

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99*	1
		ILLINOIS	CONTRACT NO. 64J63	

* 99 + 1 = 100 TOTAL SHEETS

FOR INDEX OF SHEETS, SEE SHEET NO. 2

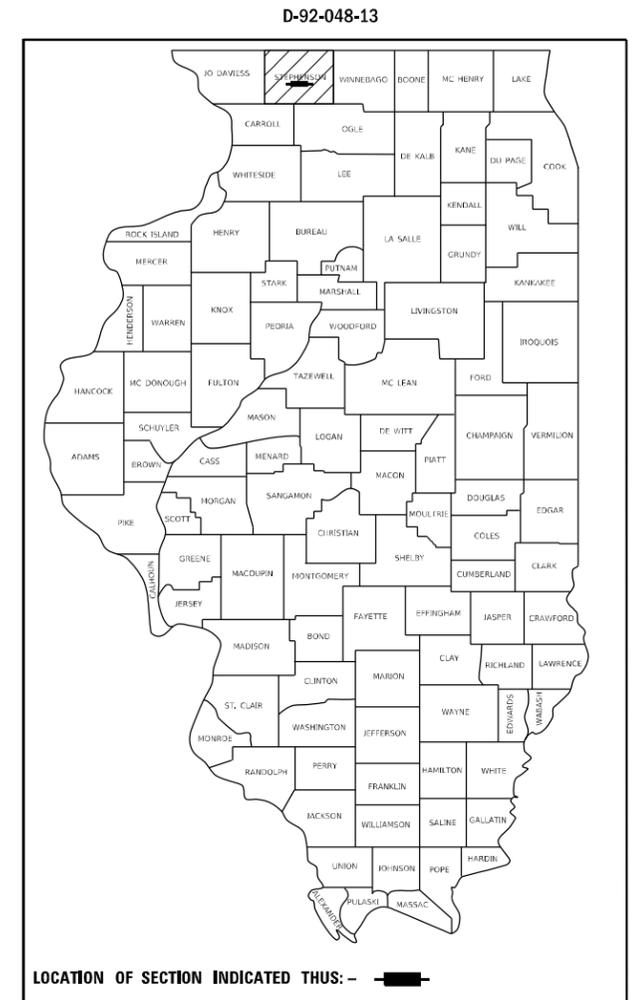
FUNCTIONAL CLASSIFICATION
MINOR ARTERIAL
PV = 89.5% SU = 5.6% MU = 4.9%

PROPOSED
HIGHWAY PLANS

FAP ROUTE 505 (IL 75)
SECTION 110T
PROJECT STP-TFLO(850)
BOX CULVERT REPLACEMENT
STEPHENSON COUNTY

FREEPORT TOWNSHIP-SECTION 28

C-92-003-15

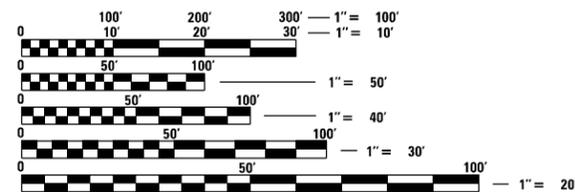


PROJECT BEGINS
STA. 10048 + 00

PROJECT ENDS
STA. 10068 + 50

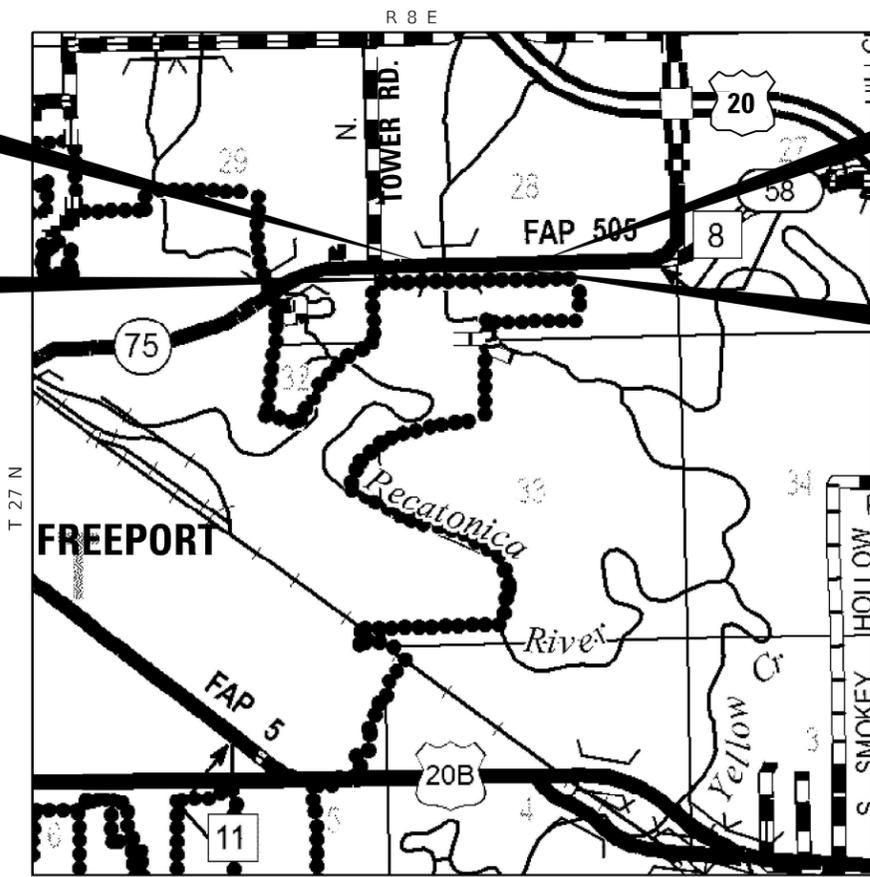
EXISTING SN 089-1047
PROPOSED SN 089-1202
STA. 10054 + 78
REMOVE EXISTING DOUBLE 10' X 3'
BOX CULVERT AND CONSTRUCT A
TRIPLE 8' X 4' BOX CULVERT

EXISTING SN 089-1048
PROPOSED SN N/A
STA. 10065 + 34
REMOVE EXISTING 5' X 2' BOX
CULVERT AND INSTALL A 36"
REINFORCED CONCRETE PIPE
CULVERT



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

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



PROJECT ENGINEER STEVE ROBERY
PROJECT MANAGER COREY CONDERMAN 815-284-5936
corey.conderman@illinois.gov

GROSS LENGTH = 2,050 FT. = 0.388 MILE
NET LENGTH = 2,050 FT. = 0.388 MILE

CONTRACT NO. 64J63

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUBMITTED 10/08 2021

David Almond
REGIONAL ENGINEER

December 10 2021
[Signature]
ENGINEER OF DESIGN AND ENVIRONMENT

December 10 2021
Stephen M. Lewis
DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

When Relocate Temporary Concrete Barrier is specified, the wall shall be removed, storage and transportation to and from storage, when the wall is not needed for a time as shown on the staging plans, relocated and reinstated at the new location. The reinstatement requirements shall be the same as those for a new installation. This shall be paid for at the contract unit price per Foot for RELOCATE TEMPORARY CONCRETE BARRIER.

The temporary concrete barrier shall be pinned to the pavement with 3 anchor pins per section on the traffic side of the barrier wall at the following locations:

- Sta. 10054+21.5 to 10055+32.5 – Stage 1
- Sta. 10054+21.5 to 10055+32.5 – Stage 2

The barrier unit at each end shall be anchored as specified in Article 704.04. All anchoring and pinning holes shall be core drilled.

The parking lot of Quality Transport will be used to maintain access to the residents on Structo Road for when it is closed. The following pay items and quantities are estimated for the Temporary Access Route and shall be used as directed by the Engineer.

- Incidental HMA Surfacing – 18 Ton
- Bituminous Materials (Prime Coat) – 245 Pound

The Engineer shall contact the Freeport Township Supervisor (and/or Quality Transport) for the recording of the route through the parking lot prior to the implementation of the Temporary Access Route.

Commitments:

1. Trees three (3) inches or greater in diameter at breast height will not be cleared from April 1 through September 30. The US Fish and Wildlife Service concurred with our determination and date restriction on tree clearing on 7/8/2017.

FILE NAME = 64.J63.GN.DOCX	USER NAME =	DESIGNED - Engineering Systems	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES	ROUTE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -			FAP 505	110T	Stephenson	99	4
	PLOT SCALE =	CHECKED -	REVISED -			CONTRACT NO. 64J63				
	PLOT DATE = 9/8/2021 11:33 AM	DATE = 9/8/2021 11:24 AM	REVISED -	SCALE:	SHEET NO. OF SHEETS	STA. TO STA.	LLNOS	FED. AID PROJECT		

CODE NUMBER	ITEM	UNIT	URBAN	ROADWAY	CULVERTS
			TOTAL QUANTITY	80% FED 20% STATE 0004	80% FED 20% STATE 0010
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	27	27	
78300201	PAVEMENT MARKING REMOVAL - GRINDING	SQ FT	286	286	
X0323660	DROP BOX NO. 1	EACH	1		1
X0327271	TRAFFIC CONTROL FOR ROAD CLOSURE	EACH	1	1	
X4400110	TEMPORARY PAVEMENT REMOVAL	SQ YD	360	360	
X4400196	HOT-MIX ASPHALT SURFACE REMOVAL, SPECIAL	SQ YD	228	228	
X6061461	PAVED DITCH (VARIABLE)	SQ YD	25	25	
X7030005	TEMPORARY PAVEMENT MARKING REMOVAL	SQ FT	682	682	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	1	
* Z0025505	PROPERTY MARKERS	EACH	7	7	
Z0028415	GEOTECHNICAL REINFORCEMENT	SQ YD	2,750	2,750	
* Z0054500	ROCK FILL	TON	281		281
Z0062456	TEMPORARY PAVEMENT	SQ YD	360	360	

* SPECIALTY ITEM

Δ 100% STATE

MODEL: Default
 FILE NAME: p:\illinois\sw_bentley.com\p\illinois\Documents\DOT_Offices\District_2\Projects\2204813\CADD\Drawings\Sheets\0204813-ent-500.dgn

USER NAME = ankneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED +
PLOT DATE = Oct-07-2021 06:29:19 AM	DATE -	REVISED +

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

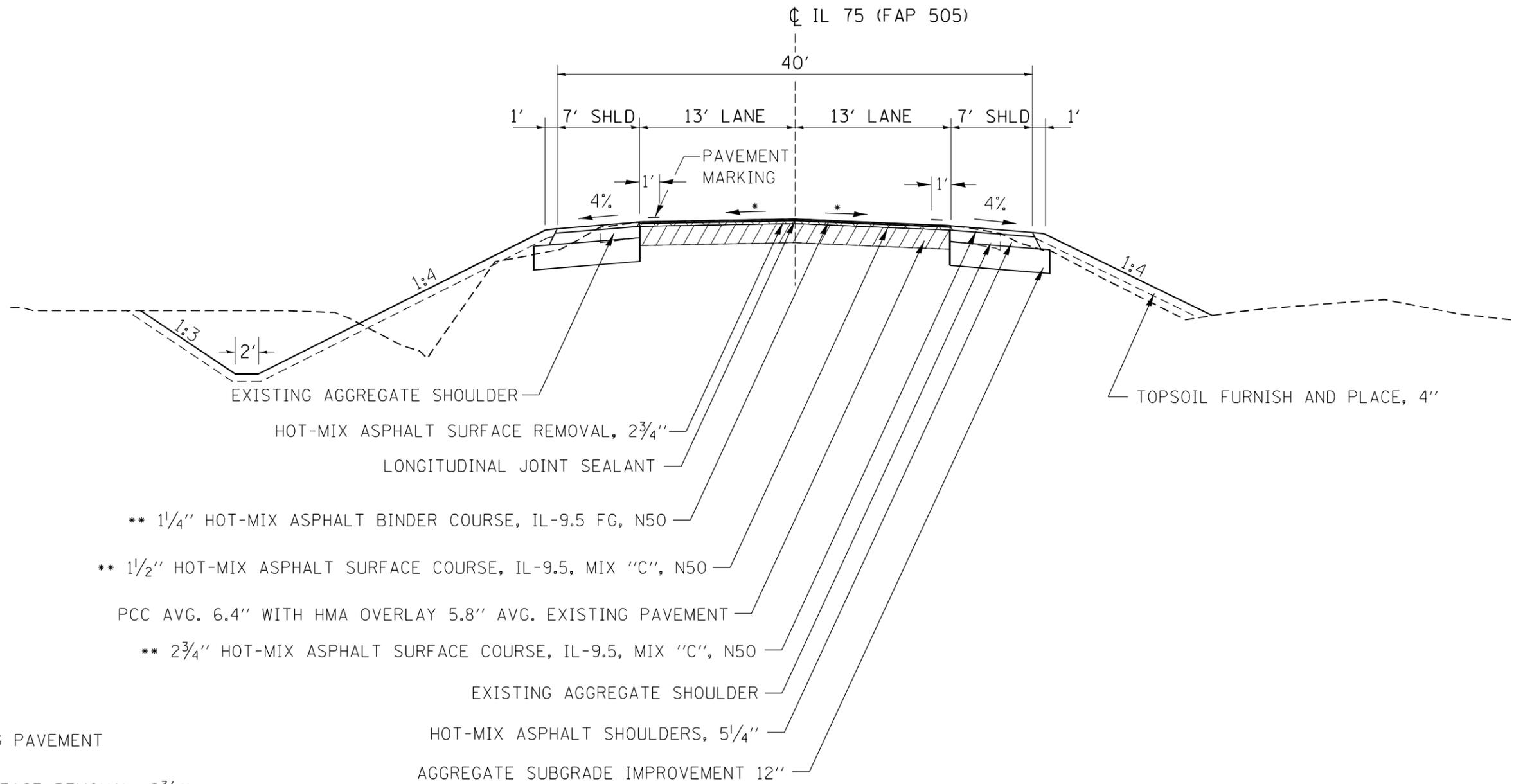
SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	11	99
			CONTRACT NO. 64J63	
ILLINOIS FED. AID PROJECT				

TYPICAL SECTIONS

STA 10048+00 TO STA 10054+46
 STA 10067+50 TO STA 10068+50



- EXISTING PAVEMENT
- HMA SURFACE REMOVAL, 2³/₄"

* MATCH EXISTING CROSS SLOPES

** 112 LBS/SQ. YD/IN FOR SURFACE COURSE, BINDER, AND SHOULDER MIX

MODEL: Default
 FILE NAME: p:\ulldat-pw-bendefy.com\FW\DOT\Documents\DOT Office\District 2\Projects\1204813\CAD\Drawn\CD\Drawn\13-shl-typical.dgn

USER NAME = ankneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000' / in.	CHECKED -	REVISED -
PLOT DATE = Oct-06-2021 10:43:23 AM	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

