
 SPBGR STA. 8+43.5 TO STA. 12+56, 412.5'
 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT, 2 EACH
 STA. 7+93.5 TO STA. 8+43.5
 STA. 12+56 TO STA. 13+06

LOCATION 2LT
 HAZARD STA. 48+38
 REMOVE AND REERECT RAIL ELEMENT, 25'
 REMOVE AND REERECT TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT, 2 EACH
 REMOVE AND REERECT TRAFFIC BARRIER TERMINAL, TYPE 6, 2 EACH

LOCATION 3
 OLD CARPENTER RD.
 (SN 060-0072)
 BY OTHERS

LOCATION 4RT
 HAZARD STA. 162+49
 SPBGR STA. 160+34 TO STA. 163+71.5, 337.5'
 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT, 2 EACH
 STA. 159+84 TO 160+34
 STA. 163+71.5 TO 164+21.5

LOCATION 2RT
 HAZARD STA. 48+38
 REMOVE AND REERECT RAIL ELEMENT, 25'
 REMOVE AND REERECT TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT, 1 EACH
 REMOVE AND REERECT TRAFFIC BARRIER TERMINAL, TYPE 6, 2 EACH
 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT @ STA 49+50, 1 EACH



NOT TO SCALE

FILE NAME =	USER NAME = chids1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GUARDRAIL LOCATION MAP				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
et:\pw\work\p\dot\chids1\d0279782\d876f18-sh1-plan.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	770	GUARDRAIL REPLACEMENT	MADISON	15	10
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -							F.A.U.				CONTRACT NO. 76F18
	PLOT DATE = 3/22/2012	DATE -	REVISED -							8890				ILLINOIS FED. AID PROJECT

LOCATION 5LT
 HAZARD STA. 179+78
 SPBGR STA. 177+95.5 TO 182+70.5, 475'
 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT, 2 EACH
 STA. 177+45.5 TO STA. 177+95.5
 STA. 182+70.5 TO STA. 183+20.5

LOCATION 8LT
 HAZARD STA. 317+85
 SPBGR, 37.5'
 STA. 316+75.625 TO STA. 317+00.625
 STA. 318+69.375 TO STA. 318+81.875
 LONG SPAN GUARDRAIL OVER CULVERT, 18' 9" , 168.75'
 STA. 317+00.625 TO STA. 318+69.375
 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT, 2 EACH
 STA. 316+25.625 TO STA. 316+75.625
 STA. 318+81.875 TO STA. 319+31.875

LOCATION 10LT
 HAZARD STA. 357+25
 SPBGR, 200'
 STA. 356+06.25 TO STA. 356+43.75
 STA. 358+06.25 TO STA. 359+68.75
 LONG SPAN GUARDRAIL OVER CULVERT, 12' -6", 162.5'
 STA. 356+43.75 TO STA. 358+06.25
 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT, 2 EACH
 STA. 355+56.25 TO STA. 356+06.25
 STA. 359+68.75 TO STA. 360+18.75

LOCATION 7LT
 HAZARD STA. 226+19
 SPBGR, 275'
 STA. 224+50.25 TO STA. 225+37.75
 STA. 227+00.25 TO STA. 228+87.75
 LONG SPAN GUARDRAIL OVER CULVERT, 12'-6", 162.5'
 STA. 225+37.75 TO STA. 227+00.25
 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT, 2 EACH
 STA. 224+00.25 TO 224+50.25
 STA. 228+87.75 TO 229+37.75

LOCATION 11LT
 HAZARD STA. 375+73
 SPBGR, 75'
 STA. 376+57.375 TO STA. 377+32.375
 LONG SPAN GUARDRAIL OVER CULVERT, 18' -9", 118.75'
 STA. 374+88.625 TO STA. 376+57.375
 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT, 2 EACH
 STA. 374+88.625 TO STA. 375+38.625
 STA. 377+33.375 TO STA. 377+82.375

LOCATION 7RT
 HAZARD STA. 226+19
 SPBGR, 212.5'
 STA. 223+87.75 TO STA. 225+37.75
 STA. 227+00.25 TO STA. 227+62.75
 LONG SPAN GUARDRAIL OVER CULVERT, 12'-6", 162.5'
 STA. 225+37.75 TO STA. 227+00.25
 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT, 2 EACH
 STA. 223+37.75 TO 223+87.75
 STA. 227+62.75 TO 228+12.75

