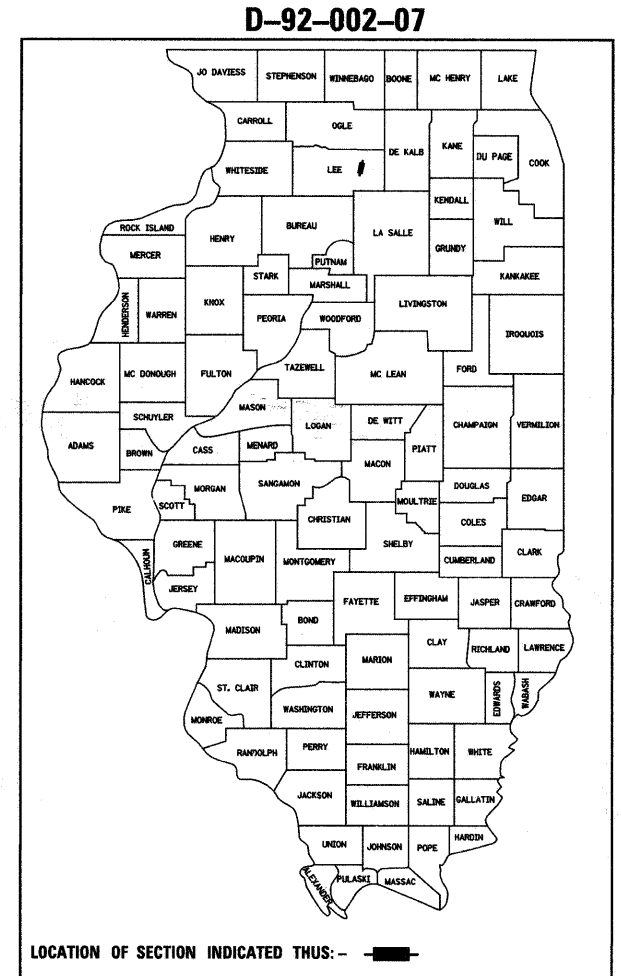


F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	109T	LEE	15	1

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
HIGHWAY PLANS**

FAS ROUTE 1177 (IL 251)
SECTION 109T
PROJECT RS-1177(112)
LEE COUNTY
C-92-050-09



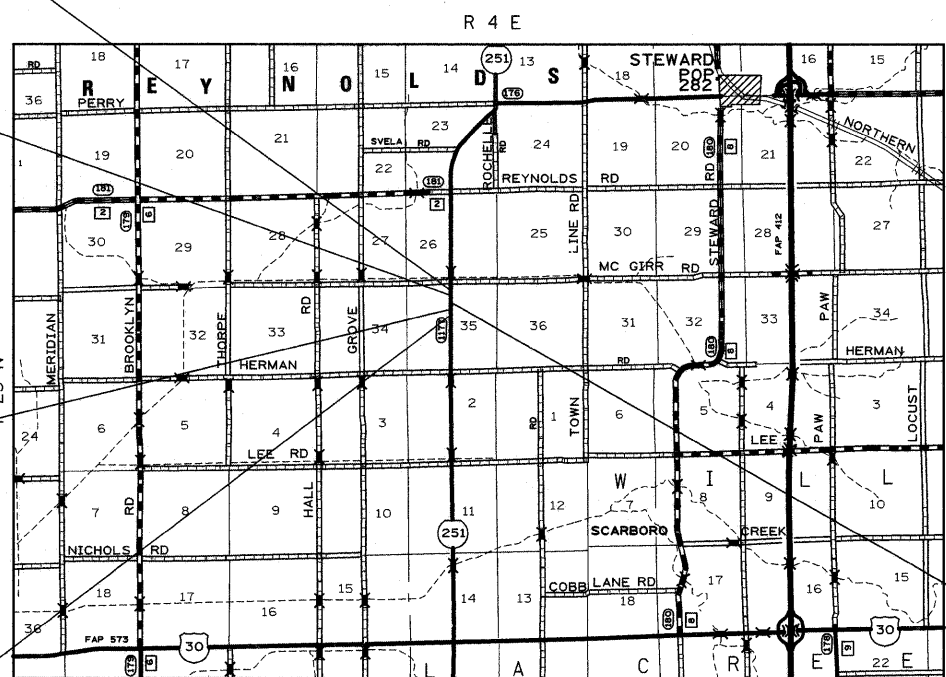
FOR INDEX OF SHEETS, SEE SHEET NO. 2
FOR LIST OF STANDARDS, SEE SHEET NO. 2

IMPROVEMENT ENDS
STA 775 + 45

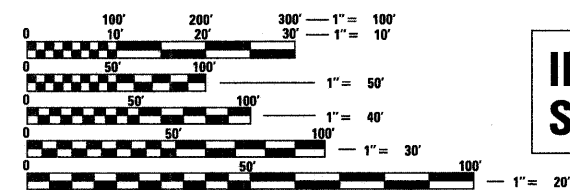
SECTION ENDS
STA 775 + 20

SECTION BEGINS
STA 774 + 91

IMPROVEMENT BEGINS
STA 774 + 65



BOX CULVERT
STA 775 + 04



REYNOLDS TOWNSHIP, SECTION 2
J.U.L.I.E.
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
1-800-892-0123

NET LENGTH OF PROJECT = 30 FEET = 0.006 MILES
GROSS LENGTH OF PROJECT = 80 FEET = 0.015 MILES

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
SUBMITTED OCTOBER 10 20 08
George F. Ryan
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER
December 5, 20 08
Eric E. Harrel
INTERIM ENGINEER OF DESIGN AND ENVIRONMENT
December 5, 20 08
Christina M. Reed
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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

SQUAD LEADER: DERRICK LOPEZ (815) 284-5930

PROJECT ENGINEER: REBECCA MARRUFFO

INDEX OF SHEETS

SHEET NO	TITLE
1	COVER SHEET
2	INDEX OF SHEETS AND STANDARDS
3	SUMMARY OF QUANTITIES
4	GENERAL NOTES
5	TYPICAL SECTIONS
6-7	SCHEDULE OF QUANTITIES
8-9	HORIZONTAL AND VERTICAL CONTROLS
10	PLAN AND PROFILE SHEETS
11	DELINEATOR AND POST (37.4) LETTERING FOR NAME PLATE (89.4) EROSION CONTROL DETAILS FOR SILT FENCE (29.2)
12	WITNESS MARKER & PERMANENT SURVEY MARKERS, TYPE II (66.2) PRECAST REINFORCED CONCRETE ARCH DIAMETER FLARED END SECTION (86.2)
13-14	TYPICAL PAVEMENT MARKINGS (41.1)
15	CROSS SECTIONS

- 280001-04
- 420001-07
- 442201-03
- 635001-01
- 701006-03
- 701201-03
- 701301-03
- 701311-03
- 701901-01
- 720011-01
- 728001-01
- 729001-01
- 780001-02
- 000001-05

STANDARDS

- TEMPORARY EROSION CONTROL SYSTEMS
- PAVEMENT JOINTS
- CLASS C AND D PATCHES
- DELINEATORS
- OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600MM (24") FROM PAVEMENT EDGE
- LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS \geq 45 MPH
- LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
- LANE CLOSURE, 2L, 2W, MOVING OPERATIONS-DAY ONLY
- TRAFFIC CONTROL DEVICES
- METAL POSTS FOR SIGNS, MARKERS AND DELINEATORS
- TELESCOPING STEEL SIGN SUPPORT
- APPLICATIONS OF TYPES A AND B METAL POSTS (FOR SIGNS & MARKERS)
- TYPICAL PAVEMENT MARKINGS
- STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS

FILE NAME =	USER NAME = grantom	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	INDEX OF SHEETS				F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D:\Projects\Lee\64C73_IL251_Maginn\Lopez\Final\00207covr.dgn	DRAWN -	REVISED -	1177		109T	LEE	15	2					
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 64C73										
PLOT DATE = Fri Oct 10 08:15:47 2008	DATE -	REVISED -	SCALE:		SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT					

SUMMARY OF QUANTITIES

CODE NUMBER	PAY ITEMS	UNIT	80% FED / 20% STATE TOTAL QUANTITY /007
21400100	GRADING AND SHAPING DITCHES	FOOT	160
28000300	TEMPORARY DITCH CHECKS	EACH	4
28000400	PERIMETER EROSION BARRIER	FOOT	69
28000500	INLET AND PIPE PROTECTION	EACH	3
44201359	CLASS C PATCHES, TYPE IV, 10 INCH	SQ YD	89
48101200	AGGREGATE SHOULDERS, TYPE B	TON	17
50100300	REMOVAL OF EXISTING STRUCTURES NO. 1	EACH	1
51500100	NAME PLATES	EACH	1
54207591	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE-ARCH, EQUIVALENT ROUND-SIZE 36"	FOOT	90
54214941	PRECAST REINFORCED CONCRETE FLARED END SECTIONS-ARCH, EQUIVALENT ROUND-SIZE 36"	EACH	4
63500105	DELINEATORS	EACH	2
66700305	PERMANENT SURVEY MARKERS, TYPE II	EACH	2
67100100	MOBILIZATION	L SUM	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	180
Z0013798	CONSTRUCTION LAYOUT	L SUM	1
XX001135	PAVEMENT PATCHING SPECIAL * SPECIALTY ITEMS	SQ YD	89

GENERAL NOTES

ROUTE NO.	SEC.	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1177 (IL 251)	109T	Lee	15	4
FED ROAD DIST. NO.	ILLINOIS	PROJECT		

Contract #64C73

The final top 100 mm (four inches) of soil in any right-of-way area disturbed by the Contractor must be capable of supporting vegetation. The soil must be from the A horizon (zero to 2' deep) of soil profiles of local soils.