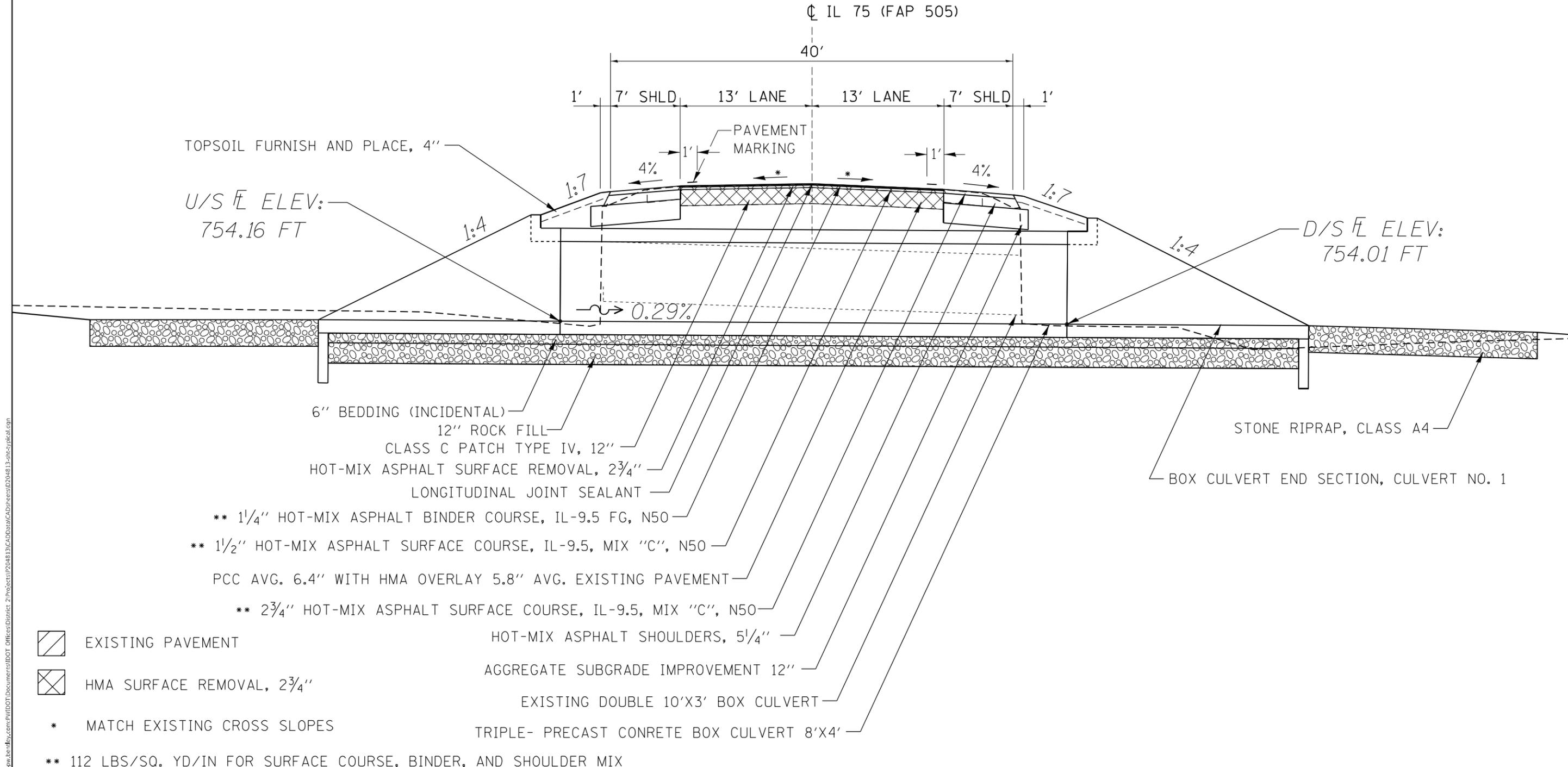
TYPICALS IL 75	
SCALE:	SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	12
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTIONS

STA 10054+46 TO STA. 10055+09
STA 10054+78 CULVERT

EX. SN: 089-1047
PR. SN: 089-1202



- EXISTING PAVEMENT
- HMA SURFACE REMOVAL, 2 $\frac{3}{4}$ "
- * MATCH EXISTING CROSS SLOPES
- ** 112 LBS/SQ. YD/IN FOR SURFACE COURSE, BINDER, AND SHOULDER MIX

MODEL: Default
 FILE NAME: p:\ultra\aw\bea\paw.com\FW\DOT\Documents\DOT Office\Dir\drf. 2\Project\1204813\CAD\Drawn\CADProcess\204813.dwg\typical.dwg

USER NAME = anikneyde	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 */ in.	DRAWN -	REVISED -
PLOT DATE = Oct-06-2021 10:43:23 AM	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

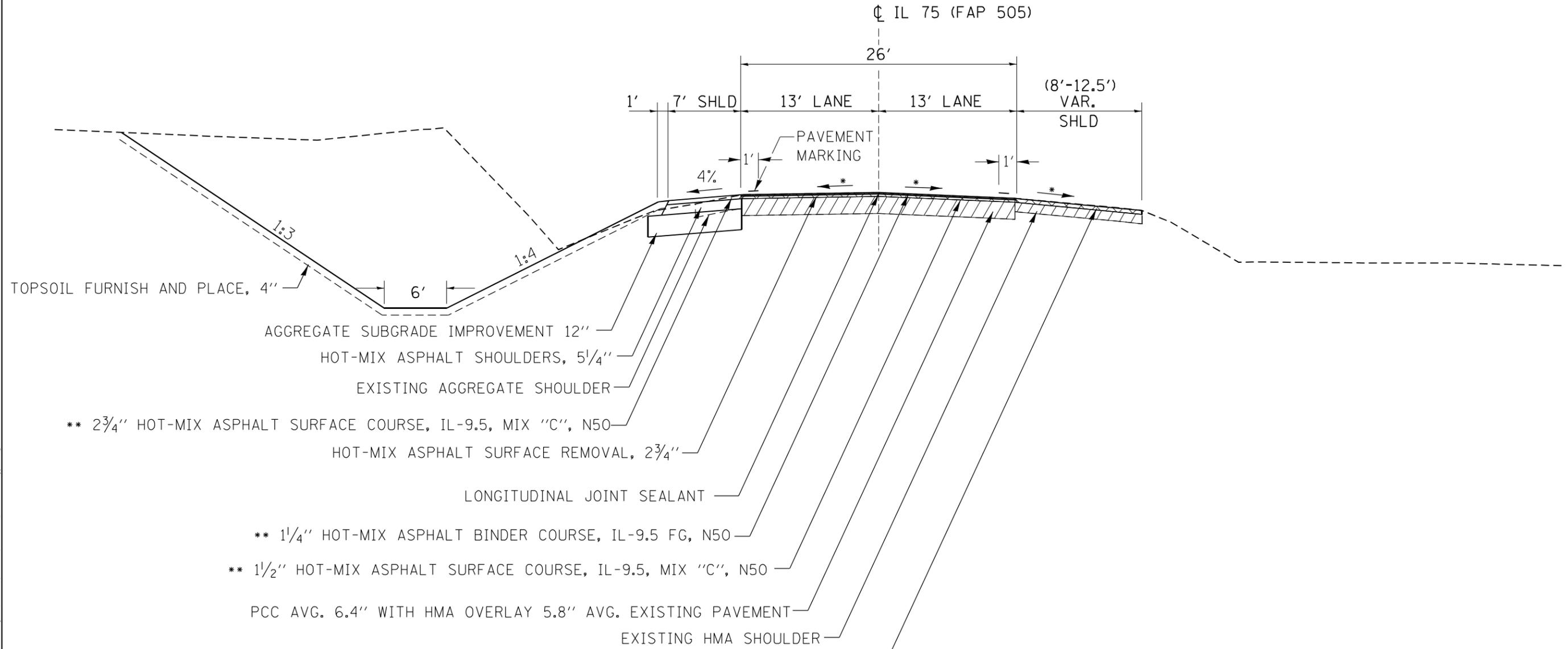
SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.
--------	--	-------	----	--------	------	----	------

TYPICALS IL 75

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	13
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

TYPICAL SECTIONS

STA 10055+09 TO STA 10065+19
 STA 10065+49 TO STA 10067+50



-  EXISTING PAVEMENT
-  HMA SURFACE REMOVAL, 2 3/4"

* MATCH EXISTING CROSS SLOPES
 ** 112 LBS/SQ. YD/IN FOR SURFACE COURSE, BINDER, AND SHOULDER MIX

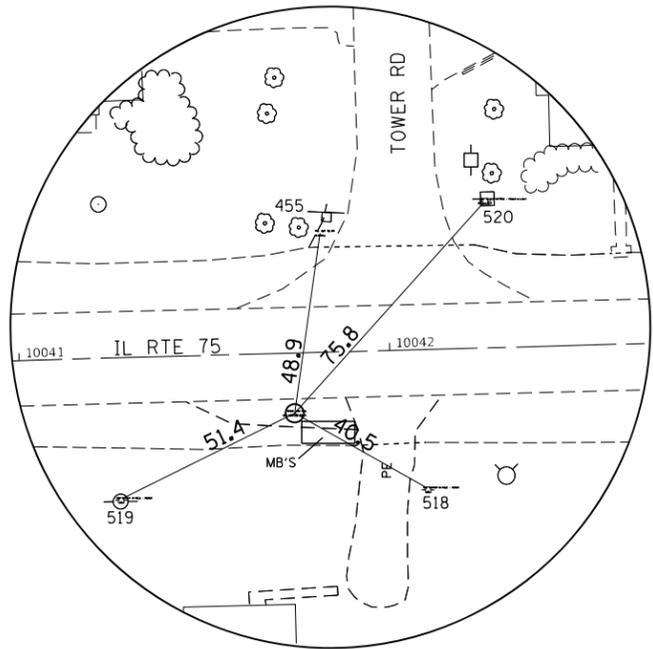
MODEL: Default
 FILE NAME: p:\ultra\paw\bea\paw.com\FW\DOT\Documents\DOT Office\District 2\Projects\1204813\CAD\Drawn\CAD\Faces\1204813_shts\typical.dwg

USER NAME = anikneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = Oct-06-2021 10:43:24 AM	DATE -	REVISED -

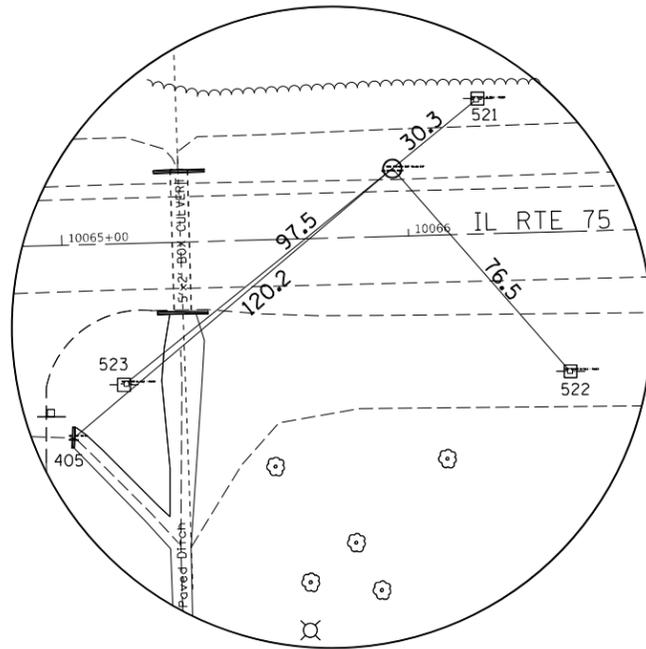
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TYPICALS IL 75	
SCALE:	SHEET OF SHEETS STA. TO STA.

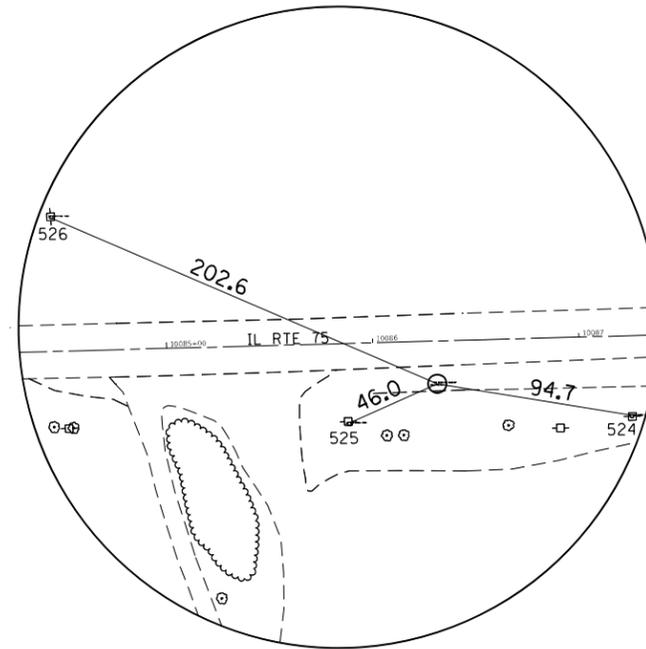
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	15
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				



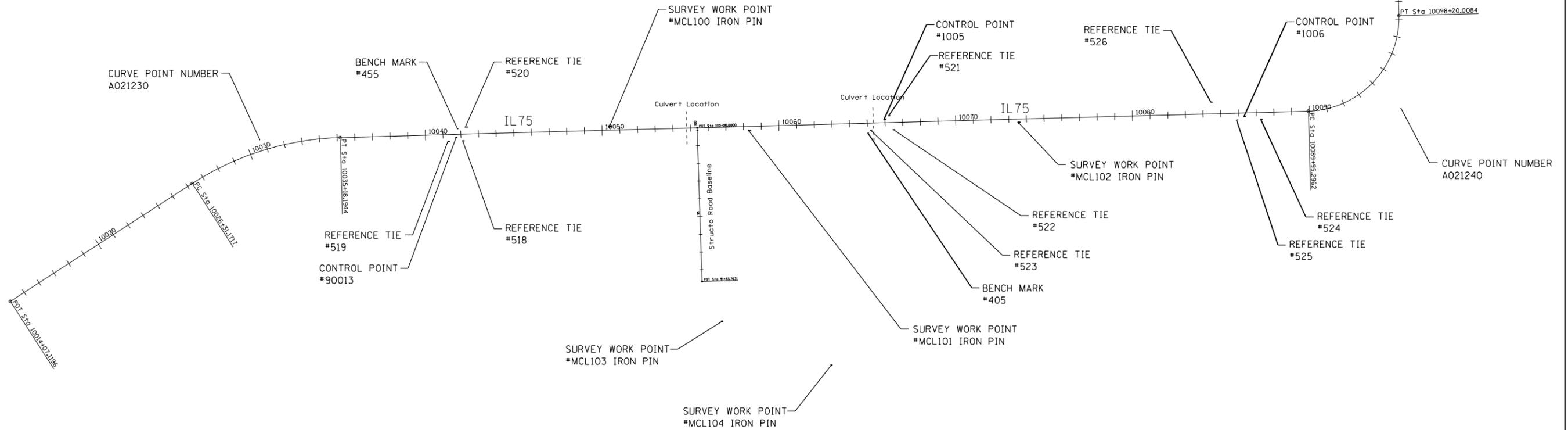
HORIZONTAL CONTROL POINT NO. 90013



HORIZONTAL CONTROL POINT NO. 1005



HORIZONTAL CONTROL POINT NO. 1006



MODEL: Default
 FILE NAME: p:\project\aw_bentley.com\p\id\dot\Documents\DOT Office\District 2\Project\10204813\CAD\Drawn\CAD\Drawings\10204813.dwg
 PLOT DATE: Oct-06-2021 11:29:23 AM

USER NAME = anikneyde	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = Oct-06-2021 11:29:23 AM	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HORIZONTAL AND VERTICAL SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	16
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

Chain IL75 contains:
A021223 CUR A021230 CUR A021240 A021252

Beginning chain IL75 description
=====

Point A021223 N 2,053,274.9625 E 2,449,389.3265 Sta 10014+07.12

Course from A021223 to PC A021230 N 57° 09' 17.68" E Dist 1,224.0521'

Curve Data

Curve A021230

P.I. Station 10030+86.04 N 2,054,185.5593 E 2,450,799.8572

Delta = 31° 17' 15.09" (RT)

Degree = 3° 31' 38.11"

Tangent = 454.8712'

Length = 887.0227'

Radius = 1,624.3746'

External = 62.4866'

Long Chord = 876.0427'

Mid. Ord. = 60.1719'

P.C. Station 10026+31.17 N 2,053,938.8510 E 2,450,417.7017

P.T. Station 10035+18.19 N 2,054,197.9233 E 2,451,254.5603

C.C. N 2,052,574.1489 E 2,451,298.7129

Course from PT A021230 to PC A021240 N 88° 26' 32.76" E Dist 5,477.1018'

Curve Data

Curve A021240

P.I. Station 10095+19.74 N 2,054,361.0530 E 2,457,253.8840

Delta = 89° 49' 22.03" (LT)

Degree = 10° 53' 29.08"

Tangent = 524.4393'

Length = 824.7122'

Radius = 526.0639'

External = 216.7549'

Long Chord = 742.8153'

Mid. Ord. = 153.5057'