LOCATION 6
 QUERCUS GROVE ROAD
 SEE DETAIL ON PAGE 13

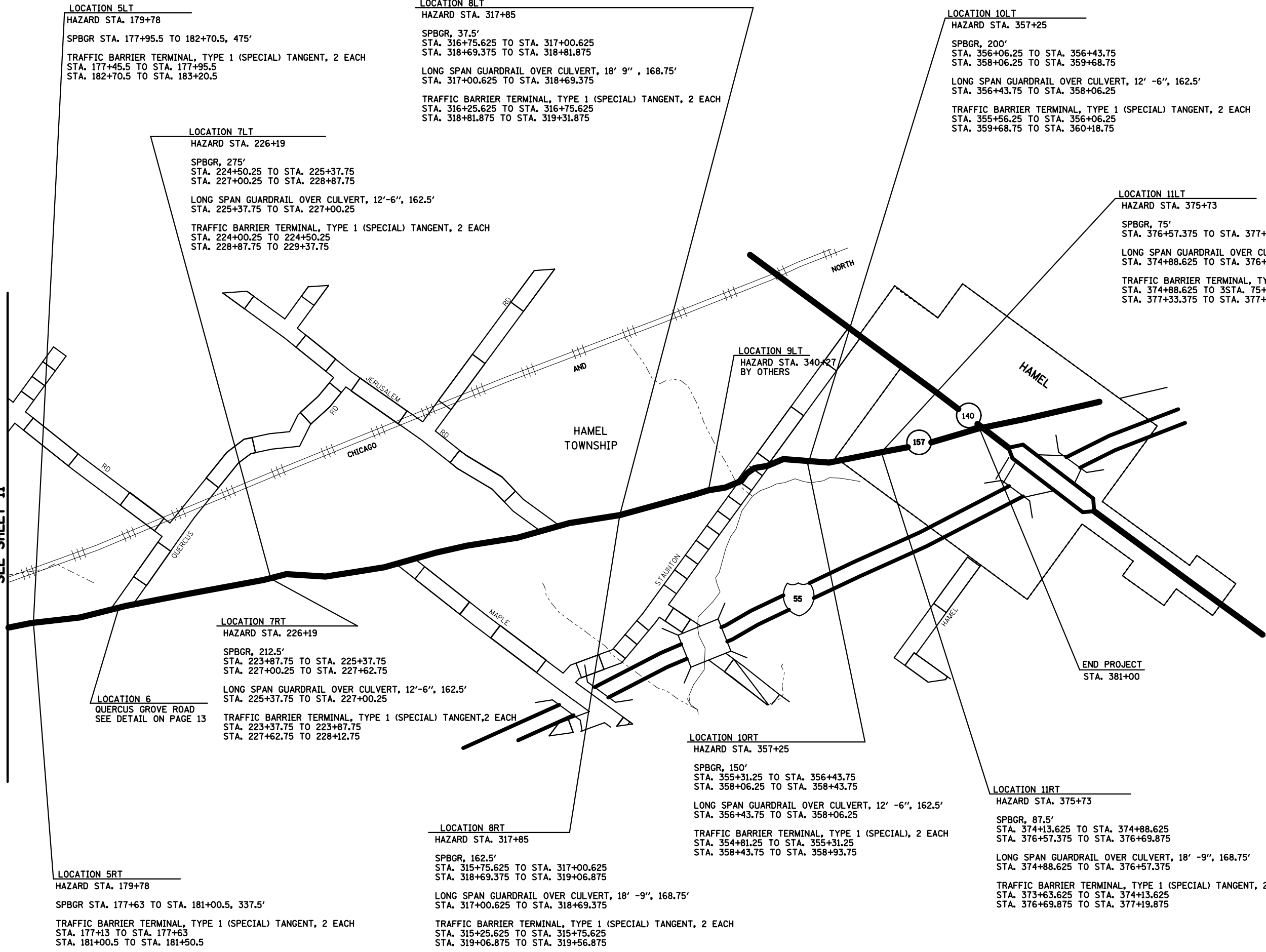
LOCATION 10RT
 HAZARD STA. 357+25
 SPBGR, 150'
 STA. 355+31.25 TO STA. 356+43.75
 STA. 358+06.25 TO STA. 358+43.75
 LONG SPAN GUARDRAIL OVER CULVERT, 12' -6", 162.5'
 STA. 356+43.75 TO STA. 358+06.25
 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL), 2 EACH
 STA. 354+81.25 TO STA. 355+31.25
 STA. 358+43.75 TO STA. 358+93.75

LOCATION 11RT
 HAZARD STA. 375+73
 SPBGR, 87.5'
 STA. 374+13.625 TO STA. 374+88.625
 STA. 376+57.375 TO STA. 376+69.875
 LONG SPAN GUARDRAIL OVER CULVERT, 18' -9", 168.75'
 STA. 374+88.625 TO STA. 376+57.375
 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT, 2 EACH
 STA. 373+63.625 TO STA. 374+13.625
 STA. 376+69.875 TO STA. 377+19.875

LOCATION 5RT
 HAZARD STA. 179+78
 SPBGR STA. 177+63 TO STA. 181+00.5, 337.5'
 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT, 2 EACH
 STA. 177+13 TO STA. 177+63
 STA. 181+00.5 TO STA. 181+50.5

