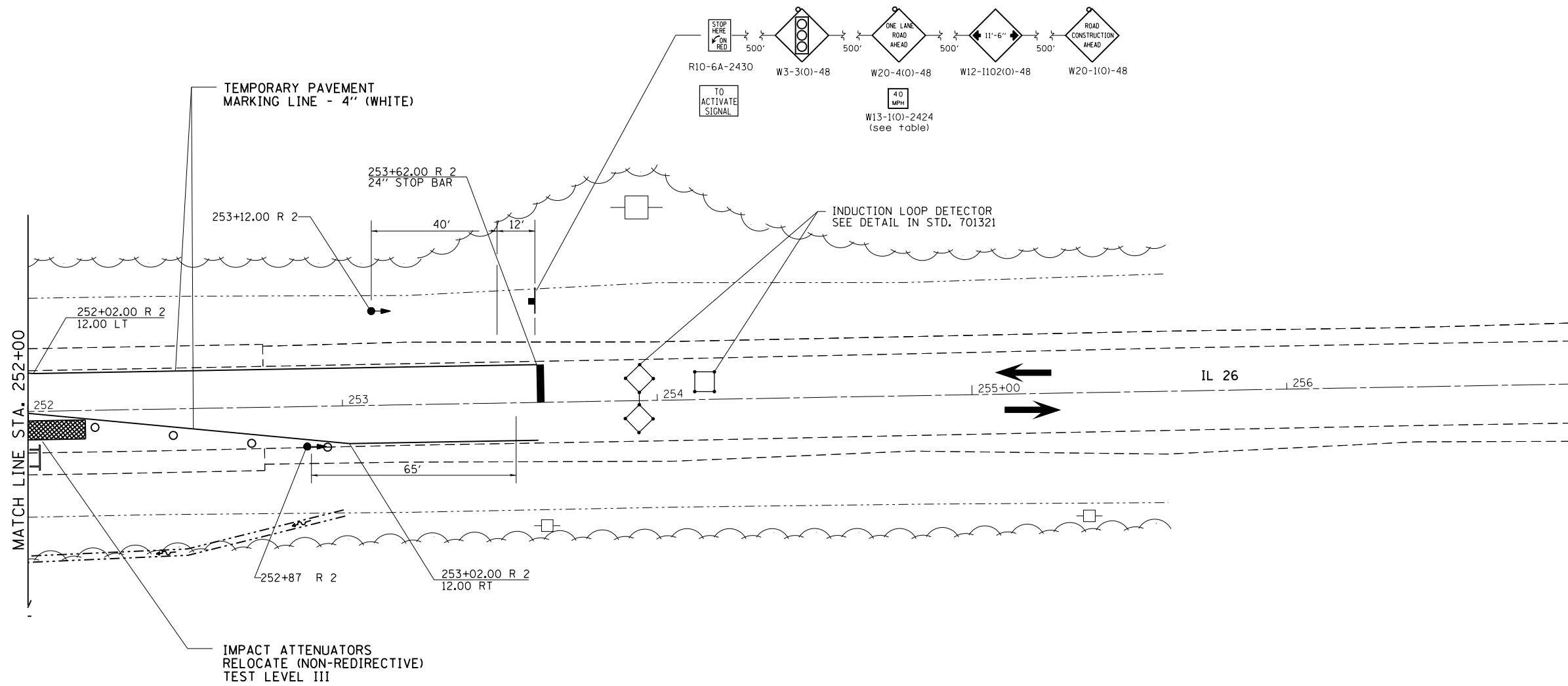
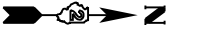


# STAGE 2

STA. 252+00 - 258+00



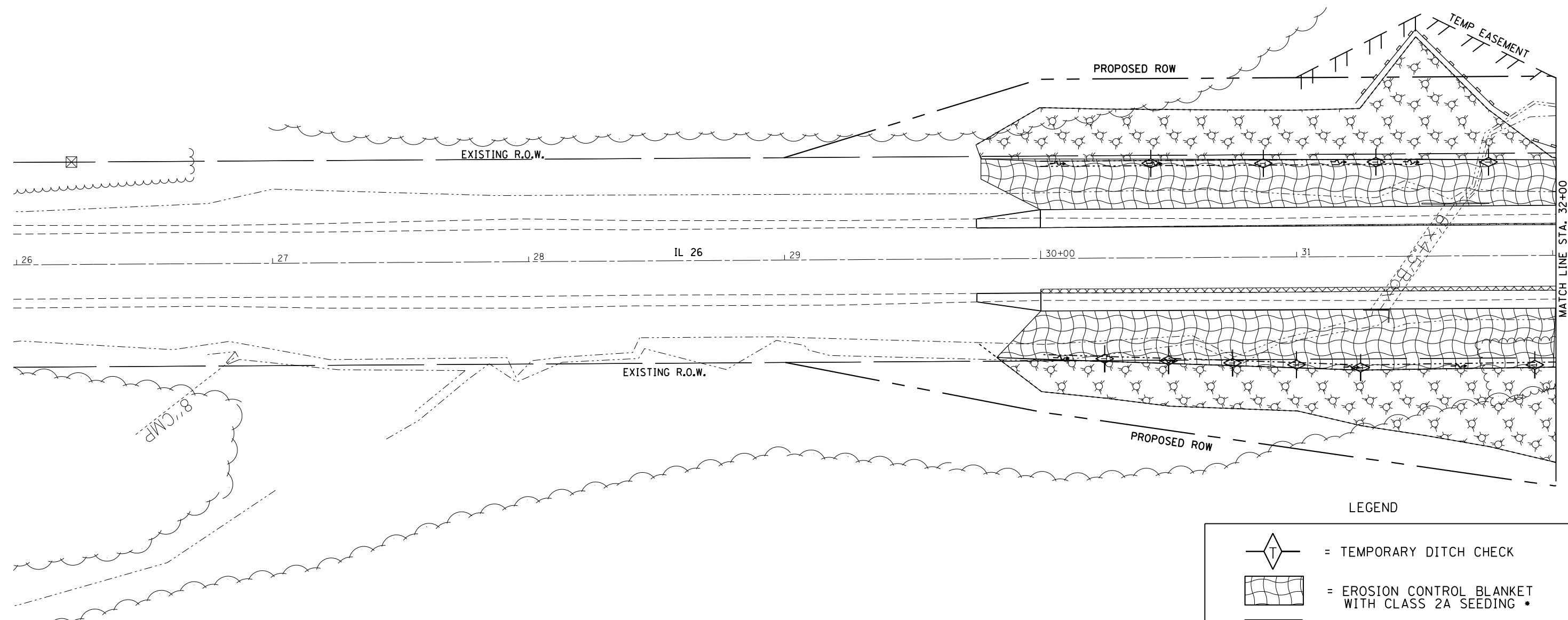
### STAGE 2 NOTES

1. USE STANDARD 701321. - SEE STD FOR ADDITIONAL INFORMATION NOT SHOWN
2. CONSTRUCT SN 052-1124 RT TO STAGE CONSTRUCTION LINE.
3. BARRIER WALL OFFSETS ARE TO THE TRAFFIC SIDE OF THE WALL.

### LEGEND

	= INDUCTION LOOP DETECTOR
	= TYPE III BARRICADE WITH FLASHING LIGHTS
	= SIGN
	= BARRICADE, OR DRUM WITH STEADY BURNING LIGHTS
	= SIGN WITH FLASHING LIGHT
	= TRAFFIC SIGNAL

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 26 STAGING PLANS SN 052-1124 STAGE 2</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2016\052-1124\052-1124-RT\052-1124-RT-0101.dwg	PROJECT NO. = 052-1124	DRAWN BY =	REVISED BY =			316	(102,114)T-3	LEE	231	101
PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -	REVISED -			<b>CONTRACT NO. 64D86</b>				
Default	PLOT DATE = Apr-20-2016 11:28:19 AM	DATE -	REVISED -			SCALE:	SHEET	OF	SHEETS	STA.



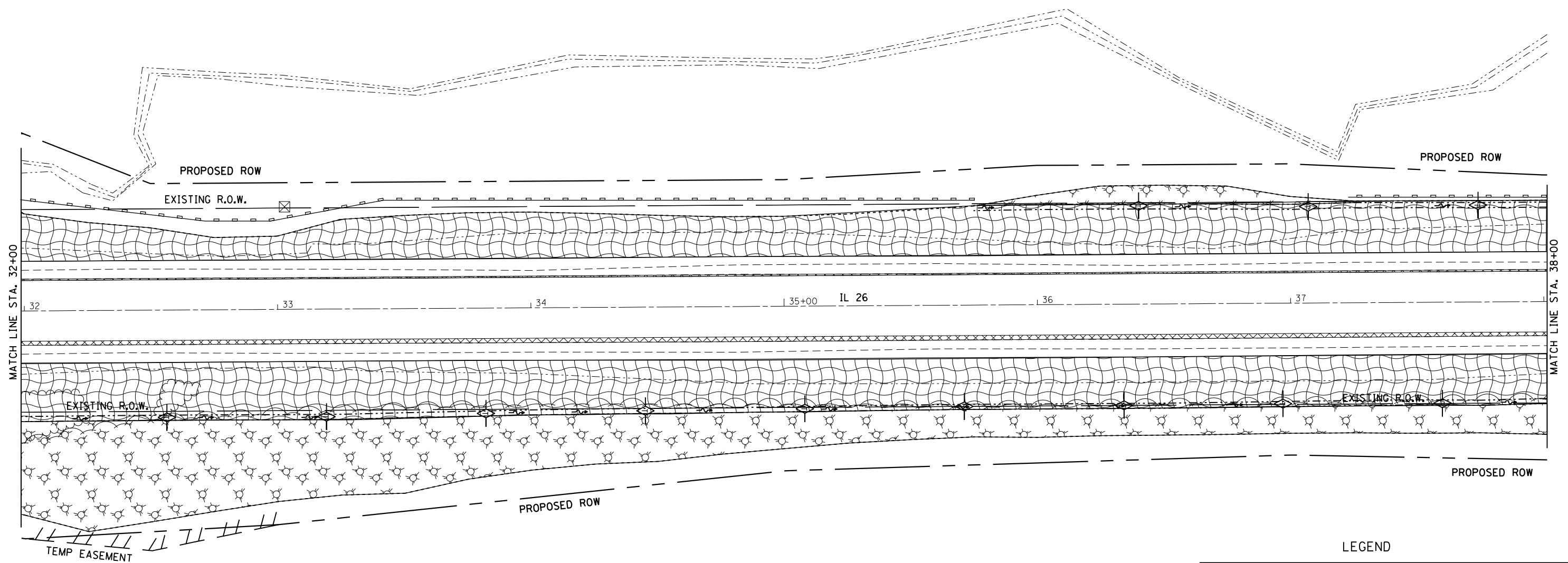
LEGEND

	= TEMPORARY DITCH CHECK
	= EROSION CONTROL BLANKET WITH CLASS 2A SEEDING *
	= MULCH METHOD 3 WITH CLASS 4 SEEDING
	= PERIMETER EROSION BARRIER
	= INLET AND PIPE PROTECTION
	= STONE RIPRAP, CLASS A4
	= TURF REINFORCEMENT MAT

\* NOTE

1. ALL EROSION CONTROL BLANKET IS TO BE PLACED ON FORESLOPES, BOTTOMS AND 1' UP ON BACKSLOPE

FILE NAME =	USER NAME = grontpm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION CONTROL SHEETS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\ill084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\2010\DRAN\GAD\GADsheets\201108-sht-eros.dgn		CHECKED -	REVISED -		316	(102,114)T-3	LEE	231	102				
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.				CONTRACT NO. 64086				
	PLOT DATE = Apr-20-2016 11:02:32 AM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



LEGEND

	= TEMPORARY DITCH CHECK
	= EROSION CONTROL BLANKET WITH CLASS 2A SEEDING *
	= MULCH METHOD 3 WITH CLASS 4 SEEDING
	= PERIMETER EROSION BARRIER
	= INLET AND PIPE PROTECTION
	= STONE RIPRAP, CLASS A4
	= TURF REINFORCEMENT MAT

\* NOTE

1. ALL EROSION CONTROL BLANKET IS TO BE PLACED ON FORESLOPES, BOTTOMS AND 1' UP ON BACKSLOPE

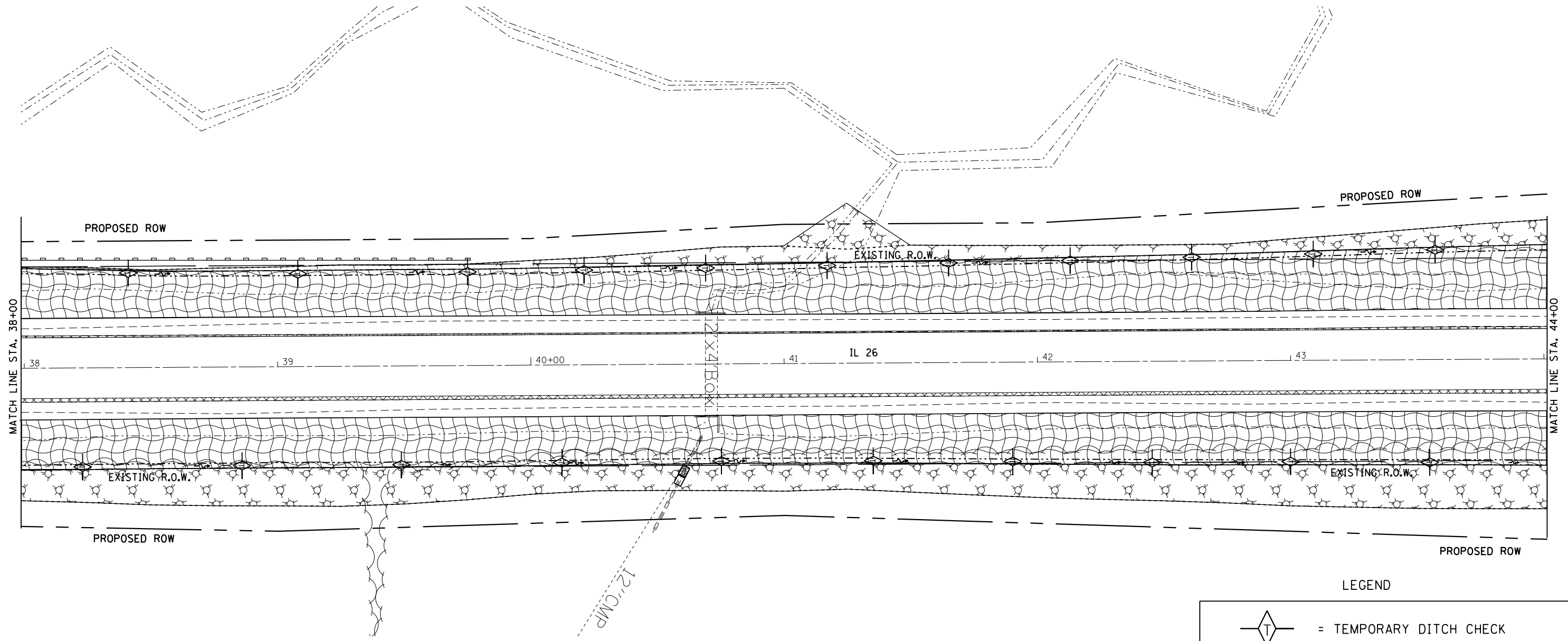
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL SHEETS

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	103
CONTRACT NO. 64D86			ILLINOIS FED. AID PROJECT	



LEGEND

	= TEMPORARY DITCH CHECK
	= EROSION CONTROL BLANKET WITH CLASS 2A SEEDING *
	= MULCH METHOD 3 WITH CLASS 4 SEEDING
	= PERIMETER EROSION BARRIER
	= INLET AND PIPE PROTECTION
	= STONE RIPRAP, CLASS A4
	= TURF REINFORCEMENT MAT

\* NOTE

1. ALL EROSION CONTROL BLANKET IS TO BE PLACED ON FORESLOPES, BOTTOMS AND 1' UP ON BACKSLOPE

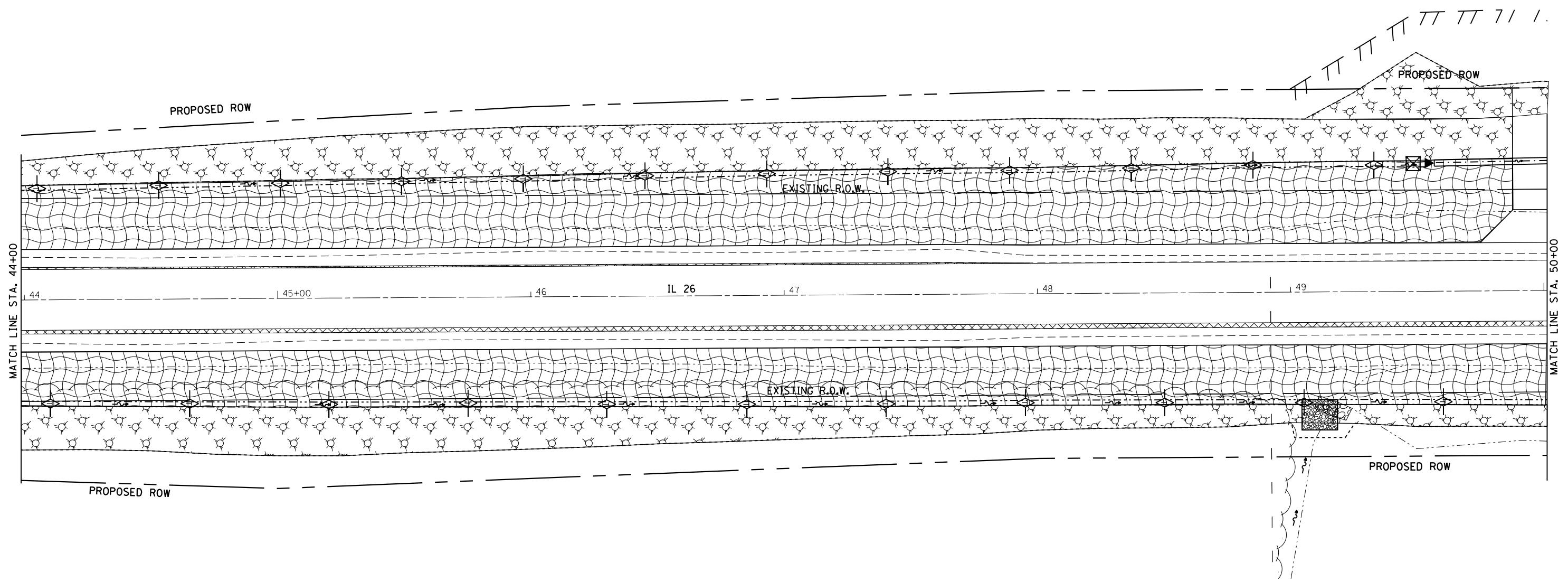
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	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
Default	PLOT DATE = Apr-20-2016 11:02:33 AM	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL SHEETS

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	104
CONTRACT NO. 64D86			ILLINOIS FED. AID PROJECT	



LEGEND

	= TEMPORARY DITCH CHECK
	= EROSION CONTROL BLANKET WITH CLASS 2A SEEDING *
	= MULCH METHOD 3 WITH CLASS 4 SEEDING
	= PERIMETER EROSION BARRIER
	= INLET AND PIPE PROTECTION
	= STONE RIPRAP, CLASS A4
	= TURF REINFORCEMENT MAT

\* NOTE

1. ALL EROSION CONTROL BLANKET IS TO BE PLACED ON FORESLOPES, BOTTOMS AND 1' UP ON BACKSLOPE

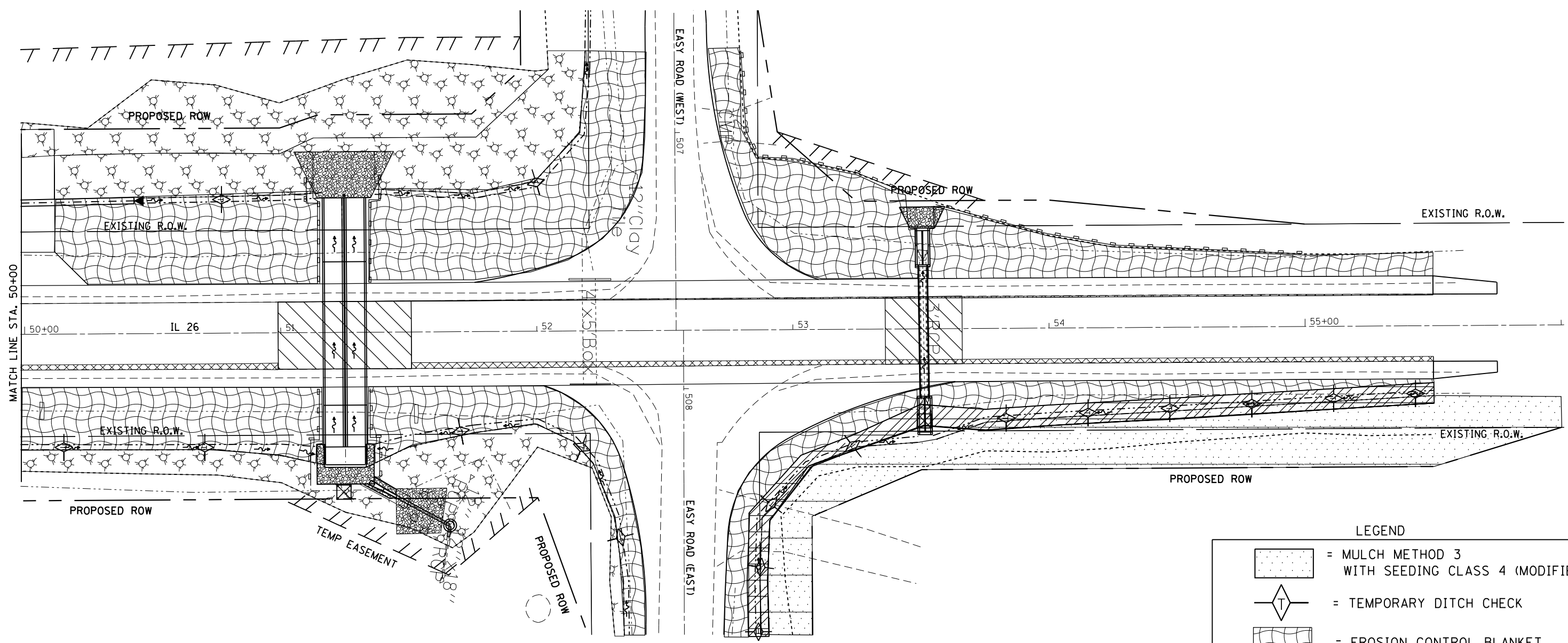
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	105
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64D86	



**\* NOTE**

1. ALL EROSION CONTROL BLANKET IS TO BE PLACED ON FORESLOPES, BOTTOMS AND 1' UP ON BACKSLOPE

LEGEND	
	= MULCH METHOD 3 WITH SEEDING CLASS 4 (MODIFIED)
	= TEMPORARY DITCH CHECK
	= EROSION CONTROL BLANKET WITH CLASS 2A SEEDING *
	= MULCH METHOD 3 WITH CLASS 4 SEEDING
	= PERIMETER EROSION BARRIER
	= INLET AND PIPE PROTECTION
	= STONE RIPRAP, CLASS A4
	= TURF REINFORCEMENT MAT

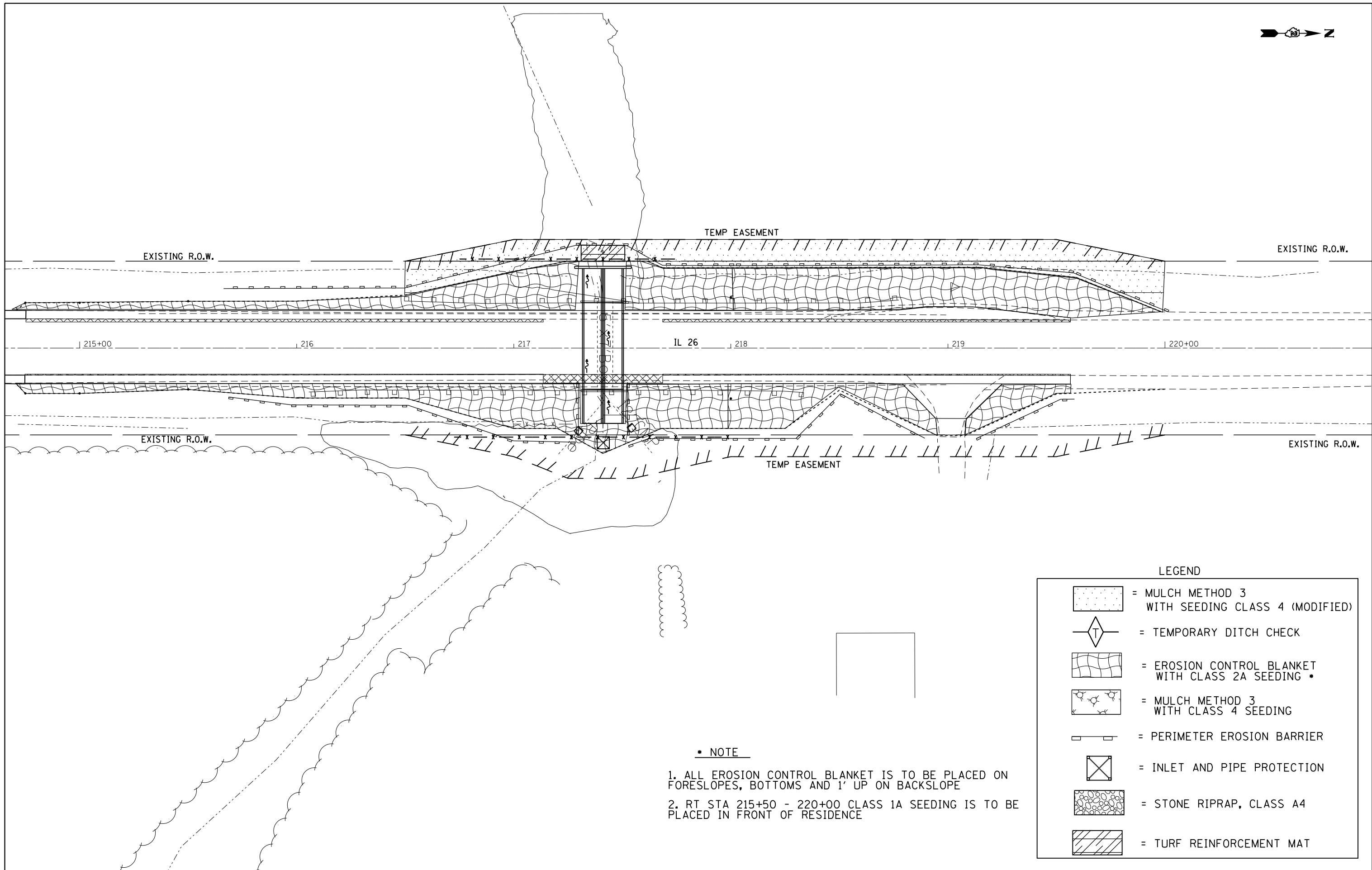
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL SHEETS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	106
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64086	



**\* NOTE**

1. ALL EROSION CONTROL BLANKET IS TO BE PLACED ON FORESLOPES, BOTTOMS AND 1' UP ON BACKSLOPE
2. RT STA 215+50 - 220+00 CLASS 1A SEEDING IS TO BE PLACED IN FRONT OF RESIDENCE

**LEGEND**

	= MULCH METHOD 3 WITH SEEDING CLASS 4 (MODIFIED)
	= TEMPORARY DITCH CHECK
	= EROSION CONTROL BLANKET WITH CLASS 2A SEEDING *
	= MULCH METHOD 3 WITH CLASS 4 SEEDING
	= PERIMETER EROSION BARRIER
	= INLET AND PIPE PROTECTION
	= STONE RIPRAP, CLASS A4
	= TURF REINFORCEMENT MAT

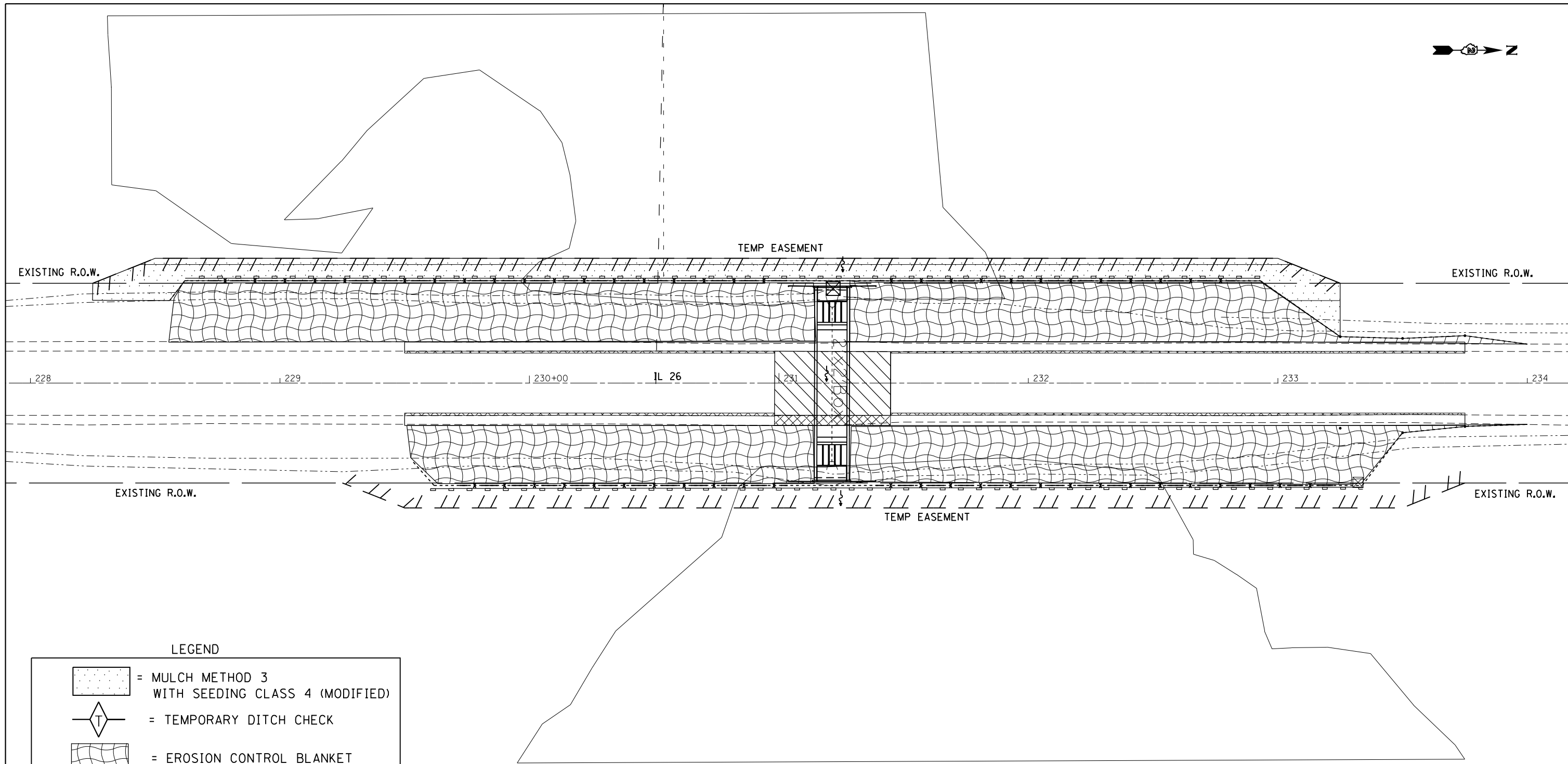
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

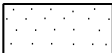
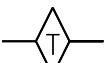
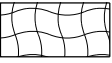
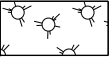
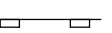

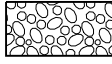
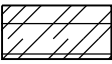
**EROSION CONTROL SHEETS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	107
				CONTRACT NO. 64D86
ILLINOIS FED. AID PROJECT				



**LEGEND**

-  = MULCH METHOD 3 WITH SEEDING CLASS 4 (MODIFIED)
-  = TEMPORARY DITCH CHECK
-  = EROSION CONTROL BLANKET WITH CLASS 2A SEEDING \*
-  = MULCH METHOD 3 WITH CLASS 4 SEEDING
-  = PERIMETER EROSION BARRIER
-  = INLET AND PIPE PROTECTION
-  = STONE RIPRAP, CLASS A4
-  = TURF REINFORCEMENT MAT

**\* NOTE**

1. ALL EROSION CONTROL BLANKET IS TO BE PLACED ON FORESLOPES, BOTTOMS AND 1' UP ON BACKSLOPE
2. LT STA 228+70 - 232+75 AND RT STA 229+70 - 233+25 EROSION CONTROL BLANKET WITH CLASS 2A SEEDING IS TO BE PLACED IN LOCATIONS OF TURTLE FENCE

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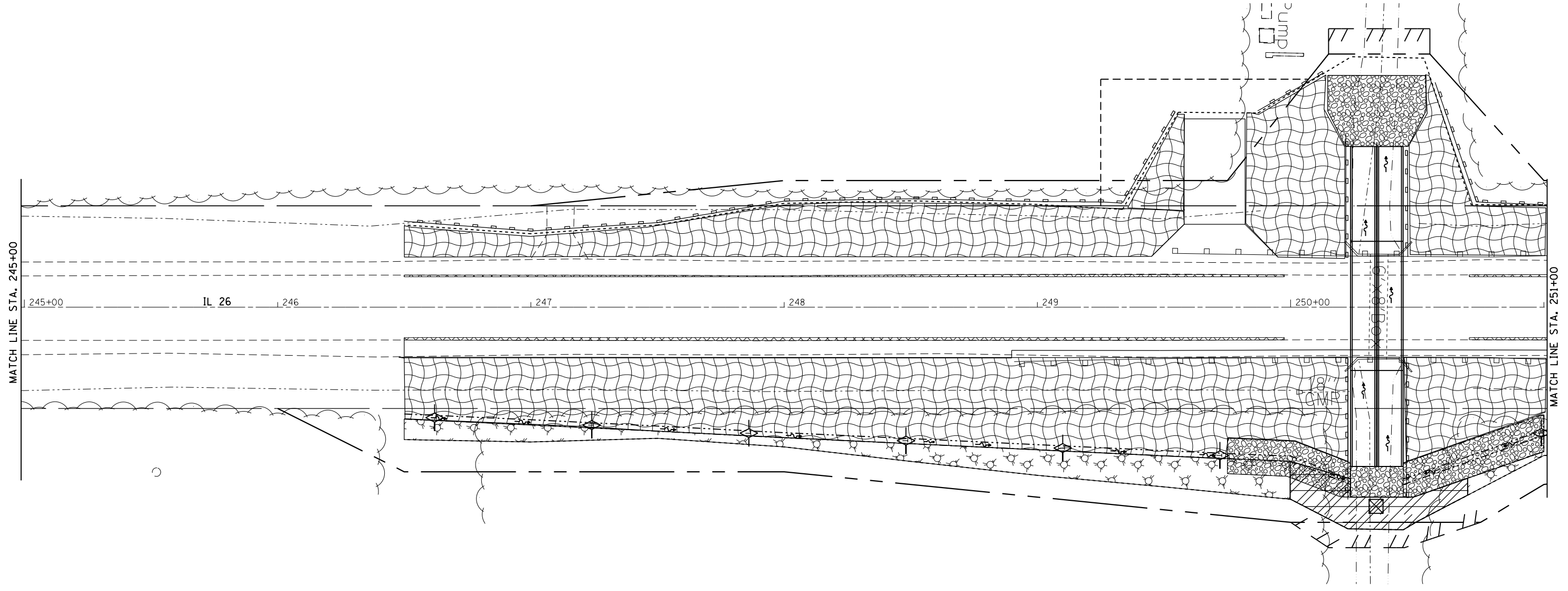
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**EROSION CONTROL SHEETS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	108
			CONTRACT NO. 64D86	
ILLINOIS FED. AID PROJECT				





LEGEND

	= TEMPORARY DITCH CHECK
	= EROSION CONTROL BLANKET WITH CLASS 2A SEEDING *
	= MULCH METHOD 3 WITH CLASS 4 SEEDING
	= PERIMETER EROSION BARRIER
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	= STONE RIPRAP, CLASS A4
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1. ALL EROSION CONTROL BLANKET IS TO BE PLACED ON FORESLOPES, BOTTOMS AND 1' UP ON BACKSLOPE
2. RT STA 215+50 - 220+00 CLASS 1A SEEDING IS TO BE PLACED IN FRONT OF RESIDENCE

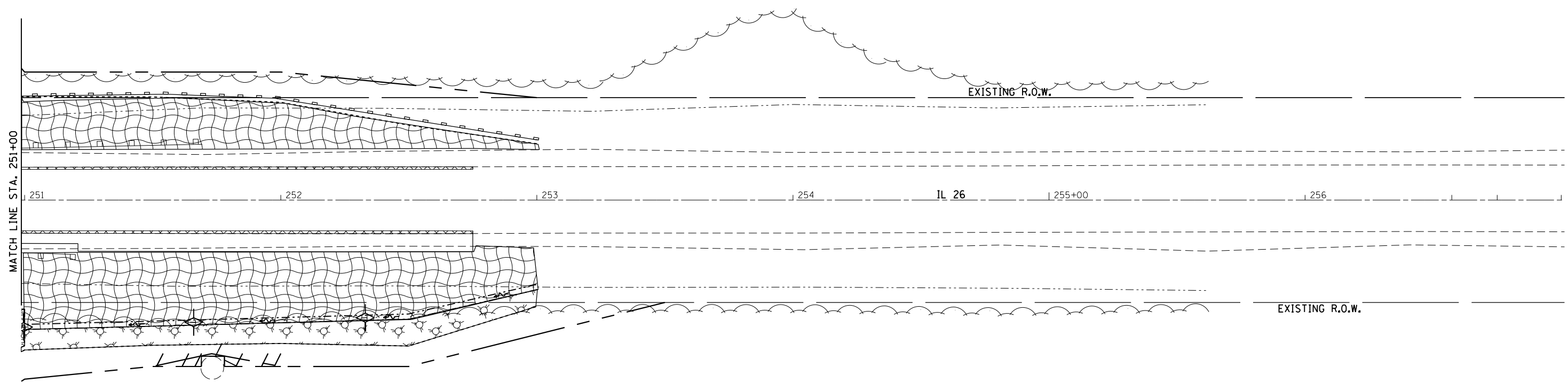
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	109
				CONTRACT NO. 64D86
ILLINOIS FED. AID PROJECT				



LEGEND

	= TEMPORARY DITCH CHECK
	= EROSION CONTROL BLANKET WITH CLASS 2A SEEDING *
	= MULCH METHOD 3 WITH CLASS 4 SEEDING
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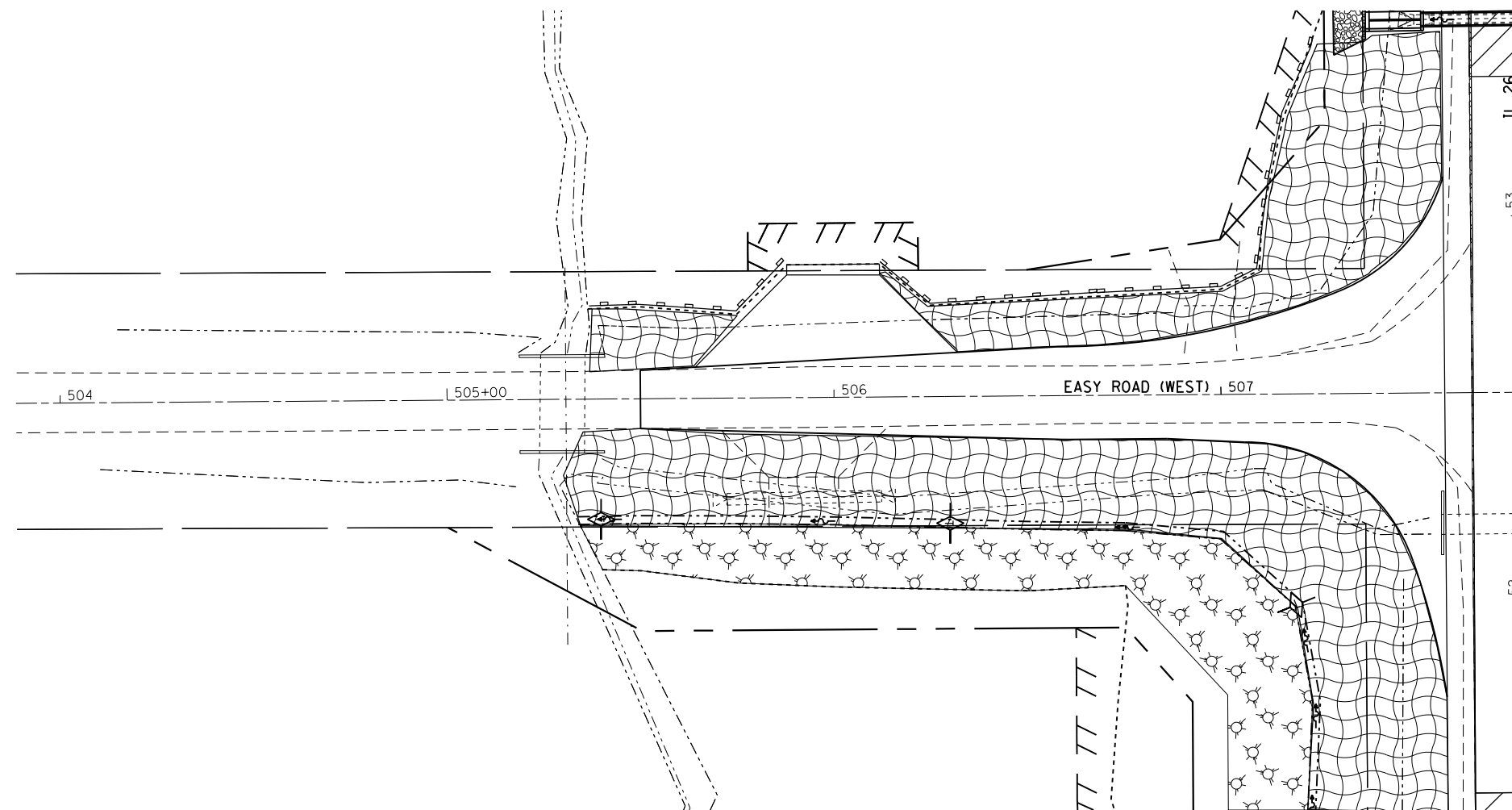
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL SHEETS

SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	110
ILLINOIS FED. AID PROJECT				CONTRACT NO. 64086



LEGEND

	= TEMPORARY DITCH CHECK
	= EROSION CONTROL BLANKET WITH CLASS 2A SEEDING *
	= MULCH METHOD 3 WITH CLASS 4 SEEDING
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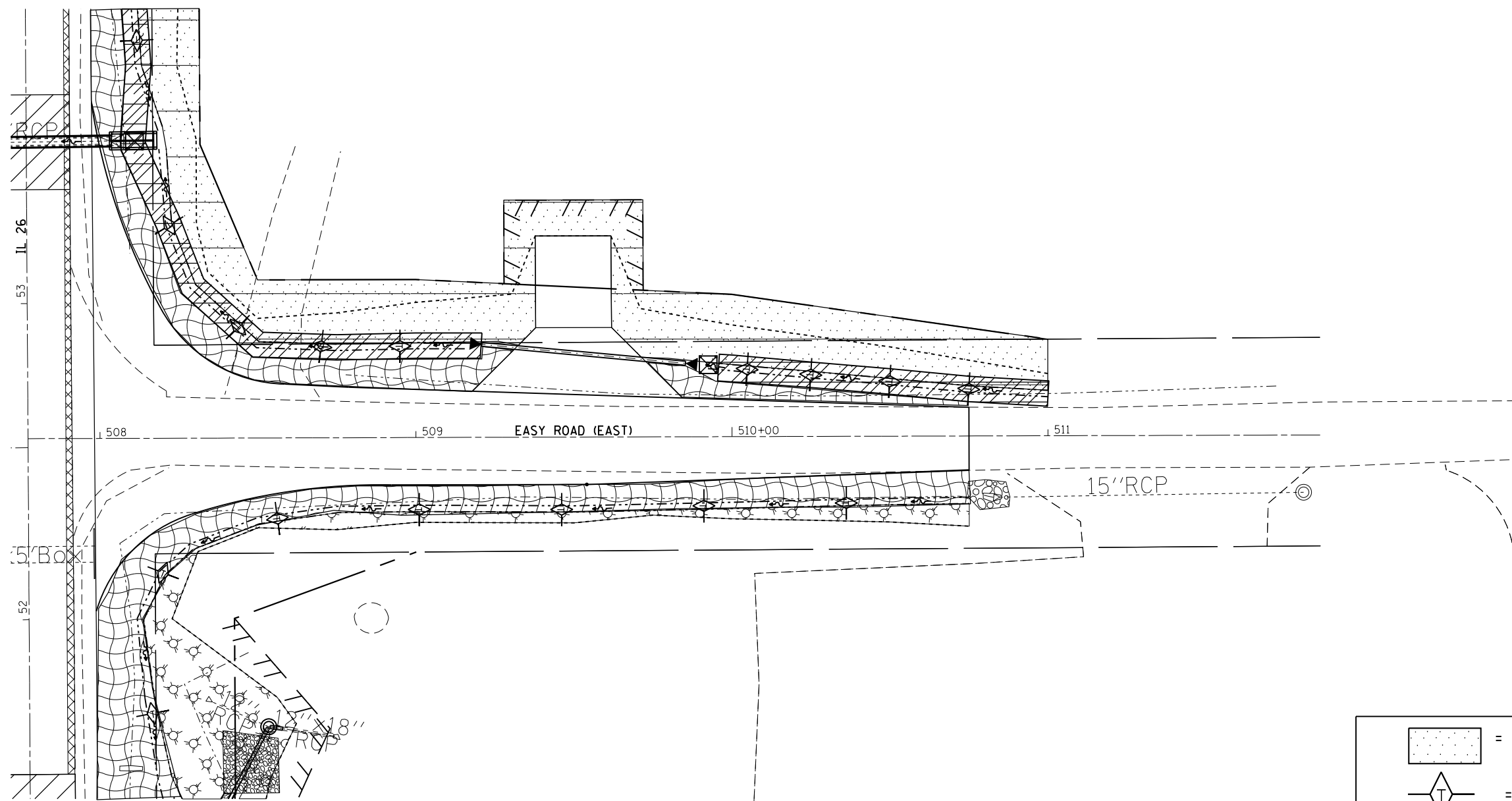
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL SHEETS

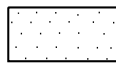

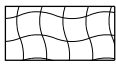

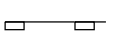

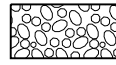
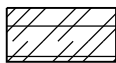
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	111
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64086	



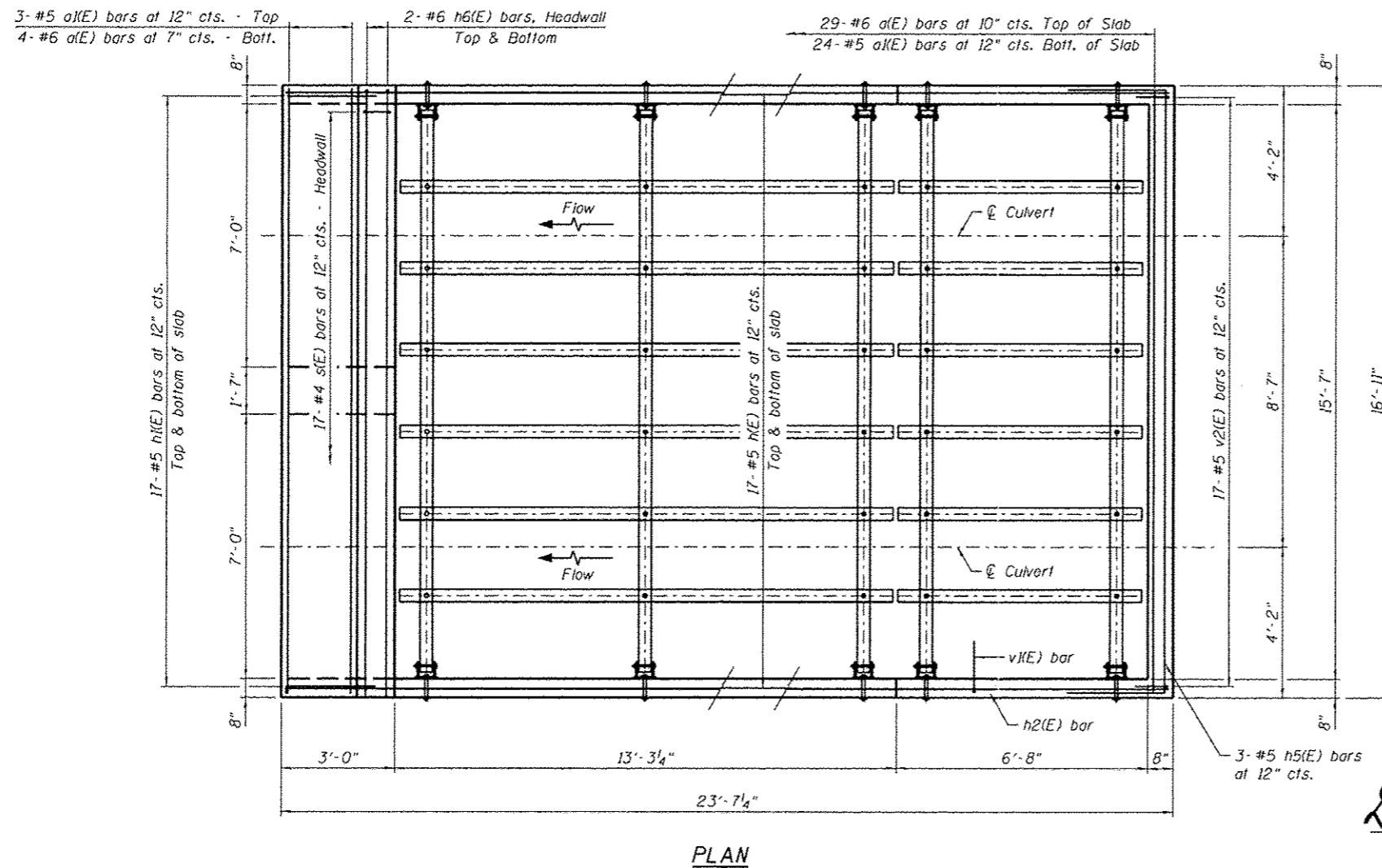
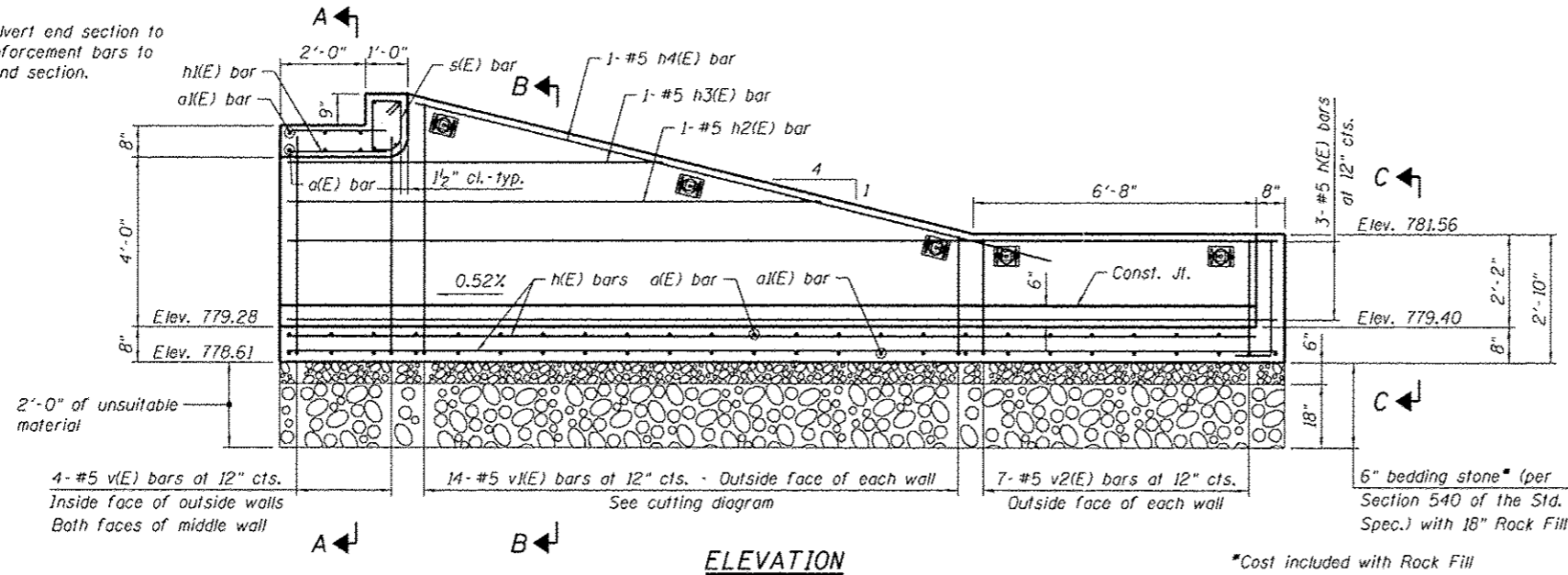
**\* NOTE**  
 1. ALL EROSION CONTROL BLANKET IS TO BE PLACED ON FORESLOPES, BOTTOMS AND 1' UP ON BACKSLOPE

**LEGEND**

	= MULCH METHOD 3 WITH SEEDING CLASS 4 (MODIFIED)
	= TEMPORARY DITCH CHECK
	= EROSION CONTROL BLANKET WITH CLASS 2A SEEDING *
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	= STONE RIPRAP, CLASS A4
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FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EROSION CONTROL SHEETS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\ill084EBIDINTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2010\DRAWING\GAD\sheets\201108-sht-eros.dgn		DRAWN	REVISED -		316	(102,114)T-3	LEE	231	112				
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.				CONTRACT NO. 64086				
	PLOT DATE = Apr-20-2016 11:02:38 AM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

Note: Precast culvert end section to have exposed reinforcement bars to be tied into the end section.



**STRUCTURE INFORMATION**

Structure Nos. 052-1019, 1020, and 1021 were built in 1928 at Sta. 51+25. The existing culverts will be replaced by Structure No. 052-1123 consisting of two 7'x4' Precast Concrete Box Culverts with a drop box located at Sta. 51+25. 28.4' Rt.

**DESIGN SPECIFICATIONS**

2014 AASHTO LRFD Bridge Design Specifications w/2015 Interim Revisions

**LOADING HL-93**

**DESIGN STRESSES**

**FIELD UNITS**

f'c = 3,500 psi  
fy = 60,000 psi (Reinforcement)

**GENERAL NOTES**

- Plan dimensions and details have been taken from existing plans or survey/field checks. As such, these dimensions and details are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for a change in scope of the work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- The contract unit price "Each" for Drop Box No. 1 shall include the Concrete Structures, Reinforcement Bars, Epoxy Coated, structure or earth excavation, where required, backfilling and the necessary grading to fill the structure to the lines and grades as shown on the plans.
- All exposed concrete edges shall be chamfered 3/4" unless noted otherwise.
- All construction joints shall be bonded.
- This work shall conform to the requirements of the applicable portions of Sections 501, 503, 505, 508 and 584 of the Standard Specifications.
- A precast option is not allowed at this location.
- Drainage holes shall conform to the requirements of Article 503.11 of the Standard Specifications.
- Nonwoven geotextile fabric shall conform to the requirements of Art. 1080.01 of the Standard Specifications. The minimum weight of the fabric shall be 6 ounces per square yard.

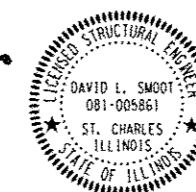
**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Drop Box No. 1	Each	1
Traversable Pipe Grate	Foot	198
Removal and Disposal of Unsuitable Material for Structures	Cu. Yd.	43
Rock Fill	Ton	58

**INDEX OF SHEETS**

- Plan and Elevation
- Details
- Traversable Steel Pipe System

*David L. Smoot*  
Signature  
Date: April 20, 2016  
License Expires 11/30/2016



**PLAN AND ELEVATION  
DROP BOX NO. 1  
STATION 51+25.00**

FILE NAME: P:\WBK Projects\2016\201611281228 P18 157\25\cadd\Structure\DropBox\16 IL 26 Drop Box\AD04.dwg 16 IL 26 Drop Box\AD04.dwg 16 IL 26 Drop Box\AD04.dwg 16 IL 26 Drop Box\AD04.dwg 16 IL 26 Drop Box\AD04.dwg

**WILLS BURKE KELSEY ASSOCIATES LTD.**  
116 West Main Street, Suite 201  
St. Charles, Illinois 60174

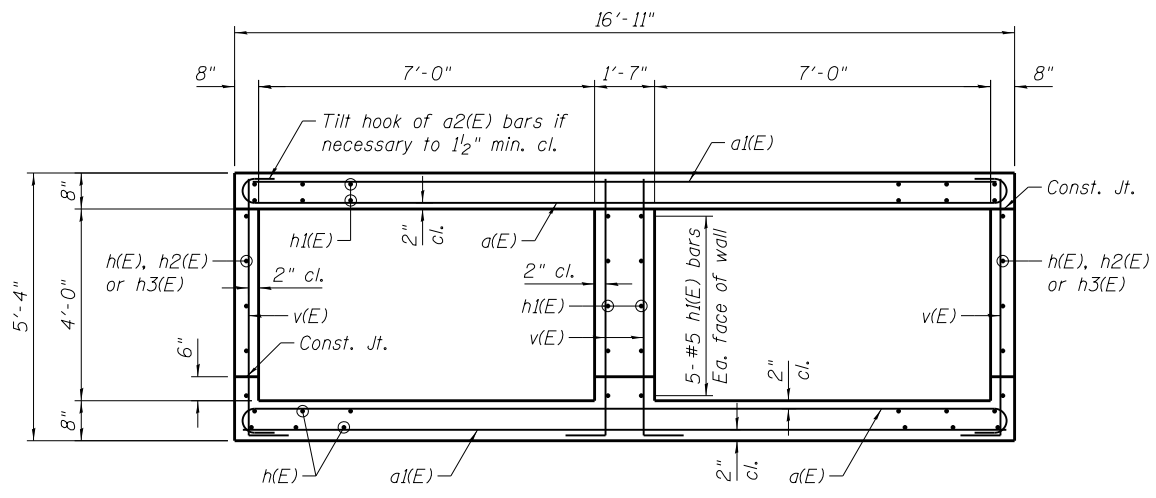
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

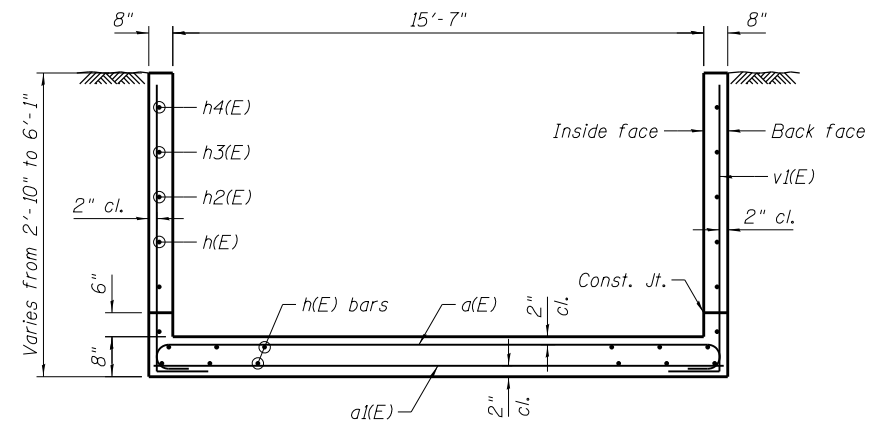
**PLAN AND ELEVATION  
DROP BOX NO. 1**

SHEET NO. 1 OF 3 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	102, 1141T-3	LEE	231	113
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64086	



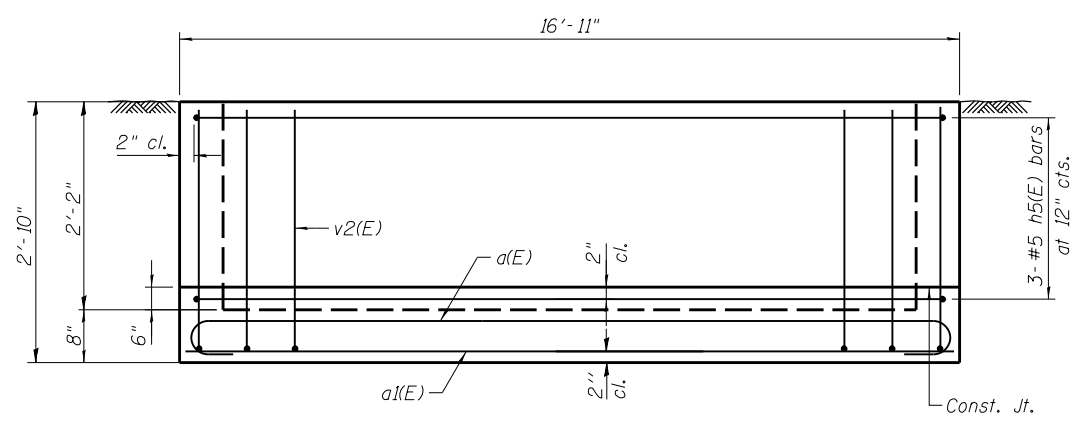
**SECTION A-A**



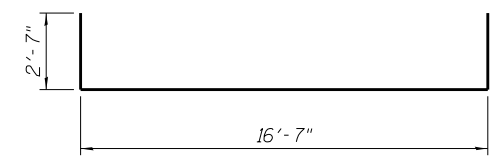
**SECTION B-B**

**BILL OF MATERIAL**  
(For Information Only)

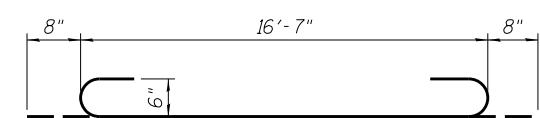
Bar	No.	Size	Length	Shape
a1(E)	33	#6	17'-11"	
a1(E)	27	#5	16'-7"	
h(E)	40	#5	23'-3"	
h1(E)	44	#5	2'-6"	
h2(E)	2	#5	12'-7"	
h3(E)	2	#5	8'-10"	
h4(E)	2	#5	15'-5"	
h5(E)	3	#5	21'-9"	
h6(E)	4	#6	16'-7"	
s(E)	17	#4	4'-5"	
v(E)	16	#5	5'-10"	
v1(E)	28	#5	9'-9"	
v2(E)	31	#5	3'-4"	
Description		Unit	Quantity	
Concrete Structures		Cu. Yd.	15.4	
Reinforcement Bars, Epoxy Coated		Pound	3,230	



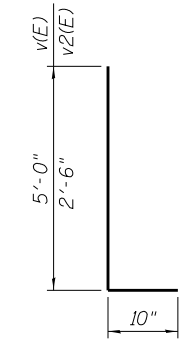
**VIEW C-C**



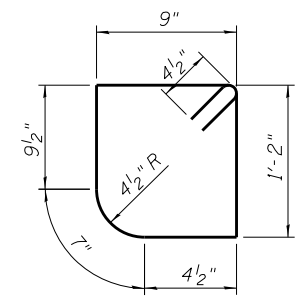
**BAR h5(E)**



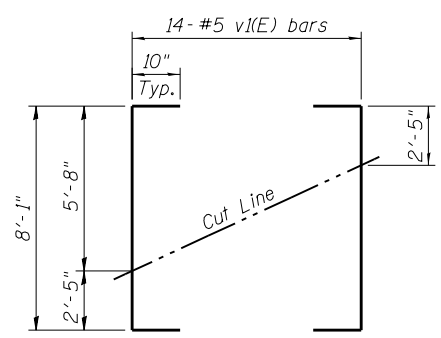
**BAR a1(E)**



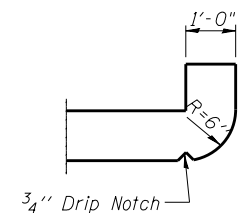
**BARS v(E) & v2(E)**



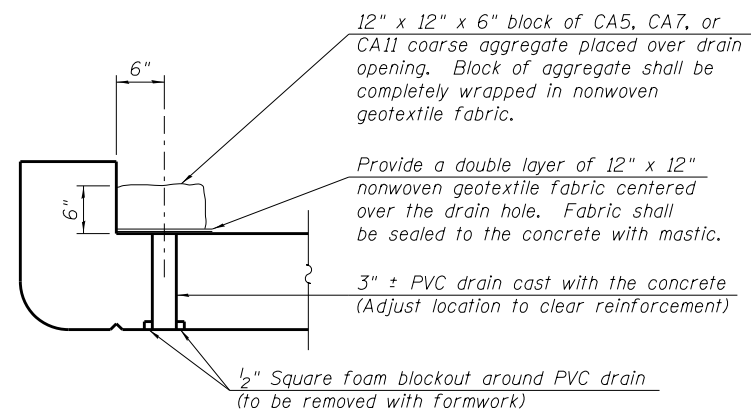
**BAR s(E)**



**BAR v1(E) FIELD CUTTING DIAGRAM**



**SECTION THRU HEADWALL**



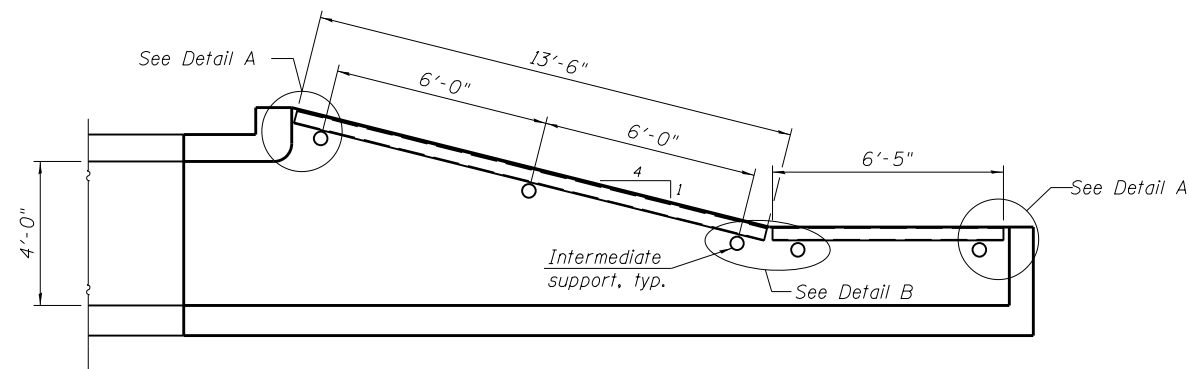
**DRAIN DETAIL**

(All costs associated with furnishing and constructing the above drain details will not be measured for payment but shall be included in the contract unit price for the end section.)