P.C. Station 10089+95.30 N 2,054,346.7981 E 2,456,729.6384

P.T. Station 10098+20.01 N 2,054,885.3401 E 2,457,241,2506

C.C. N 2,054,872.6676 E 2,456,715.3393

Course from PT A021240 to A021252 N 1° 22' 49.27" W Dist 12,534.1586'

Point A021252 N 2,067,415.8614 E 2,456,939,3106 Sta 10223+54.17

=====

Ending chain IL75 description

Chain STRUCTORD_BL contains:
1050 1052

Beginning chain STRUCTORD_BL description
=====

Point 1050 N 2,053,387.0100 E 2,453,300.6170 Sta 91+33.76

Course from 1050 to 1052 N 1° 48' 51.32" W Dist 866.2369'

Point 1052 N 2,054,252.8126 E 2,453,273.1924 Sta 100+00.00

=====

Ending chain STRUCTORD_BL description

MODEL: Default
 FILE NAME: p:\bullet-pw-bentley.com\PIV\DOT\Documents\DOT Office\District 2\Project\204813\CADD\Drawn\CAD\Drawings\204813-sh-hvc.dgn

USER NAME = ankneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = Oct-06-2021 11:29:23 AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HORIZONTAL AND VERTICAL SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	17
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

SURVEY WORK POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
MCL100	2054258.7590	2452776.7650	760.0890	IL75	10050+41.49	19.4377' LT	TOPO SURVEY POINT, PIN
MCL101	2054237.1380	2453564.6200	761.4980	IL75	10058+28.47	23.5902' RT	TOPO SURVEY POINT, PK NAIL
MCL102	2054283.4220	2455089.6170	769.3420	IL75	10073+54.16	18.7747' RT	TOPO SURVEY POINT, PK NAIL
MCL103	2053162.4430	2453413.5630	757.8770	IL75	10056+48.25	1093.7822' RT	TOPO SURVEY POINT, PIN
MCL104	2052916.0620	2454032.0080	753.8850	IL75	10062+59.77	1356.8823' RT	TOPO SURVEY POINT, PIN

HORIZONTAL CONTROL POINTS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
1005	2054301.0480	2454330.5590	763.1480	IL75	10065+95.86	19.4769' LT	GPS CONTROL POINT, PIN
1006	2054316.2480	2456365.7950	794.2470	IL75	10086+30.76	20.649' RT	GPS CONTROL POINT, PIN
90013	2054199.5320	2451910.5180	770.1180	IL75	10041+73.95	16.2217' RT	GPS CONTROL POINT, PK NAIL

BENCH MARKS							
POINT	NORTH	EAST	ELEVATION	CHAIN	STATION	OFFSET	DESCRIPTION
405	2054223.5570	2454238.7330	757.8210	IL75	10065+01.96	55.4895' RT	HEADWALL, CHISELED SQUARE
455	2054247.9880	2451917.4150	770.3690	IL75	10041+82.16	32.0289' LT	HEADWALL, CHISELED SQUARE

REFERENCE TIES							
POINT	NORTH	EAST	CHAIN	STATION	OFFSET	DESCRIPTION	
518	2054178.9170	2451946.5330	IL75	10042+09.39	37.808' RT	POWER POLE, SHINER	
519	2054176.0740	2451863.7110	IL75	10041+26.53	38.3988' RT	POWER POLE, SHINER	
520	2054256.6130	2451961.9260	IL75	10042+26.89	39.4409' LT	POWER POLE WITH LIGHT, SHINER	
521	2054320.9690	2454354.7090	IL75	10066+20.54	38.7342' LT	POWER POLE, SHINER	
522	2054242.7900	2454381.7930	IL75	10066+45.49	40.1521' RT	POWER POLE, SHINER	
523	2054239.1740	2454253.8400	IL75	10065+17.49	40.2889' RT	POWER POLE, SHINER	
524	2054300.4670	2456460.1740	IL75	10087+24.67	38.9895' RT	POWER POLE, SHINER	
525	2054296.7140	2456323.1110	IL75	10085+87.56	39.0156' RT	POWER POLE, SHINER	
526	2054396.6760	2456178.7440	IL75	10084+45.96	64.8335' LT	POWER POLE, SHINER	

CURVE POINT NUMBERS					
CHAIN	CURVE	PI	CC	PC	PT
IL75	A021230	021230	21231	21232	21233
IL75	A021240	021240	21241	21242	21243

MODEL: Default
 FILE NAME: p:\project-pw-bentley.com\p\id\DOT\Documents\DOT\Office\District_2\Project\2024\13\CAD\Drawn\CAD\Drawn\2024\13_sht-hvc.dgn

USER NAME = anikneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = Oct-06-2021 11:29:24 AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

HORIZONTAL AND VERTICAL SHEETS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	18
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

EARTH WORK SCHEDULE

20200100

21101615

LOCATION	EARTH EXC (CUT)	EARTH EXC ADJ SHRINK 25%	EMBANK (FILL)	EARTH WORK BALANCE WASTE (+) SHORTAGE (-)	EARTH EXCAVATION	TOPSOIL FURNISH AND PLACE, 4"
	CU YD	CU YD	CU YD	CU YD	CU YD	SQ YD
IL 75						
10047 + 75 - 10051 + 00	397	298	100	198	397	1,495
10051 + 00 - 10057 + 00	1565	1174	334	840	1,565	4,410
10057 + 00 - 10063 + 00	3401	2551	74	2477	3,401	3,525
10063 + 00 - 10068 + 75	707	530	180	350	707	2,135
TOTAL	6070	4553	688	3865	6,070	11,565

MODEL: Default
 FILE NAME: p:\ultra-dwg-beadby.com\FW\DOT\Documents\DOT Office\District 2\Project\20200100\13\CAD\Drawn\CDProcess\20200813\shb-Schedule.dgn

USER NAME = anikneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = Oct-07-2021 07:15:21 AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EARTH WORK SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	19
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

SCHEDULE OF QUANTITIES

20100110 TREE REMOVAL (6 TO 15 UNITS DIAMETER)

UNIT	LOCATION		
IL 75			
9	Sta 10055 + 25	49 - LT	
9	Sta 10055 + 23	52 - LT	
8	Sta 10055 + 24	60 - LT	
8	Sta 10055 + 25	62 - LT	
8	Sta 10055 + 23	62 - LT	
8	Sta 10055 + 25	72 - LT	
50	TOTAL		

20100210 TREE REMOVAL (OVER 15 UNITS DIAMETER)

UNIT	LOCATION		
IL 75			
19	Sta 10054 + 48	62 - LT	
19	TOTAL		

25000110 SEEDING, CLASS 1A

ACRE	LOCATION			
(Round up to nearest 0.25 Acre)				
IL 75				
0.15	Sta 10065 + 06	-	10068 + 50	RT
0.15	SUB-TOTAL			
0.25	TOTAL			

25000210 SEEDING, CLASS 2A

ACRE	LOCATION			
(Round up to nearest 0.25 Acre)				
IL 75				
1.91	Sta 10048 + 00	-	10068 + 50	LT
0.34	Sta 10048 + 00	-	10055 + 24	RT
2.25	SUB-TOTAL			
2.25	TOTAL			

25000750 MOWING

ACRE	LOCATION			
(Round up to nearest 0.25 Acre)				
IL 75				
2.00	Sta 10048 + 00	-	10068 + 50	LT
0.50	Sta 10048 + 00	-	10068 + 50	RT
2.50	TOTAL			

25100125 MULCH, METHOD 3

ACRE	LOCATION			
(Round up to nearest 0.25 Acre)				
IL 75				
1.12	Sta 10048 + 00	-	10068 + 50	LT
0.33	Sta 10048 + 00	-	10068 + 50	RT
1.45	SUB-TOTAL			
1.50	TOTAL			

25100630 EROSION CONTROL BLANKET

SQ YD	LOCATION			
(See Erosion Control Sheets)				
Roll Width = 7'				
*Double Roll = 14**				
IL 75				
600.4	Sta 10048 + 00	-	10055 + 72	LT - EOS
950.4	Sta 10056 + 28	-	10068 + 50	LT - EOS
554.6	Sta 10048 + 00	-	10055 + 13	RT - EOS
155.6	Sta 10065 + 00	-	10067 + 00	RT - EOS
82.4	Sta 10067 + 44	-	10068 + 50	RT - EOS
514.1	Sta 10048 + 00	-	10054 + 61	LT - Ditch
104.2	Sta 10054 + 95	-	10055 + 62	*LT - Ditch*
1,375.1	Sta 10056 + 39	-	10065 + 23	*LT - Ditch*
237.2	Sta 10065 + 45	-	10068 + 50	LT - Ditch
4,574.0	TOTAL			

25100900 TURF REINFORCEMENT MAT

SQ YD	LOCATION		
(See Erosion Control Sheets)			
IL 75			
47.4	Sta 10065 + 34		LT (Around Drop Box)
47.4	TOTAL		

MODEL: Default
 FILE: \\mfr-pw-bentley.com\FW\DOT\Documents\DOT Office\Director_2\Project\2020\13\CAD\Drawn\CAD\Process\2020\13\shh-Schedule.dgn

USER NAME = anikneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = Oct-07-2021 07:15:28 AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCALE:		SHEET	OF	SHEETS	STA.	TO	STA.

SCHEDULE OF QUANTITIES

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	20
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

28000250 TEMPORARY EROSION CONTROL SEEDING

POUND	LOCATION	(100 Lbs / Acre x 2 Applications)		
IL 75				
500	Sta	10048 + 00	-	10068 + 50 LT & RT
500	TOTAL			

28000305 TEMPORARY DITCH CHECKS

FOOT	LOCATION	(See Erosion Control Sheets)		
IL 75				
16	Sta	10049 + 00		LT
16	Sta	10050 + 00		LT
16	Sta	10051 + 00		LT
16	Sta	10052 + 00		LT
16	Sta	10053 + 00		LT
16	Sta	10054 + 00		LT
16	Sta	10054 + 60		LT
20	Sta	10055 + 00		LT
20	Sta	10056 + 60		LT
20	Sta	10057 + 60		LT
20	Sta	10058 + 60		LT
20	Sta	10059 + 60		LT
20	Sta	10060 + 60		LT
20	Sta	10061 + 60		LT
20	Sta	10062 + 60		LT
20	Sta	10063 + 60		LT
20	Sta	10064 + 60		LT
20	Sta	10064 + 93		LT
20	Sta	10065 + 22		LT
16	Sta	10065 + 45		LT
16	Sta	10066 + 45		LT
16	Sta	10067 + 45		LT
400	TOTAL			

28000400 PERIMETER EROSION BARRIER

FOOT	LOCATION	(See Erosion Control Sheets)		
IL 75				
630	Sta	10048 + 00	-	10054 + 25 RT
45	Sta	10054 + 75	-	10055 + 20 RT
125	Sta	10067 + 50	-	10068 + 50 RT
STRUCTO ROAD				
45	Sta	99 + 15	-	99 + 60 LT
845	TOTAL			

28000500 INLET AND PIPE PROTECTION

EACH	LOCATION	(See Erosion Control Sheets)		
IL 75				
1	Sta	10054 + 78		LT
1	Sta	10056 + 39		LT
1	Sta	10064 + 34		LT
3	TOTAL			

28100107 STONE RIPRAP, CLASS A4

SQ YD	LOCATION	(See Erosion Control Sheets)		
IL 75				
109.3	Sta	10054 + 78	LT	(W = 32' & 53.5', L = 23')
109.3	Sta	10054 + 78	RT	(W = 32' & 53.5', L = 23')
218.6	TOTAL			

28200200 FILTER FABRIC

SQ YD	LOCATION	(See Erosion Control Sheets)		
IL 75				
109.3	Sta	10054 + 78	LT	(W = 32' & 53.5', L = 23')
109.3	Sta	10054 + 78	RT	(W = 32' & 53.5', L = 23')
218.6	TOTAL			

MODEL: Default
 FILE NAME: p:\bullet\paw_bentley.com\PIV\DOT\Documents\DOT Office\District 2\Project\204813\CADD\Drawn\CD\Drawings\204813\sh-Schedule.dgn

USER NAME = anikneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = Oct-07-2021 07:15:46 AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	21
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

30300112 **AGGREGATE SUBGRADE IMPROVEMENT 12"**

SQ YD	LOCATION
IL 75	
37.5	Sta 10048 + 00 - 10048 + 50 LT - Shoulder
562.9	Sta 10048 + 50 - 10054 + 46 LT - Shoulder
59.5	Sta 10054 + 46 - 10055 + 09 LT - Shoulder
442.0	Sta 10055 + 09 - 10059 + 77 LT - Shoulder
305.1	Sta 10059 + 77 - 10063 + 00 LT - Shoulder
169.1	Sta 10063 + 00 - 10064 + 79 LT - Shoulder (Pre-Stage 3)
37.8	Sta 10064 + 79 - 10065 + 19 LT - Shoulder (Pre-Stage 3)
28.3	Sta 10065 + 19 - 10065 + 49 LT - Shoulder (Pre-Stage 3)
28.3	Sta 10065 + 19 - 10065 + 49 LT - Shoulder (Stage 6)
237.1	Sta 10065 + 49 - 10068 + 00 LT - Shoulder (Pre-Stage 3)
37.5	Sta 10068 + 00 - 10068 + 50 LT - Shoulder (Pre-Stage 3)
37.5	Sta 10048 + 00 - 10048 + 50 RT - Shoulder
407.1	Sta 10048 + 50 - 10052 + 81 RT - Shoulder
215.3	Sta 10052 + 81 - 10055 + 09 RT - Shoulder (Stage 1)
28.6	Sta 10065 + 19 - 10065 + 49 RT - Shoulder
106.7	Sta 10067 + 72 - 10068 + 00 RT - Shoulder
37.5	Sta 10068 + 00 - 10068 + 50 RT - Shoulder
2,777.8	TOTAL

35101400 **AGGREGATE BASE COURSE, TYPE B**

TON	LOCATION	(See Staging Plans)
(8" temporary aggregate to open traffic)		
IL 75		
22.3	Sta 10054 + 46 - 10055 + 09	LT - Stage 2
22.3	TOTAL	

40600900 **HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N50**

TON	LOCATION
IL 75	
10	As Needed & Directed by Resident
10	TOTAL

40600990 **TEMPORARY RAMP**

SQ YD	LOCATION
IL 75	
21.7	Sta 10048 + 00 (26' x 7.5')
21.7	Sta 10068 + 50 (26' x 7.5')
120.0	As Needed & Directed by Resident (Side Roads, CE's, Joints)
163.4	TOTAL

44004000 **PAVED DITCH REMOVAL**

FOOT	LOCATION
IL 75	
60	Sta 10065 + 34 RT
60	TOTAL

44004250 **PAVED SHOULDER REMOVAL**

SQ YD	LOCATION	(Removal of shoulder at culvert location)
IL 75		
21.6	Sta 10065 + 19 - 10065 + 49	LT (Stage 3)
21.6	Sta 10065 + 19 - 10065 + 49	RT (Stage 4)
43.2	TOTAL	

44201383 **CLASS C PATCHES, TYPE IV, 12 INCH**

SQ YD	LOCATION
IL 75	
182.0	Sta 10054 + 46 - 10055 + 09 (63' x 26')
86.7	Sta 10065 + 19 - 10065 + 49 (30' x 26')
268.7	TOTAL

MODEL: Default
 FILE NAME: p:\bullet-pw-bentley.com\PIV\DOT\Documents\DOT Office\District 2\Project\2024\13\CAD\Drawings\CDirect\2024\13\shb-Schedule.dgn

USER NAME = anikneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = Oct-07-2021 07:16:01 AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES			
SCALE:	SHEET	OF	SHEETS
		STA.	TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	22
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

54215412 CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 12"

EACH	LOCATION
	IL 75
1	As Needed & Directed by the Resident
1	TOTAL

54260315 TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION

FOOT	LOCATION	(See District Standard 13.1 for Box Culvert)	(See Highway Standard 542311 for Pipe Culvert)
	IL 75		
225.5	Sta 10054 + 78	LT - 8' x 4' Box Culvert End Sections	
225.5	Sta 10054 + 78	RT - 8' x 4' Box Culvert End Sections	
41.9	Sta 10065 + 34	LT - 36" Pipe Culvert Drop Box	
16.83	Sta 10065 + 34	RT - 36" Pipe Culvert End Section	
509.73	TOTAL		