The Contractor shall seed all disturbed areas within the project limits. Seeding Class 4 or 2A shall be used, except in front of properties where the grass will be mowed, then use Seeding, Class 1. Class 2A shall be used on front slopes and ditch bottoms. Class 4 shall be used behind Type A gutter, on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches. This work will be included in the contract unit price per Cubic Meter (Cubic Yard) for GRADING AND SHAPING DITCHES.

Fertilizer shall be applied to all disturbed areas and incorporated into the seedbed prior to seeding or placement of sod at the rate specified in Sections 250 and 252 of the Standard Specifications. This work shall be included in the cost of GRADING AND SHAPING DITCHES.

Mulch Method II shall be applied over all seeded areas. This shall be included in the cost of the GRADING AND SHAPING DITCHES.

Placement and compaction of the backfill for proposed across road culverts and existing across road culverts that are removed shall conform to Section 502.10 of the Standard Specifications, except that the material shall conform to Article 208.02 of the Standard Specifications, and shall be compacted to a minimum of 95% of the standard laboratory density. Any material conforming to the requirements of Article 1003.04 or 1004.05 which has been excavated from the trenches shall be used for backfilling the trenches. The entire excavation, within 2 feet outside of each shoulder, shall be backfilled with trench backfill material to the bottom of the proposed subgrade. This trench backfill material will not be measured for payment, but shall be included in the contract unit price for the class of concrete involved or other unit price item of the work for which it is required.

The new number for this structure will be 052-1120.

Culvert & bridge flows must be maintained throughout the project. Normal flow shall be allowed to pass at the rate it enters the jobsite. High flows shall be allowed to pass without causing damage to upstream properties.

Delineators shall be installed as shown in Standard 635001, except that the post shall be rotated 180° and only metal-backed delineators shall be permitted.

Delineators shall be placed at the ends of approach guardrail terminal sections, and at each headwall or end section of AR Culverts. This work will be paid for at the contract unit price each for DELINEATORS.

PERMANENT SURVEY MARKERS, TYPE II, shall be set at intervals of 1.6 Km (1 mile) or as directed by the Engineer. Bridge or culvert projects shall have one survey marker placed near the structure. Estimated: 2 Each.

Permanent Survey Markers, Type II shall be cast-in-place as shown on District Standard 66.2. The bottom of the marker shall be 5'-0" below the ground surface.

The Contractor shall submit to the Engineer a description of location, elevation, and coordinates for each permanent survey marker. The horizontal and vertical coordinates must be derived by GPS and the elevation derived by a closed level circuit. The Engineer shall submit this information to the Survey Crew.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.31 of the Standard Specifications. A minimum of 48 hours advance notice is required for non-emergency work. The JULIE number is 800-892-0123. The following listed utilities located within the project limits or immediately adjacent to the project construction limits are members of JULIE:

Commonwealth Edison Co.

Verizon

CADD data will be available to Contractors and Consultants working on this project. This information will be provided upon request as MicroStation CADD files and Geopak coordinate geometry files ONLY. If data is required in other formats it will be your responsibility to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the District's Project Engineer to request these files.

Program #5
(Arch. Size)
Enlarge
200%
Enlarge 107%

SCHEDULE OF QUANTITIES

21400100	GRADING AND SHAPING DITCHES				
	<u>FOOT</u>	<u>LOCATION</u>		<u>REMARKS</u>	
		MAINLINE			
	80.0	RT	774 + 65 TO 775 + 45		
	80.0	LT	774 + 65 TO 775 + 45		
TOTAL	<u>160.0</u>				

48101200	AGGREGATE SHOULDERS, TYPE B				
	<u>TON</u>	<u>LOCATION</u>		<u>REMARKS</u>	
		MAINLINE			
	8.5	RT	774 + 91 TO 775 + 20		
	8.5	LT	774 + 91 TO 775 + 20		
TOTAL	<u>17.0</u>				

28000300	TEMPORARY DITCH CHECKS				
	<u>EACH</u>	<u>LOCATION</u>		<u>REMARKS</u>	
		MAINLINE			
	1.0	RT	774 + 65		
	1.0	RT	775 + 45		
	1.0	LT	774 + 65		
	1.0	LT	775 + 45		
TOTAL	<u>4.0</u>				

50100300	REMOVAL OF EXISTING STRUCTURES, NO. 1				
	<u>EACH</u>	<u>LOCATION</u>		<u>REMARKS</u>	
		MAINLINE			
	1.0		775 + 00		6' X 3' BOX
TOTAL	<u>1.0</u>				

28000400	PERIMETER EROSION BARRIER				
	<u>FOOT</u>	<u>LOCATION</u>		<u>REMARKS</u>	
		MAINLINE			
	68.5	LT	774 + 75 TO 775 + 40		
TOTAL	<u>68.5</u>				

51500100	NAME PLATES				
	<u>EACH</u>	<u>LOCATION</u>		<u>REMARKS</u>	
		MAINLINE			
	1.0		775 + 07		
TOTAL	<u>1.0</u>				

28000500	INLET AND PIPE PROTECTION				
	<u>EACH</u>	<u>LOCATION</u>		<u>REMARKS</u>	
		MAINLINE			
	1.0	LT	775 + 19		
	1.0	RT	775 + 01		
	1.0	RT	775 + 09		
TOTAL	<u>3.0</u>				

54207591	PIPE CULVERTS, TYPE 1, REINFORCED CONCRETE-ARCH EQUIVALENT ROUND SIZE 36"				
	<u>FOOT</u>	<u>LOCATION</u>		<u>REMARKS</u>	
		MAINLINE			
	45.0		775 + 02		
	45.0		775 + 08		
TOTAL	<u>90.0</u>				

44201359	CLASS C PATCHES, TYPE IV, 10 INCH				
	<u>SQ_YD</u>	<u>LOCATION</u>		<u>REMARKS</u>	
		MAINLINE			
	88.5		774 + 91 TO 775 + 20		
TOTAL	<u>88.5</u>				

54214941	PRECAST REINFORCED CONCRETE FLARED END SECTIONS-ARCH EQUIVALENT ROUND SIZE 36"				
	<u>EACH</u>	<u>LOCATION</u>		<u>REMARKS</u>	
		MAINLINE			
	2.0		775 + 02		RT/LT
	2.0		775 + 08		RT/LT
TOTAL	<u>4.0</u>				

SCHEDULE OF QUANTITIES

63500105	DELINEATORS	LOCATION	REMARKS
	EACH	MAINLINE	
	2.0	775 + 05	RT/LT
TOTAL	<u>2.0</u>		

66700305	PERMANENT SURVEY MARKERS, TYPE II	LOCATION	REMARKS
	EACH	MAINLINE	
	2.0	774 + 65 TO 775 + 45	
TOTAL	<u>2.0</u>		

67100100	MOBILIZATION	LOCATION	REMARKS
	L SUM	MAINLINE	
	1.0	774 + 65 TO 775 + 45	
TOTAL	<u>1.0</u>		

70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	LOCATION	REMARKS
	L SUM	MAINLINE	
	1.0	774 + 65 TO 775 + 45	
TOTAL	<u>1.0</u>		