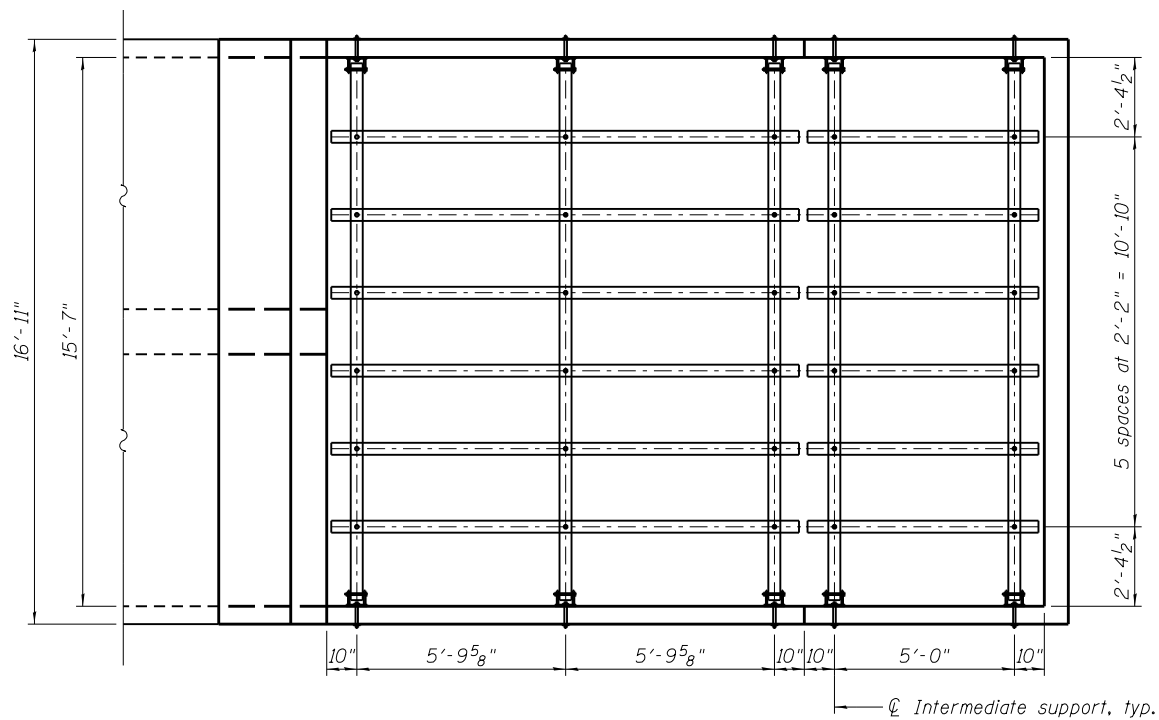
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PLOT SCALE =	CHECKED - DLS	REVISED -
PLOT DATE = 5/29/2015	DRAWN - MLH	REVISED -
	CHECKED - DLS	REVISED -

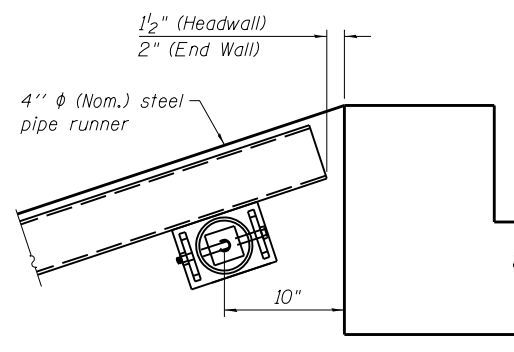
F.A.P. RTE. 316	SECTION (102, 114)T-3	COUNTY LEE	TOTAL SHEETS 231	SHEET NO. 114
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64D86	



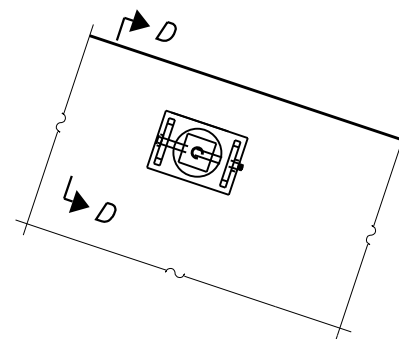
**LONGITUDINAL SECTION**



**PLAN**

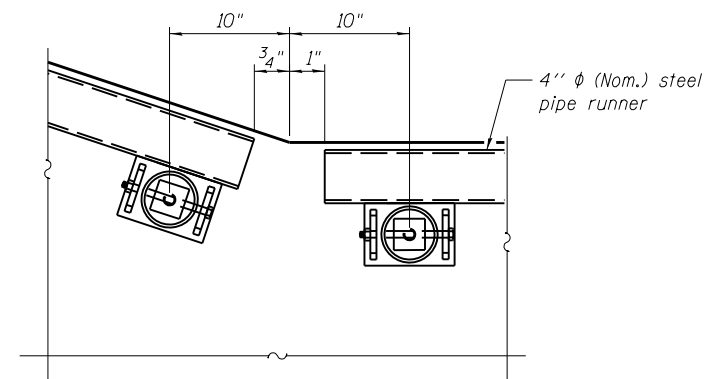


**DETAIL A**

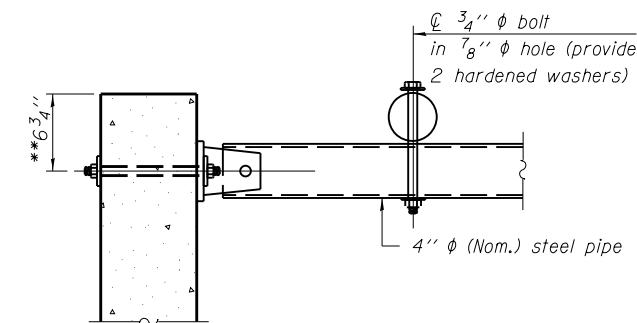


**VIEW C-C**

(See Detail A for dimensions and details not shown.)



**DETAIL B**



**SECTION D-D**

\*\* Measured perpendicular to top of culvert wall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the culvert end section.

**NOTES**

1. Length shall be determined by the Contractor. All steel pipe shall be standard weight (Sch. 40) unless otherwise noted.
2. Traversable Steel Pipe System details shown for Box Culvert End Sections. Traversable Steel Pipe System details for other culvert end sections similar.
3. All components of the Traversable Steel Pipe System shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable.
4. Fabrication of the Traversable Steel Pipe System shall conform to the requirements in Section 505 of the Standard Specifications unless noted otherwise.
5. Structural steel shapes and plates shall conform to the requirements of Article 1006.04 of the Standard Specifications. Steel pipes shall conform to the requirements of ASTM A 53 (Type E or S), Grade B.
6. Anchor rods shall conform to the requirements of ASTM F1554, Grade 105. Anchor rods shall be drilled and epoxy grouted according to the requirements of Section 584 of the Standard Specifications. The chemical adhesive system shall be capable of achieving a minimum proof load of 5000 pounds and an ultimate shear capacity of 8000 pounds per anchor.
7. Bolts and thru bolts shall conform to the requirements of Article 1006.08 of the Standard Specifications except threaded rods conforming to the requirements of ASTM F1554, Grade 105 may be used for the thru bolts.
8. The minimum edge distance from the center of a hole to the free edge of a structural shape or plate shall be 1 1/2" unless noted otherwise.
9. Bolts and anchor rods shall be snug tightened by a few impacts of an impact wrench or the full force of a worker using an ordinary spud wrench, unless noted otherwise.
10. All cost associated with fabricating, furnishing, and installing the Traversable Steel Pipe System will be paid for at the contract unit price per lineal foot for Traversable Pipe Grate.

FILE NAME = W:\Projects\2010\100120 PTB 157\25\cadd\Structural\Drawings\15 IL 26 Drop Box\052123-64D86-003-TravelPipeDraw.dgn

**WBK**  
**WILLS BURKE KELSEY ASSOCIATES LTD.**  
 116 West Main Street, Suite 201  
 St. Charles, Illinois 60174

USER NAME = dsmoot	DESIGNED - MLH	REVISED -
PLOT SCALE =	CHECKED - DLS	REVISED -
PLOT DATE = 5/29/2015	DRAWN - MLH	REVISED -
	CHECKED - DLS	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TRAVERSABLE STEEL PIPE SYSTEM  
 DROP BOX NO. 1**

SHEET NO. 3 OF 3 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102, 114)T-3	LEE	231	115
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64D86	

# BORING LOGS



Illinois Department of Transportation  
Division of Highways  
Illinois Department of Transportation

## SOIL BORING LOG

Page 1 of 1

Date 5/23/01

ROUTE FAP 615 DESCRIPTION P-92-056-93 IL 26 culvert, 2.0 miles north of Ohio LOGGED BY C. Jenkins

SECTION (102, 114) RS-4 LOCATION E. Grove Twp. - NE, SEC. 33, TWP. 19N, RNG. 9E

COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station 52 + 20  
BORING NO. B-1c  
Station 52 + 30  
Offset 10.50ft Rt CL  
Ground Surface Elev. 99.6 ft

DEPTH (ft)	BLOW COUNT (/6")	UNSATURATED Wt. (tsf)	MOISTURE CONTENT (%)	Soil Description	DEPTH (ft)	BLOW COUNT (/6")	UNSATURATED Wt. (tsf)	MOISTURE CONTENT (%)
------------	------------------	-----------------------	----------------------	------------------	------------	------------------	-----------------------	----------------------

DEPTH (ft)	BLOW COUNT (/6")	UNSATURATED Wt. (tsf)	MOISTURE CONTENT (%)	Soil Description	DEPTH (ft)	BLOW COUNT (/6")	UNSATURATED Wt. (tsf)	MOISTURE CONTENT (%)
78.10	9	P	17	STIFF mauve SILTY CLAY TILL	78.10	9	1.7	11
75.60	7	P	48	Same as above	75.60	7	1.5	14
73.10	9	P	46	VERY STIFF mauve SANDY LOAM TILL	73.10	9	2.3	15
70.60	10	S	21	VERY STIFF mauve SILTY CLAY TILL	70.60	10	3.1	14
68.10	10	P	24	STIFF mauve SILTY CLAY TILL	68.10	10	1.8	11
65.60	11	P	14	Same as above	65.60	11	1.7	11
63.10	7	B	14	VERY STIFF mauve SANDY CLAY TILL	63.10	7	2.3	10
60.60	7	B	14	Same as above	60.60	7	2.1	15
End of Boring				End of Boring				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation  
Division of Highways  
Illinois Department of Transportation

## SOIL BORING LOG

Page 1 of 1

Date 5/23/01

ROUTE FAP 615 DESCRIPTION P-92-056-93 IL 26 culvert, 2.0 miles north of Ohio at Easy Road LOGGED BY C. Jenkins

SECTION (102, 114) RS-4 LOCATION E. Grove Twp. - NE, SEC. 33, TWP. 19N, RNG. 9E

COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station 52 + 20  
BORING NO. B-2c  
Station 52 + 04  
Offset 13.00ft Lt CL  
Ground Surface Elev. 99.5 ft

DEPTH (ft)	BLOW COUNT (/6")	UNSATURATED Wt. (tsf)	MOISTURE CONTENT (%)	Soil Description	DEPTH (ft)	BLOW COUNT (/6")	UNSATURATED Wt. (tsf)	MOISTURE CONTENT (%)
------------	------------------	-----------------------	----------------------	------------------	------------	------------------	-----------------------	----------------------

DEPTH (ft)	BLOW COUNT (/6")	UNSATURATED Wt. (tsf)	MOISTURE CONTENT (%)	Soil Description	DEPTH (ft)	BLOW COUNT (/6")	UNSATURATED Wt. (tsf)	MOISTURE CONTENT (%)
78.00	6	P	15	MEDIUM brown fine SAND	78.00	6		
75.50	3	P	17	MEDIUM brown SANDY LOAM with ORGANICS	75.50	3		
73.00	3	P	29	MEDIUM black SILT LOAM	73.00	3		
70.00	5	S	19	MEDIUM gray SANDY LOAM with ORGANICS	70.00	5		
68.00	9			MEDIUM tan fine grained SAND	68.00	9		
65.00	22			DENSE tan SAND & GRAVEL	65.00	22		
63.00	7	B	13	VERY STIFF brown SILTY CLAY TILL	63.00	7		
60.00	8	B	20	VERY STIFF brown SILTY CLAY	60.00	8		
End of Boring				End of Boring				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)

BBS, from 137 (Rev. 8-99)



# BORING LOGS

Page 1 of 1

SOIL BORING LOG

Date 2/8/10

ROUTE FAP 316 DESCRIPTION P92-011-08 Box culvert on IL 26 over a creek, .4 m. S. of Union Road LOGGED BY W. Garza

SECTION (102, 114) T-3 LOCATION East Grove Twp. - 15NW, SEC. , TWP. 19N, RNG. 9E

COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	D	B	U	M
BORING NO.	Station	E	L	C	O	Stream Bed Elev.	E	L	C	O
		P	O	S	I	Groundwater Elev.:	H	S	Qu	T
		T	W	S	T	First Encounter	(ft)	(/6")	(tsf)	(%)
		H	S	Qu	T	Upon Completion				
						After				
						Hrs.				
		(ft)	(/6")	(tsf)	(%)		(ft)	(/6")	(tsf)	(%)
VERY SOFT black LOAM with 10RGANICS	217+57			2.5 P	49	74.70	3 6	1.5 B	14	
SOFT dark gray LOAM with SAND lens	93.70		1	0.3 P	43		3 5 9	1.9 B	13	
SOFT dark gray SILTY CLAY LOAM	92.20		2			72.20				
VERY SOFT gray SILTY LOAM with 19RGANICS	89.70		1 2	0.3 B	38		4 7 6	1.2 S	10	
MEDIUM gray fine SAND	86.70		0 0 1	0.0 P	80		1 3 4	1.1 B	12	
SOFT gray LOAM TILL	84.20		0 2 4	0.4 B	14		4 2 4	0.7 B	11	
MEDIUM gray SILTY CLAY TILL	79.70		0 4 5	0.8 B	19		1 4 5	1.3 B	14	
STIFF gray SILTY CLAY LOAM TILL	77.20		1 4 5	1.5 B	14		0 5 6			
End of Boring						57.20				

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

Page 1 of 2

SOIL BORING LOG

Date 2/11/10

ROUTE FAP 316 DESCRIPTION P92-011-08 Box culvert on IL 26 over a creek, .4 m. S. of Union Road LOGGED BY W. Garza

SECTION (102, 114) T-3 LOCATION East Grove Twp. - 15NW, SEC. , TWP. 19N, RNG. 9E

COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	D	B	U	M
BORING NO.	Station	E	L	C	O	Stream Bed Elev.	E	L	C	O
		P	O	S	I	Groundwater Elev.:	H	S	Qu	T
		T	W	S	T	First Encounter	(ft)	(/6")	(tsf)	(%)
		H	S	Qu	T	Upon Completion				
						After				
		(ft)	(/6")	(tsf)	(%)		(ft)	(/6")	(tsf)	(%)
SOFT gray SANDY LOAM	217+57			0.4 P	10					
LOOSE light brown fine SAND	97.50		3 2 4							
LOOSE light brown fine moist SAND	96.00		2 3 5							
LOOSE tan dirty fine SAND	93.50		1 2 5							
MEDIUM tan fine SAND	91.00		2 5							
MEDIUM tan fine SAND	88.50		2 5 8							
MEDIUM tan fine SAND	86.00		2 6 7							
MEDIUM gray fine SAND	83.00		2 5 7							
MEDIUM gray SILTY CLAY LOAM TILL	80.50		0 2 4	0.8 P	14					
LOOSE gray SANDY GRAVEL			3							

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

# BORING LOGS



Illinois Department  
of Transportation  
Division of Highways  
Illinois Department of Transportation

## SOIL BORING LOG

Page 2 of 2

Date 2/11/10

ROUTE FAP 316 DESCRIPTION P92-011-08 Box culvert on IL 26 over a creek, .4 m. S. of Union Rad LOGGED BY W. Garza  
SECTION (102, 114) T-3 LOCATION East Grove Twp. - 15NW, SEC. , TWP. 19N, RNG. 9E  
COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	D	B	U	M	Surface Water Elev.
Station	E	L	C	O	Stream Bed Elev.
BORING NO.	P	O	S	I	Groundwater Elev.:
Station	T	W	Q	S	First Encounter
Offset	H	S	T	T	Upon Completion
Ground Surface Elev.	(ft)	(/6")	(tst)	(%)	After _____ Hrs.
MEDIUM gray LOAM TILL (continued)	58.50	1 2	0.8 B	10	
MEDIUM gray SILTY CLAY LOAM	56.00	0 1 6	1.0 B	14	
STIFF gray SILTY CLAY LOAM TILL with SAND lens	-45 53.50	1 8 10	1.4 B	13	
End of Boring					

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

# BORING LOGS



Illinois Department of Transportation  
Division of Highways  
Illinois Department of Transportation

## SOIL BORING LOG

Page 1 of 1

Date 7/30/14

ROUTE FAP 316 DESCRIPTION P92-011-08 IL 26 culvert, .1 mi. S. of Union Road LOGGED BY W. Garza  
SECTION (102, 114) T-3 LOCATION East Grove Twp. - 9SE, SEC. , TWP. 19N, RNG. 9E  
COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	Station	DEPTH (ft)	BLOW (6")	UNIFORMITY (tsf)	MOISTURE (%)	SOIL DESCRIPTION	DEPTH (ft)	BLOW (6")	UNIFORMITY (tsf)	MOISTURE (%)
						Surface Water Elev. _____ ft				
						Stream Bed Elev. <u>94.0</u> ft				
BORING NO.	Station					Groundwater Elev.:				
<u>B-1c</u>	<u>231+31</u>					First Encounter <u>81.8</u> ft				
	Offset <u>19.00ft RI CL</u>					Upon Completion <u>Dry</u> ft				
	Ground Surface Elev. <u>98.8</u> ft					After _____ Hrs. _____ ft				
<u>-89.458362</u>						STIFF gray LOAM TILL (continued)	<u>77.80</u>	<u>4</u>	<u>1.2</u>	<u>14</u>
<u>41.648724</u>						DRY light brown SANDY LOAM		<u>6</u>	<u>B</u>	
		<u>96.80</u>				LOOSE brown fine SAND		<u>5</u>		
			<u>1</u>			HARD gray LOAM TILL		<u>8</u>	<u>5.2</u>	<u>11</u>
		<u>95.30</u>	<u>3</u>					<u>12</u>	<u>B</u>	
						LOOSE light brown moist fine SAND	<u>-5</u>	<u>4</u>		
		<u>92.80</u>	<u>3</u>		<u>13</u>	VERY STIFF gray LOAM TILL	<u>-25</u>	<u>7</u>	<u>2.7</u>	<u>12</u>
			<u>4</u>					<u>11</u>	<u>B</u>	
						STIFF gray SANDY LOAM with fine SAND lens		<u>3</u>		
		<u>90.30</u>	<u>1</u>	<u>1.7</u>	<u>17</u>	STIFF gray LOAM TILL		<u>7</u>	<u>1.6</u>	<u>13</u>
			<u>5</u>	<u>B</u>				<u>11</u>	<u>B</u>	
						LOOSE light gray fine SAND	<u>-10</u>	<u>3</u>		
		<u>87.30</u>	<u>2</u>			VERY STIFF gray LOAM TILL	<u>-30</u>	<u>6</u>	<u>3.3</u>	<u>11</u>
			<u>5</u>					<u>9</u>	<u>B</u>	
						STIFF light gray SILTY CLAY TILL with SAND lens		<u>3</u>		
		<u>85.30</u>	<u>1</u>	<u>1.0</u>	<u>17</u>	STIFF gray LOAM TILL		<u>3</u>	<u>1.2</u>	<u>13</u>
			<u>4</u>	<u>P</u>				<u>7</u>	<u>B</u>	
						STIFF gray LOAM TILL	<u>-15</u>	<u>1</u>		
		<u>82.80</u>	<u>4</u>	<u>1.3</u>	<u>12</u>	MEDIUM gray LOAM TILL	<u>-35</u>	<u>3</u>	<u>0.8</u>	<u>14</u>
			<u>5</u>	<u>B</u>				<u>5</u>	<u>P</u>	
						STIFF gray LOAM TILL		<u>0</u>		
		<u>80.30</u>	<u>3</u>	<u>1.1</u>	<u>13</u>	SOFT gray LOAM TILL		<u>2</u>	<u>0.4</u>	<u>13</u>
			<u>6</u>	<u>B</u>				<u>5</u>	<u>P</u>	
						End of Boring	<u>60.30</u>			
						STIFF gray LOAM TILL	<u>-20</u>	<u>1</u>		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)



Illinois Department of Transportation  
Division of Highways  
Illinois Department of Transportation

## SOIL BORING LOG

Page 1 of 1

Date 7/30/14

ROUTE FAP 316 DESCRIPTION P92-011-08 IL 26 culvert, .1 mi. S. of Union Road LOGGED BY W. Garza  
SECTION (102, 114) T-3 LOCATION East Grove Twp. - 9SE, SEC. , TWP. 19N, RNG. 9E  
COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	Station	DEPTH (ft)	BLOW (6")	UNIFORMITY (tsf)	MOISTURE (%)	SOIL DESCRIPTION	DEPTH (ft)	BLOW (6")	UNIFORMITY (tsf)	MOISTURE (%)
						Surface Water Elev. _____ ft				
						Stream Bed Elev. <u>94.0</u> ft				
BORING NO.	Station					Groundwater Elev.:				
<u>B-2c</u>	<u>231+15</u>					First Encounter <u>None</u> ft				
	Offset <u>17.00ft LI CL</u>					Upon Completion <u>Dry</u> ft				
	Ground Surface Elev. <u>98.9</u> ft					After _____ Hrs. _____ ft				
<u>-89.458761</u>						STIFF gray LOAM TILL (continued)	<u>77.90</u>	<u>4</u>	<u>1.2</u>	<u>14</u>
<u>41.648526</u>						DRY brown SANDY LOAM		<u>7</u>	<u>B</u>	
		<u>96.90</u>				LOOSE brown fine SAND		<u>2</u>		
			<u>2</u>			STIFF gray LOAM TILL		<u>4</u>	<u>1.5</u>	<u>13</u>
		<u>95.40</u>	<u>4</u>					<u>6</u>	<u>B</u>	
						LOOSE brown fine SAND	<u>-5</u>	<u>2</u>		
		<u>92.90</u>	<u>2</u>			VERY STIFF gray LOAM TILL	<u>-25</u>	<u>4</u>	<u>2.9</u>	<u>12</u>
			<u>2</u>					<u>7</u>	<u>B</u>	
			<u>3</u>			VERY STIFF black SANDY CLAY LOAM		<u>0</u>		
		<u>90.40</u>	<u>2</u>	<u>2.5</u>	<u>20</u>	STIFF gray LOAM TILL with SAND lens		<u>3</u>	<u>1.5</u>	<u>14</u>
			<u>3</u>	<u>B</u>				<u>5</u>	<u>B</u>	
						LOOSE light gray dirty SANDY GRAVEL	<u>-10</u>	<u>1</u>		
		<u>87.40</u>	<u>2</u>			MEDIUM gray LOAM TILL	<u>-30</u>	<u>2</u>	<u>0.5</u>	<u>16</u>
			<u>4</u>					<u>3</u>	<u>B</u>	
						STIFF gray SILTY CLAY TILL with SAND lens		<u>1</u>		
		<u>85.40</u>	<u>2</u>	<u>1.4</u>	<u>18</u>	SOFT gray LOAM TILL		<u>1</u>	<u>0.3</u>	<u>16</u>
			<u>4</u>	<u>B</u>				<u>3</u>	<u>B</u>	
						MEDIUM gray LOAM TILL	<u>-15</u>	<u>0</u>		
		<u>82.90</u>	<u>3</u>	<u>0.9</u>	<u>13</u>	MEDIUM gray LOAM TILL	<u>-35</u>	<u>0</u>	<u>0.6</u>	<u>14</u>
			<u>5</u>	<u>P</u>				<u>4</u>	<u>B</u>	
						VERY STIFF gray LOAM TILL		<u>0</u>		
		<u>80.40</u>	<u>2</u>	<u>2.1</u>	<u>13</u>	STIFF gray LOAM TILL		<u>2</u>	<u>1.2</u>	<u>13</u>
			<u>4</u>	<u>B</u>				<u>8</u>	<u>B</u>	
			<u>8</u>			End of Boring	<u>60.40</u>			
						STIFF gray LOAM TILL	<u>-20</u>	<u>2</u>		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

# BORING LOGS

Page 1 of 1

SOIL BORING LOG

Date 9/10/07

ROUTE FAP 316 DESCRIPTION P92-010-08 IL 26 culvert over a ditch, .2 m. N. of Union Road LOGGED BY W. Garza

SECTION 102 BR-8 LOCATION East Grove Twp. - 9 NE, SEC. , TWP. 19N, RNG. 9E

COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. Station	D E P T H	B L O S H	U C S Qu	M O I S T %	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	H S Qu T	D E P T H	B L O S H	U C S	M O I S T %
Shoulder Rock					92.0	91.0									
SOFT brown SANDY LOAM			0.4 P			78.00									
SOFT brown fine SAND & SANDY LOAM		3	0.3 P	17		75.50									
VERY LOOSE brown fine SAND		1				73.00									
SOFT tan/gray SANDY LOAM		1	0.3 B	21		70.50									
MEDIUM light gray fine SAND		1				66.50									
MEDIUM light gray fine SAND		7				63.00									
End of Boring															

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

Page 1 of 1

SOIL BORING LOG

Date 9/6/07

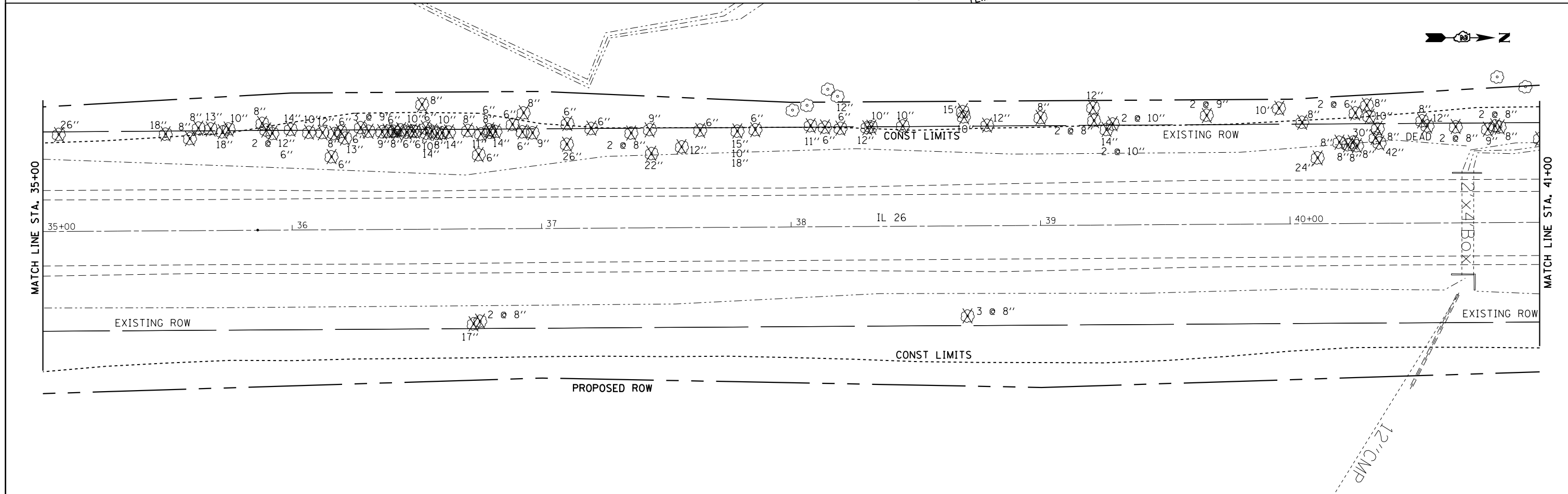
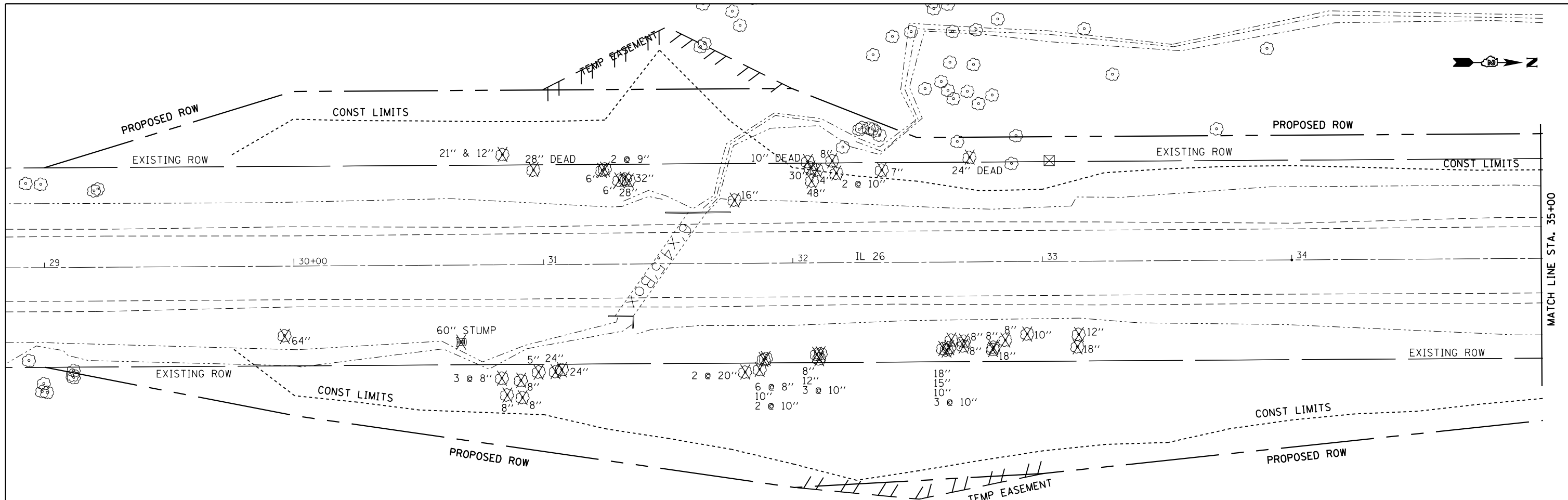
ROUTE FAP 316 DESCRIPTION P92-010-08 IL 26 culvert over a ditch, .2 m. N. of Union Road LOGGED BY W. Garza

SECTION 102 BR-8 LOCATION East Grove Twp. - 9 NE, SEC. , TWP. 19N, RNG. 9E

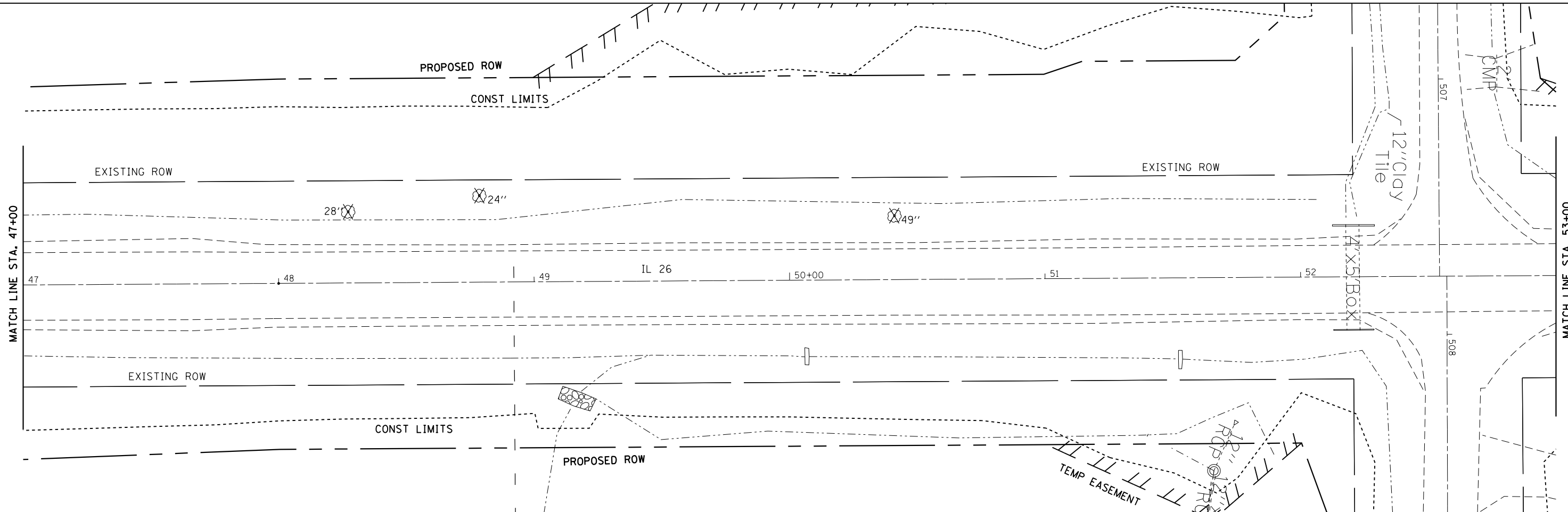
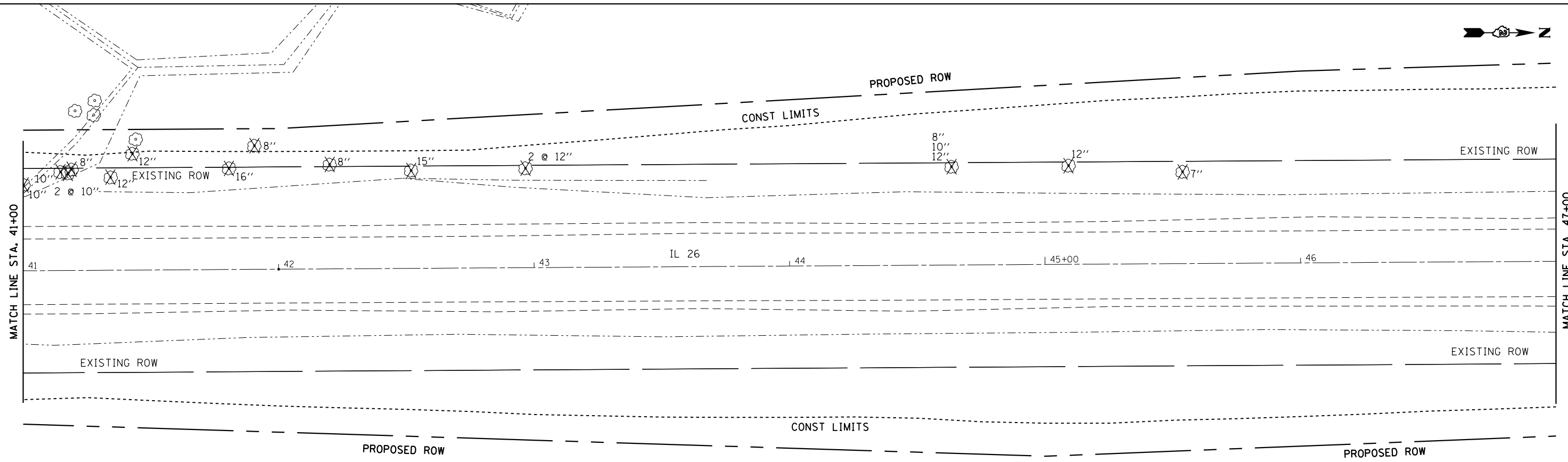
COUNTY Lee DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. Station	D E P T H	B L O S H	U C S Qu	M O I S T %	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	H S Qu T	D E P T H	B L O S H	U C S	M O I S T %
VERY SOFT tan SANDY LOAM			0.2 P	11		72.00									
SOFT dark gray SANDY LOAM		1	0.3 P	18		69.50									
LOOSE light gray fine SAND		0				67.00									
LOOSE tan fine SAND		0				64.00									
MEDIUM tan clean medium coarse SAND		2				62.00									
MEDIUM tan fine SAND		5				79.50									
MEDIUM tan SAND & GRAVEL		1				77.00									
MEDIUM tan SAND & GRAVEL		5				74.50									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)



FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TREE REMOVAL DETAILS</b>				F.A.P. R.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\IL\084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\2010\DRAN\Drawings\CAD\Drawings\201108-sht-rem.dgn	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -						316	(102,104) T-3	LEE	231	121
Default	PLOT DATE = Apr-20-2016 11:00:01 AM	DATE -	REVISED -		SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.				CONTRACT NO. 64D86				
					ILLINOIS FED. AID PROJECT								

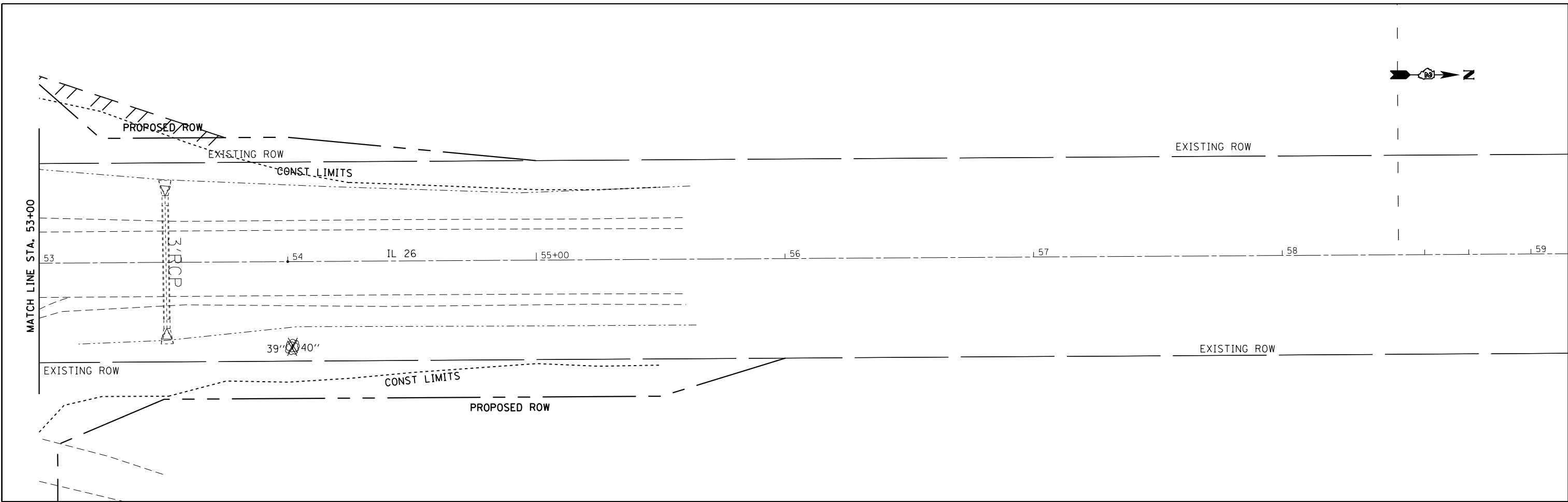


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	PLOT DATE = Apr-20-2016 11:00:01 AM	DATE -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

TREE REMOVAL DETAILS				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102.104) T-3	LEE	231	122
CONTRACT NO. 64D86				
ILLINOIS FED. AID PROJECT				



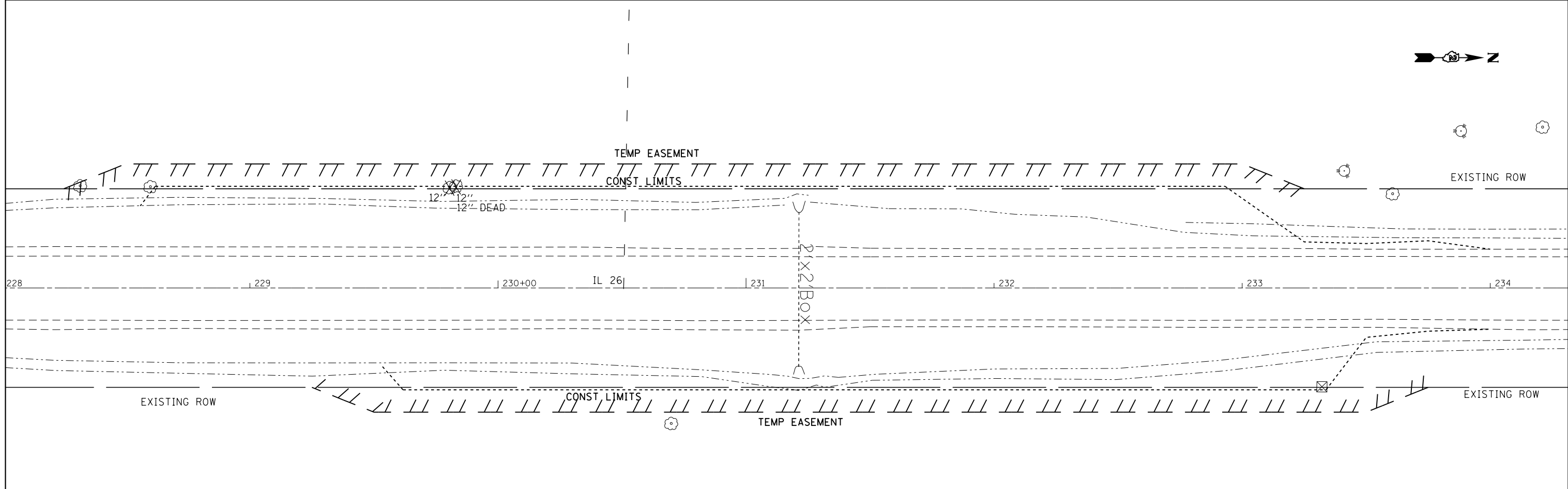
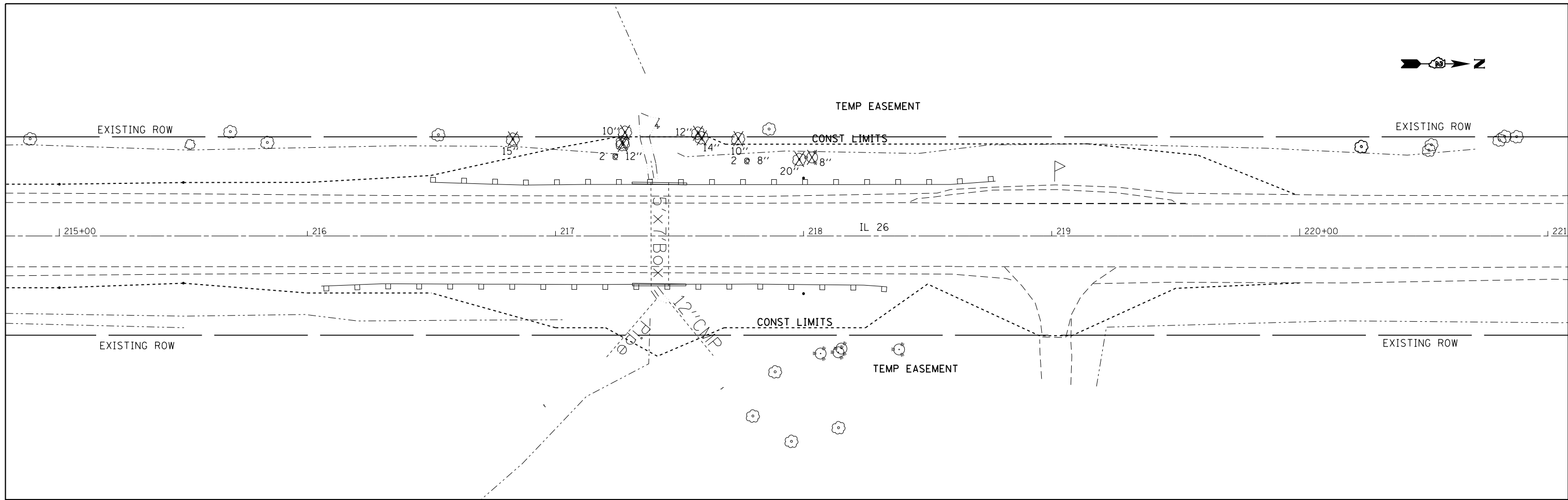
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TREE REMOVAL DETAILS**

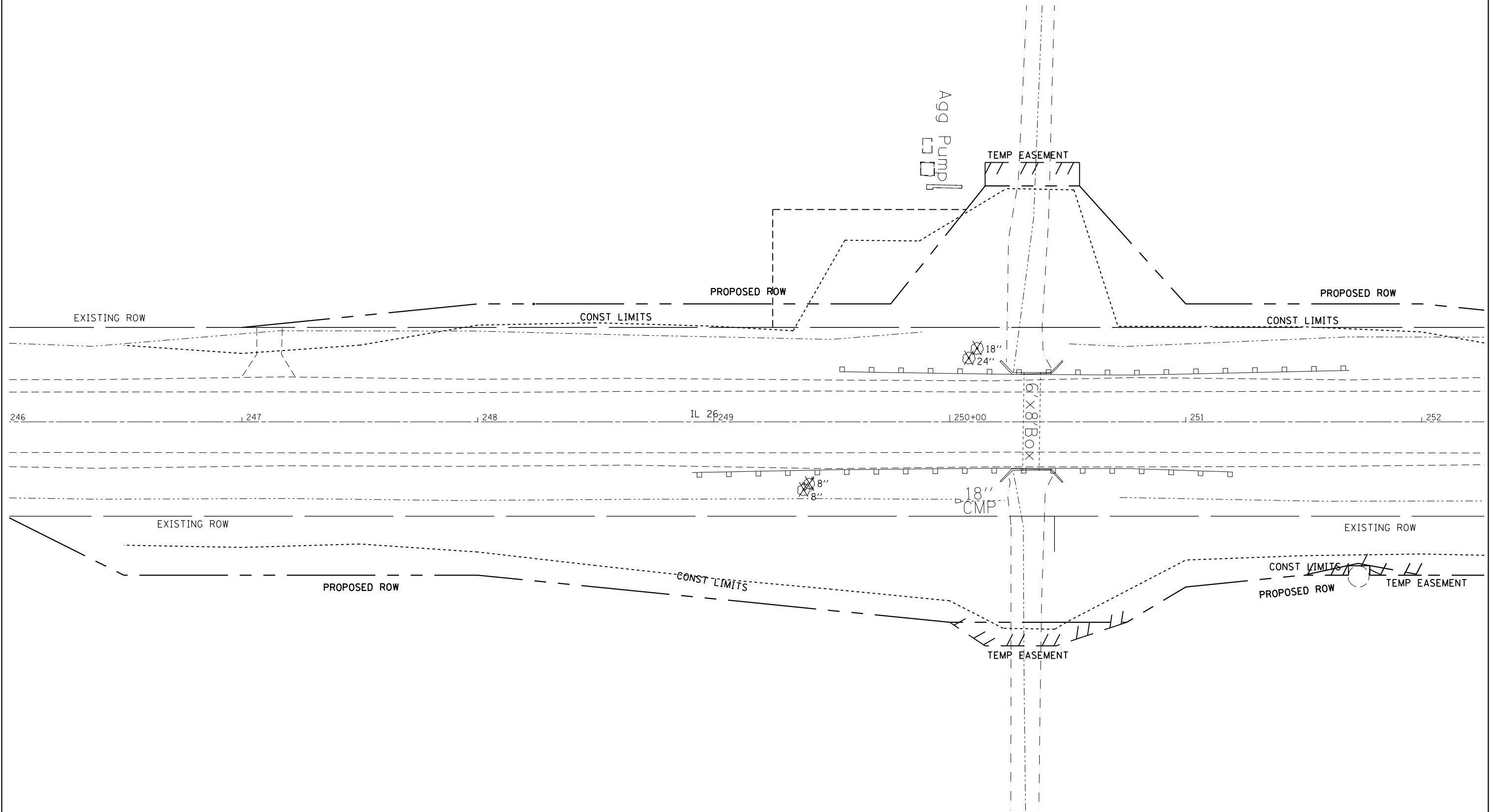
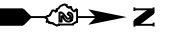
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,104) T-3	LEE	231	123
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64D86	



FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TREE REMOVAL DETAILS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.				CONTRACT NO. 64D86				
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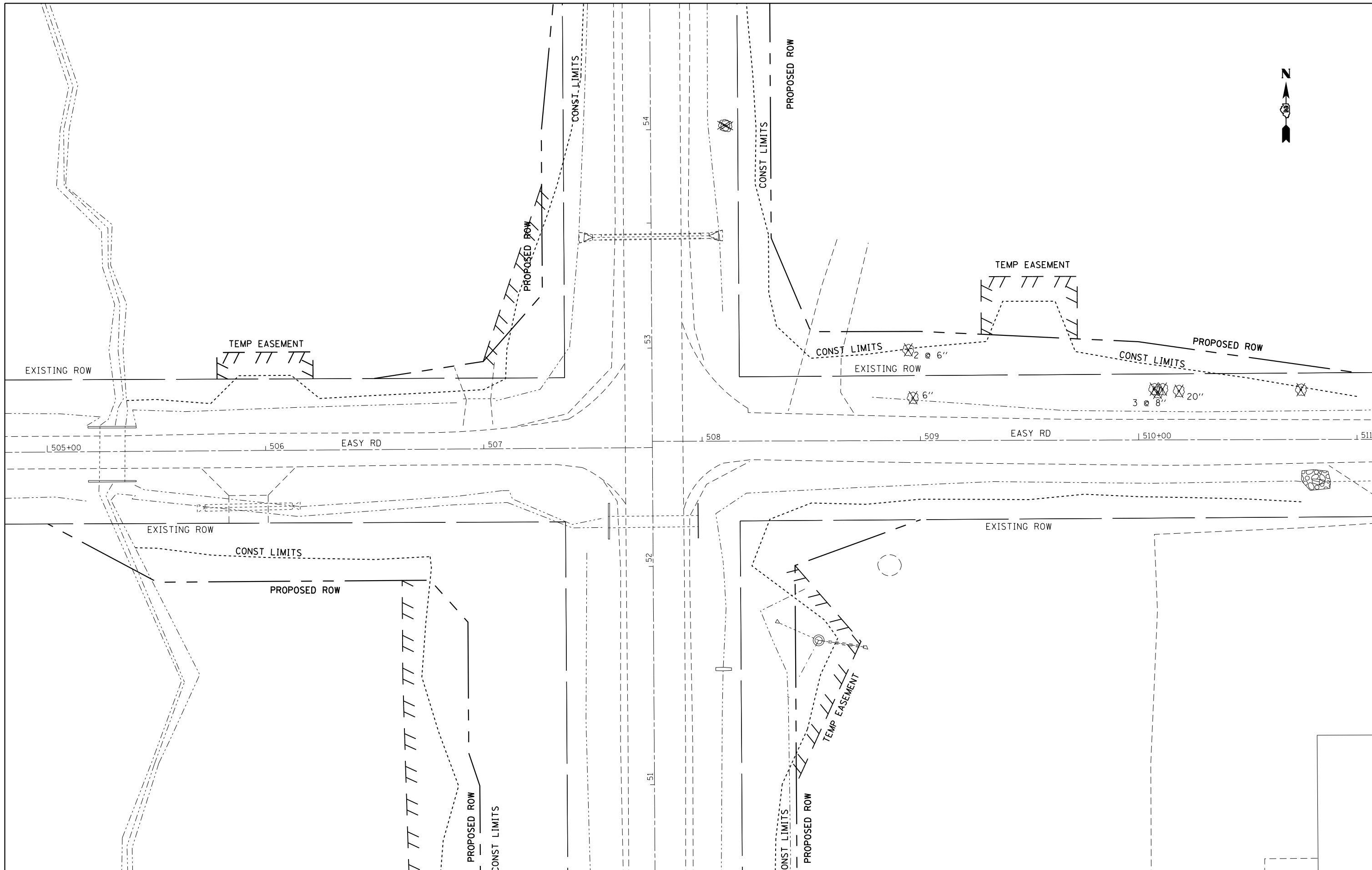
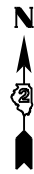


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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

TREE REMOVAL DETAILS			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,104) T-3	LEE	231	125
CONTRACT NO. 64D86			ILLINOIS FED. AID PROJECT	



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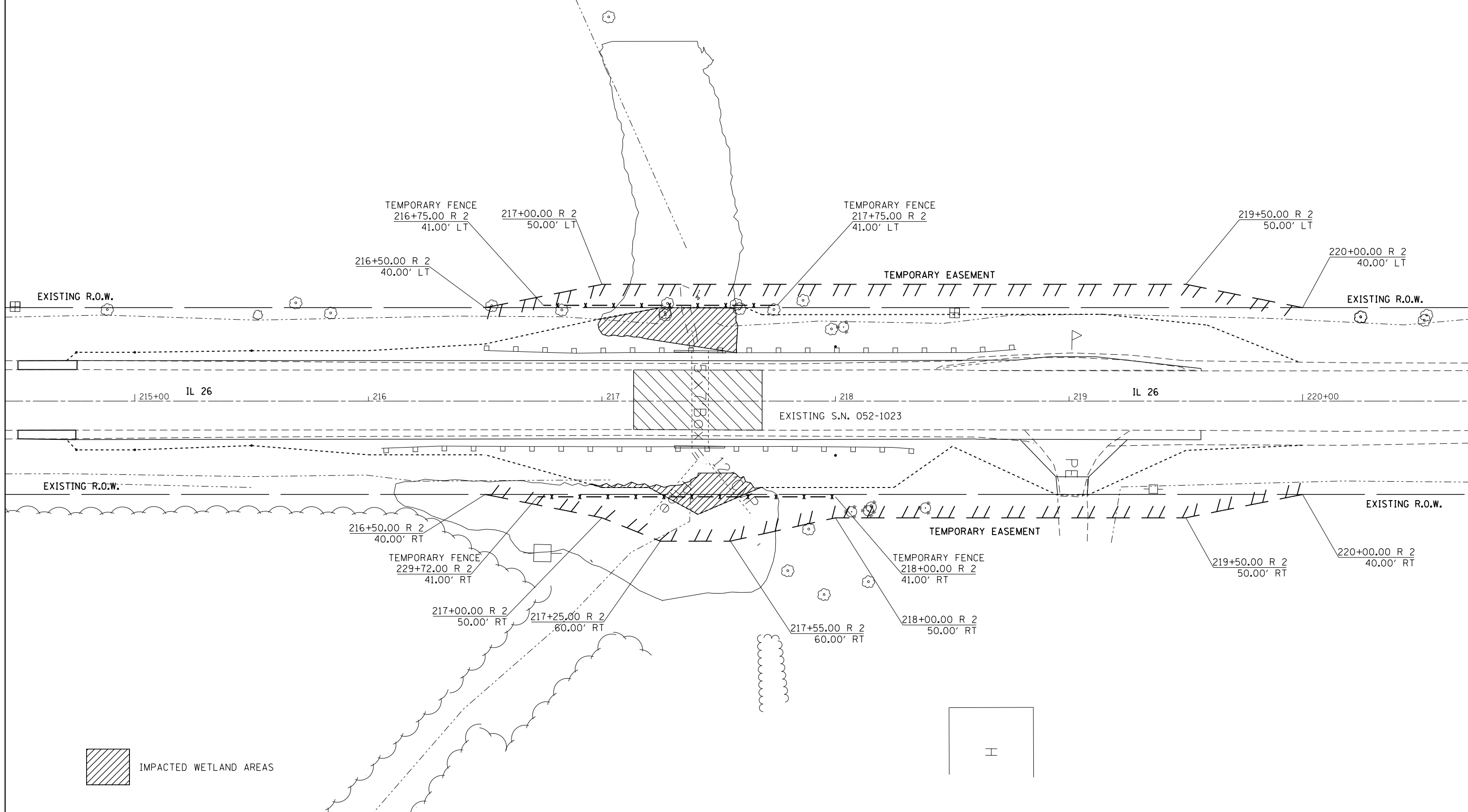
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**TREE REMOVAL DETAILS**

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,104) T-3	LEE	231	126
CONTRACT NO. 64D86				
ILLINOIS FED. AID PROJECT				

SCALE: SHEET OF SHEETS STA. TO STA.

