

1-20-2012 LETTING ITEM 049

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

**PROPOSED  
HIGHWAY PLANS**

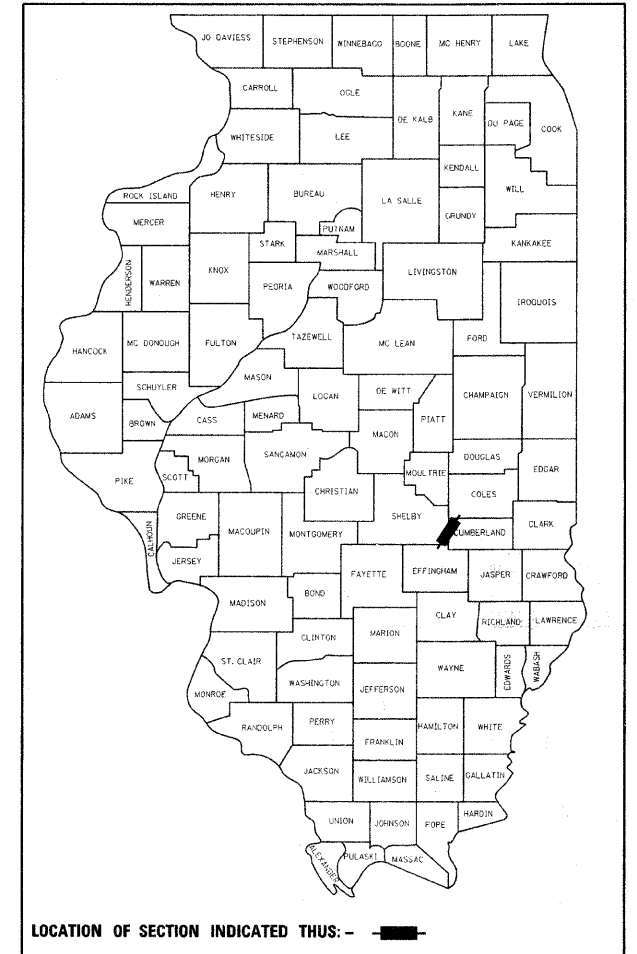
FAI ROUTE 57 (I-57)  
SECTION (87-1, 18-1, 18-1-1)RS-1  
PROJECT IM-057-4(130)168  
INTERSTATE RESURFACING (3R)  
SHELBY AND CUMBERLAND COUNTIES

C-97-109-10

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	87-1RS-1	ILLINOIS	32	1
CONTRACT NO. 74467				

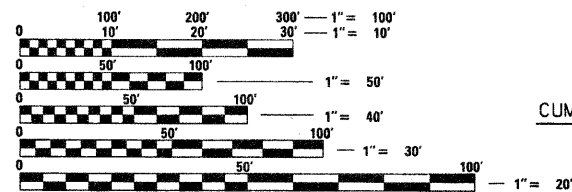
• Shelby, Cumberland

D-97-050-10



FOR INDEX OF SHEETS, SEE SHEET NO. 2

2010 ADT = 17,400

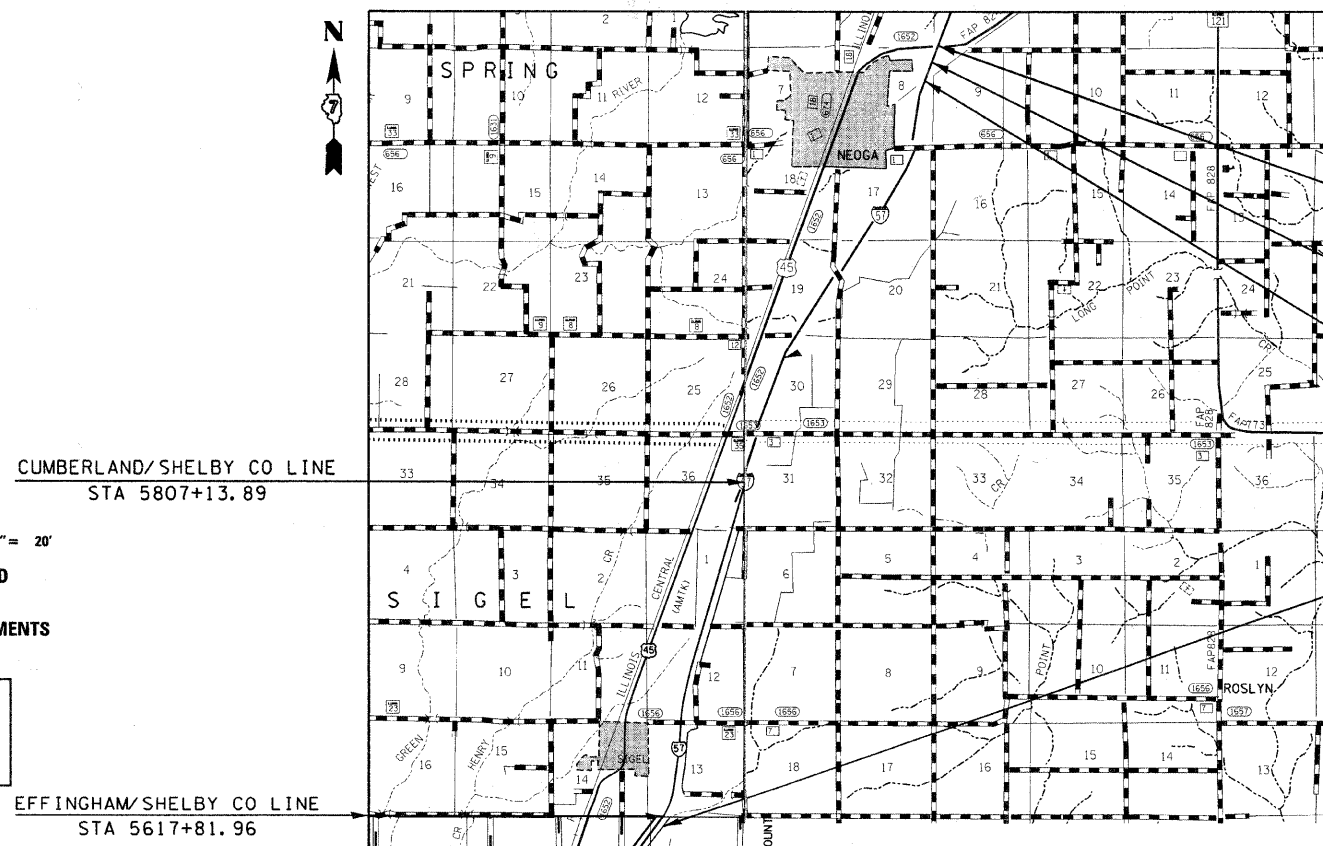


FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

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

PROJECT ENGINEER: MARK DAUGHERTY  
PROJECT MANAGER: JOYCE HEMMEN

CONTRACT NO. 74467



STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF HIGHWAYS

SUBMITTED October 11 2011  
Reg Z Driskell  
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

December 9 2011  
Scott E. Stitt P.E. Jr  
acting ENGINEER OF DESIGN AND ENVIRONMENT

December 9 2011  
William R. Frey Jr  
interim DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

GENERAL NOTES

THE PROPOSED PROJECT IS LOCATED ON I-57 IN SHELBY AND CUMBERLAND COUNTIES. SECTION (87-1 RS-1) BEGINS AT APPROXIMATELY THE EFFINGHAM-SHELBY COUNTY LINE AND EXTENDS NORTHWARD FOR ABOUT 8.7 MILES TO US 45 IN NEOGA. THE WORK CONSISTS OF PAVEMENT PATCHING, HMA SURFACE REMOVAL, HMA RESURFACING, GUARDRAIL REMOVAL AND REPLACEMENT AND ANY OTHER WORK NECESSARY TO COMPLETE THE SECTION.

THE SUPERELEVATION ON THE CURVE FROM STATION 5610+15 TO 5643+27 SHALL BE INCREASED FROM 1% TO 2%.

MINIMUM VERTICAL CLEARANCE OF 16 FEET MUST BE MAINTAINED UNDER EACH OF THE FOUR OVERHEAD STRUCTURES WITHIN THE LIMITS OF THE PROJECT.

PAVEMENT MARKING SHALL BE APPLIED IN ACCORDANCE WITH SECTION 780 OF THE STANDARD SPECIFICATIONS. SHORT TERM PAVEMENT MARKING SHALL BE APPLIED TO THE FIRST LIFT OF HOT-MIX ASPHALT AS SPECIFIED IN SECTION 703 OF THE STANDARD SPECIFICATIONS.

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

BITUMINOUS MATERIALS (PRIME COAT) SHALL BE EITHER RC-70 OR AN EMULSIFIED POLYMER PRIME SS-1HP OR SS-1H.

AGGREGATE SHOULDERS SHALL BE CRUSHED STONE OR CRUSHED CONCRETE.

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

COST OF REMOVAL OF TEMPORARY RAMP SHALL BE INCLUDED IN THE UNIT PRICE FOR TEMPORARY RAMP.

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE TO THIS PROJECT:

APPLICATION	AC/PG	DESIGN AIR VOIDS	MIXTURE COMPOSITION	FRICTION AGGREGATE
SURFACE COURSE	SBS PG 70-22	4.0% @ N=105	1L - 9.5	MIXTURE D
BINDER COURSE	SBS PG 70-22	4.0% @ N=105	1L - 19.0	NA
SHOULDER	PG 64-22	4.0% @ N=30	1L - 19.0L	NA

INDEX OF SHEETS

SHEET NO.	TITLE
1	COVER SHEET
2	INDEX OF SHEETS / GENERAL NOTES
3	SUMMARY OF QUANTITIES
4-5	TYPICAL SECTIONS
6	PAVING SCHEDULE
7	PAVEMENT MARKING SCHEDULE
8	TIES AND MEDIAN CROSSOVER DETAIL
9	DETAILS
10-25	PLAN SHEETS
26	AERIAL SPEED ZONE CHECKS DETAIL
27-30	PAVEMENT MARKING AND RRP DETAILS
31-32	TRAFFIC BARRIER TERMINAL, TYPE 6B SPECIAL DETAIL

THE FOLLOWING STANDARDS ARE A PART OF THESE PLANS AND ARE INCLUDED AFTER SHEET NO. :

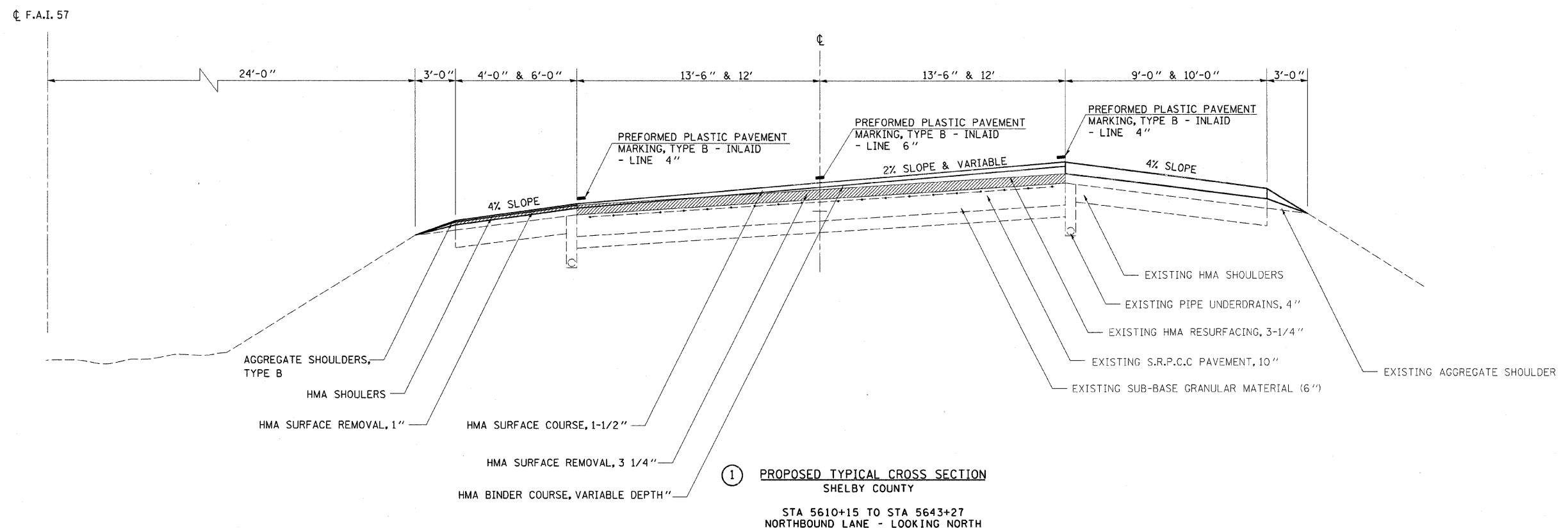
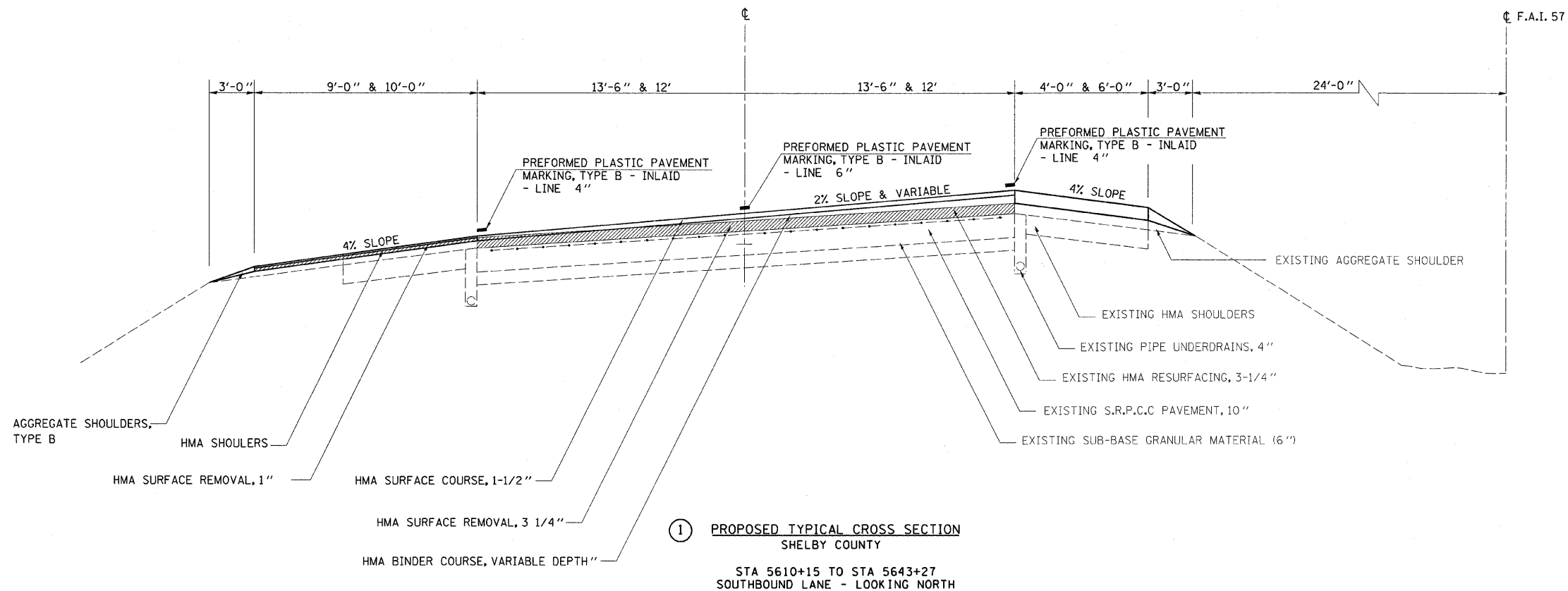
000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
420701-02	PAVEMENT FABRIC
442101-07	CLASS B PATCHES
482001-02	HMA SHOULDER ADJACENT TO FLEXIBLE PAVEMENT
630001-10	STEEL PLATE BEAM GUARDRAIL
630301-05	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-08	TRAFFIC BARRIER TERMINAL, TYPE 2
631026-05	TRAFFIC BARRIER TERMINAL, TYPE 5
631031-10	TRAFFIC BARRIER TERMINAL, TYPE 6
631031-10	TRAFFIC BARRIER TERMINAL, TYPE 6A
631033-04	TRAFFIC BARRIER TERMINAL, TYPE 6B
635001-01	DELINEATORS
635006-03	REFLECTOR AND TERMINAL MARKER PLACEMENT
635011-02	REFLECTOR MARKER AND MOUNTING DETAILS
642001-02	SHOULDER RUMBLE STRIPS
701101-02	OFF-ROAD OPERATIONS, MULTILANE, 15' TO 24" FROM PAVEMENT EDGE
701106-02	OFF-ROAD OPERATIONS, MULTILANE, MORE THAN 15' AWAY
701400-05	APPROACH TO LANE CLOSURE, FREEWAY/EXPRESSWAY
701401-06	LANE CLOSURE, FREEWAY/EXPRESSWAY
701406-06	LANE CLOSURE, FREEWAY/EXPRESSWAY, DAY OPERATIONS ONLY
701411-08	LANE CLOSURE, MULTILANE, AT ENTRANCE OR EXIT RAMP, FOR SPEEDS >= 45 MPH
701426-04	LANE CLOSURE, MULTILANE, INTERMITTENT OR MOVING OPER., FOR SPEEDS >= 45 MPH
701456-02	PARTIAL EXIT RAMP CLOSURE FREEWAY / EXPRESSWAY
701901-02	TRAFFIC CONTROL DEVICES
720011-01	METAL POSTS FOR SIGN MARKERS AND DELINEATORS
780001-03	TYPICAL PAVEMENT MARKINGS
781001-03	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS

FILE NAME =	USER NAME = teasleyok	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>GENERAL NOTES &amp; INDEX OF SHEETS</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
es:\pwwork\pwwork\teasleyok\c0264645\0774467-shr\gennote.dgn	DRAWN -	REVISED -	57			.	.	32	2		
PLOT SCALE = 50.0000' / 1" =	CHECKED -	REVISED -	CONTRACT NO. 74467								
PLOT DATE = 9/29/2011	DATE -	REVISED -	ILLINOIS FED. AID PROJECT								
SCALE:						SHEET NO. OF SHEETS	STA.	TO STA.			