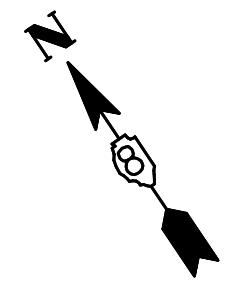
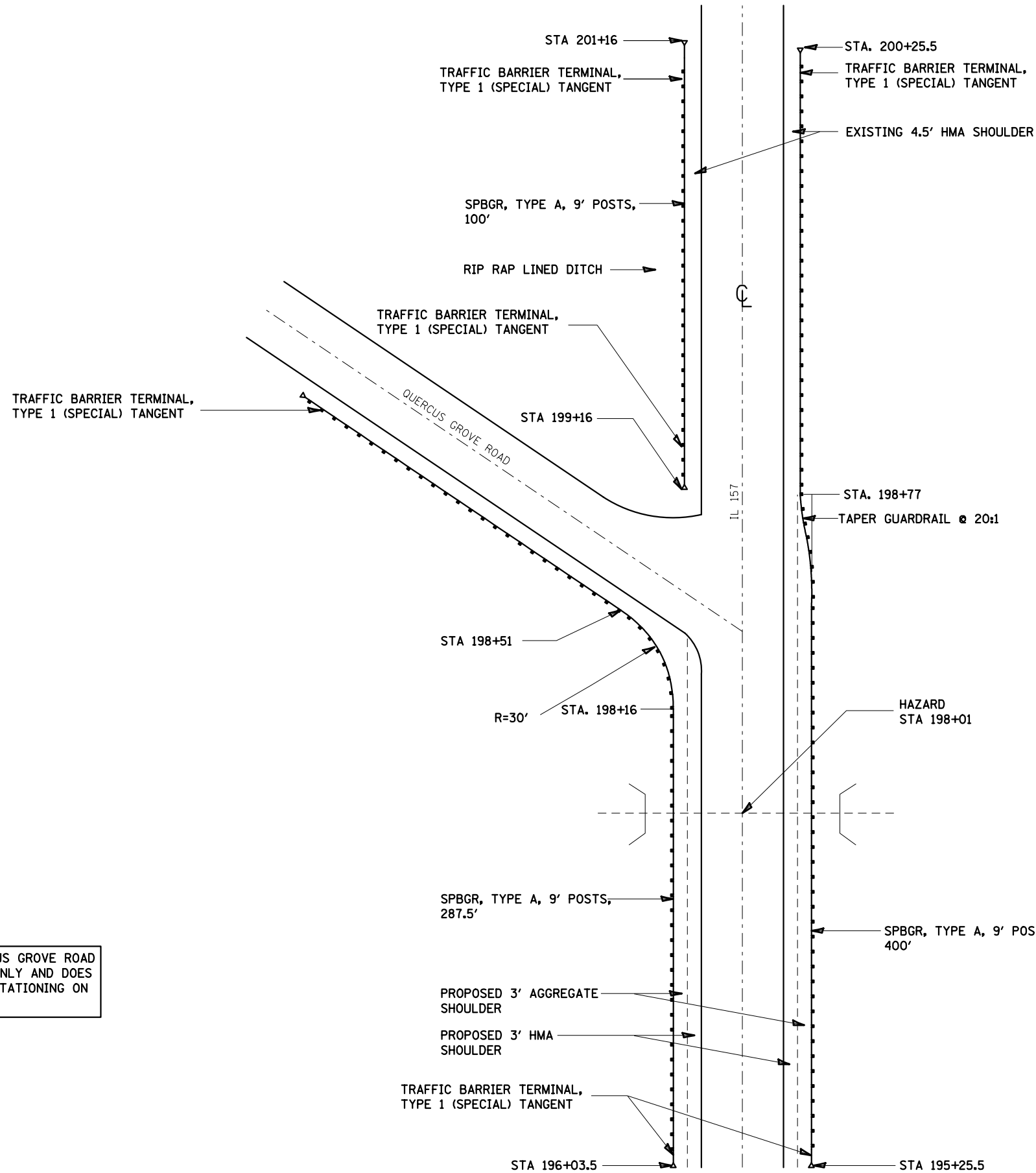
LOCATION 8RT
 HAZARD STA. 317+85
 SPBGR, 162.5'
 STA. 315+75.625 TO STA. 317+00.625
 STA. 318+69.375 TO STA. 319+06.875
 LONG SPAN GUARDRAIL OVER CULVERT, 18' -9", 168.75'
 STA. 317+00.625 TO STA. 318+69.375
 TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT, 2 EACH
 STA. 315+25.625 TO STA. 315+75.625
 STA. 319+06.875 TO STA. 319+56.875