# EXISTING WETLAND SITE DETAILS



 IMPACTED WETLAND AREAS

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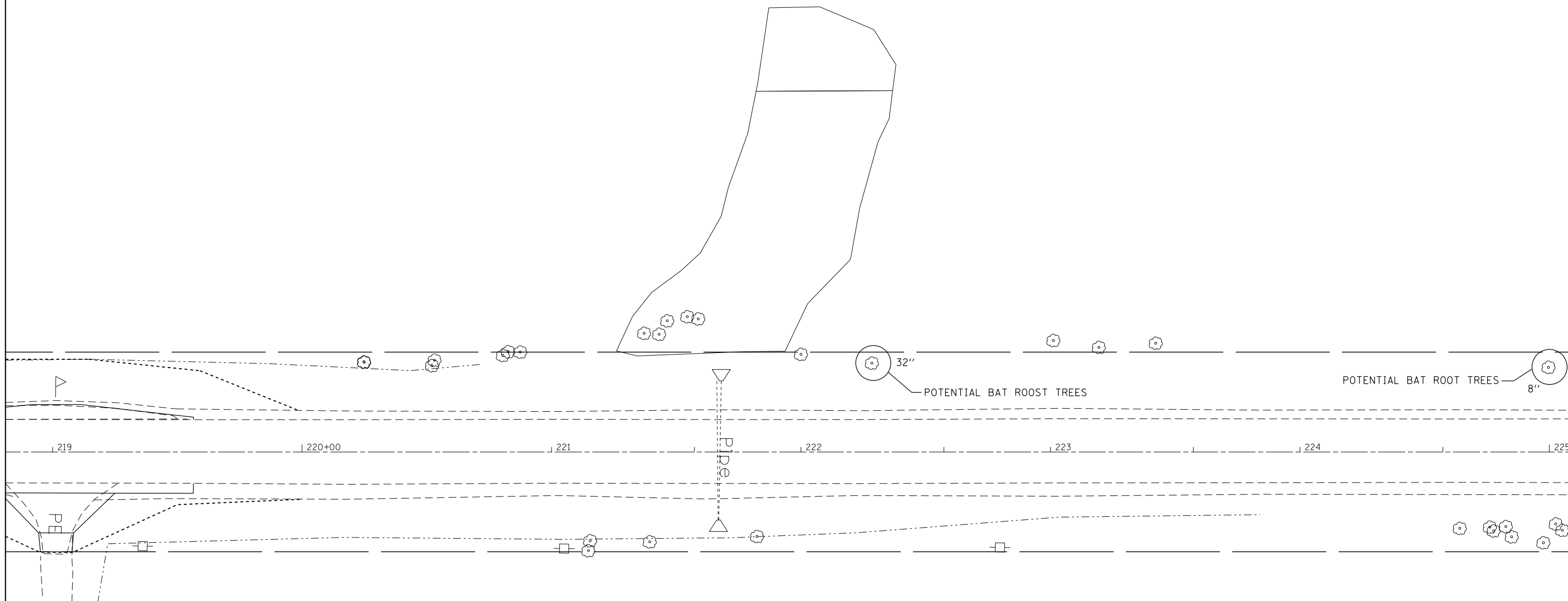
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING WETLAND SITE DETAILS

SCALE:      SHEET      OF      SHEETS      STA.      TO      STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	127
CONTRACT NO. 64086			ILLINOIS FED. AID PROJECT	

# EXISTING WETLAND SITE DETAILS



 IMPACTED WETLAND AREAS

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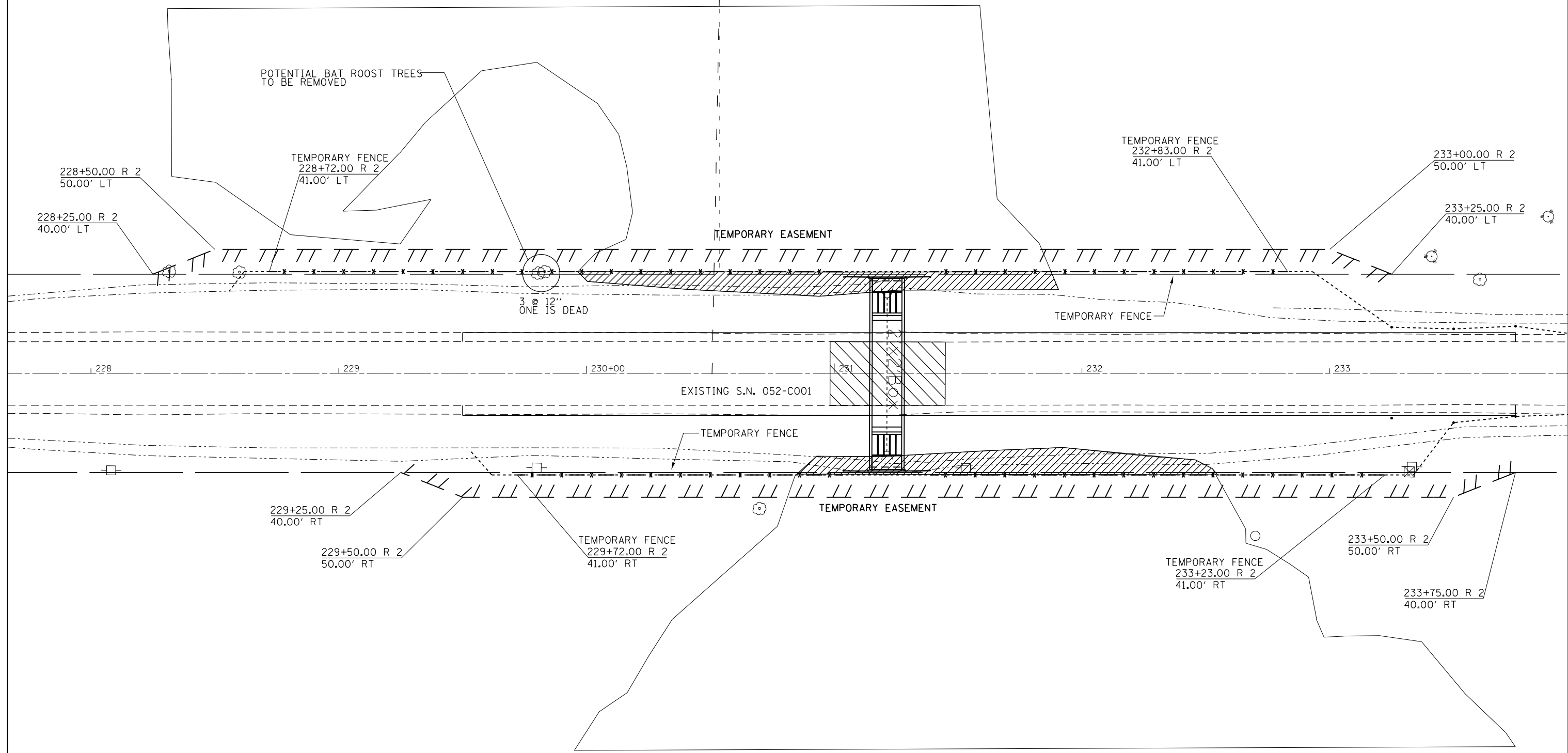
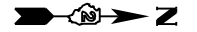
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION


EXISTING WETLAND SITE DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	128
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64D86	

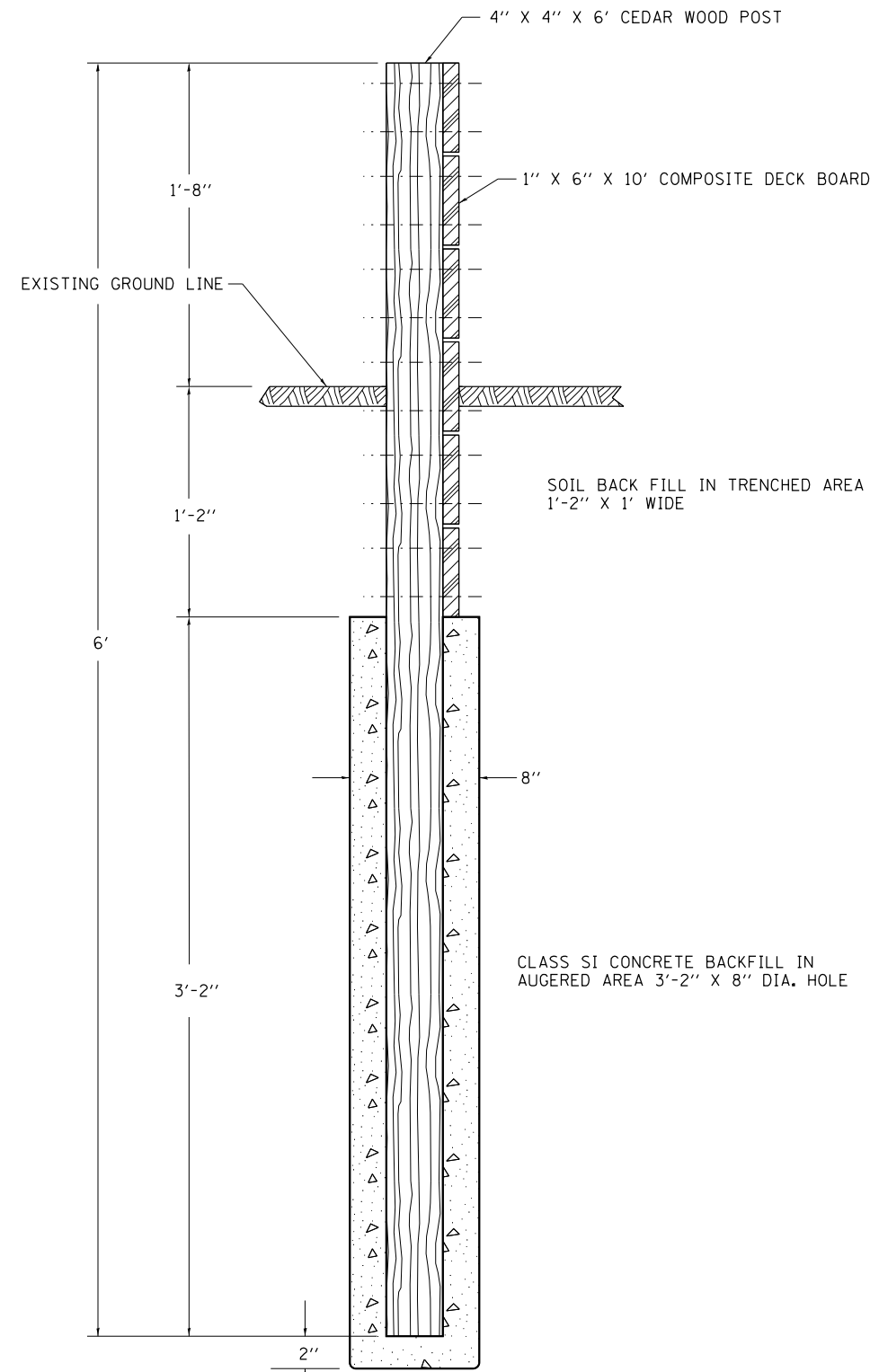
# EXISTING WETLAND SITE DETAILS



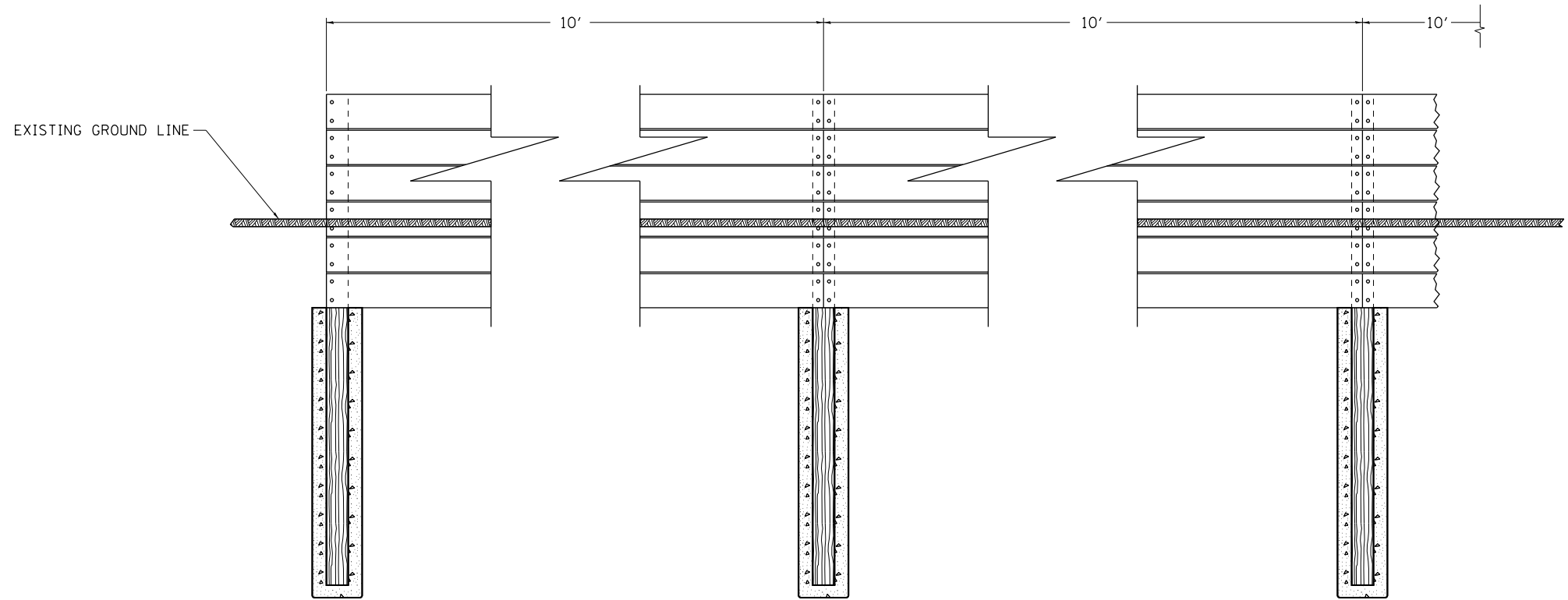
 IMPACTED WETLAND AREAS

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>EXISTING WETLAND SITE DETAILS</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 64086				
	PLOT DATE = Apr-20-2016 11:07:06 AM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								

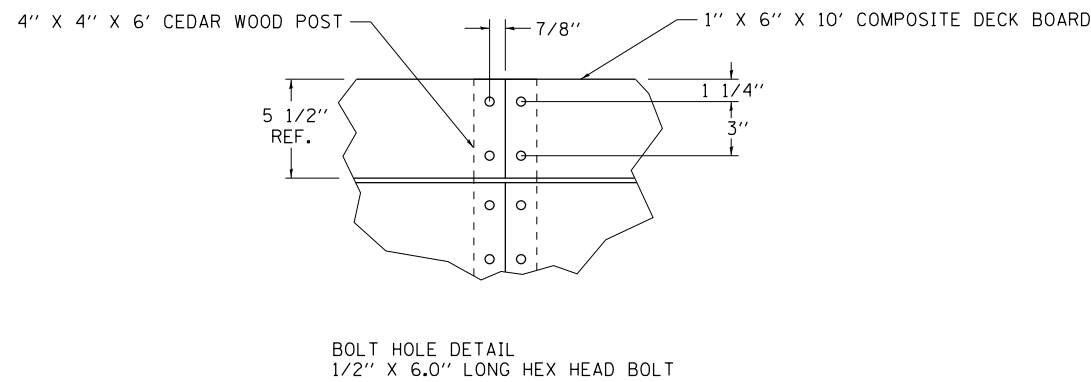
# FENCE (SPECIAL) DETAIL



**GENERAL SECTION**



**GENERAL END VIEW**



**GENERAL NOTES:**

1. PENTACHLOROPHENOL (PCP) (A MINIMUM RETENTION OF 0.60 LBS/CF) SHALL BE USED FOR THE TREATMENT OF THE WOOD FENCE POSTS AND THAT CCA (CHROMATED COPPER ARSENATE) AND CREOSOTE SHALL BY NO MEANS BE USED AS A SUBSTITUTE. THE PCP SHALL BE IN ACCORDANCE WITH AASHTO M 133-12.
2. SEE PLAN AND PROFILE SHEETS FOR MORE INFORMATION. SEE CROSS SECTION SHEETS FOR OFFSETS FROM CENTERLINE OF IL 26.
3. THE STEEL RIGHT ANGLE BRACKETS, BOLTS, NUTS, AND WASHERS SHALL BE IN ACCORDANCE WITH ARTICLE 1006.29 (d) OF THE STANDARD SPECIFICATION AND SHALL BE GALVANIZED.
4. THIS WORK SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR FENCE (SPECIAL). THIS WORK SHALL INCLUDE THE POST HOLE AUGERING, CEDAR POSTS, CLASS SI CONCRETE, ACCORDING TO SECTION 1020, TO BACKFILL THE CEDAR POSTS, ANY BRACING USED TO HOLD THE POSTS PLUMB BEFORE SETTING, BACKFILLING NATIVE SOIL IN THE AUGERED HOLES FOR THE CEDAR POSTS, COMPOSITE DECK BOARDS, AND THE GALVANIZED HARDWARE.

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
p:\11084EBIDINTEG\illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\2010\Drawings\CAD\Drawings\201108-sht-details		DRAWN -	REVISED -
Default	PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -
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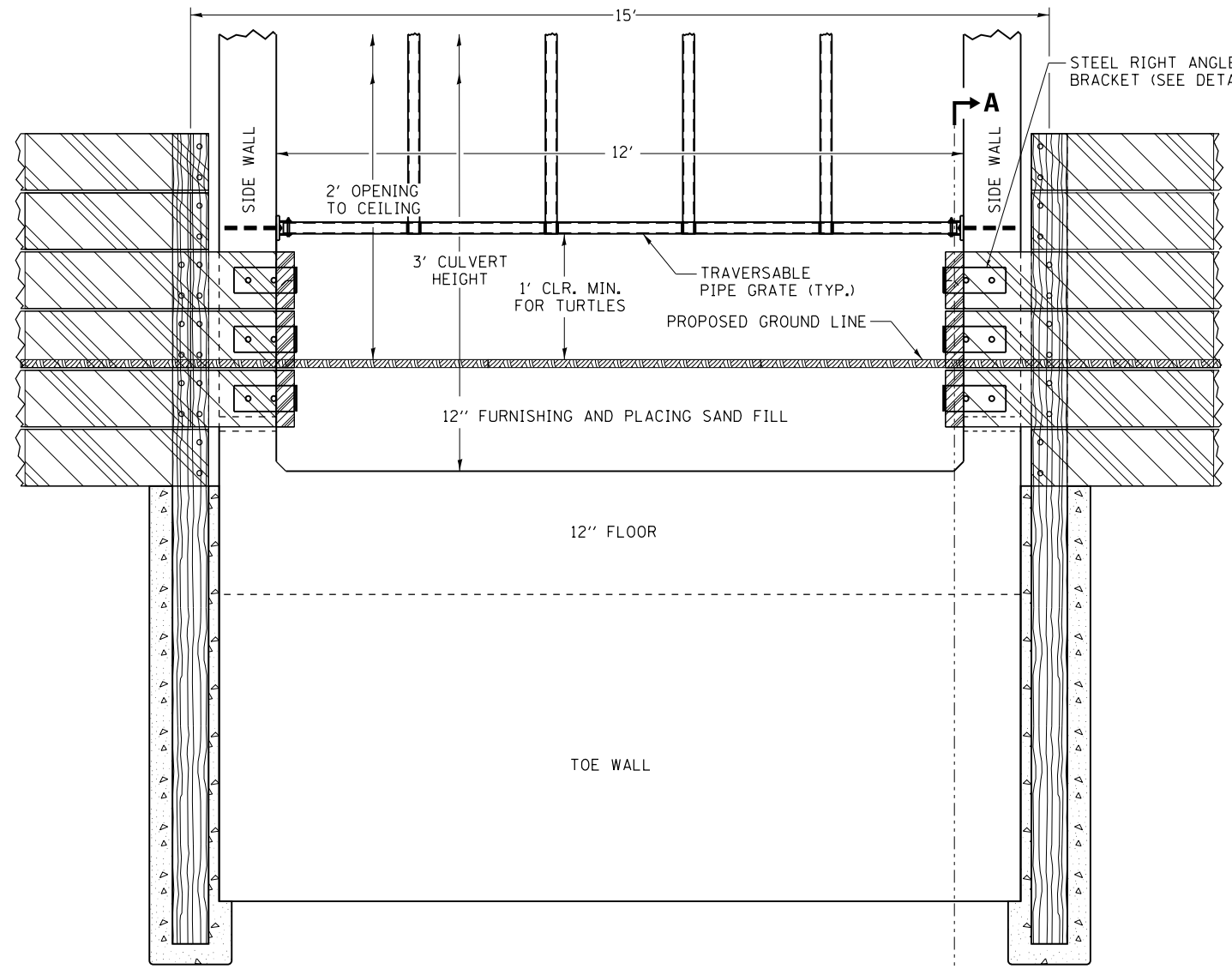
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**FENCE (SPECIAL) DETAIL**

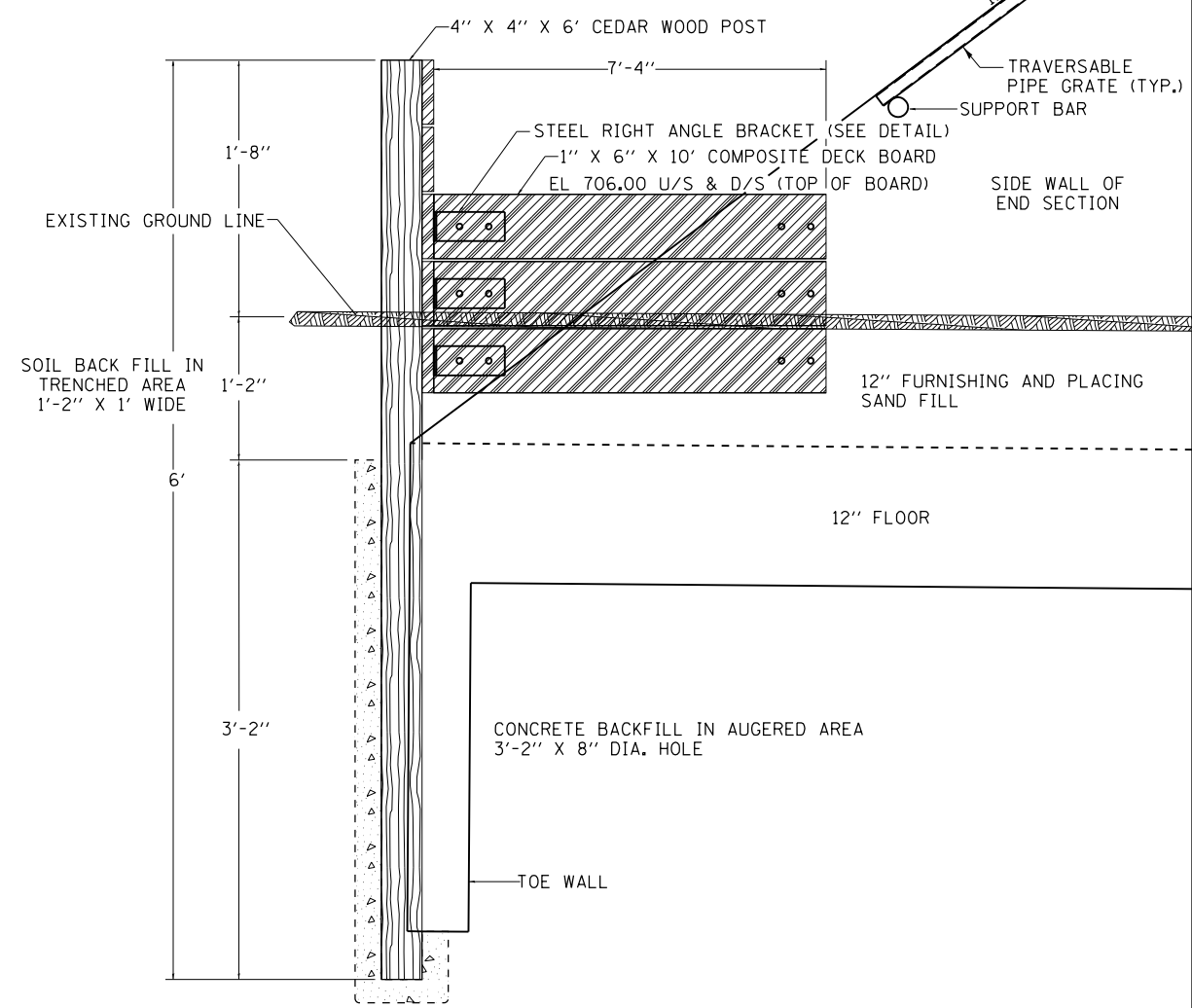
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	130
<b>CONTRACT NO. 64D86</b>				
ILLINOIS FED. AID PROJECT				

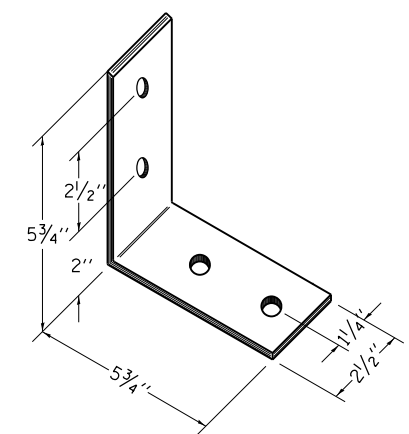
# FENCE (SPECIAL) DETAIL



**12'x3' BOX CULVERT END VIEW**



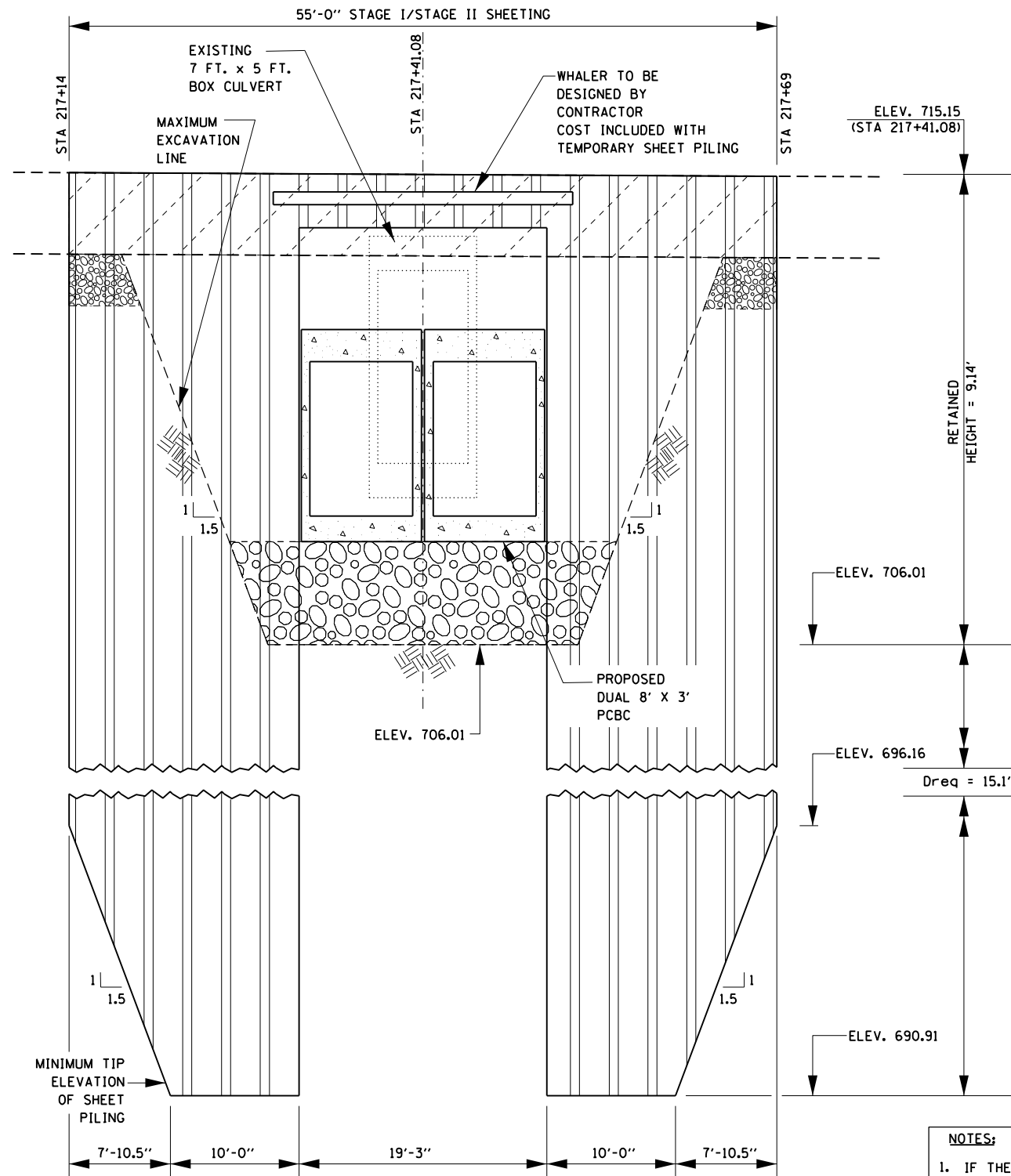
**SECTION A-A**



7 GAUGE STAINLESS STEEL RIGHT ANGLE BRACKET DETAIL  
4 - 1/2" X 2/2" LONG HEX HEAD BOLT PER BRACKET

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>FENCE (SPECIAL) DETAIL</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\2016\1084EBID\GAD\GADsheets\2016-sht-details	1084EBID	CHECKED -	REVISED -					316	(102,114)T-3	LEE	231	131
Default	PLOT SCALE = 100.0000' / 1in.	DATE -	REVISED -		CONTRACT NO. 64D86			ILLINOIS FED. AID PROJECT				
	PLOT DATE = Apr-20-2016 11:08:00 AM				SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

# TEMPORARY SHEET PILING



**SECTION SHOWING TEMPORARY SHEET PILING  
AT CULVERT STATION 217 + 41.08**

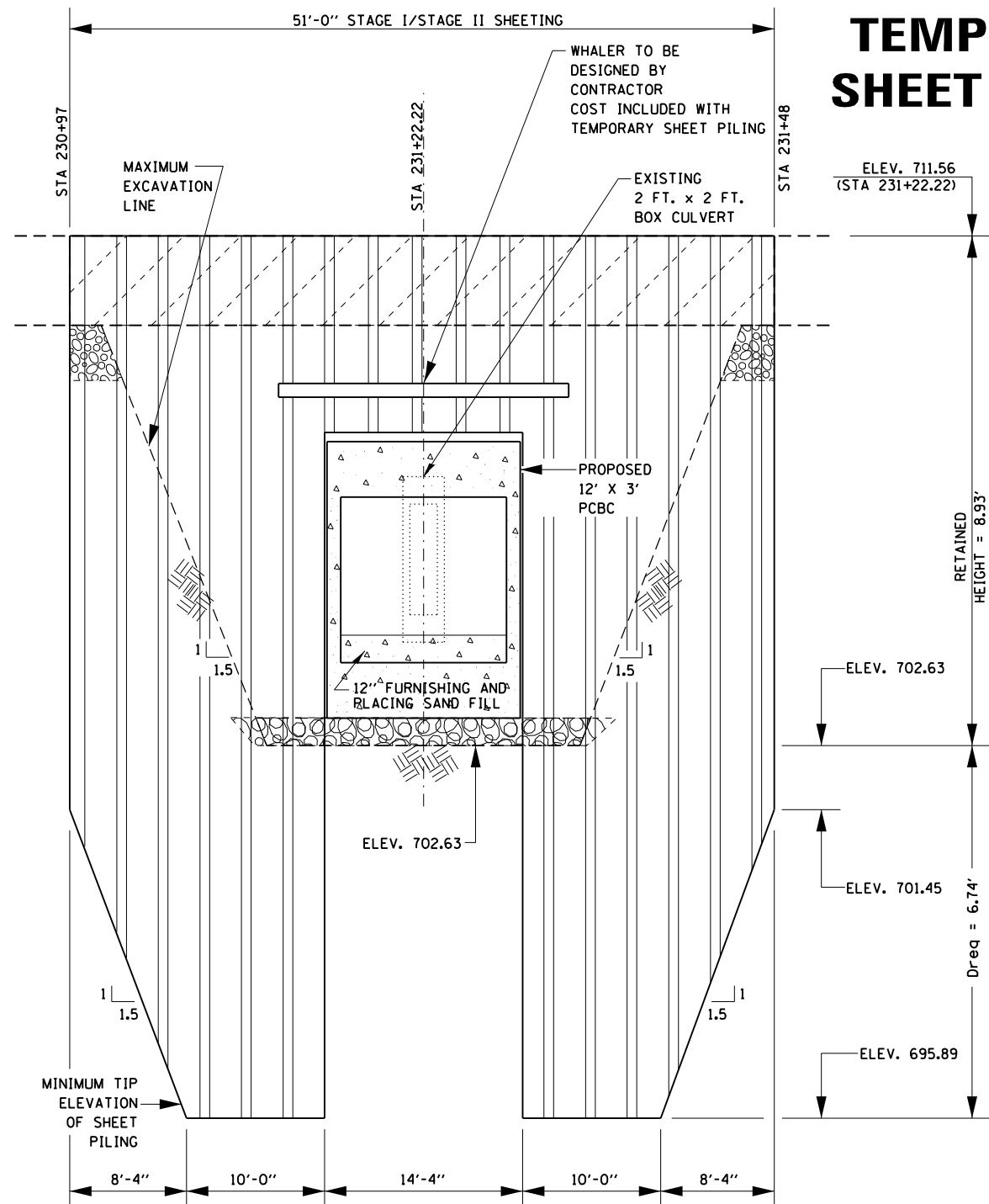
TEMPORARY SHEET PILING = 864 sf  
MINIMUM SECTION  
MODULUS = 12.7 cubic in/ft.

- NOTES:**
1. IF THE CONTRACTOR CHOOSES TO ALTER THE TEMPORARY CANTILEVER SHEET PILING DESIGN REQUIREMENTS SHOWN ON THE PLANS, A DESIGN SUBMITTAL INCLUDING PLAN DETAILS AND CALCULATIONS WILL BE REQUIRED FOR REVIEW AND ACCEPTANCE BY THE ENGINEER.
  2. MINIMUM YIELD STRENGTH FOR STEEL SHEET PILING TO BE 38,500 P.S.I.
  3. THE CONTRACTOR IS ADVISED THAT ADDITIONAL SHEETING OR OTHER MEANS MAY BE REQUIRED TO PROVIDE CLOSURE BETWEEN SHEET PILING AND STAGE 1 CULVERT INSTALLATION.

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>TEMPORARY SHEET PILING DETAIL</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
p:\11\084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\2010\084EBIDINTEG\GADsheets\201108-sht-details						DRAWN	REVISED	316	(102,114)T-3	LEE	231	132
Default						CHECKED -	REVISED -	CONTRACT NO. 64D86				
PLOT DATE = Jun-23-2016 01:19:21 PM						DATE -	REVISED -	ILLINOIS FED. AID PROJECT				



# TEMPORARY SHEET PILING

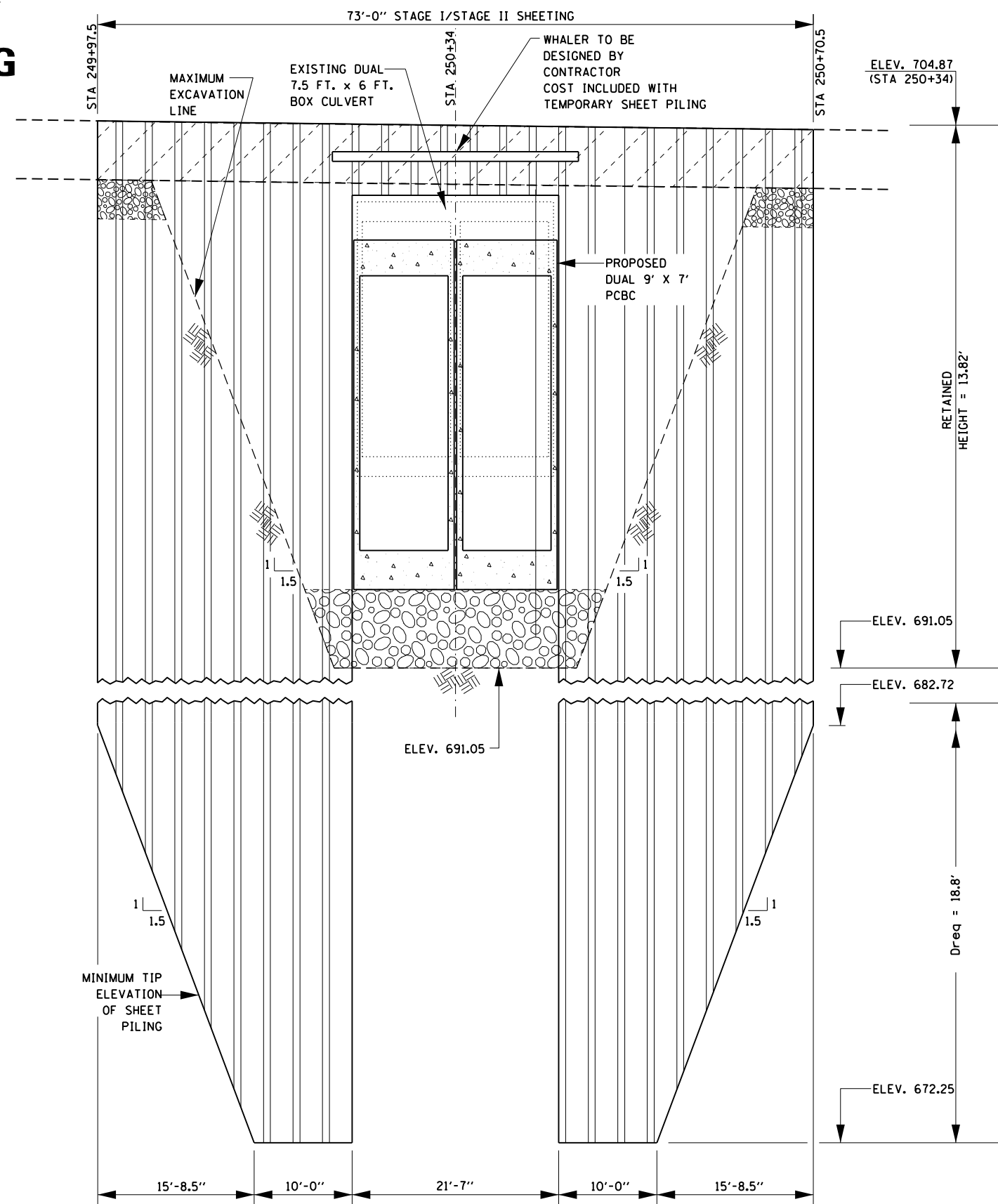


**SECTION SHOWING TEMPORARY SHEET PILING AT CULVERT STATION 231 + 22.22**

TEMPORARY SHEET PILING = 573 sf  
 MINIMUM SECTION MODULUS = 4.2 cubic in/ft.

**NOTES:**

- IF THE CONTRACTOR CHOOSES TO ALTER THE TEMPORARY CANTILEVER SHEET PILING DESIGN REQUIREMENTS SHOWN ON THE PLANS, A DESIGN SUBMITTAL INCLUDING PLAN DETAILS AND CALCULATIONS WILL BE REQUIRED FOR REVIEW AND ACCEPTANCE BY THE ENGINEER.
- MINIMUM YIELD STRENGTH FOR STEEL SHEET PILING TO BE 38,500 P.S.I.
- THE CONTRACTOR IS ADVISED THAT ADDITIONAL SHEETING OR OTHER MEANS MAY BE REQUIRED TO PROVIDE CLOSURE BETWEEN SHEET PILING AND STAGE 1 CULVERT INSTALLATION.



**SECTION SHOWING TEMPORARY SHEET PILING AT CULVERT STATION 250 + 34**

TEMPORARY SHEET PILING = 1,556 sf  
 MINIMUM SECTION MODULUS = 33.4 cubic in/ft.

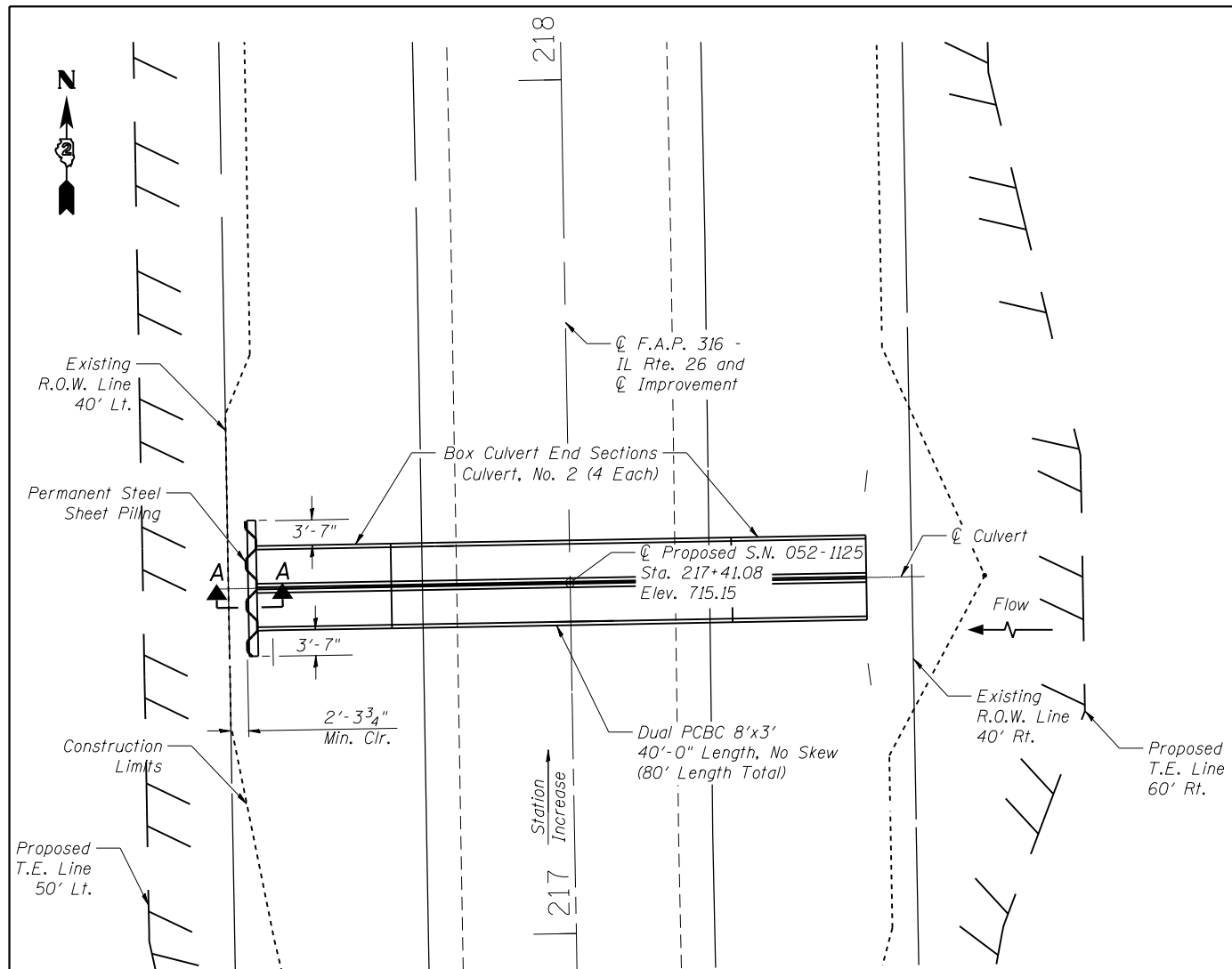
FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
pw:\11084EBID\INTEG.illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\220108\Drawings\GAD\2201108-sht-details		CHECKED -	REVISED -
Default	PLOT DATE = Jun-23-2016 01:19:34 PM	DATE -	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

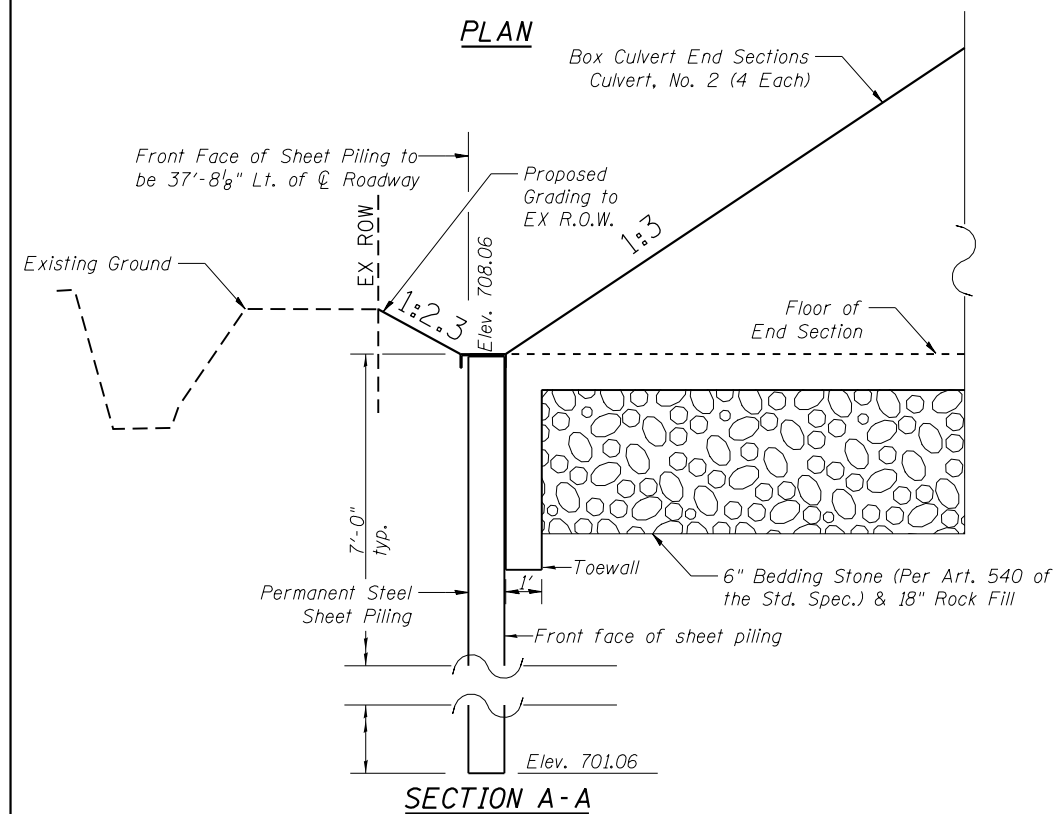
**TEMPORARY SHEET PILING DETAIL**

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

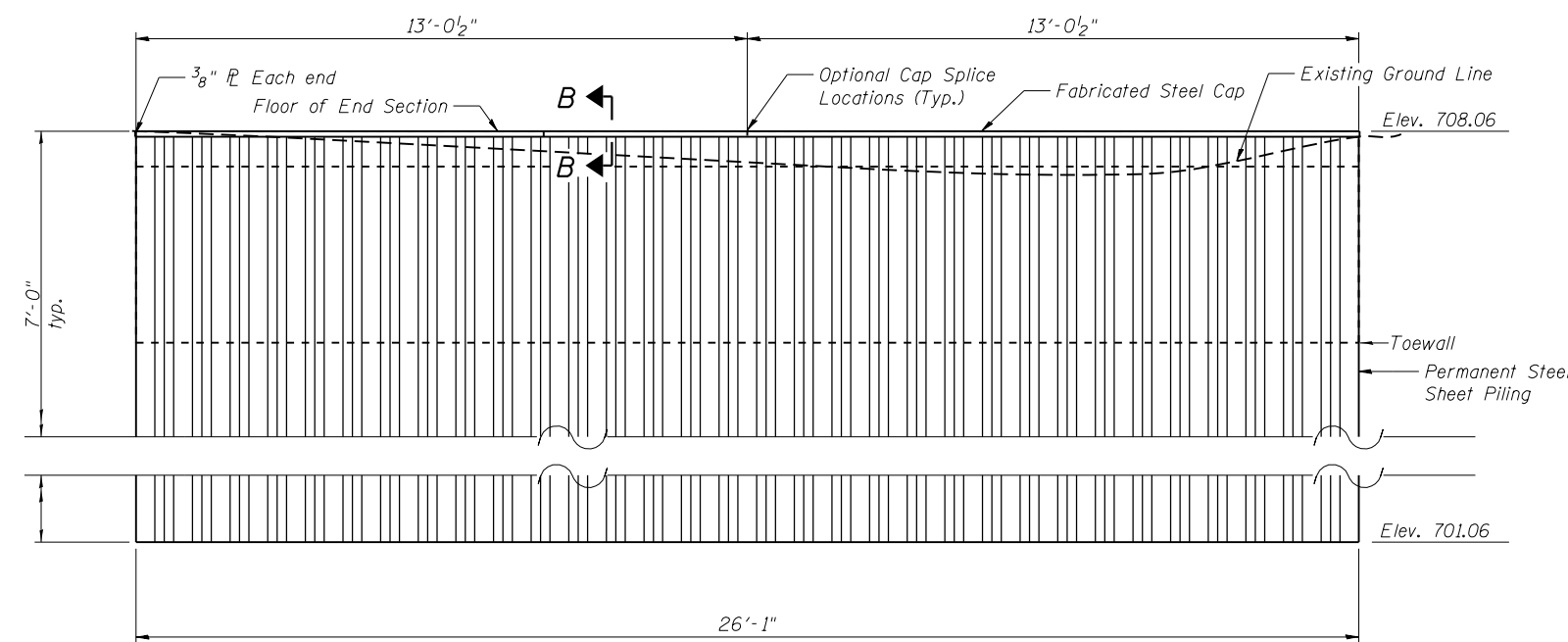
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	133
CONTRACT NO. 64D86				
ILLINOIS FED. AID PROJECT				



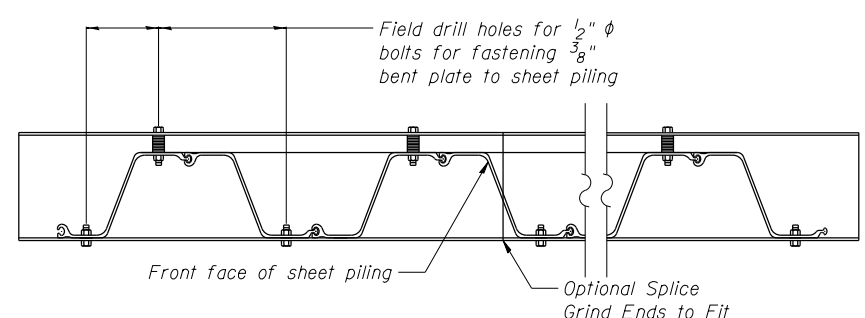
**PLAN**



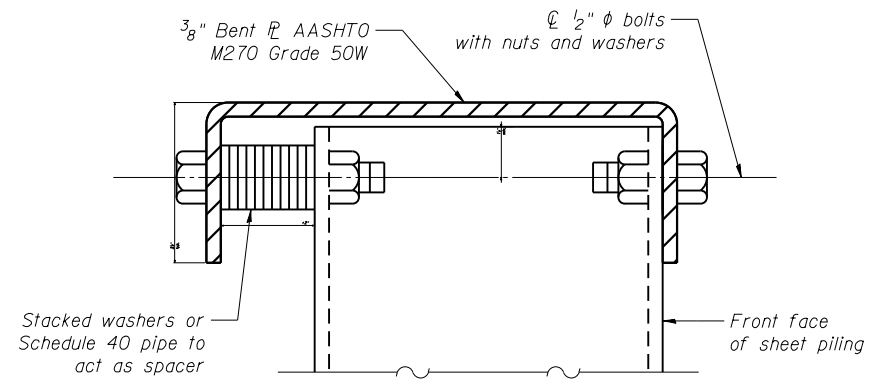
**SECTION A-A**



**PERMANENT SHEET PILING REAR ELEVATION**



**PERMANENT SHEET PILING PLAN**  
Showing connection of Fabricated Steel Cap to Permanent Steel Sheet Piling



**SECTION B-B**  
Fabricated Steel Cap

**GENERAL NOTES**

1. The sheet piling shall conform to the special provision Permanent Steel Sheet Piling.
2. The fabricated steel cap shall be AASHTO M270 Grade 50W. The cap shall not be paid for separately, but shall be included in the cost for Permanent Steel Sheet Piling.
3. Fasteners shall be AASHTO M164 Type 3.
4. Hard driving may be encountered during the sheet piling installation. The Contractor shall select a sheet pile shape to satisfy the section requirements and provide appropriate driving equipment for the soil conditions indicated on the boring log.

**TOTAL BILL OF MATERIAL**

ITEM	UNIT	TOTAL
Permanent Steel Sheet Piling	Sq. Ft.	183

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
pw:\11084EBIDINTEG\illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\2010\DRAND\GAD\sheet\201108-sht-details		CHECKED -	REVISED -
Default	PLOT DATE = Apr-20-2016 11:08:02 AM	DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**PERMANENT SHEET PILING DETAILS**  
**STRUCTURE NO. 052-1125**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	134
CONTRACT NO. 64D86				
ILLINOIS FED. AID PROJECT				

# TRAVERSABLE PIPE GRATE FOR BOX CULVERT END SECTIONS

## PIPE-GRATE SCHEDULE FOR BOX CULVERT END SECTIONS

Station Location	Remarks	Precast Box Culvert Dimensions			Slope of End Section					
					1:3			1:4		
		S (ft)	R (ft)	T <sub>f</sub> (in)	Main Pipe No. / Length	Bottom Support No. / Length	Total Length of Pipe	Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe
LT 51+25	2 End Sections	7	4	8	---	---	---	4 @ 20'-0"	4 @ 6'-7"	106'-4"
RT 51+25	Drop Box No. 1	7	4	8	SEE "BOX CULVERT END SECTION WITH DROP BOX" DETAIL					198'-0"
LT 53+51.06	1 End Sections				---	---	---	1 @ 12'-11"	---	12'-11"
RT 53+51.06	1 End Sections				---	---	---	1 @ 12'-11"	---	12'-11"
LT 217+41.08	2 End Sections	8	3	8	6 @ 12'-1"	N/A	72'-6"	---	---	---
RT 217+41.08	2 End Sections	8	3	8	6 @ 12'-1"	N/A	72'-6"	---	---	---
LT 231+22.22	1' Clr. Min.	12	3	12	4 @ 8'-4"	1 @ 11'-7"	44'-11"	---	---	---
RT 231+22.22	1' Clr. Min.	12	3	12	4 @ 7'-9"	1 @ 11'-7"	42'-7"	---	---	---
LT 250+34	2 End Sections	9	7	9	---	---	---	6 @ 32'-8"	8 @ 8'-7"	264'-8"
RT 250+34	2 End Sections	9	7	9	---	---	---	6 @ 32'-8"	8 @ 8'-7"	264'-8"

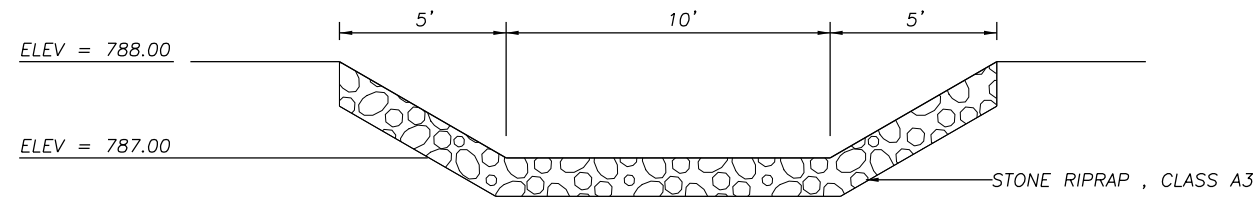
SUB-TOTAL = 232'-6"

SUB-TOTAL = 859'-6"

GRAND TOTAL = 1,092'-0"

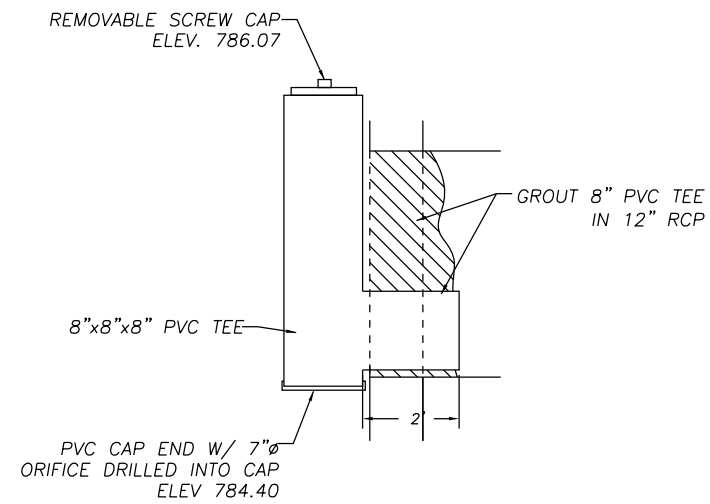
### GENERAL NOTES

- 1). For layout of traversable pipe grate system, see Highway Standard 542311.
- 2). Quantity of pipes shown does consider multiple end section locations.



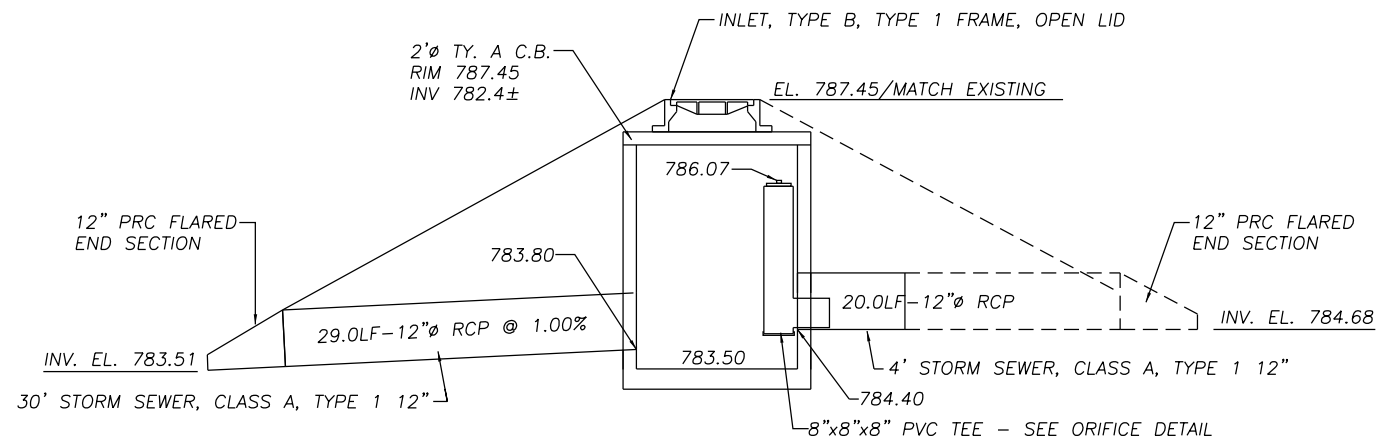
**EMERGENCY OVERFLOW CROSS SECTION**

NEEDS TO BE REESTABLISHED.  
COST TO BE INCLUDED IN  
EARTH EXCAVATION



NOTE:  
ALL PVC PIPE AND FITTINGS SHALL BE  
SDR26 OR STRONGER. GROUT SHALL BE  
HYDRAULIC CEMENT. THIS WORK SHALL BE  
INCLUDED IN THE COST FOR INLETS, TYPE  
A, TYPE 1 FRAME, OPEN LID.

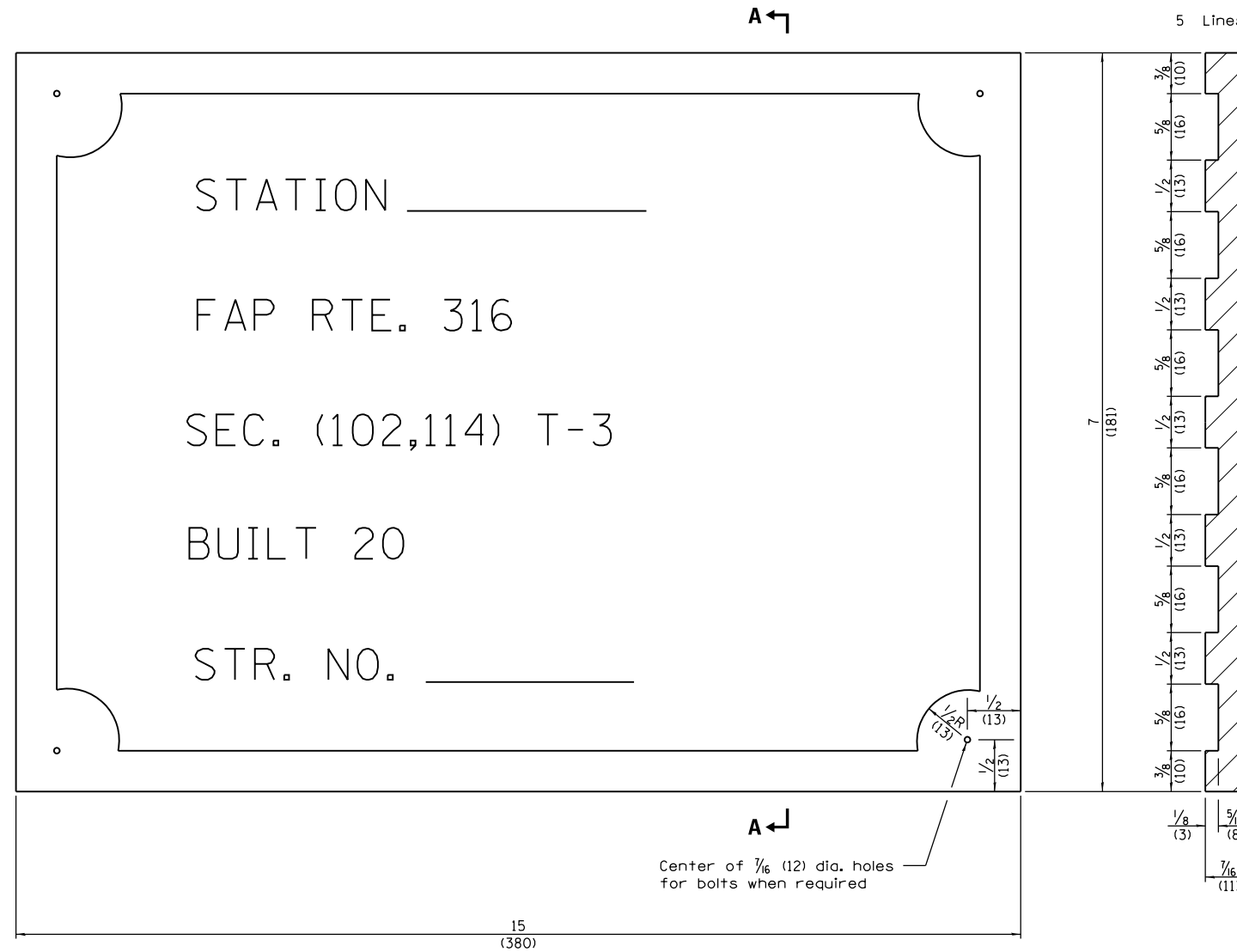
**ORIFICE DETAIL**



**DETENTION POND OUTLET STRUCTURE ELEV.**

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>DETENTION DETAILS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\220108\Drawings\CAD\Drawings\2201108-sht-details	10/20/16	10/20/16	10/20/16					316	(102,114)T-3	LEE	231	136
Default	PLOT SCALE = 100.0000' / 1" =	CHECKED -	REVISED -		CONTRACT NO. 64D86			ILLINOIS FED. AID PROJECT				
	PLOT DATE = Apr-20-2016 11:00:03 AM	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.	

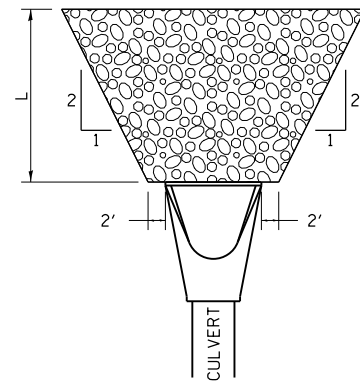
# NAME PLATE FOR CULVERTS DETAIL



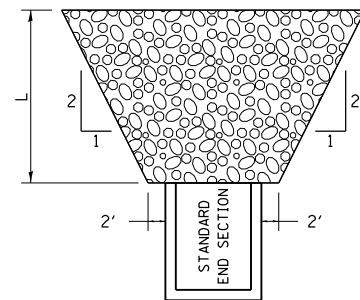
STATION	STRUCTURE NO.
51+25.00	052-1123
217+41.08	052-1125
231+22.22	052-1139
250+34.00	052-1124

SEE HIGHWAY STANDARD 515001 FOR MORE INFORMATION

# RIPRAP AT END SECTIONS



FLARED END SECTION



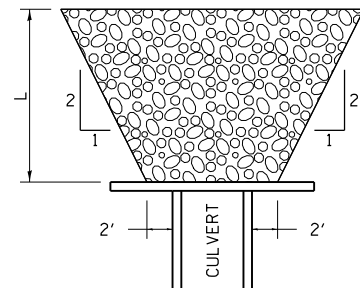
STANDARD END SECTION

REVISED - 11-12-14  
2-10-14

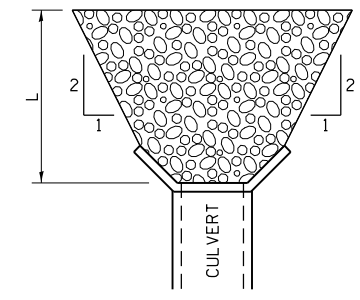
THE LENGTH OF RIPRAP (L) IS TO BE THREE (3) TIMES THE 10 YEAR CULVERT OUTLET VELOCITY, FROM THE WATERWAY INFORMATION TABLE (WIT).

IF THE CULVERT OUTLETS INTO A DEFINED CHANNEL, RIPRAP BANK TO BANK FOR LENGTH (L).

STANDARD END SECTION:  
542001 (PIPE), 542011 (ELLIPTICAL)  
DISTRICT STANDARD 10.1 (BOX).



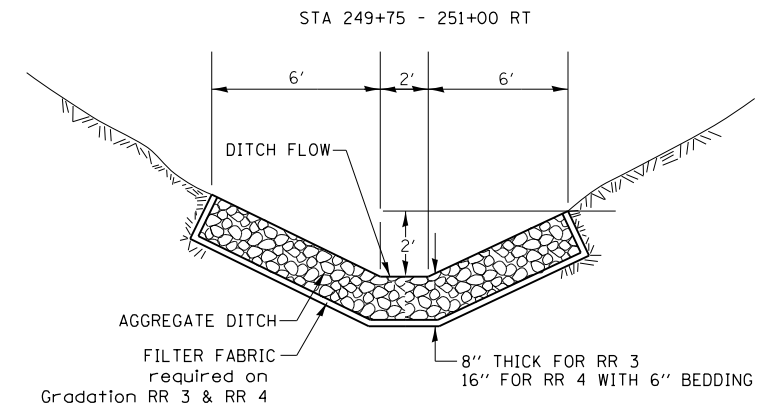
CULVERT WITH HEADWALL



CULVERT WITH WING WALLS

## RIPRAP AT END SECTIONS 19.4

# AGGREGATE DITCH FOR FLEXIBLE DITCH LINING

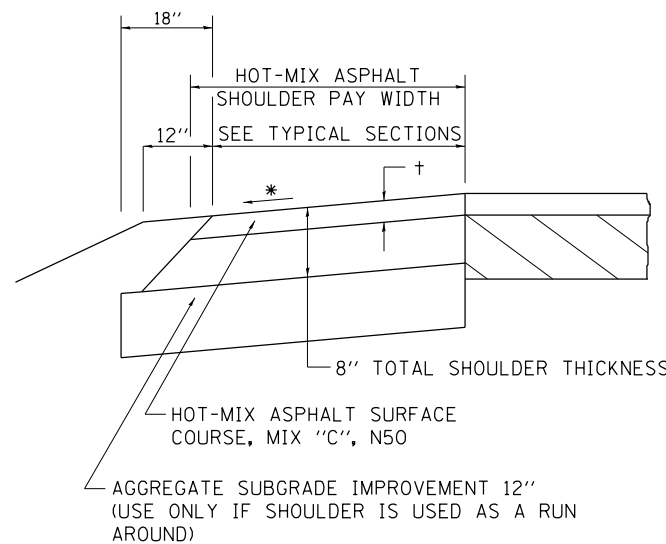


THIS WORK SHALL BE DONE IN ACCORDANCE WITH SECTION 281. AGGREGATE DITCH WILL BE MEASURED FOR PAYMENT IN PLACE AND THE AREA COMPUTED IN SQUARE YARDS OF ACTUAL SURFACE AREA. AGGREGATE DITCH WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR STONE RIPRAP CLASS A3 OR STONE RIPRAP CLASS A4 THE FILTER FABRIC SHALL BE ACCORDING TO SECTION 282. FILTER FABRIC WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD FOR FILTER FABRIC.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

## AGGREGATE DITCH FOR FLEXIBLE DITCH LINING 21.4

# HOT-MIX ASPHALT SHOULDER



### GENERAL NOTES

THE HOT-MIX ASPHALT SHOULDER SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 482 EXCEPT THE TOP LIFT SHALL BE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50. THE WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50 AND SQUARE YARD FOR HOT-MIX ASPHALT SHOULDERS OF THE THICKNESS SPECIFIED.

USE HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50. WHEN RESURFACING EXISTING HOT-MIX ASPHALT SHOULDERS, THE THICKNESS IS SHOWN ON THE TYPICAL SECTIONS. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER TON FOR HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50.

REMOVAL OF MATERIAL FOR PLACEMENT OF THE HOT-MIX ASPHALT SHOULDER TO BE PAID FOR IN UNITS FOR EXCAVATING AND GRADING EXISTING SHOULDERS OR IN CUBIC YARDS FOR EARTH EXCAVATION OR EARTH EXCAVATION WIDENING.

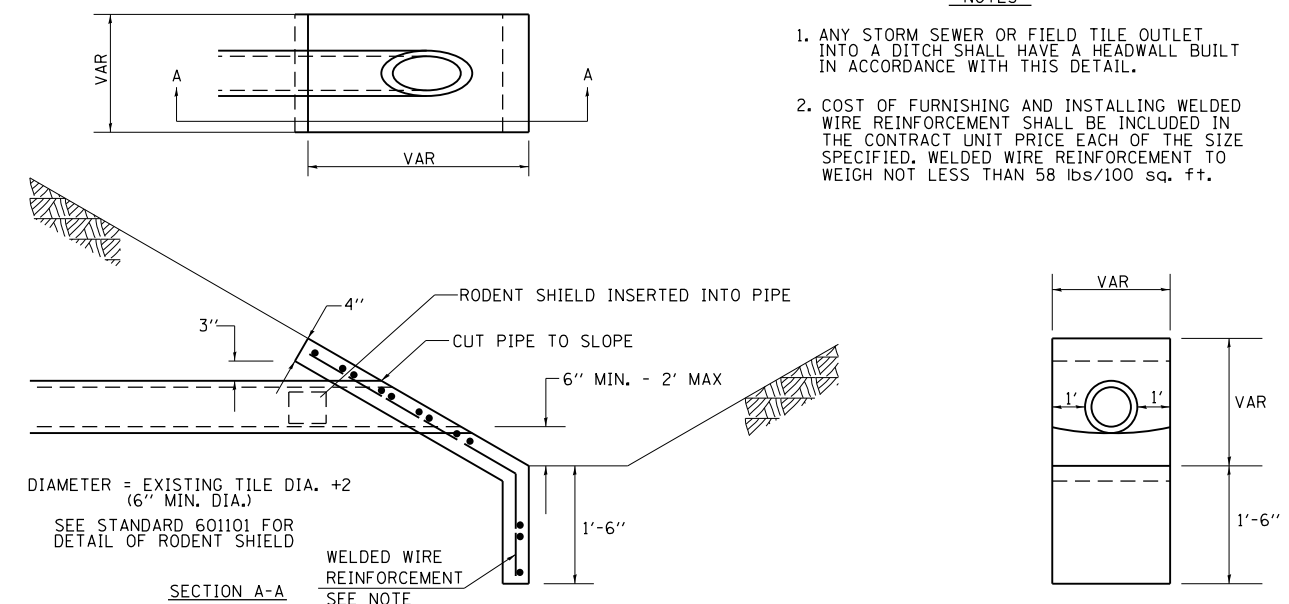
\* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

† = SEE TYPICAL SECTIONS FOR THICKNESS

REVISED - 1-05-16  
REVISED - 3-13-13

## HOT-MIX ASPHALT SHOULDER 22.4

# CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS



### NOTES

- ANY STORM SEWER OR FIELD TILE OUTLET INTO A DITCH SHALL HAVE A HEADWALL BUILT IN ACCORDANCE WITH THIS DETAIL.
- COST OF FURNISHING AND INSTALLING WELDED WIRE REINFORCEMENT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE EACH OF THE SIZE SPECIFIED. WELDED WIRE REINFORCEMENT TO WEIGH NOT LESS THAN 58 LBS/100 SQ. FT.