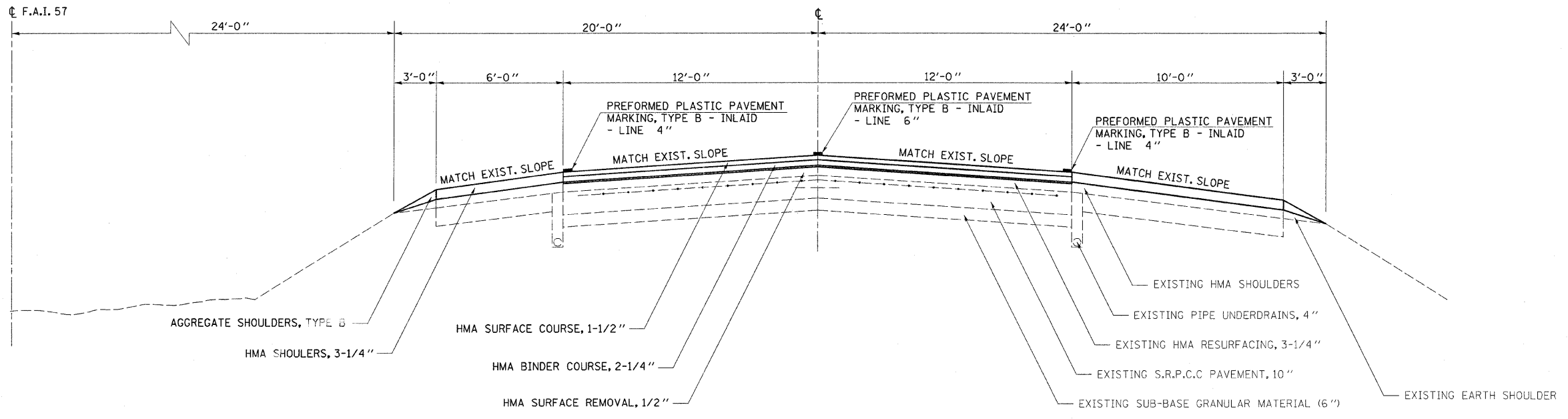
SUMMARY OF QUANTITIES			90% FED 10% STATE CONSTRUCTION TYPE CODE			SUMMARY OF QUANTITIES			90% FED. 10% STATE CONSTRUCTION TYPE CODE		
CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 SHELBY CO.	0005 CUMBERLAND CO.	CODE NO	ITEM	UNIT	TOTAL QUANTITIES	0005 SHELBY CO.	0005 CUMBERLAND CO.
20400800	FURNISHED EXCAVATION	CU YD	46		46	63500105	DELINEATORS	EACH	248	99	149
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	83078	35020	48058	64200116	SHOULDER RUMBLE STRIPS, 16 INCH	FOOT	183214	78796	104418
40600300	AGGREGATE (PRIME COAT)	TON	831	350	481	66101150	HOT-MIX ASPHALT SHOULDER CURB	FOOT	1418		1418
40600895	CONSTRUCTING TEST STRIP	EACH	1	1		67000500	ENGINEER'S FIELD OFFICE, TYPE B	CAL MO	6	2	4
40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SQ YD	2080		2080	67100100	MOBILIZATION	L SUM	1	1	
40600990	TEMPORARY RAMP	SQ YD	691	118	573	70100420	TRAFFIC CONTROL AND PROTECTION, STANDARD 701411	EACH	2		2
40603245	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N105	TON	33299	14777	18522	70100700	TRAFFIC CONTROL AND PROTECTION, STANDARD 701406	L SUM	1	0.5	0.5
40603550	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, MIX "D", N105	TON	21353	8874	12479	70100800	TRAFFIC CONTROL AND PROTECTION, STANDARD 701401	L SUM	1	0.5	0.5
44213100	PAVEMENT FABRIC	SQ YD	738	530	208	70100825	TRAFFIC CONTROL AND PROTECTION, STANDARD 701456	L SUM	1	0.5	0.5
44000151	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2"	SQ YD	227733	85677	142056	70103815	TRAFFIC CONTROL SURVEILLANCE	CAL DA	41	17	24
44000153	HOT-MIX ASPHALT SURFACE REMOVAL, 1"	SQ YD	5600	5600		70300100	SHORT TERM PAVEMENT MARKING	FOOT	66836	28367	38469
44000162	HOT-MIX ASPHALT SURFACE REMOVAL, 3/4"	SQ YD	19124	18241	883	70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	213096	88645	124451
44000300	CURB REMOVAL	FOOT	1418		1418	70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	5496	2364	3132
44201007	CLASS B PATCHES, TYPE II, 13 INCH	SQ YD	3321	1199	2122	* 78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	104		104
44201011	CLASS B PATCHES, TYPE III, 13 INCH	SQ YD	271	183	88	* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	92		92
44201013	CLASS B PATCHES, TYPE IV, 13 INCH	SQ YD	467	347	120	* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	36		36
44201299	DOWEL BARS 1 1/2"	EACH	7920	3010	4910	* 78004210	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 4"	FOOT	190194	78795	111399
44213200	SAW CUTS	FOOT	20425	8000	12425	* 78004230	PREFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID - LINE 6"	FOOT	22902	9850	13052
44213204	TIE BARS 3/4"	EACH	198	142	56	* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	2343	1027	1316
48101200	AGGREGATE SHOULDERS, TYPE B	TON	6461	2710	3751	* 78200410	GUARDRAIL MARKERS, TYPE A	EACH	205	61	144
48203100	HOT-MIX ASPHALT SHOULDERS	TON	30076	12056	18020	* 78201000	TERMINAL MARKER - DIRECT APPLIED	EACH	39	14	25
60260100	INLETS TO BE ADJUSTED	EACH	6		6	* X0323583	SPEED INDICATOR SIGN	CAL DA	180	77	103
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	10000	2925	7075	X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	11467	2867	8600
* 63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	1363		1363	* X6311217	TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL)	EACH	2		2
* 63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	25	12	13	X6350120	DELINEATOR REMOVAL	EACH	495	197	298
* 63100070	TRAFFIC BARRIER TERMINAL, TYPE 5	EACH	2		2	* Z0008758	AERIAL SPEED CHECK MARKING	FOOT	48		48
* 63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	4		4	Z0034105	MATERIAL TRANSFER DEVICE	TON	54,652	23,651	31,001
* 63100087	TRAFFIC BARRIER TERMINAL, TYPE 6A	EACH	3		3	Z0076600	TRAINEES	HOUR	500	200	300
* 63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	6	4	2						
* 63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	38	14	24						
63200310	GUARDRAIL REMOVAL	FOOT	15123	4141	10982						
* 63400105	GUARD POSTS	EACH	9	3	6						

\*SPECIALTY ITEM

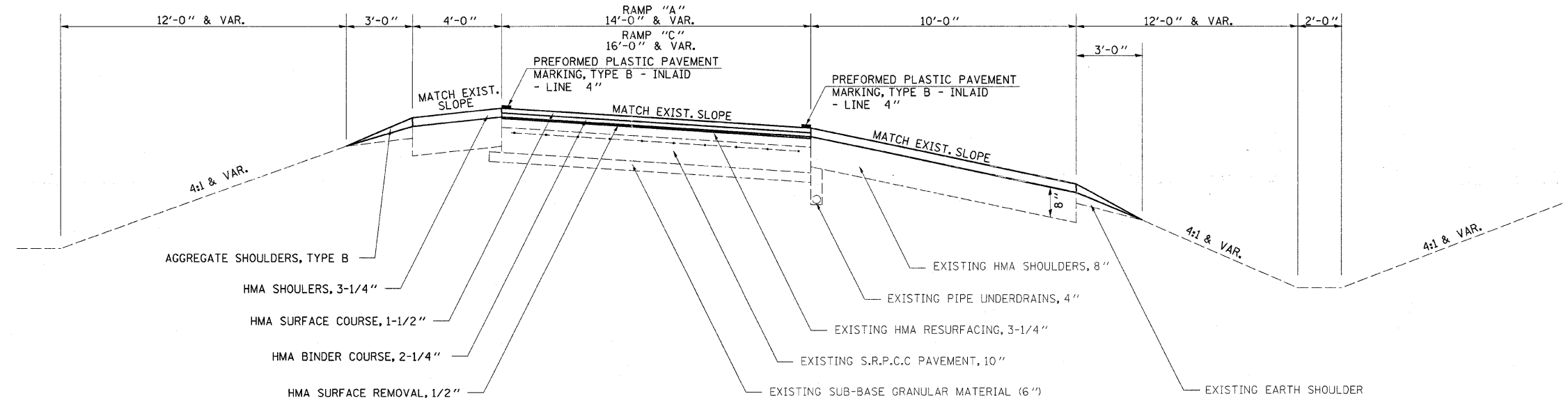
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	PLOT DATE = 9/29/2011	DATE -	REVISED -					ILLINOIS FED. AID PROJECT				



FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TYPICALS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
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PLOT DATE = 9/29/2011		DATE -	REVISED -											
ILLINOIS FED. AID PROJECT												CONTRACT NO. 74467		



② PROPOSED TYPICAL CROSS SECTION  
 SHELBY AND CUMBERLAND COUNTY  
 STA 5643+27 TO STA 6056+55.7  
 STA EQUATION 6056+55.7(BK) = STA 103+21.94(AH)  
 STA 103+21.94 TO STA 117+79.21  
 NB LOOKING NORTH  
 SB LOOKING SOUTH



③ PROPOSED TYPICAL CROSS SECTION  
 CUMBERLAND COUNTY  
 RAMPS "A" AND "C" AT  
 I-57/U. S. 45 INTERCHANGE  
 RAMP "A": STA 0+12.42 TO STA 18+52.53  
 RAMP "C": STA 0+00.00 TO STA 18+87.70

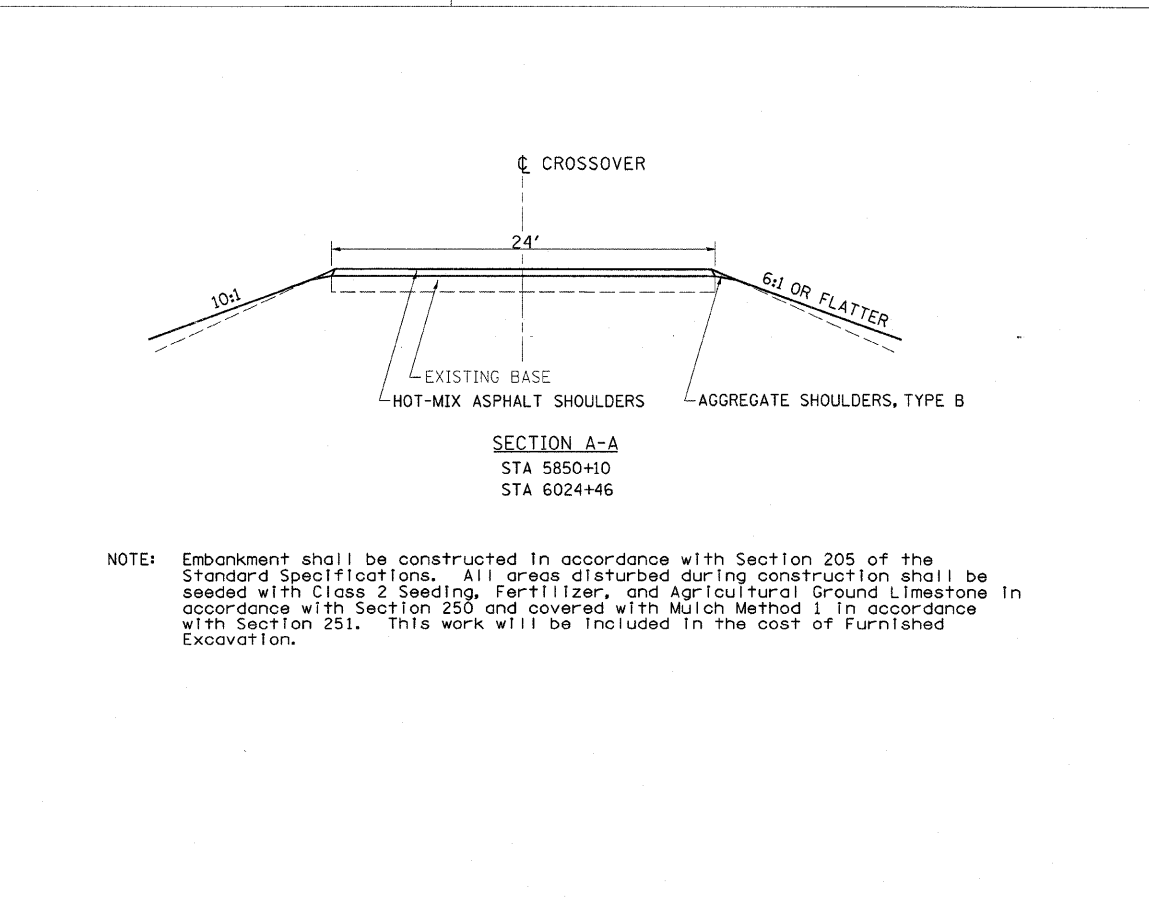
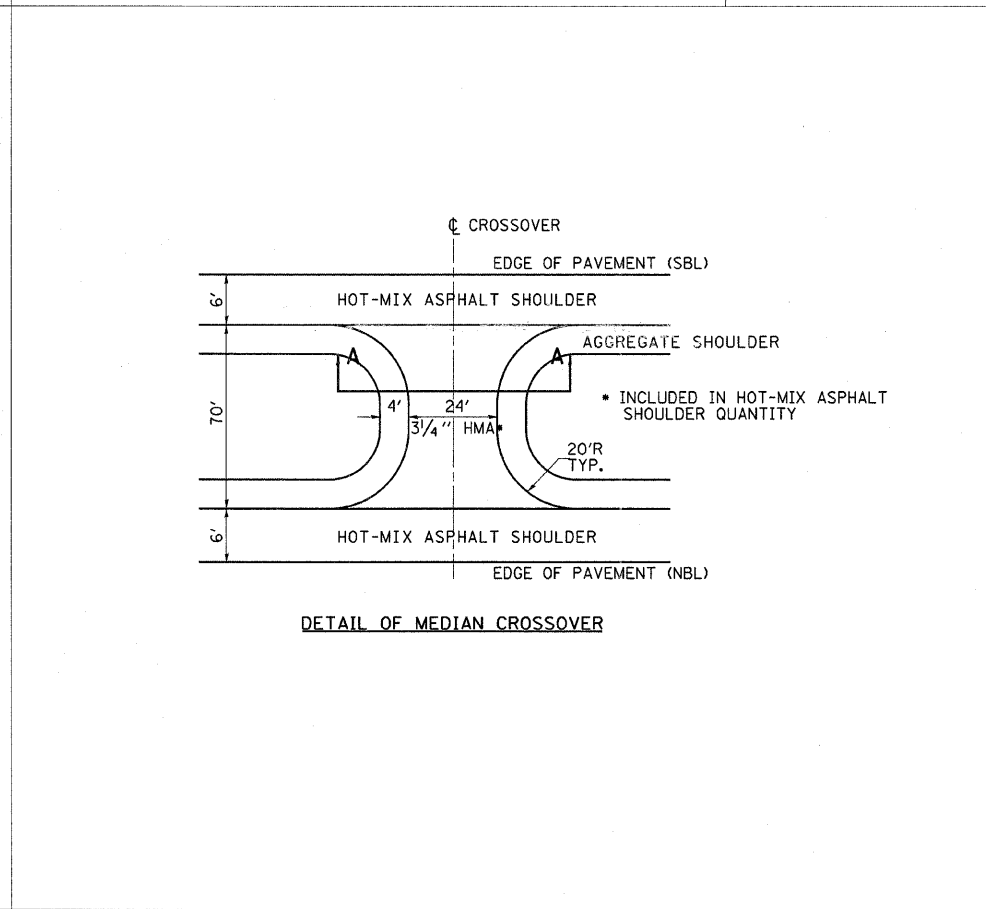
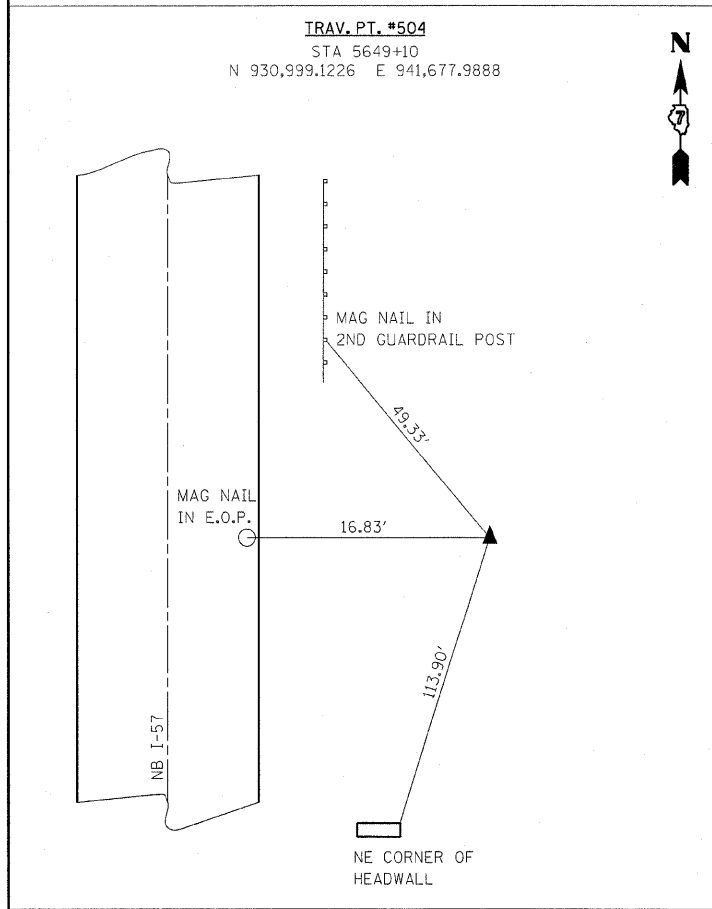
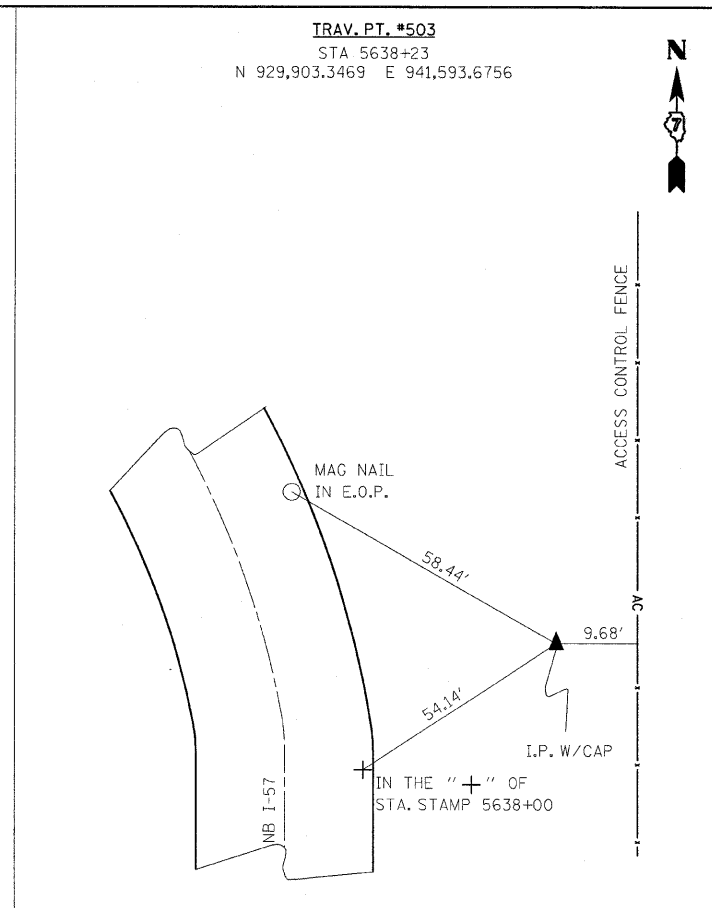
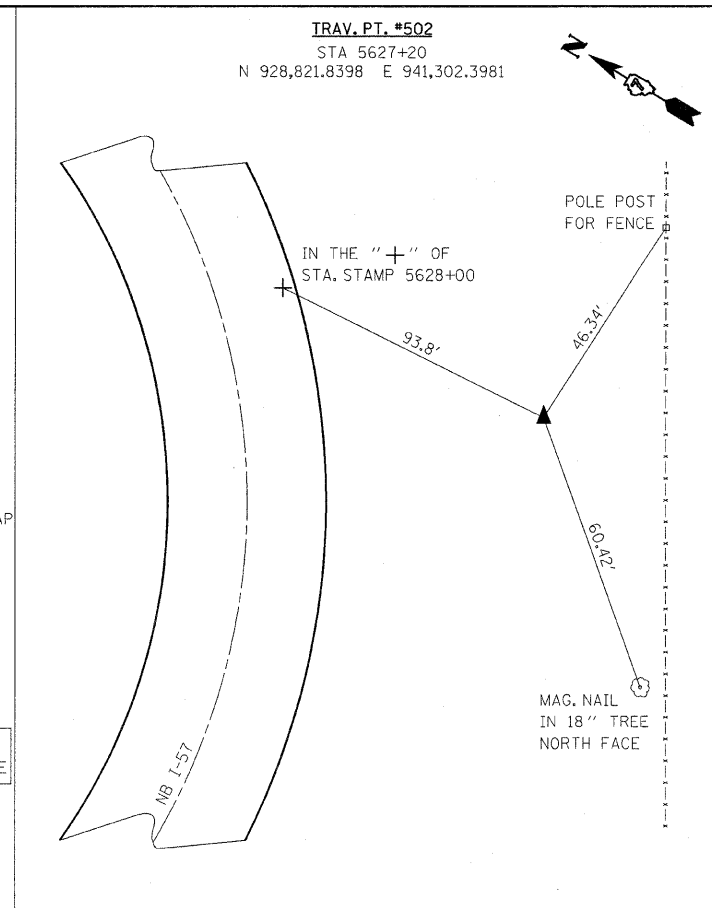
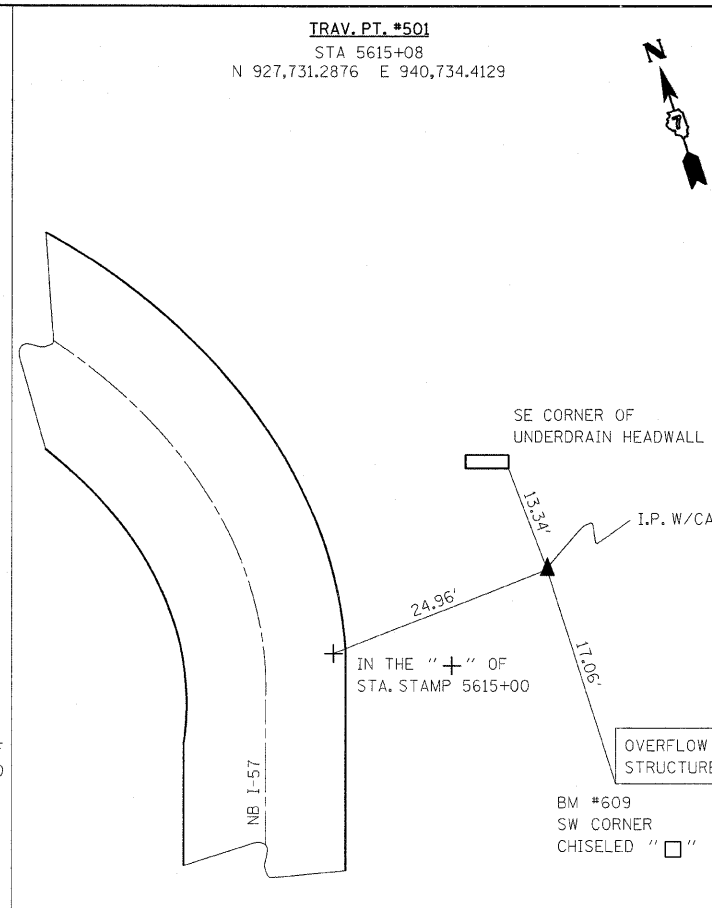
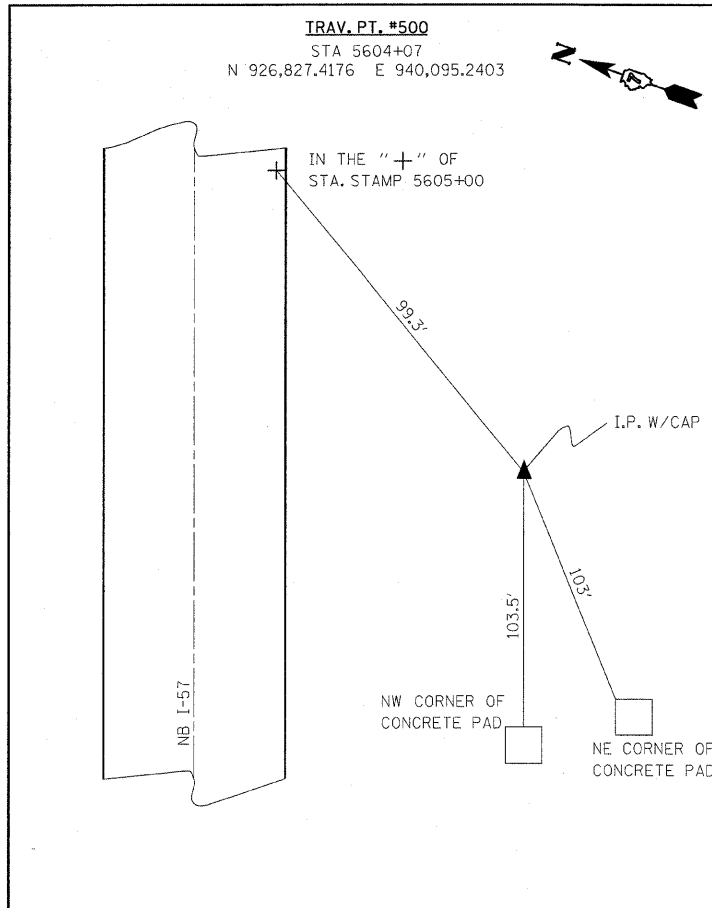
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ai\pwwork\pwwork\teasleyck\0264695\07	4467-sh-typical.dgn	DRAWN -	REVISED -					57	87-1RS-1	•	32	5
PLOT SCALE = 50,0000 / / in.	CHECKED -	REVISED -	REVISED -					CONTRACT NO. 74467				
PLOT DATE = 9/29/2011	DATE -	REVISED -	REVISED -					ILLINOIS FED. AID PROJECT				
								Shelby, Cumberland				