MATCHLINE A
SEE SHEET 11



NOT TO SCALE

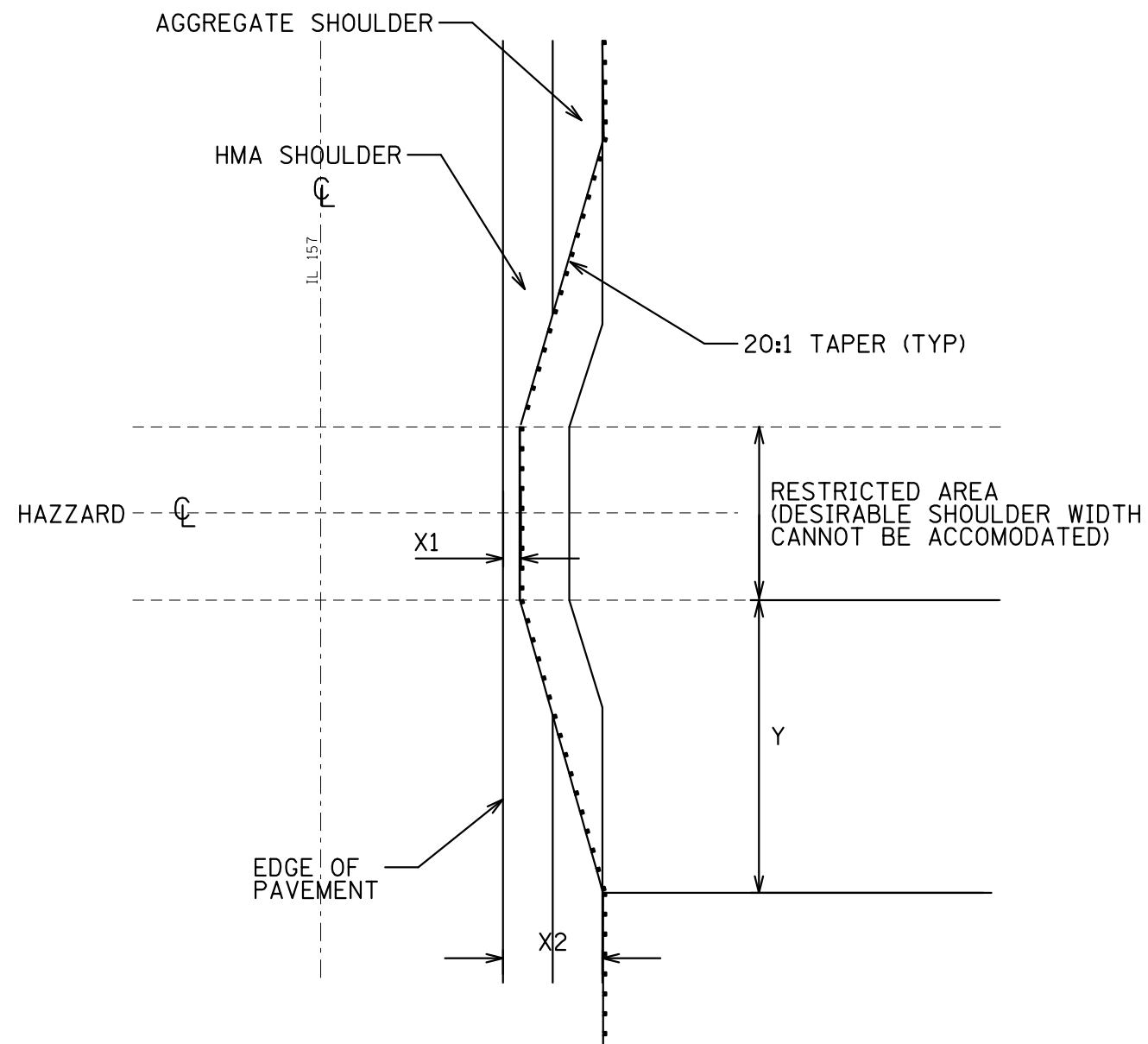
FILE NAME =	USER NAME = childsl	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GAURDRAIL LOCATION MAP			F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.			
et:\pw\work\p\midot\childsl\d0279782\d876188-sh1-plan.dgn		DRAWN -	REVISED -		SCALE:	SHEET NO.	OF	SHEETS	STA.	TO STA.	770	GUARDRAIL REPLACEMENT	MADISON	15	11
		CHECKED -	REVISED -								F.A.U.	CONTRACT NO. 76F18			
		DATE -	REVISED -								8890	ILLINOIS FED. AID PROJECT			



NOTE:
 STATIONING ON QUERCUS GROVE ROAD IS FOR INFORMATION ONLY AND DOES NOT CORRESPOND TO STATIONING ON IL 157

NOT TO SCALE

FILE NAME =	USER NAME = chids1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LOCATION #6 DETAIL				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		F.A.U.			CONTRACT NO. 76F18					
PLOT DATE = 3/22/2012		DATE -	REVISED -		8890		ILLINOIS FED. AID PROJECT						
					SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.				



LOCATION	X1 (FT)	X2 (FT)	Y (FT)
5RT	1	6	100
5LT	1	3	40
8RT	1	6	100
8TL	1	6	100
10RT	1	6	100
10LT	1	6	100
11LT	3	6	60

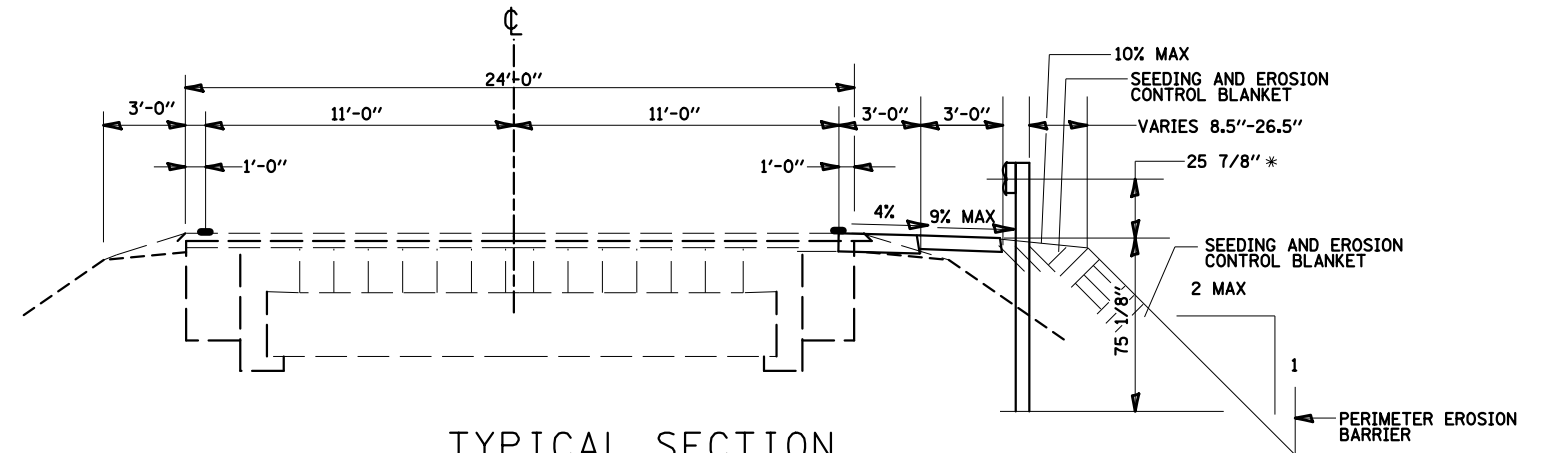
ALL DIMENSIONS IN FEET

NOT TO SCALE

FILE NAME =	USER NAME = chids1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TAPER DETAIL				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\chids1\d0279782\d876f18-sh1-plan.dgn	DRAWN -	REVISED -	REVISED -						F.A.U.	GUARDRAIL REPLACEMENT	MADISON	15	13
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	CONTRACT NO. 76F18			
	PLOT DATE = 3/22/2012	DATE -	REVISED -		8890	ILLINOIS FED. AID PROJECT							