78001110	PAINT PAVEMENT MARKING - LINE 4"	LOCATION	REMARKS
	FOOT		
	60.0	774 + 91 TO 775 + 20	CENTERLINE YELLOW
	60.0	LT 774 + 91 TO 775 + 20	SHOULDER WHITE
	60.0	RT 774 + 91 TO 775 + 20	SHOULDER WHITE
TOTAL	<u>180.0</u>		

Z0013798	CONSTRUCTION LAYOUT	LOCATION	REMARKS
	L SUM	MAINLINE	
	1.0	774 + 65 TO 775 + 45	
TOTAL	<u>1.0</u>		

XX001135	PAVEMENT PATCHING SPECIAL	LOCATION	REMARKS
	SQ YD	MAINLINE	
	88.5	774 + 91 TO 775 + 20	RT/LT
TOTAL	<u>88.5</u>		

HORIZONTAL & VERTICAL CONTROL

Chain IL251 contains:
313 CUR 320 CUR 330 155

Beginning chain IL251 description

Point 313 N 1,841,788.64 E 2,592,213.13 Sta 427+80.47

Course from 313 to PC 320 359° 25' 11.3106" Dist 29,889.83'

Curve Data

Curve 320

P.I. Station 731+18.10 N 1,872,124.71 E 2,591,905.93

Delta = 1° 49' 13.9506" (RT)

Degree = 0° 12' 11.8642"

Tangent = 447.79'

Length = 895.51'

Radius = 28,183.48'

External = 3.56'

Long Chord = 895.48'

Mid. Ord. = 3.56'

P.C. Station 726+70.31 N 1,871,676.94 E 2,591,910.47

P.T. Station 735+65.82 N 1,872,572.41 E 2,591,915.62

C.C. N 1,871,962.33 E 2,620,092.50

Course from PT 320 to PC 330 1° 14' 25.2612" Dist 161.04'

Curve Data

Curve 330

P.I. Station 741+89.57 N 1,873,196.00 E 2,591,929.13

Delta = 1° 36' 49.4373" (LT)

Degree = 0° 10' 27.8091"

Tangent = 462.71'

Length = 925.35'

Radius = 32,854.70'

External = 3.26'

Long Chord = 925.32'

Mid. Ord. = 3.26'

P.C. Station 737+26.86 N 1,872,733.41 E 2,591,919.11

P.T. Station 746+52.21 N 1,873,658.70 E 2,591,926.11

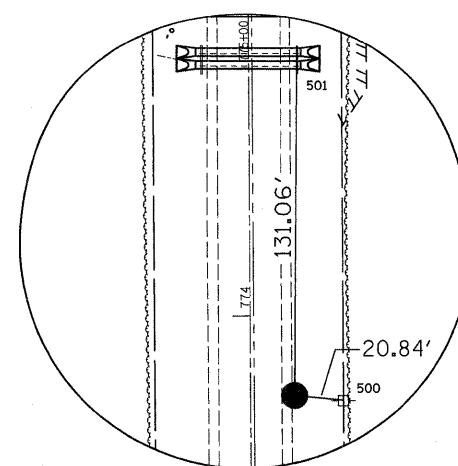
C.C. N 1,873,444.59 E 2,559,072.11

Course from PT 330 to 155 359° 37' 35.8238" Dist 10,642.71'

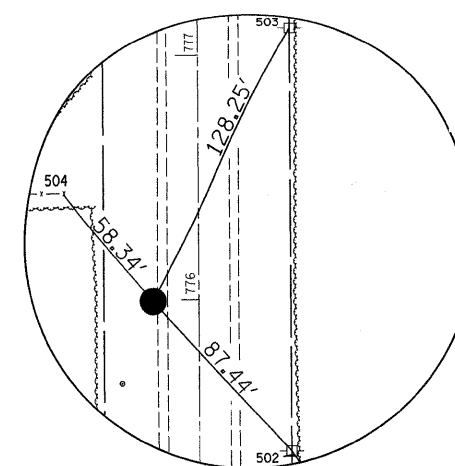
Point 155 N 1,884,301.18 E 2,591,856.76 Sta 852+94.92

Ending chain IL251 description

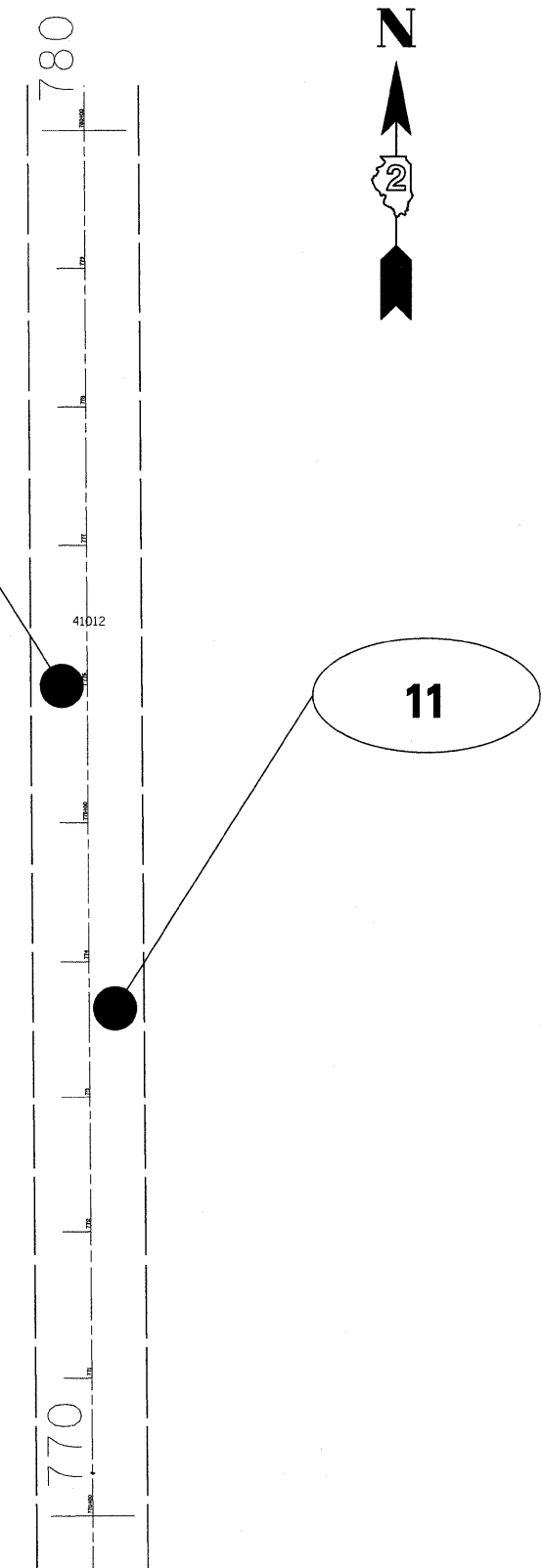
CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
IL251	320	320	321	322	323
IL251	330	330	331	332	333



HORIZONTAL CONTROL
POINT No. 11



HORIZONTAL CONTROL
POINT No. 12



HORIZONTAL & VERTICAL CONTROL

HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
11	1876372.8107	2591927.0797	773.1704	IL251	773+66.26	18.6552' RT	GPS CONTROL POINT
12	1876605.6769	2591887.3681	772.8345	IL251	775+99.38	19.5381' LT	GPS CONTROL POINT