PAVING SCHEDULE

LOCATION	STATION		BITUMINOUS MATERIALS (PRIME COAT) (GALLONS)	AGGREGATE (PRIME COAT) (TON)	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (SQ YD)	TEMPORARY RAMP (SQ YD)	POLYMERIZED HOT-MIX ASPHALT BINDER COURSE, 1L-19.0, N105 (TON)	POLYMERIZED HOT-MIX ASPHALT SURFACE COURSE, 1L-19.0, N105 (TON)	HOT-MIX ASPHALT SURFACE REMOVAL, 1/2" (SQ YD)	HOT-MIX ASPHALT SURFACE REMOVAL, 1" (SQ YD)	HOT-MIX ASPHALT SURFACE REMOVAL, 3-1/4" (SQ YD)	AGGREGATE SHOULDERS, TYPE B (TON)	HOT-MIX ASPHALT SHOULDERS (TON)	SHOULDER RUMBLE STRIP 16" (FOOT)	HOT-MIX ASPHALT SURFACE REMOVAL - VARIABLE DEPTH (SQ YD)
	FROM	TO													
SHELBY	5610+15	5611+30	204.4	2.0	-	117.3	144.9	58.0	-	162.5	690	13.1	39.4	460.0	-
	5611+30	5617+81.96	1159.0	11.6	-	-	821.5	328.6	-	949.6	4500	85.4	336.0	2607.8	-
	5617+81.96	5642+12	4320.1	43.2	-	-	2735.3	1094.1	-	137.4	12437.33	265.6	1044.7	9720.2	-
	5642+12	5643+27	204.4	2.0	-	-	128.8	51.5	-	4350.2	613.33	12.0	51.5	460.0	-
	5643+27	5807+13.89	29132.2	291.3	-	-	10946.4	7341.3	85676.8	-	-	2332.8	10584.5	65547.6	2866.7
CUMBERLAND	5807+13.89	5844+10.00	6570.9	65.7	-	-	2418.2	1655.9	17992.6	-	-	526.2	2372.2	14784.4	2866.7
	5844+10.00	6051+88.53	36939.6	369.4	693.4	117.4	13832.0	9308.8	107378.8	-	-	2958.0	13446.0	83114.1	5733.4
	6051+88.53	6054+83.03													
	6054+83.03	6056+55.70	307.0	3.1	693.4	117.4	116.0	77.4	920.9	-	-	24.6	111.7	690.7	-
	6056+55.70	103+21.94													
	103+21.94	2590.7	25.9	693.4	117.3	979.3	652.9	7772.1	-	-	207.5	1029.1	5829.1	-	
SUB TOTAL			81428	814	2080	469	32122	20569	219741	5600	18241	6425.2	29015	183214	11467
NB EXIT RAMP CUMBERLAND COUNTY (RAMP C)	0+00	4+72.4	168.0	1.7	-	119.2	105.8	70.5	839.8	-	452.4	3.7	506.8	-	-
	4+72.4	17+87.2	818.1	8.2	-	-	515.4	343.6	4090.5	-	-	13.7	3.1	-	-
	17+87.2	18+87.7	67.9	0.7	-	-	42.8	28.5	339.4	-	-	0.8	101.7	-	-
SUB TOTAL			1054	11	0	119	664	443	5270	0	452	18.2	611.5	0	0
SB ENTRANCE RAMP CUMBERLAND COUNTY (RAMP A)	0+12.4	1+49.5	77.9	0.8	-	102.1	49	32.7	389.3	-	-	1.1	334.4	-	-
	1+49.5	8+39.7	398.8	4.0	-	-	251.2	167.5	1993.9	-	-	7.6	58.4	-	-
	8+39.7	18+52.5	67.9	0.7	-	-	212.7	141.8	339.4	-	431.1	8.0	10.4	-	-
SUB TOTAL			545	5	0	102	513	342	2723	0	431	16.7	403	0	0
CROSS OVER CUMBERLAND COUNTY	6024+46.0		50.8	0.5	-	-	-	-	-	-	-	0.4	46.2	-	-
	SUB TOTAL		50.8	0.5	0	0	0	0	0	0	0	0.4	46.2	0	0
GRAND TOTAL			83078	831	2080	691	33299	21353	227733	5600	19124	6461	30076	183214	11467

PAVEMENT MARKING SCHEDULE

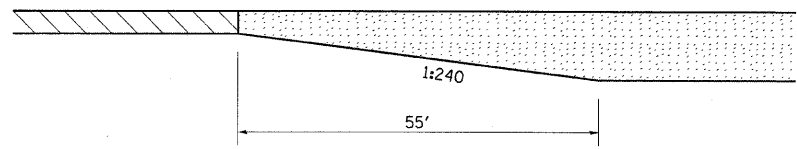
LOCATION	STATION			LENGTH	SHORT-TERM PAVEMENT MARKING	TEMPORARY PAVEMENT MARKING, 4"	WORK ZONE PAVEMENT MARKING REMOVAL	THERMOPLASTIC PAVEMENT MARKING - LINE 8" (WHITE)	THERMOPLASTIC PAVEMENT MARKING - LINE 12" (WHITE)	THERMOPLASTIC PAVEMENT MARKING - LINE 24" (WHITE)	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID, 4" (YELLOW)	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID, 4" (WHITE)	PERFORMED PLASTIC PAVEMENT MARKING, TYPE B - INLAID, 6" (WHITE)	RAISED REFLECTIVE PAVEMENT MARKERS	REMOVE AND REINSTALL DELINEATORS
	COUNTY	FROM	TO	(FEET)	(FOOT)	(FOOT)	(SQ FT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(FOOT)	(EACH)	(EACH)
SHELBY		5610+15	5611+30	115.0	165.6	517.5	13.8	-	-	-	230.0	230.0	57.5	5.8	1
		5611+30	5617+81.96	652.0	938.8	2933.8	78.2	-	-	-	1303.9	1303.9	326.0	32.6	7
		5617+81.96	5642+12	2430.0	3499.3	10935.2	291.6	-	-	-	4860.1	4860.1	1215.0	121.5	24
		5642+12	5643+27	115.0	165.6	517.5	13.8	-	-	-	230.0	230.0	57.5	5.8	1
		5643+27	5807+13.89	16386.9	23597.1	73741.0	1966.4	-	-	-	32773.8	32773.8	8193.4	819.3	164
CUMBERLAND		5807+13.89	5844+10.00	3696.1	5322.4	16632.5	443.5	-	-	-	7392.2	7392.2	1848.1	184.8	37
		5844+10.00	6051+88.53	20778.5	29921.1	93503.4	2493.4	-	-	-	41557.0	41557.0	10389.3	1038.9	208
		6051+88.53	6054+83.03	294.5	-	-	-	-	-	-	-	-	-	-	-
		6054+83.03	6056+55.70	172.7	248.6	777.0	20.7	-	-	-	345.4	345.4	86.3	8.6	2
		6056+55.70	103+21.94	-	-	-	-	-	-	-	-	-	-	-	-
		103+21.94	117+79.21	1457.3	2098.5	6557.7	174.9	-	-	-	2914.6	2914.6	728.6	126.0	14
		SUB TOTAL			65957	206115.6	5496	0	0	0	91607	91607	22902	2343	458
NB EXIT RAMP CUMBERLAND COUNTY		0+00	4+72.4	472.4	75.6	944.8	-	-	-	-	0.0	944.8	-	-	5
		4+72.4	17+87.2	1314.8	420.7	2629.6	-	-	-	-	1314.8	1314.8	-	-	13
		17+87.2	18+87.7	100.5	0.0	0.0	-	104.0	92.0	36.0	0.0	0.0	-	-	1
		SUB TOTAL			1888	496	3574	0	104	92	36	1315	2260	0	0
SB ENTRANCE RAMP CUMBERLAND COUNTY		0+12.4	1+49.5	137.1	0.0	0.0	-	-	-	-	0	0	-	-	1
		1+49.5	8+39.7	690.2	220.9	1380.4	-	-	-	-	690.2	690.2	-	-	7
		8+39.7	18+52.5	1012.8	162.0	2025.6	-	-	-	-	0	2025.6	-	-	10
		SUB TOTAL			1840	383	3406	0				690	2716	0	0
	GRAND TOTAL				66836	213096	5496	104	92	36	93612	96582	22902	2343	495



NOTE: Embankment shall be constructed in accordance with Section 205 of the Standard Specifications. All areas disturbed during construction shall be seeded with Class 2 Seeding, Fertilizer, and Agricultural Ground Limestone in accordance with Section 250 and covered with Mulch Method 1 in accordance with Section 251. This work will be included in the cost of Furnished Excavation.

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TIES AND MEDIAN CROSS-OVER DETAIL</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pw_work\pwi\dot\teasleyck\d0264695\07	4467-sht-ATB.dgn	DRAWN -	REVISED -					57	*	*	32	8
	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74467							
	PLOT DATE = 9/29/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							





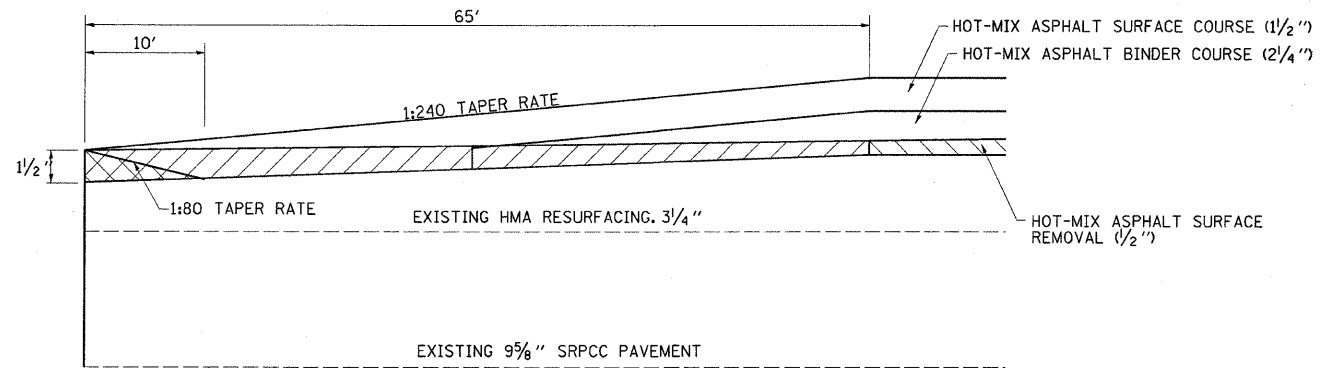
**MILLING TRANSITION DETAIL**

**MAINLINE**  
 STA 5642+92 TO STA 5643+27

**RAMP A**  
 STA 1+18.5 TO STA 1+73.5

**RAMP C**  
 STA 17+35 TO STA 17+90

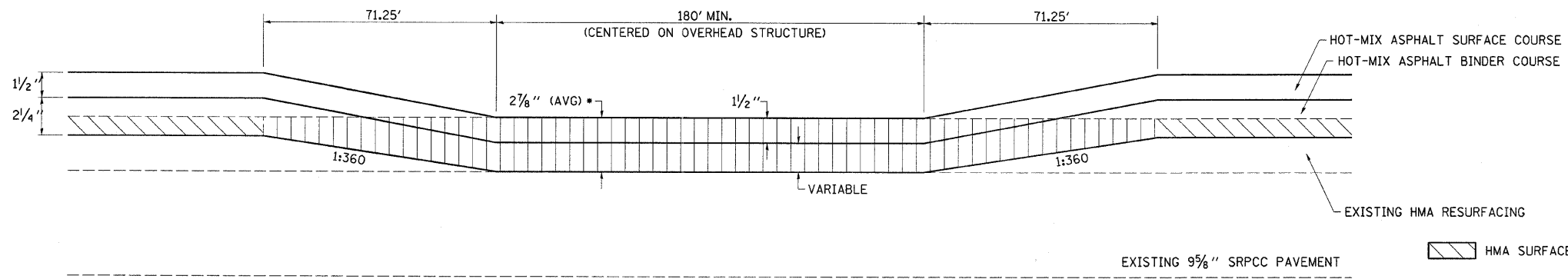
- HMA SURFACE REMOVAL (1/2")
- HMA SURFACE REMOVAL, (3/4")



**BUTT JOINT DETAIL MAINLINE**

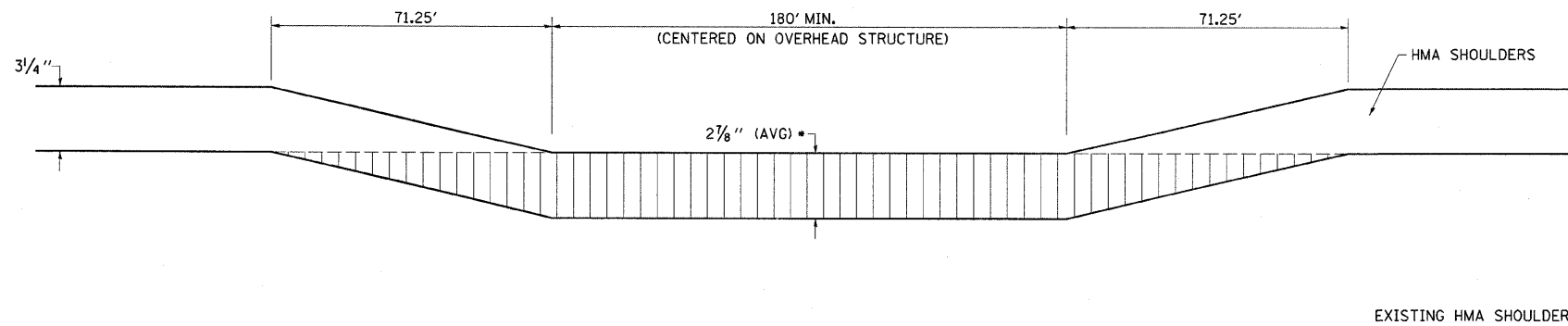
- ① NB AND SB LANE NORTH AND SOUTH OF STRUCTURES OVER RR  
 SN 018-0001 AND SN 018-0002  
 OMISSION 6051+88.53 TO STA 6054+83.03
- ② END OF PROJECT NB AND SB LANES SOUTH OF STRUCTURES OVER ROUTE 45  
 SN 018-0003 AND SN 018-0004  
 PROJECT ENDS STA 117+79.21

- HMA SURFACE REMOVAL (1/2")
- HMA SURFACE REMOVAL, BUTT JOINT
- TEMPORARY RAMP



**DETAIL AT OVERHEAD STRUCTURES (MAINLINE) TO MAINTAIN CLEARANCE**

- HMA SURFACE REMOVAL (1/2")
- HMA SURFACE REMOVAL, VARIABLE DEPTH



**DETAIL AT OVERHEAD STRUCTURES (SHOULDERS) TO MAINTAIN CLEARANCE**

• HMA DEPTH MAY VARY TO MAINTAIN 16' CLEARANCE UNDER THE STRUCTURES.

- HMA SURFACE REMOVAL, VARIABLE DEPTH

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETAILS</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\dot\teasleyck\0826495\07	4467-sht-details.dgn	DRAWN -	REVISED -					57	.	.	32	9
	PLOT SCALE = 50.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74467							
	PLOT DATE = 9/29/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	(87-1,18-1,18-1-1)RS-1 Shelby, Cumberland				



PROJECT BEGINS  
STA 5610+15

SHELBY CO.  
EFF. ILLINOIS CO.