REVISED - 1-05-16  
REVISED - 10-09-12  
REVISED -  
REVISED -

### REGION 2 / DISTRICT 2 STANDARD

SCALE: 100.0000' / 1" SHEET NO. OF SHEETS STA. TO STA.

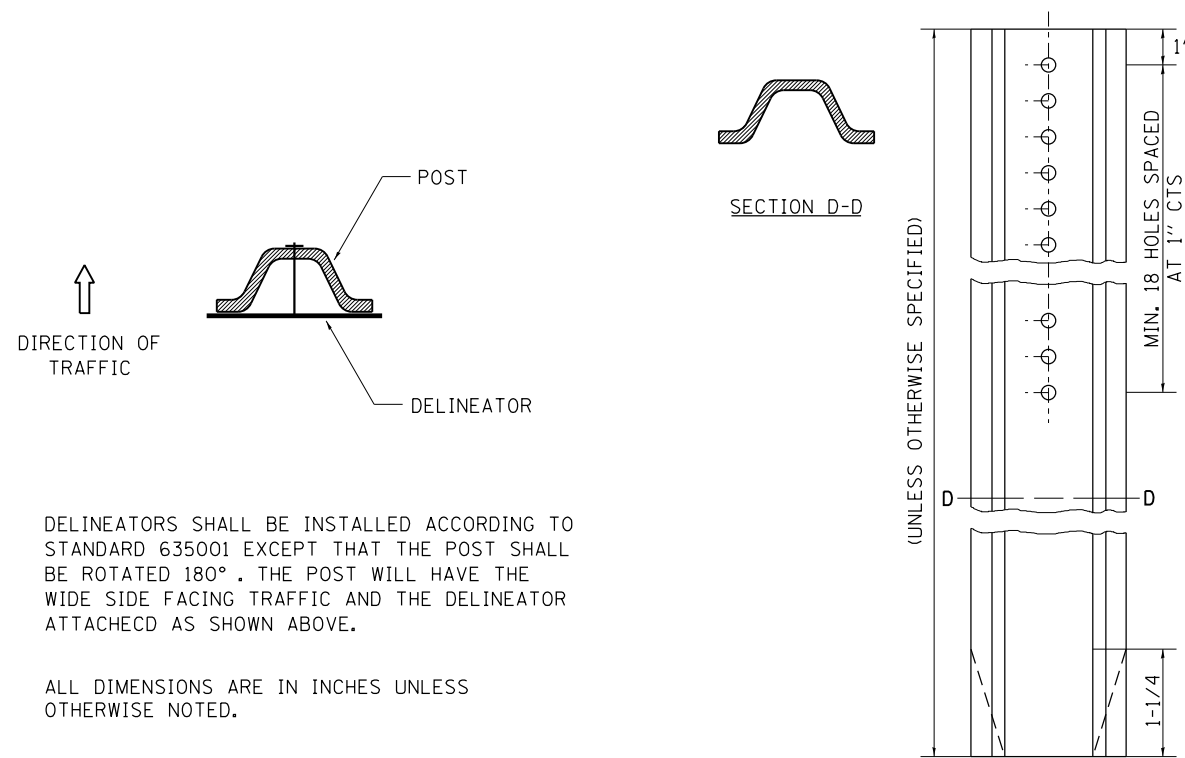
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102.114)T-3	LEE	231	138
				CONTRACT NO. 64D86

FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT

## CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 28.4

PLOT DATE = Apr-20-2016 11:08:04 AM

# DELINEATOR AND POST ORIENTATION



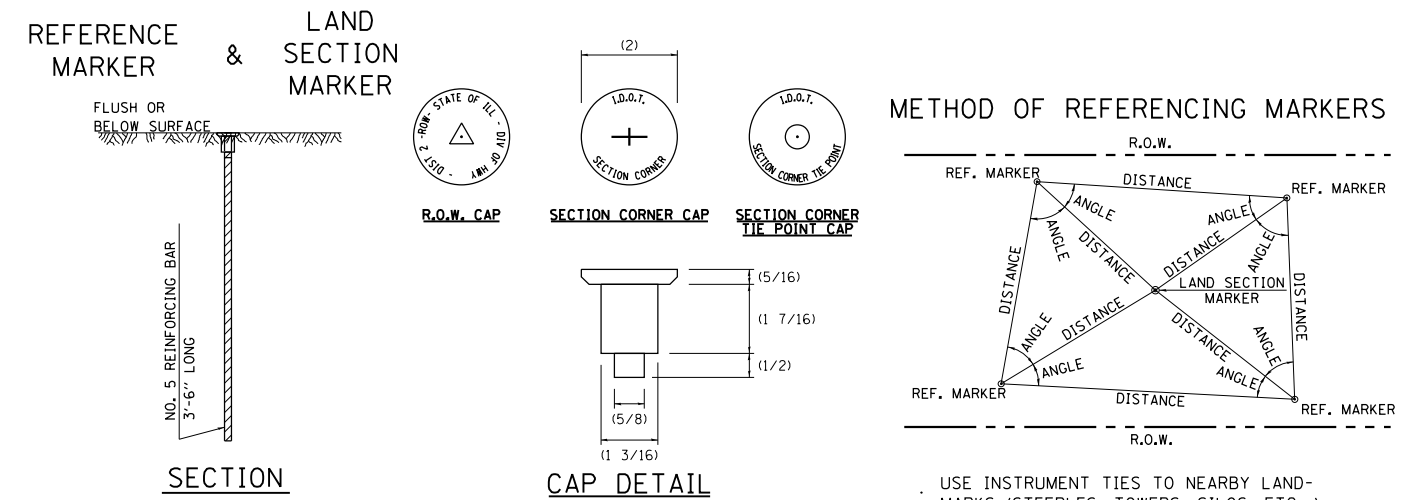
DELINEATORS SHALL BE INSTALLED ACCORDING TO STANDARD 635001 EXCEPT THAT THE POST SHALL BE ROTATED 180°. THE POST WILL HAVE THE WIDE SIDE FACING TRAFFIC AND THE DELINEATOR ATTACHED AS SHOWN ABOVE.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISED - 10-03-11

**DELINEATOR AND POST ORIENTATION 37.4**

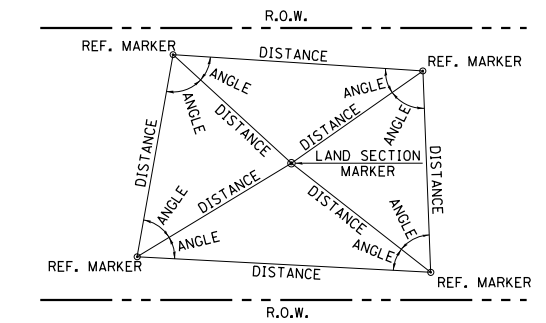
# LAND SECTION & REFERENCE MARKERS



**METHOD OF REFERENCING POINTS**  
 REFERENCE MARKERS SHALL BE USED TO TIE IN PERMANENT LAND SECTION AND 1/4 SECTION CORNERS. WHERE LAND SECTION MARKERS FALL IN THE SHOULDERS OR GRAVEL SURFACES, THE TOP OF THE BAR SHALL BE KEPT 3" BELOW THE SURFACE. LAND SECTION MARKERS LOCATED IN TRAFFIC LANES SHALL BE REPLACED BY CORE DRILL AND RESETTING PIN.  
 ALUMINUM CAPS SHALL BE PLACED ON TOP OF THE REINFORCEMENT BAR. THERE ARE 3 TYPES OF CAPS, ONE FOR THE RIGHT-OF-WAY CORNERS, ONE FOR THE SECTION CORNERS AND ONE FOR THE SECTION CORNER TIE POINTS. THE CAPS WILL BE SUPPLIED BY THE SURVEYOR WHO IS RESPONSIBLE FOR MONUMENTING CORNERS.

REVISED - 3-05-10

## METHOD OF REFERENCING MARKERS

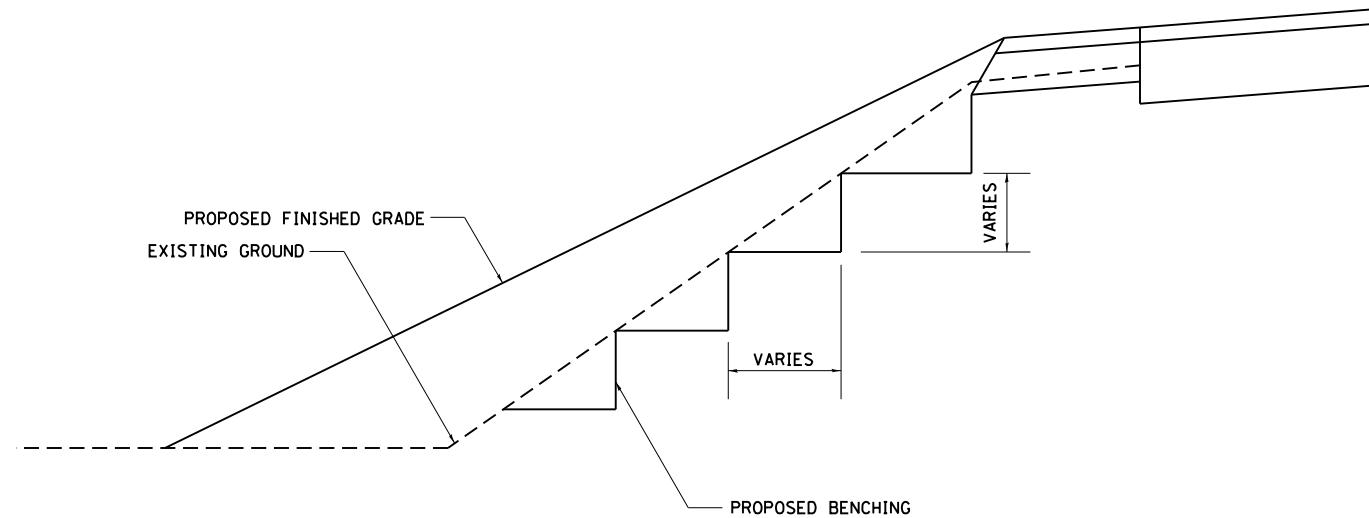


- USE INSTRUMENT TIES TO NEARBY LAND-MARKS (STEEPLES, TOWERS, SILOS, ETC...)
- IN CULTIVATED FIELDS, SET 28" OR MORE BELOW GROUND SURFACE.
- IN FENCE LINE OR PROTECTED AREA SET TOP AT GROUND LEVEL SO AS NOT TO BE DISTURBED BY MOWING.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

**LAND SECTION & REFERENCE MARKERS 63.4**

# TYPICAL BENCHING ON EXISTING EMBANKMENT

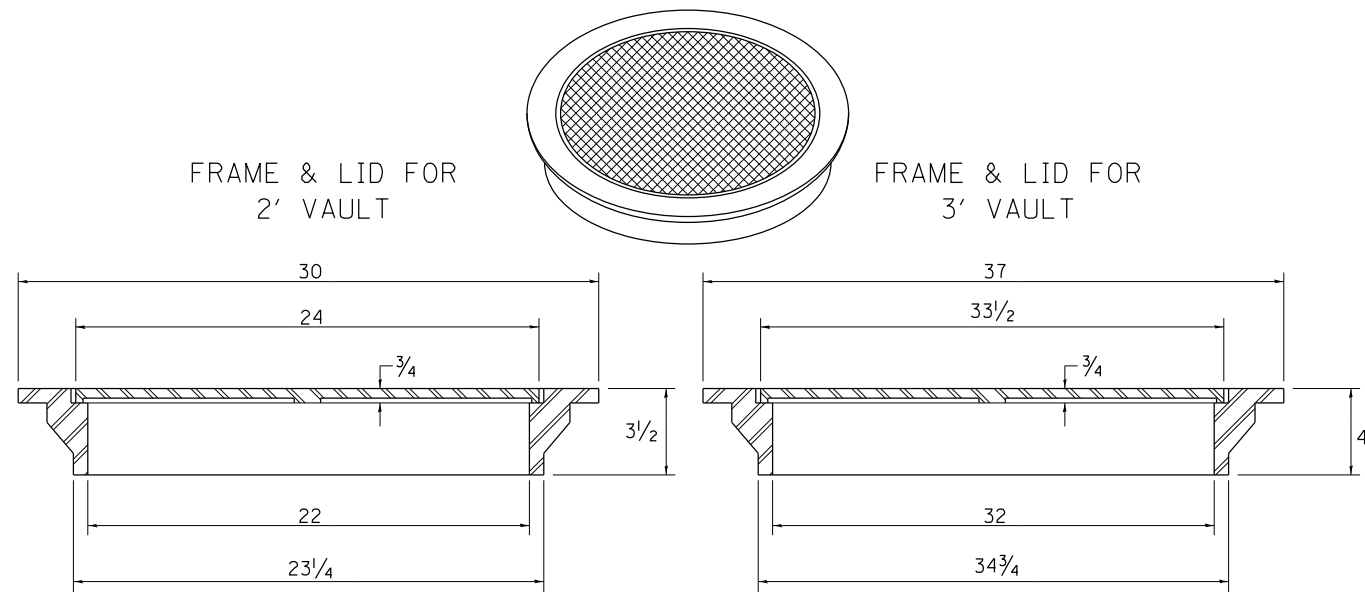


REVISED - 2-22-06

**TYPICAL BENCHING ON EXISTING EMBANKMENT 50.4**

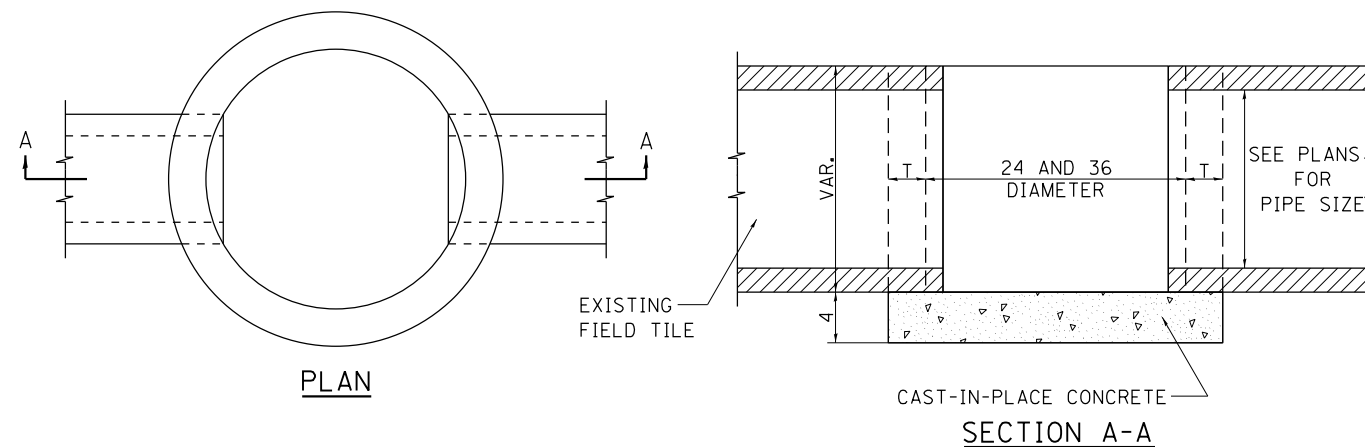
REVISED -	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
REVISED -		316	(102,114)T-3	LEE	231	139	
REVISED -		CONTRACT NO. 64D86					
REVISED -		SCALE: 100.0000' / 1" = 100'	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT
REVISED -							

# FIELD TILE JUNCTION VAULTS 2' AND 3' DIA.



TOTAL WEIGHT: 146 LBS.

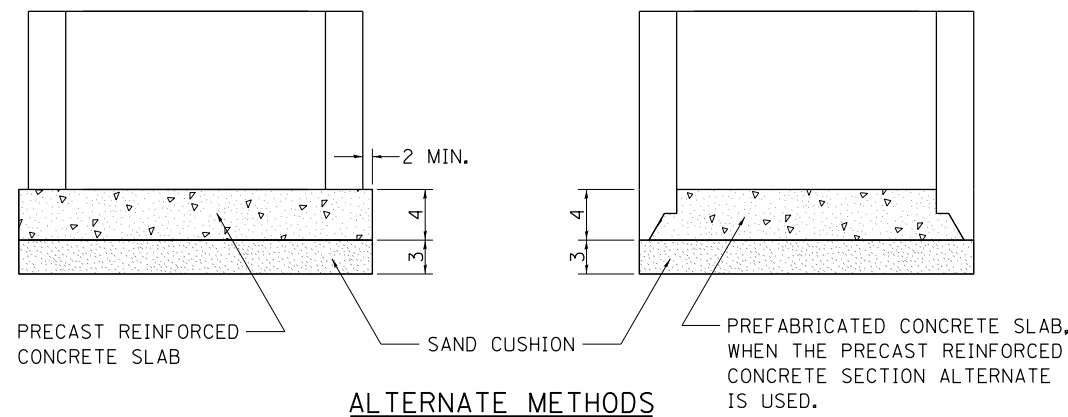
TOTAL WEIGHT: 280 LBS.



ALTERNATE MATERIALS FOR WALLS	T
BRICK MASONRY	8
CAST-IN-PLACE CONCRETE	6
CONCRETE MASONRY UNIT	5
PRECAST REINFORCED CONCRETE SECTION	3

NOTE: THE FRAME AND LID IS REQUIRED ON ALL JUNCTION VAULTS.

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.



ALTERNATE METHODS

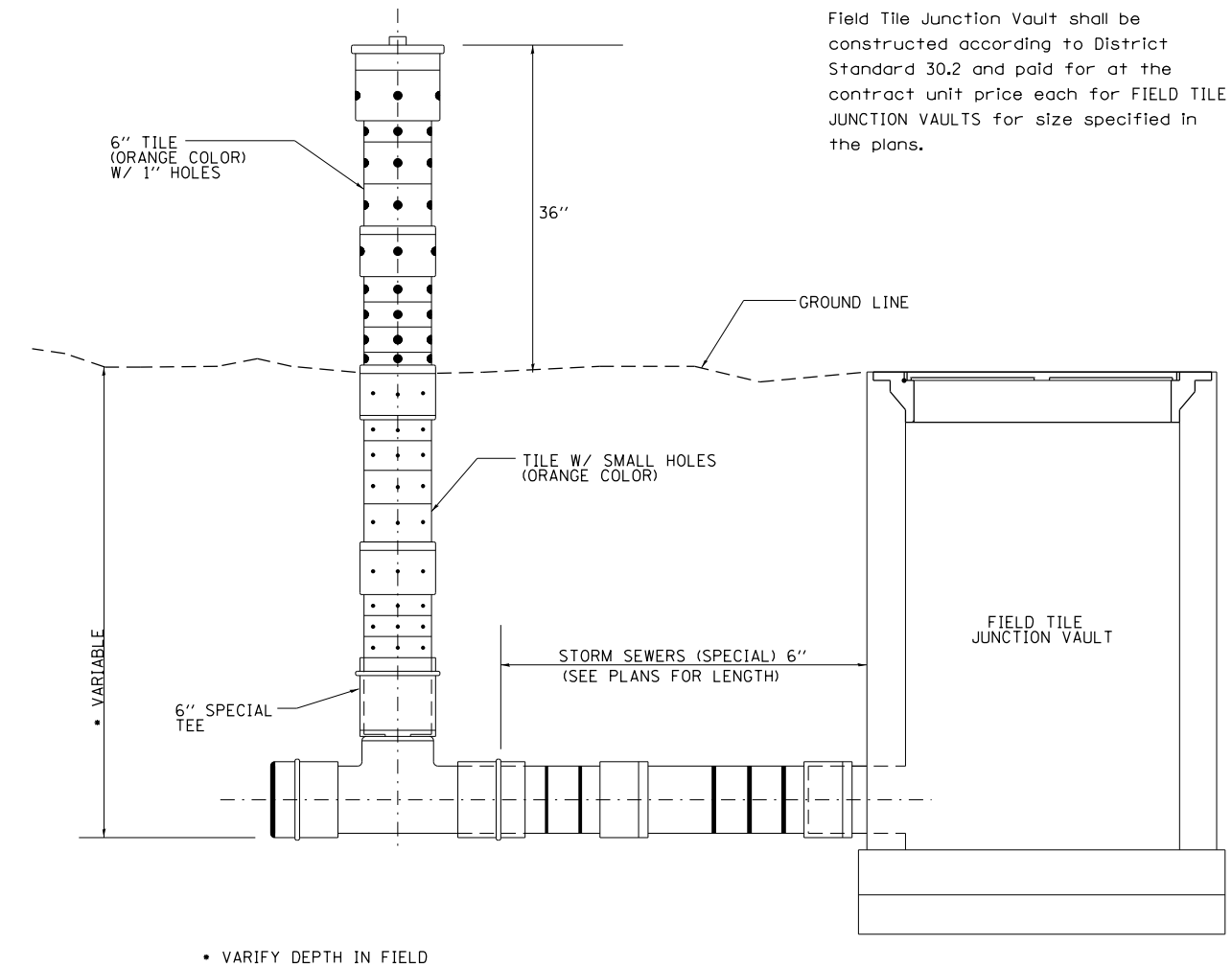
# INLET STAND PIPE

## Inlet Stand Pipe

Inlet Stand Pipe shall be included in the contract unit price per FOOT for STORM SEWERS (SPECIAL) 6". Which shall include the following items--one 36" above ground section with 1" holes, one variable depth below ground section with small holes, one 6" tee section, collars (if needed) and end caps (if needed) as directed by the engineer.

Storm Sewer shall be paid for at the contract unit price per foot for STORM SEWERS (SPECIAL) 6". According to Article 611.04.

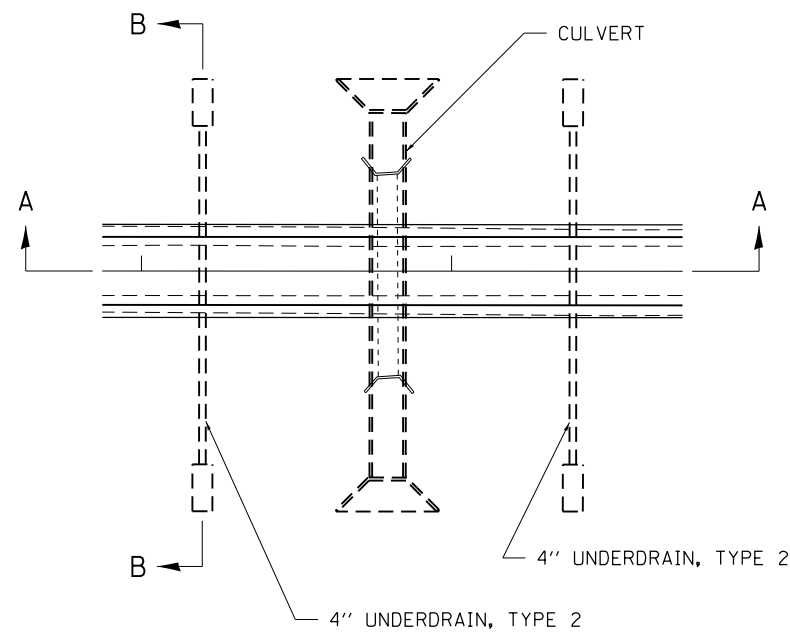
Field Tile Junction Vault shall be constructed according to District Standard 30.2 and paid for at the contract unit price each for FIELD TILE JUNCTION VAULTS for size specified in the plans.



REVISED 10-14-11	REGION 2 / DISTRICT 2 STANDARD		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED -			316	(102,114)T-3	LEE	231	140
REVISED -			CONTRACT NO. 64D86				
REVISED -	SCALE: 100.0000' / 1"	SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			



# UNDERDRAIN FOR ACROSS ROAD (AR) CULVERTS



### NOTES:

IN SAG CONDITIONS INSTALL PIPE UNDERDRAINS, TYPE 2, ON BOTH SIDES OF CULVERT.

ON HIGHWAY GRADES GREATER THAN 2% INSTALL PIPE UNDERDRAINS, TYPE 2, ON THE HIGH SIDE OF THE CULVERT.

THIS WORK SHALL BE COMPLETED ACCORDING TO SECTION 601 OF THE STANDARD SPECIFICATIONS.

THE UNDERDRAIN SHALL EXTEND UNTIL INTERSECTING WITH THE SIDE SLOPES. THE PIPES SHALL DRAIN INTO CONCRETE HEADWALLS. (SEE ARTICLE 601.05 OF THE STANDARD SPECIFICATIONS AND HIGHWAY STANDARD 601101).

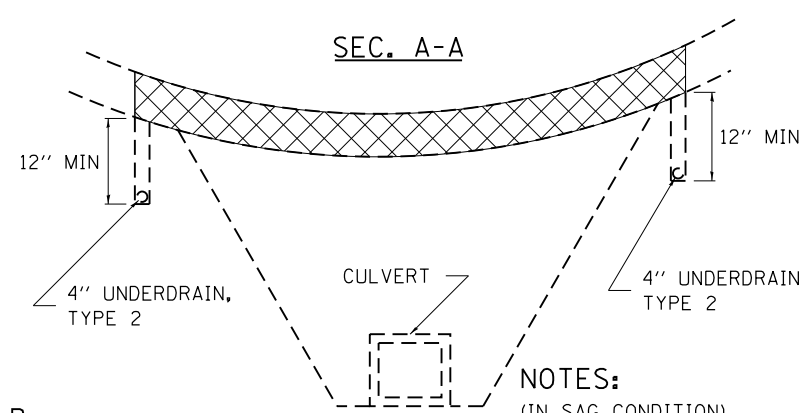
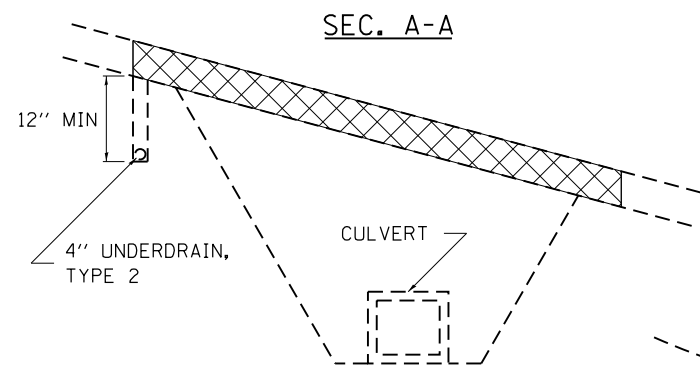
THE UNDERDRAIN SHALL BE A MINIMUM OF 12" BELOW THE EXISTING PAVEMENT.

THE TRENCH SHALL BE WRAPPED USING A FABRIC ENVELOPE MEETING THE REQUIREMENTS OF ARTICLE 1080.05 OF THE STANDARD SPECIFICATIONS. FABRIC ENCASING THE PIPE SHALL BE ELIMINATED.

PIPE UNDERDRAINS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR PIPE UNDERDRAINS, TYPE 2, 4".

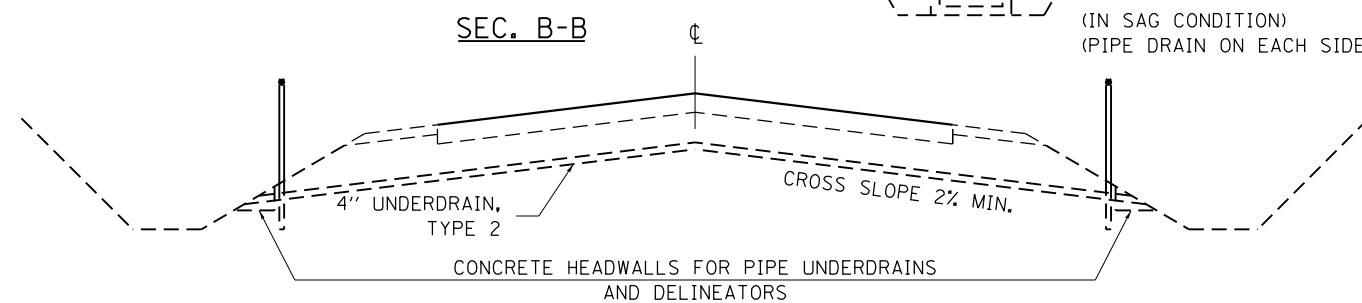
CONCRETE HEADWALLS WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR CONCRETE HEADWALLS FOR PIPE UNDERDRAINS.

A DELINEATOR SHALL BE PLACED AT EACH CONCRETE HEADWALL. THESE BE PAID FOR AT THE CONTRACT UNIT PRICE PER EACH FOR DELINEATORS.



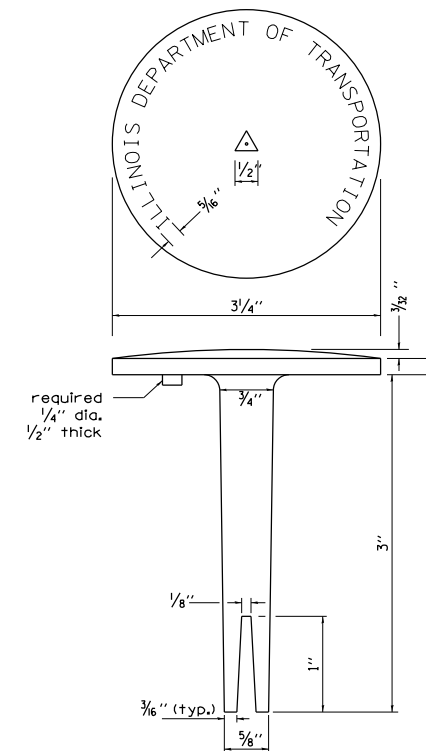
NOTES:  
(HIGHWAY GRADE GREATER THAN 2%)

NOTES:  
(IN SAG CONDITION)  
(PIPE DRAIN ON EACH SIDE)

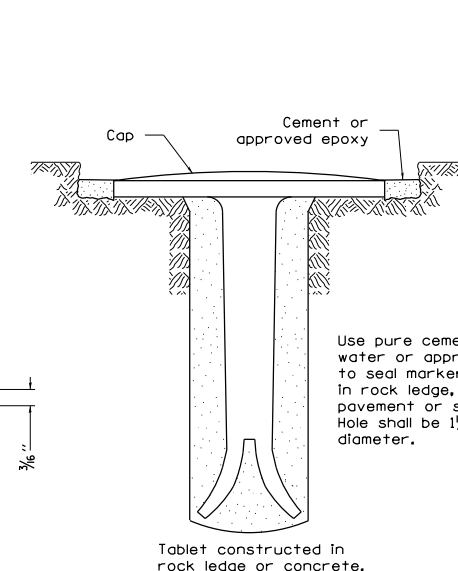


REVISED - 1-05-16  
REVISED - 6-27-14  
7-05-12

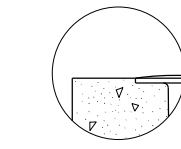
# PERMANENT SURVEY MARKERS, TYPE II



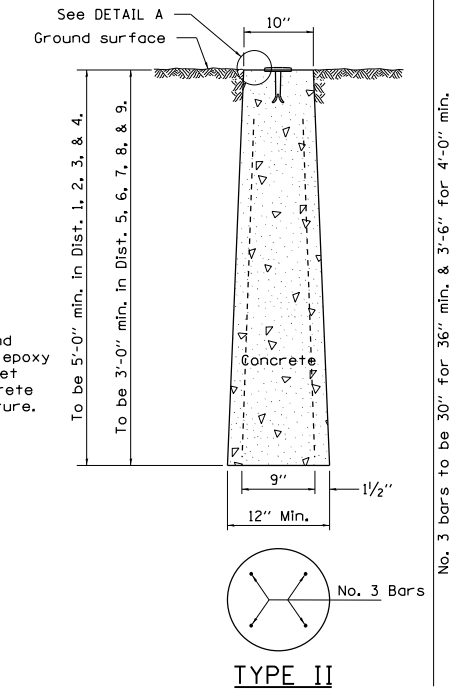
BRASS OR ALUMINUM TABLE



TYPE II



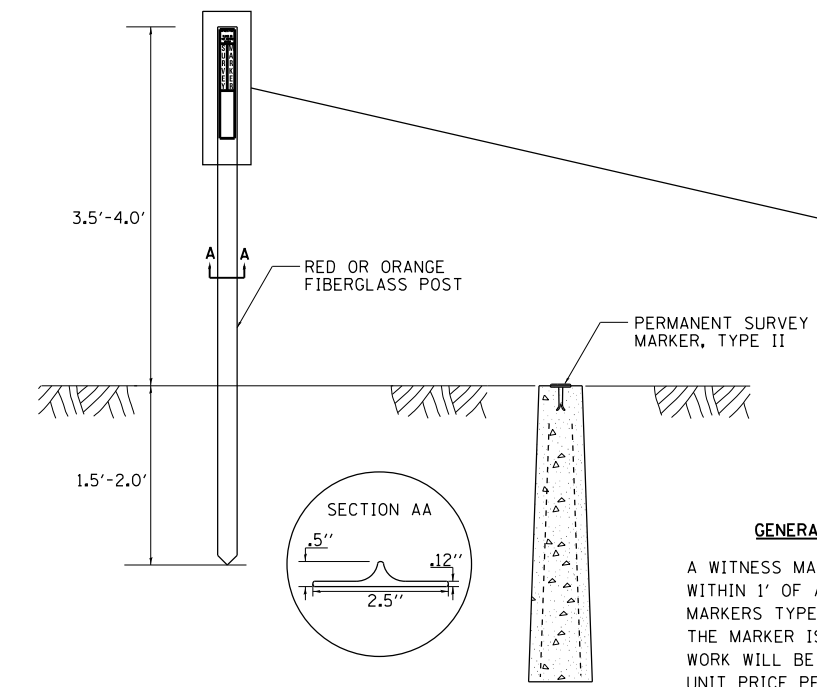
DETAIL A



CAST-IN-PLACE MARKER

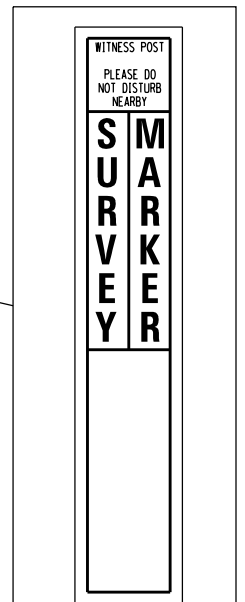
ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

# WITNESS MARKER FOR PERMANENT SURVEY MARKERS, TYPE II



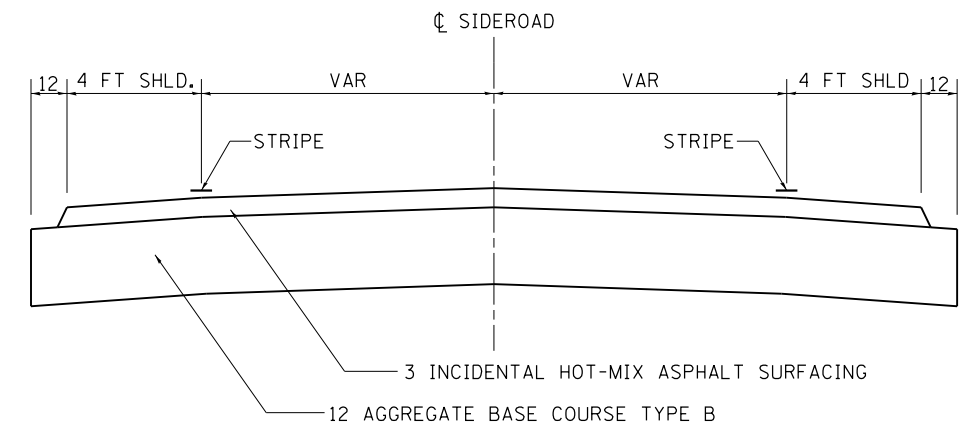
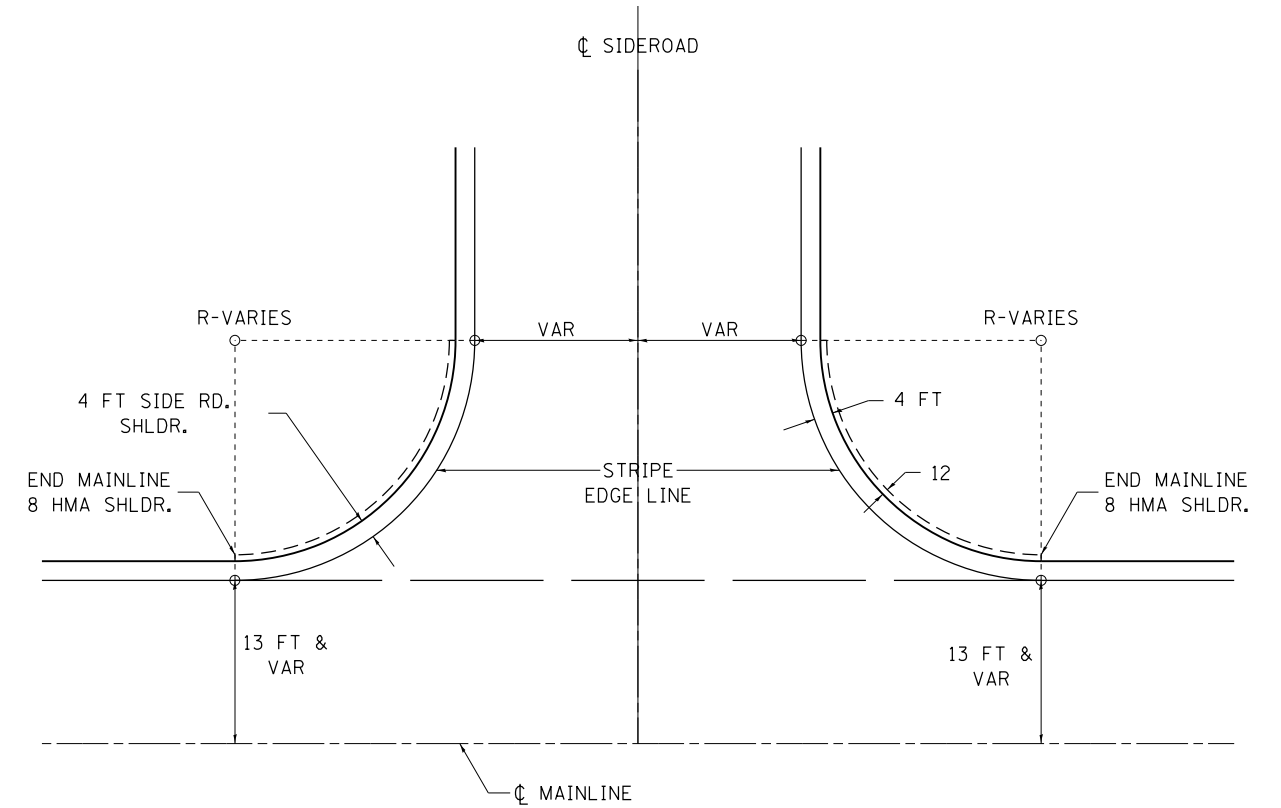
### GENERAL NOTES

A WITNESS MARKER SHALL BE INSTALLED WITHIN 1' OF ALL PERMANENT SURVEY MARKERS TYPE II EXCEPT IN AREAS WHERE THE MARKER IS IN THE SIDEWALK. THIS WORK WILL BE INCLUDED TO THE CONTRACT UNIT PRICE PER EACH FOR PERMANENT SURVEY MARKERS, TYPE II.



REVISED - 1-05-14	REGION 2 / DISTRICT 2 STANDARD	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVISED - 1-05-11		316	(102,114)T-3	LEE	231	141
REVISED -					CONTRACT NO. 64D86	
REVISED -		SCALE: 100.0000' / 1"	SHEET NO.	OF	SHEETS	STA.

# TYPICAL AGGREGATE BASE SIDEROAD



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

REVISION	REVISION	REGION 2 / DISTRICT 2 STANDARD		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
REVIS	14-11			316	(102,114)T-3	LEE	231	142
REVIS	-			CONTRACT NO. 64D86				
REVIS	-	SCALE: 100.0000' / 1" SHEET NO. OF SHEETS STA. TO STA.		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				
REVIS	-							

# BOX CULVERT END SECTIONS

## GENERAL NOTES

Box Culvert End Sections shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. This work will be measured for payment as each, with each end of each culvert being one each. End sections will be paid for at the contract unit price per each for Box Culvert End Sections of the culvert number specified.

Typical box section dimensions, materials, and reinforcement details for Box Culvert End Sections shall be according to the requirements of ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

Number of segments shown in Side Elevation is for example only. Length and number of precast box sections required to construct Box Culvert End Sections shall be determined by the Contractor.

••See roadway plans for embankment slope (V:H). The Slope Must Match.

1"  $\emptyset$  anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable.  $2\frac{1}{4}$ " x  $2\frac{1}{4}$ " x  $\frac{5}{16}$ " plate washers shall be provided under each nut required for the anchor rods. Anchor rods connecting precast sections shall be brought to a snug tight condition followed by an additional  $\frac{1}{2}$  turn on one of the nuts. Match marks shall be provided on the bolt and nut to verify relative rotation between the bolt and the nut. Holes in the walls for the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

All costs associated with furnishing and installing or constructing the geotextile fabric, toewall, and culvert ties will not be measured for payment but shall be included in the contract unit price for Box Culvert End Sections of the culvert number specified.

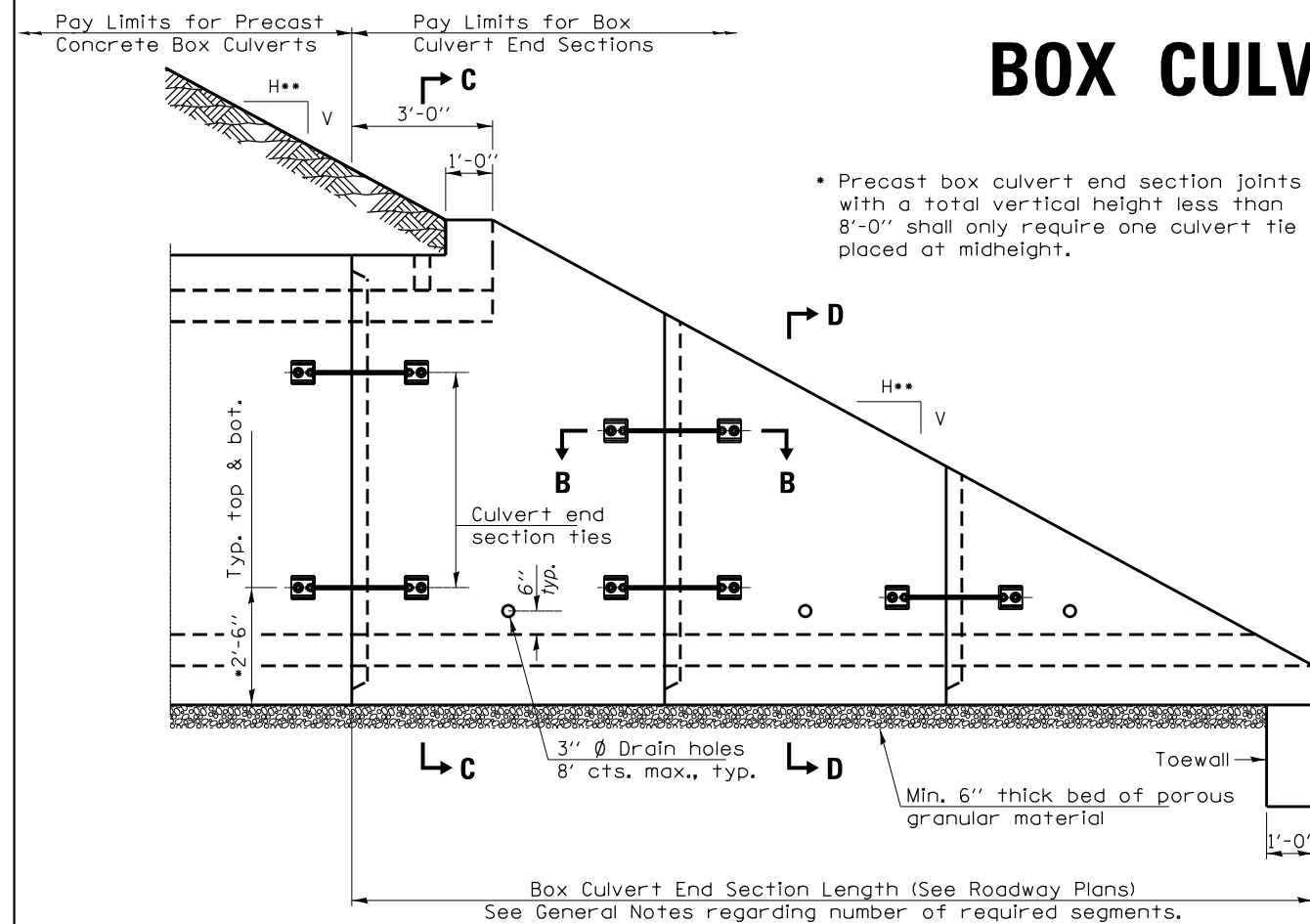
Reinforcement bars designated (E) shall be epoxy coated.

Drain holes shall conform to the requirements of Article 503.11 of the Standard Specifications unless noted otherwise.

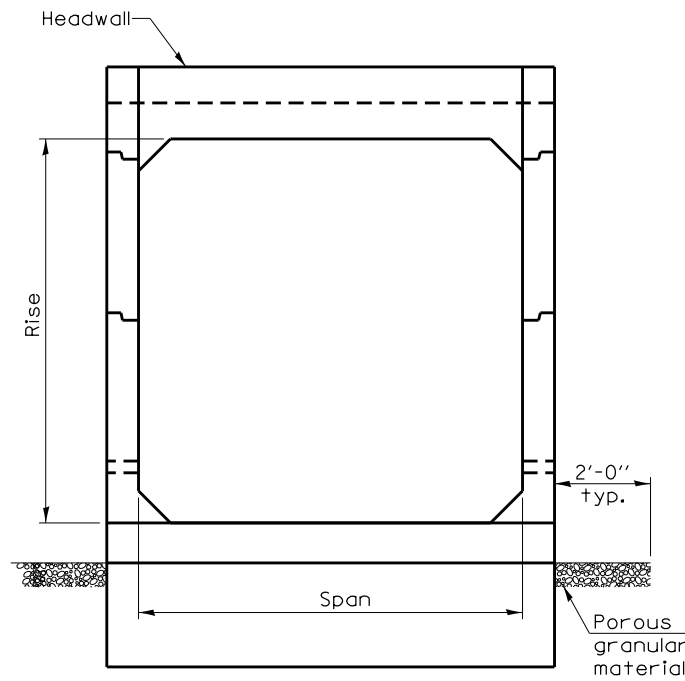
Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01. The minimum weight of the fabric shall be 6 oz. / sq. yd..

For end sections with traversable pipe grate systems, see Highway Standard 542311 for required modifications.

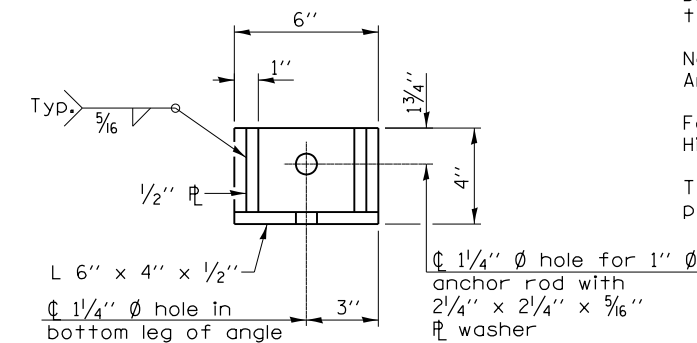
This standard can be used for either cross drainage structures or parallel drainage structures.



**ELEVATION**



**END VIEW**



**RESTRAINT ANGLE DETAIL**

12" x 12" block of CA5, CA7, or CA11 coarse aggregate placed over drain opening. Block of aggregate shall be completely wrapped in nonwoven geotextile fabric.

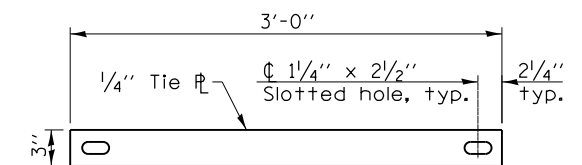
Provide a double layer of 12" x 12" nonwoven geotextile fabric centered over the drain hole. Fabric shall be sealed to the concrete with mastic.

3"  $\emptyset$  PVC drain cast with the concrete (Adjust location to clear reinforcement).

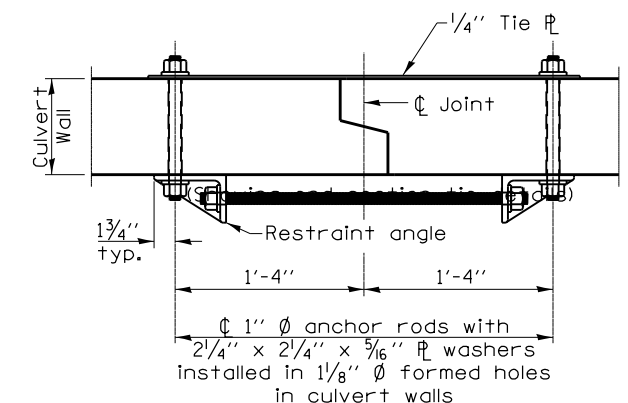
1/2" Square foam blockout around PVC drain (to be removed with formwork)

**SECTION A-A**

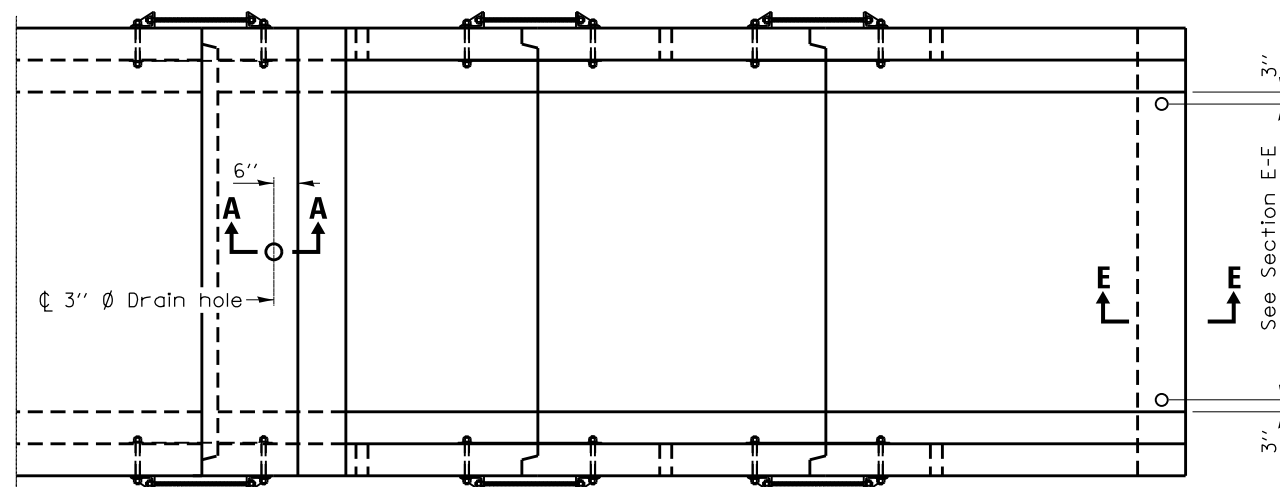
(All costs associated with furnishing and constructing the above drain details will not be measured for payment but shall be included in the contract unit price for the end section.)



**TIE PLATE DETAIL**



**SECTION B-B**



**PLAN**

FILE NAME =	USER NAME = grontpm	DESIGNED -	REVISED - 1-05-16
p:\11\084EBID\INTEG.11\inois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\220108\Drawings\CAD\Drawings\2201108-sht-details		CHECKED -	REVISED - 5-09-14
		PLOT SCALE = 100.0000' / 1"	REVISED -
		PLOT DATE = Apr-20-2016 11:08:07 AM	REVISED -

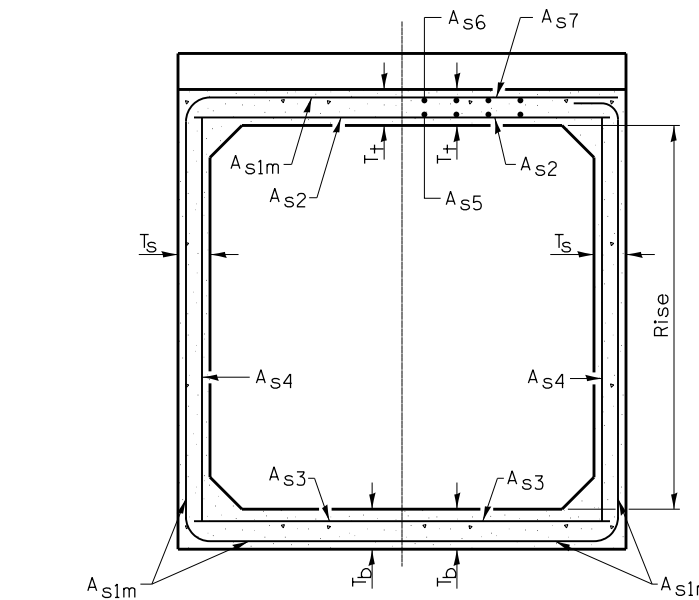
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

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

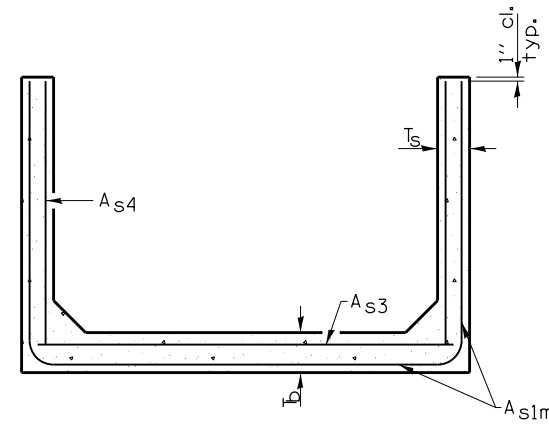
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	143
CONTRACT NO. 64D86				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# BOX CULVERT END SECTIONS

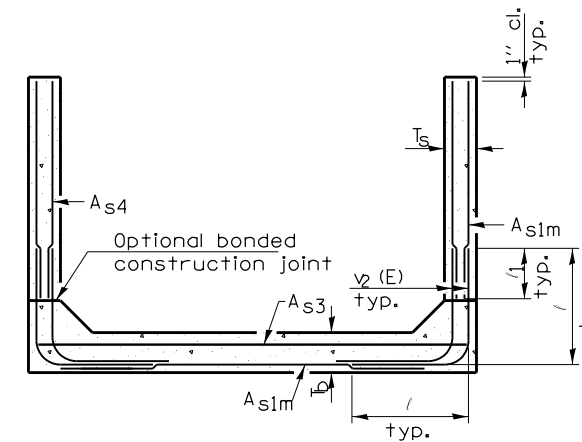


(Design Earth Cover < 2 ft.) (Design Earth Cover > 2 ft.)

**SECTION C-C**



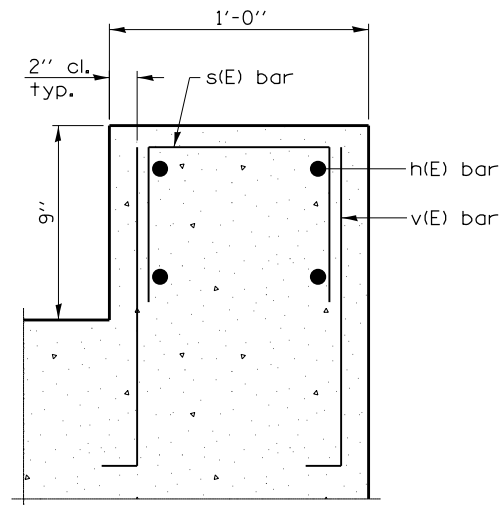
**SECTION D-D**



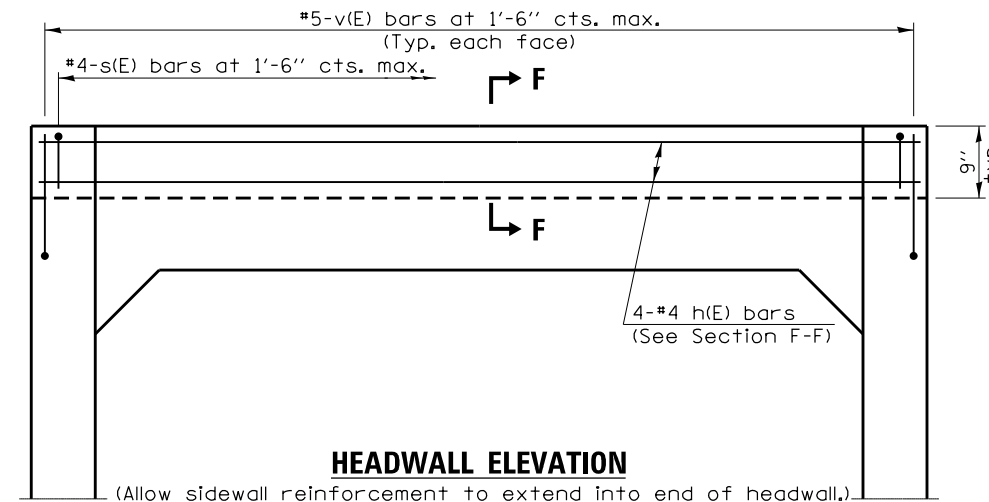
**ALTERNATE SECTION D-D**

Rise (ft.) T(in.), Ts (in.)	Reinforcing Steel $A_{s1m}$ (in. <sup>2</sup> /ft.)										
	2	3	4	5	6	7	8	9	10	11	12
4	0.19	0.17									
5	0.26	0.21	0.18								
6		0.26	0.23	0.22							
7		0.33	0.29	0.27	0.28						
8			0.43	0.39	0.36	0.34	0.40				
9				0.43	0.40	0.37	0.36	0.48			
10				0.47	0.44	0.41	0.38	0.42	0.56		
11					0.54	0.46	0.41	0.50	0.65		
12					0.58	0.50	0.45	0.46	0.75		

( $A_{s1m}$  reinforcement based upon welded wire reinforcement conforming to AASHTO M 55 or M 221).



**SECTION F-F**



**HEADWALL ELEVATION**

(Allow sidewall reinforcement to extend into end of headwall.)

**1 DIMENSION**

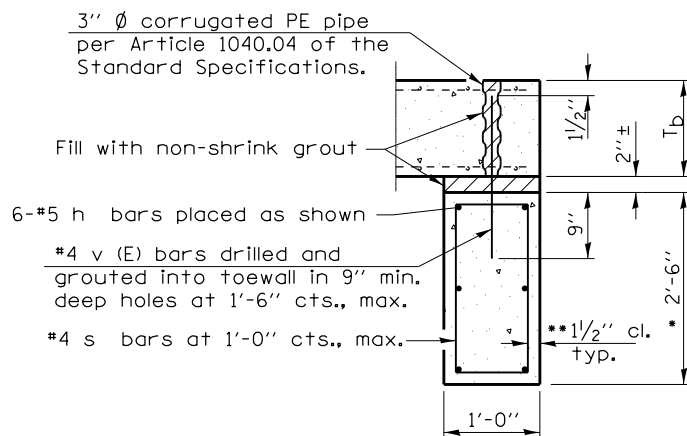
- #3 bar = 2'-0"
- #4 bar = 2'-8"
- #5 bar = 3'-4"
- #6 bar = 3'-11"

**Notes:**

Alternate Section D-D is provided to allow the Contractor the option of casting the bottom slab of the end section first followed by construction of the sidewalls using conventional forming methods. Shop drawings that detail slab thickness and reinforcement layout shall be submitted to the Engineer for review and approval when using Alternate Section D-D.

The size and spacing of the  $v_2(E)$  bars shall provide a minimum reinforcement area along each face of the walls (in.<sup>2</sup>/ft.) equal to  $1.10 \cdot (A_{s1m})$ .  $v_2(E)$  bars may consist of #3 thru #6 size reinforcement bars and the longitudinal spacing shall not exceed the lesser of the wall thickness or 8 inches.

Bonded construction joints shall be prepared according to Article 503.09 of the Standard Specifications.



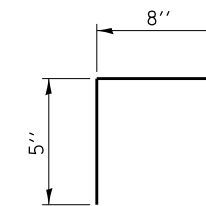
**SECTION E-E**

**TOEWALL CONSTRUCTION SEQUENCE**

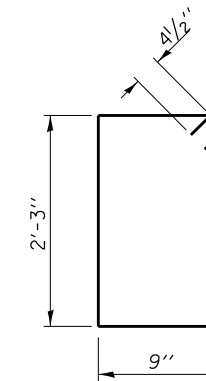
1. Perform excavation and construct toewall.
2. Backfill according to the applicable paragraphs of Article 502.10 of the Standard Specifications and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and grout reinforcement in toewall using approved chemical adhesive in accordance with Section 1027 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Article 1024.02 of the Standard Specifications.

- \* The Contractor may furnish a precast or cast-in-place toewall. The Contractor shall be responsible for the strength and stability of the precast toewall during handling. Additional lifting points may be required depending upon the length of the toewall or the Contractor may need to modify the design of the toewall for the proposed handling method.

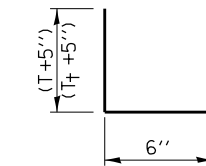
- \*\* If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.