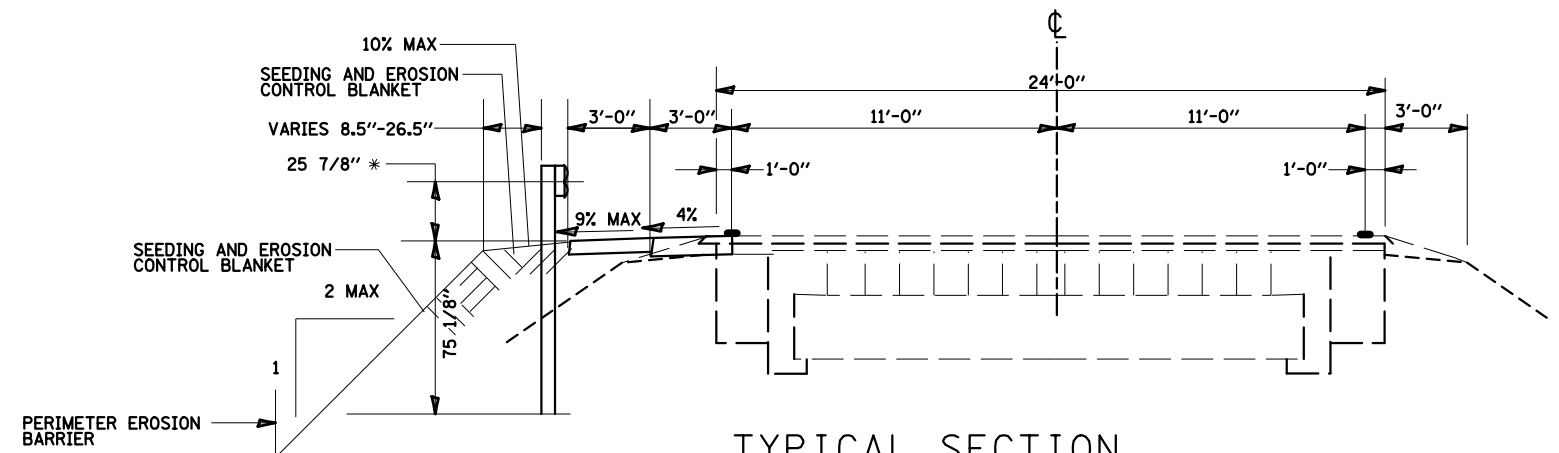
EROSION AND SETTLEMENT CONTROL

1. THE WORK DESCRIBED ON THESE DRAWINGS ARE AN INTEGRAL PART OF THE STORM WATER POLLUTION PREVENTION PLAN USED TO OBTAIN THE NPDES FROM IEPA FOR THE CONSTRUCTION OF THIS PROJECT.
2. THE PURPOSE OF THE EROSION AND SEDIMENT CONTROL MEASURES INCLUDED FOR THIS PROJECT IS TO LIMIT THE SEDIMENT POLLUTION IMPACT OF ANY STORM WATER DISCHARGES THAT ORIGINATE ON THIS SITE OR OFF- SITE FLOWS THAT FLOW OVER THE DISTURBED AREAS OR DOWNSTREAM AREAS.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO INSURE THAT SEDIMENT TRANSPORTED OFF THE JOB SITE IS REDUCED BY A COMBINATION OF MINIMIZATION OF EROSION AT THE SOURCE AND INSTALLATION OF SPECIFIC MEASURES TO CONTROL OR REDUCE THE TRANSPORT OF SEDIMENT. A COPY OF THE EROSION AND SEDIMENT CONTROL SCHEDULE BEING IMPLEMENTED BY THE CONTRACTOR WILL BE ON THE CONSTRUCTION SITE AT ALL TIMES.
4. TO THE MAXIMUM EXTENT POSSIBLE, ALL FLOWS ORIGINATING OFF THE CONSTRUCTION SITE WILL BE DIVERTED AROUND DISTURBED AREAS OR WILL BE CONVEYED THROUGH THE SITE IN A MANNER THAT UNTREATED ON -SITE RUNOFF DOES NOT MIX WITH THE OFF- SITE RUNOFF.
5. ALL RUNOFF ORIGINATING ON DISTURBED AREAS ASSOCIATED WITH THIS PROJECT WILL PASS THROUGH ONE OR MORE MEASURES THAT WILL MINIMIZE THE OFF- SITE SEDIMENT IMPACTS OF THE CONSTRUCTION ACTIVITY.
6. DISTURBED AREAS ARE TO BE PROTECTED FROM EROSION IN A TIMELY MANNER. UPON COMPLETION OF GRADING OR CONSTRUCTION, THE AREA WILL STABILIZED USING PERMANENT MEASURES.
7. THE CONTRACTOR SHALL DESIGNATE ONE OF HIS EMPLOYEES AS RESPONSIBLE FOR IMPLEMENTATION OF THE EROSION AND SEDIMENT CONTROL PLAN ON ALL DISTURBED AREAS. THIS PERSON IS TO BE KNOWLEDGEABLE ABOUT INSTALLATION AND MAINTENANCE OR THE REQUIRED MEASURES. THIS EMPLOYEE IS TO HAVE THE AUTHORITY TO CARRY OUT THE IMPLEMENTATION OF ANY INSTRUCTIONS CONCERNING THE EROSION AND SEDIMENT CONTROL PLAN GIVEN BY THE ENGINEER. ALL MEASURES WILL BE INSPECTED BY THIS INDIVIDUAL AND THE ENGINEER ON A REGULAR BASIS (AT LEAST ONCE EVERY SEVEN DAYS) AND AFTER RAINFALL EVENTS GREATER THAN 1/2 INCH.
8. ALL AREAS DISTURBED BY THE CONTRACTOR OUTSIDE THE PROPOSED CONSTRUCTION LIMITS SHALL BE SEEDED AT THE CONTRACTOR'S EXPENSE.
9. THE RESIDENT ENGINEER SHALL HAVE FINAL DETERMINATION OF THE PLACEMENT AND LOCATION OF THE PERIMETER EROSION BARRIER.
10. SEE EROSION AND SEDIMENT CONTROL PLANS FOR PLACEMENT OF ALL EROSION AND SEDIMENT CONTROL PAY ITEMS.