54260736 SLOPED METAL END SECTION WITH GRATE, STANDARD 542411, 36", 1:6

EACH	LOCATION
	IL 75
1	Sta 10055 + 74 FE - LT
1	Sta 10056 + 26 FE - LT
2	TOTAL

54261436 CONCRETE END SECTION, STANDARD 542001, 36", 1:4

EACH	LOCATION
	IL 75
1	Sta 10065 + 34 RT
1	TOTAL

542A0241 PIPE CULVERTS, CLASS A, TYPE 1 36"

FOOT	LOCATION
	IL 75
64	Sta 10065 + 34 FE - LT
64	TOTAL

542D0241 PIPE CULVERTS, CLASS D, TYPE 1 36"

FOOT	LOCATION
	IL 75
52	Sta 10056 + 00 FE - LT
52	TOTAL

60100080 FRENCH DRAINS

CU YD	LOCATION	(See Drain for Aggregate Base Course DS 96.4)	(Place at All Low Points and Approximately Every 250')
	IL 75		
0.35	Sta 10050 + 50	LT	
0.35	Sta 10050 + 50	RT	
0.35	Sta 10052 + 00	LT - Low Point	
0.35	Sta 10052 + 00	RT - Low Point	
0.35	Sta 10054 + 50	LT	
0.35	Sta 10054 + 50	RT	
0.35	Sta 10057 + 00	LT	
0.35	Sta 10059 + 50	LT	
0.35	Sta 10062 + 00	LT	
0.35	Sta 10064 + 50	LT	
0.35	Sta 10067 + 00	LT	
3.85	TOTAL		

60100915 PIPE DRAINS 6"

FOOT	LOCATION
	IL 75
20	As Needed & Directed by the Resident
20	TOTAL

60100925 PIPE DRAINS 8"

FOOT	LOCATION
	IL 75
20	As Needed & Directed by the Resident
20	TOTAL

MODEL: Default
 FILE: \\mle-pw-bentley.com\FW\DOT\Documents\DOT Office\District 2\Project\2024\13\CAD\Drawn\CDPrecess\2024\13\sh-Schedule.dgn

USER NAME = anikneyde	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = Oct-07-2021 07:16:34 AM	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	24
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

60100935 PIPE DRAINS 10"

<u>FOOT</u>	<u>LOCATION</u>
	IL 75
20	As Needed & Directed by the Resident
<u>20</u>	TOTAL

60100945 PIPE DRAINS 12"

<u>FOOT</u>	<u>LOCATION</u>
	IL 75
20	As Needed & Directed by the Resident
<u>20</u>	TOTAL

61100500 EXPLORATION TRENCH 52" DEPTH

<u>FOOT</u>	<u>LOCATION</u>
	IL 75
200	As Needed & Directed by the Resident
<u>200</u>	TOTAL

61101009 STORM SEWERS PROTECTED, CLASS A, 8"

<u>FOOT</u>	<u>LOCATION</u>
	IL 75
50	As Needed & Directed by the Resident
<u>50</u>	TOTAL

61101011 STORM SEWERS PROTECTED, CLASS A, 10"

<u>FOOT</u>	<u>LOCATION</u>
	IL 75
50	As Needed & Directed by the Resident
<u>50</u>	TOTAL

61101013 STORM SEWERS PROTECTED, CLASS A, 12"

<u>FOOT</u>	<u>LOCATION</u>
	IL 75
50	As Needed & Directed by the Resident
<u>50</u>	TOTAL

61133200 FIELD TILE JUNCTION VAULTS, 3' DIA.

<u>EACH</u>	<u>LOCATION</u>
	IL 75
2	As Needed & Directed by the Resident
<u>2</u>	TOTAL

63500105 DELINEATORS

<u>EACH</u>	<u>LOCATION</u>	(See Standards 635001 & 720011)
	IL 75	
2	Sta 10054 + 78	LT & RT - Culvert
1	Sta 10055 + 61	LT - FE Culvert
1	Sta 10056 + 39	LT - FE Culvert
2	Sta 10064 + 34	LT & RT - Culvert
<u>6</u>	TOTAL	

MODEL: Default
 FILE NAME: p:\bullet\paw_bentley.com\FW\DOT\Documents\DOT Office\District 2\Project\2024\13\CAD\Drawn\CDirect\2024\13\sh-Schedule.dgn

USER NAME = ankneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = Oct-07-2021 07:16:51 AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	25
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

66600105 FURNISHING AND ERECTING RIGHT OF WAY MARKERS

<u>EACH</u>	<u>LOCATION</u>	(Per ROW Sheets & Standard 666001)	
IL 75			
1	Sta 10047 + 00	40 - LT	
1	Sta 10048 + 00	50 - LT	
1	Sta 10054 + 00	65 - LT	
1	Sta 10054 + 50	85 - LT	
1	Sta 10055 + 05	85 - LT	
1	Sta 10055 + 50	75 - LT	
1	Sta 10059 + 00	85 - LT	
1	Sta 10062 + 00	65 - LT	
1	Sta 10064 + 00	60 - LT	
1	Sta 10065 + 00	60 - LT	
1	Sta 10065 + 35	70 - LT	
1	Sta 10067 + 50	50 - LT	
1	Sta 10068 + 50	50 - LT	
1	Sta 10068 + 67.24	40 - LT	
1	Sta 10053 + 00	40 - RT	
1	Sta 10054 + 00	45 - RT	
1	Sta 10054 + 50	85 - RT	
1	Sta 10055 + 13.46	85 - RT	
1	Sta 10065 + 00	40 - RT	
1	Sta 10065 + 00	80 - RT	
1	Sta 10065 + 10	90 - RT	
1	Sta 10065 + 60	90 - RT	
1	Sta 10066 + 00	40 - RT	
23	TOTAL		

66700305 PERMANENT SURVEY MARKER, TYPE II

<u>EACH</u>	<u>LOCATION</u>	(See Dist Std 66.2)	
IL 75			
1	As Directed by the Resident & Chief of Surveys (Roughly Sta. 10069+00 LT)		
1	TOTAL		

66900200 NON-SPECIAL WASTE DISPOSAL

<u>CU YD</u>	<u>LOCATION</u>	(See Removal & Disposal of Regulated Substances Provision)	
IL 75			
132	As Directed by the Resident (KST Properties)		
132	TOTAL		

66900530 SOIL DISPOSAL ANALYSIS

<u>EACH</u>	<u>LOCATION</u>	(See Removal & Disposal of Regulated Substances Provision)	
IL 75			
1	As Directed by the Resident (KST Properties)		
1	TOTAL		

66901001 REGULATED SUBSTANCES PRE-CONSTRUCTION PLAN

<u>L SUM</u>	<u>LOCATION</u>	(See Removal & Disposal of Regulated Substances Provision)	
IL 75			
1	As Directed by the Resident (KST Properties)		
1	TOTAL		

66901003 REGULATED SUBSTANCES FINAL CONSTRUCTION REPORT

<u>L SUM</u>	<u>LOCATION</u>	(See Removal & Disposal of Regulated Substances Provision)	
IL 75			
1	As Directed by the Resident (KST Properties)		
1	TOTAL		

66901006 REGULATED SUBSTANCES MONITORING

<u>CAL DA</u>	<u>LOCATION</u>	(See Removal & Disposal of Regulated Substances Provision)	
IL 75			
1	As Directed by the Resident (KST Properties)		
1	TOTAL		

70106500 TEMPORARY BRIDGE TRAFFIC SIGNALS

<u>EACH</u>	<u>LOCATION</u>	(Per Highway Standards 701321 & Staging Plans)	
IL 75			
1	As Directed by the Resident (Stage 1 & 2)		
1	TOTAL		

MODEL: Default
 FILE NAME: p:\project\p204813\CADD\Drawn\CDirect\DOT Office\Direct_2\Project\204813\CADD\Drawn\CDirect\DOT\04813_sht-Schedule.dgn

USER NAME = anikneyde	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = Oct-07-2021 07:17:05 AM	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	26
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

70300100 SHORT TERM PAVEMENT MARKING

FOOT	LOCATION	(3 Applications - Milled, Binder, Surf)			
	IL 75				White
252	Sta 10048 + 00 - 10068 + 50				LT - Shoulder Diagonal Stripe
252	Sta 10048 + 00 - 10068 + 50				RT - Shoulder Diagonal Stripe
<u>504</u>	White Total				
	IL 75				Yellow
624	Sta 10048 + 00 - 10068 + 50				Centerline - Skip Dash
80	Sta 10050 + 58.96 - 10058 + 44.57				Stage 2 - Centerline Skip Dash
<u>704</u>	Yellow Total				
1,208	TOTAL				

70300150 SHORT TERM PAVEMENT MARKING REMOVAL

SQ FT	LOCATION	(Surface Removal Only)			
	IL 75				White
28	Sta 10048 + 00 - 10068 + 50				LT - Shoulder Diagonal Stripe
28	Sta 10048 + 00 - 10068 + 50				RT - Shoulder Diagonal Stripe
<u>56</u>	White Total				
	IL 75				Yellow
69	Sta 10048 + 00 - 10068 + 50				Centerline - Skip Dash
27	Sta 10050 + 58.96 - 10058 + 44.57				Stage 2 - Centerline Skip Dash
<u>96</u>	Yellow Total				
152	TOTAL				

70307120 TEMPORARY PAVEMENT MARKING - LINE 4" - TYPE IV TAPE

FOOT	LOCATION	(Per Highway Standards 701321 & Staging Plans)			
	IL 75				White
563	Sta 10051 + 71.00 - 10057 + 34.00				Stage 1 - RT EOP
314	Sta 10053 + 21.67 - 10056 + 34.39				Stage 1 - LT EOP
649	Sta 10051 + 86.00 - 10058 + 34.57				Stage 2 - LT EOP
364	Sta 10052 + 96.11 - 10056 + 59.59				Stage 2 - RT EOP
<u>1,890</u>	TOTAL				

70307210 TEMPORARY PAVEMENT MARKING - LINE 24" - TYPE IV TAPE

FOOT	LOCATION	(Per Highway Standards 701321 & Staging Plans)			
	IL 75				
13	Sta 10051 + 26.00				Stage 1 & 2
13	Sta 10058 + 44.57				Stage 1 & 2
<u>26</u>	TOTAL				

70400100 TEMPORARY CONCRETE BARRIER

FOOT	LOCATION	(Per Highway Standards 701321 & Staging Plans)			
	IL 75				
287.5	Sta 10053 + 61.17 - 10055 + 93.27				Stage 1
<u>287.5</u>	TOTAL				

70400125 PINNING TEMPORARY CONCRETE BARRIER

EACH	LOCATION	(See Staging Plans & Barrier Wall Pinning Transition Detail)			
	IL 75				
1	Sta 10054 + 21.5 - 10054 + 31.5				Stage 1 - (1 per section)
2	Sta 10054 + 31.5 - 10054 + 41.5				Stage 1 - (2 per section)
21	Sta 10054 + 41.5 - 10055 + 12.5				Stage 1 - (3 per section x 7 sections)
2	Sta 10055 + 12.5 - 10055 + 22.5				Stage 1 - (2 per section)
1	Sta 10055 + 22.5 - 10055 + 32.5				Stage 1 - (1 per section)
1	Sta 10054 + 21.5 - 10054 + 31.5				Stage 2 - (1 per section)
2	Sta 10054 + 31.5 - 10054 + 41.5				Stage 2 - (2 per section)
21	Sta 10054 + 41.5 - 10055 + 12.5				Stage 2 - (3 per section x 7 sections)
2	Sta 10055 + 12.5 - 10055 + 22.5				Stage 2 - (2 per section)
1	Sta 10055 + 22.5 - 10055 + 32.5				Stage 2 - (1 per section)
<u>54</u>	TOTAL				

70400200 RELOCATE TEMPORARY CONCRETE BARRIER

FOOT	LOCATION	(Per Highway Standards 701321 & Staging Plans)			
	IL 75				
287.5	Sta 10053 + 62.01 - 10055 + 93.98				Stage 2
<u>287.5</u>	TOTAL				

MODEL: Default
 FILE: \\mfe-pw-backend.com\FW\DOT\Documents\DOT Office\District 2\Projects\2024\813\CAD\Drawings\Drawings\2024\813\shb-Schedule.dgn

USER NAME = anikneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = Oct-07-2021 07:17:22 AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	27
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

70600250 IMPACT ATTENUATORS, TEMPORARY (NON- REDIRECTIVE), TEST LEVEL 3

EACH	LOCATION	(Per Highway Standards 701321 & Staging Plans)			
IL 75					
1	Sta 10053 + 36 - 10053 + 61	Stage 1			
1	Sta 10055 + 94 - 10056 + 19	Stage 1			
2	TOTAL				

70600350 IMPACT ATTENUATORS, RELOCATE (NON- REDIRECTIVE), TEST LEVEL 3

EACH	LOCATION	(Per Highway Standards 701321 & Staging Plans)			
IL 75					
1	Sta 10053 + 36.84 - 10053 + 61.84	Stage 2			
1	Sta 10055 + 94.84 - 10056 + 19.84	Stage 2			
2	TOTAL				

78001110 PAINT PAVEMENT MARKING - LINE 4"

FOOT	LOCATION	(2 Applications of Paint)			
IL 75					
4,100	Sta 10048 + 00 - 10068 + 50	White LT - EOP			
4,100	Sta 10048 + 00 - 10068 + 50	RT - EOP			
8,200	White Total				
IL 75					
198	Sta 10048 + 00 - 10048 + 79	Yellow No Pass LT - Skip Dash			
1,000	Sta 10048 + 79 - 10068 + 50	Centerline - Skip Dash			
1,198	Yellow Total				
9,398	TOTAL				

78100100 RAISED REFLECTIVE PAVEMENT MARKER

EACH	LOCATION				
IL 75					
27	Sta 10048 + 00 - 10068 + 50	Two-way Amber @ 80' o.c.			
27	TOTAL				

78300200 RAISED REFLECTIVE PAVEMENT MARKER REMOVAL

EACH	LOCATION				
IL 75					
27	Sta 10048 + 00 - 10068 + 50				
27	TOTAL				

78300201 PAVEMENT MARKING REMOVAL - GRINDING

SQ FT	LOCATION	(See Staging Plans)			
IL 75					
104.2	Sta 10053 + 21.67 - 10056 + 34.39	Stage 1 - EOT - LT			
59.9	Sta 10051 + 26 - 10058 + 44.57	Stage 1 - Centerline Skip Dash			
121.2	Sta 10052 + 96.11 - 10056 + 59.59	Stage 2 - EOT - RT			
285.3	TOTAL				

X0323660 DROP BOX NO.1

EACH	LOCATION	(See Drop Box Detail)			
IL 75					
1	Sta 10065 + 34	LT			
1	TOTAL				

X0327271 TRAFFIC CONTROL FOR ROAD CLOSURE

EACH	LOCATION	(See Dist Std 40.1)			
IL 75					
1	Structo Road Closure				
1	TOTAL				

X4400110 TEMPORARY PAVEMENT REMOVAL

SQ YD	LOCATION	(See Staging Plans & Special Provisions)			
IL 75					
209.5	Sta 10053 + 06.67 - 10056 + 49.39	Stage 1			
73.3	Sta 10065 + 19 - 10065 + 49	Stage 3			
76.7	Sta 10065 + 19 - 10065 + 49	Stage 4			
359.5	TOTAL				

MODEL: Default
 FILE: \\mfr-pw-bentley.com\FW\DOT\Documents\DOT Office\District 2\Project\2024\131\CAD\Drawn\CDPrecess\2024\131\sh-Schedule.dgn

USER NAME = anikneyde	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = Oct-07-2021 07:17:40 AM	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	28
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

X6061461 PAVED DITCH (VARIABLE)

SQ YD LOCATION (See Plan Detail "A" & Special Provisions)

	IL 75			
24.2	Sta	10065 + 34	50' RT to 79' RT	
24.2	TOTAL			

X7030005 TEMPORARY PAVEMENT MARKING REMOVAL

SQ FT LOCATION (See Staging Plans & Temporary Pavement Marking Provision)