SECTION 87-1 BEGINS  
STATION 5617+81.96

EXISTING ROW

EXISTING ROW

PROP. CURVE 2  
PI STA. = 5627+10.81  
 $\Delta = 31^\circ 14' 50''$  (LT)  
D =  $1^\circ 00' 00''$   
R = 5,729.65'  
T = 1,602.29'  
L = 3,124.72'  
E = 219.8231'  
 $e = 2\%$   
T.R. = 50.00'  
S.E. RUN = 65.00'  
P.C. STA. = 5611+08.52  
P.T. STA. = 5642+33.28

EXIST. CURVE 2  
PI STA. = 5627+10.79  
 $\Delta = 31^\circ 14' 50''$  (LT)  
D =  $1^\circ 00' 00''$   
R = 5,729.57'  
T = 1,602.27'  
L = 3,124.72'  
E = 219.82'  
 $e =$  -----  
T.R. = -----  
S.E. RUN = -----  
P.C. STA. = 5611+08.52  
P.T. STA. = 5642+33.24

 HMA SURFACE REMOVAL - BUTT JOINT

FILE NAME = c:\pw_work\pwidot\teasleyck\d0264695\07	USER NAME = teasleyck	DESIGNED - DRAWN -	REVISED - REVISED -
	4467-sht-plan.dgn	CHECKED -	REVISED -
	PLOT SCALE = 100.0000' / in.	DATE -	REVISED -
	PLOT DATE = 9/29/2011		

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

PLAN SHEET  
STA 5610+00 TO STA 5640+00

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	87-1RS-1		32	10
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74467	

Shelby, Cumberland

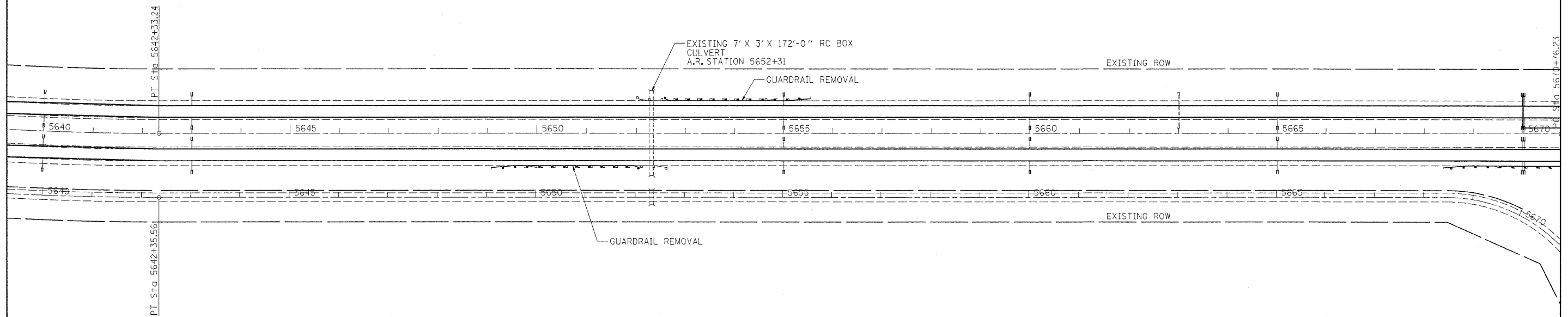


GUARDRAIL SCHEDULE

STATIONING		DIRECTION	SIDE	LENGTH (FEET)	STEEL PLATE BEAM GUARDRAIL, TYPE A (FEET)	TRAFFIC BARRIER TERMINAL, TYPE I (SPECIAL) TANGENT (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	GUARDRAIL MARKER, TYPE A (EACH)	TERMINAL MARKER - DIRECT APPLIED (EACH)
FROM	TO								
-	-	-	-	(FEET)	(FEET)	(EACH)	(EACH)	(EACH)	(EACH)
5649+06.50	5652+06.50	NB	DL	300.00	237.5	1	1	5	1
5652+55.50	5655+55.50	SB	DL	300.00	237.5	1	1	5	1
SHEET TOTALS:					475.0	2	2	10	2

GUARDRAIL REMOVAL

STATIONING		DIRECTION	SIDE	GUARDRAIL REMOVAL (FEET)
FROM	TO			
-	-	-	-	(FEET)
5649+93	5652+96	NB	DL	303
5651+65	5654+82	SB	DL	317
SHEET TOTAL:				620



FILE NAME = c:\pw_work\pw\dot\teasleyck\0264695\07	USER NAME = teasleyck 4467-eh-t-plan.dgn	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
					<b>STA 5640+00 TO STA 5670+00</b>		57	87-1RS-1	•	32	11
							<b>CONTRACT NO. 74467</b>				
							ILLINOIS FED. AID PROJECT				

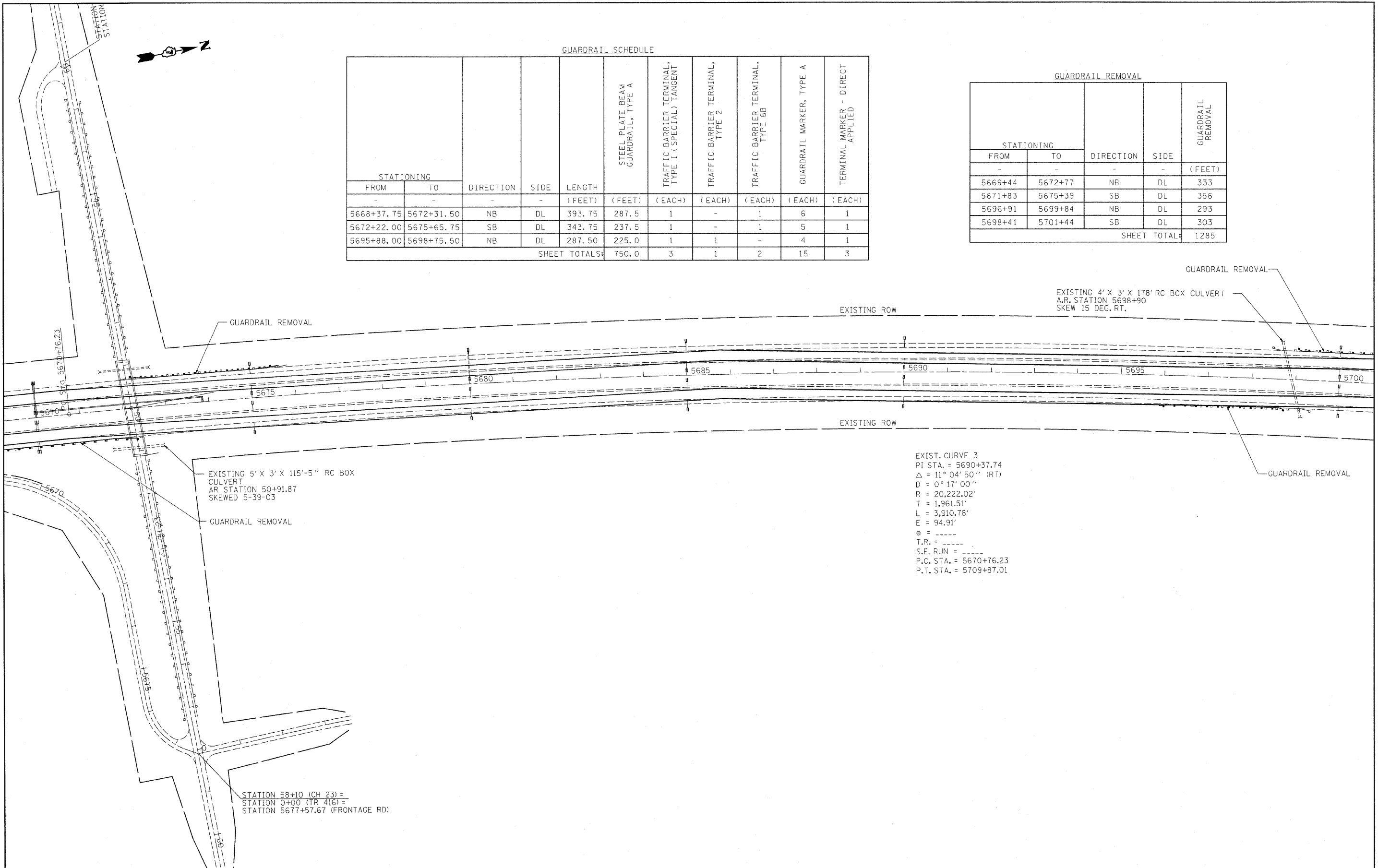


GUARDRAIL SCHEDULE

STATIONING		DIRECTION	SIDE	LENGTH (FEET)	STEEL PLATE BEAM GUARDRAIL, TYPE A (FEET)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6B (EACH)	GUARDRAIL MARKER, TYPE A (EACH)	TERMINAL MARKER - DIRECT APPLIED (EACH)
FROM	TO									
-	-	-	-	(FEET)	(FEET)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)
5668+37.75	5672+31.50	NB	DL	393.75	287.5	1	-	1	6	1
5672+22.00	5675+65.75	SB	DL	343.75	237.5	1	-	1	5	1
5695+88.00	5698+75.50	NB	DL	287.50	225.0	1	1	-	4	1
SHEET TOTALS:					750.0	3	1	2	15	3

GUARDRAIL REMOVAL

STATIONING		DIRECTION	SIDE	GUARDRAIL REMOVAL (FEET)
FROM	TO			
-	-	-	-	(FEET)
5669+44	5672+77	NB	DL	333
5671+83	5675+39	SB	DL	356
5696+91	5699+84	NB	DL	293
5698+41	5701+44	SB	DL	303
SHEET TOTALS:				1285



EXIST. CURVE 3  
 PI STA. = 5690+37.74  
 $\Delta = 11^\circ 04' 50''$  (RT)  
 $D = 0^\circ 17' 00''$   
 $R = 20,222.02'$   
 $T = 1,961.51'$   
 $L = 3,910.78'$   
 $E = 94.91'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 P.C. STA. = 5670+76.23  
 P.T. STA. = 5709+87.01

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET STA 5670+00 TO STA 5700+00</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\teasleyck\0264695\07	4467-sht-plan.dgn	DRAWN -	REVISED -			57	87-IRS-1	*	32	12	
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 74467					
	PLOT DATE = 9/29/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

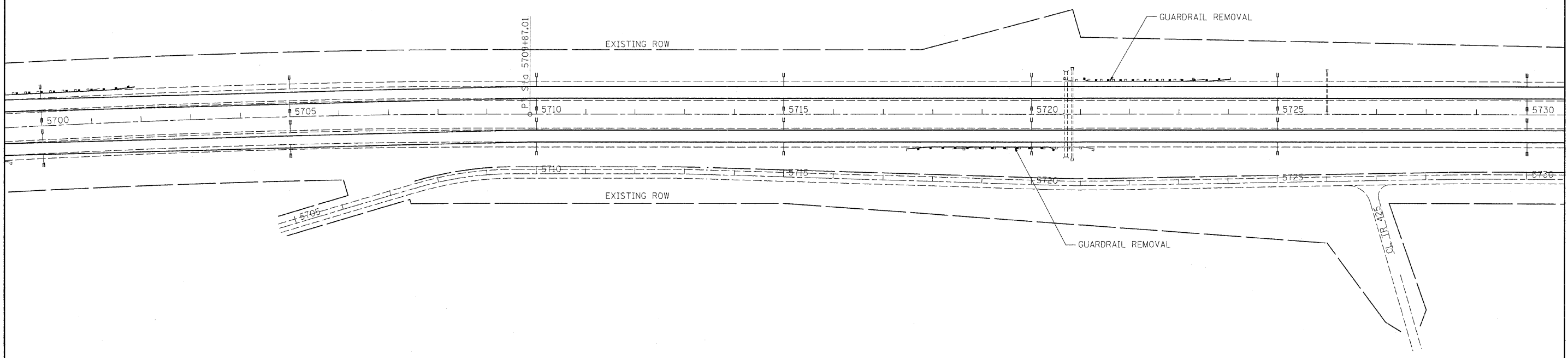


GUARDRAIL SCHEDULE

STATIONING		DIRECTION	SIDE	LENGTH (FEET)	STEEL PLATE BEAM GUARDRAIL, TYPE A (FEET)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	GUARDRAIL MARKER, TYPE A (EACH)	TERMINAL MARKER - DIRECT APPLIED (EACH)
FROM	TO								
-	-	-	-	(FEET)	(FEET)	(EACH)	(EACH)	(EACH)	(EACH)
5699+01.50	5701+89.00	SB	DL	287.50	225.0	1	1	4	1
5717+46.50	5720+46.50	NB	DL	300.00	237.5	1	1	5	1
5721+04.50	5724+04.50	SB	DL	300.00	237.5	1	1	5	1
SHEET TOTALS:					700.0	3	3	14	3

GUARDRAIL REMOVAL

STATIONING		DIRECTION	SIDE	GUARDRAIL REMOVAL (FEET)
FROM	TO			
-	-	-	-	(FEET)
5718+44	5721+36	NB	DL	292
5720+33	5723+26	SB	DL	293
SHEET TOTAL:				585



FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET STA 5700+00 TO STA 5730+00</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pv_work\pawidot\teasleyck\d0264695\07	4467-sht\plan.dgn	DRAWN -	REVISED -			57	87-IRS-1	*	32	13	
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 74467					
	PLOT DATE = 9/29/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
				SCALE: SHEET NO. OF SHEETS STA. TO STA.		Shelby, Cumberland					

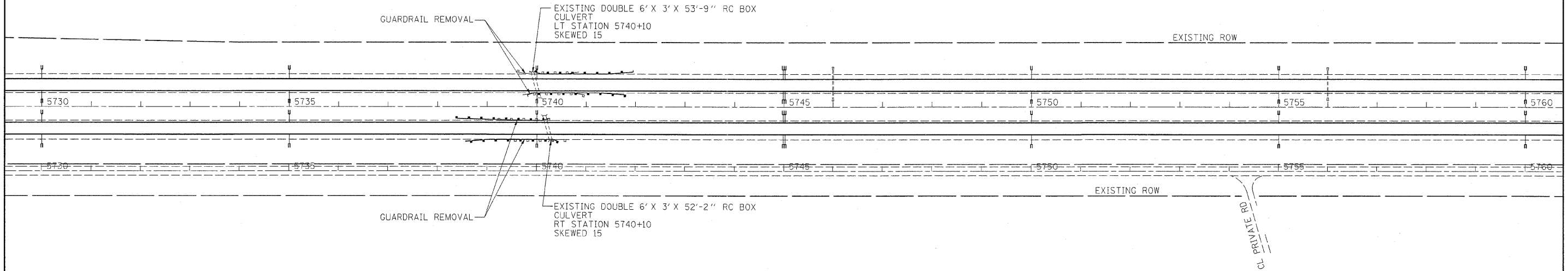


GUARDRAIL SCHEDULE

STATIONING		DIRECTION	SIDE	LENGTH (FEET)	STEEL PLATE BEAM GUARDRAIL, TYPE A (FEET)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	GUARDRAIL MARKER, TYPE A (EACH)	TERMINAL MARKER - DIRECT APPLIED (EACH)
FROM	TO								
5738+36.00	5740+23.50	NB	PL	187.50	125.0	1	1	3	1
5738+56.00	5740+43.50	NB	DL	187.50	125.0	1	1	3	1
5739+80.50	5741+80.50	SB	DL	200.00	137.5	1	1	3	1
5739+95.50	5741+95.50	SB	PL	200.00	137.5	1	1	3	1
SHEET TOTALS:					525.0	4	4	12	4

GUARDRAIL REMOVAL

STATIONING		DIRECTION	SIDE	LENGTH (FEET)
FROM	TO			
5738+37	5740+90	NB	PL	253
5738+52	5741+04	NB	DL	252
5739+57	5742+12	SB	DL	255
5739+68	5742+24	SB	PL	256
SHEET TOTAL:				1016



FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET STA 5730+00 TO STA 5760+00</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ca:\pv_work\pwwork\teasleyck\d0264695\07	4467-shs-plan.dgn	DRAWN -	REVISED -		57	87-IRS-1	*	32	14			
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 74467							
	PLOT DATE = 9/29/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
					SCALE:	SHEET NO. OF	SHEETS	STA.	TO STA.	Shelby, Cumberland		

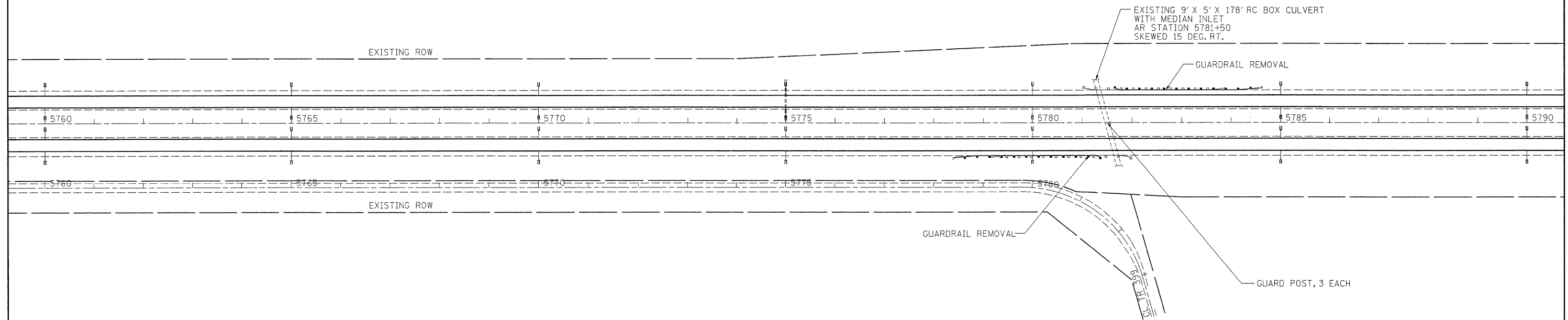


GUARDRAIL REMOVAL

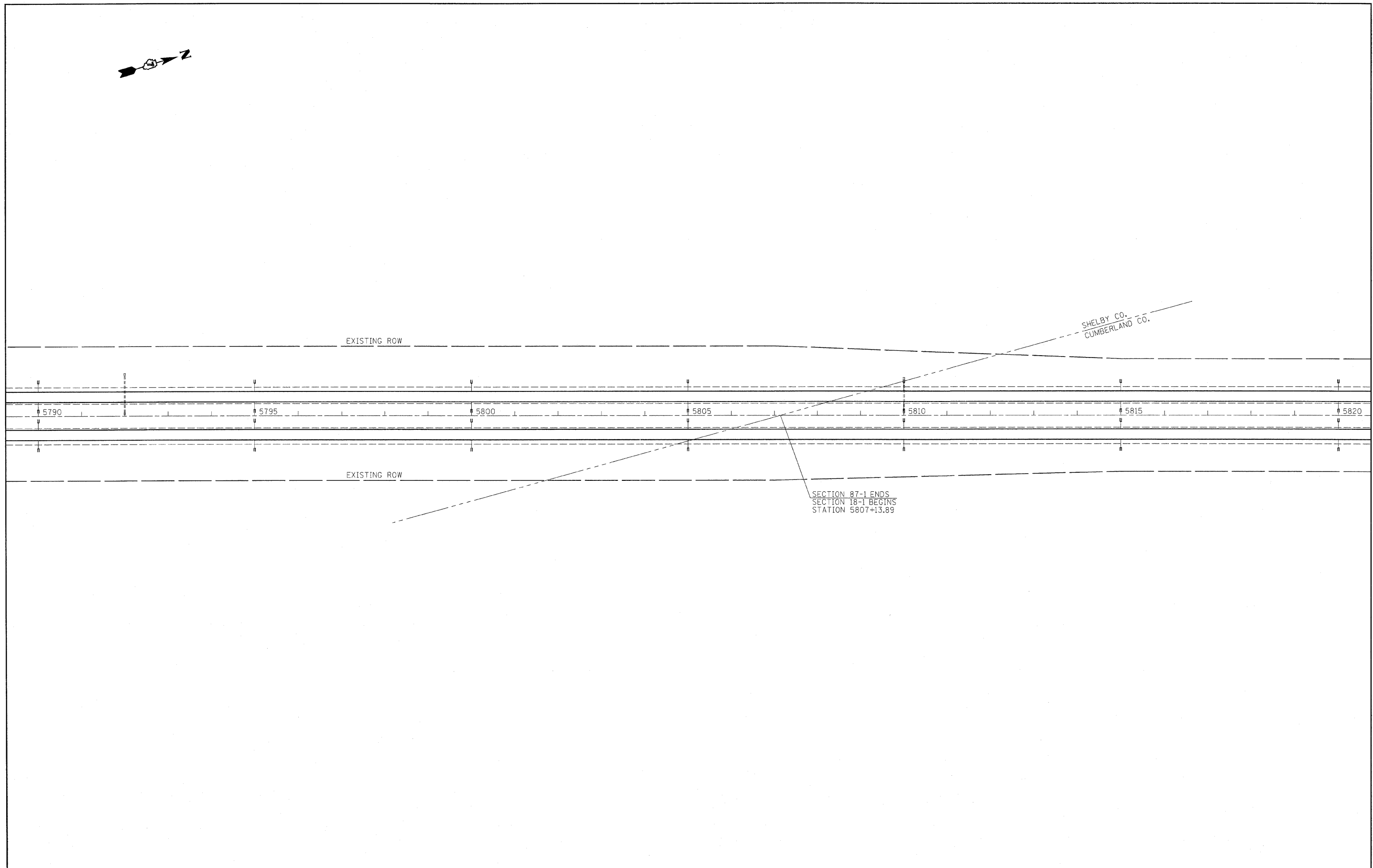
STATIONING		DIRECTION	SIDE	LENGTH (FEET)	STEEL PLATE BEAM GUARDRAIL, TYPE A (FEET)	TRAFFIC BARRIER TERMINAL, TYPE I (SPECIAL) TANGENT (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	GUARDRAIL MARKER, TYPE A (EACH)	TERMINAL MARKER - DIRECT APPLIED (EACH)
FROM	TO								
-	-	-	-	-	-	-	-	-	-
5778+38.50	5781+38.50	NB	DL	300.00	237.5	1	1	5	1
5781+62.50	5784+62.50	SB	DL	300.00	237.5	1	1	5	1
SHEET TOTALS:					475.0	2	2	10	2