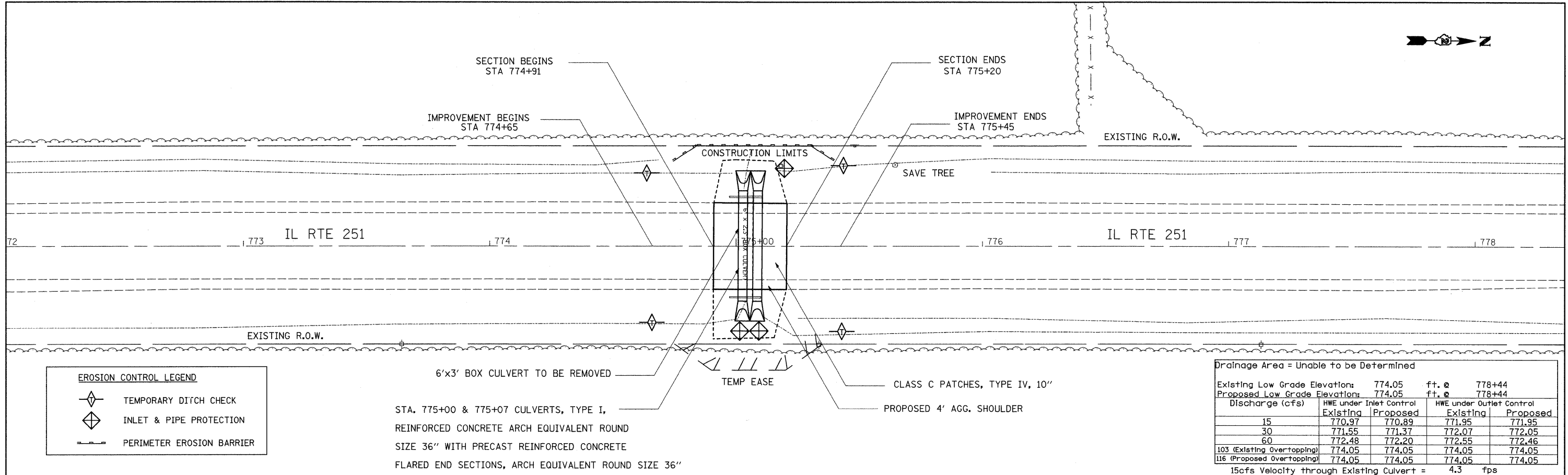
SURVEY WORK POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
100	1872082.9611	2591909.2794	777.6175	IL251	730+76.33	0.0000'	POC
101	1872588.1282	2591915.9459	778.0273	IL251	735+81.55	0.0195' LT	POT
102	1872657.0912	2591917.5149	777.8680	IL251	736+50.53	0.0563' RT	POT
103	1872693.6803	2591918.2140	778.0607	IL251	736+87.12	0.0368' LT	POT
104	1873228.1675	2591926.0963	777.1207	IL251	742+21.68	0.0000'	POC
105	1873976.3931	2591923.7509	776.3298	IL251	749+69.91	0.2903' LT	POT
106	1876038.1097	2591910.8165	774.4046	IL251	770+31.67	0.2112' RT	POT
107	1877400.1576	2591901.9485	775.4528	IL251	783+93.75	0.2194' RT	POT
108	1879649.3489	2591887.0120	773.5220	IL251	806+42.99	0.0594' LT	POT
109	1882465.6003	2591868.7268	776.0629	IL251	834+59.30	0.0084' RT	POT
110	1884301.1774	2591856.6670	783.7291	IL251	852+94.92	0.0892' LT	POT

APPARENT PROPERTY CORNERS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
712	1862025.9988	2592004.4446	777.0874	IL251	630+18.91	3.7526' LT	SECTION CORNER
713	1873999.6717	2591884.0015	775.1363	IL251	749+93.45	39.8872' LT	R.O.W. CORNER

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
412	1878003.8449	2591930.7406	776.4932	IL251	789+97.23	32.945' RT	DISK
471	1872633.0383	2591945.6718	777.3849	IL251	736+27.09	28.7273' RT	HEADWALL

REFERENCE TIES				
POINT	CHAIN	STATION	OFFSET	DESCRIPTION
500	IL251	773+64.86	38.6089' RT	POWER POLE
501	IL251	774+97.19	20.7592' RT	HEADWALL
502	IL251	775+34.86	39.4918' RT	POWER POLE
503	IL251	777+13.25	39.4681' RT	POWER POLE
504	IL251	776+43.88	57.2776' LT	FENCE POST

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
D:\Projects\Lee\64C73_IL251_Mcgriff\Lopez\Final\00207hvo.dgn	DRAWN -	REVISED -	1177					109T	LEE	15	9	
PLOT SCALE = 50.0000' / IN.	CHECKED -	REVISED -	CONTRACT NO. 64C73									
PLOT DATE = Fri Oct 10 08:11:48 2008	DATE -	REVISED -	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT									



EROSION CONTROL LEGEND

- TEMPORARY DITCH CHECK
- INLET & PIPE PROTECTION
- PERIMETER EROSION BARRIER

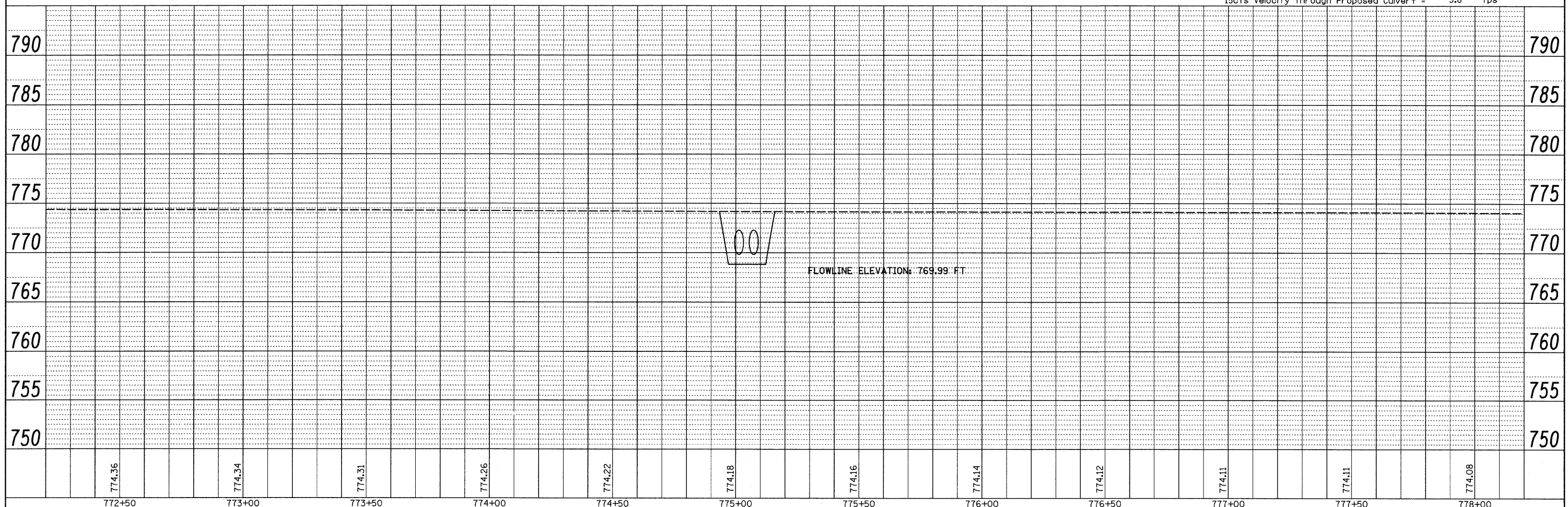
STA. 775+00 & 775+07 CULVERTS, TYPE I,
 REINFORCED CONCRETE ARCH EQUIVALENT ROUND
 SIZE 36" WITH PRECAST REINFORCED CONCRETE
 FLARED END SECTIONS, ARCH EQUIVALENT ROUND SIZE 36"

Drainage Area = Unable to be Determined

Discharge (cfs)	HWE under Inlet Control		HWE under Outlet Control	
	Existing	Proposed	Existing	Proposed
15	770.97	770.89	771.95	771.95
30	771.55	771.37	772.07	772.05
60	772.48	772.20	772.55	772.46
103 (Existing Overtopping)	774.05	774.05	774.05	774.05
116 (Proposed Overtopping)	774.05	774.05	774.05	774.05

Existing Low Grade Elevation: 774.05 ft. @ 778+44
 Proposed Low Grade Elevation: 774.05 ft. @ 778+44

15cfs Velocity through Existing Culvert = 4.3 fps
 15cfs Velocity through Proposed Culvert = 5.8 fps



FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
0:\Projects\Lee\64C73_IL251_Magurr\Lopez\final\00207.pln.dgn		DRAWN -	REVISED -
	PLOT SCALE = 20.0000' / IN.	CHECKED -	REVISED -
	PLOT DATE = Fri Oct 10 08:08:02 2008	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PLAN AND PROFILE

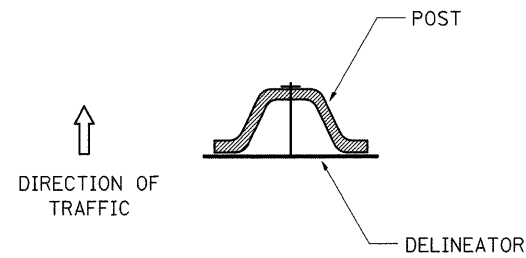
SCALE: SHEET NO. OF SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	109T	LEE	15	10
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
			CONTRACT NO. 64C73	

PLAN SURVEYED BY DATE
 PLOTTED BY DATE
 CHECKED BY DATE
 RI. OF WAY CHECKED BY DATE
 CADD FILE NAME NO.