	IL 75			White
188	Sta	10051 + 71.00 - 10057 + 34.00		Stage 1 - RT EOP
105	Sta	10053 + 21.67 - 10056 + 34.39		Stage 1 - LT EOP
216	Sta	10051 + 86.00 - 10058 + 34.57		Stage 2 - LT EOP
121	Sta	10052 + 96.11 - 10056 + 59.59		Stage 2 - RT EOP
26	Sta	10051 + 26.00		Stage 1 & 2 - Stop Bar
26	Sta	10058 + 44.57		Stage 1 & 2 - Stop Bar
682	TOTAL			

Z0025505 PROPERTY MARKERS

EACH LOCATION (See Special Provisions)

	IL 75		
1	Sta	10054 + 50	85 - LT
1	Sta	10054 + 50	85 - RT
1	Sta	10055 + 05	85 - LT
1	Sta	10055 + 13.46	85 - RT
1	Sta	10065 + 00	40 - RT
1	Sta	10065 + 10	90 - RT
1	Sta	10065 + 60	90 - RT
7	TOTAL		

Z0028415 GEOTECHNICAL REINFORCEMENT

SQ YD LOCATION (See Special Provisions)

	IL 75	
2,750	As Needed & Directed by the Geotech Unit (For Under HMA Shoulders)	
2,750	TOTAL	

Z0054500 ROCK FILL

TON LOCATION (See Special Provisions)

	IL 75		
247.3	Sta	10054 + 78	(Depth = 12")
33.6	Sta	10065 + 34	(Depth = 12")
280.9	TOTAL		

Z0062456 TEMPORARY PAVEMENT

SQ YD LOCATION (See Staging Plans & Special Provisions)

	IL 75			
209.5	Sta	10053 + 06.67 - 10056 + 49.39		Stage 1
73.3	Sta	10065 + 19 - 10065 + 49		Stage 3
76.7	Sta	10065 + 19 - 10065 + 49		Stage 4
359.5	TOTAL			

MODEL: Default
 FILE: \\m1151-pw-bentley.com\FW\DOT\Documents\DOT Office\District 2\Projects\2024\1313\CD\Drawn\CDProcess\2024\1313\1313-Schedule.dgn

USER NAME = anikneyde	DESIGNED -	REVISED -
PLOT SCALE = 100,0000' / in.	DRAWN -	REVISED -
PLOT DATE = Oct-07-2021 07:17:58 AM	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SCHEDULE OF QUANTITIES				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	29
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

Location	Remarks	Length	Proposed Surface		*40600275*	**40600290**	***40602965***	***40604050***	40733705	44000160	48203018	X4400196
			Width	Sq Yd	Bituminous Materials (Prime Coat)	Bituminous Materials (Tack Coat)	Hot-Mix Asphalt Binder Course, IL-9.5FG, N50	Hot-Mix Asphalt Surface Course, IL-9.5, Mix "C", N50	Longitudinal Joint Sealant (Centerline)	Hot-Mix Asphalt Surface Removal, 2 3/4"	Hot-Mix Asphalt Shoulders, 5 1/4"	Hot-Mix Asphalt Surface Removal, Special (Joint Trimming)
					Pound	****Pound****	****Ton****	****Ton****	Foot	Sq Yd	Sq Yd	Sq Yd
IL 75 - Mainline												
Sta 10048 + 00 - 10054 + 46	Start	646	26	1,866.2		1,308.2	162.8	162.8	646	1,866.2		71.8
Sta 10054 + 46 - 10055 + 09	Patch	63	26	182.0		127.6	15.9	15.9	63	182.0		7.0
Sta 10055 + 09 - 10059 + 77		468	26	1,352.0		947.7	117.9	117.9	468	1,352.0		52.0
Sta 10059 + 77 - 10065 + 19		542	26	1,565.8		1,097.6	136.6	136.6	542	1,565.8		60.2
Sta 10065 + 19 - 10065 + 49	Patch	30	26	86.7		60.8	7.6	7.6	30	86.7		3.3
Sta 10065 + 49 - 10067 + 50		201	26	580.7		407.0	50.7	50.7	201	580.7		22.3
Sta 10067 + 50 - 10068 + 50	End	100	26	288.9		202.5	25.2	25.2	100	288.9		11.1
IL 75 - Shoulders LT												
Sta 10018 + 00 - 10018 + 50	Taper	50	3.5 - 7	29.2	65.7	13.1		4.9			29.2	
Sta 10048 + 50 - 10054 + 46		596	7	463.6	1,043.0	208.6		77.9			463.6	
Sta 10054 + 46 - 10055 + 09	Patch	63	7	49.0	110.3	22.1		8.2			49.0	
Sta 10055 + 09 - 10059 + 77		468	7	364.0	819.0	163.8		61.2			364.0	
Sta 10059 + 77 - 10063 + 00		323	7	251.2	565.3	113.1		42.2			251.2	
Sta 10063 + 00 - 10064 + 79		179	7	139.2	313.3	62.7		23.4			139.2	
Sta 10064 + 00 - 10065 + 19		40	7	31.1	70.0	14.0		5.2			31.1	
Sta 10065 + 19 - 10065 + 49	Patch / Pre-Stage 3	30	7	23.3	52.5	10.5		3.9			23.3	
Sta 10065 + 19 - 10065 + 49	Patch / Stage 6	30	7	23.3	52.5	10.5		3.9			23.3	
Sta 10065 + 49 - 10068 + 00		251	7	195.2	439.3	87.9		32.8			195.2	
Sta 10068 + 00 - 10068 + 50	Taper	50	7 - 3.5	29.2	65.7	13.1		4.9			29.2	
IL 75 - Shoulders RT												
Sta 10048 + 00 - 10048 + 50	Taper	50	3.5 - 7	29.2	65.7	13.1		4.9			29.2	
Sta 10048 + 50 - 10052 + 81		431	7	335.2	754.3	150.9		56.3			335.2	
Sta 10052 + 81 - 10055 + 09	Stage 1	228	7	177.3	399.0	79.8		29.8			177.3	
Sta 10055 + 71 - 10059 + 37		366	8.5 - 12.6	443.9		199.8		74.6		443.9		
Sta 10059 + 37 - 10064 + 33		496	12.6 - 11.2	607.7		273.5		102.1		607.7		
Sta 10064 + 33 - 10065 + 19		86	11.2 - 7	84.7		38.1		14.2		84.7		
Sta 10065 + 19 - 10065 + 49	Patch	30	7 - 7.2	23.6	53.1	10.6		4.0			23.6	
Sta 10065 + 49 - 10067 + 72		223	7.2 - 10.6	144.6		65.1		24.3		144.6		
Sta 10067 + 72 - 10068 + 00		28	10.6 - 7	102.0	229.5	45.9		17.1			102.0	
Sta 10068 + 00 - 10068 + 50	Taper	50	7 - 3.5	29.2	65.7	13.1		4.9			29.2	
TOTAL				9,498.1	5,163.7	5,760.4	516.6	1,117.3	2,050	7,203.1	2,295.0	227.8

* Bituminous Materials (Prime Coat) Rate of Application = 0.25 Lb / Sq Ft on Aggregate

** Bituminous Materials (Tack Coat) Rate of Application = 0.05 Lb / Sq Ft on Existing HMA, 0.025 Lb / Sq Ft Between Lifts of HMA Binder

*** Hot-Mix Asphalt Rate of Application = 112 Lbs / Sq Yd / in

**** Quantities are Figured 6" Wider on Each Edge Side to Account for Joint Trimming (Mainline HMA Surface, HMA Binder, and Tack Coat)

MODEL: Default
 FILE: \\bluest-pw-bead-fs.com\FW\DOT\Documents\DOT Office\District 2\Projects\22048131\CADD\Drawn\CDPreced\22048131-shs-Schedule.dgn

USER NAME = anikneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = Oct-07-2021 07:18:10 AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

HOT-MIX ASPHALT SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	30
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

ENTRANCE / SIDE ROAD SCHEDULE

				35101400	**40600290**	***40800050***	44000160
Location	Type	Existing Surface Type	Proposed Surface Area	Aggregate Base Course, Type B	Bituminous Materials (Tack Coat)	Incidental Hot-Mix Asphalt Surfacing (2 3/4")	Hot-Mix Asphalt Surface Removal, 2 3/4"
			(SQ YD)	(TON)	(POUND)	(TON)	(SQ YD)
IL 75							
Sta 10056 + 00	FE - LT	AGG	207.4	94.5			
Sta 10059 + 77	CE - RT	HMA	89.4		40.2	16.3	89.4
Sta 10064 + 79	CE - RT	HMA	99.2		44.6	18.1	99.2
Sta 10067 + 28	CE - RT	HMA	97.3		43.8	17.7	97.3
STRUCTO ROAD							
Sta 10055 + 38	SIDE ROAD	HMA	145.0		65.3	26.4	145.0
Totals			638.3	94.5	193.9	78.4	430.9

** Bituminous Materials (Tack Coat) Rate of Application = 0.05 Lb / Sq Ft on Existing HMA, 0.025 Lb / Sq Ft Between Lifts

*** Hot-Mix Asphalt Rate of Application = 112 Lbs / Sq Yd / in

MODEL: Default
 FILE NAME: p:\project\aw\beadefy.com\P\I\DOT\Documents\DOT\Office\District_2\Project\204813\CADD\Drawn\CADProcess\204813_sht_Schedule.dgn

USER NAME = anikneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = Oct-07-2021 07:18:33 AM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

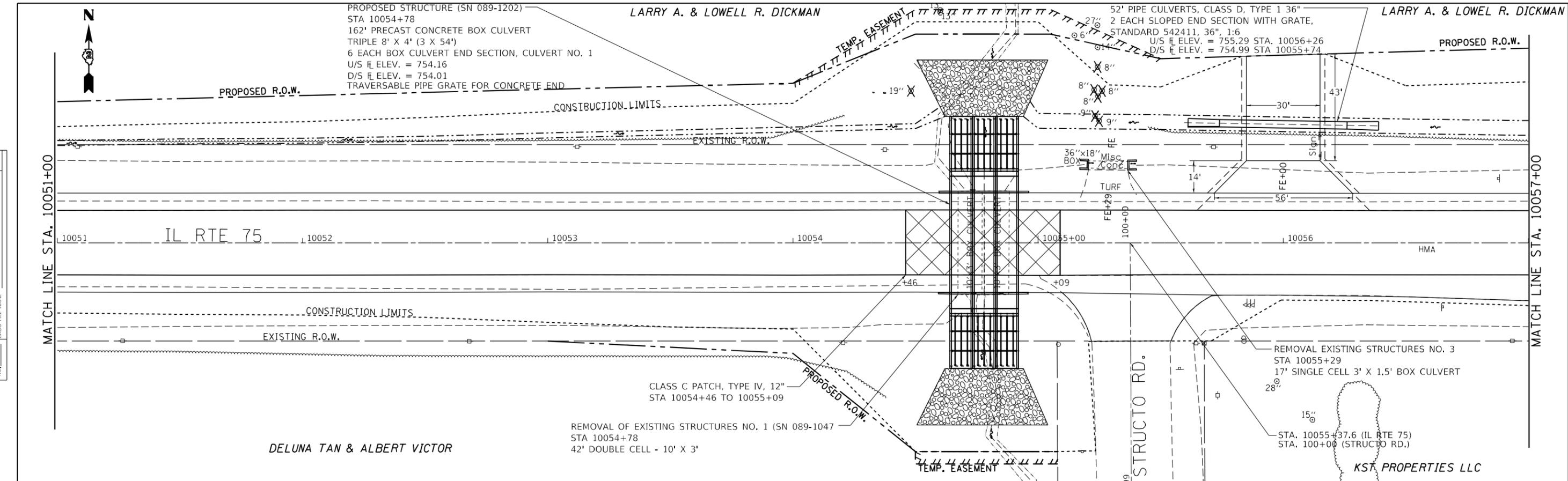
ENTRANCE /SIDE ROAD SCHEDULE

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	31
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

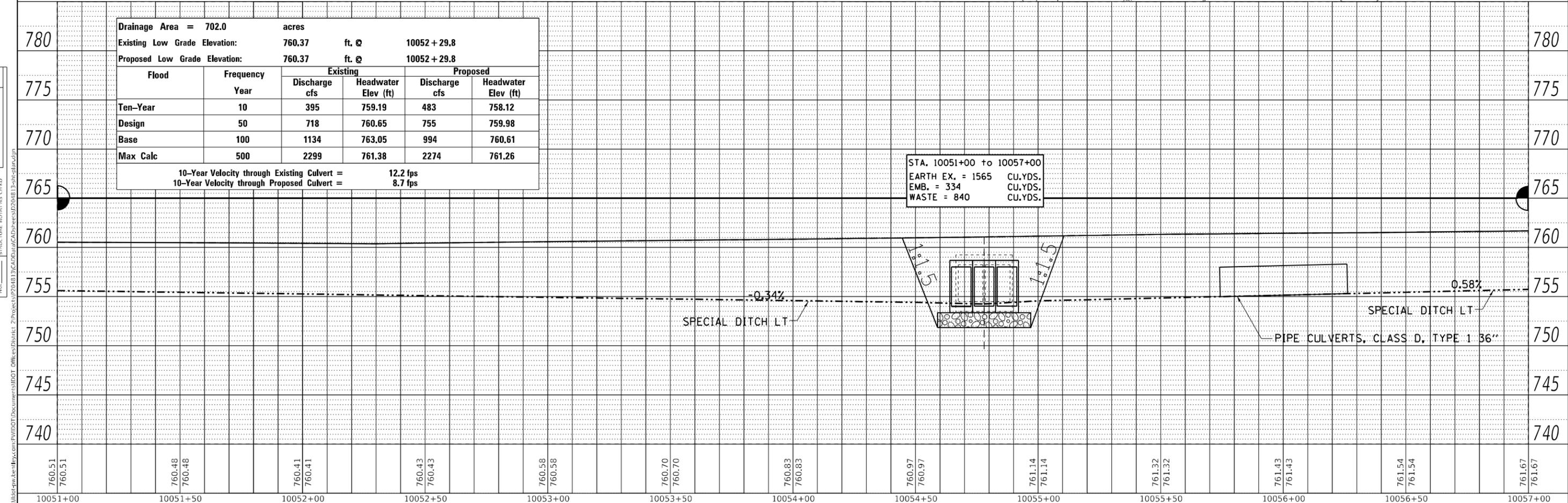
PLAN	SURVEYED	DATE
	PLOTTED	BY
	ALIGNED	CHECKED
	GRADE	FILE NAME
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES	CHECKED
	STRUCTURE	NOTATION
	NO.	



Drainage Area = 702.0 acres					
Existing Low Grade Elevation:		760.37	ft. @	10052 + 29.8	
Proposed Low Grade Elevation:		760.37	ft. @	10052 + 29.8	
Flood	Frequency	Existing		Proposed	
	Year	Discharge cfs	Headwater Elev (ft)	Discharge cfs	Headwater Elev (ft)
Ten-Year	10	395	759.19	483	758.12
Design	50	718	760.65	755	759.98
Base	100	1134	763.05	994	760.61
Max Calc	500	2299	761.38	2274	761.26
10-Year Velocity through Existing Culvert =		12.2 fps			
10-Year Velocity through Proposed Culvert =		8.7 fps			

STA. 10051+00 to 10057+00
 EARTH EX. = 1565 CU.YDS.
 EMB. = 334 CU.YDS.
 WASTE = 840 CU.YDS.