GUARDRAIL REMOVAL

STATIONING		DIRECTION	SIDE	LENGTH (FEET)
FROM	TO			
-	-	-	-	-
5779+27	5782+47	DL	RT	320
5781+01	5784+16	DL	LT	315
SHEET TOTAL:				635



FILE NAME =	USER NAME = teasleyok	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET</b>			F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
c:\pwork\pwork\teasleyok\08264695\07	4467-shr-plan.dgn	DRAWN -	REVISED -		<b>STA 5760+00 TO STA 5790+00</b>			57	87-IRS-1	•	32	15
	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -		SCALE:	SHEET NO. OF	SHEETS	STA.	TO STA.	CONTRACT NO. 74467		
	PLOT DATE = 9/29/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



FILE NAME =  
 c:\pwork\pwork\teasley\02264695\07

USER NAME = teasleyok  
 4467-sht-plan.dgn  
 PLOT SCALE = 100.0000' / in.  
 PLOT DATE = 9/29/2011

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

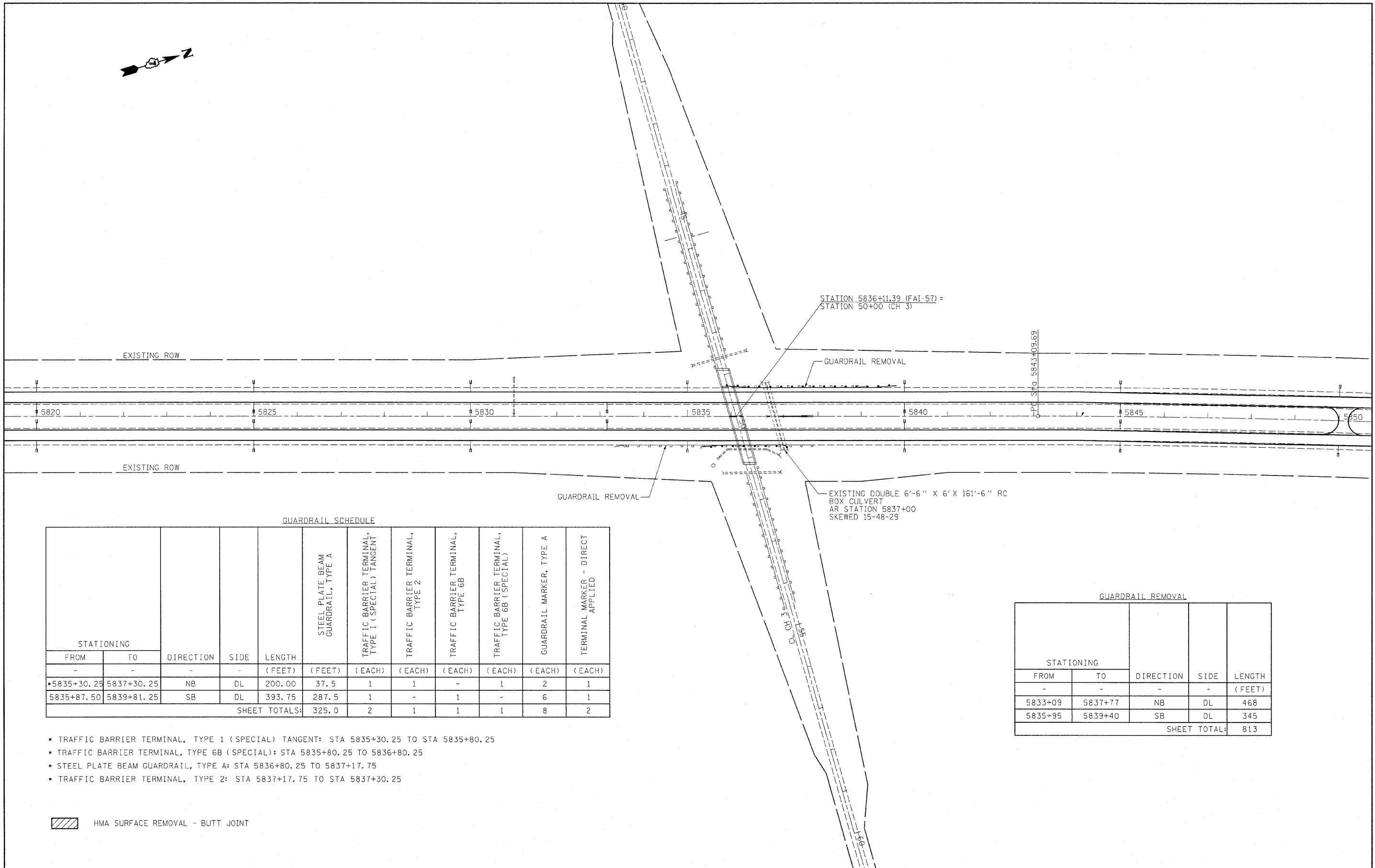
**PLAN SHEET  
 STA 5790+00 TO STA 5820+00**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	87-IRS-1	*	32	16
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74467	

\* Shelby, Cumberland





GUARDRAIL SCHEDULE

STATIONING		DIRECTION	SIDE	LENGTH (FEET)	STEEL PLATE BEAM GUARDRAIL, TYPE A (FEET)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6B (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL) (EACH)	GUARDRAIL MARKER, TYPE A (EACH)	TERMINAL MARKER - DIRECT APPLIED (EACH)
FROM	TO										
5835+30.25	5837+30.25	NB	DL	200.00	37.5	1	1	-	1	2	1
5835+87.50	5839+81.25	SB	DL	393.75	287.5	1	-	1	-	6	1
SHEET TOTALS:					325.0	2	1	1	1	8	2

GUARDRAIL REMOVAL

STATIONING		DIRECTION	SIDE	LENGTH (FEET)
FROM	TO			
5833+09	5837+77	NB	DL	468
5835+95	5839+40	SB	DL	345
SHEET TOTAL:				813

- TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT: STA 5835+30.25 TO STA 5835+80.25
- TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL): STA 5835+80.25 TO 5836+80.25
- STEEL PLATE BEAM GUARDRAIL, TYPE A: STA 5836+80.25 TO 5837+17.75
- TRAFFIC BARRIER TERMINAL, TYPE 2: STA 5837+17.75 TO STA 5837+30.25

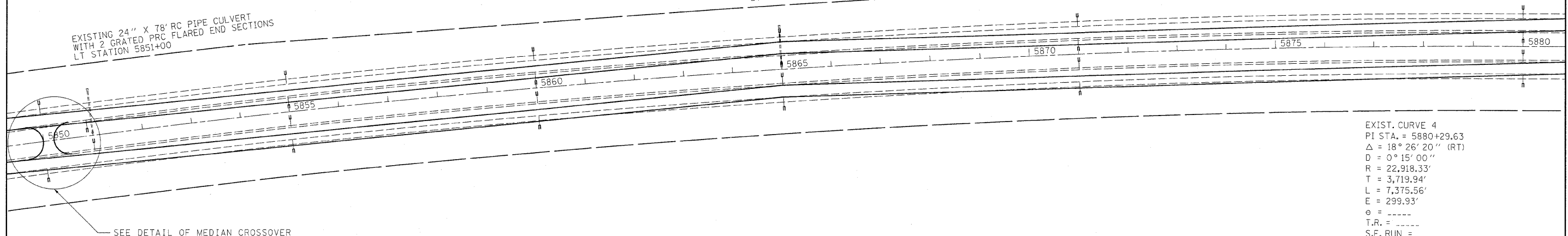
HMA SURFACE REMOVAL - BUTT JOINT

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET STA 5820+00 TO STA 5850+00</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
cs:\pv_work\pwidot\teasleyck\d0264695\07	4467-shr-plan.dgn	DRAWN -	REVISED -			57	87-IRS-1	•	32	17	
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 74467					
	PLOT DATE = 9/29/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



EXISTING 24" X 78' RC PIPE CULVERT  
WITH 2 GRATED PRC FLARED END SECTIONS  
LT STATION 5851+00

EXISTING 24" X 72' RC PIPE CULVERT  
WITH 2 GRATED PRC FLARED END SECTIONS  
LT STATION 5865+00



EXIST. CURVE 4  
 PI STA. = 5880+29.63  
 $\Delta = 18^\circ 26' 20''$  (RT)  
 $D = 0^\circ 15' 00''$   
 $R = 22,918.33'$   
 $T = 3,719.94'$   
 $L = 7,375.56'$   
 $E = 299.93'$   
 $e = \text{-----}$   
 $T.R. = \text{-----}$   
 $S.E. \text{ RUN} = \text{-----}$   
 $P.C. \text{ STA.} = 5843+09.69$   
 $P.T. \text{ STA.} = 5916+85.25$

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET</b>		F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
ct:\pw_work\pwidot\teasleyck\d8264695\07	4467.sht:plan.dgn	DRAWN -	REVISED -		<b>STA 5850+00 TO STA 5880+00</b>		57	87-1RS-1	*	32	18
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		SCALE:	SHEET NO. OF	SHEETS	STA.	TO STA.	<b>CONTRACT NO. 74467</b>	
	PLOT DATE = 9/29/2011	DATE -	REVISED -		ILLINOIS FED. AID PROJECT						

Shelby, Cumberland

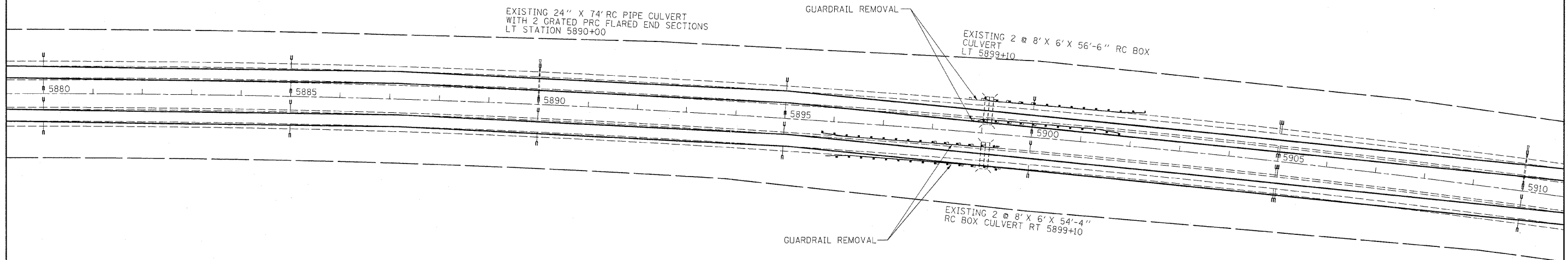


GUARDRAIL SCHEDULE

STATIONING		DIRECTION	SIDE	LENGTH	STEEL PLATE BEAM GUARDRAIL, TYPE A	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 2	GUARDRAIL MARKER, TYPE A	TERMINAL MARKER - DIRECT APPLIED
FROM	TO								
-	-	-	-	(FEET)	(FEET)	(EACH)	(EACH)	(EACH)	(EACH)
5895+75.42	5899+37.92	NB	PL	362.50	300.0	1	1	5	1
5895+87.73	5899+37.73	NB	DL	350.00	287.5	1	1	5	1
5898+90.50	5901+78.00	SB	PL	287.50	225.0	1	1	5	1
5898+99.50	5902+24.50	SB	DL	325.00	262.5	1	1	4	1
SHEET TOTALS:					1075.0	2	2	19	4

GUARDRAIL REMOVAL

STATIONING		DIRECTION	SIDE	LENGTH
FROM	TO			
-	-	-	-	(FEET)
5896+94	5899+44	NB	DL	250
5896+94	5899+44	NB	PL	250
5898+70	5901+20	SB	DL	250
5898+70	5901+20	SB	PL	250
SHEET TOTALS:				1000



FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PLAN SHEET STA 5880+00 TO STA 5910+00</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ci:\pwork\pwork\teasleyck\d826495\07	4467-sht-plan.dgn	DRAWN -	REVISED -			57	87-IRS-1	•	32	19	
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 74467		ILLINOIS FED. AID PROJECT			
	PLOT DATE = 9/29/2011	DATE -	REVISED -			SCALE:	SHEET NO. OF SHEETS	STA. TO STA.			



GUARDRAIL SCHEDULE

STATIONING		DIRECTION	SIDE	LENGTH (FEET)	STEEL PLATE BEAM GUARDRAIL, TYPE A (FEET)	TRAFFIC BARRIER TERMINAL, TYPE I (SPECIAL) TANGENT (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6B (EACH)	GUARDRAIL MARKER, TYPE A (EACH)	TERMINAL MARKER - DIRECT APPLIED (EACH)
FROM	TO								
5932+68.02	5933+74.27	NB	DL	106.25	0.0	1	1	2	1
5934+35.00	5935+66.25	SB	DL	131.25	25.0	1	1	3	1
SHEET TOTALS:					25.0	2	2	5	2

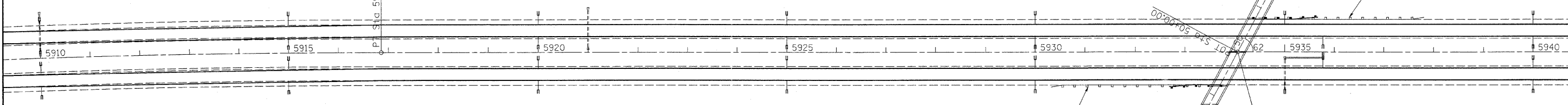
EXIST. CURVE TR10-3  
 PI STA. = 55+74.00  
 $\Delta = 41^\circ 33' 09''$  (RT)  
 $D = 8^\circ 12' 35''$   
 $R = 697.91'$   
 $T = 264.78'$   
 $L = 506.14'$   
 $E = 48.54'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 53+09.22$   
 $P.T. STA. = 58+15.36$

STATION 58+13.88 (TR 10) =  
 STATION 5941+71.68 (FRONTAGE RD)

EXISTING 24" X 76" RC PIPE CULVERT  
 WITH 2 GRATED PRC FLARED END SECTIONS  
 LT STATION 5910+00

EXISTING 24" X 72" RC PIPE CULVERT  
 WITH 2 GRATED PRC FLARED END SECTIONS  
 LT STATION 5921+00

GUARDRAIL REMOVAL



GUARDRAIL REMOVAL

STATIONING		DIRECTION	SIDE	LENGTH (FEET)
FROM	TO			
5930+19	5933+74	NB	DL	355
5934+05	5938+05	SB	DL	400
SHEET TOTAL:				755

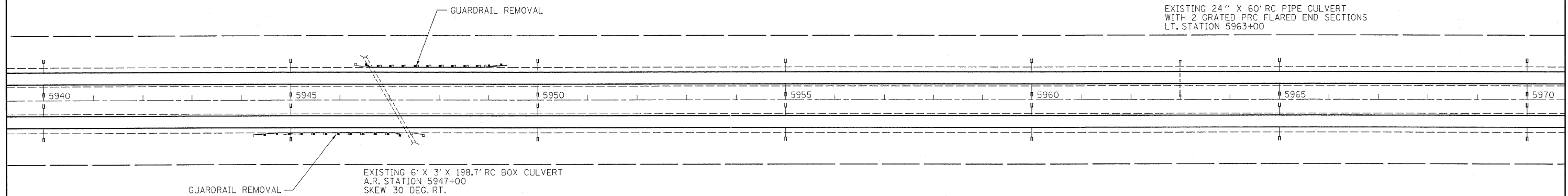
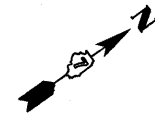
EXIST. CURVE TR10-1  
 PI STA. = 37+65.98  
 $\Delta = 21^\circ 13' 58''$  (RT)  
 $D = 8^\circ 12' 35''$   
 $R = 697.91'$   
 $T = 130.82'$   
 $L = 258.63'$   
 $E = 12.15'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 36+35.16$   
 $P.T. STA. = 38+93.79$

EXIST. CURVE TR10-2  
 PI STA. = 44+49.42  
 $\Delta = 41^\circ 33' 08''$  (LT)  
 $D = 8^\circ 12' 35''$   
 $R = 697.91'$   
 $T = 264.78'$   
 $L = 506.14'$   
 $E = 48.54'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 $P.C. STA. = 41+84.64$   
 $P.T. STA. = 46+90.78$

EXISTING 24" X 62" RC PIPE CULVERT  
 WITH 2 GRATED PRC FLARED END SECTIONS  
 RT STATION 5935+00

STATION 5934+05.73 (FAI-57) =  
 STATION 50+00 (TR 10)

GUARDRAIL REMOVAL

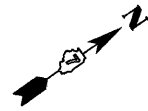


GUARDRAIL SCHEDULE

STATIONING		DIRECTION	SIDE	LENGTH (FEET)	STEEL PLATE BEAM GUARDRAIL, TYPE A (FEET)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	GUARDRAIL MARKER, TYPE A (EACH)	TERMINAL MARKER - DIRECT APPLIED (EACH)
FROM	TO								
-	-	-	-	(FEET)	(FEET)	(EACH)	(EACH)	(EACH)	(EACH)
5944+23.04	5947+23.04	NB	DL	300.00	237.5	1	1	5	1
5946+50.00	5949+37.50	SB	DL	287.50	225.0	1	1	2	1
SHEET TOTALS:					463	2	2	7	2

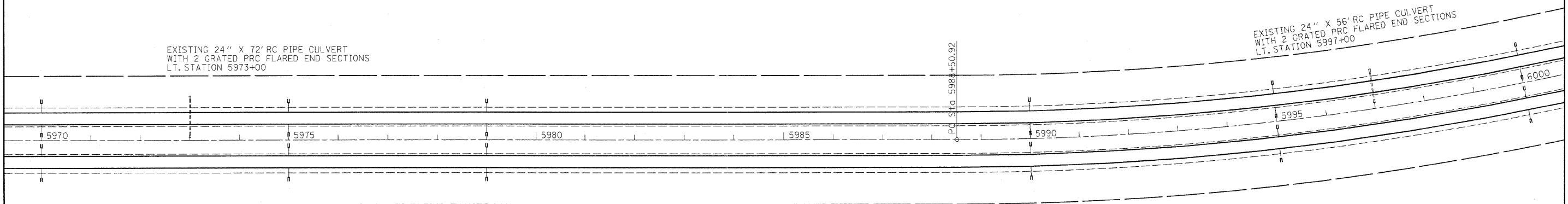
GUARDRAIL REMOVAL

STATIONING		DIRECTION	SIDE	LENGTH (FEET)
FROM	TO			
-	-	-	-	(FEET)
5944+58.00	5947+71.00	NB	DL	313
5946+29.00	5949+42.00	SB	DL	313
SHEET TOTALS:				626