PROFILE SURVEYED BY DATE
 PLOTTED BY DATE
 CHECKED BY DATE
 S.W. NOTED BY DATE
 STRUCTURE NOTATIONS CHFD NO.

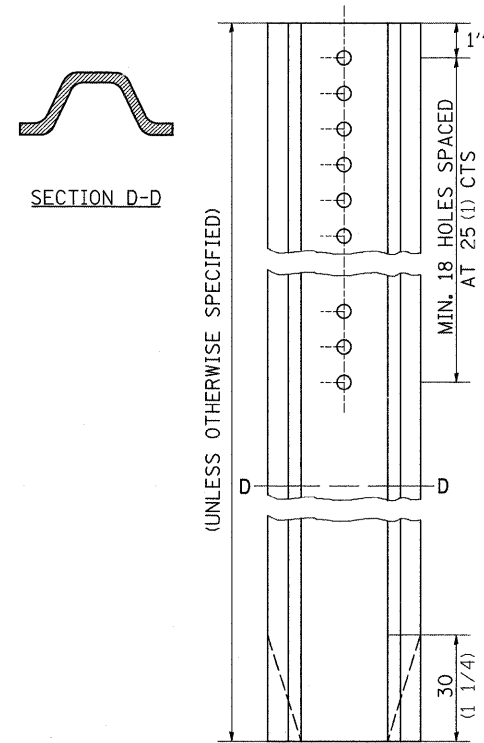
DELINEATOR AND POST ORIENTATION



DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 11-01-07



DELINEATOR AND POST ORIENTATION 37.4

LETTERING FOR NAME PLATE

STATION
BUILT 200 BY
STATE OF ILLINOIS
RTE. SEC.
FA PROJECT
LOADING HS 20
STR. NO.

SEE STD. 515001

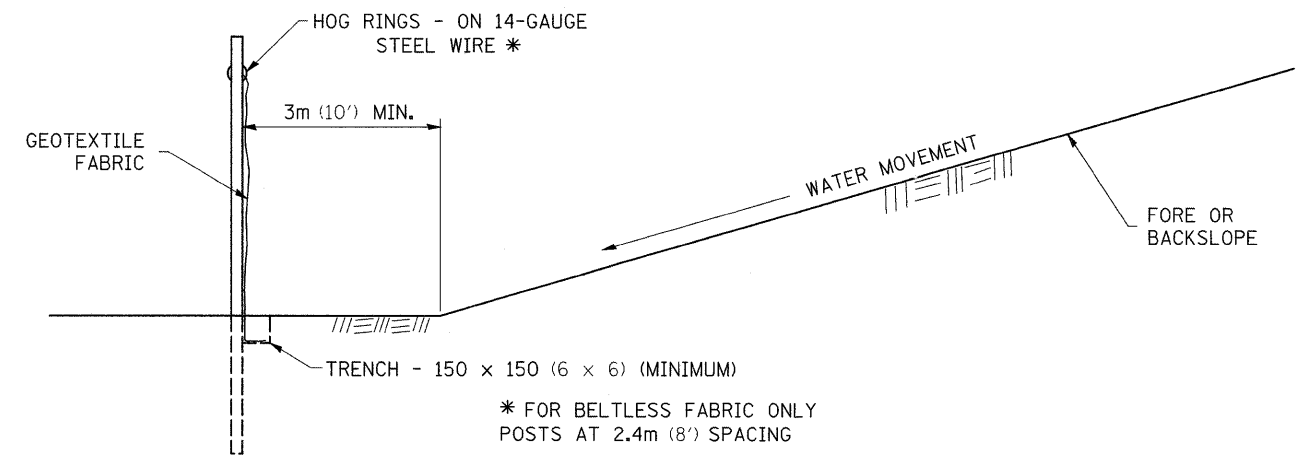
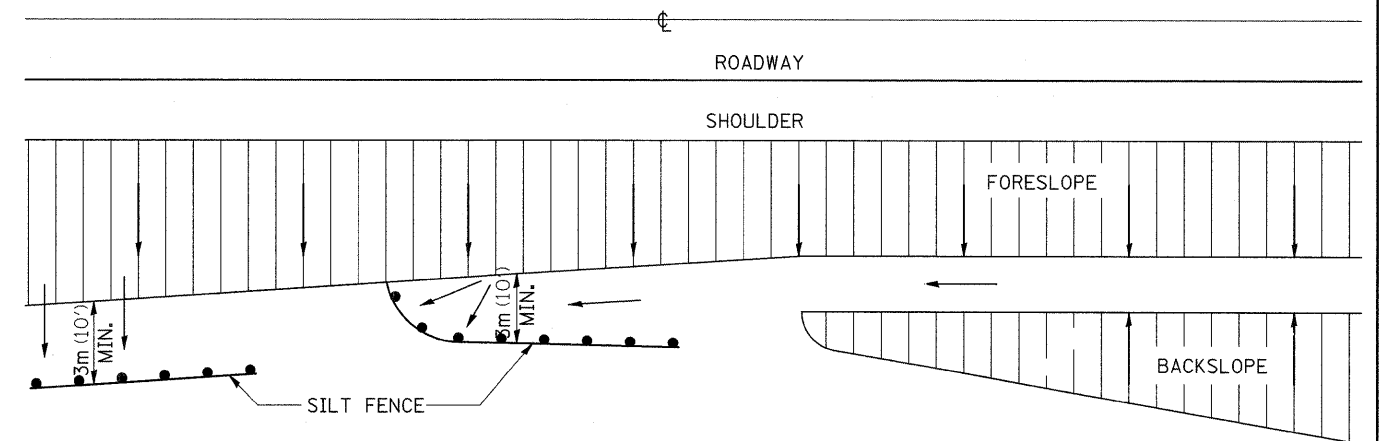
STATION	STRUCTURE NO.

ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 11-01-07

LETTERING FOR NAME PLATE 89.4

EROSION CONTROL DETAILS FOR SILT FENCE



DETAILS OF SILT FENCE

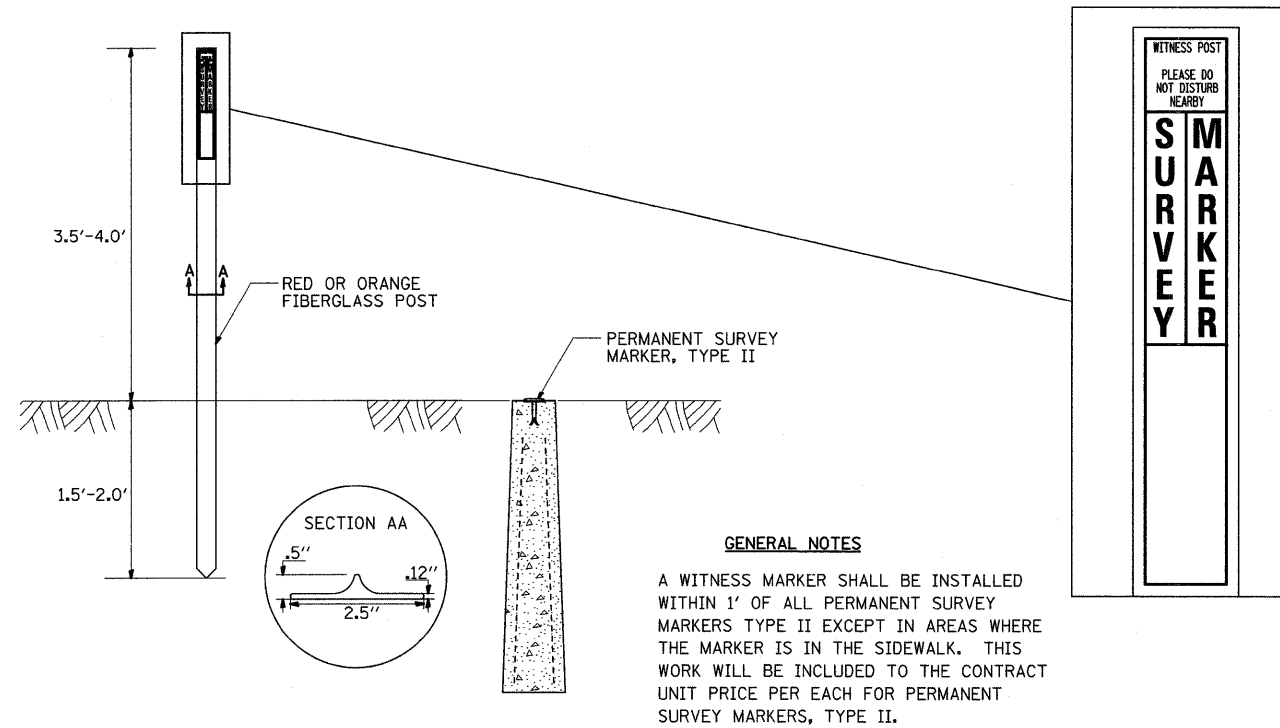
ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 10-22-01	REGION 2 / DISTRICT 2 STANDARD	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -		1177	109T	LEE	15	11
REVISED -		CONTRACT NO. 64C73				
REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