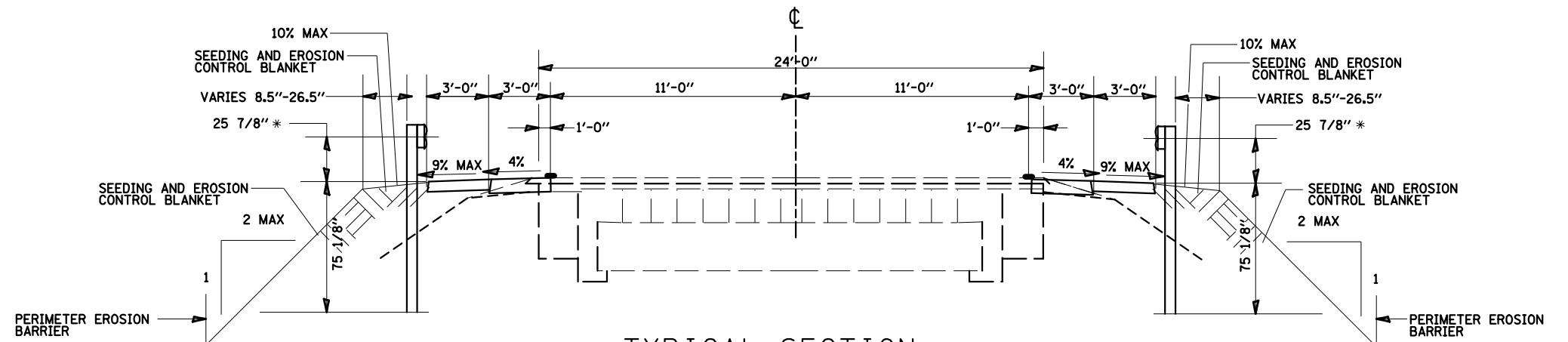
TYPICAL SECTION

LOCATION 4 - RT. STA. 159+25 TO 164+80.50
 LOCATION 11 - RT. STA. 373+04.63 TO 377+78.88



TYPICAL SECTION

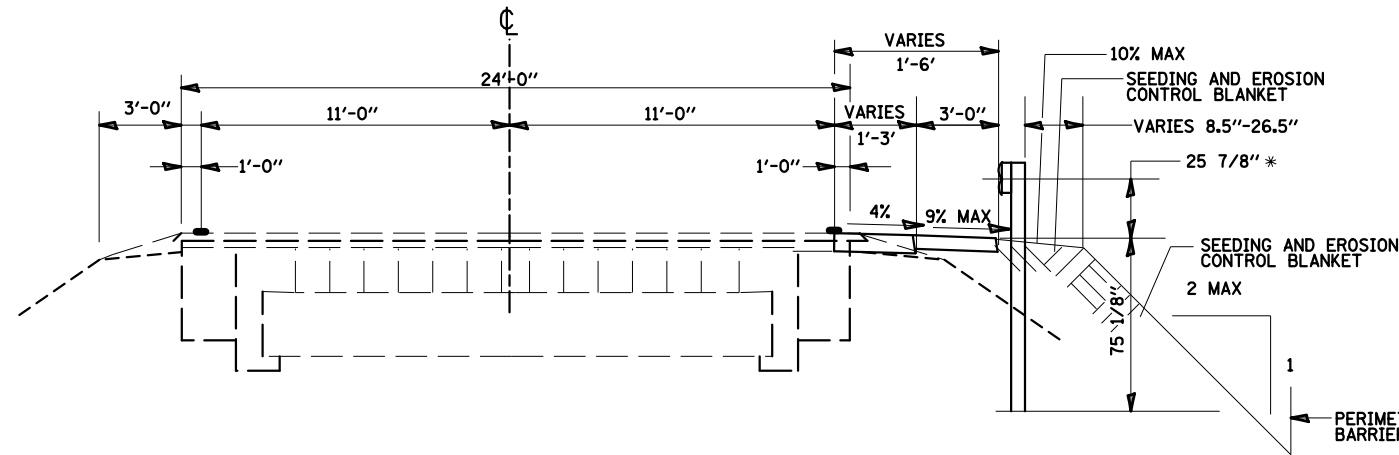
LOCATION 1 - LT. STA. 7+34.50 TO 13+65.00