10051+00	10051+50	10052+00	10052+50	10053+00	10053+50	10054+00	10054+50	10055+00	10055+50	10056+00	10056+50	10057+00													
760.51	760.51	760.48	760.48	760.41	760.41	760.43	760.43	760.58	760.58	760.70	760.70	760.83	760.83	760.97	760.97	761.14	761.14	761.32	761.32	761.43	761.43	761.54	761.54	761.67	761.67

USER NAME = ankeyde	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = Oct-06-2021 12:48:33 PM	CHECKED -	REVISED -
	DATE -	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PLAN & PROFILE			
IL 75			
SCALE:	SHEET	OF SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	33
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

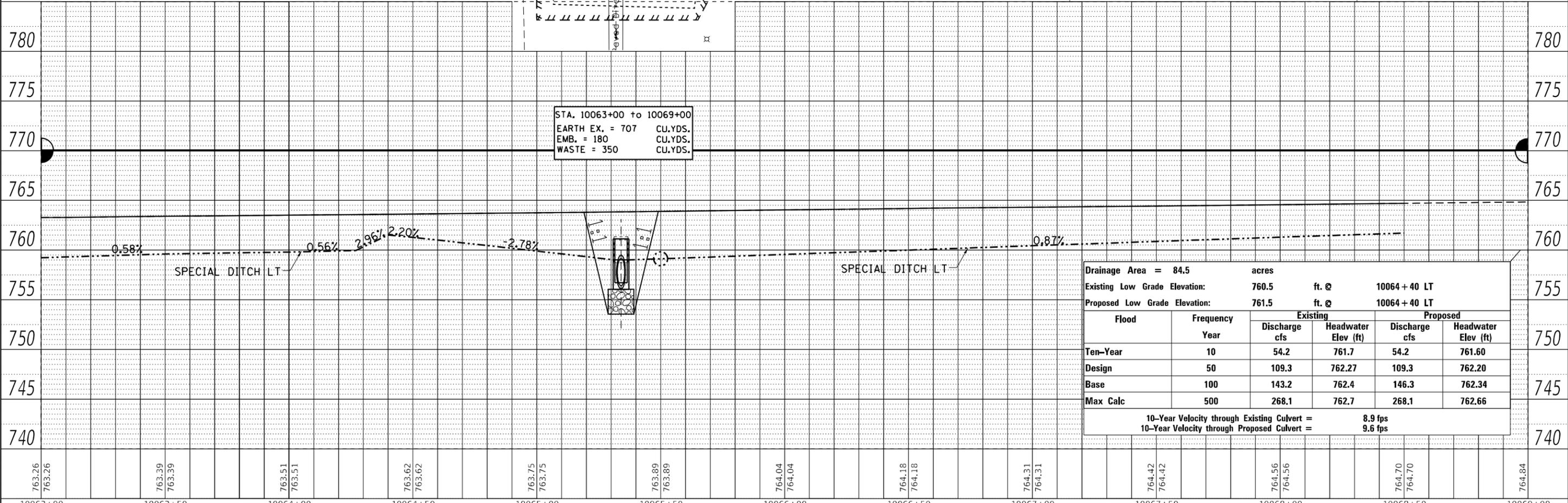
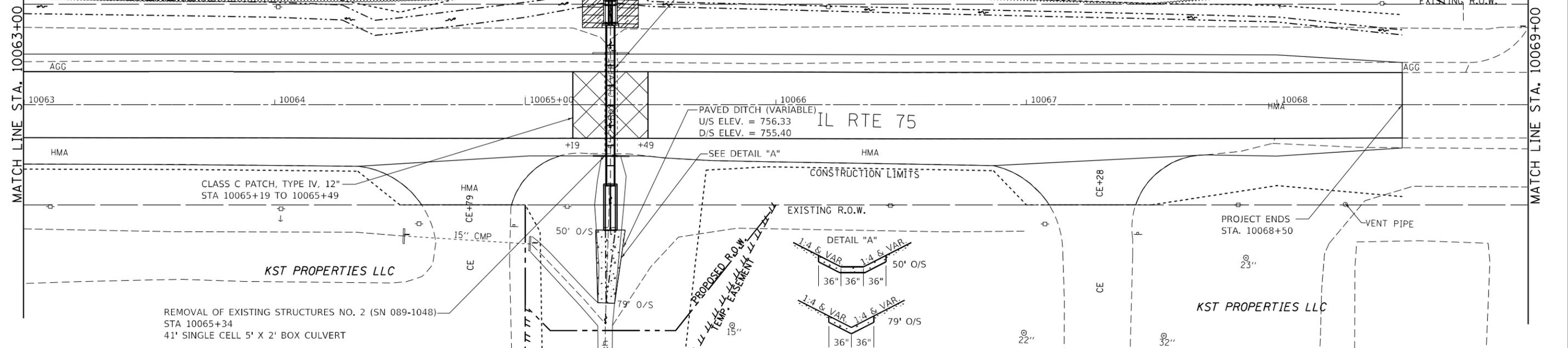
PROPOSED STRUCTURE (SN N/A)
 STA 10065+34
 64' PIPE CULVERTS, CLASS A, TYPE 1, 36"
 1 EACH CONCRETE END SECTION STANDARD 542001, 36", 1:4
 U/S F ELEV. = 756.71
 D/S F ELEV. = 756.41
 TRAVERSABLE PIPE GRATE FOR CONCRETE END



FREEPORT METAL SPECIALTIES

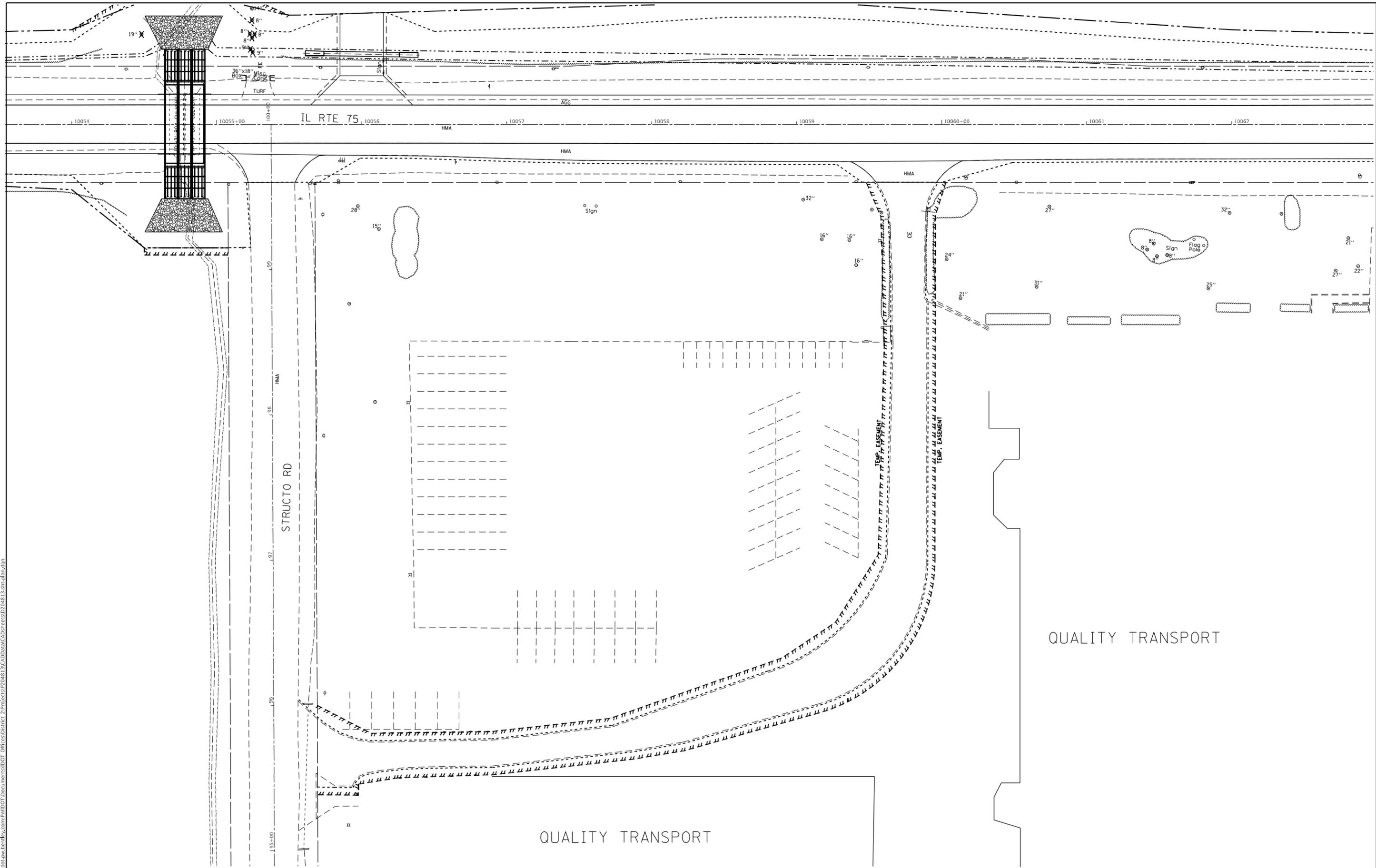
PLAN	SURVEYED	DATE
	PLOTTED	
	ALIGNED	
	CHECKED	
	DATE	
	BY	
	NO.	

PROFILE	SURVEYED	DATE
	PLOTTED	
	GRADES	
	CHECKED	
	STRUCTURE	
	NOTATION	
	NO.	



STA. 10063+00 to 10069+00
 EARTH EX. = 707 CU.YDS.
 EMB. = 180 CU.YDS.
 WASTE = 350 CU.YDS.

Drainage Area = 84.5		acres			
Existing Low Grade Elevation:		760.5	ft. @ 10064 + 40 LT		
Proposed Low Grade Elevation:		761.5	ft. @ 10064 + 40 LT		
Flood	Frequency Year	Existing		Proposed	
		Discharge cfs	Headwater Elev (ft)	Discharge cfs	Headwater Elev (ft)
Ten-Year	10	54.2	761.7	54.2	761.60
Design	50	109.3	762.27	109.3	762.20
Base	100	143.2	762.4	146.3	762.34
Max Calc	500	268.1	762.7	268.1	762.66
10-Year Velocity through Existing Culvert =				8.9 fps	
10-Year Velocity through Proposed Culvert =				9.6 fps	



MODEL: Default
 FILE NAME: p:\ultra-cw-bentley.com\PIV\DOT\Documents\DOT Office\District 2\Project\204813\CADD\Drawn\CADProcess\204813-shr-lbr.dgn

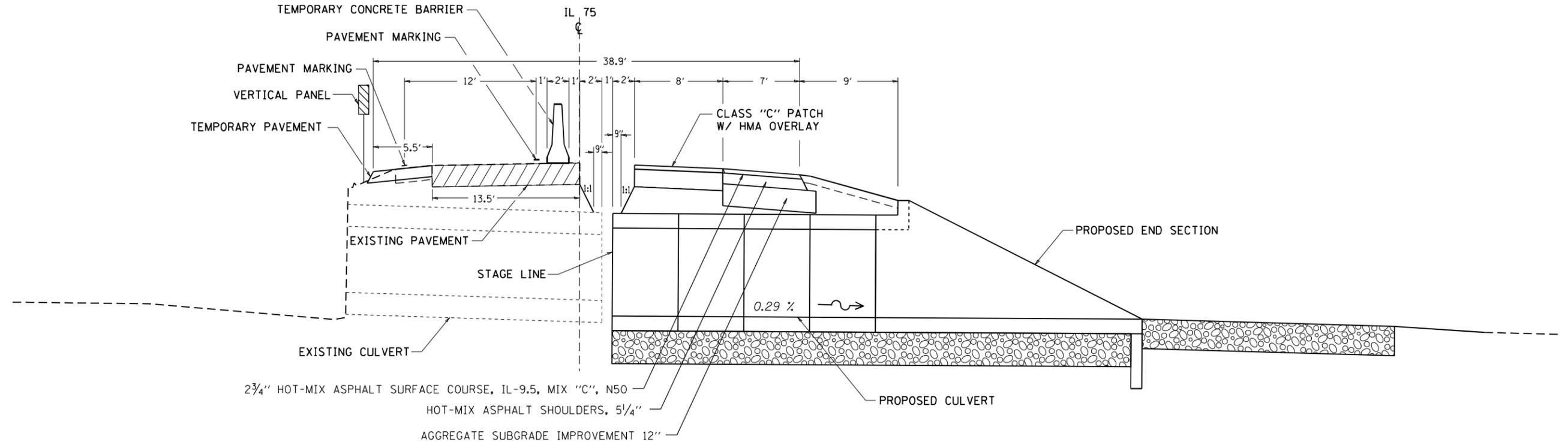
USER NAME = anikneyde	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 60,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = Oct-06-2021 12:48:35 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

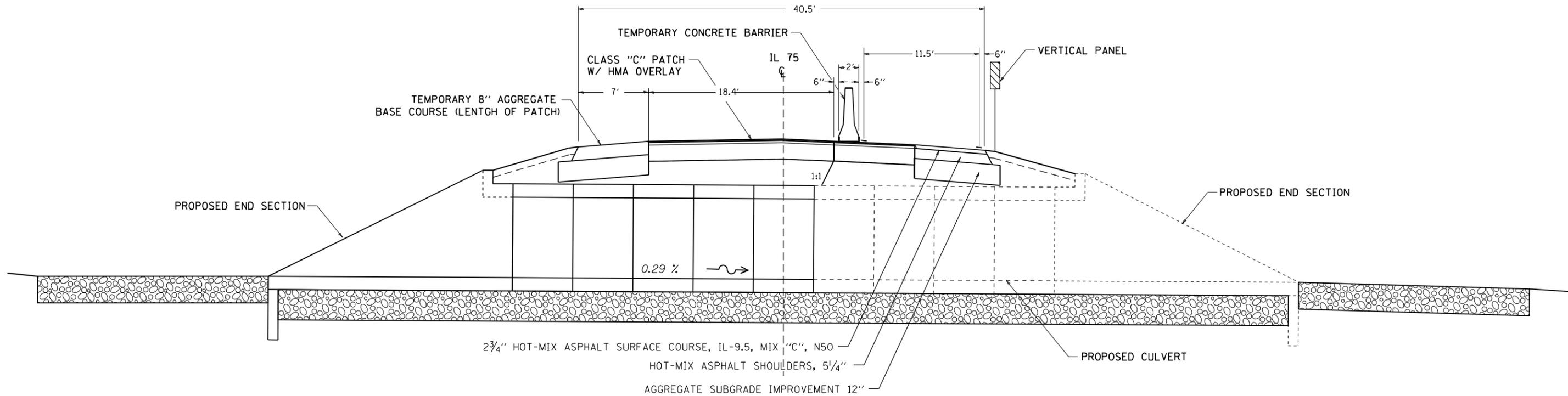
PLAN SHEET				
TEMPORARY ACCESS ROUTE IL75 /STRUCTO ROAD				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	36
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

STA. 10054+78
STAGE 1 TYPICAL



STA. 10054+78
STAGE 2 TYPICAL



MODEL: Default
FILE NAME: p:\project\p204813\CADD\Drawn\CDPrecess\204813_sht-1.dwg
PROJECT: 204813-CDPrecess\204813_sht-1.dwg

USER NAME = anikneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = Oct-06-2021 01:00:53 PM	DATE -	REVISED -