EXISTING 24" X 72' RC PIPE CULVERT  
WITH 2 GRATED PRC FLARED END SECTIONS  
LT. STATION 5973+00

EXISTING 24" X 56' RC PIPE CULVERT  
WITH 2 GRATED PRC FLARED END SECTIONS  
LT. STATION 5997+00

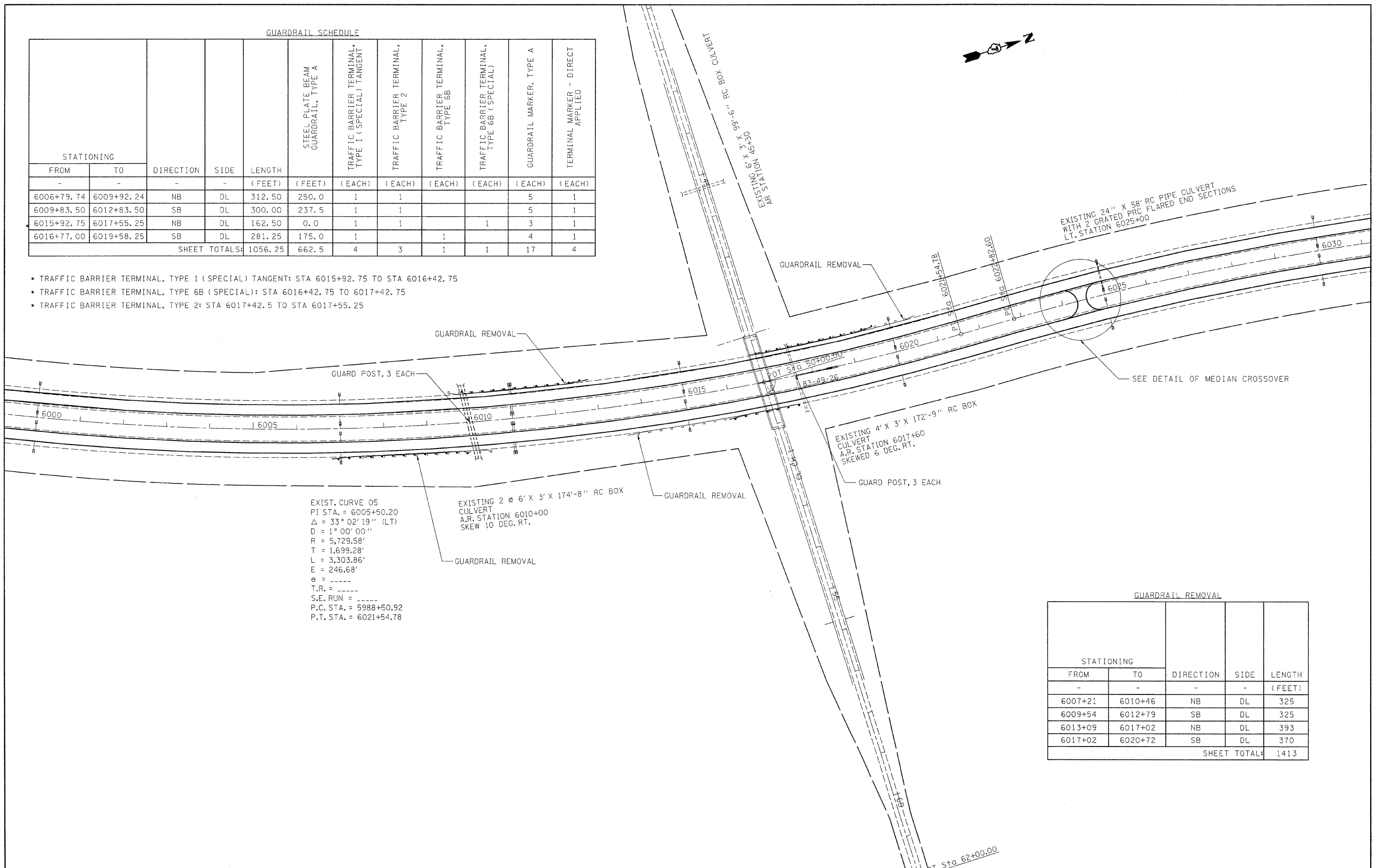


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PLOT SCALE = 100.0000' / in.		CHECKED -	REVISED -		SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 74467	
PLOT DATE = 9/29/2011		DATE -	REVISED -		Shelby, Cumberland						

GUARDRAIL SCHEDULE

STATIONING		DIRECTION	SIDE	LENGTH (FEET)	STEEL PLATE BEAM GUARDRAIL, TYPE A (FEET)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6B (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL) (EACH)	GUARDRAIL MARKER, TYPE A (EACH)	TERMINAL MARKER - DIRECT APPLIED (EACH)
FROM	TO										
6006+79.74	6009+92.24	NB	DL	312.50	250.0	1	1			5	1
6009+83.50	6012+83.50	SB	DL	300.00	237.5	1	1			5	1
6015+92.75	6017+55.25	NB	DL	162.50	0.0	1	1		1	3	1
6016+77.00	6019+58.25	SB	DL	281.25	175.0	1		1		4	1
SHEET TOTALS:				1056.25	662.5	4	3	1	1	17	4

- TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT: STA 6015+92.75 TO STA 6016+42.75
- TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL): STA 6016+42.75 TO 6017+42.75
- TRAFFIC BARRIER TERMINAL, TYPE 2: STA 6017+42.5 TO STA 6017+55.25

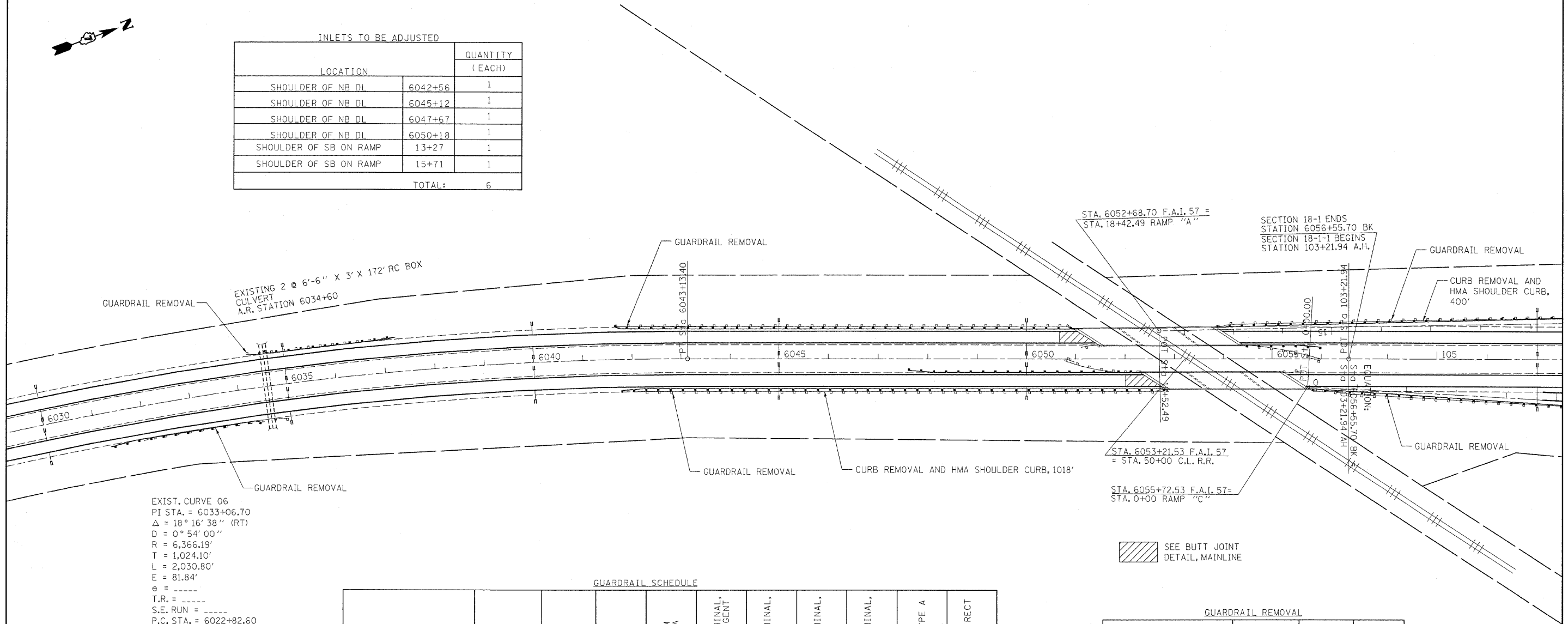


GUARDRAIL REMOVAL

STATIONING		DIRECTION	SIDE	LENGTH (FEET)
FROM	TO			
6007+21	6010+46	NB	DL	325
6009+54	6012+79	SB	DL	325
6013+09	6017+02	NB	DL	393
6017+02	6020+72	SB	DL	370
SHEET TOTAL:				1413



INLETS TO BE ADJUSTED		
LOCATION		QUANTITY (EACH)
SHOULDER OF NB DL	6042+56	1
SHOULDER OF NB DL	6045+12	1
SHOULDER OF NB DL	6047+67	1
SHOULDER OF NB DL	6050+18	1
SHOULDER OF SB ON RAMP	13+27	1
SHOULDER OF SB ON RAMP	15+71	1
TOTAL:		6



EXIST. CURVE 06  
 PI STA. = 6033+06.70  
 $\Delta = 18^\circ 16' 38''$  (RT)  
 $D = 0^\circ 54' 00''$   
 $R = 6,366.19'$   
 $T = 1,024.10'$   
 $L = 2,030.80'$   
 $E = 81.84'$   
 $e =$   
 $T.R. =$   
 $S.E. RUN =$   
 P.C. STA. = 6022+82.60  
 P.T. STA. = 6043+13.40

GUARDRAIL SCHEDULE

STATIONING		DIRECTION	SIDE	LENGTH	STEEL PLATE BEAM GUARDRAIL, TYPE A	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	TRAFFIC BARRIER TERMINAL, TYPE 2	TRAFFIC BARRIER TERMINAL, TYPE 5	TRAFFIC BARRIER TERMINAL, TYPE 6	GUARDRAIL MARKER, TYPE A	TERMINAL MARKER - DIRECT APPLIED
FROM	TO										
-	-	-	-	(FEET)	(FEET)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)	(EACH)
6031+26.00	6034+38.50	NB	DL	312.5	250	1	1			5	1
6034+60.50	6037+23.00	SB	DL	262.5	200	1	1			4	1
6041+64.30	6051+04.00	SB	DL	939.70	875	1		1		13	1
6041+76.75	6052+83.00	NB	DL	1106.25	1012.5	1			1	15	1
6047+59.75	6052+41.00	NB	PL	481.25	387.5	1			1	7	1
6054+31.00	6055+99.75	SB	DL	168.75	75	1			1	3	1
0+00	8+27.17	NB	RAMP C	827.17	762.5	1		1		11	1
6+89.75	17+02.25	SB	RAMP A	1012.50	962.5	1			1	14	1
SHEET TOTALS:					1800.0	8	2	2	4	72	8

GUARDRAIL REMOVAL

STATIONING		DIRECTION	SIDE	LENGTH
FROM	TO			
-	-	-	-	(FEET)
6031+69	6034+94	NB	DL	325
6034+26	6037+51	SB	DL	325
6041+67	6050+67	SB	DL	900
6041+88	6052+83	NB	DL	1095
6050+75	6052+41	NB	PL	166
6051+11	6051+49	SB	PL	38
6054+31	6055+98	SB	PL	167
6055+13	6055+61	NB	PL	48
0+00	8+14	NB	RAMP C	814
17+46	7+09	SB	RAMP A	1037
SHEET TOTAL:				4915

SEE BUTT JOINT  
DETAIL, MAINLINE

FILE NAME =  
 c:\pwork\pwork\teasley\4467\sh\plan.dgn

USER NAME = teasleyk  
 4467-sh\plan.dgn  
 PLOT SCALE = 1/8" = 100.0000' / 1" / 1/8"  
 PLOT DATE = 9/29/2011

DESIGNED -  
 DRAWN -  
 CHECKED -  
 DATE -

REVISED -  
 REVISED -  
 REVISED -  
 REVISED -

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PLAN SHEET  
 STA 6030+00 TO STA 105+00

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	87-IRS-1		32	24
CONTRACT NO. 74467			ILLINOIS FED. AID PROJECT	

Shelby, Cumberland





EXIST. CURVE NEOGAA-1  
 PI STA. = 7+05.10  
 $\Delta = 33^\circ 48' 17''$  (RT)  
 D = 8° 18' 00"  
 R = 690.31'  
 T = 209.76'  
 L = 407.28'  
 E = 31.17'  
 $e =$  -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 4+95.34  
 P.T. STA. = 9+02.62

STA. 44+85 C.U.S. 45 =  
 STA. 0+00 RAMP "A"  
 STA. 19+00.18 RAMP "B"

EXIST. CURVE NEOGAB-2  
 PI STA. = 15+30.84  
 $\Delta = 43^\circ 45' 31''$  (LT)  
 D = 12° 50' 00"  
 R = 446.46'  
 T = 179.29'  
 L = 340.98'  
 E = 34.65'  
 $e =$  -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 13+51.55  
 P.T. STA. = 16+92.53

STATIONING				
FROM	TO	DIRECTION	SIDE	LENGTH (FEET)
111+56	117+63	SB	DL	607
111+90	118+03	NB	DL	613
115+48	117+90	NB	PL	242
SHEET TOTAL:				1462

EXIST. CURVE NEOGAB-1  
 PI STA. = 8+85.25  
 $\Delta = 35^\circ 46' 58''$  (RT)  
 D = 8° 18' 00"  
 R = 690.31'  
 T = 222.85'  
 L = 431.12'  
 E = 35.08'  
 $e =$  -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 6+62.40  
 P.T. STA. = 10+93.52

STA. 134+56.23 F.A.I. 57=  
 STA. 0+00 RAMP "B"

EXIST. CURVE NEOGAD-1  
 PI STA. = 7+04.01  
 $\Delta = 33^\circ 51' 51''$  (RT)  
 D = 8° 18' 00"  
 R = 690.31'  
 T = 210.16'  
 L = 408.00'  
 E = 31.28'  
 $e =$  -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 4+93.85  
 P.T. STA. = 9+01.85

EXIST. CURVE NEOGAC-1  
 PI STA. = 8+85.27  
 $\Delta = 35^\circ 47' 00''$  (RT)  
 D = 8° 18' 00"  
 R = 690.31'  
 T = 222.85'  
 L = 431.12'  
 E = 35.08'  
 $e =$  -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 6+62.41  
 P.T. STA. = 10+93.54

EXIST. CURVE NEOGAC-2  
 PI STA. = 15+30.83  
 $\Delta = 43^\circ 45' 50''$  (LT)  
 D = 12° 50' 00"  
 R = 446.46'  
 T = 179.31'  
 L = 341.02'  
 E = 34.66'  
 $e =$  -----  
 T.R. = -----  
 S.E. RUN = -----  
 P.C. STA. = 13+51.52  
 P.T. STA. = 16+92.53

STA. 55+15 C.U.S. 45 =  
 STA. 19+01.21 RAMP "C"  
 STA. 0+00 RAMP "D"

SEE BUTT JOINT  
 DETAIL, MAINLINE

GUARDRAIL SCHEDULE

STATIONING		DIRECTION	SIDE	LENGTH (FEET)	STEEL PLATE BEAM GUARDRAIL TYPE A, 9 FOOT POSTS (FEET)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 6A (EACH)	TRAFFIC BARRIER TERMINAL, TYPE 2 (EACH)	GUARDRAIL MARKER, TYPE A (EACH)	TERMINAL MARKER - DIRECT APPLIED (EACH)
FROM	TO									
111+44.25	117+63.00	SB	DL	618.75	525	1	1	1	8	1
111+84.25	118+03.00	NB	DL	618.75	562.5	1	1		5	1
114+21.25	117+90.00	NB	PL	368.75	275	1	1		9	1
SHEET TOTALS:					1362.5	2	3	1	22	3

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -
ca:\pw_work\pvidot\teasleyck\d0264695\07	4467.sht.pln.dgn	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / 1in.		CHECKED -	REVISED -
PLOT DATE = 9/29/2011		DATE -	REVISED -

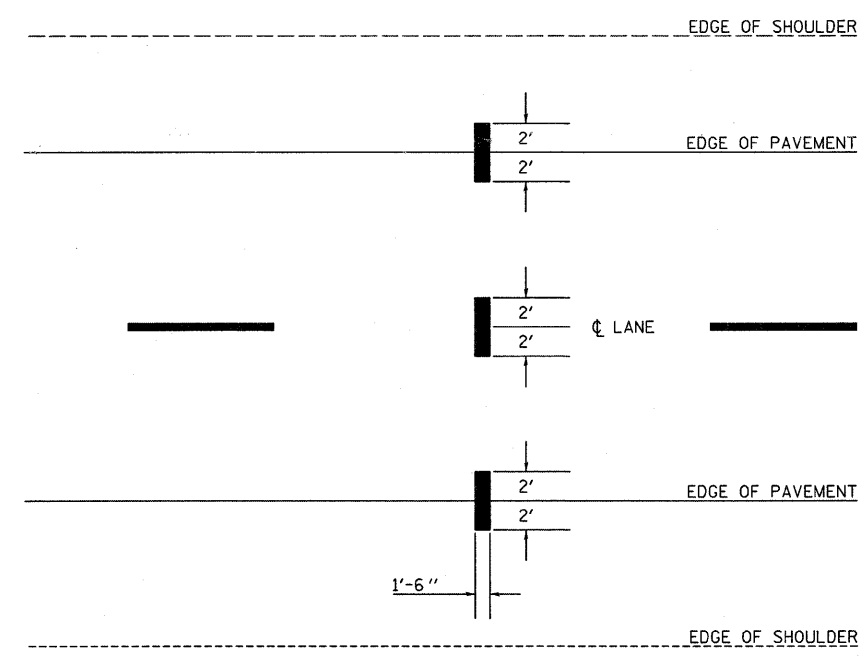
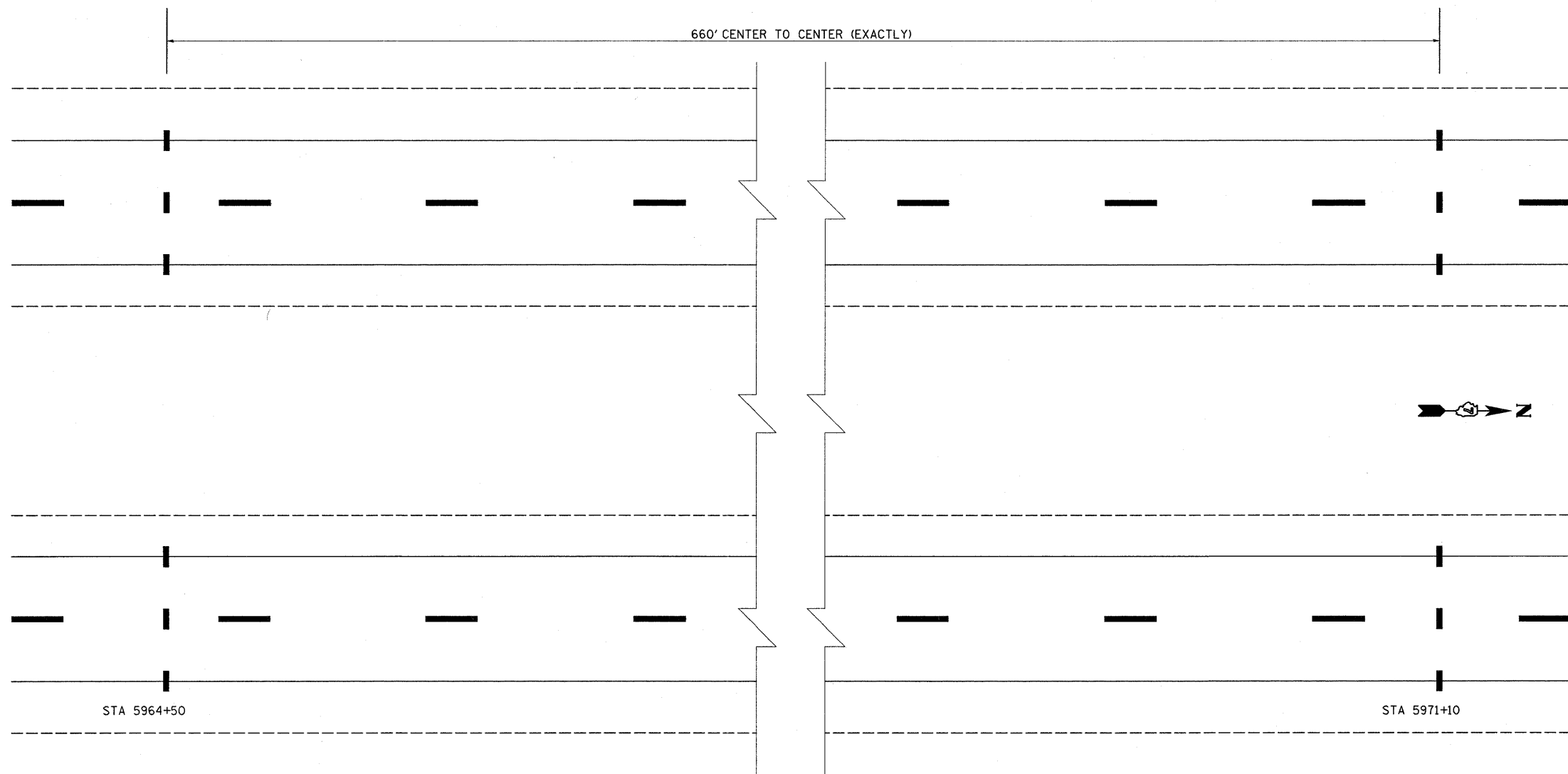
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

PLAN SHEET

STA 105+00 TO STA 135+00

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

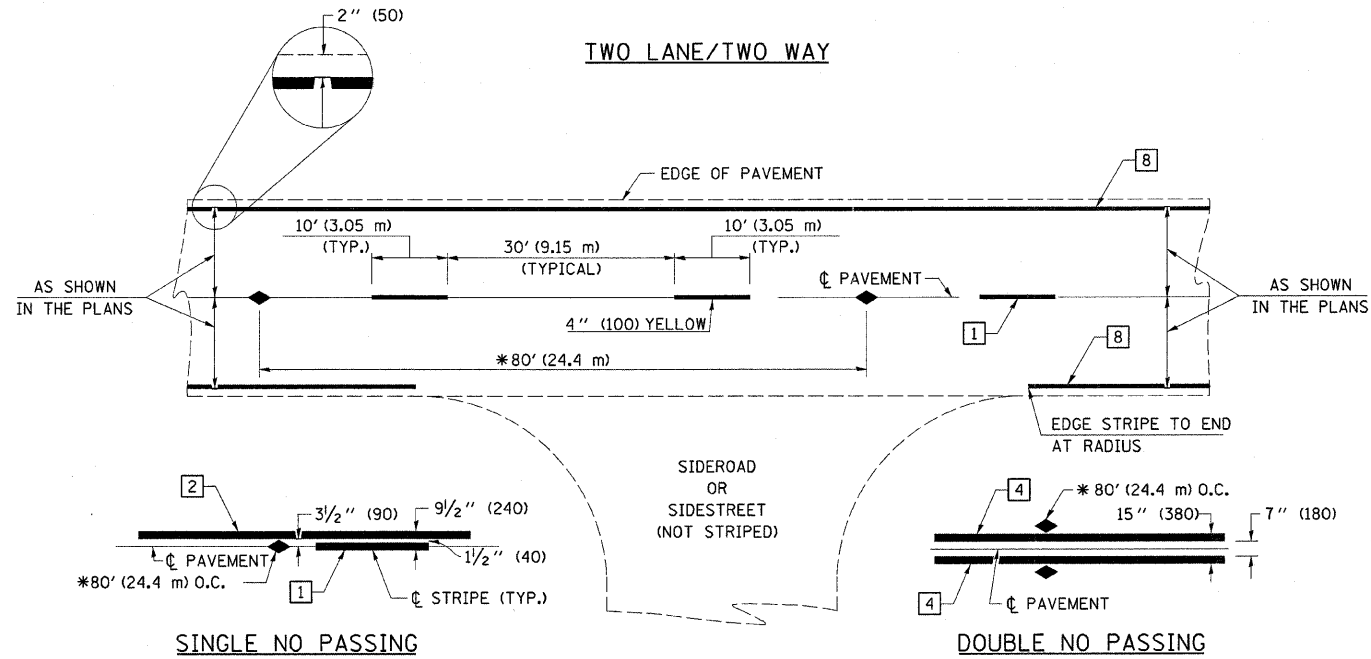
F.A.I. RTE. 57	SECTION 87-IRS-1	COUNTY *	TOTAL SHEETS 32	SHEET NO. 25
CONTRACT NO. 74467			ILLINOIS FED. AID PROJECT	



NOTE:  
 STATE POLICE REPRESENTATIVE MUST  
 BE PRESENT WHEN AERIAL SPEED ZONE  
 PAVEMENT MARKING IS PLACED.  
 IDOT WILL COORDINATE.