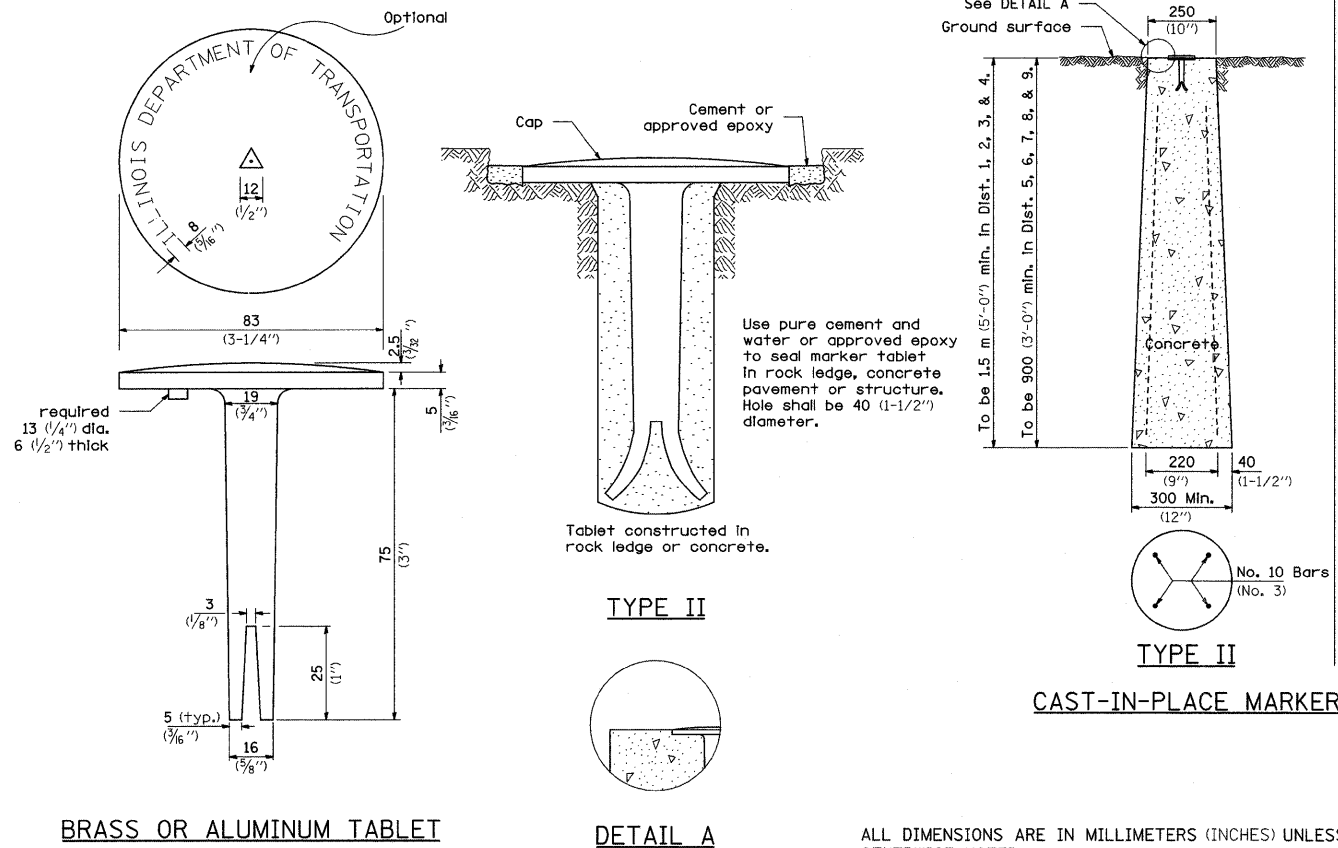
SCALE: 50.0000 / 1" SHEET NO. OF SHEETS STA. TO STA. PLOT DATE = F:1 Oct 10 08:06:50 2008