**BAR s(E)**



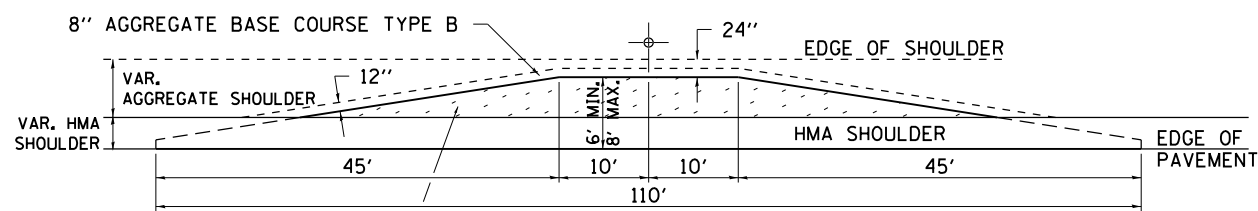
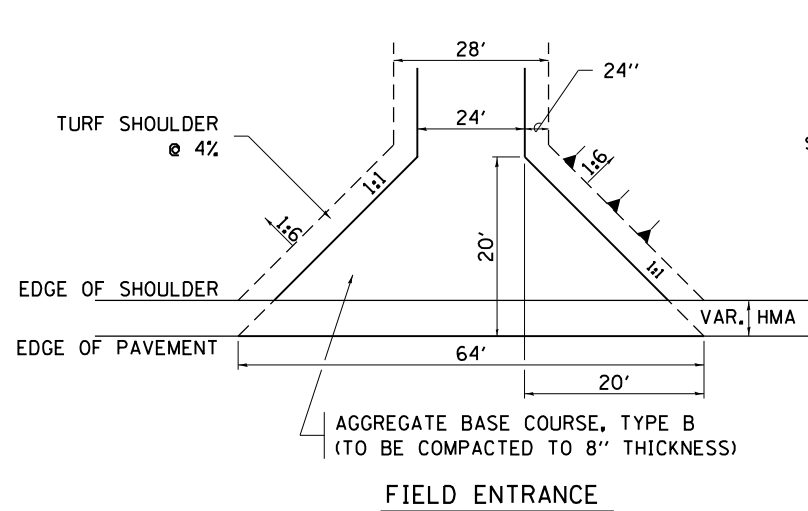
**BAR s1**



**BAR v(E)**

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 1-05-16	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\2010\DRAN\Drawings\CAD\Drawings\201108-sht-details	REVISIONS	5-09-14	316					(102,114)T-3	LEE	231	144	
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISIONS	CONTRACT NO. 64D86									
PLOT DATE = Apr-20-2016 11:08:08 AM	DATE -	REVISIONS	SCALE:		SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

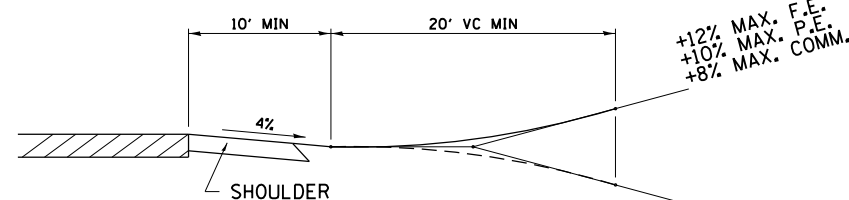
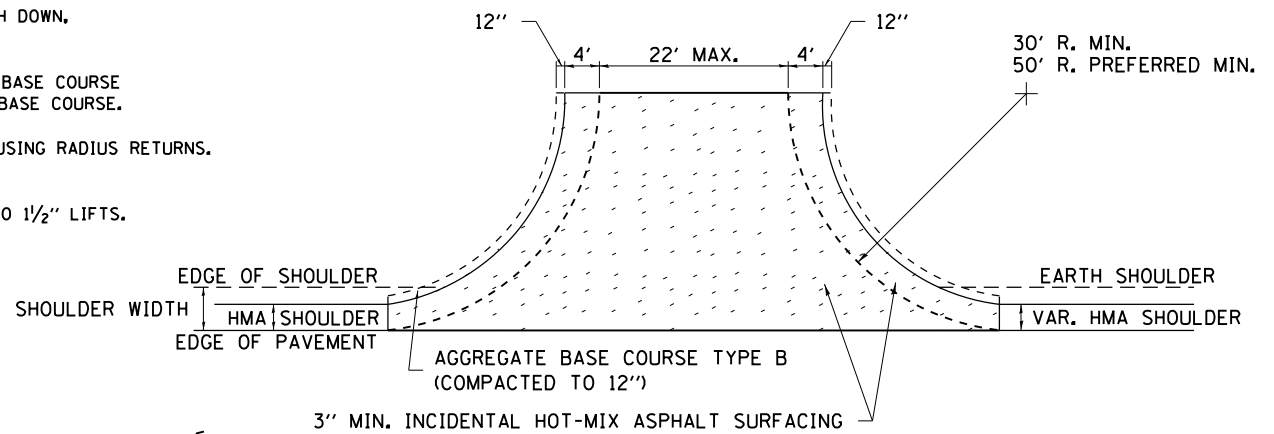
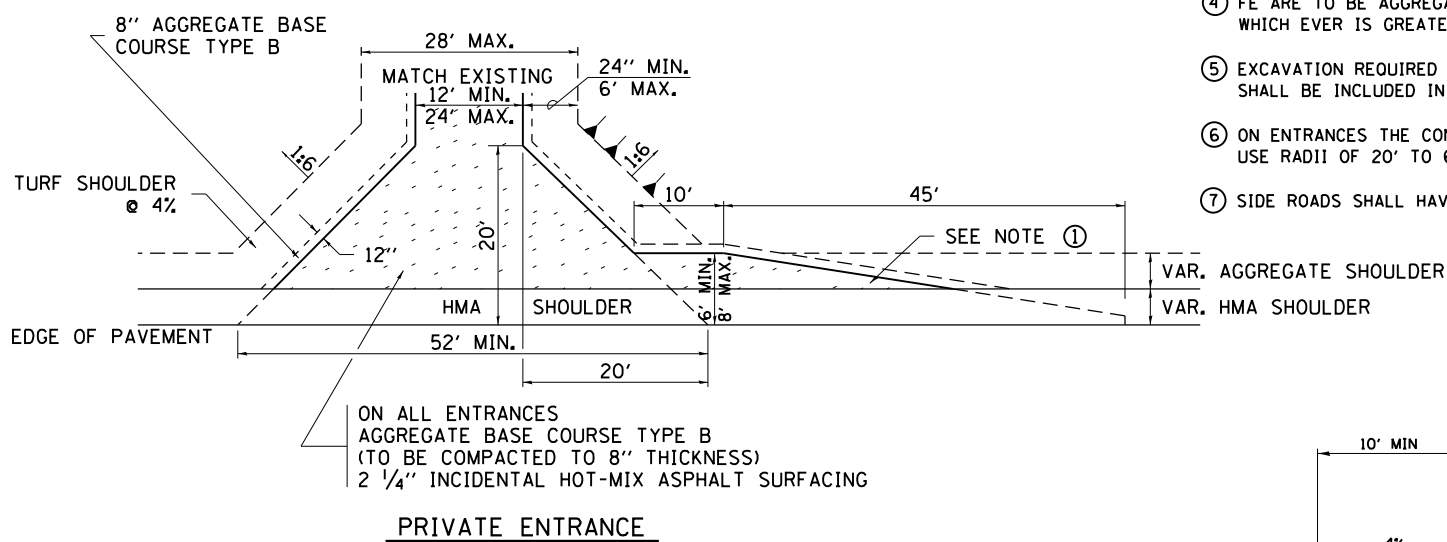
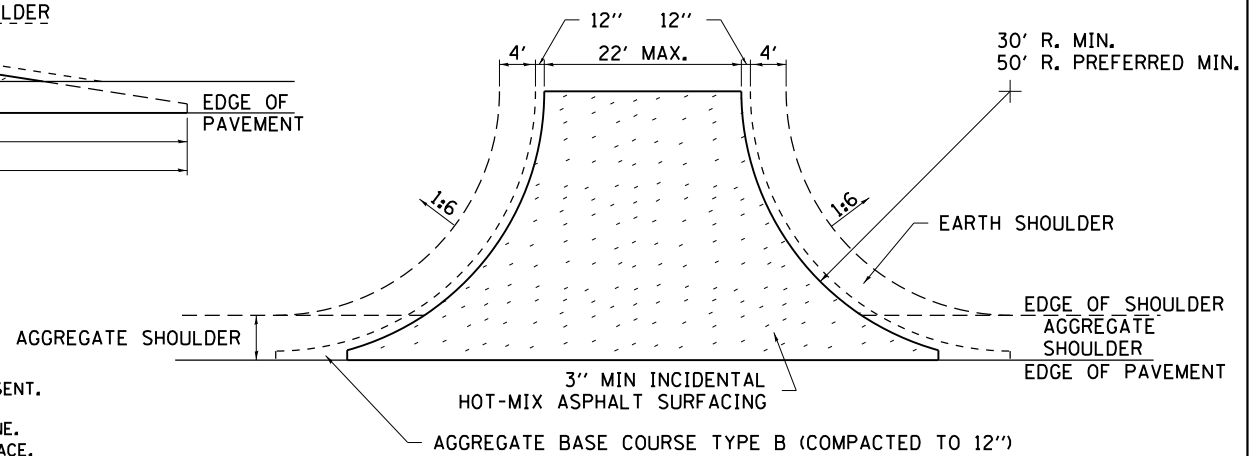
# HOT-MIX ASPHALT APPROACHES AND MAILBOX RETURNS



ON ALL ENTRANCES  
8" AGGREGATE BASE COURSE TYPE B  
2 1/4" INCIDENTAL HOT-MIX ASPHALT SURFACING

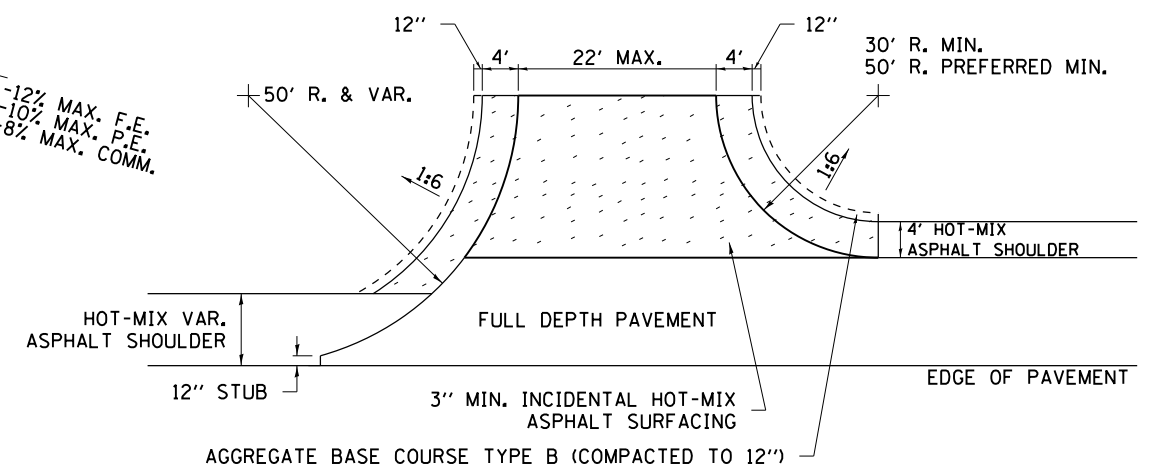
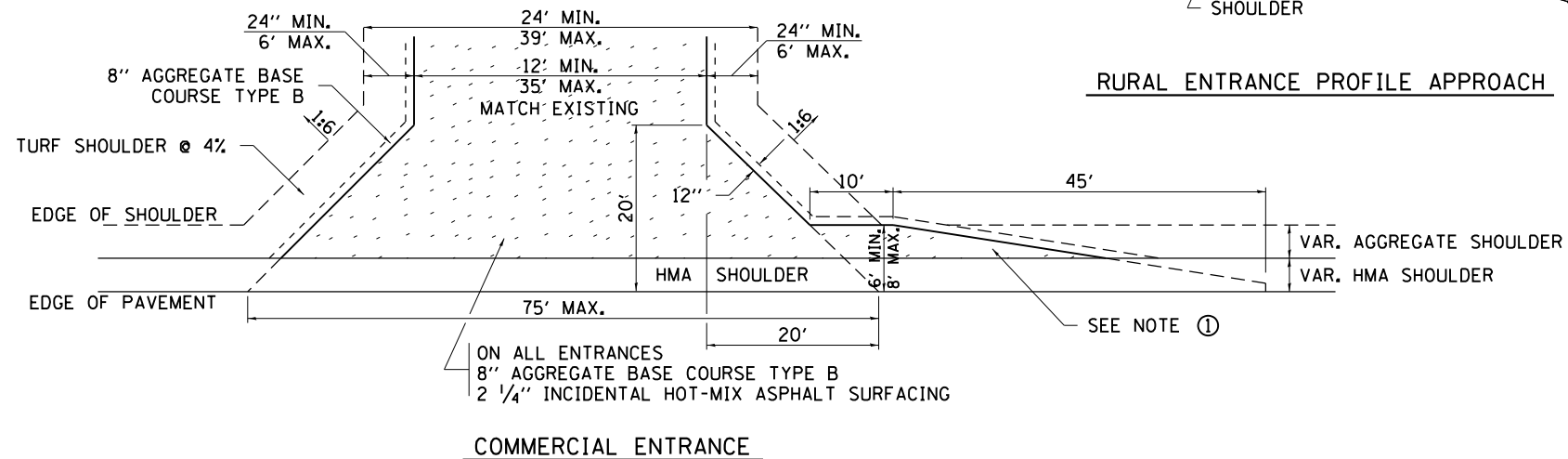
### NOTE

- TURNOUTS ARE TO BE CONSTRUCTED ON THE APPROACH SIDE OF ALL PE & CE REGARDLESS IF A MAILBOX IS PRESENT.
- ALL PE & CE ARE TO BE SURFACED TO RIGHT OF WAY LINE. AREA BEHIND RIGHT OF WAY SHALL MATCH EXISTING SURFACE.
- ALL PE & CE TO BE CONSTRUCTED WITH AN 8" AGGREGATE BASE COURSE, TYPE B AND WITH A 2 1/4" INCIDENTAL HOT-MIX ASPHALT SURFACING, UNLESS OTHERWISE NOTED.
- FE ARE TO BE AGGREGATE TO RIGHT OF WAY OR TOUCH DOWN, WHICH EVER IS GREATEST.
- EXCAVATION REQUIRED FOR PLACEMENT OF AGGREGATE BASE COURSE SHALL BE INCLUDED IN THE COST OF THE AGGREGATE BASE COURSE.
- ON ENTRANCES THE CONTRACTOR HAS THE OPTION OF USING RADIUS RETURNS. USE RADII OF 20' TO 60'.
- SIDE ROADS SHALL HAVE 3" INCIDENTAL PLACED IN TWO 1 1/2" LIFTS.



+12% MAX. F.E.  
+10% MAX. P.E.  
+8% MAX. COMM.

-12% MAX. F.E.  
-10% MAX. P.E.  
-8% MAX. COMM.



FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 6-27-14
pw\11084EBID\INTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\2010\DRAN\Drawings\CAD\Drawings\201108-sht-details		CHECKED -	REVISED - 8-27-13
		DATE -	REVISED - 12-07-10
			REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

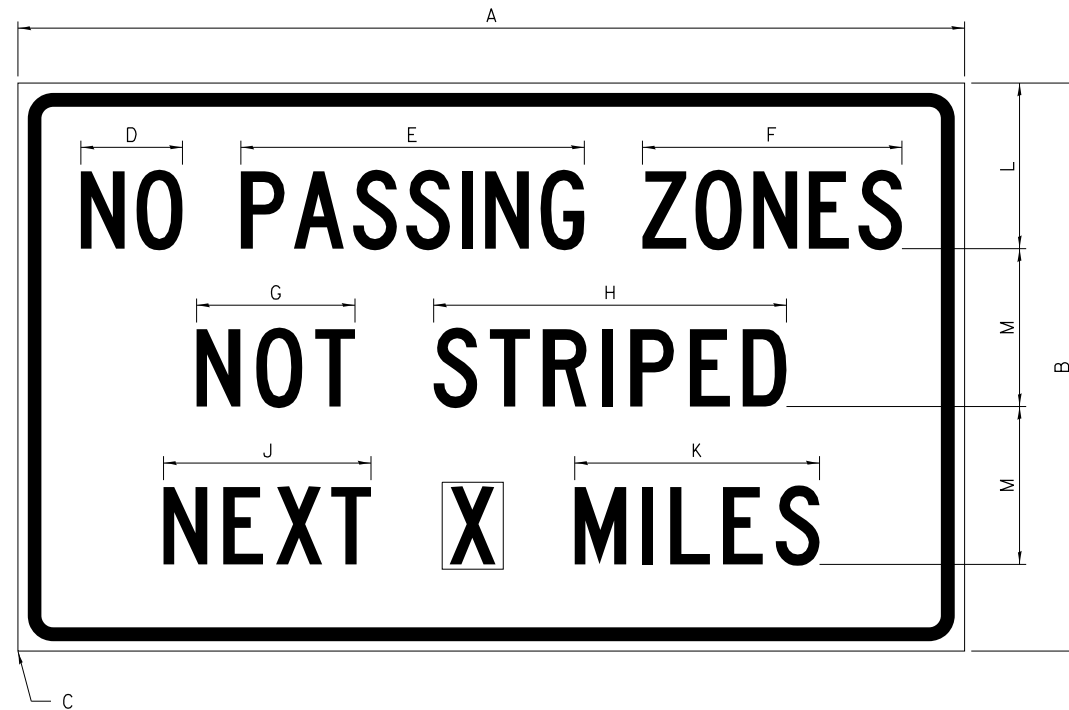
REGION 2 / DISTRICT 2 STANDARD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	145
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64D86	

# WORK ZONE SIGN DETAILS

**ILLINOIS STANDARD G20-I100**



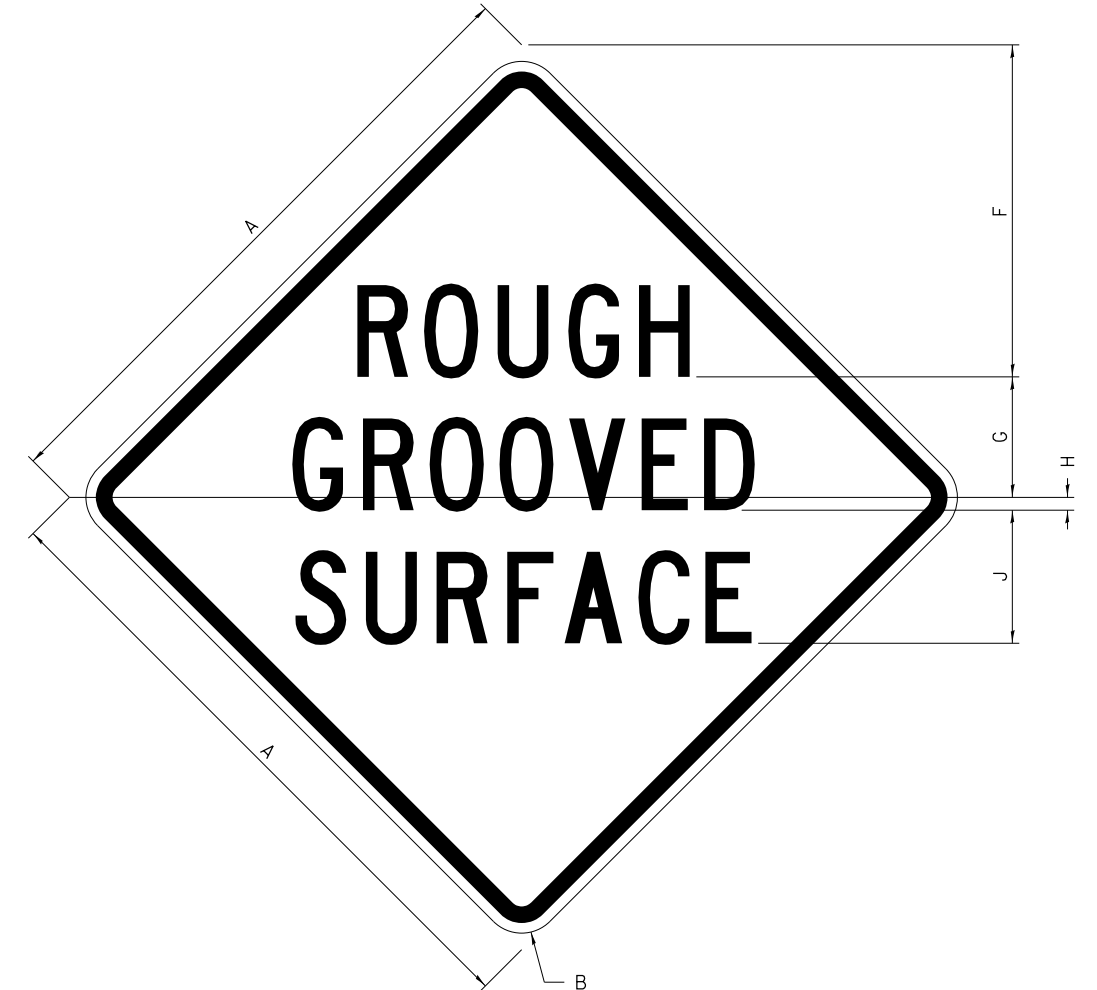
COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
60 x 36	60.00	36.00	2.25	6.4	21.80	16.40	10.00	22.40	13.20	15.50	10.50	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
60 x 36	5C	5C	5C	0.625	0.875

Sign not to scale

**ILLINOIS STANDARD W8-I107**



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS								
	A	B	C	D	E	F	G	H	J
48 x 48	48.00	3.00	25.00	34.80	34.20	24.94	9.00	1.00	10.00

SIGN SIZE	SERIES BY LINE			MARGIN	BORDER
	1	2	3		
48 x 48	7C	7C	7C	1.250	0.750

Sign not to scale

**GENERAL NOTES**

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

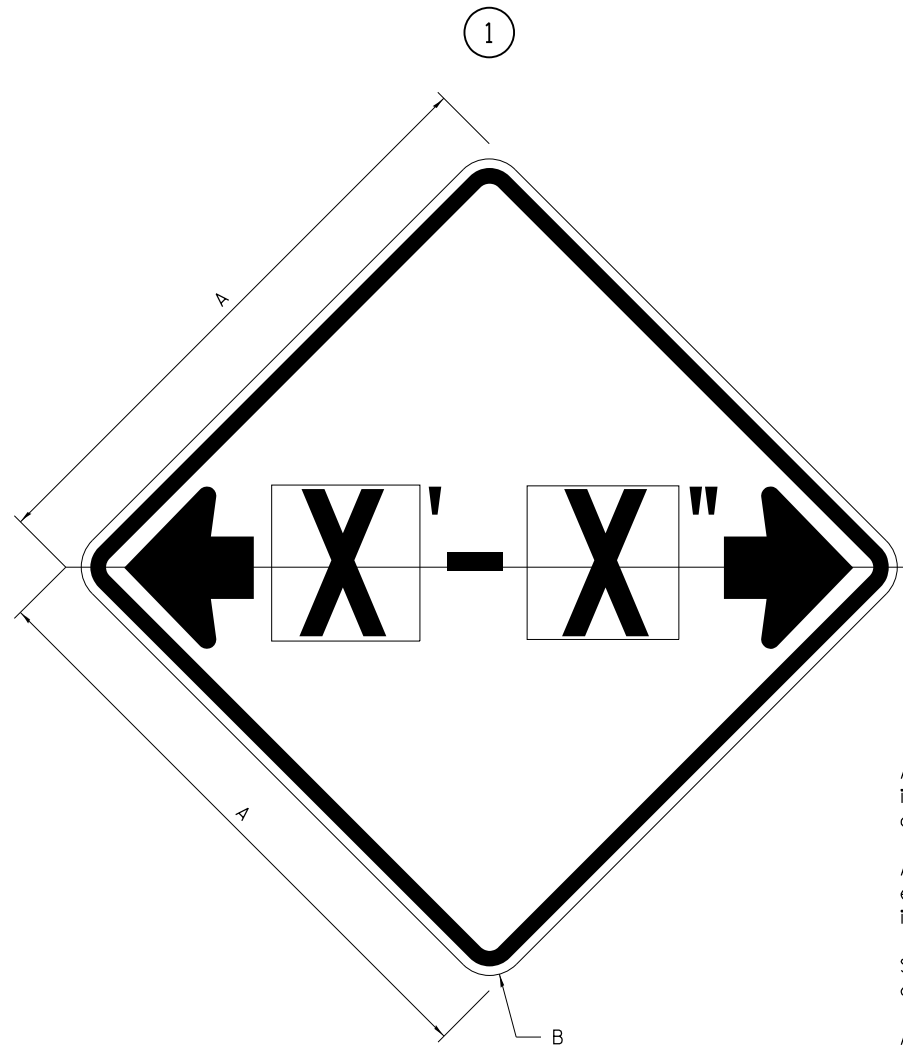
Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

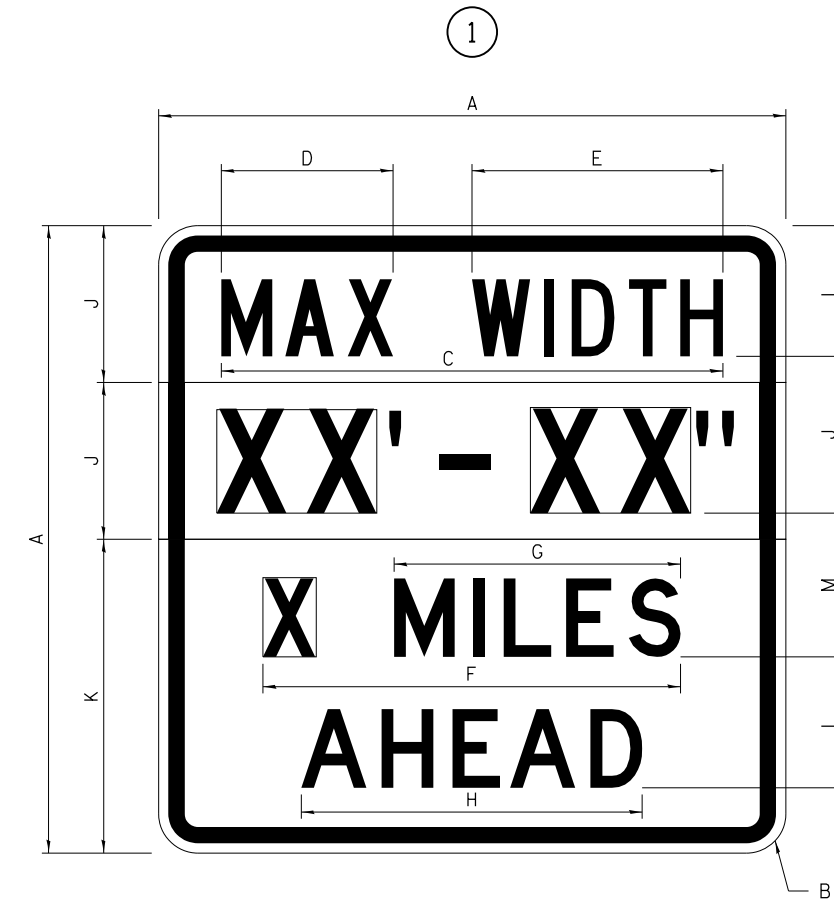
FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 3-02-16	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11\084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2010\DRAWING\CAD\Sheets\201108-sht-details	DRAWN -	CHECKED -	REVISED -			316	(102,114)-3	LEE	231	146
PLOT SCALE = 100.0000' / 1"		DATE -	REVISED -			CONTRACT NO. 64D86				
PLOT DATE = Apr-20-2016 11:09:09 AM						SCALE: SHEET NO. OF SHEETS STA. TO STA. FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# WORK ZONE SIGN DETAILS

## ILLINOIS STANDARD W12-I102



## ILLINOIS STANDARD W12-I103



### GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

COLOR LEGEND AND BORDER BACKGROUND BLACK FL ORANGE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS	
	A	B
48 x 48	48.00	3.00

① Illinois Standard signs W12-I102 and W12-I103 shall be used as described in the special provisions.

SIGN SIZE	SERIES BY LINE	MARGIN	BORDER
	1		
48 x 48	12C	0.750	1.250

Sign not to scale

COLOR LEGEND AND BORDER BACKGROUND (WIDTH) BLACK WHITE FL ORANGE NON-REFLECTORIZED REFLECTORIZED REFLECTORIZED

SIGN SIZE	DIMENSIONS											
	A	B	C	D	E	F	G	H	J	K	L	M
48 x 48	48.00	3.00	38.40	13.20	19.20	32.00	22.00	26.20	12.00	24.00	10.00	11.00

SIGN SIZE	SERIES BY LINE				MARGIN	BORDER
	1	2	3	4		
48 x 48	6C	8D	6D	6D	0.750	1.250

Sign not to scale

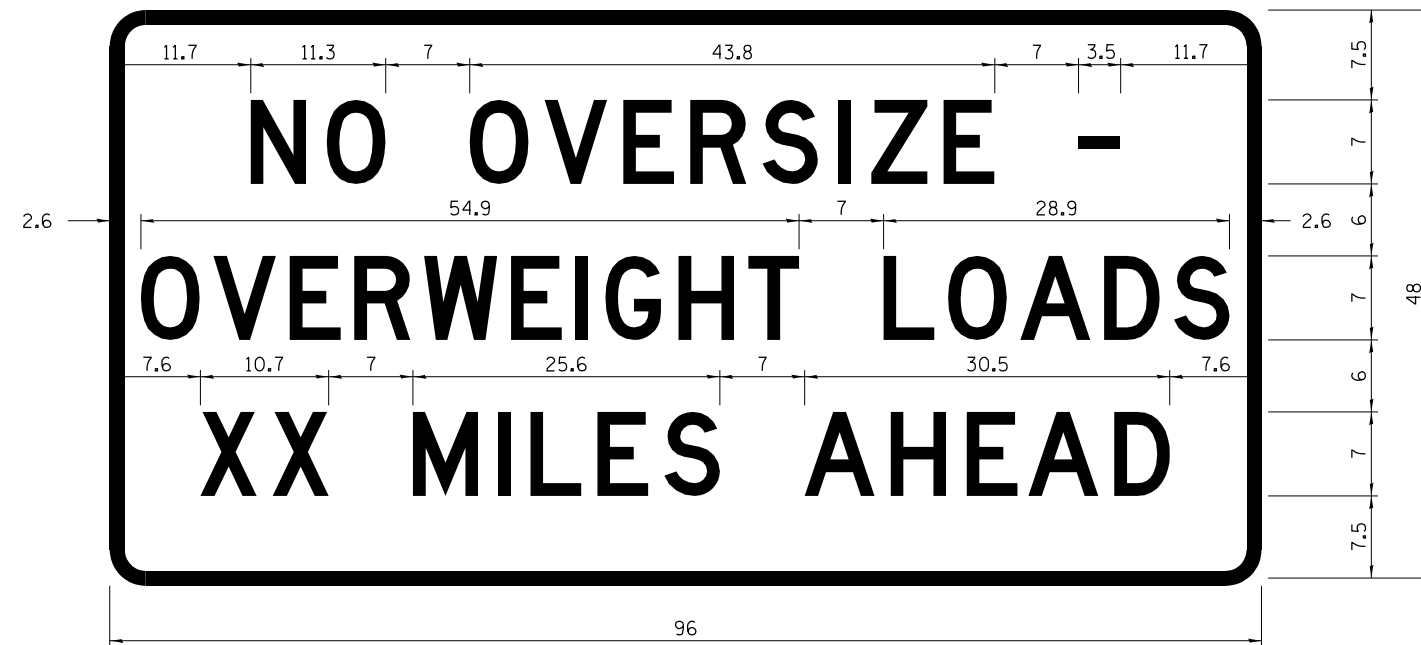
XX'-XX" WIDTH AND X MILES ARE VARIABLE TOP AND BOTTOM OF BACKGROUND WHITE

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 3-02-16	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\2010\DRAWING\CAD\Sheets\201108-sht-details	DESIGNED -	REVISED -	316						(102,114)T-3	LEE	231	147	
PLOT SCALE = 100.0000' / 1in.	CHECKED -	REVISED -	CONTRACT NO. 64D86										
PLOT DATE = Apr-20-2016 11:08:10 AM	DATE -	REVISED -	SCALE:		SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT					

# WORK ZONE SIGN DETAILS

## ROAD CLOSED TO OVERSIZED LOADS

## STOP LINE SIGN FOR TEMPORARY SIGNALS



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

Permit Loads - Loads Over 13 Feet; 3.0" Radius, 1.3" Border;  
 [NO OVERSIZE -] D; [OVERWEIGHT LOADS] D 85% spacing; [XX MILES AHEAD] D;  
 Table of letter and object lefts.

N	O	O	V	E	R	S	I	Z	E	-
11.7	18.1	30.0	36.2	42.8	48.4	54.4	60.7	63.5	69.5	80.8

O	V	E	R	W	E	I	G	H	T	L	O	A	D	S
2.6	8.6	15.0	20.4	26.2	33.4	38.8	41.3	47.4	53.2	64.5	69.9	75.9	82.9	88.7

X	X	M	I	L	E	S	A	H	E	A	D
7.6	13.6	25.3	32.3	35.1	40.6	46.2	57.9	65.1	71.4	76.6	83.7

Sign not to scale

COLOR LEGEND AND BORDER BACKGROUND BLACK WHITE NON-REFLECTORIZED REFLECTORIZED

SIGN SIZE	SERIES BY LINE		
	1	2	3
24 x 24	4C	4C	4C

Sign not to scale

### GENERAL NOTES

All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

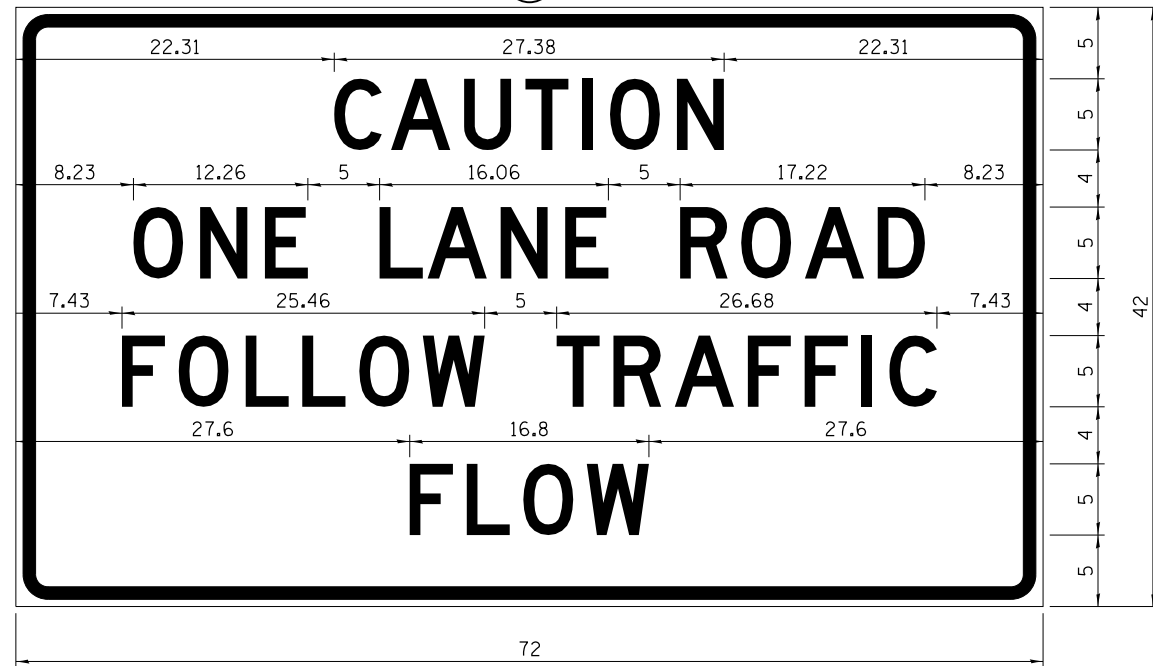
FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 3-02-16	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\2010\DRAND\Drawings\CAD\Drawings\201108-sht-details	DRAWN -	CHECKED -	REVISED -			316	(102,114)T-3	LEE	231	148	
PLOT SCALE = 100.0000' / 1in.	DATE -	REVISIONS -	SCALE:			CONTRACT NO. 64D86		ILLINOIS FED. AID PROJECT			
PLOT DATE = Apr-20-2016 11:08:10 AM	DATE -	REVISIONS -	SHEET NO. OF SHEETS			STA. TO STA.					



**ENTRANCE SIGN FOR USE  
WITH TEMPORARY SIGNALS**

**WORK ZONE SIGN DETAILS**

②



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

2.25" Radius, 0.88" Border, 0.50" Indent;  
[CAUTION] D; [ONE LANE ROAD] D;  
[FOLLOW TRAFFIC] D; [FLOW] D

② This sign shall be installed at entrances located between the temporary signals as shown in the staging plans.

**Table Of Widths And Spaces**

22.31	C	3.36	0.62	A	4.18	0.94	U	3.36	0.94	T	3.04	0.94	I	0.78	1.17	O	3.52	1.17	N	3.36	22.31
-------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	-------

8.23	O	3.51	1.17	N	3.36	1.18	E	3.04
------	---	------	------	---	------	------	---	------

5.00	L	3.05	0.31	A	4.18	0.94	N	3.36	1.17	E	3.05
------	---	------	------	---	------	------	---	------	------	---	------

5.00	R	3.36	0.93	O	3.52	0.94	A	4.18	0.93	D	3.36	8.23
------	---	------	------	---	------	------	---	------	------	---	------	------

7.43	F	3.04	0.94	O	3.52	1.17	L	3.04	0.94	L	3.05	0.94	O	3.51	0.94	W	4.37
------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------

5.00	T	3.05	0.94	R	3.36	0.94	A	4.18	0.93	F	3.05	0.94	F	3.04	0.94	I	0.78	1.18	C	3.35	7.43
------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------

27.60	F	3.05	0.94	L	3.04	0.94	O	3.52	0.93	W	4.38	27.60
-------	---	------	------	---	------	------	---	------	------	---	------	-------

Sign not to scale

**GENERAL NOTES**

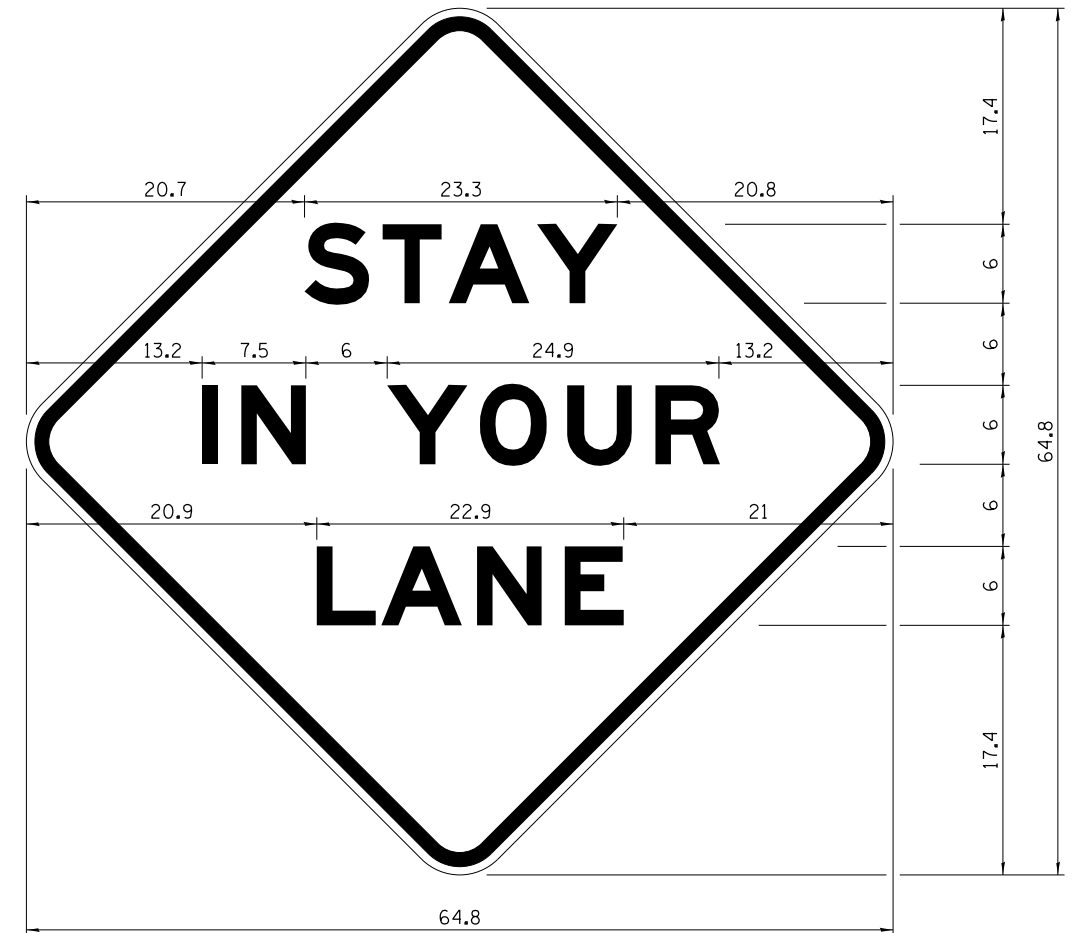
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

All Illinois Standard signs shall conform to the latest edition of the "Illinois Standard Highway Signs Book" in effect on the date of invitation for bids.

Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

**STAY IN YOUR LANE**



COLOR LEGEND AND BORDER BACKGROUND BLACK ORANGE NON-REFLECTORIZED REFLECTORIZED

48.0" across sides 3.8" Radius, 1.0" Border, 0.6" Indent;  
"STAY" E Mod; "IN YOUR" E Mod; "LANE" E Mod;

**Table of Letter and Object Lefts**

S	T	A	Y
20.7	26.8	31.6	38.0

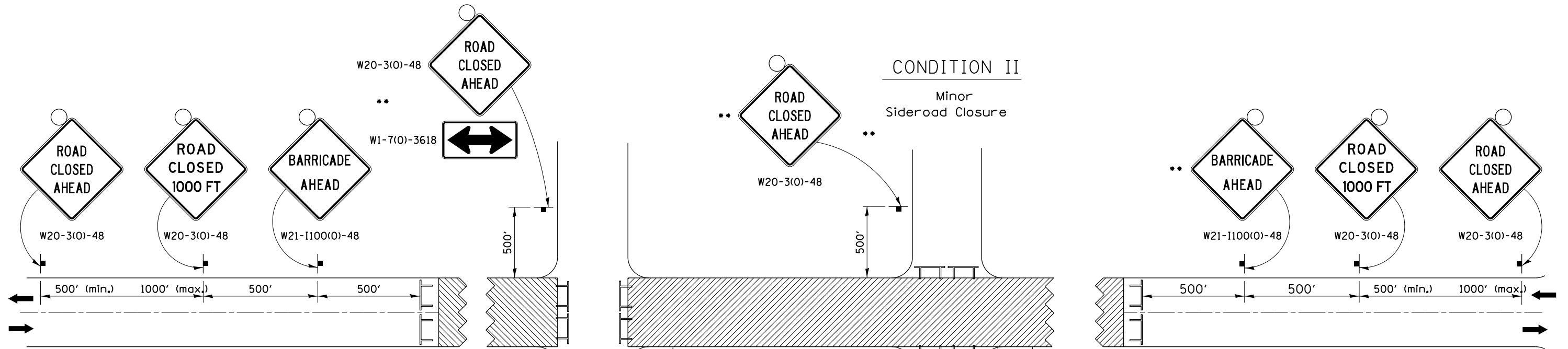
I	N	Y	O	U	R
13.2	15.9	26.7	33.9	40.5	46.8

L	A	N	E
20.9	25.8	33.1	39.4

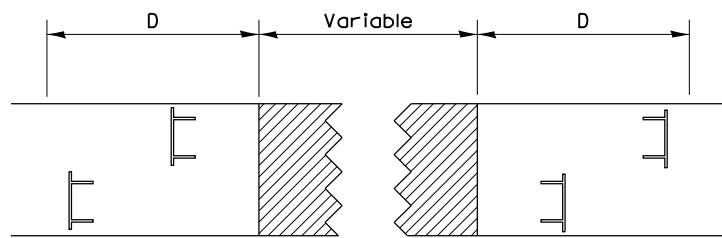
Sign not to scale

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 3-02-16	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\2201108\Drawings\CADsheets\2201108-sht-details	DRAWN	CHECKED -	REVISED -			316	(102,114)T-3	LEE	231	149
PLOT SCALE = 100.0000' / 1"	CHECKED -	REVISED -	REVISED -			CONTRACT NO. 64D86				
PLOT DATE = Apr-20-2016 11:08:11 AM	DATE -	REVISED -	REVISED -			FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

# TRAFFIC CONTROL FOR ROAD CLOSURE



ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 2000' an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.




## CONDITION II

Minor Sideroad Closure

## CONDITION I

Major Sideroad Closure

### SYMBOLS

-  Work area
-  Type III Barricade with Flashers
-  Sign with flashing light

### GENERAL NOTES

Longitudinal dimensions may be adjusted to fit field conditions.

When speed limit is less than 45mph, change sign spacing to 250' and change ROAD CLOSED 1000 FT to ROAD CLOSED 500 FT.

Side roads requiring all three signs as shown in CONDITION I (Major Sideroad Closure), shall be listed in the special provision.

\*\* Where local access is to be maintained, barricades are to be set up as shown in Road Closed to thru traffic. Type III Barricades and R11-2-4830 signs shall be as shown in "Road Closed To All Traffic" detail on Highway Standard 701901.

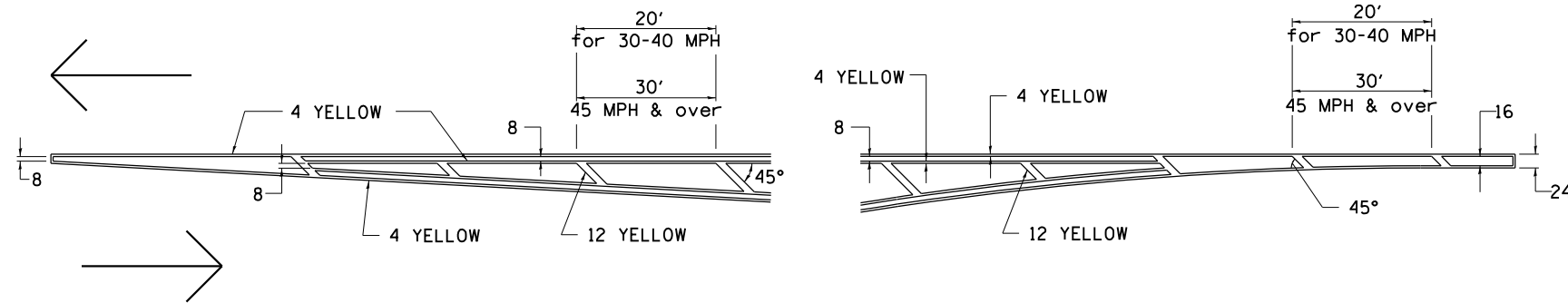
All dimensions are in inches unless otherwise shown.

TYPICAL APPLICATION FOR ROAD CLOSURE

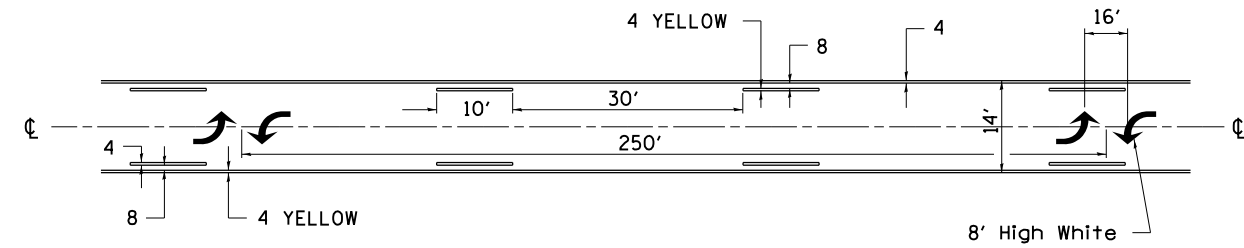
FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 8-27-13	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG\illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\2010\1084EBID\1084EBID-CAD\1084EBID-CAD.sht		DRAWN -	REVISED - 10-17-11		316	(102,114)T-3	LEE	231	150				
		CHECKED -	REVISED -		CONTRACT NO. 64D86								
		DATE -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.	FED. ROAD DIST. NO.	ILLINOIS FED. AID PROJECT		

# TYPICAL PAVEMENT MARKINGS

## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

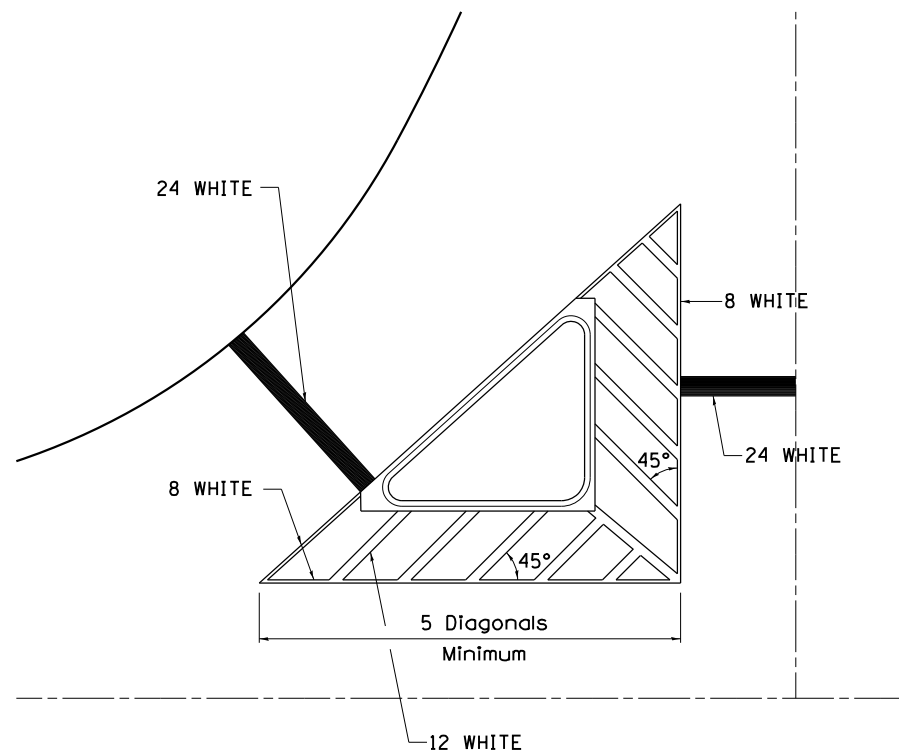


## MEDIAN PAVEMENT MARKING



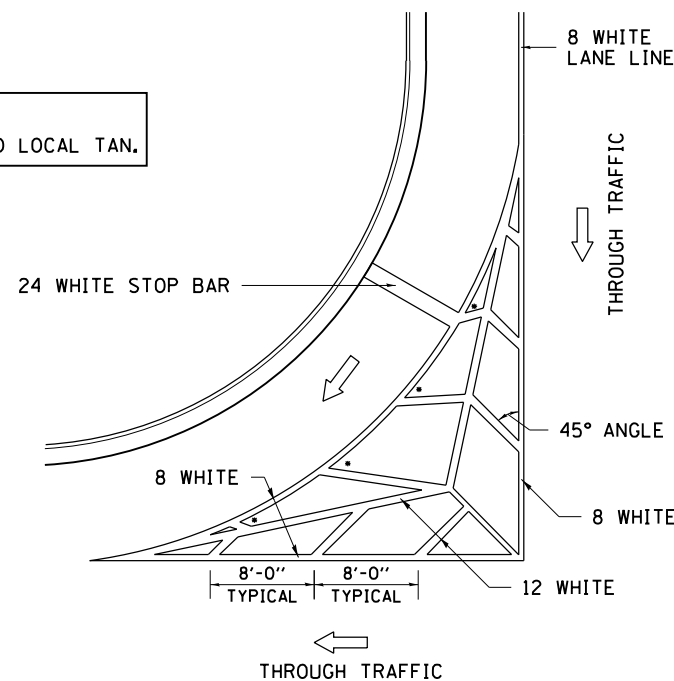
•• ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

## TYPICAL ISLAND OFFSET SHOULDER WIDTH



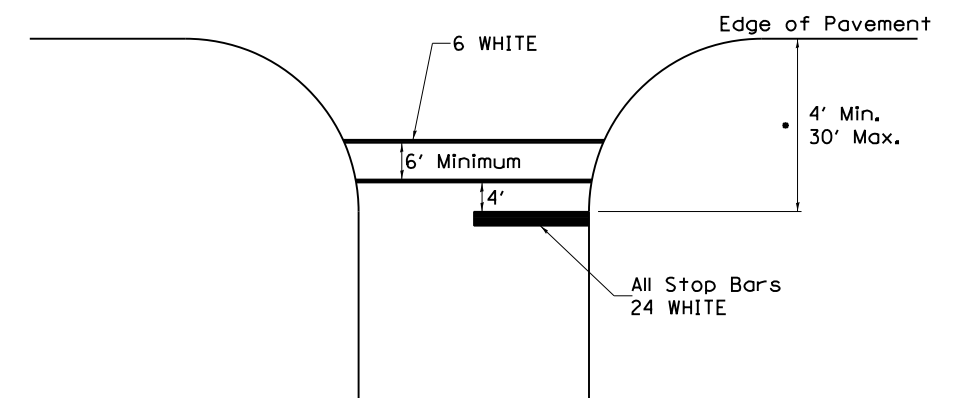
## TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:  
\* 45° TO LOCAL TAN.



## STANDARD CROSSWALK MARKING

See Schedules for Locations

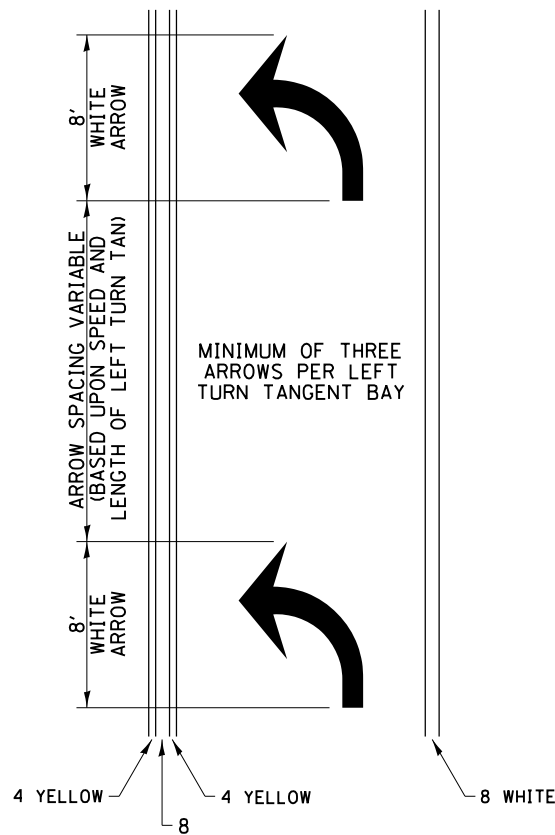


• Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 6-27-14	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG\illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\2010\1084EBID\Drawings\CAD\Drawings\201108-sht-details	DRAWN	REVISION	REVISED - 3-05-12					316	(102,114)T-3	LEE	231	151
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -	REVISED -		CONTRACT NO. 64D86							
PLOT DATE = Apr-20-2016 11:08:12 AM	DATE -	REVISED -	REVISED -		FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT							

# TYPICAL PAVEMENT MARKINGS

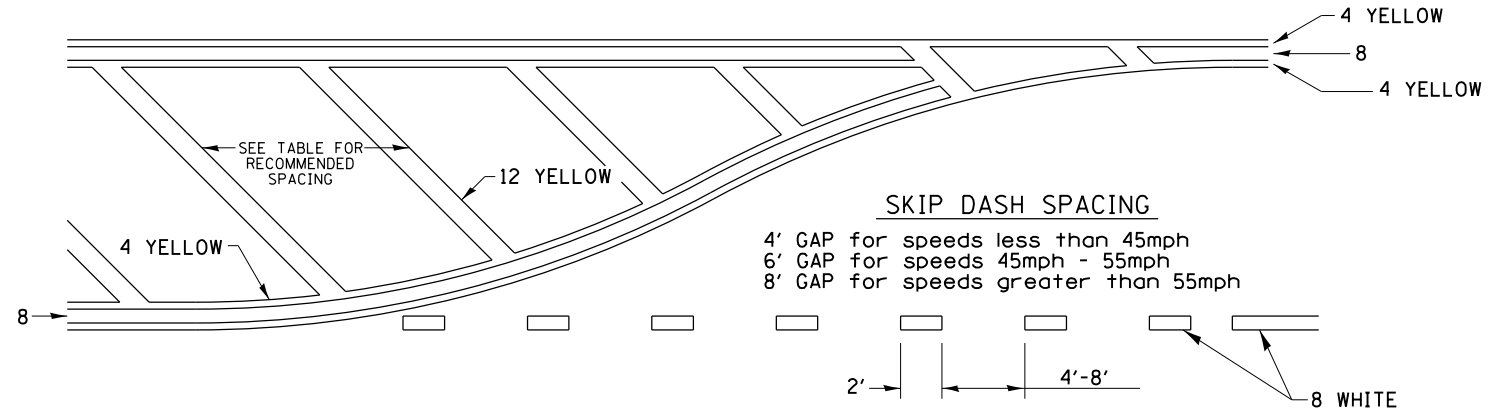
## ARROW LAYOUT



- ◀ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◆ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

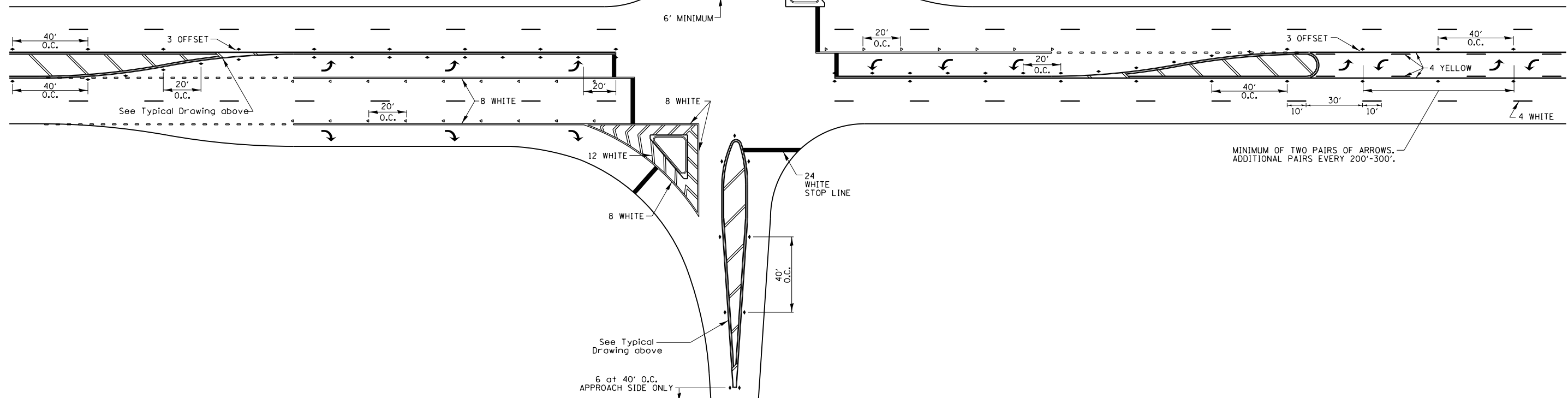
## TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



### RECOMMENDED SPACING BETWEEN DIAGONALS (IN FEET)

Speed Limit Range	Continuous Median Area	Intersection Channelization	Objects (Islands)
less than 30MPH	50'	15'	10'
30-40MPH	75'	20'	15'
45MPH & over	75'	30'	20'

NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 6-27-14
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\220108\Drawings\CAD\Drawings\2201108-sht-details		DRAWN -	REVISED - 3-05-12
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Apr-20-2016 11:08:13 AM	DATE -	REVISED -

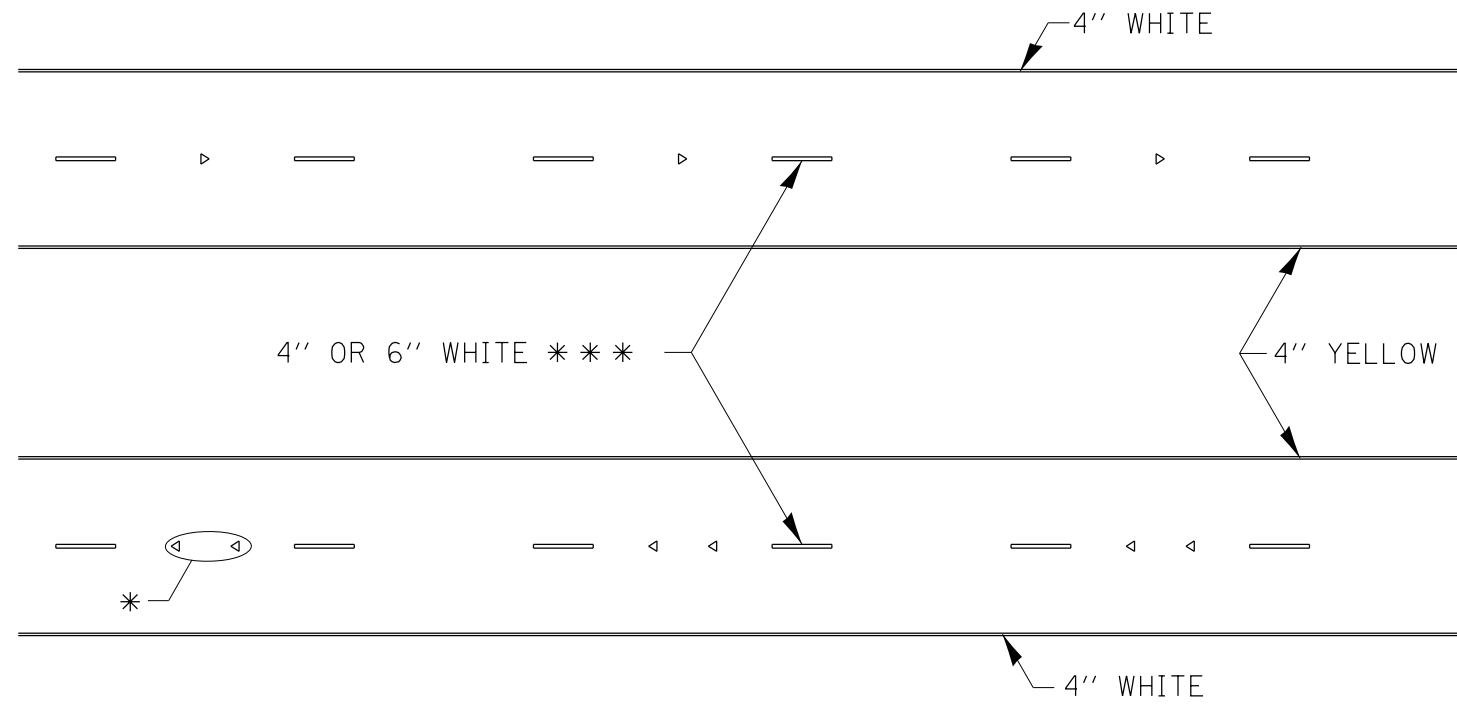
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

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

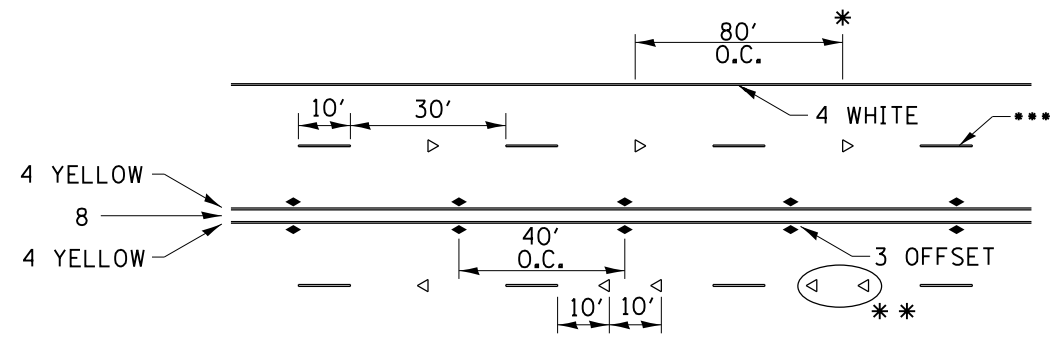
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	152
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64D86	

# TYPICAL PAVEMENT MARKINGS



\* SEE HIGHWAY STANDARD 781001 FOR SPACING DETAILS.  
USE DOUBLE MARKERS WHEN ADT > 20,000.

## MULTI-LANE / DIVIDED



• REDUCE TO 40' O.C. ON CURVES WHERE ADVISORY SPEEDS ARE 10 MPH LOWER THAN POSTED SPEEDS.

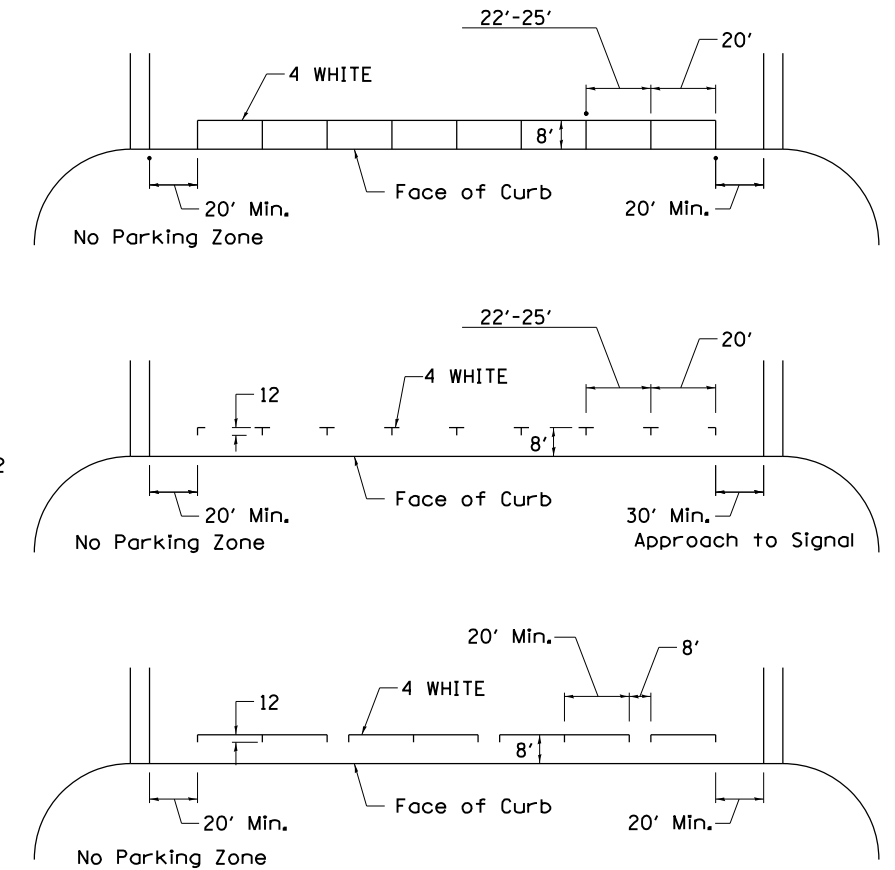
•• USE DOUBLE MARKERS WHEN ADT ≥ 20,000

••• CENTERLINE SKIP DASH PAVEMENT MARKING SPEED LIMIT LESS THAN 40 MPH USE 4" LINE. SPEED LIMIT 40 MPH AND OVER USE 6" LINE.