NOT TO SCALE

FILE NAME = c:\pwork\pwork\dot\teasley\4467\4467-shr-details.dgn	USER NAME = teasleyok	DESIGNED - -	REVISED - MMO 12-99	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>AERIAL SPEED ZONE CHECKS</b>			F.A.I. RTE. 57	SECTION .	COUNTY .	TOTAL SHEETS 32	SHEET NO. 26
PLOT SCALE = 50.0000' / in.	CHECKED - -	REVISED - MKS 04-08	SCALE:					SHEET NO. OF SHEETS	STA. TO STA.	CONTRACT NO. 74467		
PLOT DATE = 9/29/2011	DATE - -	REVISED - -	FED. ROAD DIST. NO. [ILLINOIS] FED. AID PROJECT			* (87-1,18-1,18-1)RS-1						



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

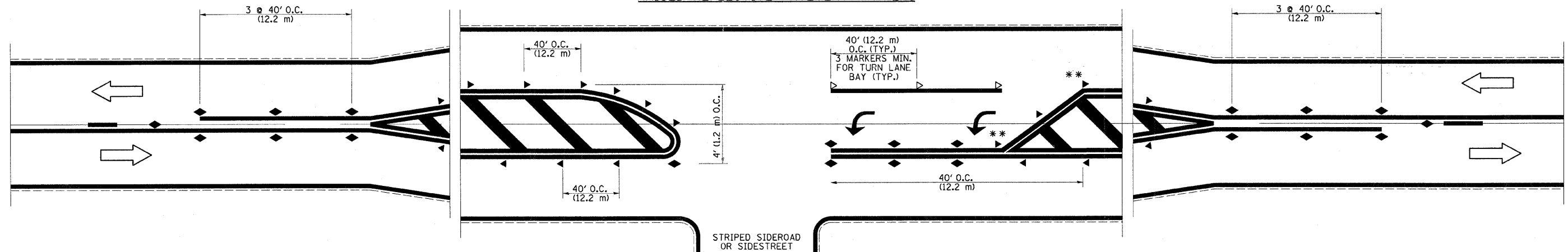
PAVEMENT MARKING LEGEND

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

TYPICAL PAVEMENT MARKERS LEGEND

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

RAISED REFLECTIVE PAVEMENT MARKERS



\*\* REDUCE SPACING IF NECESSARY TO ASSURE MARKERS AT CORNER POINTS.

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

DISTRICT 7 DETAIL NO. 78000001

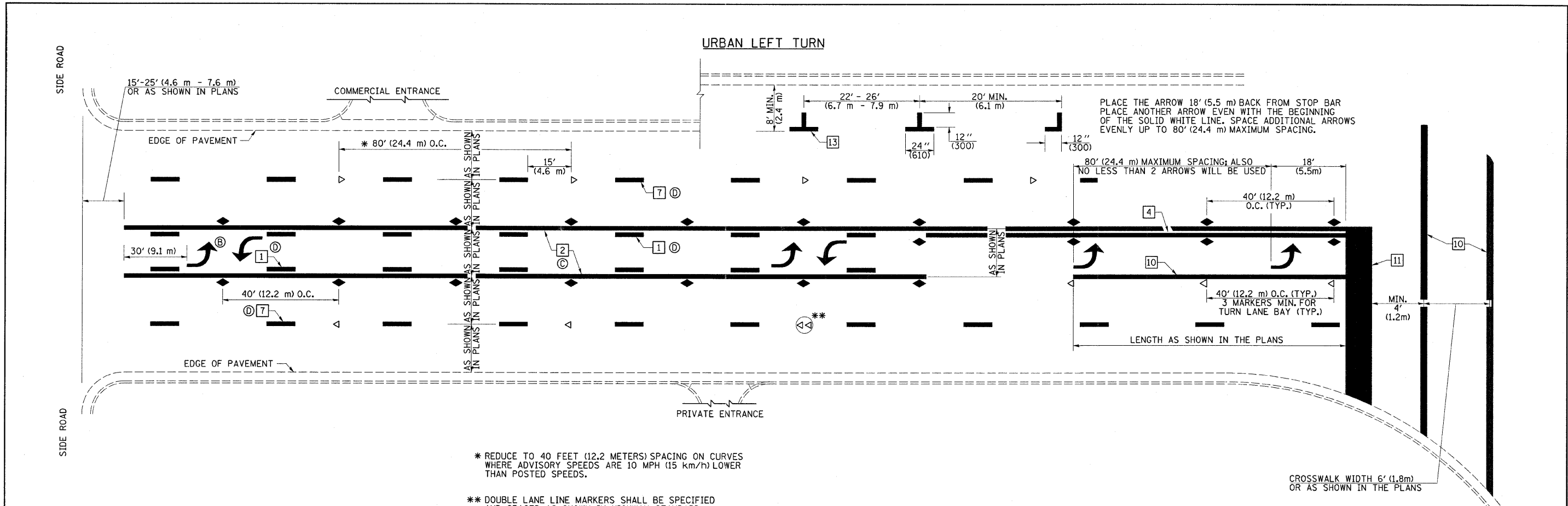
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c:\pwork\pwork\dot\teasleyk\d0264695\07	4467-sht-details.dgn	DRAWN -	REVISED -
	PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED -
	PLOT DATE = 9/29/2011	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

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

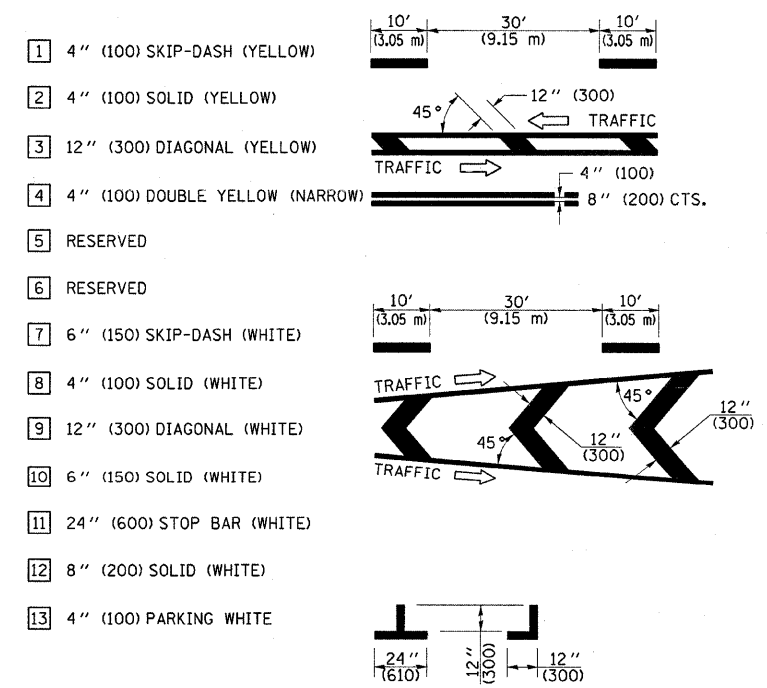
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57			32	27
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74467	



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

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

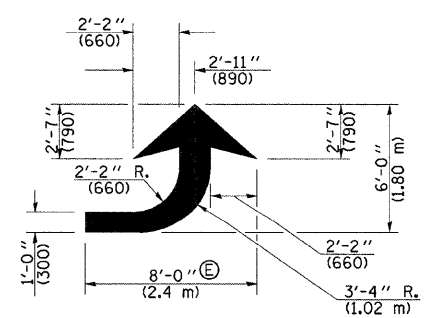
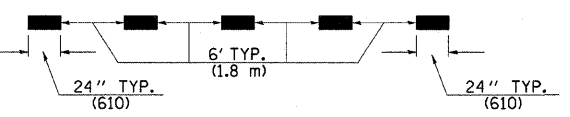
**PAVEMENT MARKING LEGEND**



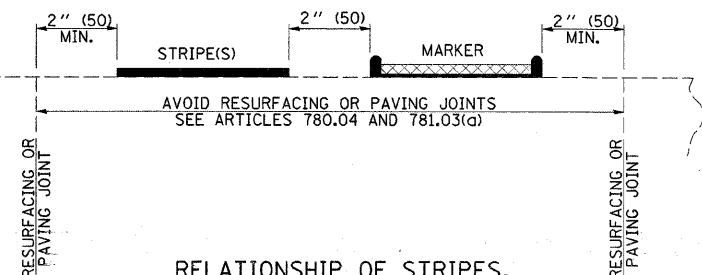
**GENERAL NOTES**

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

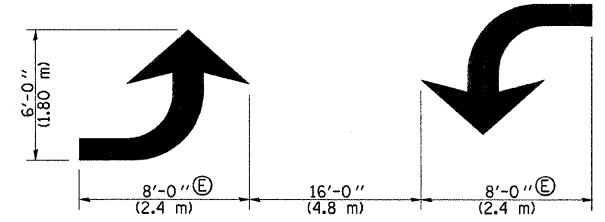
**LANE LINE EXTENSIONS**



**LEFT ARROW**  
REVERSE FOR RIGHT ARROW  
AREA = 15.6 SQ. FT. (1.47 m<sup>2</sup>)  
(WHITE)



**RELATIONSHIP OF STRIPES, MARKERS AND JOINTS**



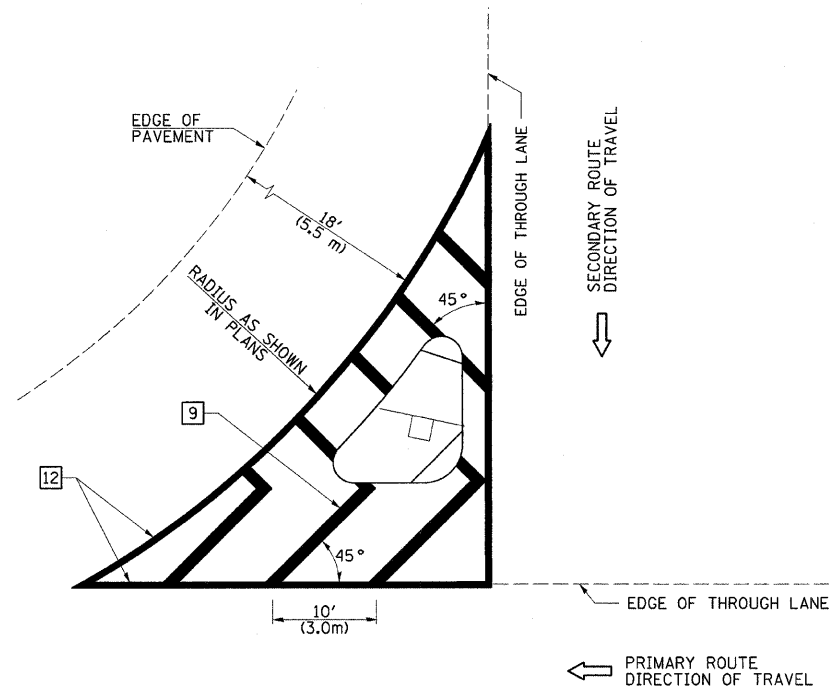
**TYPICAL DOUBLE TURN ARROWS (WHITE)**

NOT TO SCALE

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

FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS (RURAL &amp; URBAN APPLICATIONS)</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ca:\pw_work\pwidot\teasleyck\d0264695\07	4467-shit-details.dgn	DRAWN -	REVISED -			57	.	.	32	28	
	PLOT SCALE = 50.0000' / 1"	CHECKED -	REVISED -			CONTRACT NO. 74467					
	PLOT DATE = 9/29/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

**ISLAND**

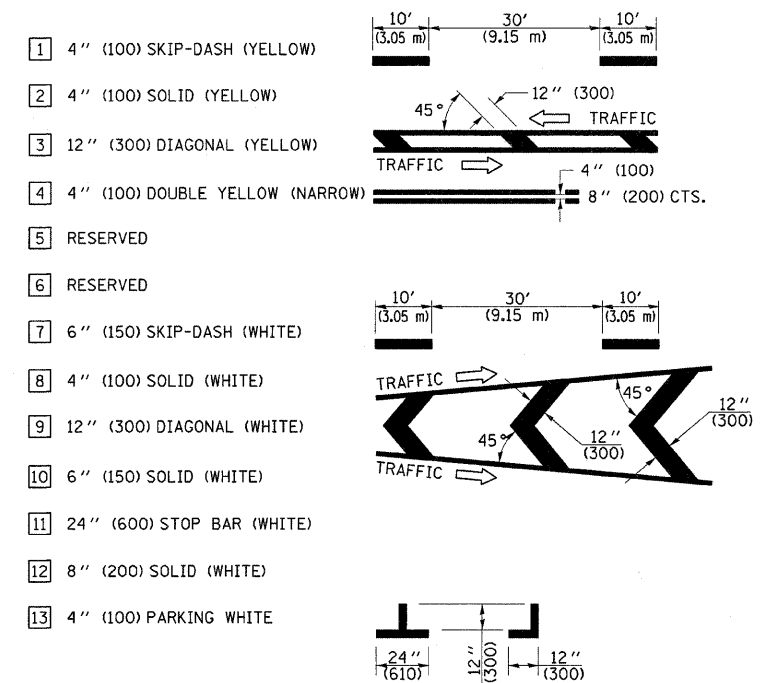


**GENERAL NOTES**

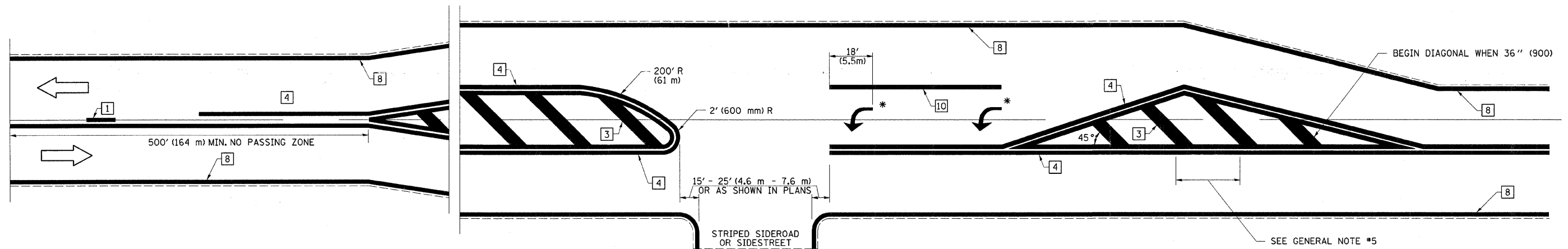
1. RAISED AND CORRUGATED MEDIANS SHALL BE OUTLINED WITH [2] IF PRESENT.
2. SOME OF THE INFORMATION INCLUDED WITH THIS DETAIL MAY NOT BE APPLICABLE TO THIS IMPROVEMENT.
3. PAVEMENT MARKINGS ARE TO BE EXTENDED THROUGH OMISSIONS WHEN APPLICABLE.
4. FINAL PAVEMENT MARKINGS SHALL BE IN PLACE PRIOR TO PLACING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

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

**PAVEMENT MARKING LEGEND**



**RURAL LEFT TURN STRIPING**



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

NOT TO SCALE

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

**DISTRICT 7 DETAIL NO. 7800001**

FILE NAME =	USER NAME = toasleyck	DESIGNED -	REVISED -
c:\pw_work\pwi\dot\toasleyck\d264695\07	4467-sht-detail.dgn	DRAWN -	REVISED -
	PLOT SCALE = 50,0000 // in.	CHECKED -	REVISED -
	PLOT DATE = 9/29/2011	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

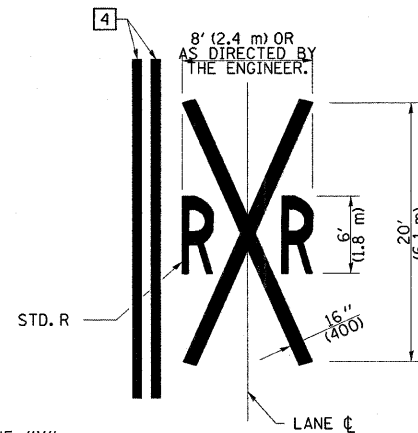
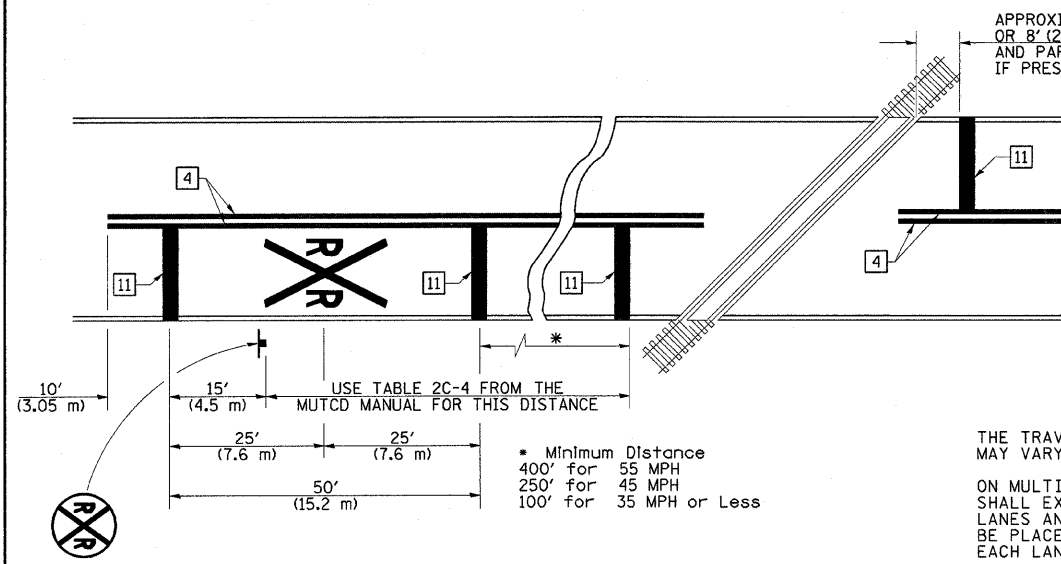
**PAVEMENT MARKING AND RAISED REFLECTIVE PAVEMENT MARKERS  
(RURAL & URBAN APPLICATIONS)**