EROSION CONTROL DETAILS FOR SILT FENCE 29.2

WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II



PERMANENT SURVEY MARKERS, TYPE II

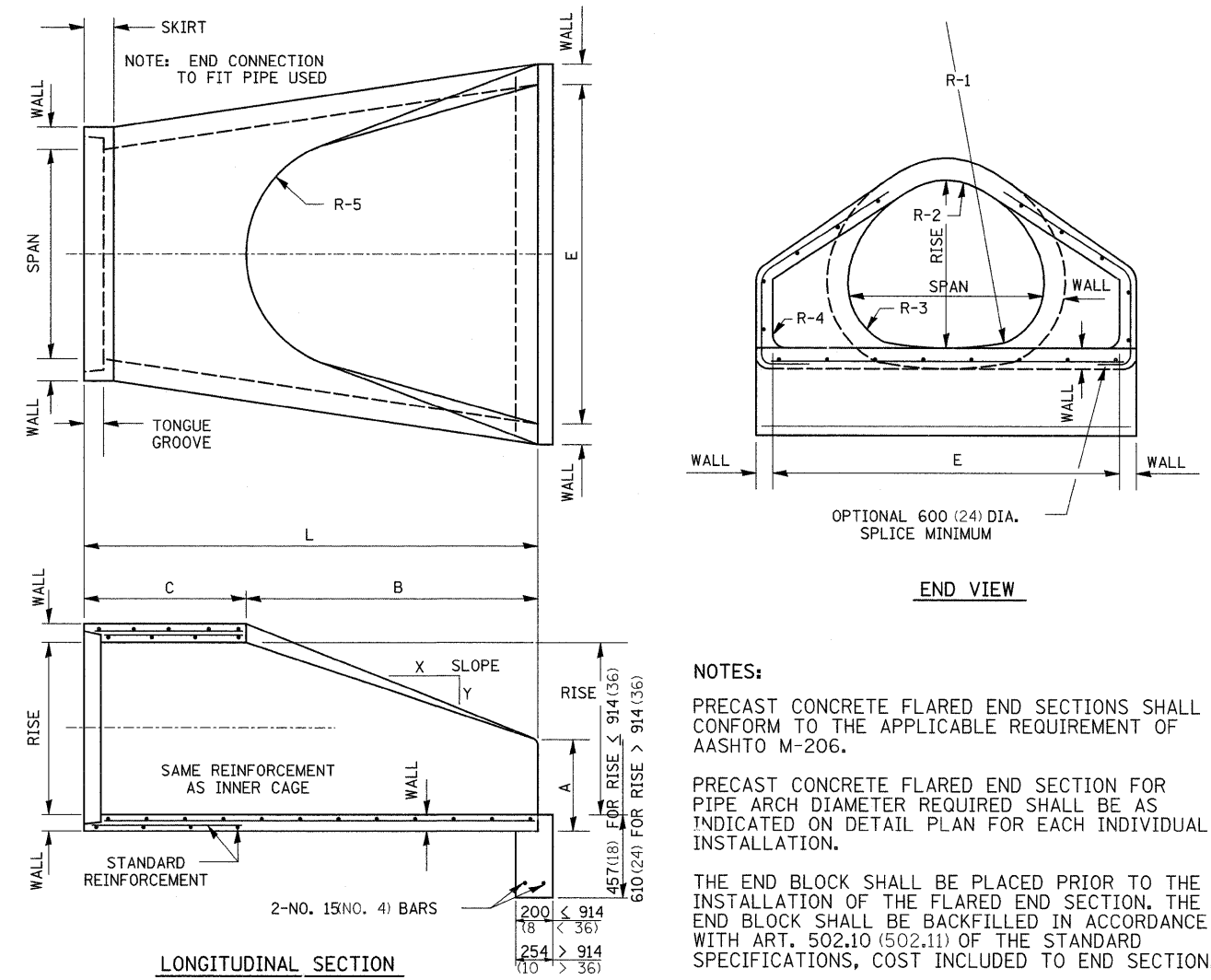


ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

REVISED - 6-26-06

PRECAST REINFORCED CONCRETE ARCH DIAMETER FLARED END SECTION

SIZE	WALL	SPAN	RISE	L	B	C	E	A	SLOPE	R-1	R-2	R-3	R-4	R-5
450 (18)	64 (2 1/2)	559 (22)	343 (13 1/2)	1829 (72)	686 (27)	1143 (45)	914 (36)	178 (7)	1:2.16	699 (27 1/2)	349 (13 3/4)	133 (5 1/4)	51 (2)	305 (12)
600 (24)	76 (3)	724 (28 1/2)	457 (18)	1829 (72)	991 (39)	838 (33)	1219 (48)	203 (8)	1:2.29	1033 (40 5/8)	370 (14 5/8)	117 (4 5/8)	76 (3)	356 (14)
750 (30)	89 (3 1/2)	921 (36 1/4)	572 (22 1/2)	1829 (72)	1219 (48)	610 (24)	1524 (60)	254 (10)	1:2.34	1295 (51)	476 (18 3/4)	156 (6 1/8)	76 (3)	381 (15)
900 (36)	102 (4)	1111 (43 3/4)	676 (26 5/8)	2438 (96)	1524 (60)	914 (36)	1828 (72)	270 (10 5/8)	1:2.4	1575 (62)	572 (22 1/2)	165 (6 1/2)	152 (6)	508 (20)
1050 (42)	114 (4 1/2)	1308 (51 1/4)	795 (31 1/8)	2438 (96)	1524 (60)	914 (36)	1981 (78)	402 (15 3/8)	1:2.35	1854 (73)	667 (26 1/4)	197 (7 3/4)	152 (6)	559 (22)
1200 (48)	127 (5)	1485 (58 1/2)	914 (36)	2438 (96)	1524 (60)	914 (36)	2134 (84)	533 (21)	1:2.31	2134 (84)	762 (30)	225 (8 7/8)	152 (6)	559 (22)
1350 (54)	140 (5 1/2)	1651 (65)	1016 (40)	2438 (96)	1524 (60)	914 (36)	2286 (90)	648 (25 1/2)	1:2.26	2350 (92 1/2)	848 (33 3/8)	254 (10)	152 (6)	610 (24)
1500 (60)	152 (6)	1854 (73)	1143 (45)	2438 (96)	1905 (75)	533 (21)	2438 (96)	660 (26)	1:2.34	2667 (105)	953 (37 1/2)	281 (11 1/8)	152 (6)	533 (21)
1800 (72)	178 (7)	2235 (88)	1371 (54)	2540 (100)	1981 (78)	559 (22)	3048 (120)	889 (35)	1:2.29	3200 (126)	1143 (45)	338 (13 3/8)	152 (6)	610 (24)

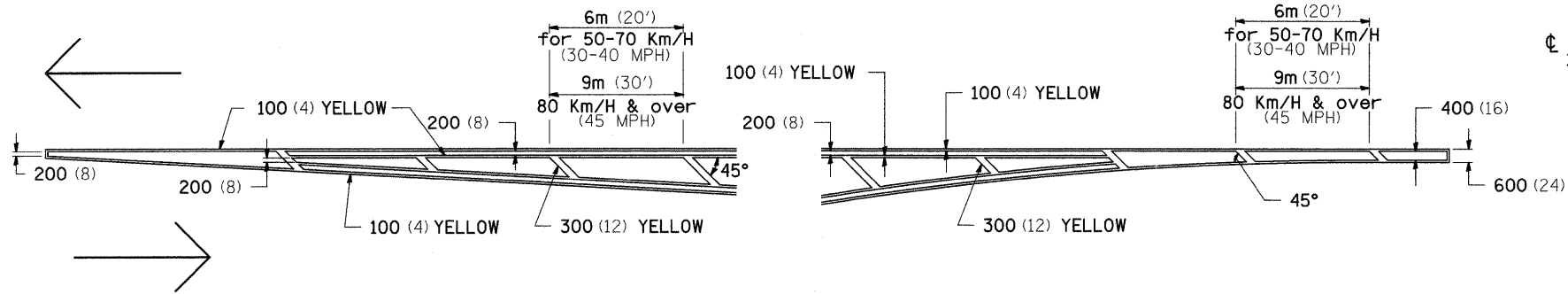


NOTES:
 PRECAST CONCRETE FLARED END SECTIONS SHALL CONFORM TO THE APPLICABLE REQUIREMENT OF AASHTO M-206.
 PRECAST CONCRETE FLARED END SECTION FOR PIPE ARCH DIAMETER REQUIRED SHALL BE AS INDICATED ON DETAIL PLAN FOR EACH INDIVIDUAL INSTALLATION.
 THE END BLOCK SHALL BE PLACED PRIOR TO THE INSTALLATION OF THE FLARED END SECTION. THE END BLOCK SHALL BE BACKFILLED IN ACCORDANCE WITH ART. 502.10 (502.11) OF THE STANDARD SPECIFICATIONS, COST INCLUDED TO END SECTION.
 ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

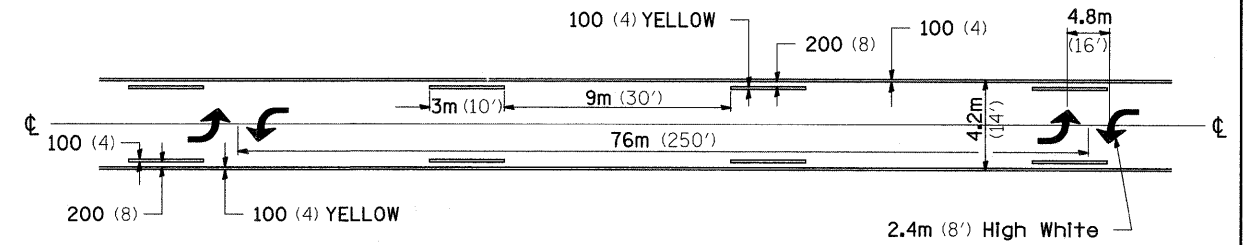
REVISED - 1-09-08	REGION 2 / DISTRICT 2 STANDARD	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -		1177	109T	LEE	15	12
REVISED -		CONTRACT NO. 64C73				
REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