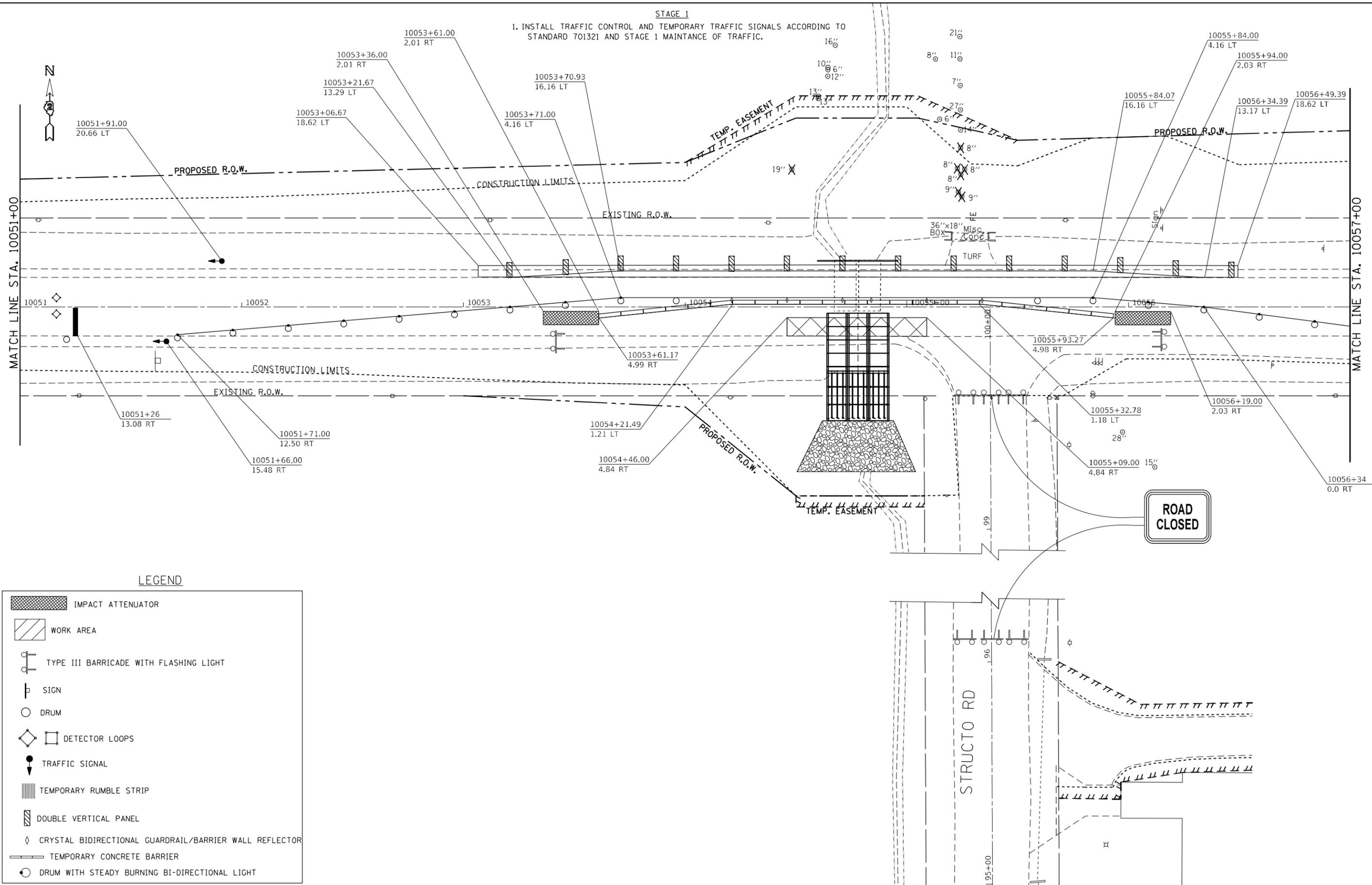
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	37
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

STAGE 1

1. INSTALL TRAFFIC CONTROL AND TEMPORARY TRAFFIC SIGNALS ACCORDING TO STANDARD 701321 AND STAGE 1 MAINTNACE OF TRAFFIC.



LEGEND

	IMPACT ATTENUATOR
	WORK AREA
	TYPE III BARRICADE WITH FLASHING LIGHT
	SIGN
	DRUM
	DETECTOR LOOPS
	TRAFFIC SIGNAL
	TEMPORARY RUMBLE STRIP
	DOUBLE VERTICAL PANEL
	CRYSTAL BIDIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR
	TEMPORARY CONCRETE BARRIER
	DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT

MODEL: Default
 FILE NAME: p:\project-pw-bentley.com\FWIDOT\Documents\DOT Office\Director_2\Projects\1204813\CADD\Drawn\CADProcess\20240813_sht-ctab06.dgn

USER NAME = anikneyde	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = Oct-06-2021 01:00:33 PM	CHECKED -	REVISED -
	DATE -	REVISED -

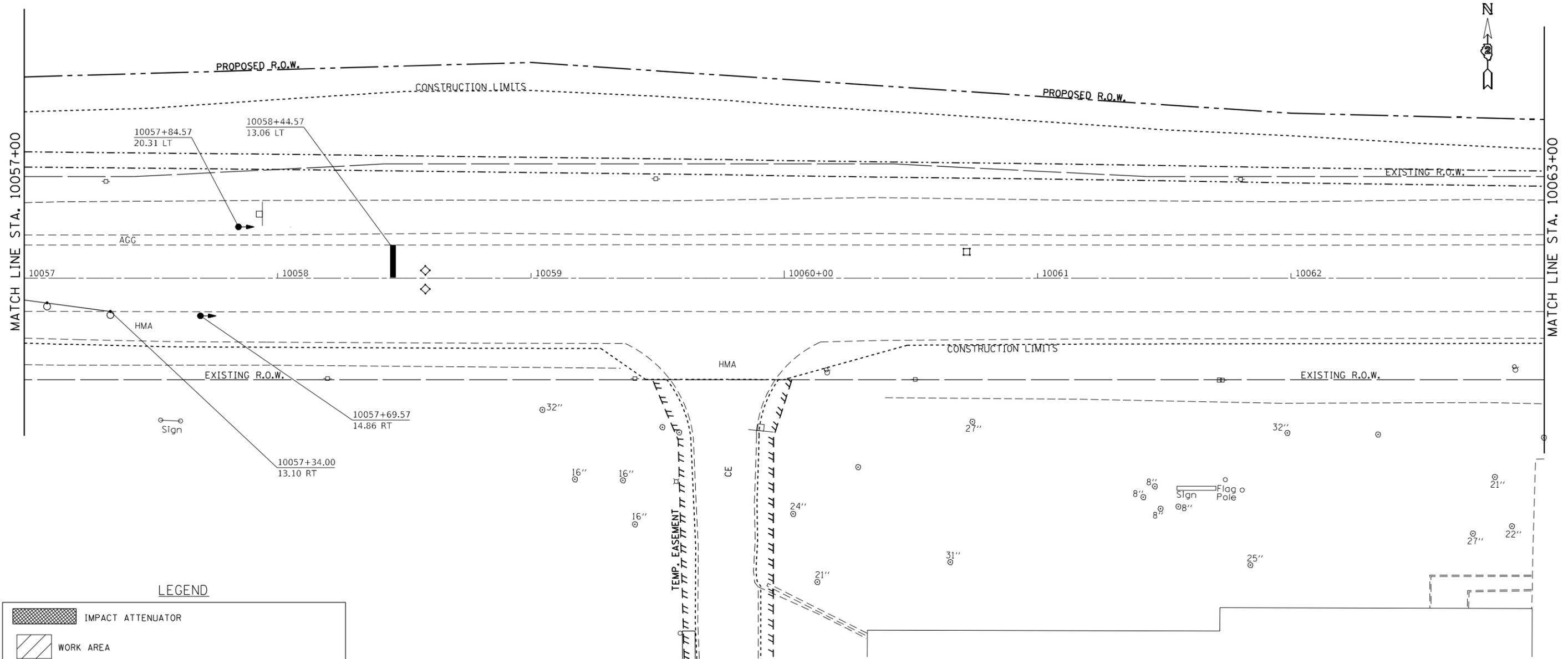
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING, STAGE 1, IL 75

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	38
			CONTRACT NO. 64J63	
ILLINOIS FED. AID PROJECT				

STAGE 1
 1. INSTALL TRAFFIC CONTROL AND TEMPORARY TRAFFIC SIGNALS ACCORDING TO
 STANDARD 701321 AND STAGE 1 MAINTNANCE OF TRAFFIC.



LEGEND

	IMPACT ATTENUATOR
	WORK AREA
	TYPE III BARRICADE WITH FLASHING LIGHT
	SIGN
	DRUM
	DETECTOR LOOPS
	TRAFFIC SIGNAL
	TEMPORARY RUMBLE STRIP
	DOUBLE VERTICAL PANEL
	CRYSTAL BIDIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR
	TEMPORARY CONCRETE BARRIER
	DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT

MODEL: Default
 FILE NAME: p:\ultra\paw_bentley.com\FW\DOT\Documents\DOT Office\Director_2\Project\1204813\CADD\plan\CADprocess\1204813_sht-ctg10a.dgn

USER NAME = anikneyde	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 */ in.	DRAWN -	REVISED -
PLOT DATE = Oct-06-2021 01:00:34 PM	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

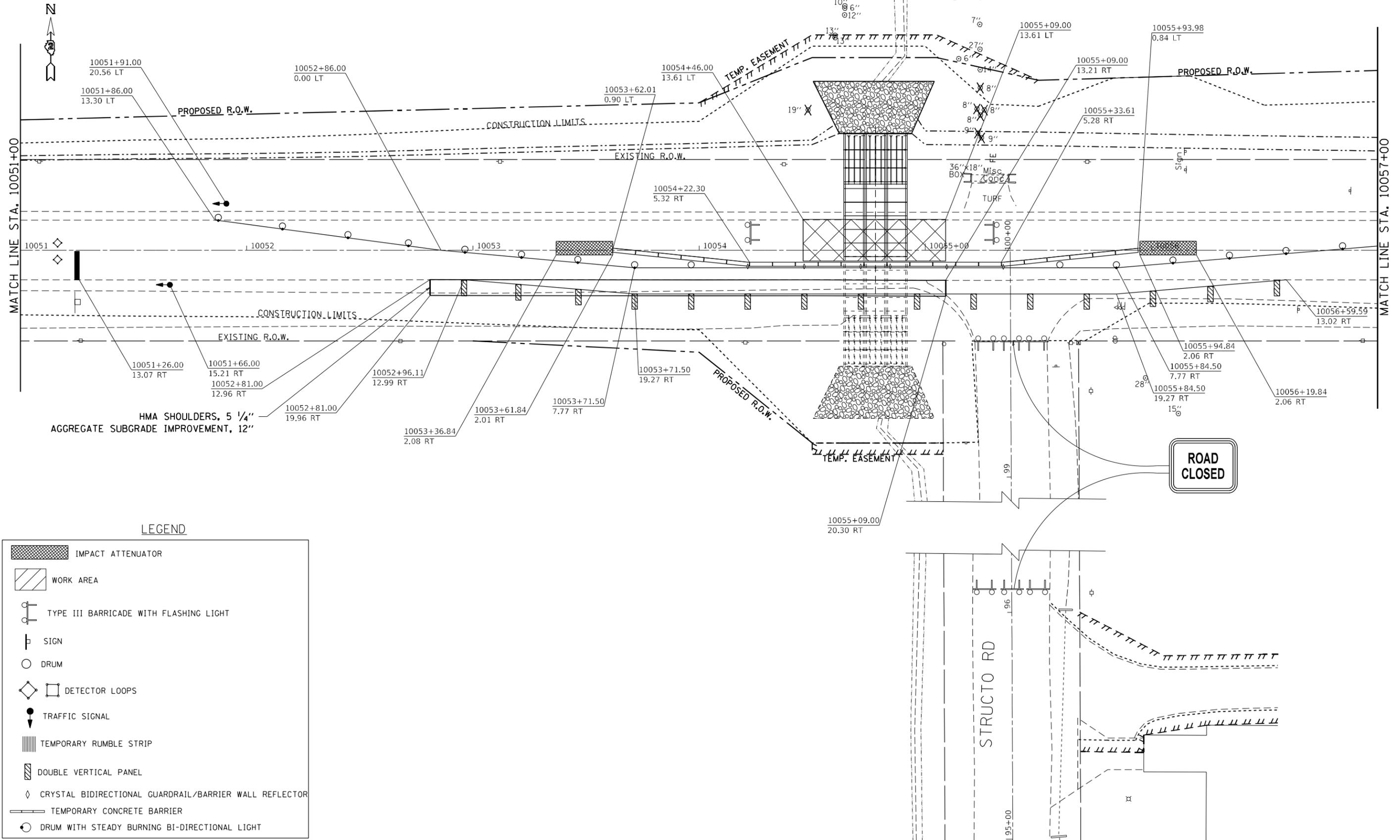
STAGING, STAGE 1, IL 75

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	39
CONTRACT NO. 64J63			ILLINOIS FED. AID PROJECT	

STAGE 2

1. INSTALL TRAFFIC CONTROL AND TEMPORARY TRAFFIC SIGNALS ACCORDING TO STANDARD 701321 AND STAGE 2 MAINTENANCE OF TRAFFIC.



LEGEND

	IMPACT ATTENUATOR
	WORK AREA
	TYPE III BARRICADE WITH FLASHING LIGHT
	SIGN
	DRUM
	DETECTOR LOOPS
	TRAFFIC SIGNAL
	TEMPORARY RUMBLE STRIP
	DOUBLE VERTICAL PANEL
	CRYSTAL BIDIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR
	TEMPORARY CONCRETE BARRIER
	DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT

MODEL: Default
 FILE NAME: p:\subsect-pw-beadefy.com\FW\DOT\Documents\DOT Office\Dir\dir_2\Project\1204813\CADD\Drawn\CADProcess\20240813_sht-ctg18a.dgn

USER NAME = anikneyde	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = Oct-06-2021 01:00:34 PM	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

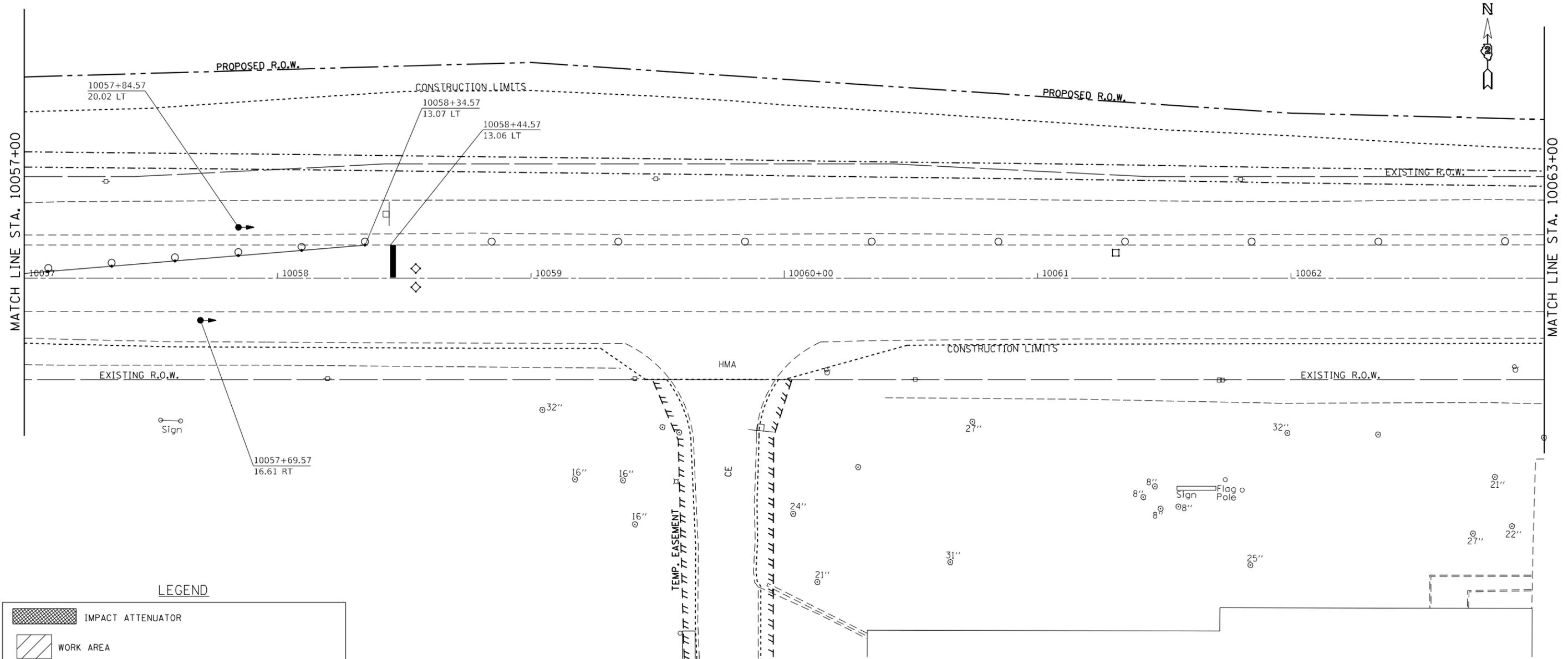
STAGING, STAGE 2, IL 75

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE. 505	SECTION 110T	COUNTY STEPHENSON	TOTAL SHEETS 99	SHEET NO. 40
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