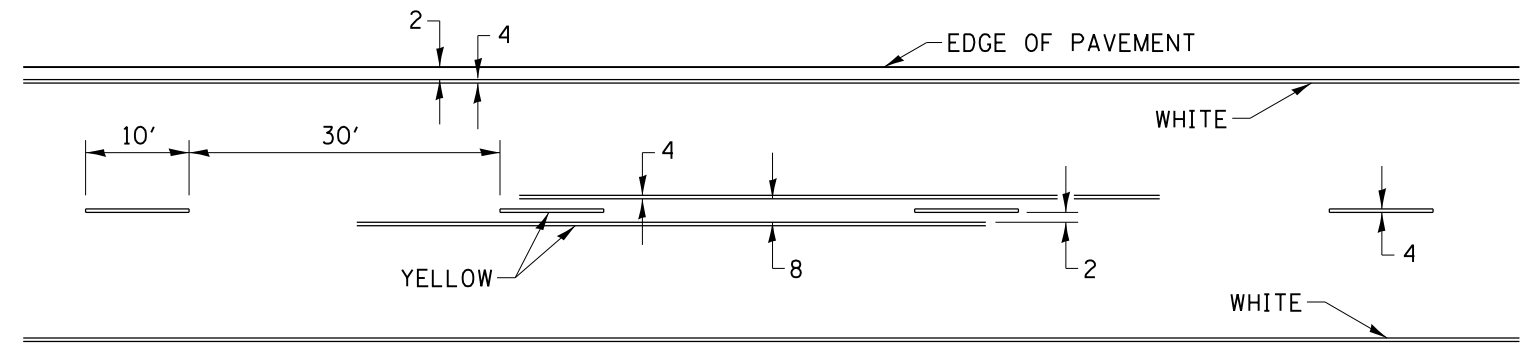
## MULTI-LANE / UNDIVIDED & ONE WAY

(FOR MULTI-LANE UNDIVIDED HIGHWAYS USE THIS DETAIL NOT HIGHWAY STANDARD 781001)

## TYPICAL PARKING SPACING



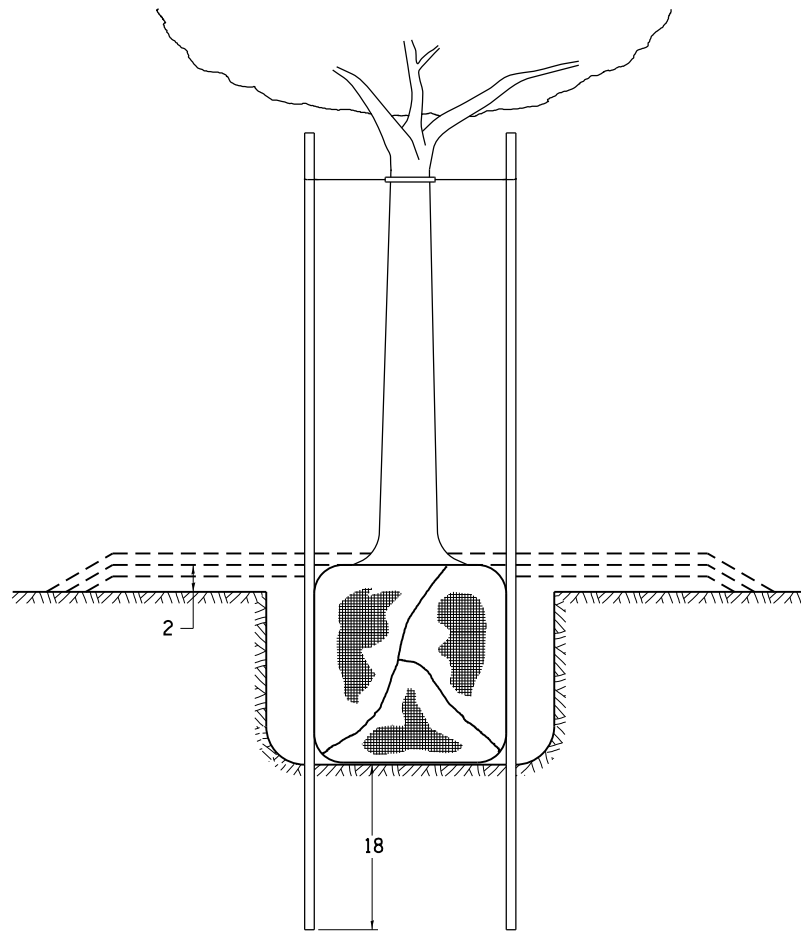
## TYPICAL PAVEMENT MARKING FOR TWO LANE SECTION – NO PASSING ZONES



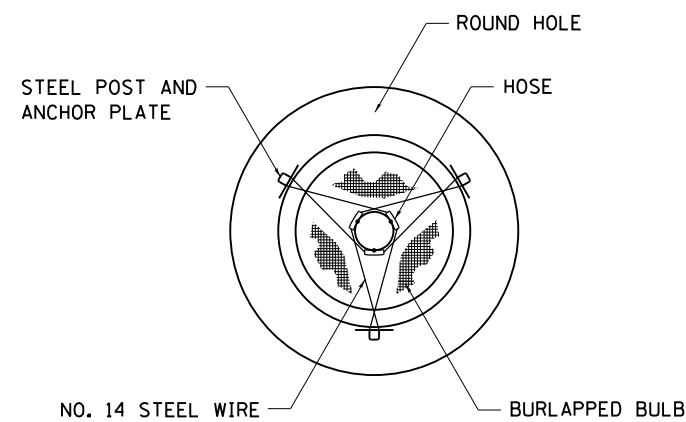
## SYMBOLS

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 6-27-14	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>REGION 2 / DISTRICT 2 STANDARD</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw\11084EBIDINTEG.illinois.gov\PIWIDOT\Documents\DOT Offices\District 2\Projects\2010\DRAND\Drawings\CADsheets\201108-sht-details	DESIGNED - 8-27-13	REVISED - 8-27-13	REVISED - 11-28-12					316	(102,114)T-3	LEE	231	153
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED - 11-28-12	REVISED -		CONTRACT NO. 64D86			ILLINOIS FED. AID PROJECT				
PLOT DATE = Apr-20-2016 11:08:13 AM	DATE -	REVISED -	REVISED -		SCALE:	SHEET NO.	OF SHEETS	STA.	TO STA.			

# DETAILS OF PLANTING AND BRACING TREES

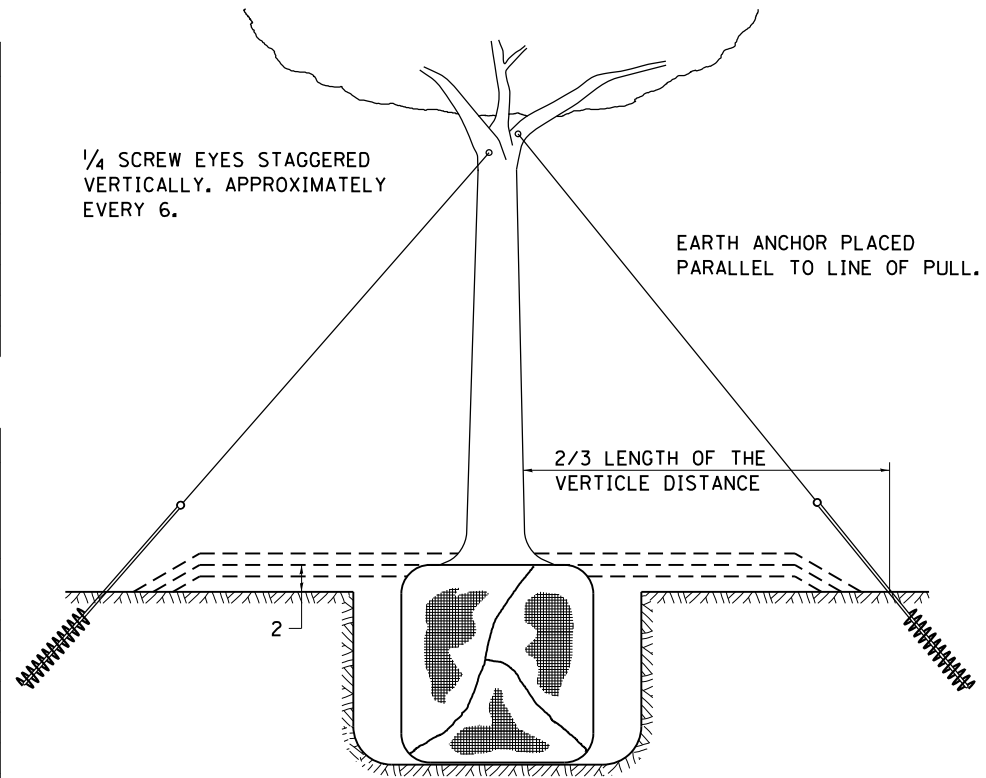
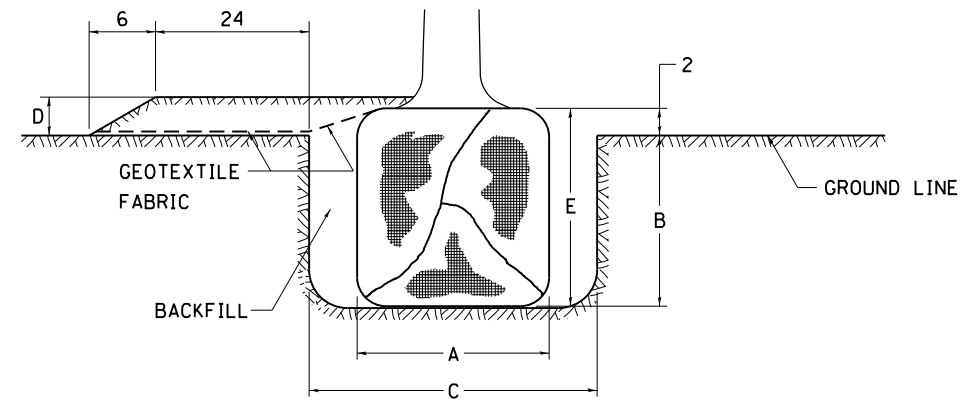


TREES SMALLER THAN 4 1/2 IN DIAMETER

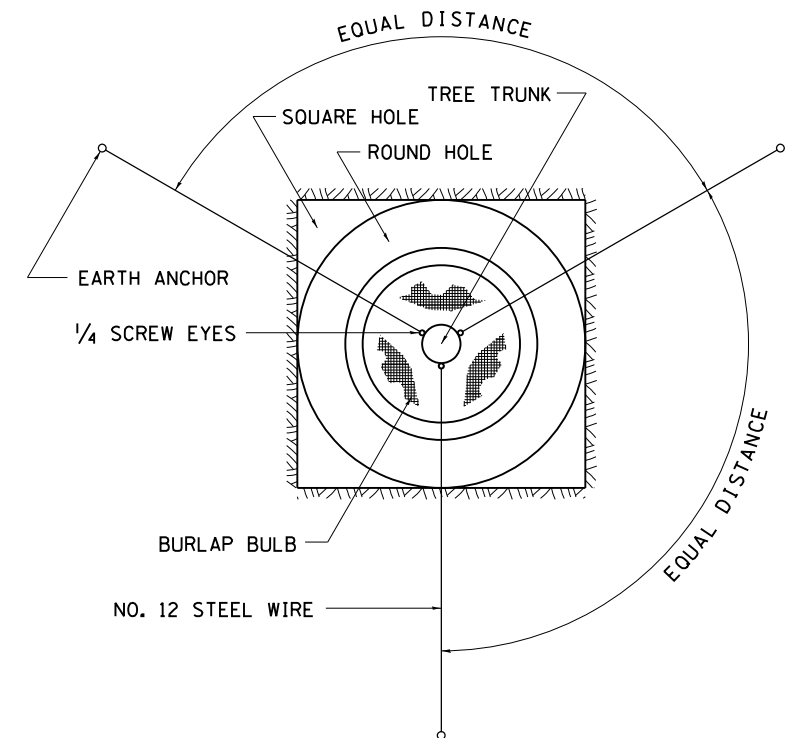


SMALL	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER CU. YDS.
5'-6'	16	10	30	4	12	0.54
5'-6' BB	16	10	30	4	12	0.54
6'-7' BB	18	12	30	4	14	0.54
7'-8' BB	20	11	30	4	13	0.54
8'-10' BB	24	14	36	4	16	0.61
10'-12' BB	26	15	36	4	17	0.61

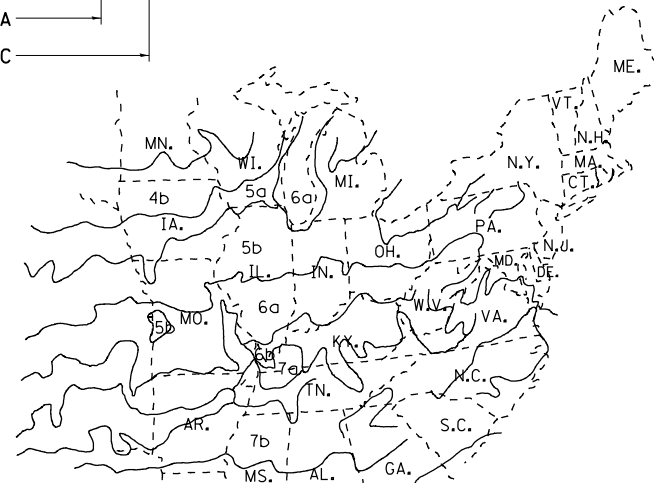
LARGE	A	B	C	D	E	F
TREE SIZE	DIAMETER OF BALL OR ROOT SYS.	DEPTH OF HOLE EXCAVATION	WIDTH OF HOLE EXCAVATION	THICKNESS OF MULCH COVER	DEPTH OF BALL OR ROOT SYS.	VOLUME OF MULCH COVER CU. YDS.
0-2	20	11	36	4	13	0.61
2-2 1/2 BB	24	14	48	4	16	0.78
2 1/2-3 BB	28	17	48	4	19	0.78
3-3 1/2 BB	32	17	60	4	19	0.96
3 1/2-4 BB	36	20	60	4	22	0.96
4-4 1/2 BB	40	22	72	4	24	1.16
4 1/2-5 BB	44	24	72	4	26	1.16
5-5 1/2 BB	48	27	84	4	29	1.38



TREES OVER 4 1/2 IN DIAMETER



ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.



PLANT HARDINESS ZONE MAP  
U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE  
PUBLICATION NO. 814

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED - 10-18-11
pw\11084EBIDINTEG\illinois.gov\PWIDOT\Documents\DOT Offices\District 2\Projects\220108\Drawings\CADsheets\2201108-sht-details		DRAWN -	REVISED -
		CHECKED -	REVISED -
		DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

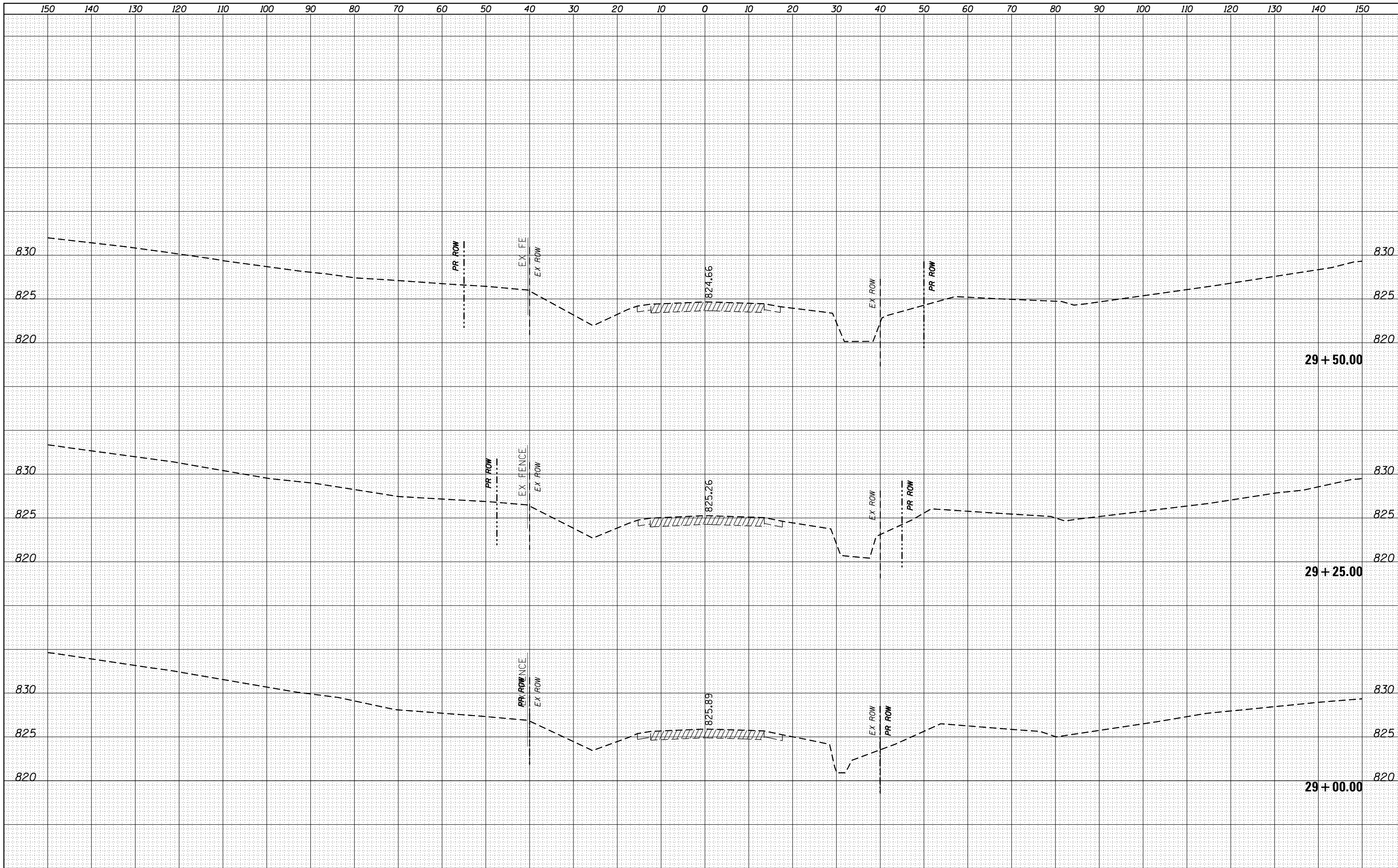
REGION 2 / DISTRICT 2 STANDARD

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	154
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64D86	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



FILE NAME = p:\11084EBID\INTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\P201108\CAD\DRAWING\Drawings\201108-sht-xxsht.dgn  
 Default

USER NAME = grantpm	DESIGNED -	REVISOR -
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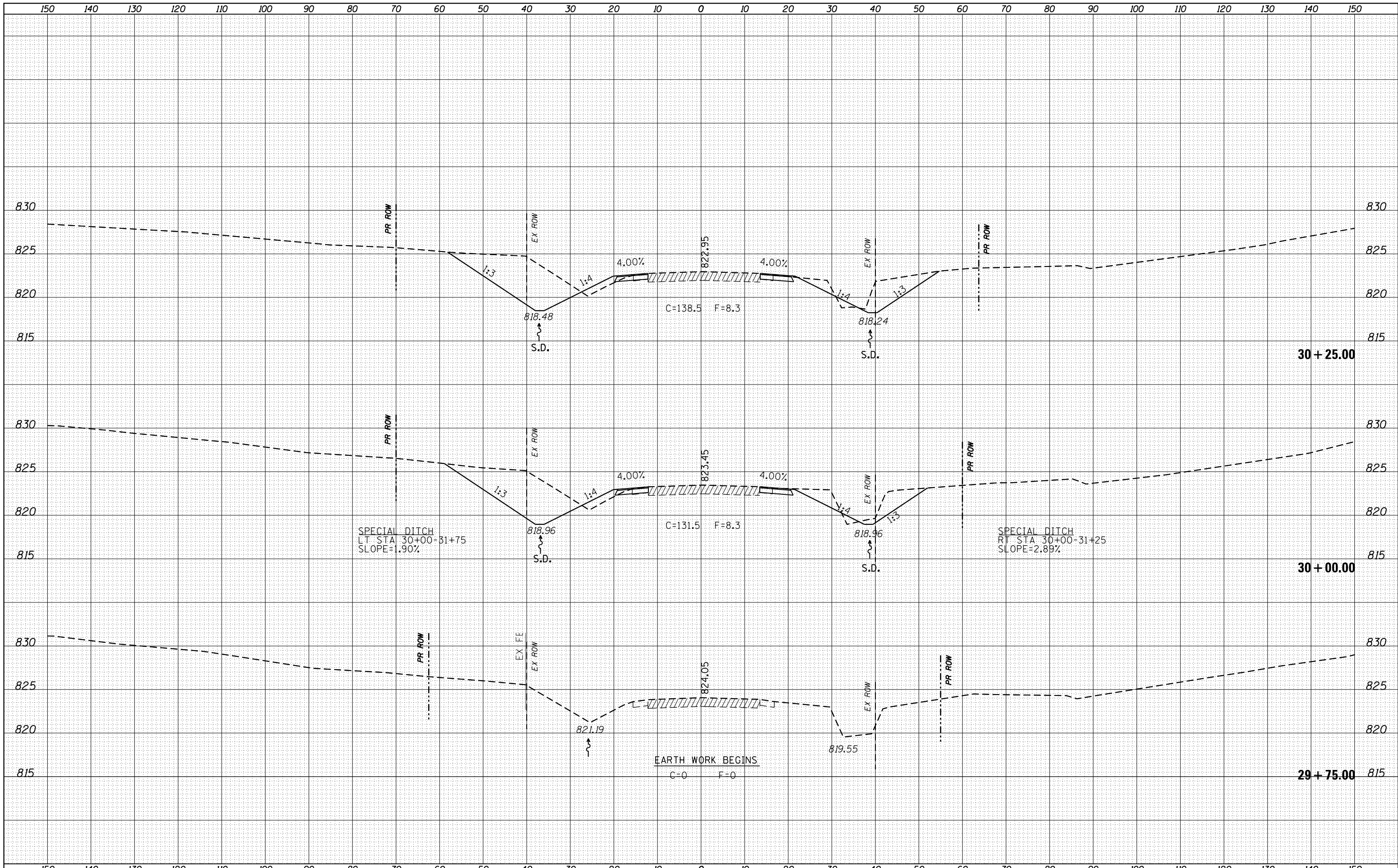
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL 26</b>		
<b>MAINLINE CROSS SECTIONS</b>		
SCALE:	SHEET OF SHEETS	STA. TO STA. 29+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102.114)T-3	LEE	231	155
				CONTRACT NO. 64D86
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINISHED	
NO. OF SHEETS	
DATE	
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FINISHED	
NO. OF SHEETS	
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NO. OF SHEETS	

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DATE	
BY	
FINISHED	
NO. OF SHEETS	

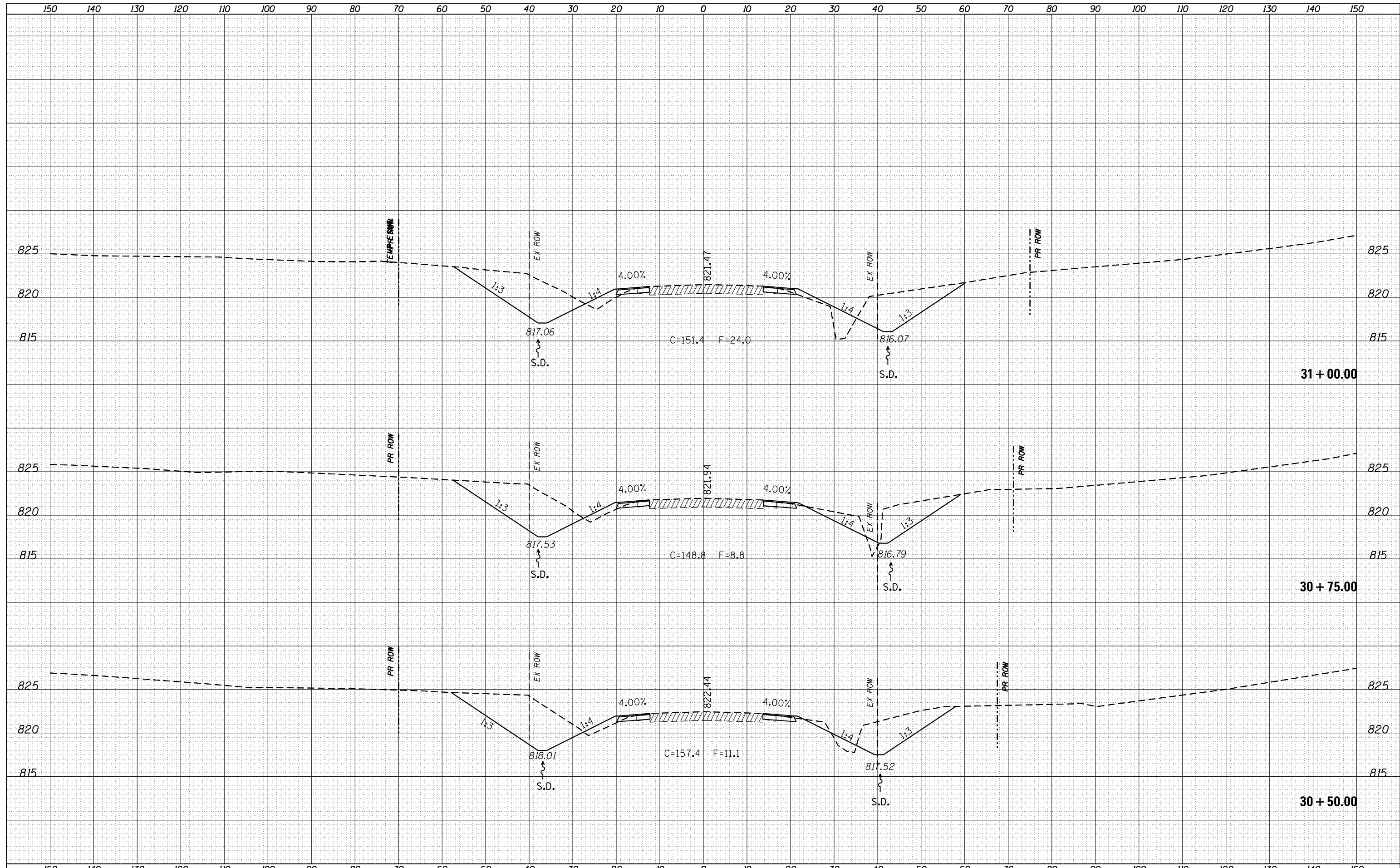


FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISOR -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 26</b> <b>MAINLINE CROSS SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	\\IL084EBIDINTEG.Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\P201108\CADD\Drawings\shets\201108-sht-xssht.dgn	CHECKED -	REVISOR -					316	(102,114)T-3	LEE	231	156
	PLOT SCALE = 20.0000' / in.	DATE -	REVISOR -					CONTRACT NO. 64D86				
	PLOT DATE = Apr-20-2016 11:13:35 AM							ILLINOIS FED. AID PROJECT				



BY	DATE

ORIGINAL SURVEY	DATE



FILE NAME =	

USER NAME = grantpm	DESIGNED -

REVISIONS	
REVISED -	
REVISED -	
REVISED -	
REVISED -	

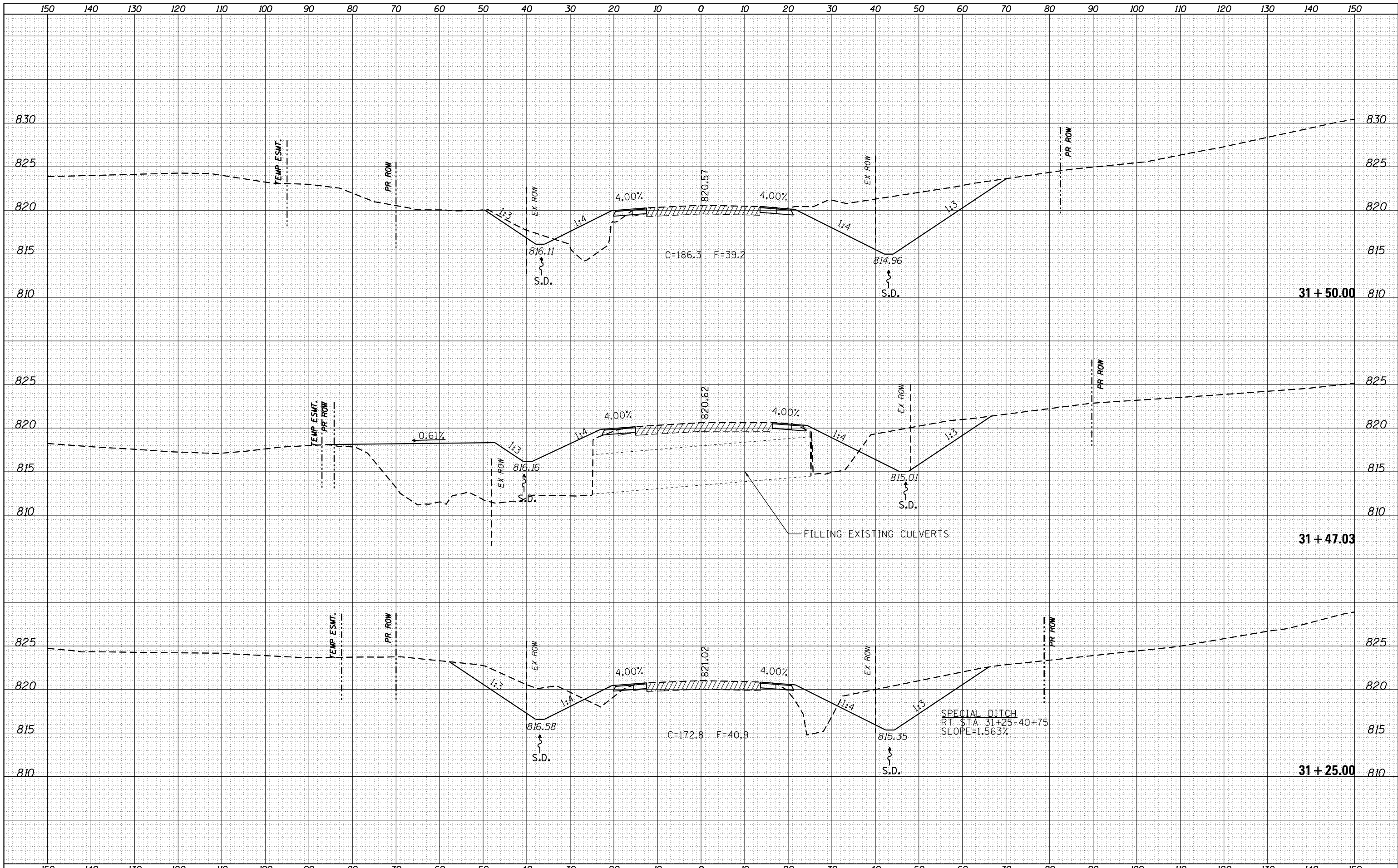
**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

<b>IL 26</b>			
<b>MAINLINE CROSS SECTIONS</b>			
SCALE:	SHEET	OF	SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	



FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISOR -
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Default		CHECKED -	REVISOR -
		DATE -	REVISOR -

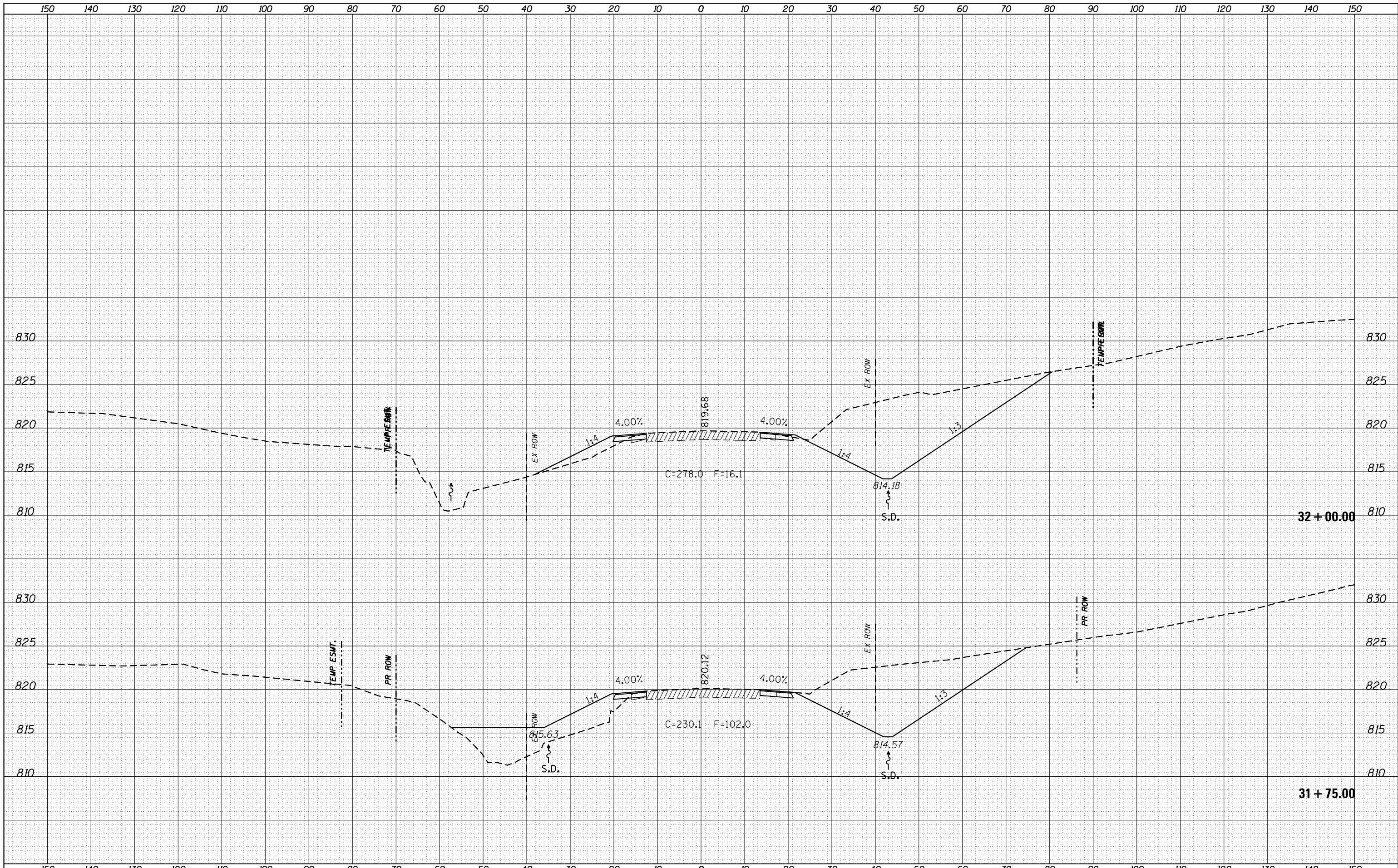
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>IL 26</b>			
<b>MAINLINE CROSS SECTIONS</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	158
				CONTRACT NO. 64D86
ILLINOIS FED. AID PROJECT				

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
CHECKED	
NO.	

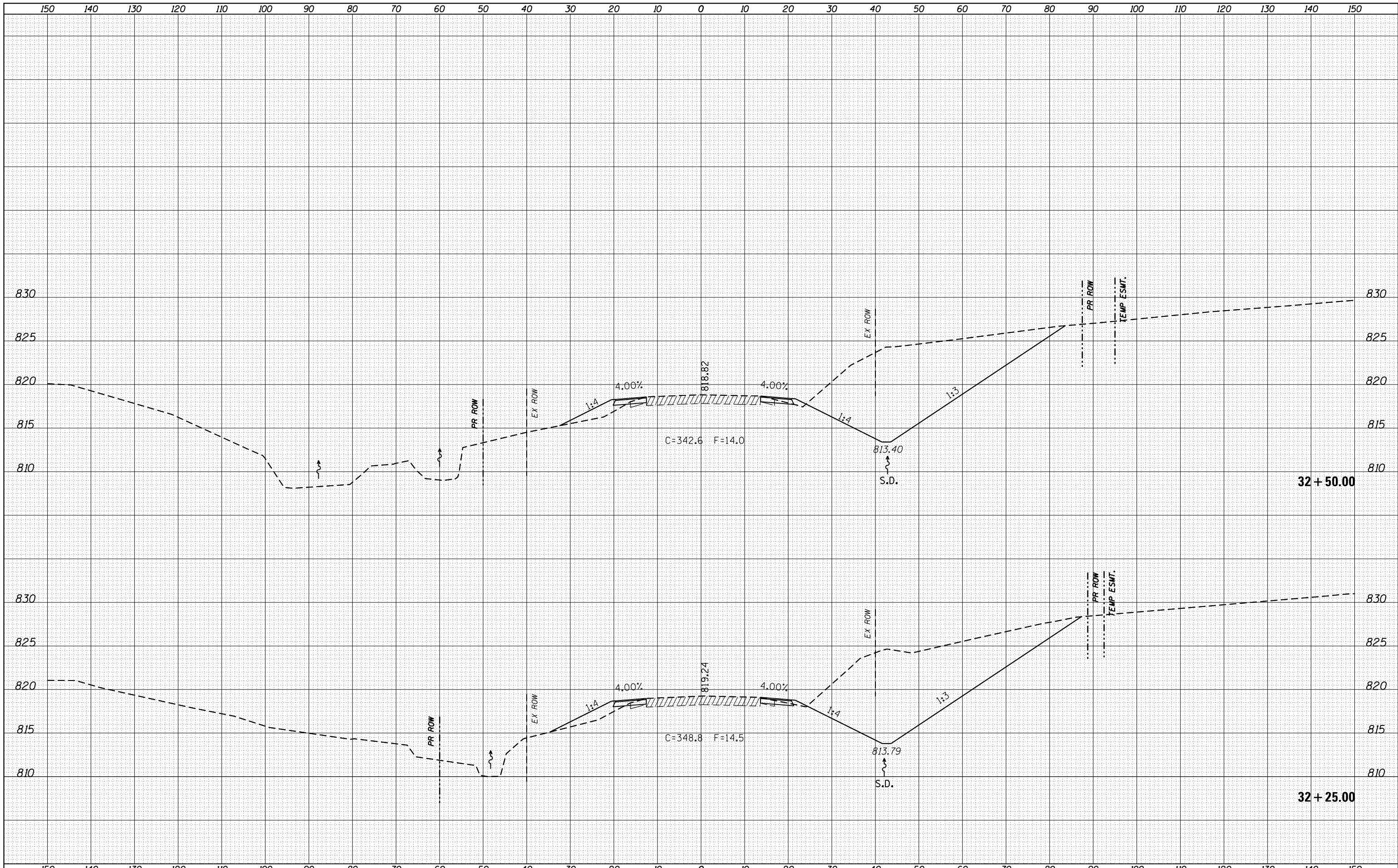


FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 26</b> <b>MAINLINE CROSS SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	DOT Offices\District 2\Projects\P201108\CADD\Drawings\201108-sht-xssht.dgn	CHECKED -	REVISIED -			316	(102,114)T-3	LEE	231	159	
	PLOT SCALE = 20.0000' / in.	DATE -	REVISIED -			CONTRACT NO. 64D86					
	PLOT DATE = Apr-20-2016 11:13:36 AM					ILLINOIS FED. AID PROJECT					

SCALE: SHEET OF SHEETS STA. TO STA. 32+00.00

DATE	
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TEMPLATE	
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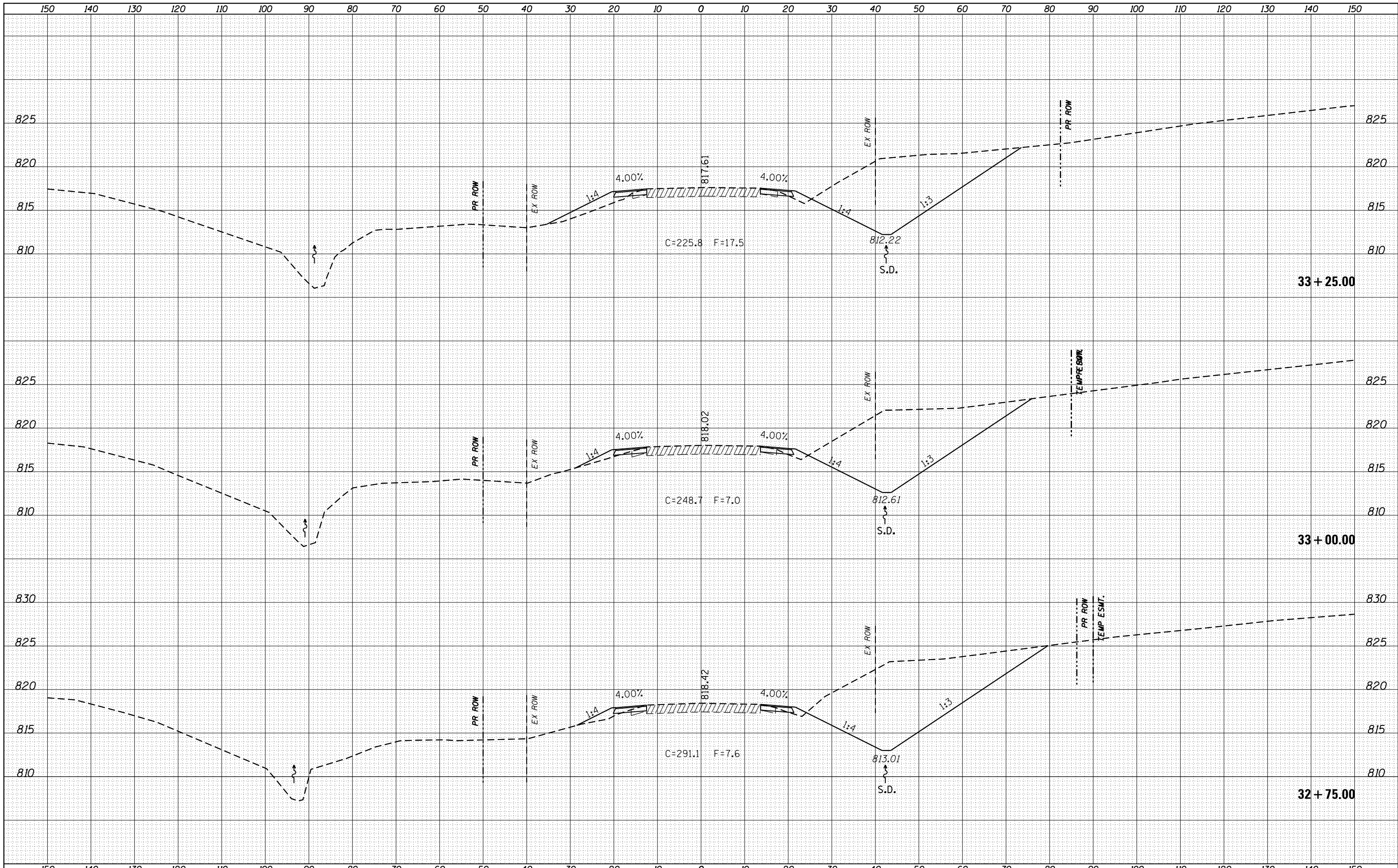
DATE	
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FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISIED -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>IL 26</b> <b>MAINLINE CROSS SECTIONS</b></p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	\\IL084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\P201108\CADD\Drawings\201108-sht-xssht.dgn	REVISIED -	REVISIED -		316	(102,114)T-3	LEE	231	160
	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISIED -		CONTRACT NO. 64D86				
	PLOT DATE = Apr-20-2016 11:13:36 AM	DATE -	REVISIED -		ILLINOIS FED. AID PROJECT				

DATE	
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PLOTTED	
TEMPLATE	
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CHECKED	
FINAL SURVEY	
NOTE BOOK	
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DATE	
BY	
SURVEYED	
PLOTTED	
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ORIGINAL SURVEY	
NOTE BOOK	
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FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISIED -
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		CHECKED -	REVISIED -
Default		DATE -	REVISIED -
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**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

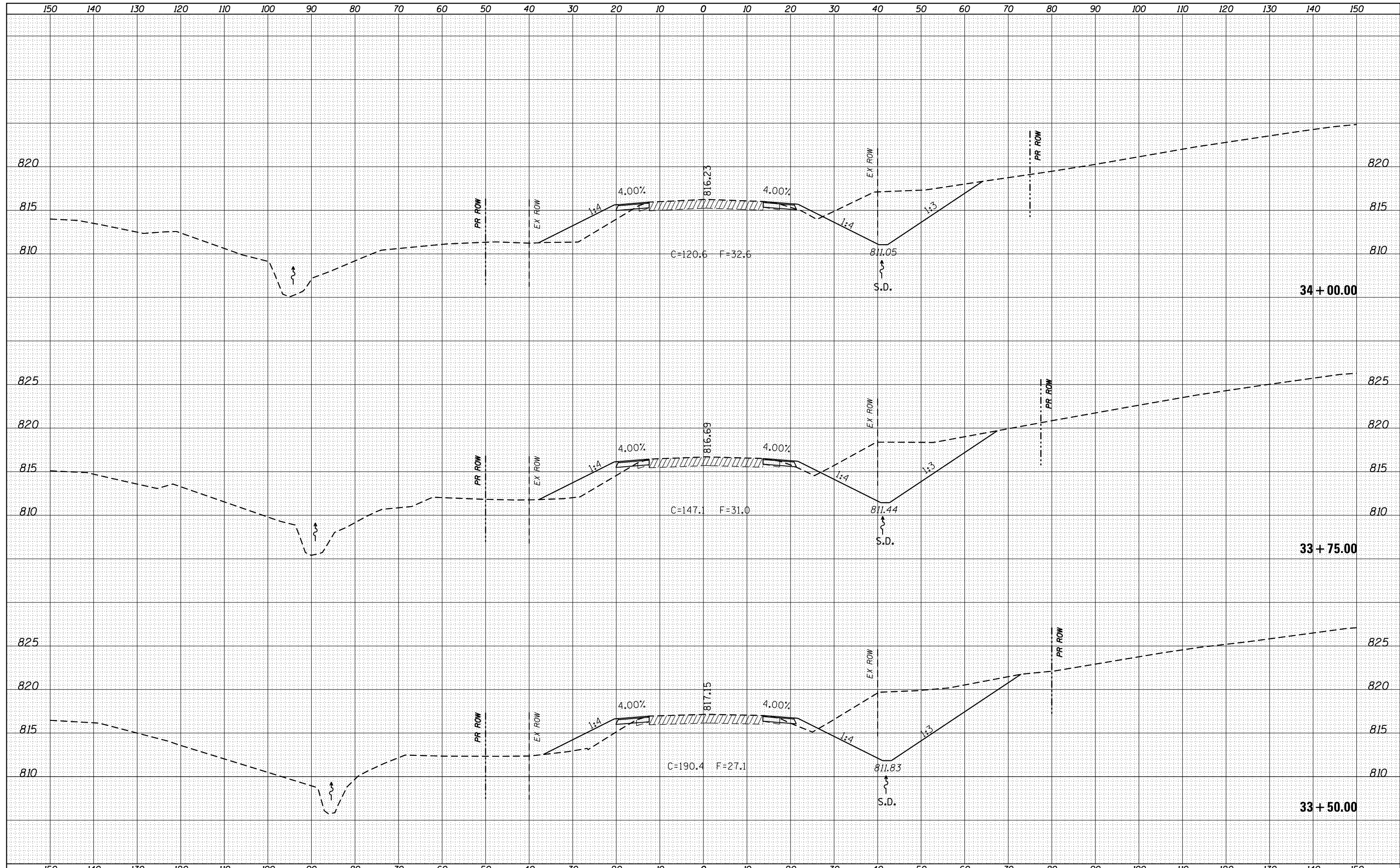
<b>IL 26</b>			
<b>MAINLINE CROSS SECTIONS</b>			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	161
				CONTRACT NO. 64D86
ILLINOIS FED. AID PROJECT				



DATE	
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TEMPLATE	
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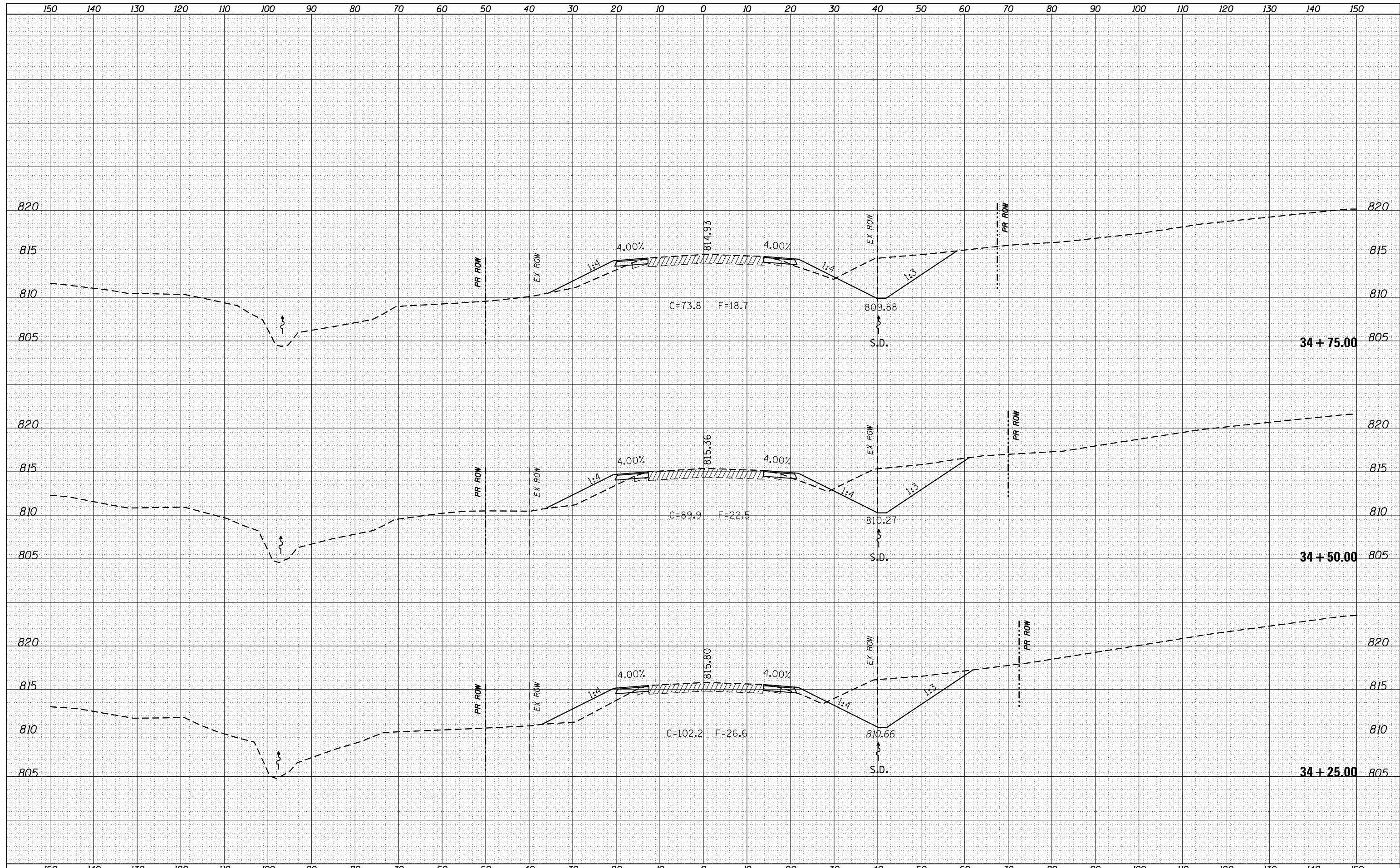
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BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS	
CHECKED	
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FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISOR -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 26</b> <b>MAINLINE CROSS SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\P201108\CADD\Drawings\Drawings\201108-sht-xssht.dgn	PLLOT SCALE = 20.0000' / in.	CHECKED -	REVISOR -			316	(102,114)T-3	LEE	231	162
Default	PLOT DATE = Apr-20-2016 11:13:37 AM	DATE -	REVISOR -			CONTRACT NO. 64D86				
SCALE:						SHEET	OF	SHEETS	STA.	TO STA. 34+00.00

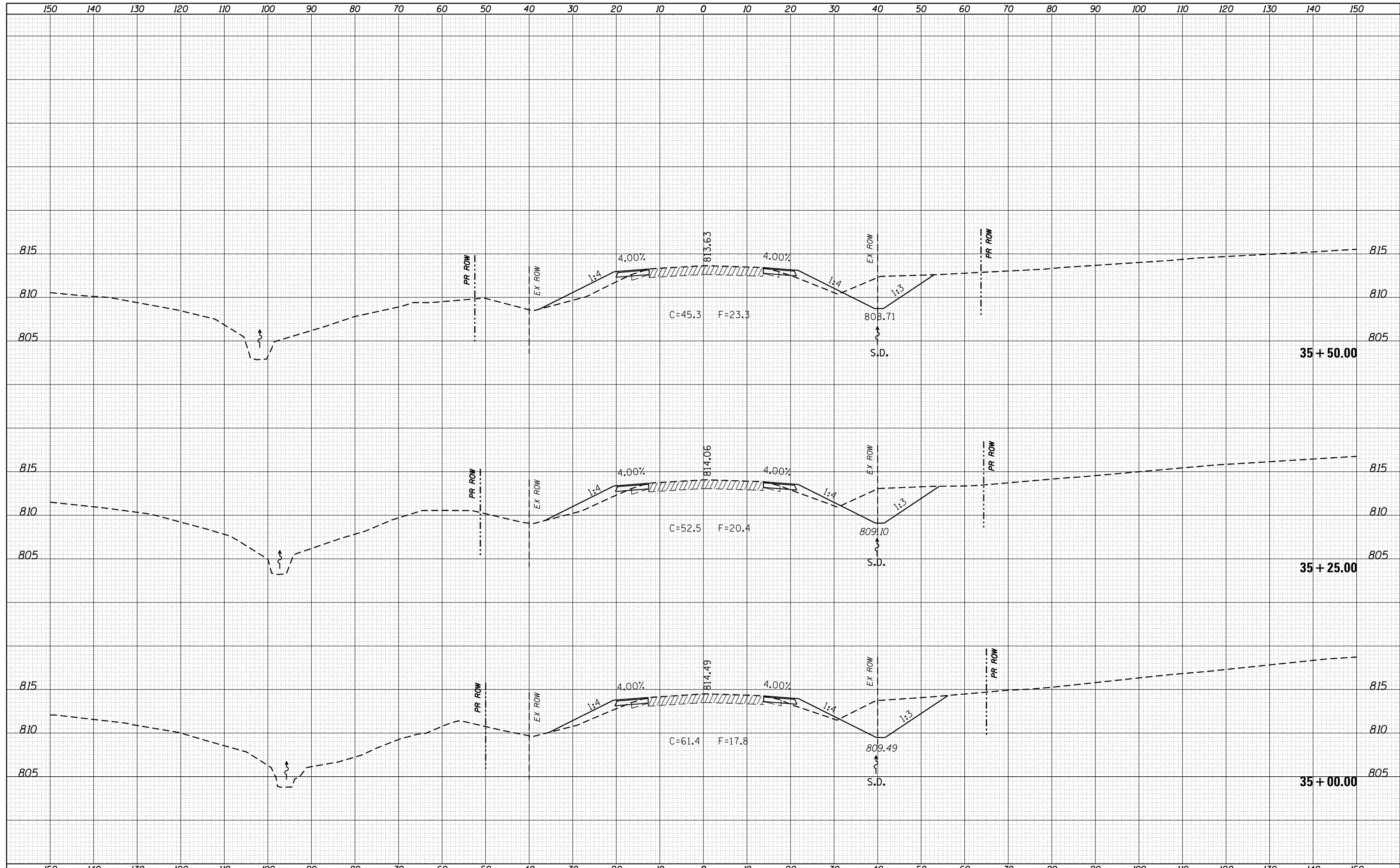
DATE	
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DATE	
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TEMPLATE	
AREAS	
CHECKED	
FINISH	
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DATE	
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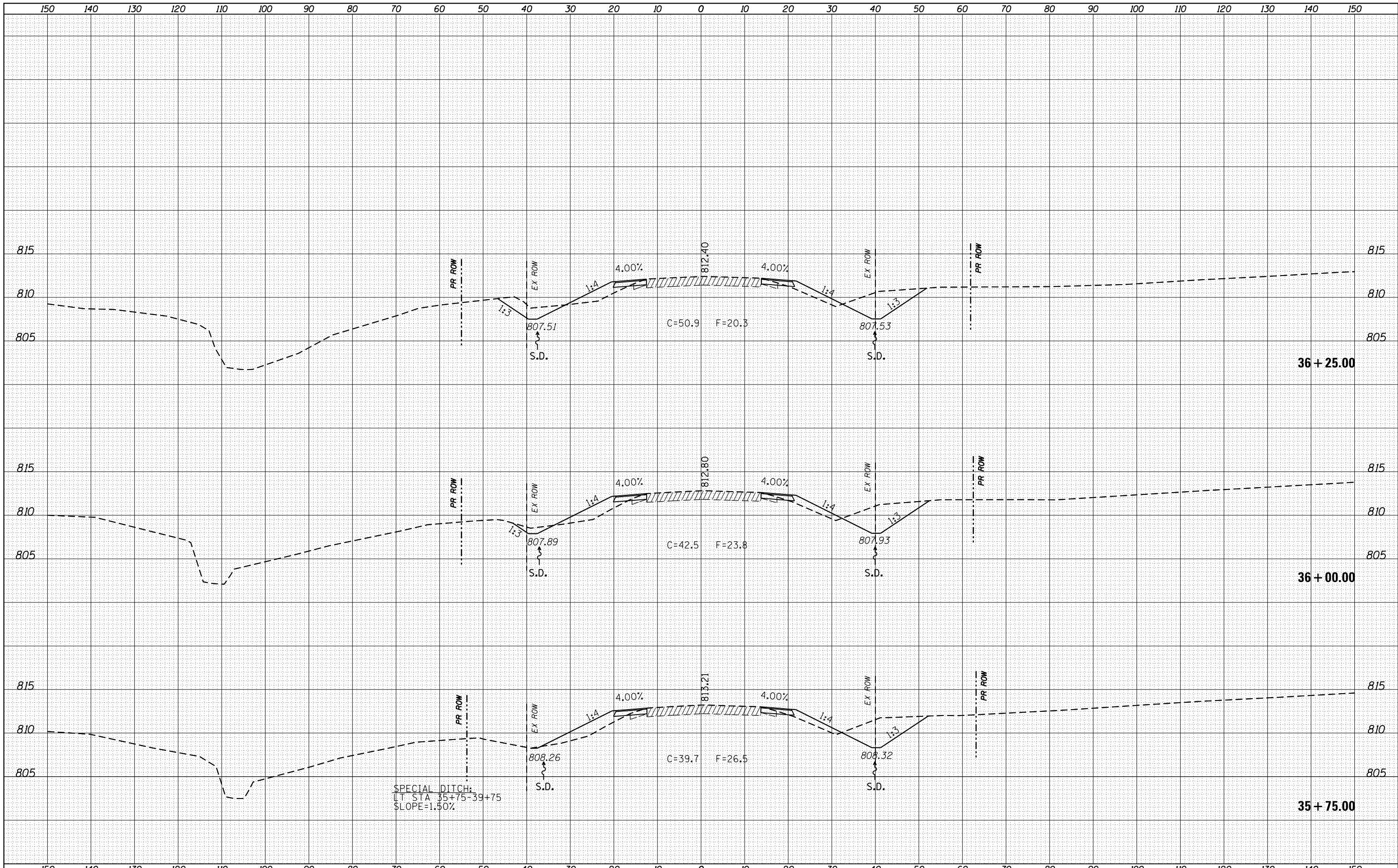


FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISIED -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>IL 26</b> <b>MAINLINE CROSS SECTIONS</b></p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	DOT Offices\District 2\Projects\P201108\CADD\Drawings\201108-sht-xssht.dgn	CHECKED -	REVISIED -		316	(102,114)T-3	LEE	231	164
	PLOT SCALE = 20.0000' / in.	DATE -	REVISIED -		CONTRACT NO. 64D86				
	PLOT DATE = Apr-20-2016 11:13:38 AM				ILLINOIS FED. AID PROJECT				



DATE	
BY	
FINAL SURVEY	
NOTE BOOK	
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SURVEYED	
PLOTTED	
TEMPLATE	
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DATE	
BY	
ORIGINAL SURVEY	
NOTE BOOK	
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SURVEYED	
PLOTTED	
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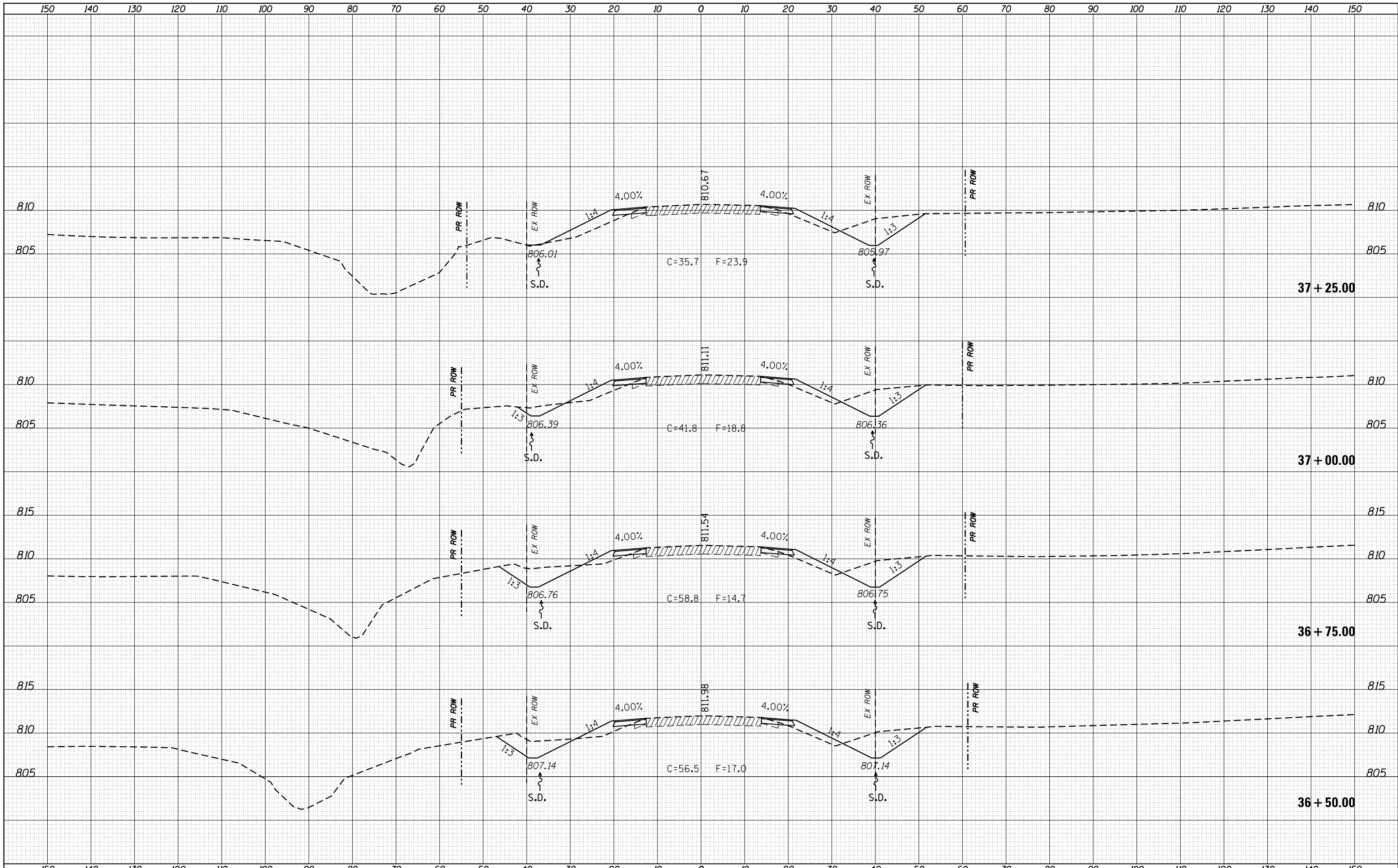


FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 26</b> <b>MAINLINE CROSS SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\P201108\CADD\Drawings\Drawings\201108-sht-xssht.dgn	PLLOT SCALE = 20.0000' / in.	CHECKED -	REVISIED -			316	(102,114)T-3	LEE	231	165
Default	PLLOT DATE = Apr-20-2016 11:13:39 AM	DATE -	REVISIED -			CONTRACT NO. 64D86				
						SCALE:	SHEET	OF	SHEETS	STA. 35+75.00

ILLINOIS FED. AID PROJECT

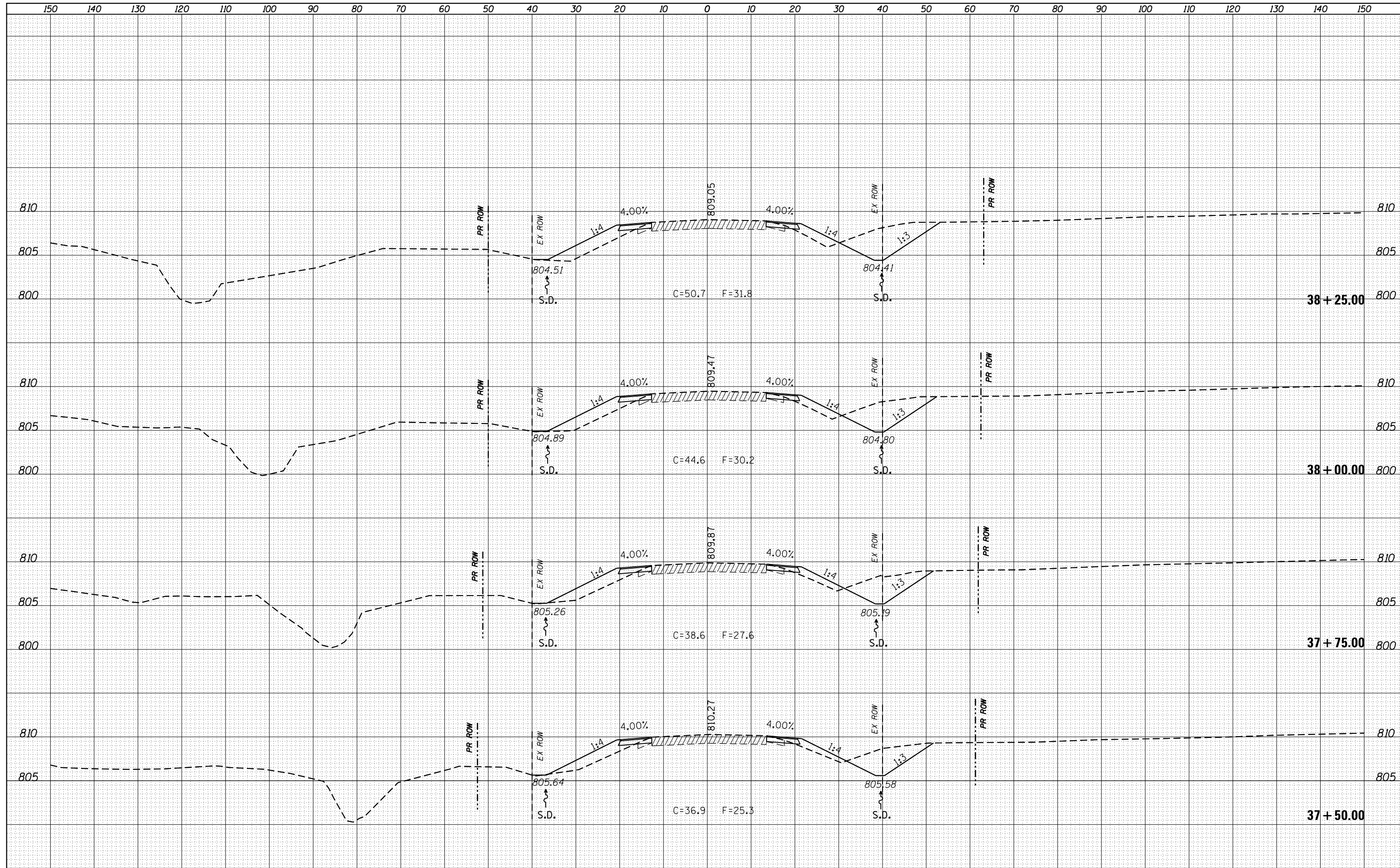
DATE	BY
FINISHED	SURVEYED
NO.	NO.
NOTE BOOK	PLATE
AREAS CHECKED	AREAS CHECKED

DATE	BY
ORIGINAL	SURVEYED
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NOTE BOOK	PLATE
AREAS CHECKED	AREAS CHECKED



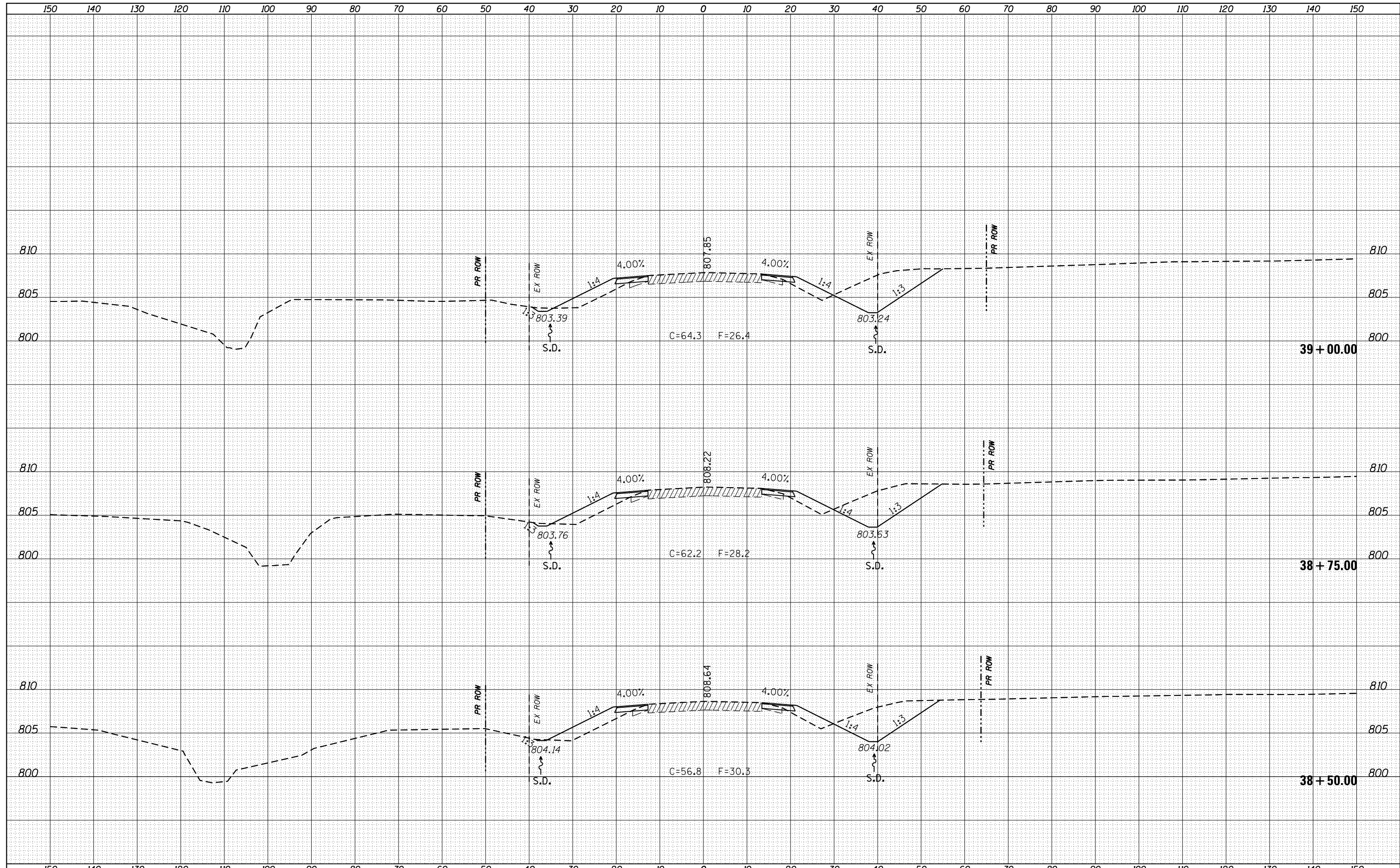
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DATE	
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NOTE BOOK	PLOTTED
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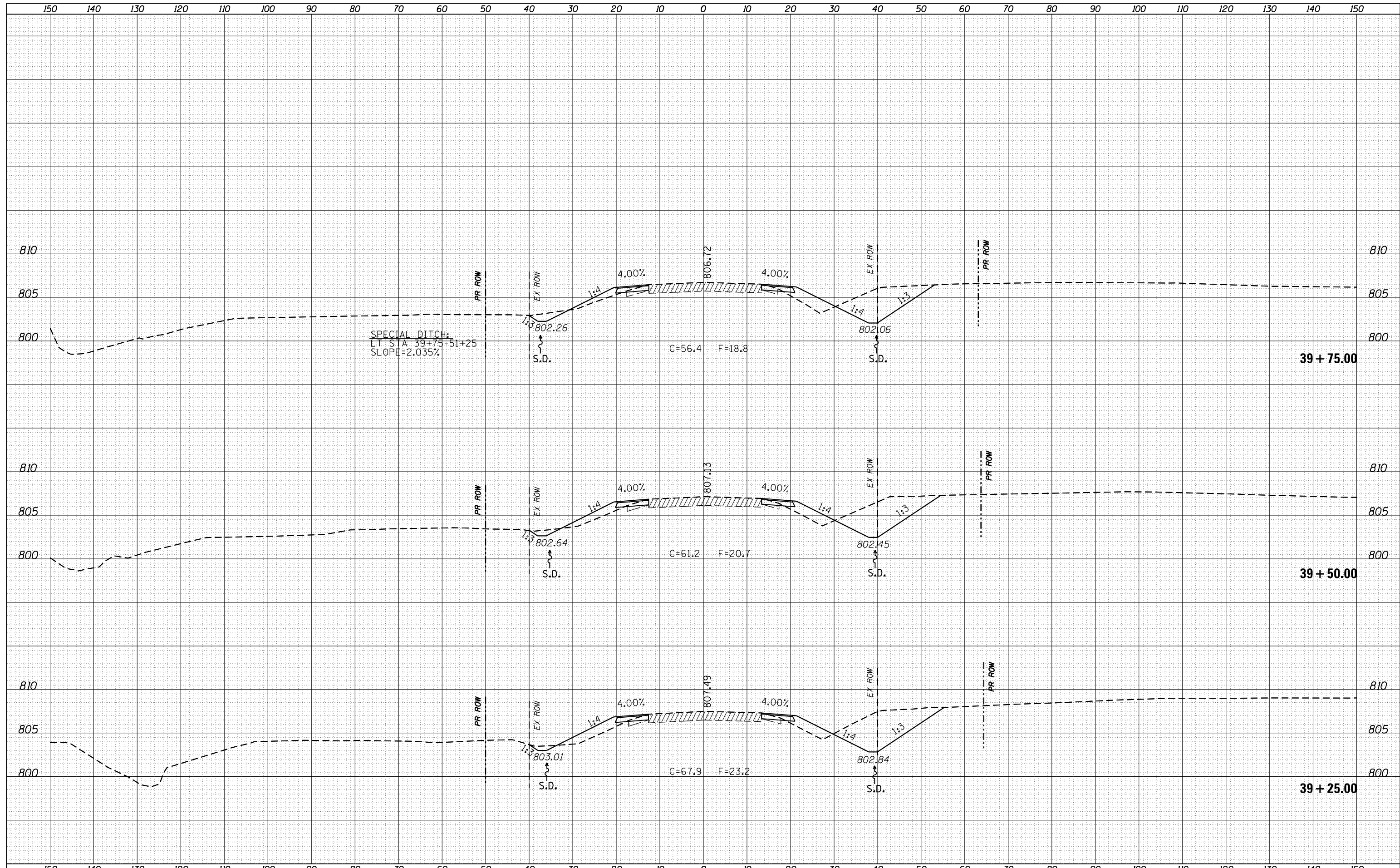
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BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS
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FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 26</b> <b>MAINLINE CROSS SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	DOT Offices\District 2\Projects\P201108\CADD\Drawings\201108-sht-xssht.dgn	REVISIED -	REVISIED -			316	(102,114)T-3	LEE	231	168
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	PLOT DATE = Apr-20-2016 11:13:40 AM	DATE -	REVISIED -			SCALE:	SHEET	OF	SHEETS	STA.