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	.	32	29
CONTRACT NO. 74467				

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

PAVEMENT MARKINGS AT RAILROAD-HIGHWAY GRADE CROSSING

PAVEMENT MARKING LEGEND



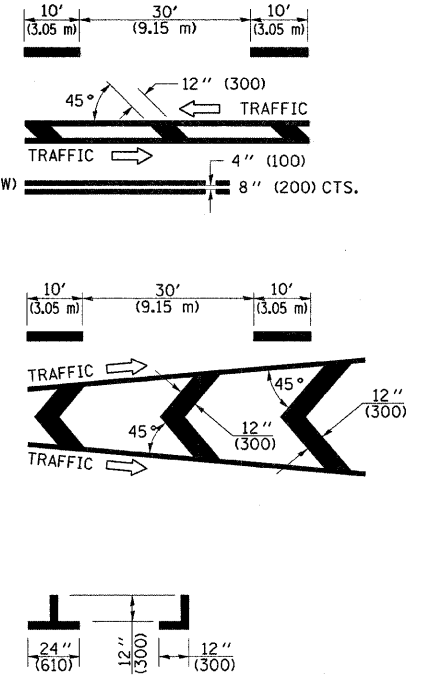
NOTES

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

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

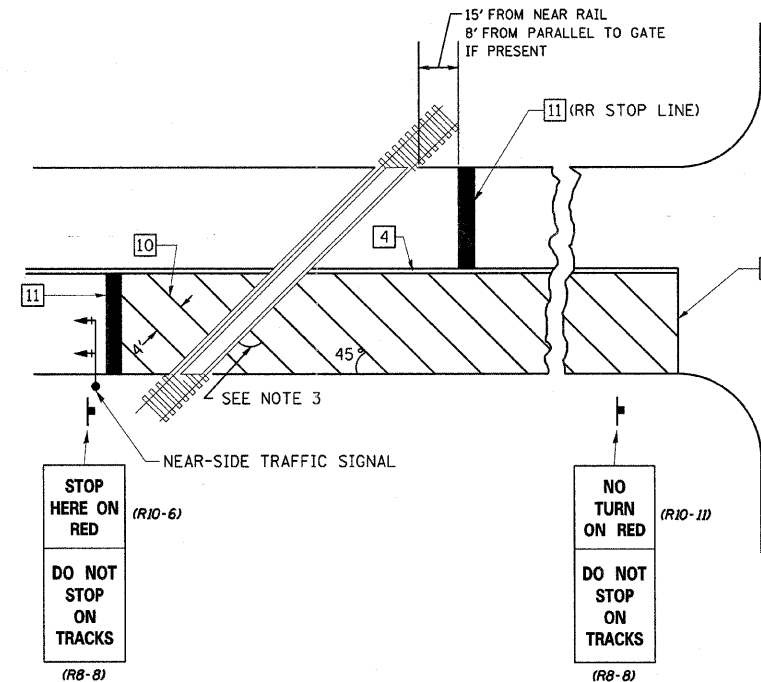
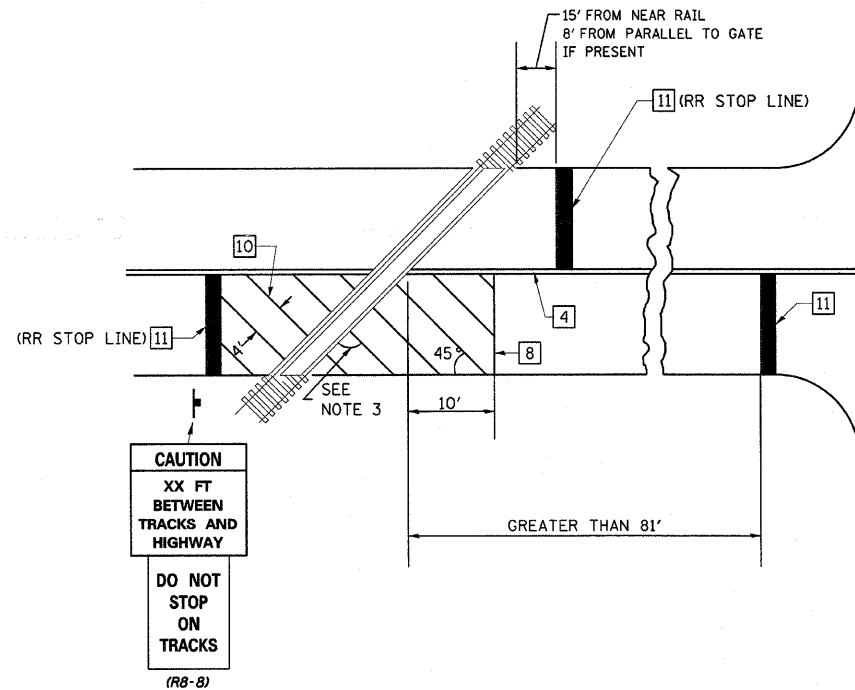
WHEN THE PAVEMENT MARKING SYMBOL IS USED, A PORTION OF THE SYMBOL SHOULD BE LOCATED DIRECTLY ADJACENT TO THE ADVANCE WARNING SIGN (W10-1) AS PLACED BY TABLE 11-1, CONDITION B OF THE MUTCD.

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



RAILROAD CROSSING WITH INTERCONNECT ONLY

RAILROAD CROSSING WITH INTERCONNECT AND PRE-SIGNALS



GENERAL NOTES

1. SUPPLEMENTAL PAVEMENT MARKINGS TO BE INSTALLED ONLY ON APPROACHES TO INTERSECTIONS CONTROLLED BY TRAFFIC SIGNALS WHICH ARE INTERCONNECTED WITH THE RAILROAD WARNING SIGNALS.
2. EXTEND PAVEMENT MARKINGS TO THE INTERSECTION ONLY WHERE NEAR-SIDE TRAFFIC SIGNALS ARE USED.
3. WHERE THE ANGLE BETWEEN THE DIAGONAL PAVEMENT MARKINGS AND THE TRACK WOULD BE LESS THAN 20°, THE PAVEMENT MARKINGS SHOULD BE PLACED IN THE OPPOSITE DIRECTION FROM THAT SHOWN.

SUPPLEMENTAL PAVEMENT MARKING TREATMENT FOR RAILROAD-HIGHWAY GRADE CROSSING

NOT TO SCALE

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

DISTRICT 7 DETAIL NO. 7800001

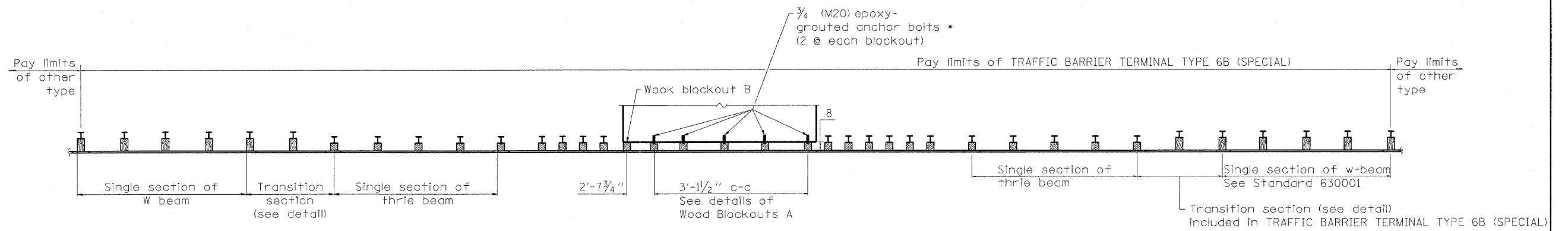
FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -
ca:\pw\work\pwwdot\teasleyck\0264695\07	4467-shit-details.dgn	DRAWN -	REVISED -
	PLOT SCALE = 50.0000' / 1" =	CHECKED -	REVISED -
	PLOT DATE = 9/29/2011	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

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

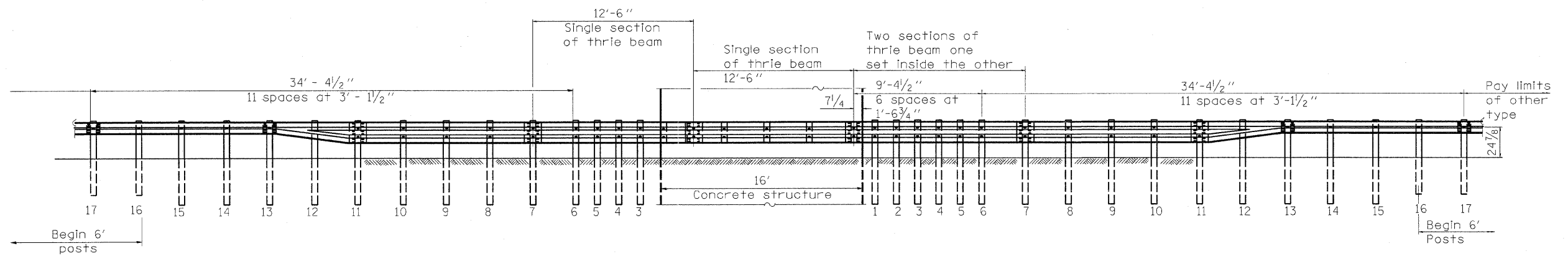
F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57			32	30
			CONTRACT NO. 74467	
ILLINOIS FED. AID PROJECT				

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

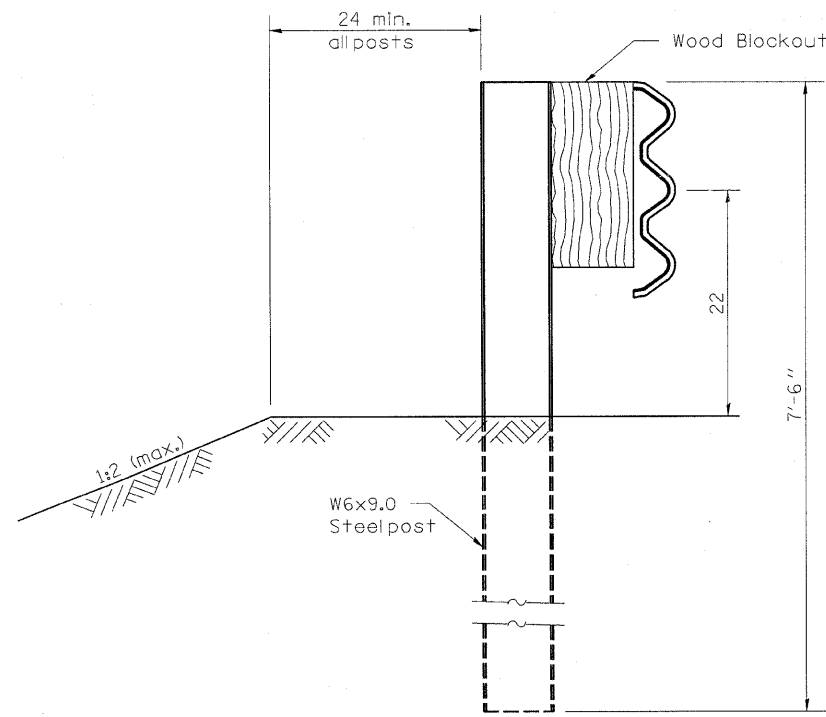


PLAN

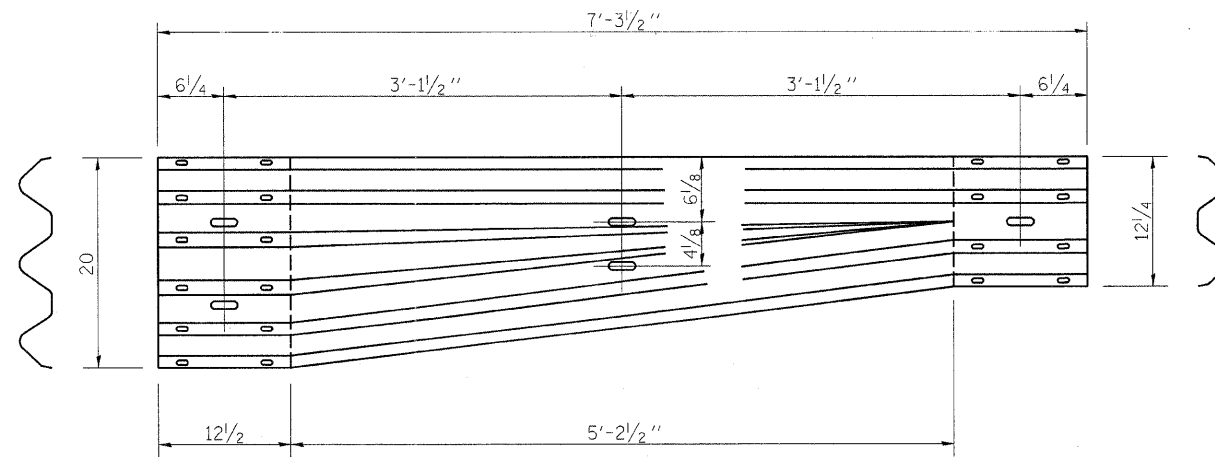
\* With standard washers. After tightening, cut the anchor bolts flush with the nuts and damage the nuts to prevent them from loosening.



ELEVATION



SECTION A-A

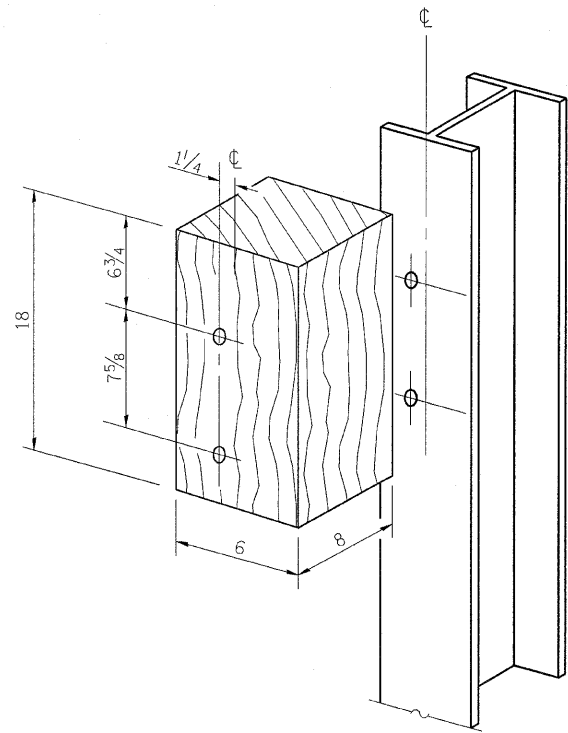


TRANSITION SECTION  
(10 gauge rail element)

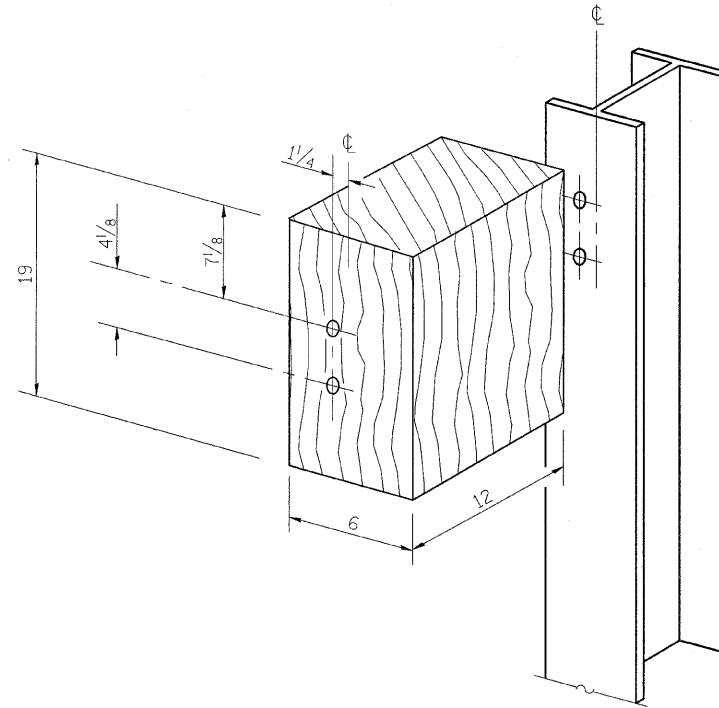
**GENERAL NOTES**

- 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 inches unless otherwise shown.

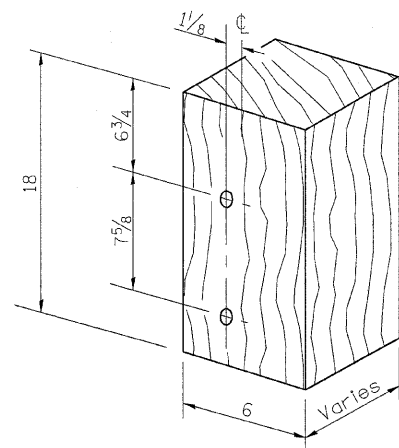
FILE NAME =	USER NAME = teasleyck	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL)</b>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
ct:\pw_work\pwwidot\teasleyck\d0264695\07	4467-shit-details.dgn	DRAWN -	REVISED -			57	.	.	32	31	
	PLOT SCALE = 50,0000' / in.	CHECKED -	REVISED -			CONTRACT NO. 74467					
	PLOT DATE = 9/29/2011	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					
					SCALE:	SHEET NO. OF	SHEETS	STA.	TO STA.		



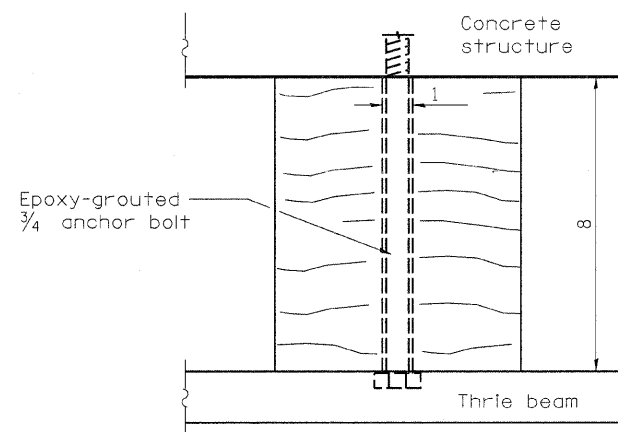
**POSTS 1-11 WOOD BLOCKOUT DETAIL**



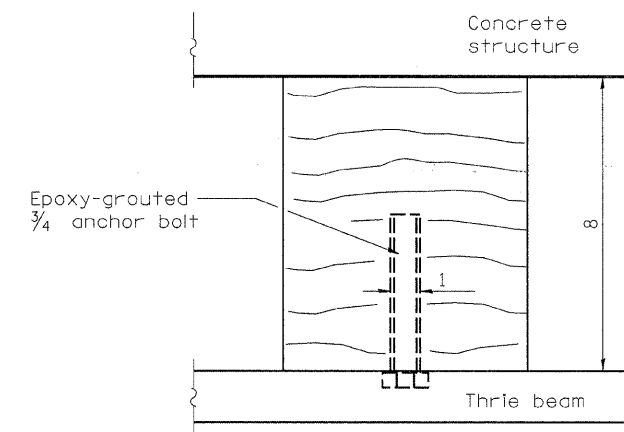
**POST 12 WOOD BLOCKOUT DETAIL**  
(See Standard 630001 for post 13-17 blockouts.)



**MODIFIED THICKNESS DETAIL  
WOOD BLOCKOUTS A**



**WOOD BLOCKOUT A**



**WOOD BLOCKOUT B**

FILE NAME =  
c:\pw\_work\pwidot\teasleyck\d0264695\07

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4467-shr-details.dgn  
PLOT SCALE = 50.0000' / 1" =  
PLOT DATE = 9/29/2011

DESIGNED -  
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CHECKED -  
DATE -

REVISED -  
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REVISED -  
REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC BARRIER TERMINAL, TYPE 6B (SPECIAL)**

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

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	.	.	32	32
ILLINOIS FED. AID PROJECT			CONTRACT NO. 74467	

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Shelby, Cumberland