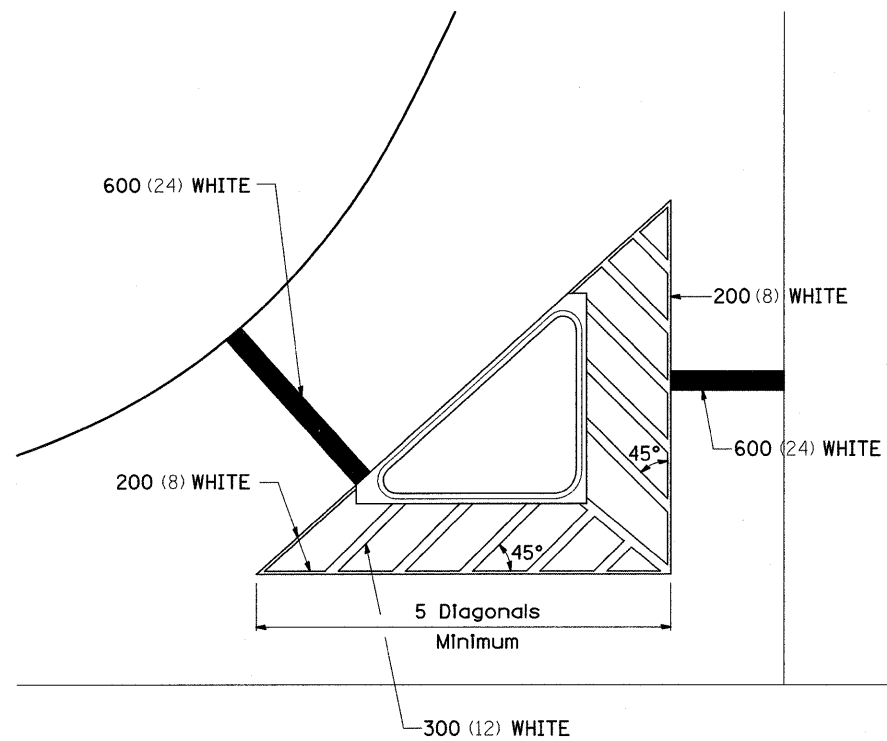


MEDIAN PAVEMENT MARKING

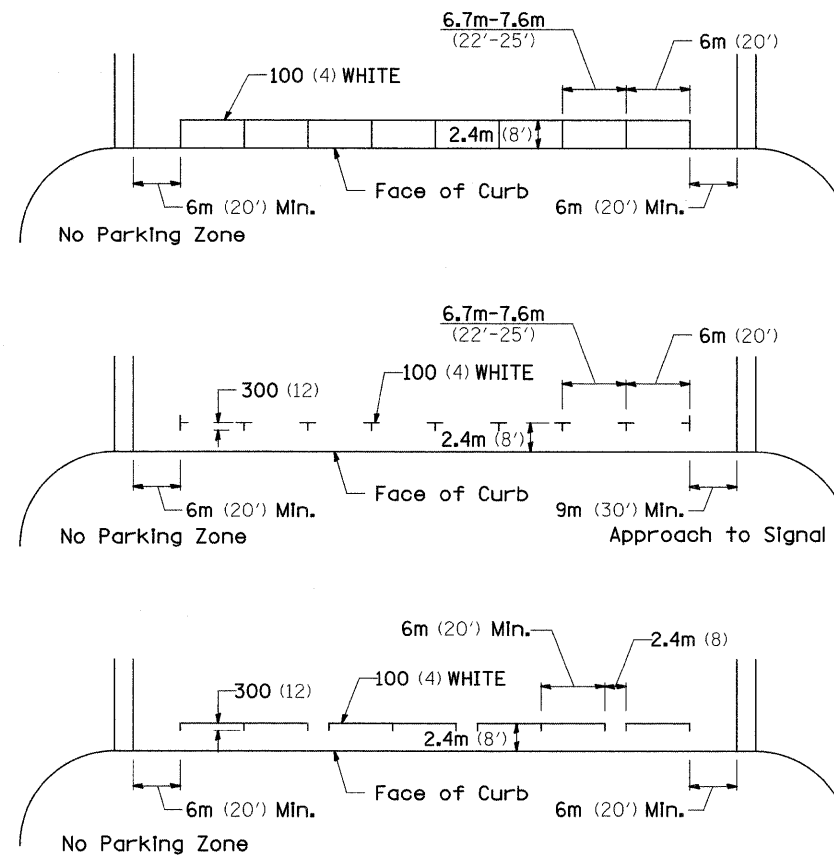


•• ALL DIMENSIONS ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH

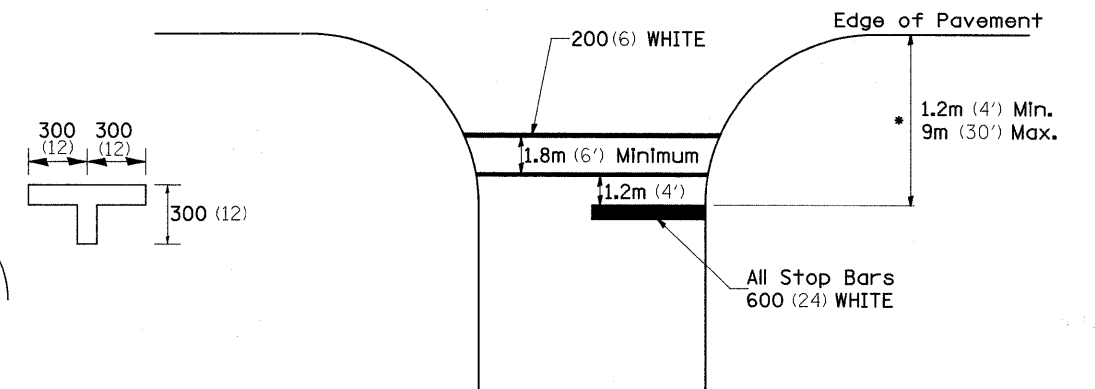


TYPICAL PARKING SPACING



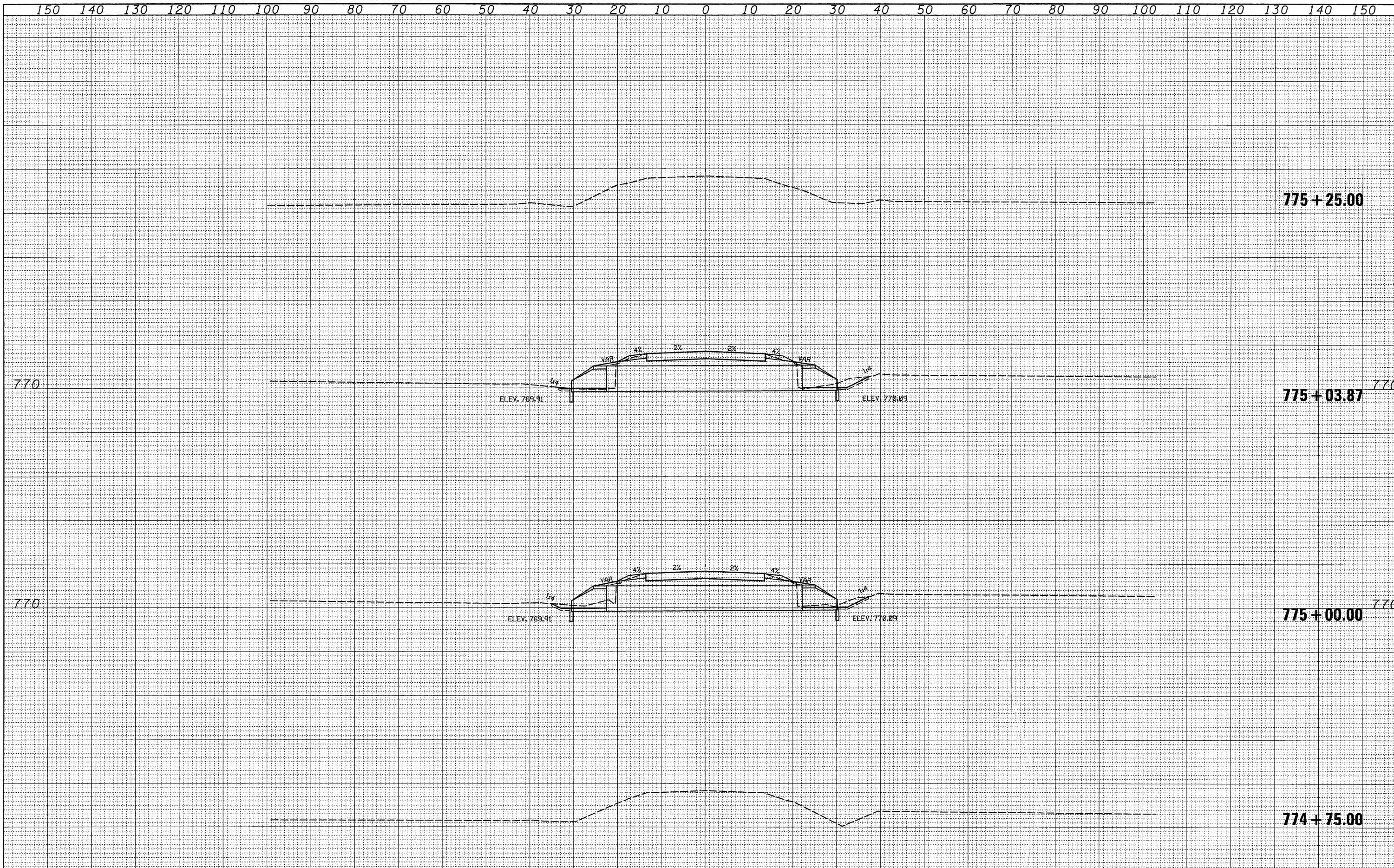
STANDARD CROSSWALK MARKING

See Schedules for Locations



• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 1-11-08	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
D:\Projects\Lee\64C73_IL251_McGurr-Lopez\Final\00207.sp1.dgn		DRAWN -	REVISED -			1177	109T	LEE	15	13	
PLOT SCALE = 50.0000' / IN.		CHECKED -	REVISED -			CONTRACT NO. 64C73					
PLOT DATE = Fri Oct 10 08:06:51 2008		DATE -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT					



BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

BY	DATE
SURVEYED	
PLOTTED	
NOTE BOOK	
AREAS CHECKED	
NO.	

FILE NAME = D:\Projects\Lee\64C73_IL251_Mcgrin\Lopez\Final\00207.xml.dgn
 USER NAME = grantpm
 PLDT SCALE = 10.0000' / IN.
 PLDT DATE = Fri Oct 10 08:04:49 2008

DESIGNED -
 DRAWN -
 CHECKED -
 DATE -

REVISED -
 REVISED -
 REVISED -
 REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS-SECTIONS

SCALE: SHEET NO. OF SHEETS STA. 774+75.00 TO STA. 775+25.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1177	109 T	LEE	15	15
FED. ROAD DIST. NO.			ILLINOIS FED. AID PROJECT	
CONTRACT NO. 64C73				