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SURVEYED	
PLOTTED	
TEMPLATE	
AREAS	
AREAS CHECKED	
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DATE	
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ORIGINAL SURVEY	
NOTE BOOK	
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AREAS CHECKED	
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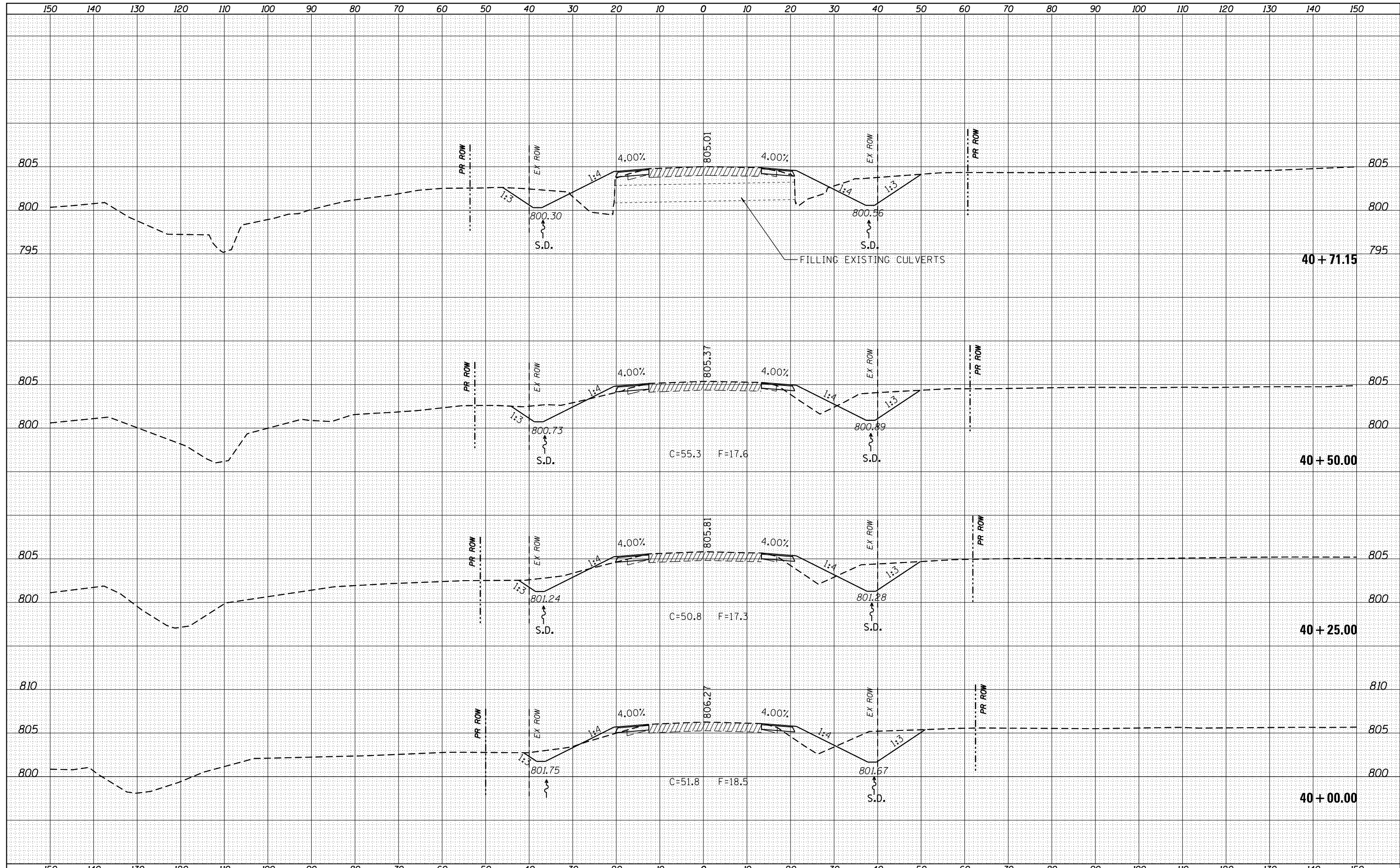


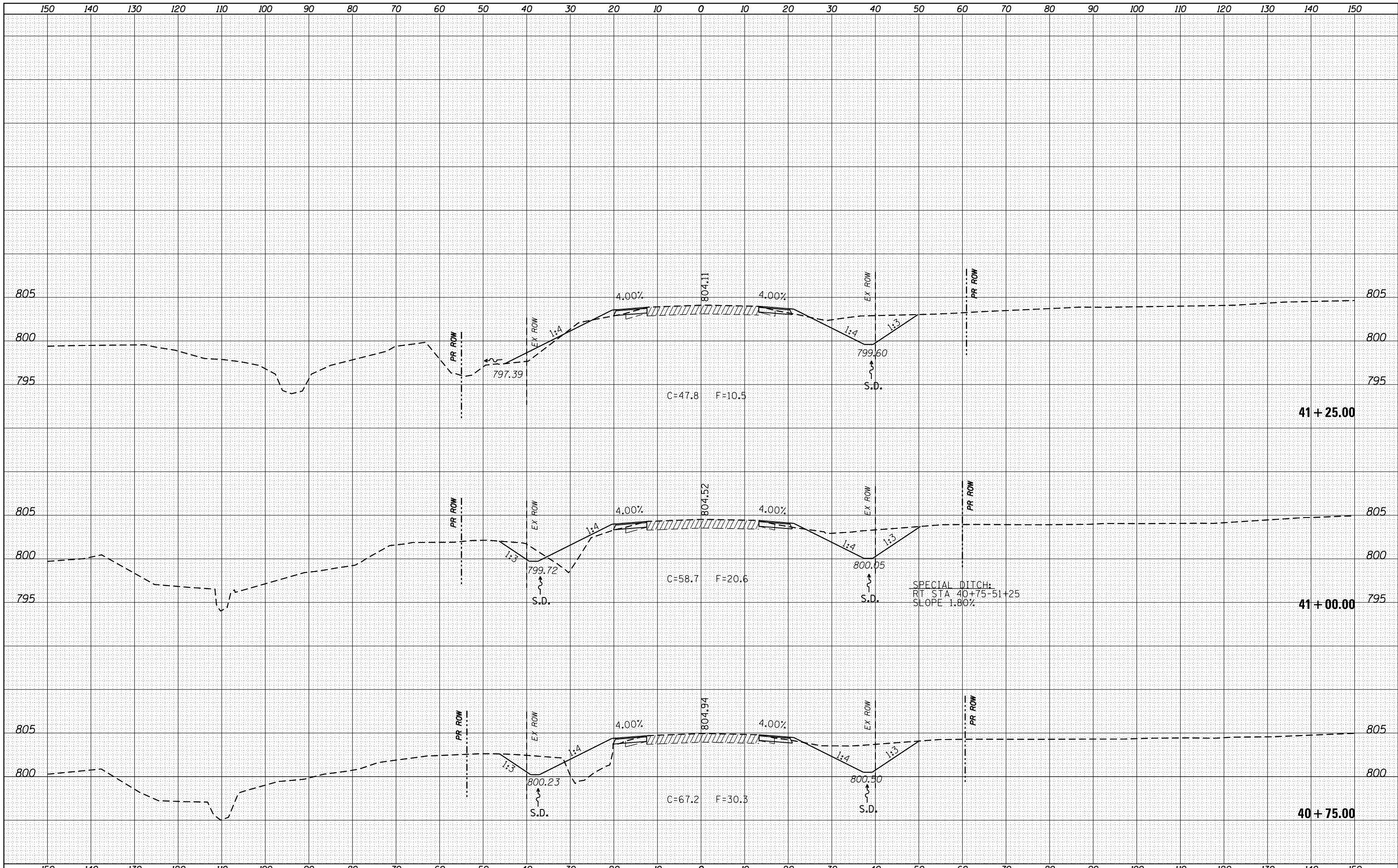
FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 26</b> <b>MAINLINE CROSS SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	DOT Offices\District 2\Projects\P201108\CADD\Drawings\201108-sht-xssht.dgn	CHECKED -	REVISIED -			316	(102,114)T-3	LEE	231	169	
	PLOT SCALE = 20.0000' / in.	DATE -	REVISIED -			CONTRACT NO. 64D86					
	PLOT DATE = Apr-20-2016 11:13:41 AM					ILLINOIS FED. AID PROJECT					



DATE	
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FINAL SURVEY	
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PLOTTED	
TEMPLATE	
AREAS	
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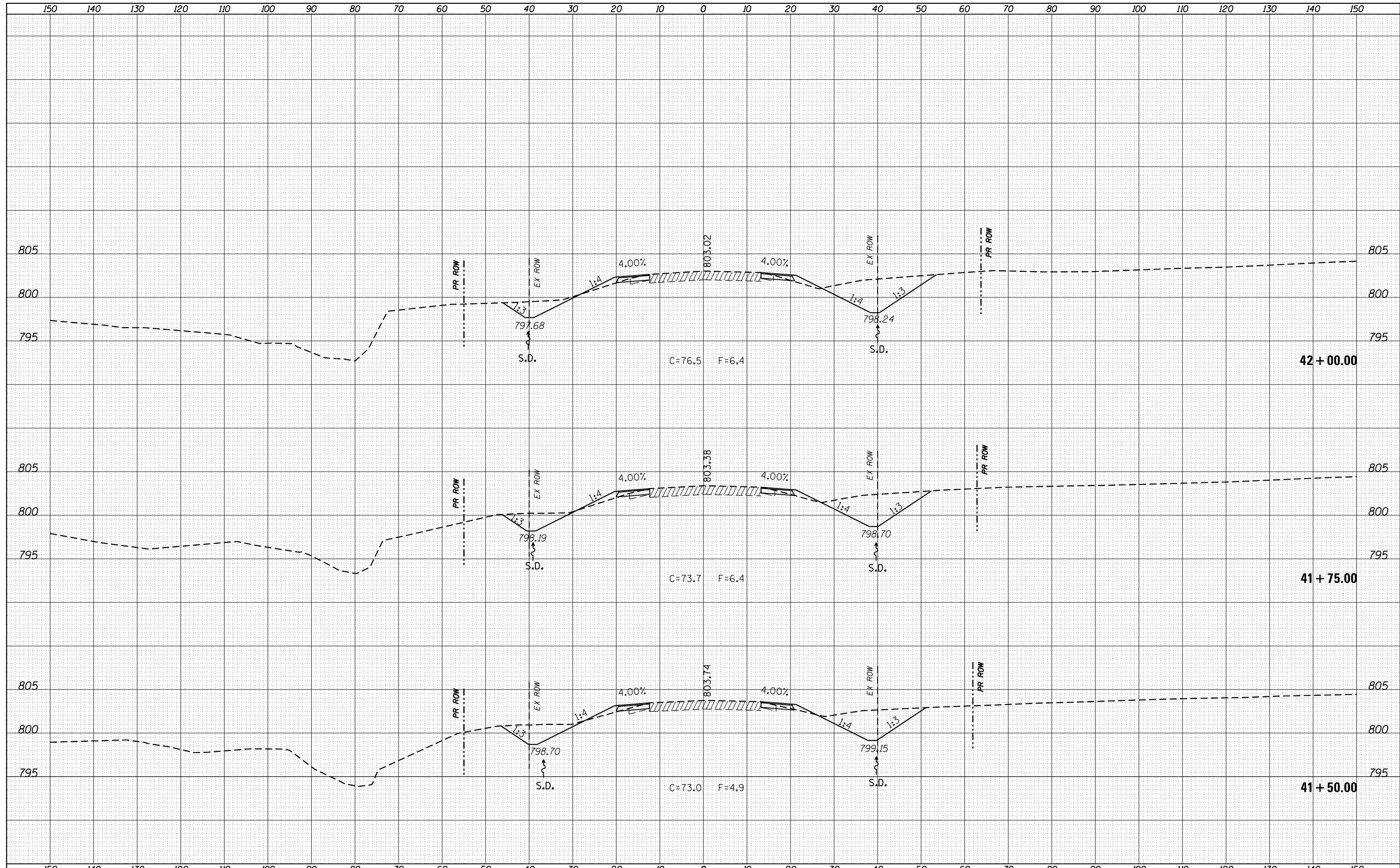
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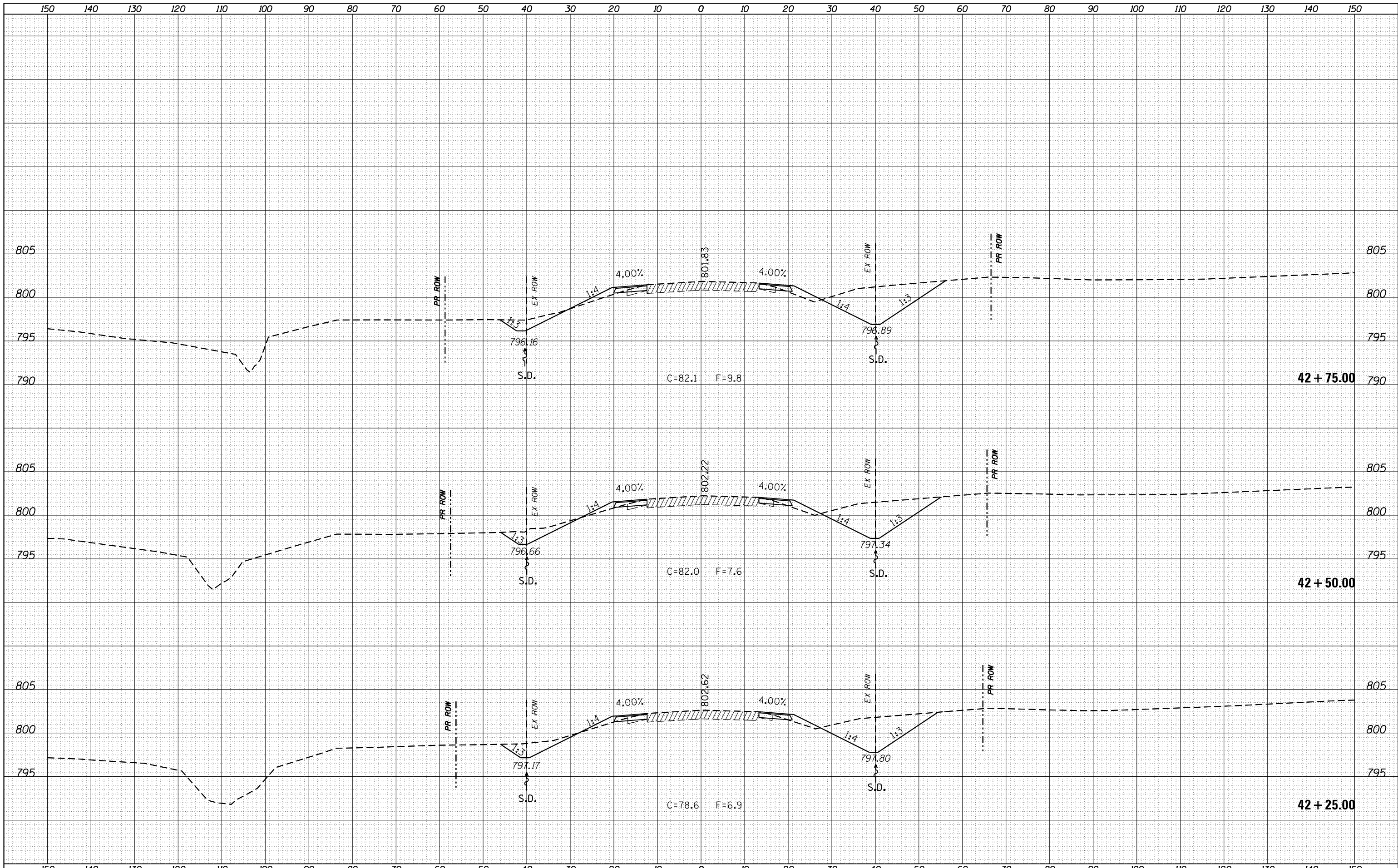


DATE	
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NOTE BOOK	PLOTTED
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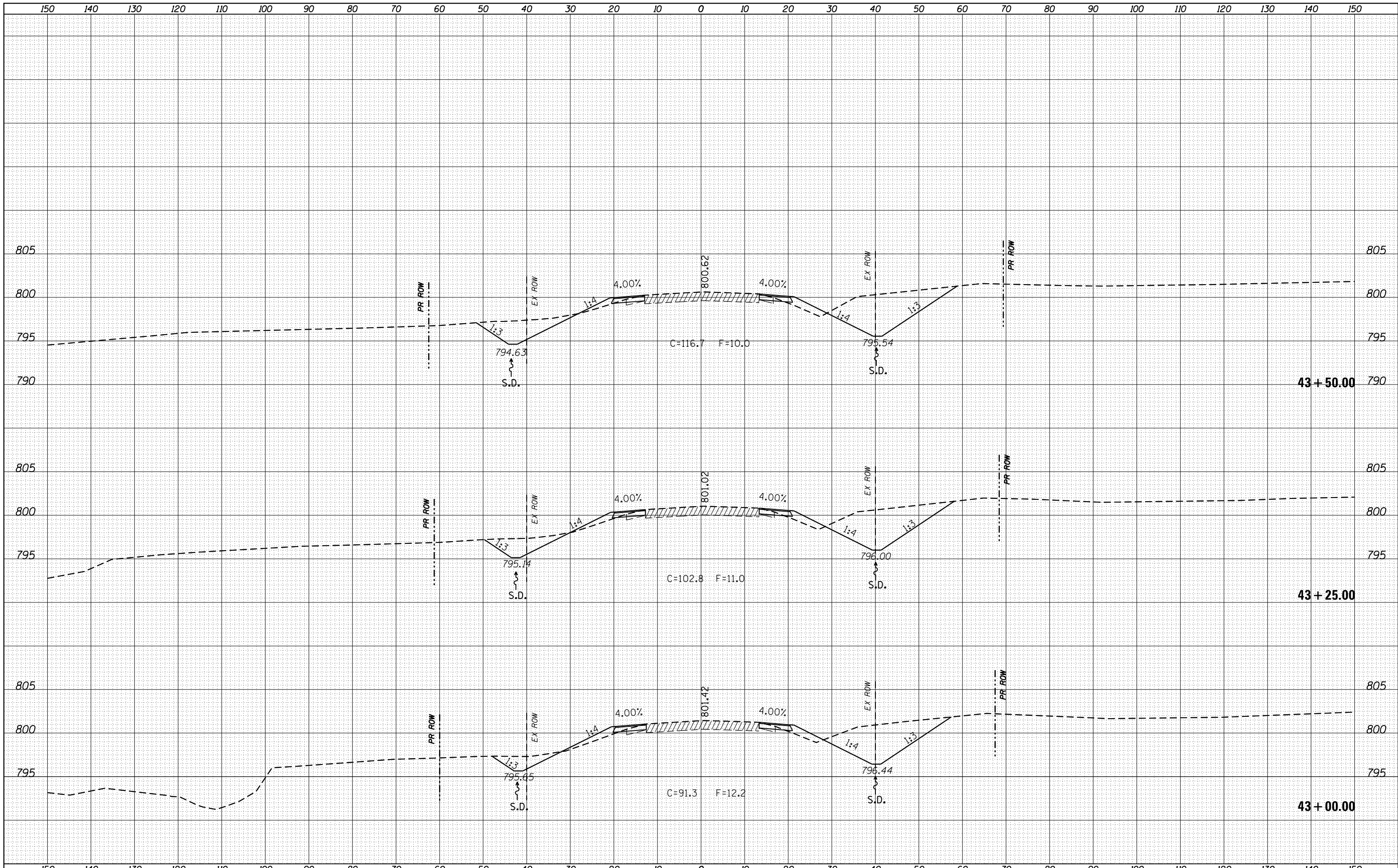
FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISOR -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 26</b> <b>MAINLINE CROSS SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11084EBIDINTEG\Illinois.gov\PI\DOT\Documents\DOT Offices\District 2\Projects\P201108\CADD\Drawings\Drawings\201108-sht-xssht.dgn	NO. OF SHEETS	NO. OF SHEETS	NO. OF SHEETS			NO. OF SHEETS	NO. OF SHEETS				
PLOT SCALE = 20.0000' / in.	CHECKED -	REVISOR -	NO. OF SHEETS			NO. OF SHEETS	NO. OF SHEETS				
Default	DATE -	REVISOR -	NO. OF SHEETS			NO. OF SHEETS	NO. OF SHEETS				
PLOT DATE = Apr-20-2016 11:13:42 AM						SCALE: SHEET OF SHEETS STA. TO STA.		CONTRACT NO. 64D86			
						ILLINOIS FED. AID PROJECT					





BY	DATE
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AREAS	
CHECKED	
FINAL SURVEY NOTE BOOK NO.	

BY	DATE
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TEMPLATE	
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ORIGINAL SURVEY NOTE BOOK NO.	

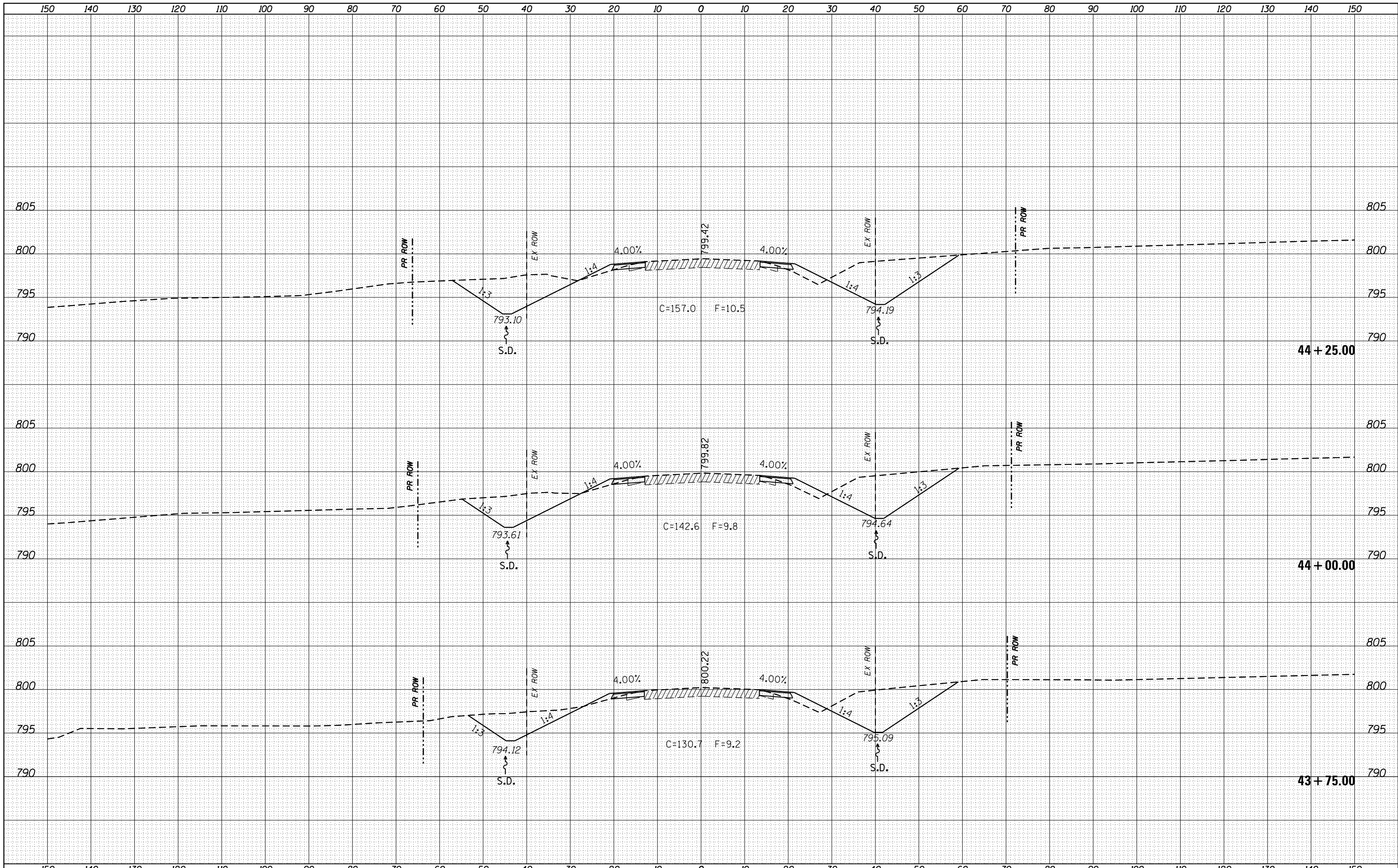


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FINAL SURVEY	
NOTE BOOK	
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ORIGINAL SURVEY	
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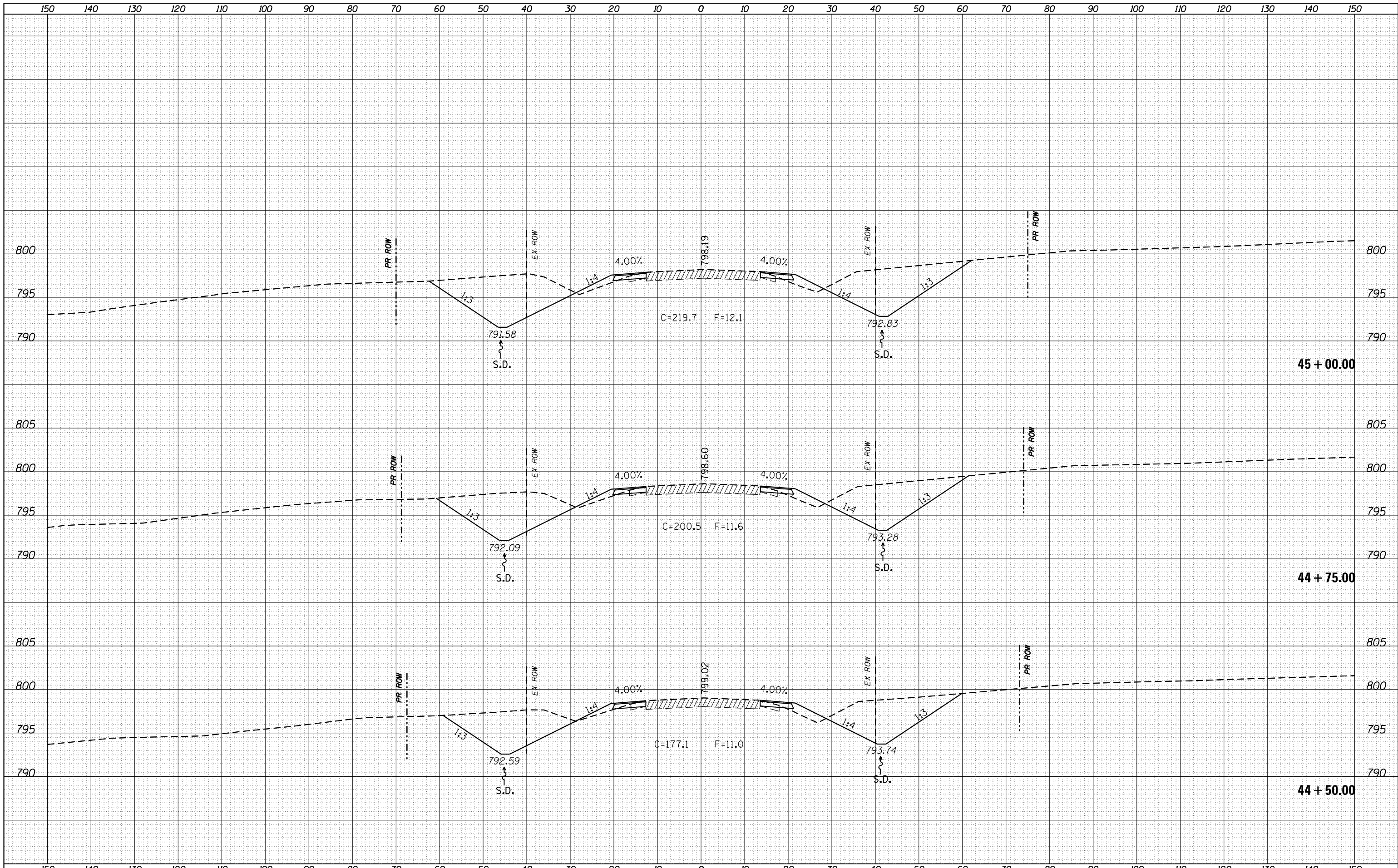
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FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b>	<b>IL 26 MAINLINE CROSS SECTIONS</b>		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 2\Projects\P201108\CADD\DRAWINGS\201108-sht-xssht.dgn		REVISIED -	REVISIED -		316	(102,114)T-3	LEE	231	175		
Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISIED -		CONTRACT NO. 64D86						
	PLOT DATE = Apr-20-2016 11:13:43 AM	DATE -	REVISIED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA. 44+25.00	ILLINOIS FED. AID PROJECT

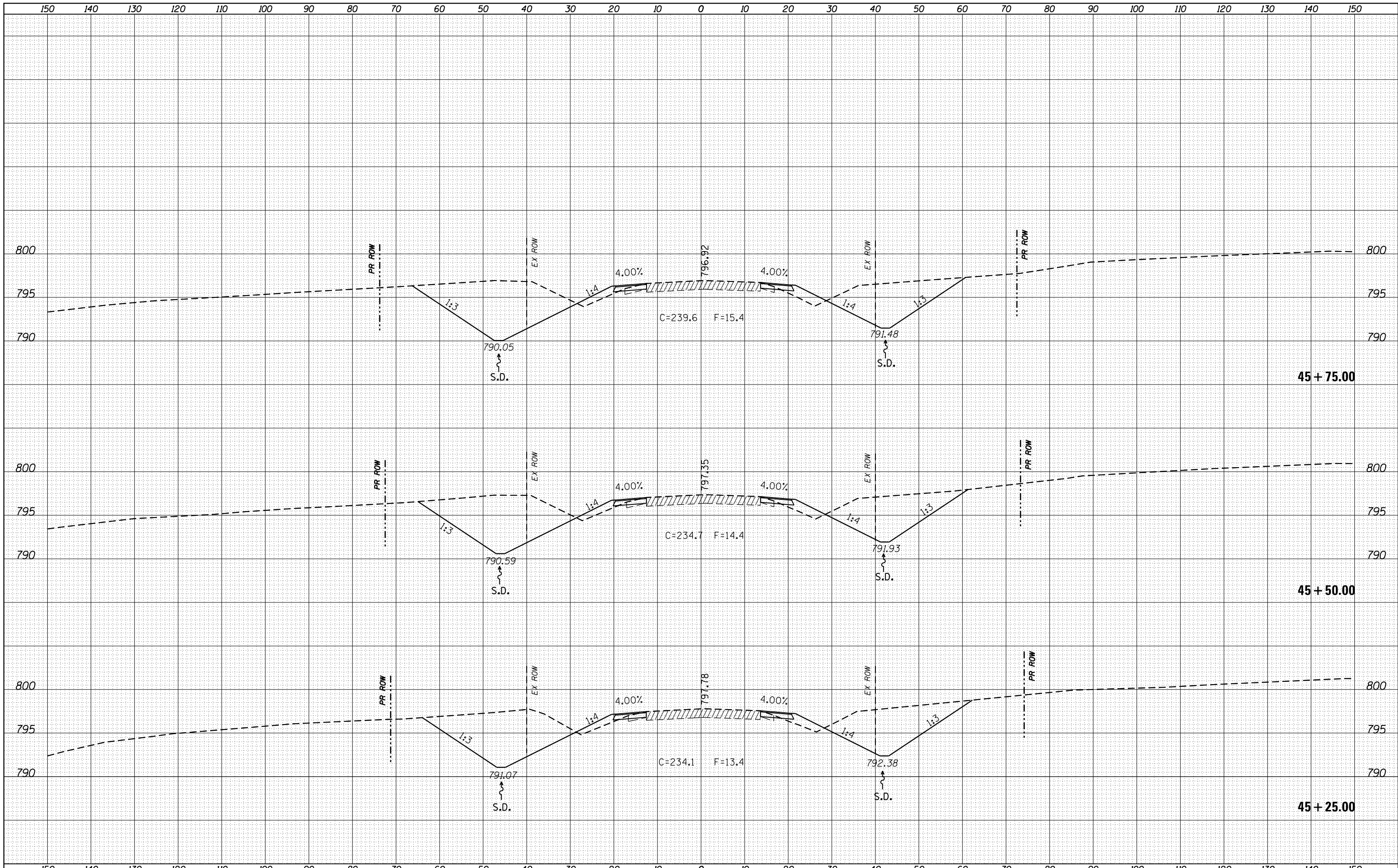
DATE	
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FINAL SURVEY NOTE BOOK NO.	

DATE	
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SURVEYED	
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ORIGINAL SURVEY NOTE BOOK NO.	



DATE	
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DATE	
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FILE NAME = p:\11084EBIDINTEG\Illinois.gov\PWIDOT\Documents\IDOT Offices\District 2\Projects\P201108\CADD\Drawings\201108-sht-xssht.dgn  
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 PLOT DATE = Apr-20-2016 11:13:44 AM

USER NAME = grantpm  
 DESIGNED -  
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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

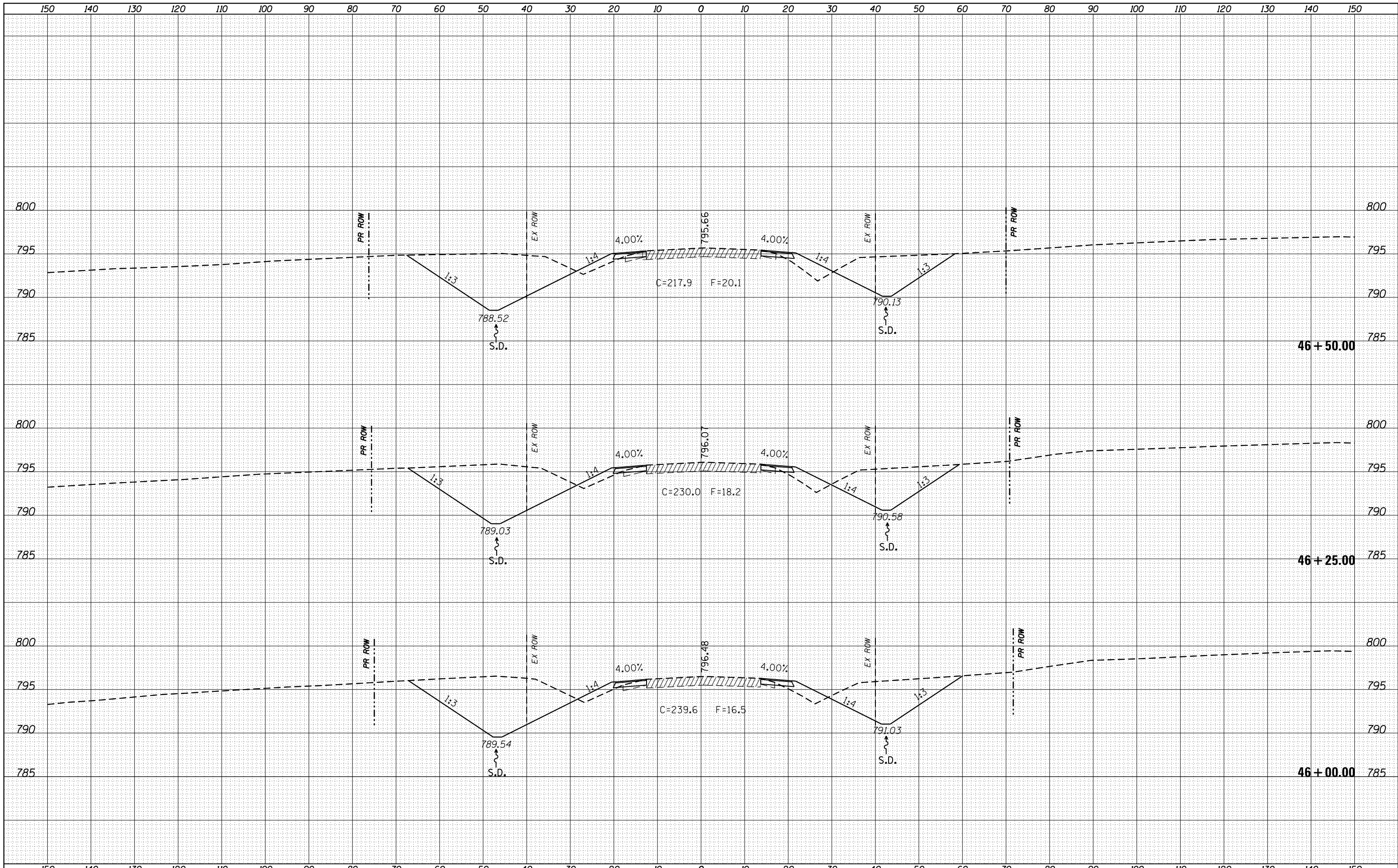
**IL 26  
 MAINLINE CROSS SECTIONS**  
 SCALE: SHEET OF SHEETS STA. 45+25.00 TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	177
CONTRACT NO. 64D86			ILLINOIS FED. AID PROJECT	



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

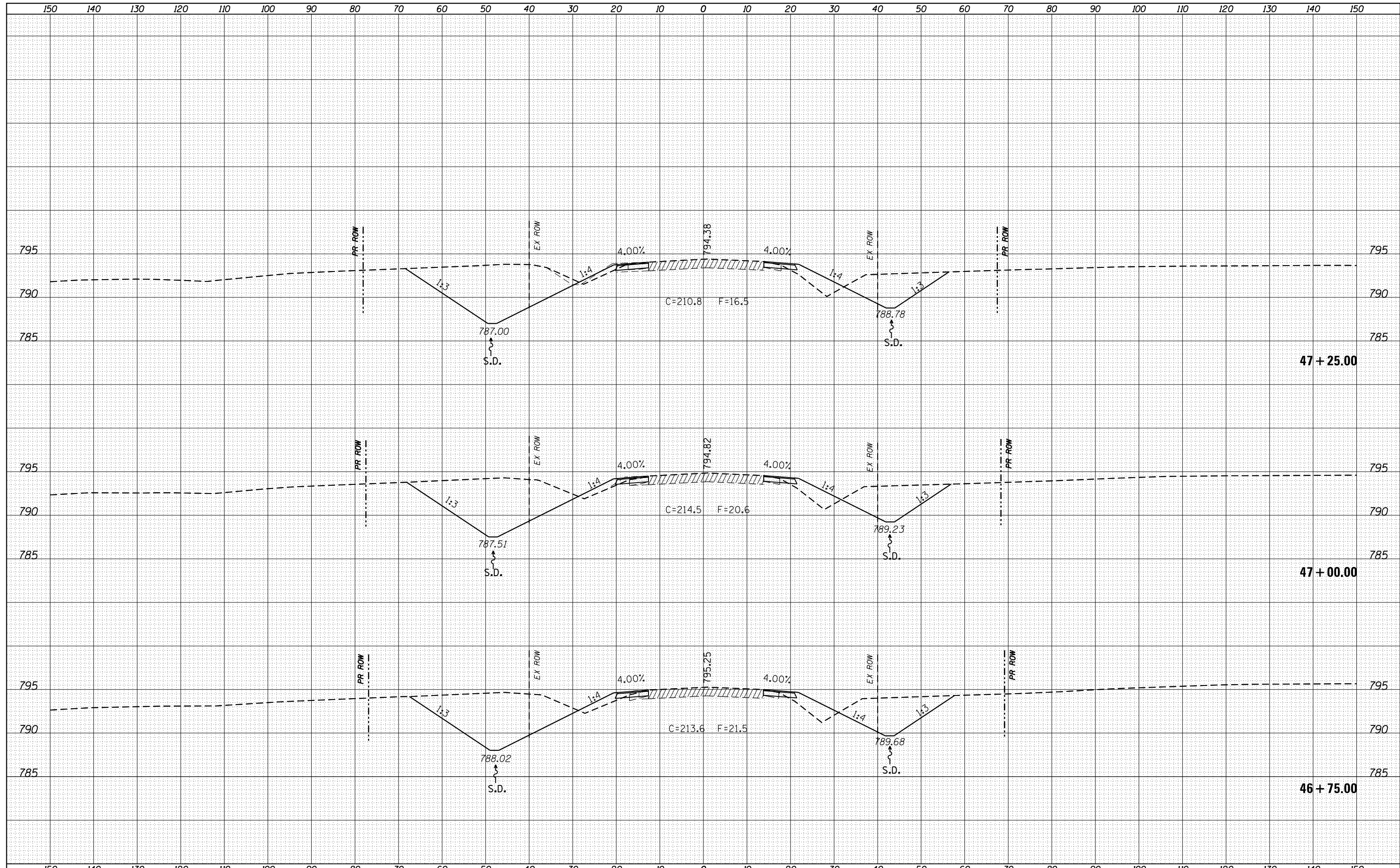
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NOTE BOOK NO.	
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FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 26</b> <b>MAINLINE CROSS SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
p:\11084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\P201108\CADD\Drawings\Drawings\201108-sht-xssht.dgn	PLLOT SCALE = 20.0000' / in.	CHECKED -	REVISIED -			316	(102,114)T-3	LEE	231	178	
Default	PLLOT DATE = Apr-20-2016 11:13:45 AM	DATE -	REVISIED -			CONTRACT NO. 64D86		ILLINOIS FED. AID PROJECT			
						SCALE:	SHEET	OF	SHEETS	STA. 46+00.00	TO STA.

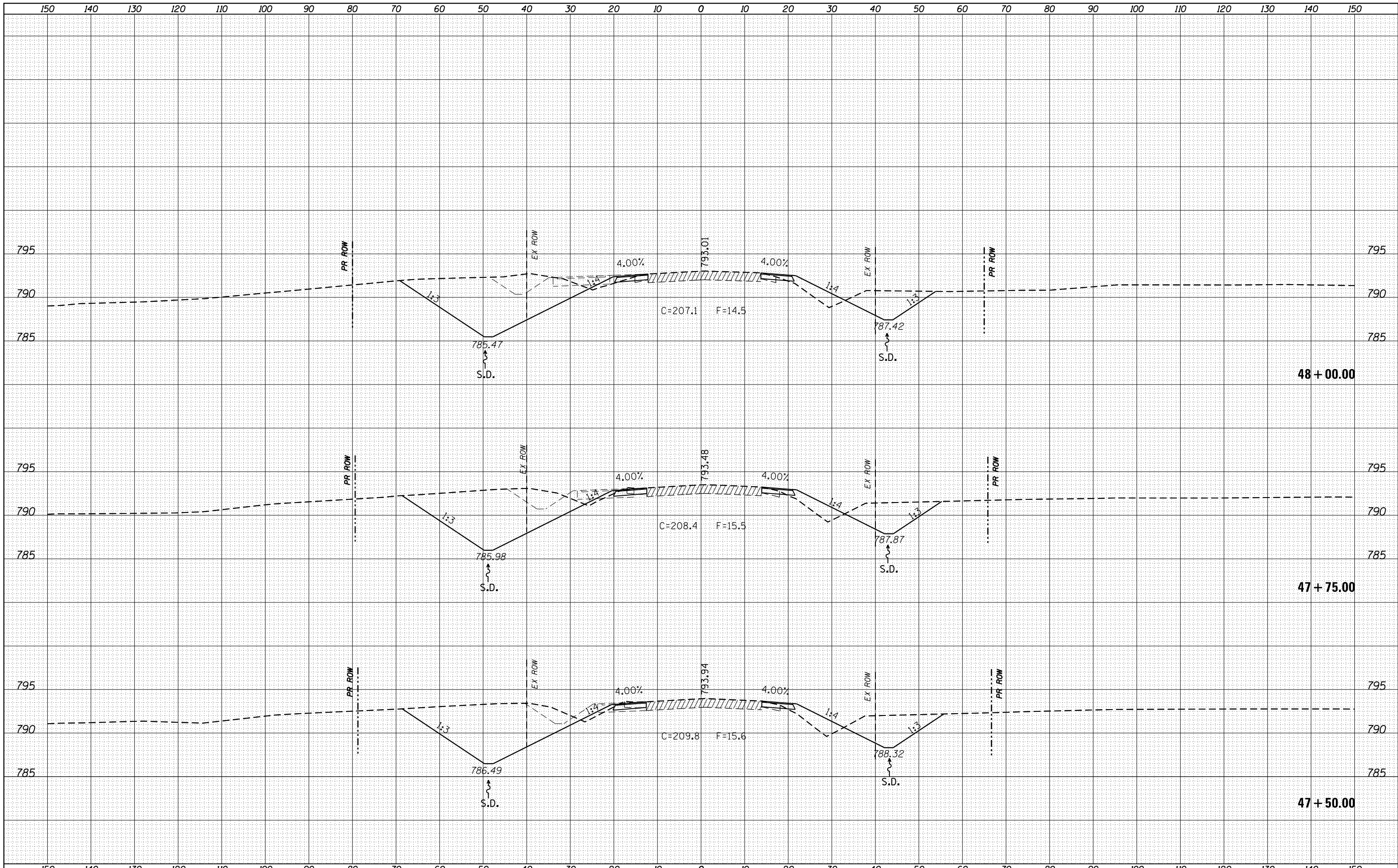
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FINAL SURVEY NO.	
NOTE BOOK NO.	
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ORIGINAL SURVEY NO.	
NOTE BOOK NO.	
AREAS CHECKED	



DATE	
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ORIGINAL	
SURVEY	
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FILE NAME = p:\11084EBIDINTEG\Illinois.gov\PIWDOT\Documents\IDOT Offices\District 2\Projects\P201108\CAD\DRAWING\shhets\D201108-sht-xssht.dgn

USER NAME = grantpm  
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 PLOT SCALE = 20.0000' / in.  
 PLOT DATE = Apr-20-2016 11:13:46 AM

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

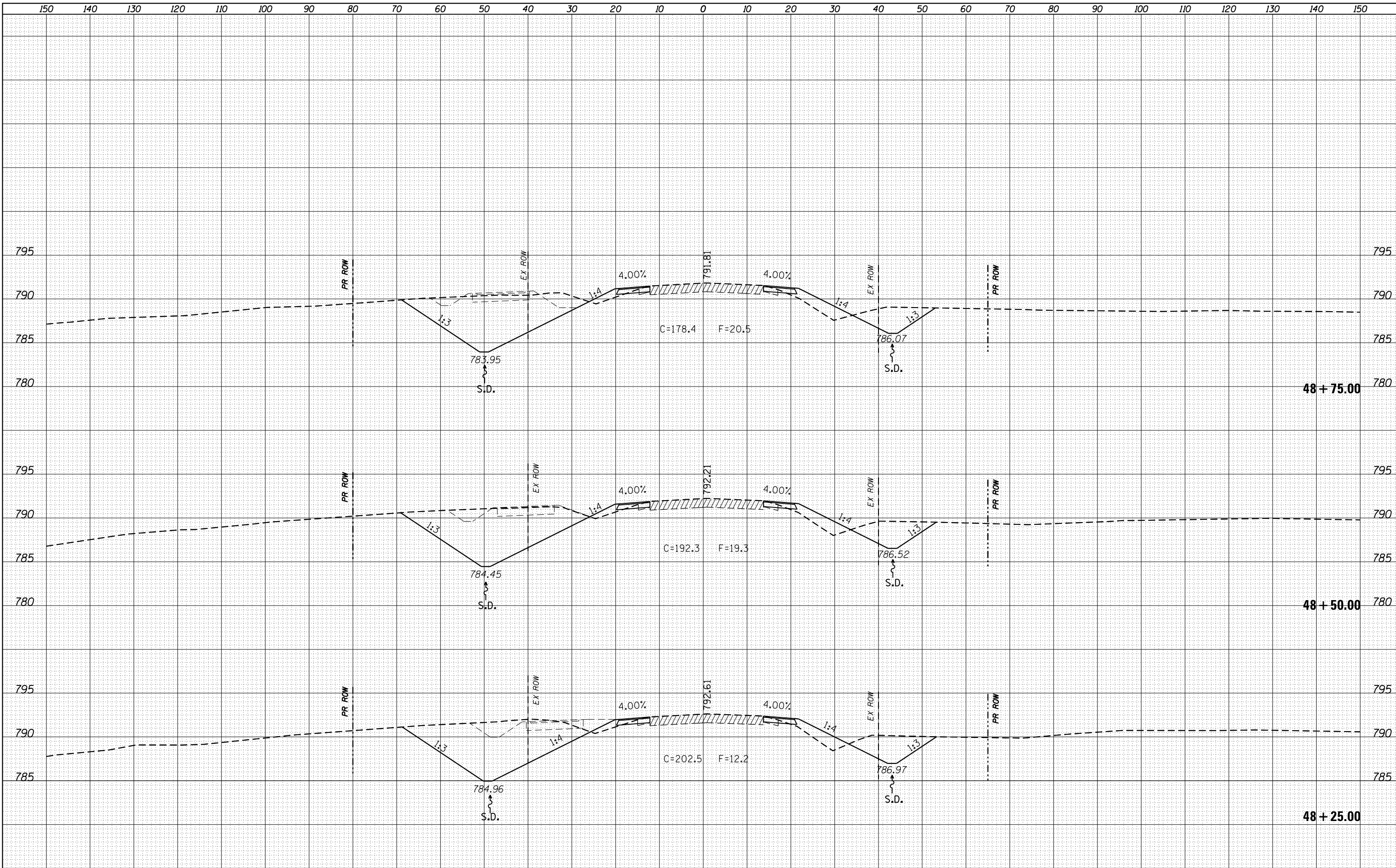
**IL 26**  
**MAINLINE CROSS SECTIONS**  
 SCALE: SHEET OF SHEETS STA. TO STA. 48+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	180
			CONTRACT NO. 64D86	
ILLINOIS FED. AID PROJECT				



BY				DATE			
	FINAL	SURVEYED	PLOTTED				
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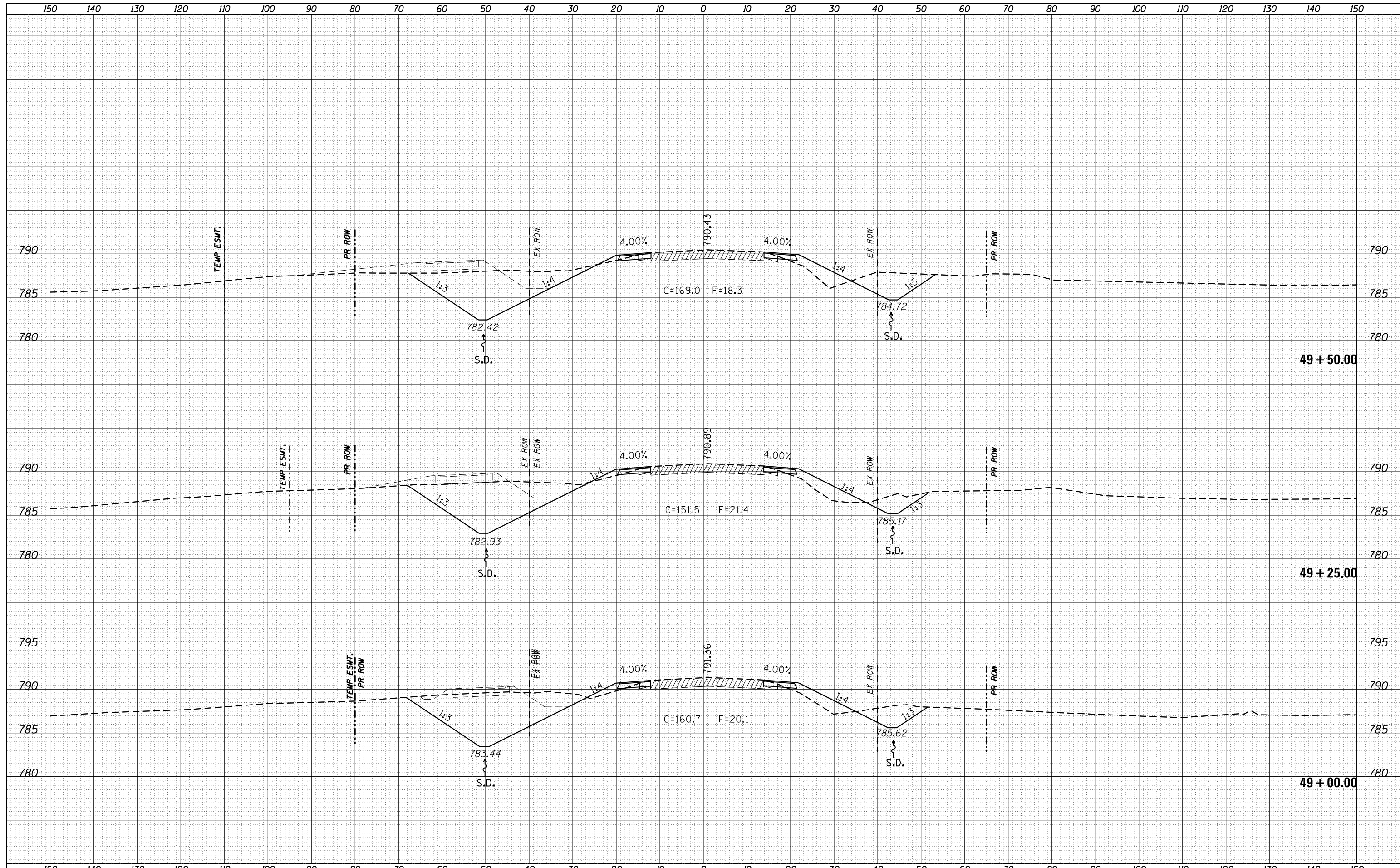
BY				DATE			
	ORIGINAL	SURVEYED	PLOTTED				
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PLOT SCALE = 20.0000' / in.	CHECKED -	REVISIONS	SCALE:			SHEET	OF	SHEETS	STA.	TO	STA.
PLOT DATE = Apr-20-2016 11:13:46 AM	DATE -	REVISIONS				CONTRACT NO. 64D86					
			ILLINOIS FED. AID PROJECT								