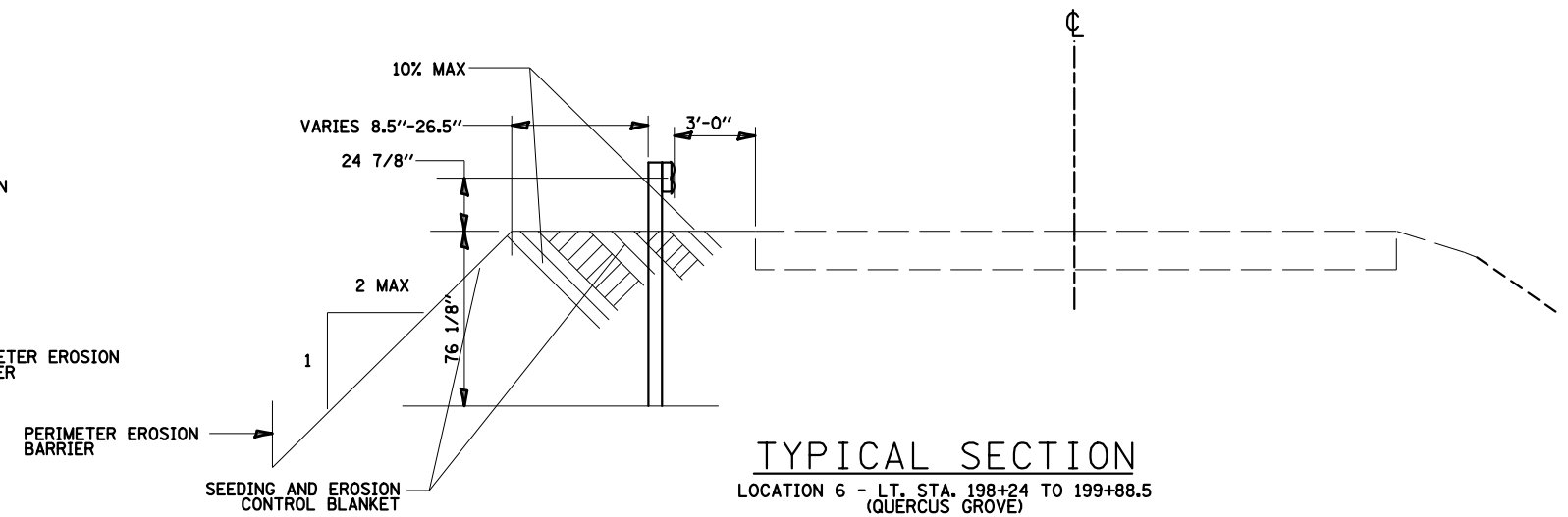
TYPICAL SECTION

LOCATION 6 - RT. STA. 194+66.50 TO 199+02.00
 LOCATION 6 - LT. STA. 195+52.50 TO 198+49.00

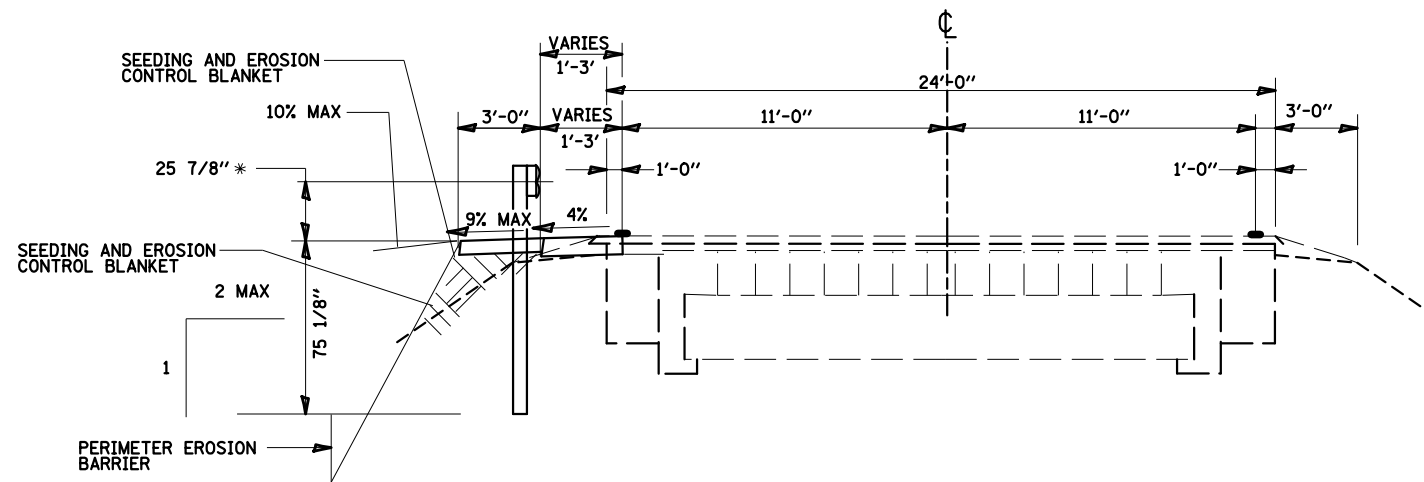
FILE NAME =	USER NAME = chids1	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION AND SEDIMENT CONTROL DETAILS	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
et:\pwork\pwork\chids1\d0279782\d876f18-shit-plan.dgn	DRAWN -	REVISED -	770			GUARDRAIL REPLACEMENT	MADISON	15	14	
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	F.A.U.			CONTRACT NO. 76F18				
PLOT DATE = 3/22/2012	DATE -	REVISED -	8890			ILLINOIS FED. AID PROJECT				
						SCALE:	SHEET NO. 1 OF 2 SHEETS	STA.	TO STA.	



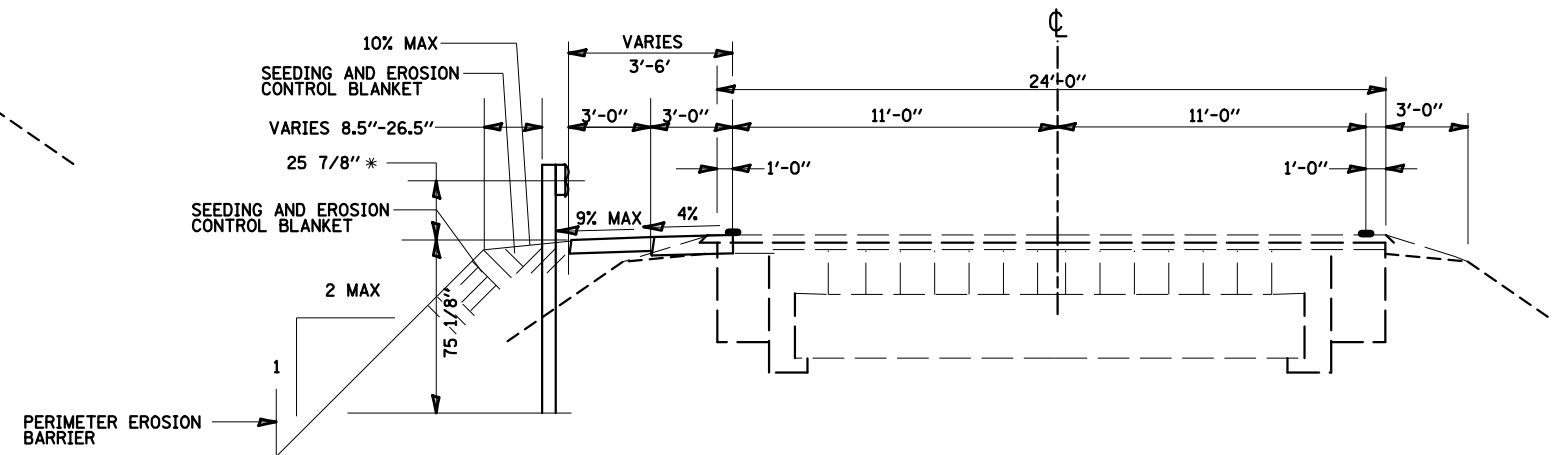
TYPICAL SECTION
LOCATION 5 - RT. STA. 176+54.00 TO 182+09.50



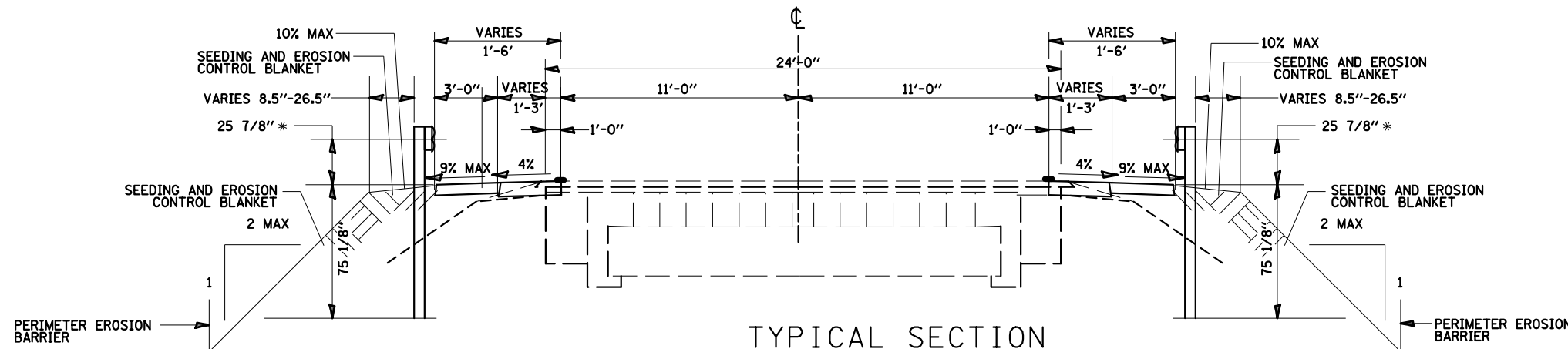
TYPICAL SECTION
LOCATION 6 - LT. STA. 198+24 TO 199+88.5
(QUERCUS GROVE)



TYPICAL SECTION
LOCATION 5 - LT. STA. 176+86.50 TO 183+79.50



TYPICAL SECTION
LOCATION 11 - LT. STA. 374+63.63 TO 378+41.38



TYPICAL SECTION
LOCATION 8 - RT. STA. 314+66.63 TO STA. 320+15.88
LOCATION 8 - LT. STA. 315+66.63 TO STA. 319+90.88
LOCATION 10 - RT. STA. 354+22.25 TO STA. 359+52.75
LOCATION 10 - LT. STA. 354+97.25 TO STA. 360+77.75

FILE NAME =
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PLOT SCALE = 100.0000' / in.
PLOT DATE = 3/22/2012

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION AND SEDIMENT CONTROL DETAILS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	GUARDRAIL REPLACEMENT		15	15
F.A.U.	CONTRACT NO.			
8890	ILLINOIS FED. AID PROJECT			