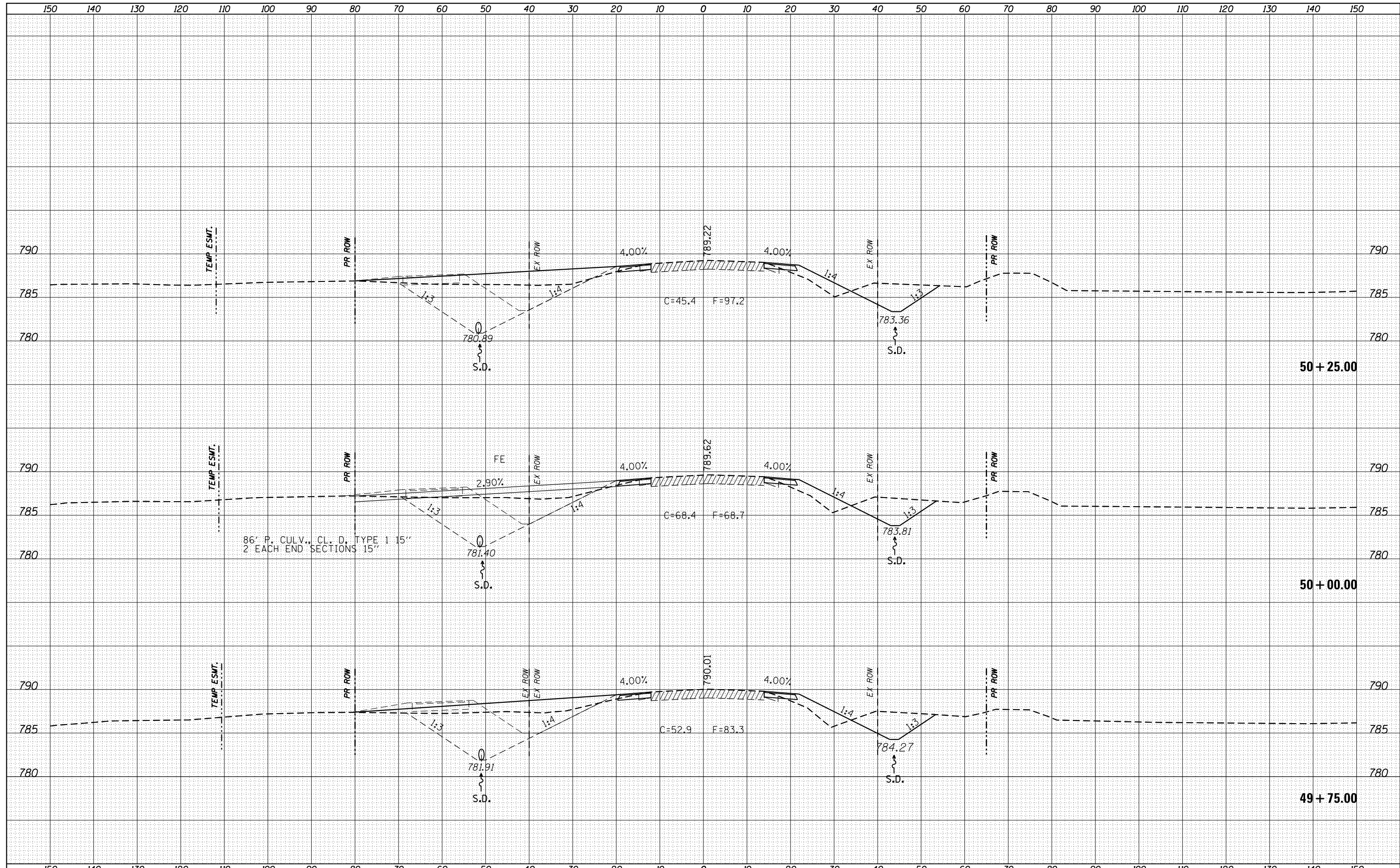
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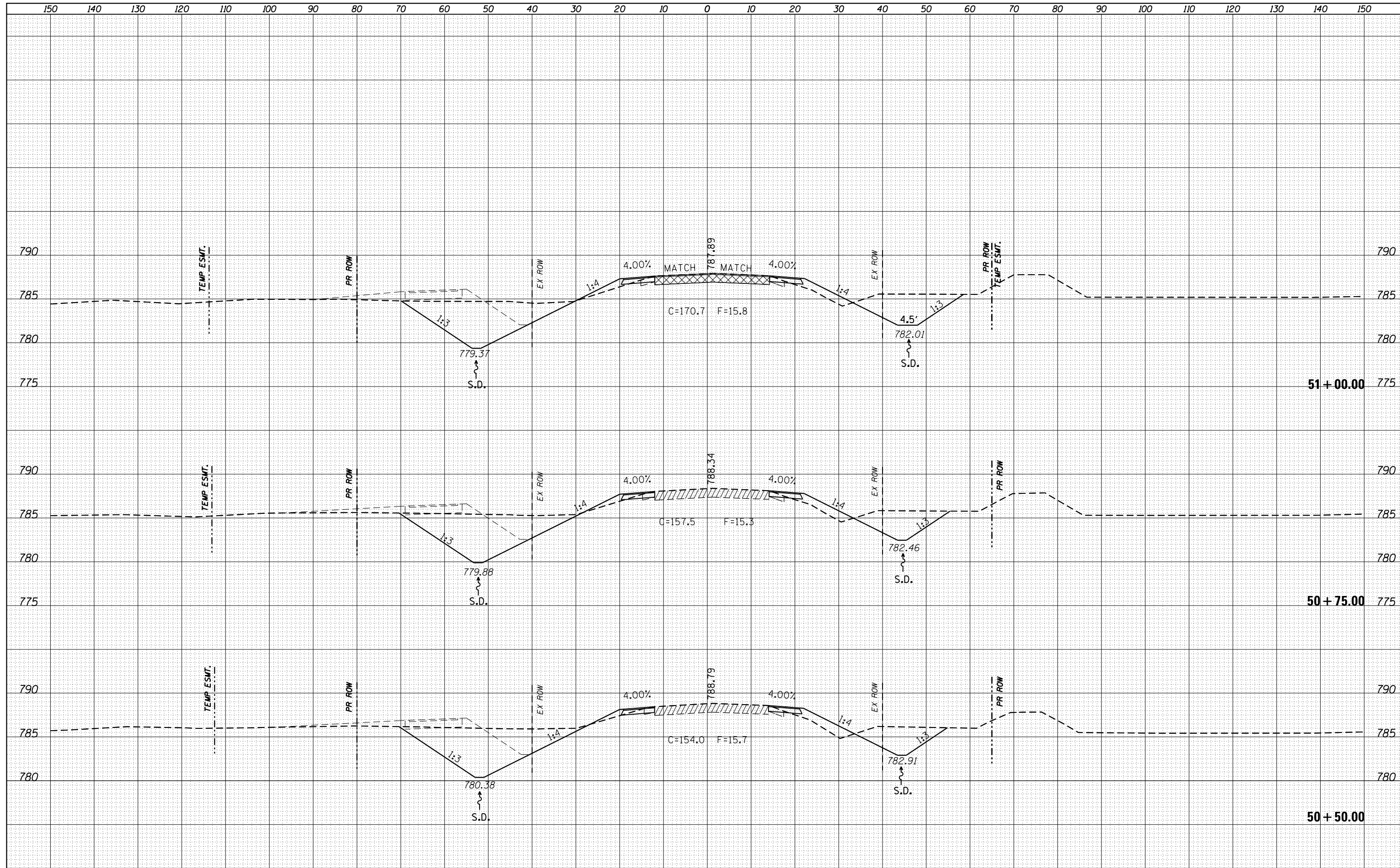
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AREAS	
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FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 26</b> <b>MAINLINE CROSS SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	DOT Offices\District 2\Projects\P201108\CADD\Drawings\201108-sht-xssht.dgn	CHECKED -	REVISIED -			316	(102,114)T-3	LEE	231	183	
	PLOT SCALE = 20.0000' / in.	DATE -	REVISIED -			CONTRACT NO. 64D86					
	PLOT DATE = Apr-20-2016 11:13:47 AM					ILLINOIS FED. AID PROJECT					

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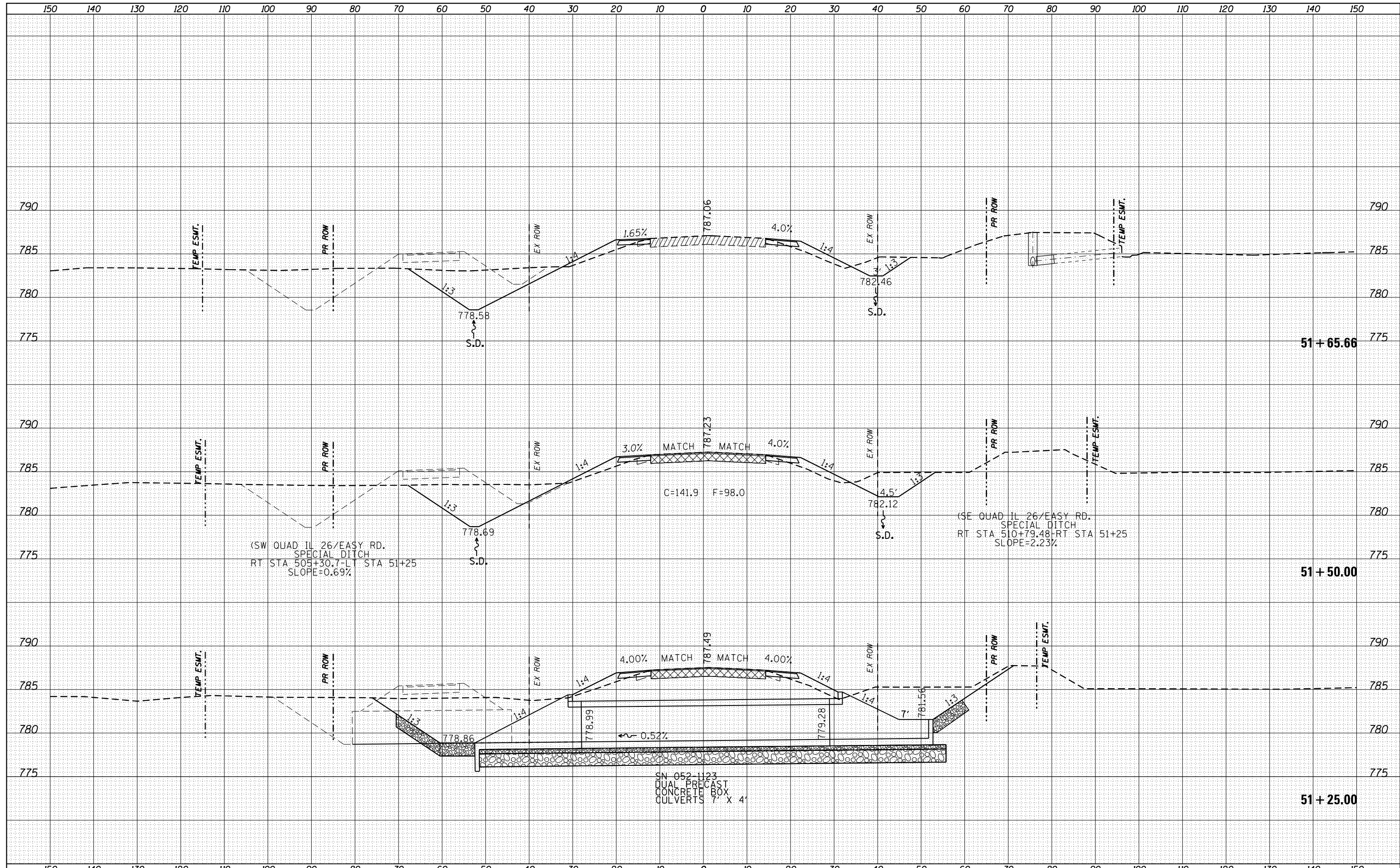
DATE	
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TEMPLATE	
AREAS	
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ORIGINAL SURVEY	
NOTE BOOK	
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DATE	
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TEMPLATE	
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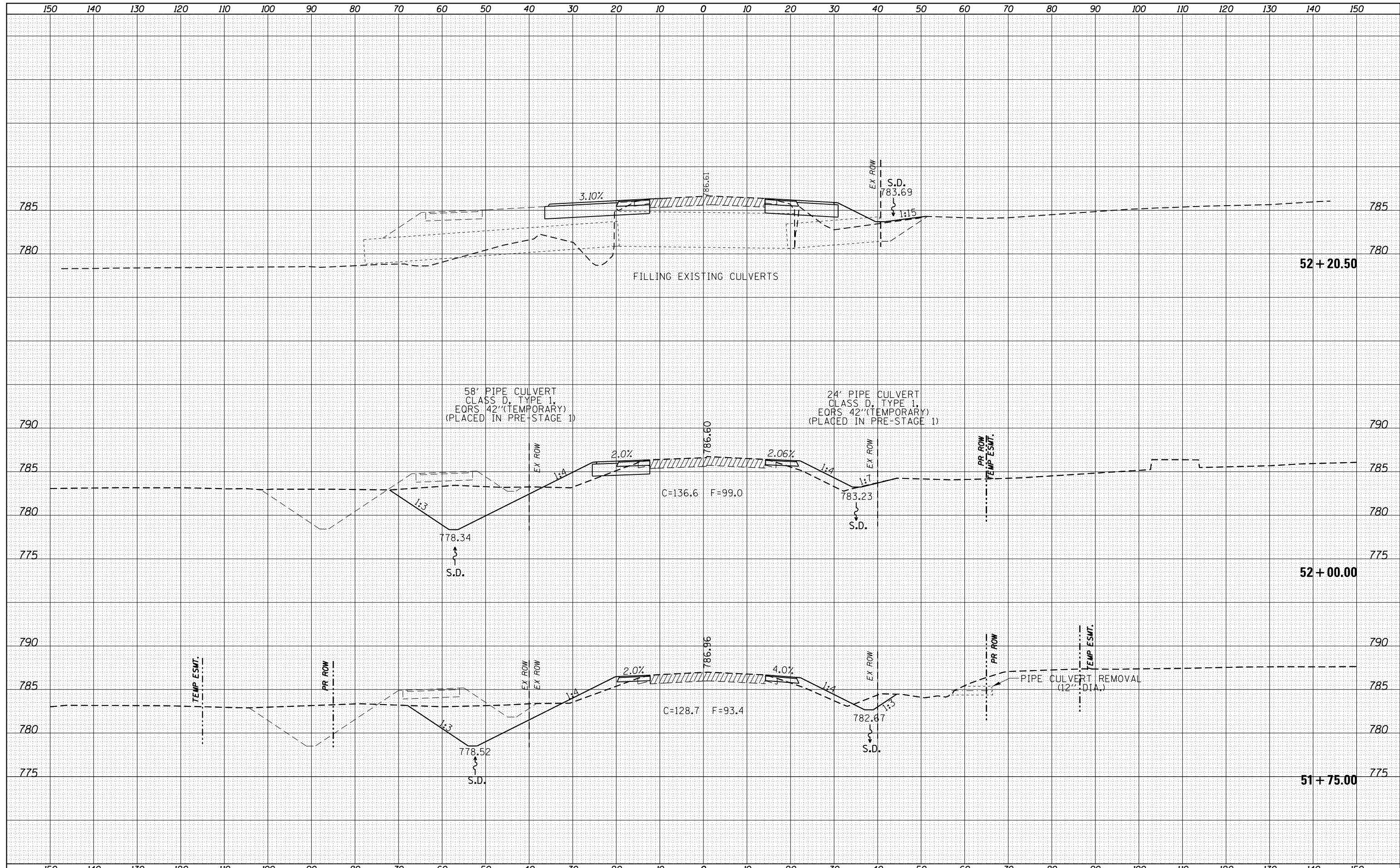
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FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISD -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 26</b> <b>MAINLINE CROSS SECTIONS</b>			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\il084EBIDINTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 2\Projects\P201108\CADD\DRAWINGS\201108-sht-xssht.dgn	PLLOT SCALE = 20.0000' / in.	CHECKED -	REVISD -					316	(102,114)T-3	LEE	231	185
Default	PLOT DATE = Apr-20-2016 11:13:48 AM	DATE -	REVISD -					CONTRACT NO. 64D86				
								ILLINOIS FED. AID PROJECT				

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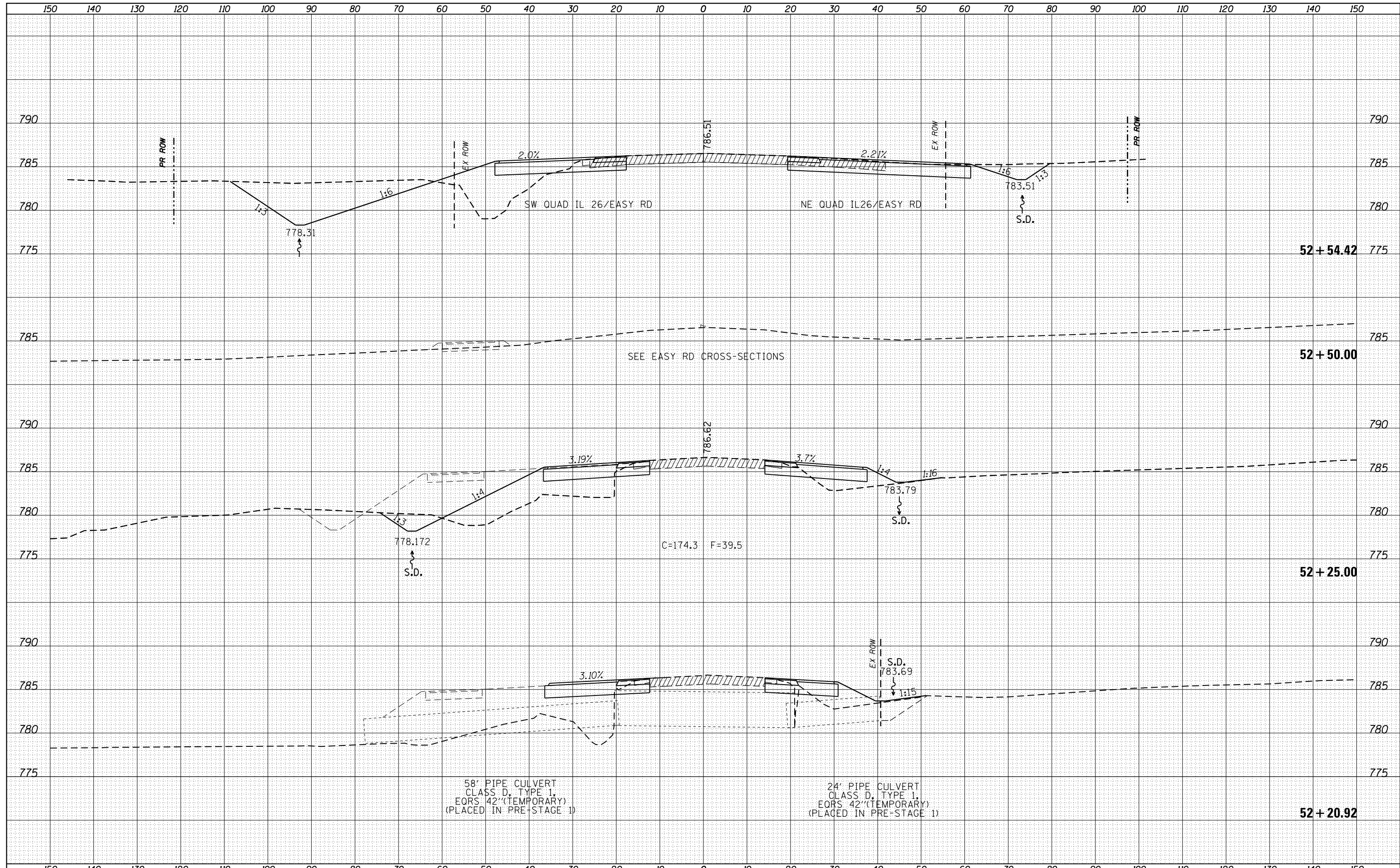
DATE	
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FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 26</b> <b>MAINLINE CROSS SECTIONS</b>	F.A.P. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	DOT Offices\District 2\Projects\P201108\CADD\Drawings\201108-sht-xssht.dgn	CHECKED -	REVISIED -			316	(102,114)T-3	LEE	231	186	
	PLOT SCALE = 20.0000' / in.	DATE -	REVISIED -			CONTRACT NO. 64D86					
	PLOT DATE = Apr-20-2016 11:13:49 AM					ILLINOIS FED. AID PROJECT					

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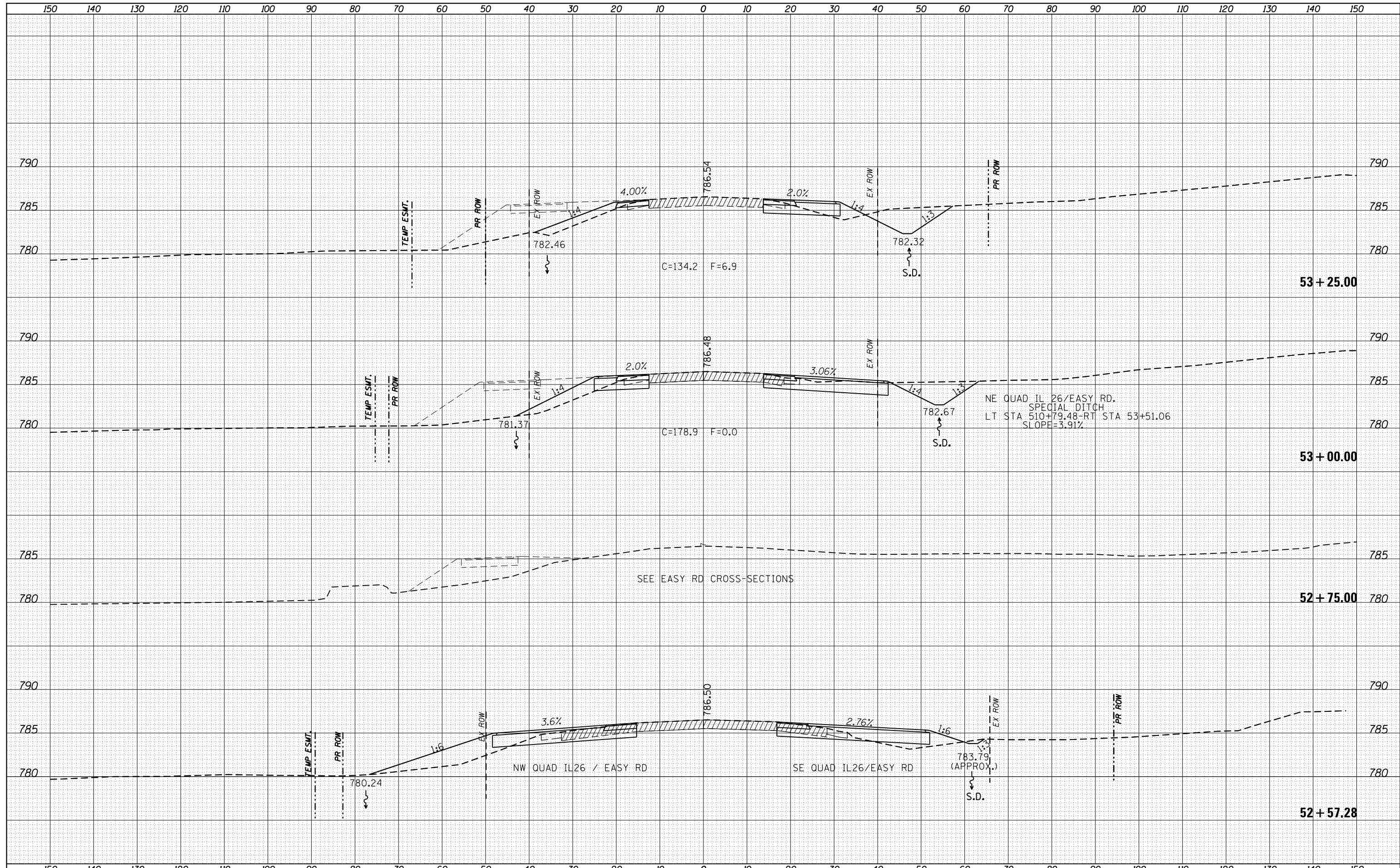
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FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 26</b> <b>MAINLINE CROSS SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\11084EBIDINTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 2\Projects\P201108\CADD\DRAWINGS\201108-sht-xssht.dgn	PLLOT SCALE = 20.0000' / in.	CHECKED -	REVISED -			316	(102,114)T-3	LEE	231	187
Default	PLLOT DATE = Apr-20-2016 11:34:49 AM	DATE -	REVISED -			CONTRACT NO. 64D86			ILLINOIS FED. AID PROJECT	
						SCALE:	SHEET	OF	SHEETS	STA. 52+20.92

DATE	
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ORIGINAL SURVEY	
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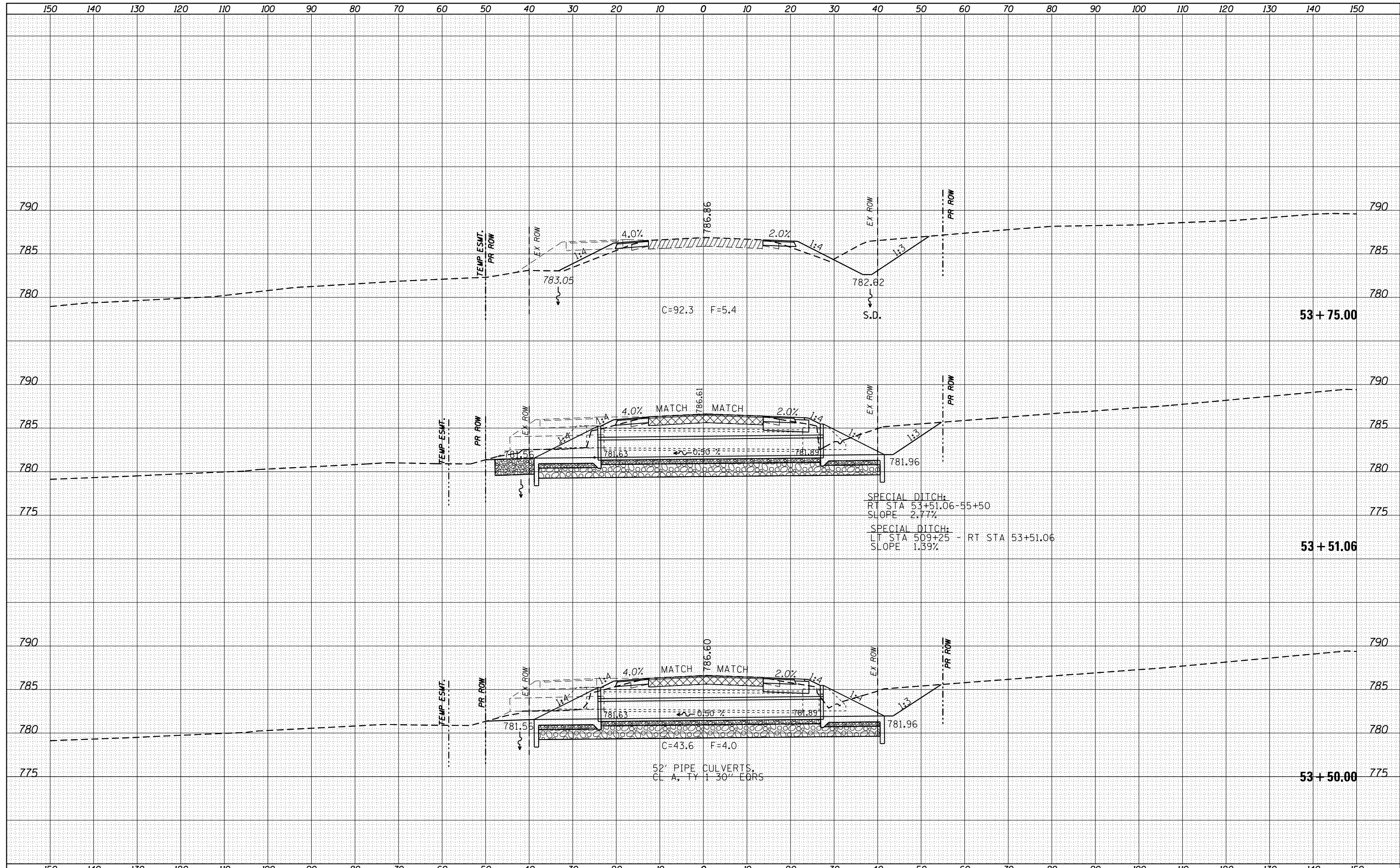


FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISOR -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 26</b> <b>MAINLINE CROSS SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	DOT Offices\District 2\Projects\P201108\CADD\Drawings\201108-sht-xssht.dgn	CHECKED -	REVISOR -			316	(102,114)T-3	LEE	231	188	
	PLOT SCALE = 20.0000' / in.	DATE -	REVISOR -			CONTRACT NO. 64D86					
	PLOT DATE = Apr-20-2016 11:13:49 AM					ILLINOIS FED. AID PROJECT					



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TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
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NOTE BOOK	
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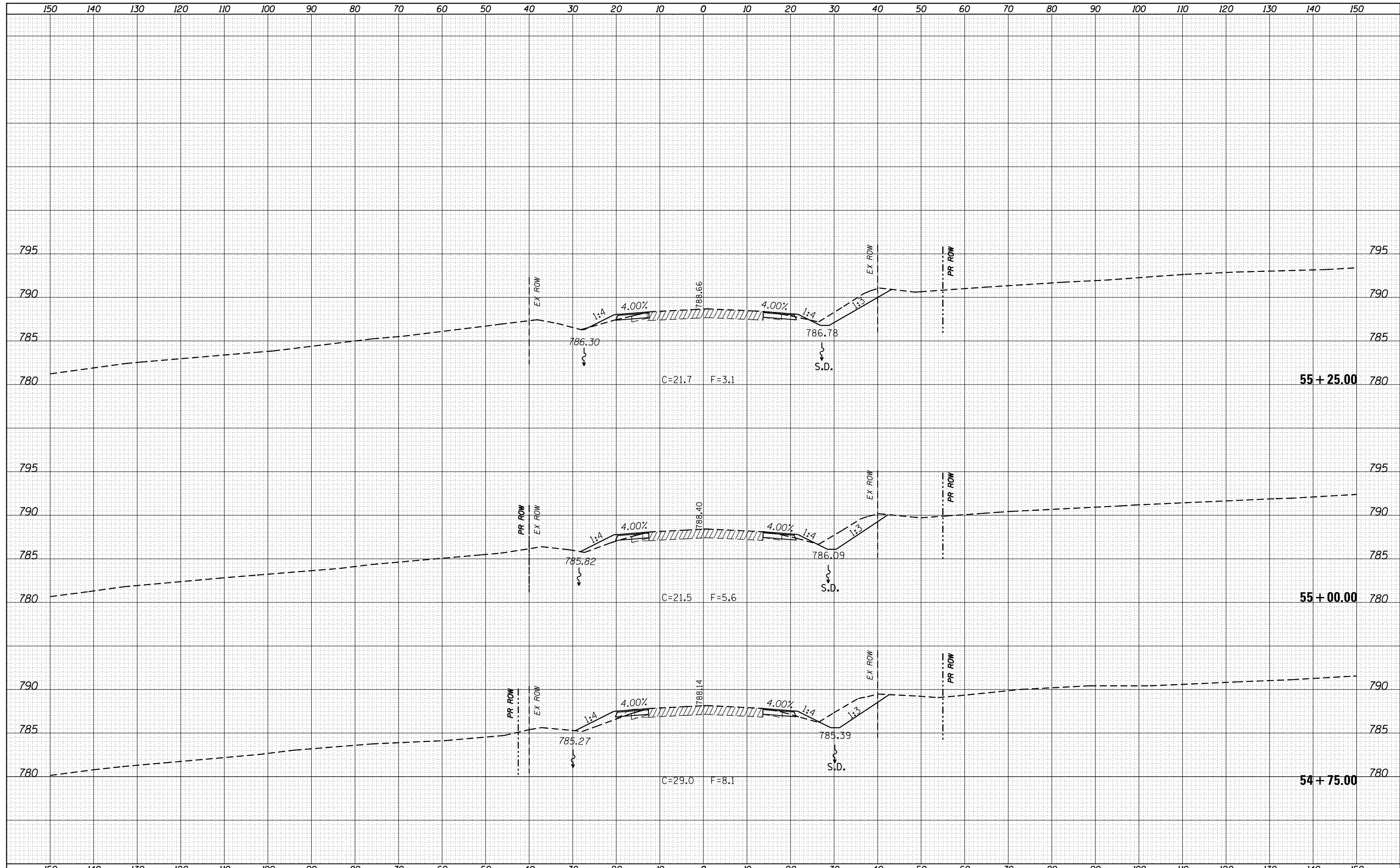


FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 26</b> <b>MAINLINE CROSS SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	DOT Offices\District 2\Projects\P201108\CADD\Drawings\201108-sht-xssht.dgn	CHECKED -	REVISED -			316	(102,114)T-3	LEE	231	189	
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	PLOT DATE = Apr-20-2016 11:13:50 AM					ILLINOIS FED. AID PROJECT					



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TEMPLATE	
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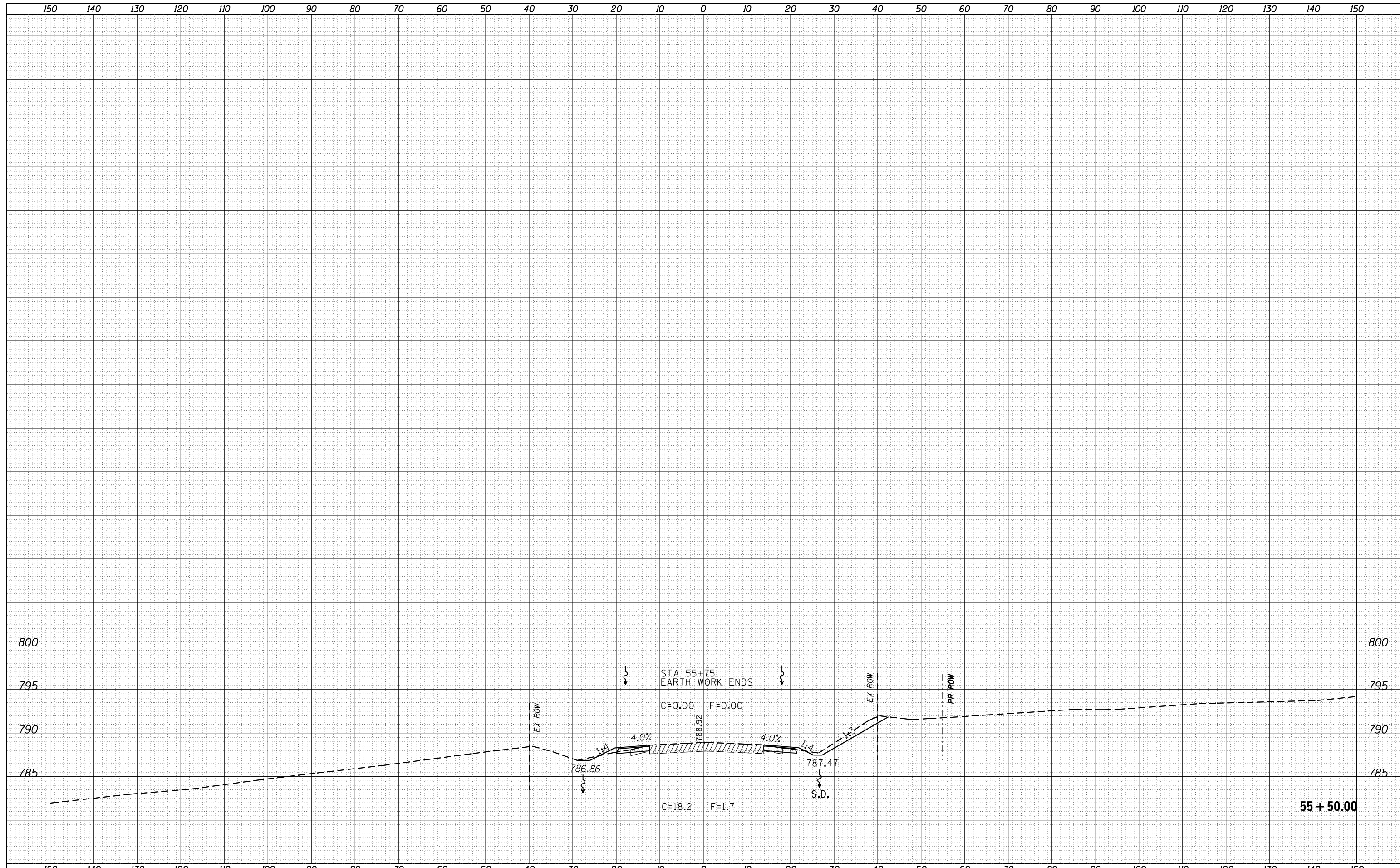
DATE	
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FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISIED -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>IL 26</b> <b>MAINLINE CROSS SECTIONS</b></p>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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Default	PLOT SCALE = 20.0000' / in.	CHECKED -	REVISIED -		CONTRACT NO. 64D86				
	PLOT DATE = Apr-20-2016 11:13:51 AM	DATE -	REVISIED -		ILLINOIS FED. AID PROJECT				

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

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



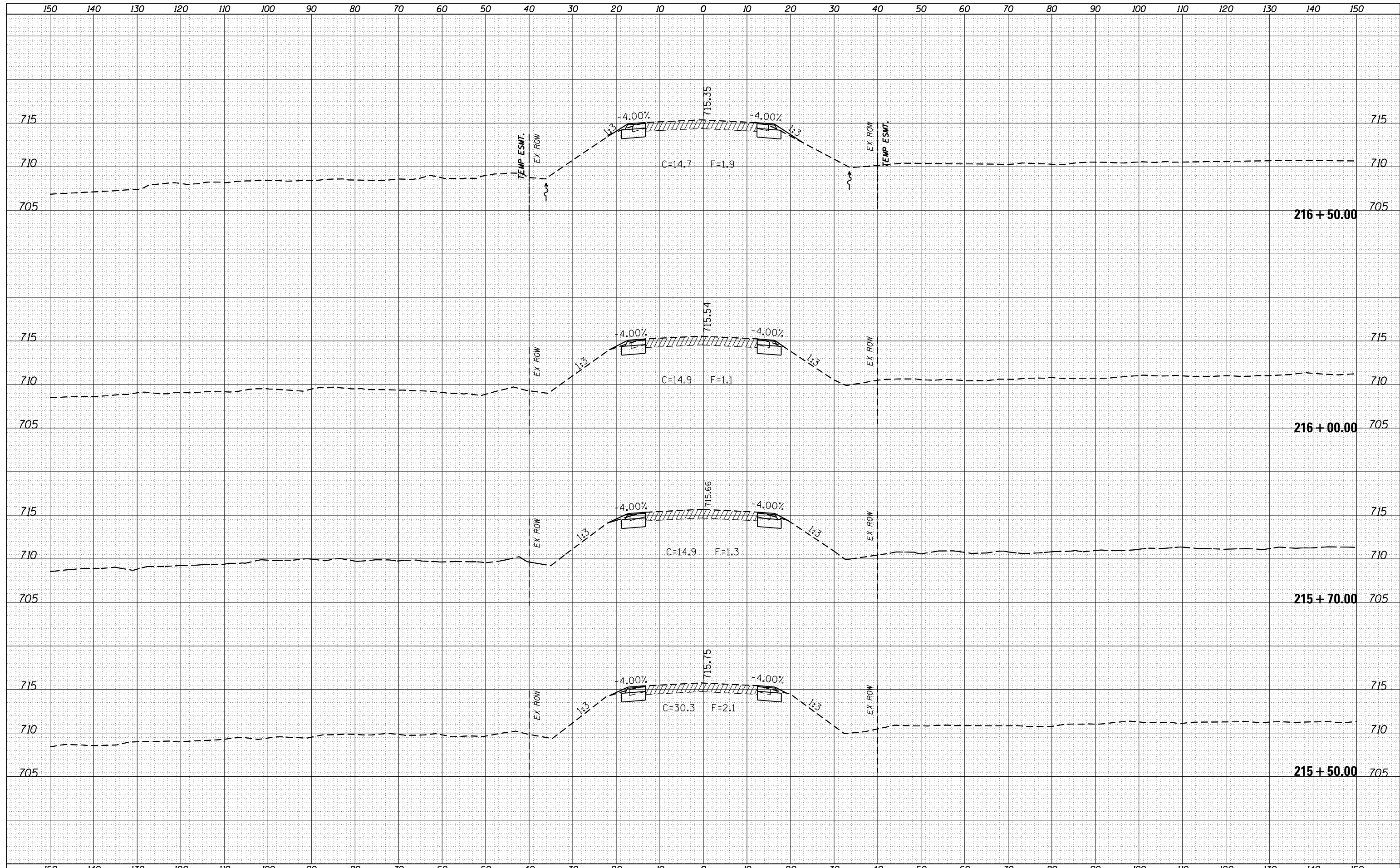
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Default	\\IL084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\P201108\CADD\Drawings\201108-sht-xssht.dgn	CHECKED -	REVISIED -		316	(102,114)T-3	LEE	231	192
	PLOT SCALE = 20.0000' / in.	DATE -	REVISIED -		CONTRACT NO. 64D86				
	PLOT DATE = Apr-20-2016 11:13:51 AM				ILLINOIS FED. AID PROJECT				





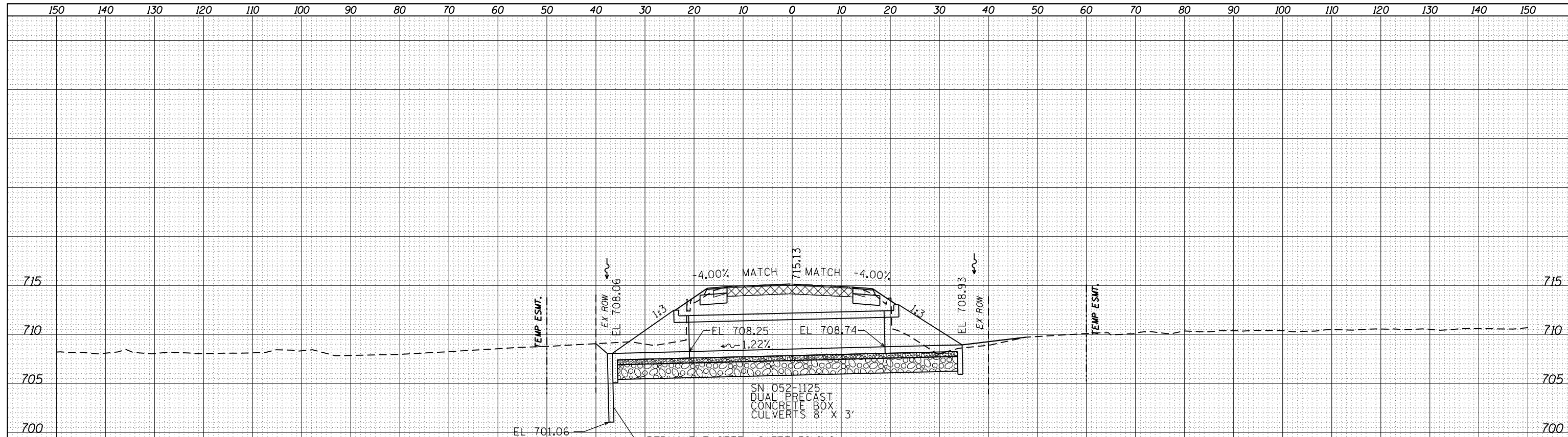
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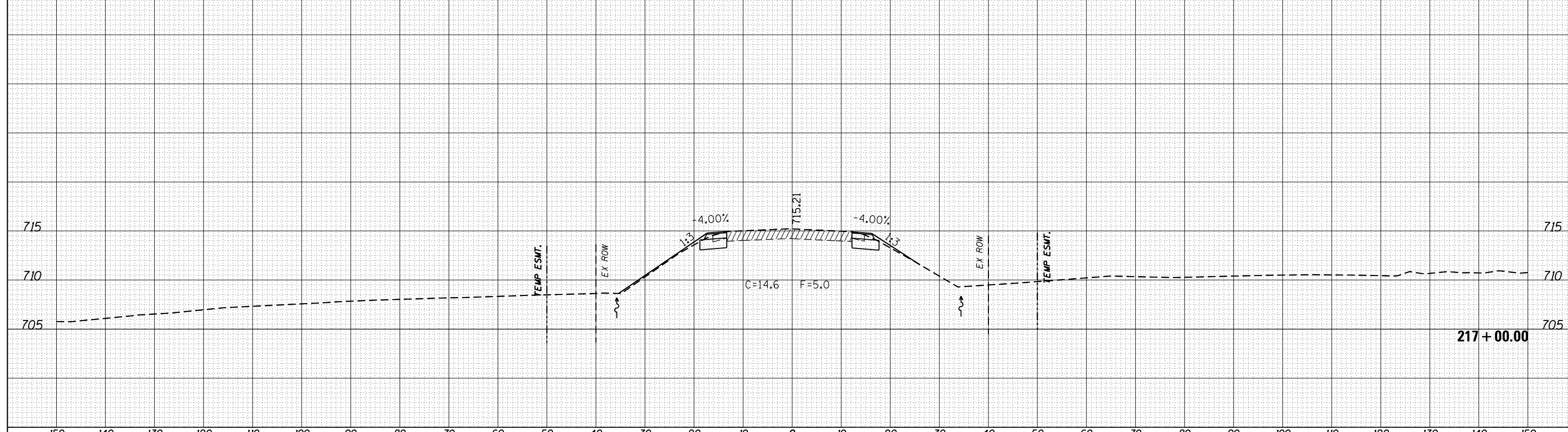
FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 26</b> <b>MAINLINE CROSS SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	\\IL084EBIDINTEG.Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\P201108\CADD\Drawings\Drawings\201108-sht-xssht.dgn	CHECKED -	REVISIED -			316	(102,114)T-3	LEE	231	194	
	PLOT SCALE = 20.0000' / in.	DATE -	REVISIED -			CONTRACT NO. 64D86					
	PLOT DATE = Apr-20-2016 11:13:52 AM					ILLINOIS FED. AID PROJECT					

DATE	BY
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FINL	SURVEY
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NOTE	TEMPLATE
BOOK	AREAS
	CHECKED



217 + 41.08

DATE	BY
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ORIGINAL	SURVEY
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NOTE	TEMPLATE
BOOK	AREAS
	CHECKED



217 + 00.00

FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISED -
	DOT Offices\District 2\Projects\201108\CAD\DRAWING\shets\D201108-sht-xssht.dgn	CHECKED -	REVISED -
		DATE -	REVISED -

**STATE OF ILLINOIS**  
**DEPARTMENT OF TRANSPORTATION**

**IL 26**  
**MAINLINE CROSS SECTIONS**

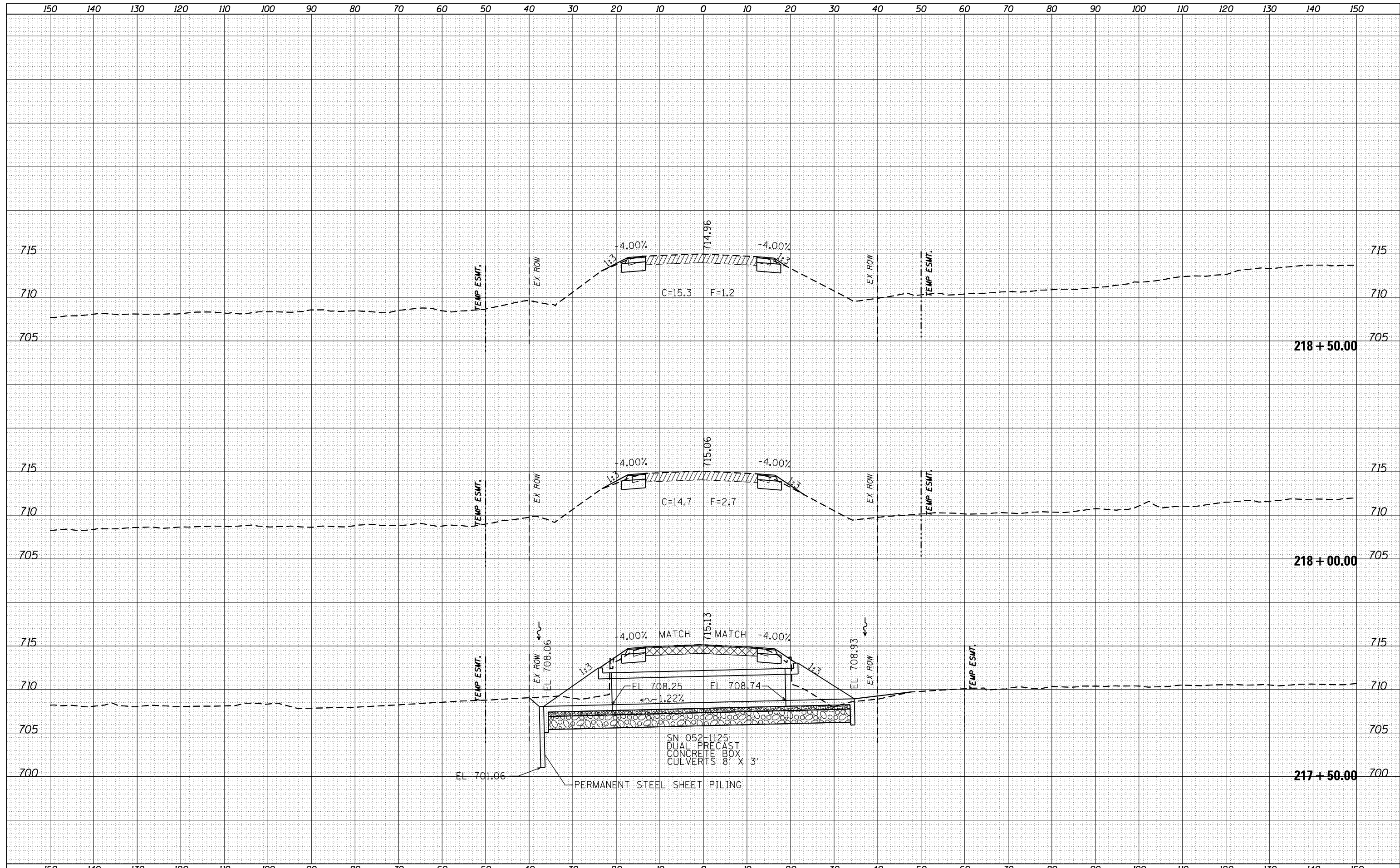
SCALE: SHEET OF SHEETS STA. TO STA. 217+41.08

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	195
				CONTRACT NO. 64D86

ILLINOIS FED. AID PROJECT

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NOTE BOOK	PLOTTED
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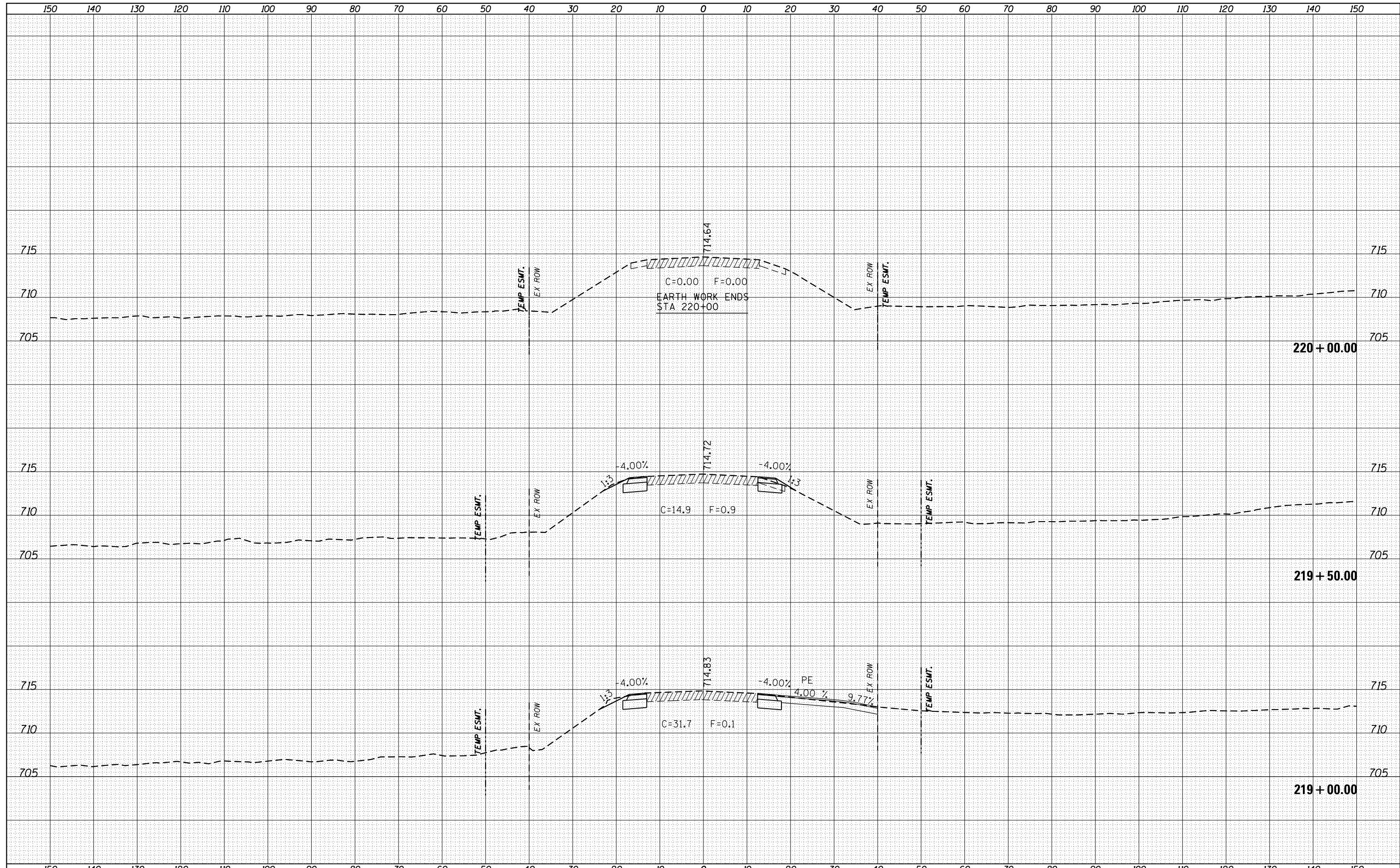


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Default	DOT Offices\District 2\Projects\P201108\CADD\Drawings\201108-sht-xssht.dgn	REVISOR -	REVISOR -			316	(102,114)T-3	LEE	231	196	
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	PLOT DATE = Apr-20-2016 11:13:53 AM	DATE -	REVISOR -			ILLINOIS FED. AID PROJECT					



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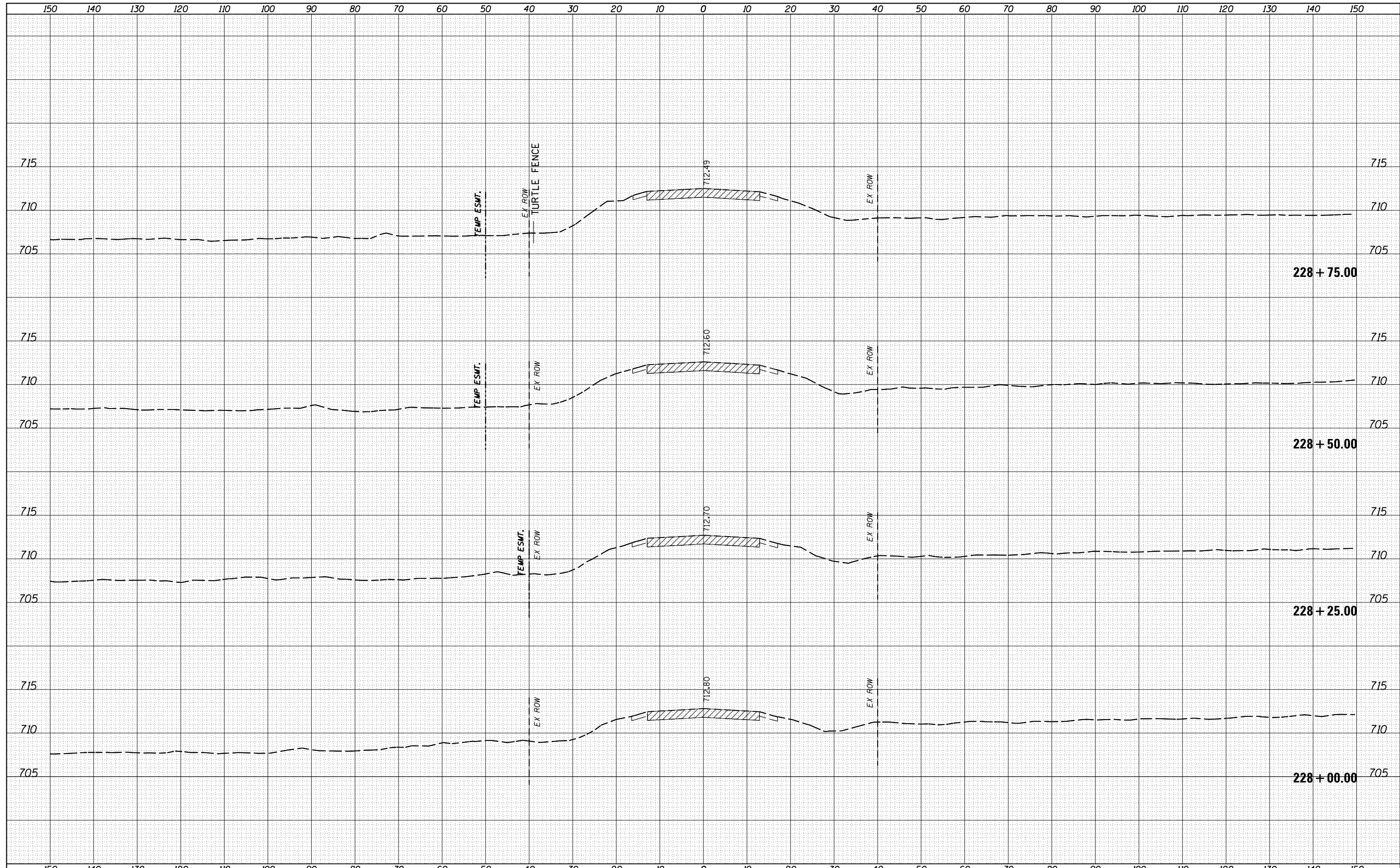
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AREAS	
AREAS CHECKED	
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FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISIED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>IL 26</b> <b>MAINLINE CROSS SECTIONS</b>	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	DOT Offices\District 2\Projects\P201108\CADD\Drawings\201108-sht-xssht.dgn	CHECKED -	REVISIED -			316	(102,114)T-3	LEE	231	197	
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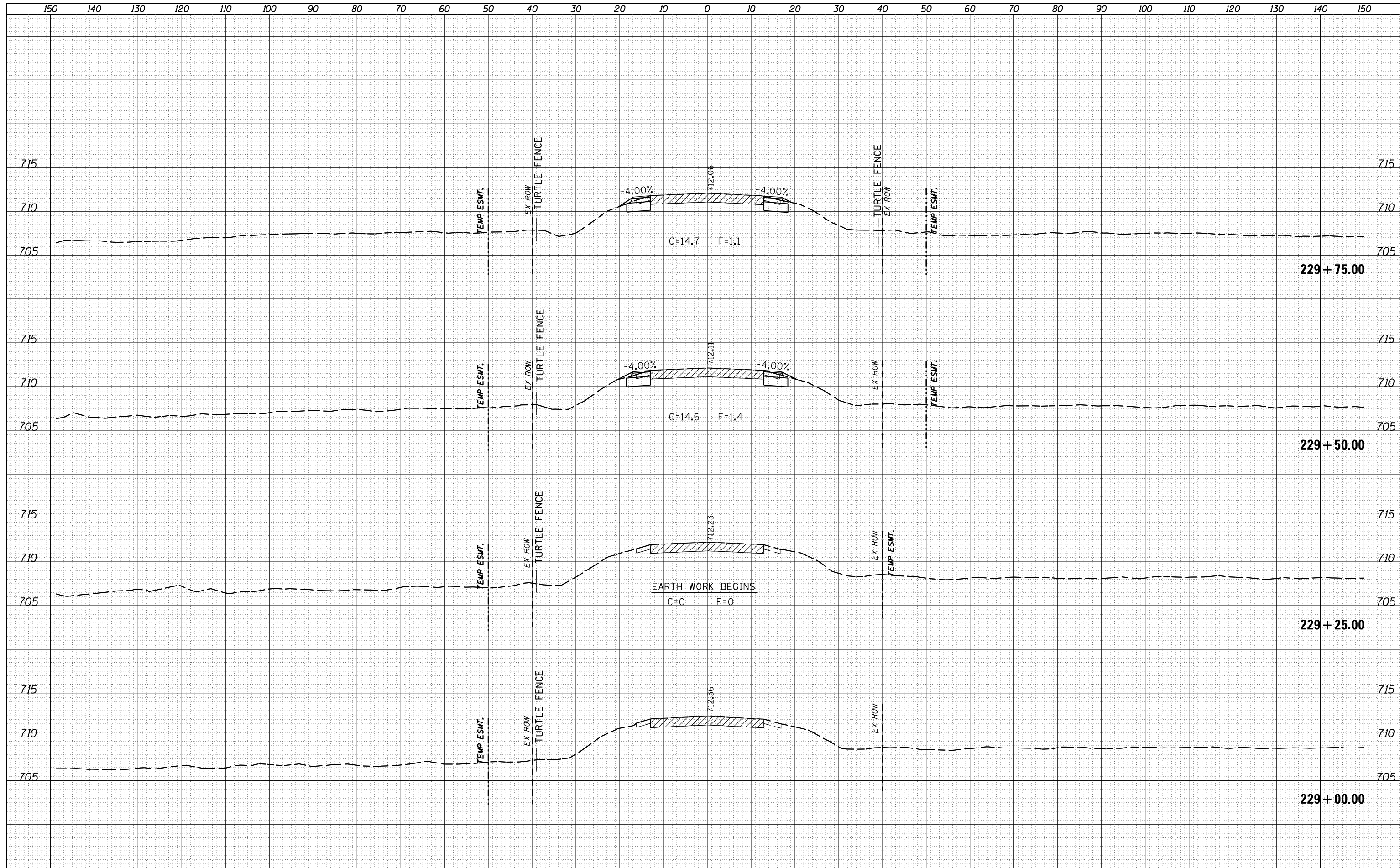
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DATE	
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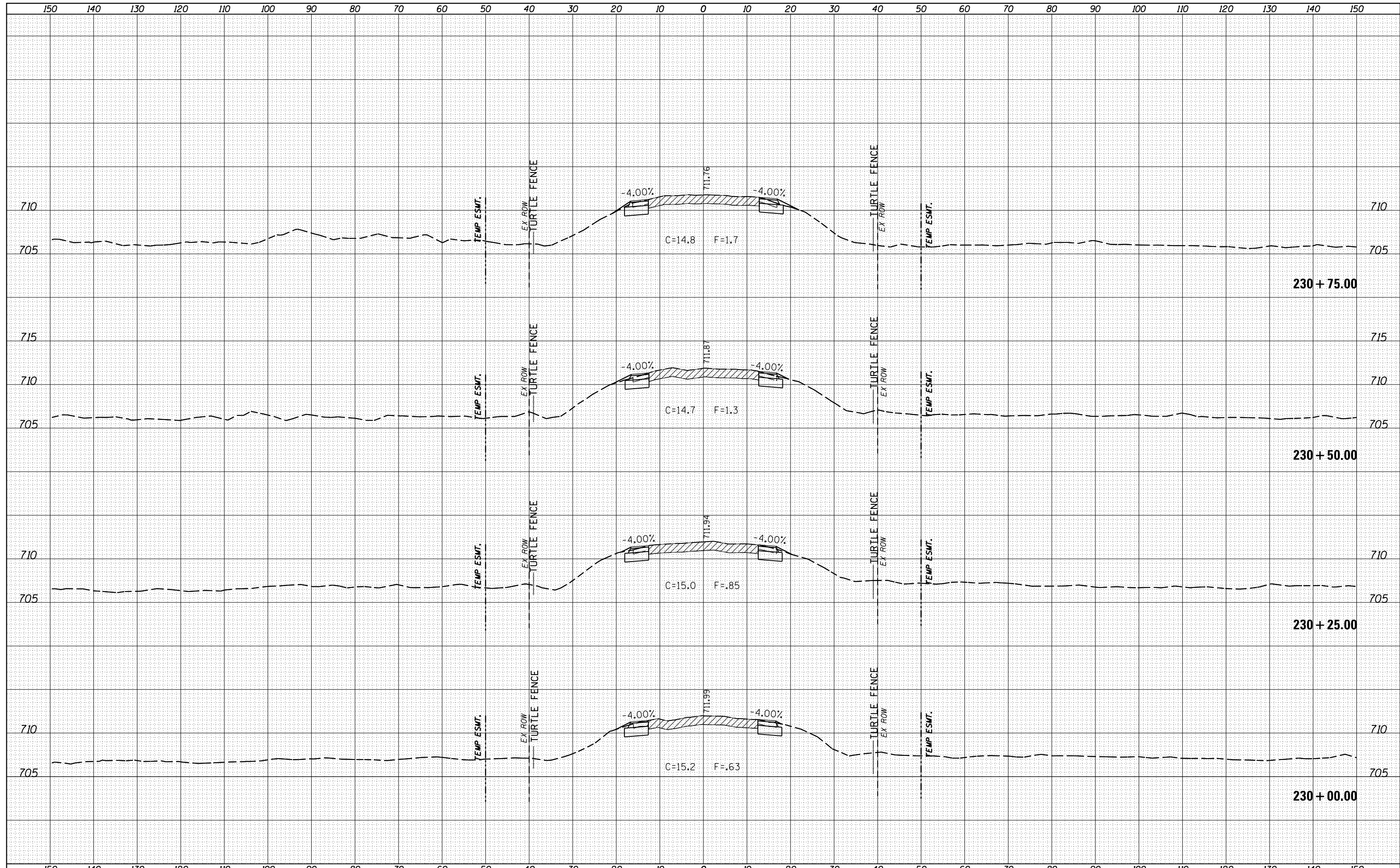


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FILE NAME =	USER NAME = grantpm	DESIGNED -	REVISIED -	<p align="center"><b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b></p> <p align="center"><b>IL 26</b> <b>MAINLINE CROSS SECTIONS</b></p>	F.A.P. RTE. =	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
Default	D:\084EBIDINTEG\Illinois.gov\PIWIDOT\Documents\IDOT Offices\District 2\Projects\P201108\CADD\DRAWING\Drawings\201108-sht-xssht.dgn	CHECKED -	REVISIED -		316	(102,114)T-3	LEE	231	199
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	PLOT DATE = Apr-20-2016 11:13:54 AM				SCALE:	SHEET	OF	SHEETS	STA.
ILLINOIS FED. AID PROJECT									



BY	DATE
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TEMPLATE	
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BY	DATE
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FILE NAME = p:\11084EBIDINTEG\Illinois.gov\PIDOT\Documents\IDOT Offices\District 2\Projects\P201108\CADD\DRAWINGS\Drawings\201108-sht-xssht.dgn  
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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

IL 26  
 MAINLINE CROSS SECTIONS  
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
316	(102,114)T-3	LEE	231	200
				CONTRACT NO. 64D86
ILLINOIS FED. AID PROJECT				