STAGE 2

1. INSTALL TRAFFIC CONTROL AND TEMPORARY TRAFFIC SIGNALS ACCORDING TO STANDARD 701321 AND STAGE 2 MAINTANCE OF TRAFFIC.



LEGEND

	IMPACT ATTENUATOR
	WORK AREA
	TYPE III BARRICADE WITH FLASHING LIGHT
	SIGN
	DRUM
	DETECTOR LOOPS
	TRAFFIC SIGNAL
	TEMPORARY RUMBLE STRIP
	DOUBLE VERTICAL PANEL
	CRYSTAL BIDIRECTIONAL GUARDRAIL/BARRIER WALL REFLECTOR
	TEMPORARY CONCRETE BARRIER
	DRUM WITH STEADY BURNING BI-DIRECTIONAL LIGHT

MODEL: Default
 FILE NAME: p:\ultra\paw_bend\paw.com\FW\DOT\Documents\DOT Office\Director_2\Projects\1204813\CADD\paw\CADprocess\1204813_sht-ctg100.dgn

USER NAME = anikneyde	DESIGNED -	REVISED -
PLOT SCALE = 40,0000 */ in.	DRAWN -	REVISED -
PLOT DATE = Oct-06-2021 01:00:35 PM	CHECKED -	REVISED -
	DATE -	REVISED -

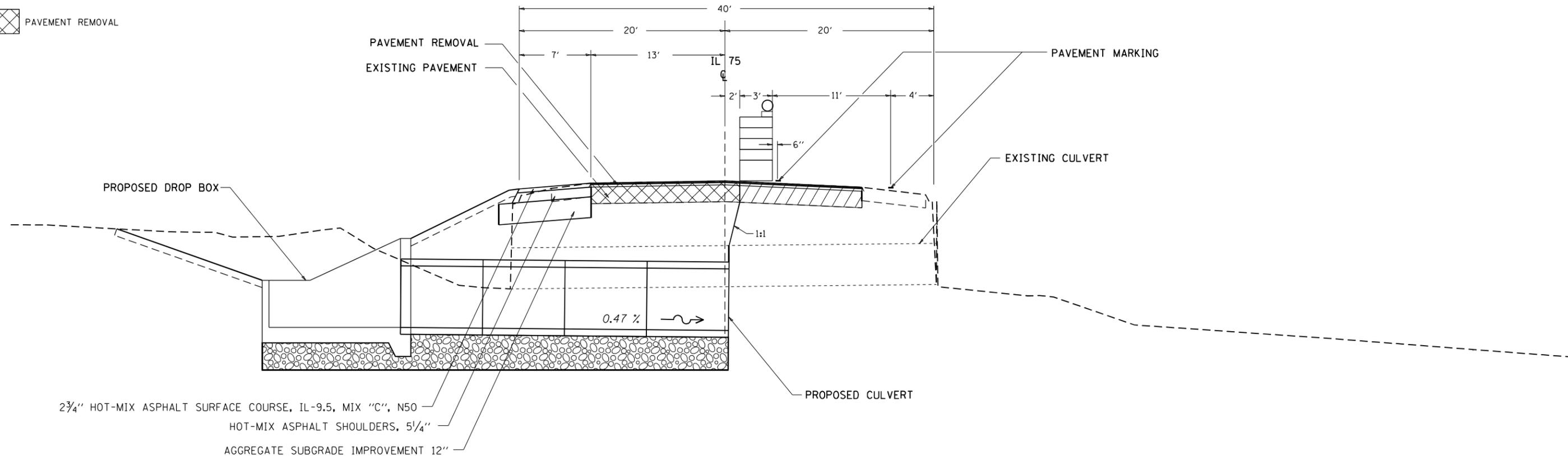
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING, STAGE 2, IL 75
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	41
ILLINOIS FED. AID PROJECT			CONTRACT NO. 64J63	

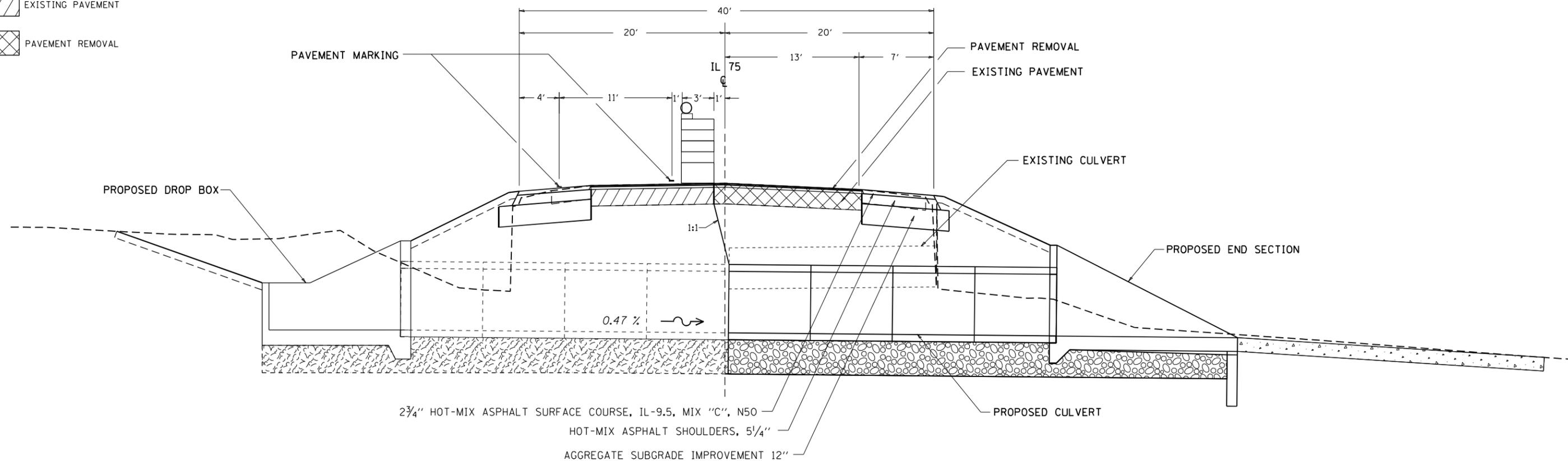
EXISTING PAVEMENT
PAVEMENT REMOVAL

STA. 10065+34
STAGE 3 TYPICAL



EXISTING PAVEMENT
PAVEMENT REMOVAL

STA. 10065+34
STAGE 4 TYPICAL



MODEL: Default
FILE NAME: p:\project-aw-beadby.com\FWIDOT\Documents\DOT Office\District 2\Project\1204813\CADD\Drawn\CD\Process\1204813.dwg-ctab1.dwg

USER NAME = anikneyde	DESIGNED -	REVISED -
DRAWN -	REVISED -	
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = Oct-06-2021 01:00:35 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STAGING, STAGE 3 & 4 TYPICAL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	42
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

STAGING FOR CULVERT AT STA. 10065+34

PRE-STAGE 3

1. SETUP & USE TRAFFIC CONTROL & PROTECTION 701326
2. PLACE THE AGGREGATE SUBGRADE IMPROVEMENT 12" FROM STA. 10063+00 TO STA. 10068+50 LT
3. CONSTRUCT THE HOT-MIX ASPHALT SHOULDERS, 5 1/4"
4. CONSTRUCT THE HOT-MIX ASPHALT SURFACE COURSE ON SHOULDERS
5. DRESS UP THE SLOPE AND DITCHES

STAGE 3

1. SETUP & USE TRAFFIC CONTROL & PROTECTION 701201
2. REMOVE PAVEMENT & SHOULDERS FROM STA. 10065+19 TO STA. 10065+49 LT
3. REMOVE PART OF THE EXISTING CULVERT
4. PLACE ROCK FILL, 36' PIPE CULVERT AND BACKFILL
5. CONSTRUCT TEMPORARY PATCH, USING TEMPORARY PAVEMENT

STAGE 4

1. UTILIZING TRAFFIC CONTROL & PROTECTION 701201
2. REMOVE PAVEMENT & SHOULDERS FROM STA. 10065+19 TO STA. 10065+49 RT
3. REMOVE REMAINDER OF EXISTING CULVERT
4. PLACE ROCK FILL, 36' PIPE CULVERT AND BACKFILL
5. CONSTRUCT TEMPORARY PATCH, USING TEMPORARY PAVEMENT

STAGE 5

1. UTILIZING TRAFFIC CONTROL & PROTECTION 701201
2. REMOVE TEMPORARY PATCH ON MAINLINE FROM STA. 10065+19 TO 10065+49
3. CONSTRUCT THE CLASS C PATCH
4. PLACE THE HOT-MIX ASPHALT SURFACE COURSE OVER PATCH

STAGE 6

1. UTILIZING TRAFFIC CONTROL & PROTECTION 701201
2. REMOVE THE TEMPORARY PATCH ON SHOULDERS FROM STA. 10065+19 TO STA. 10065+49
3. PLACE AGGREGATE SUBGRADE IMPROVEMENT 12"
4. CONSTRUCTION THE HOT-MIX ASPHALT SHOULDERS, 5 1/4"
5. PLACE THE HOT-MIX ASPHALT SURFACE COURSE ON THE SHOULDERS

STAGE 7

1. SETUP & USE TRAFFIC CONTROL 701006
2. PLACE THE END SECTION
3. CONSTRUCT PAVED DITCH
4. DRESS UP SLOPES & DITCHES

STAGE 8

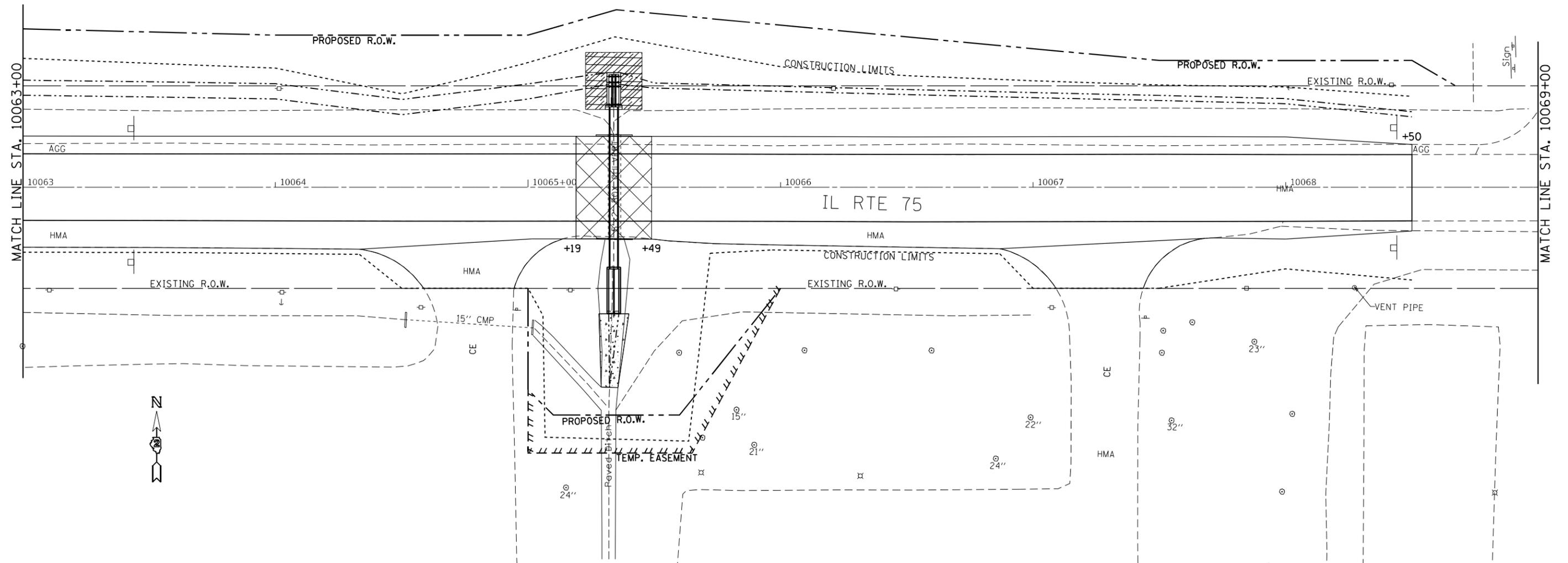
1. SETUP & USE TRAFFIC CONTROL 701006
2. CONSTRUCT DROP BOX
3. DRESS UP SLOPE & DITCHES
4. REMOVE TRAFFIC CONTROL FOR STAGING

STAGE 9

1. SETUP & USE TRAFFIC CONTROL & PROTECTION 701306
2. DO THE HOT-MIX ASPHALT SURFACE REMOVAL ON MAINLINE & SHOULDERS
3. COMPLETE THE HOT-MIX ASPHALT PAVING WORK

STAGE 10

1. COMPLETE FINAL GRADING & SHAPING ALONG WITH REMAINING EROSION CONTROL ITEMS
2. COMPLETE THE FINAL SEEDING
3. COMPLETE THE FINAL PAVEMENT MARKING



MODEL: Default
 FILE NAME: p:\ultra\paw\bea\paw.com\PIV\DOT\Documents\DOT Office\Dir\dir_2\Project\102\04813\CADD\paw\CADD\paw\102\04813_sht-41.dwg.dgn

USER NAME = anikneyde	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = Oct-06-2021 01:00:35 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

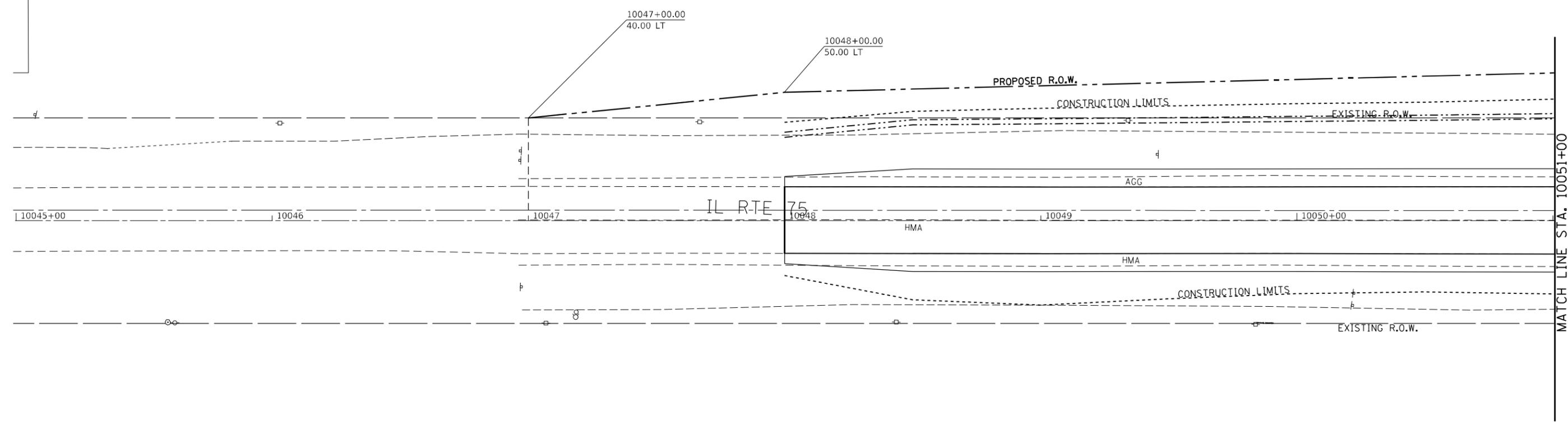
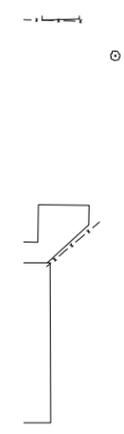
STAGING, STAGE 3 & 4, IL 75

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	43
			CONTRACT NO. 64J63	
ILLINOIS FED. AID PROJECT				



LARRY A. & LOWELL R. DICKMAN



MATCH LINE STA. 10051+00

DELUNA TAN & ALBERT VICTOR

FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 75 R.O.W. & EASEMENT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 2\Projects\P204813\CDRAWINGS\Drawings\0204813-sht-R0W-plans.dgn	DRAWN	REVISED -	REVISED -					505	110T	STEPHENSON	99	44
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 64J63				
	PLOT DATE = Oct-06-2021 01:11:11 PM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							

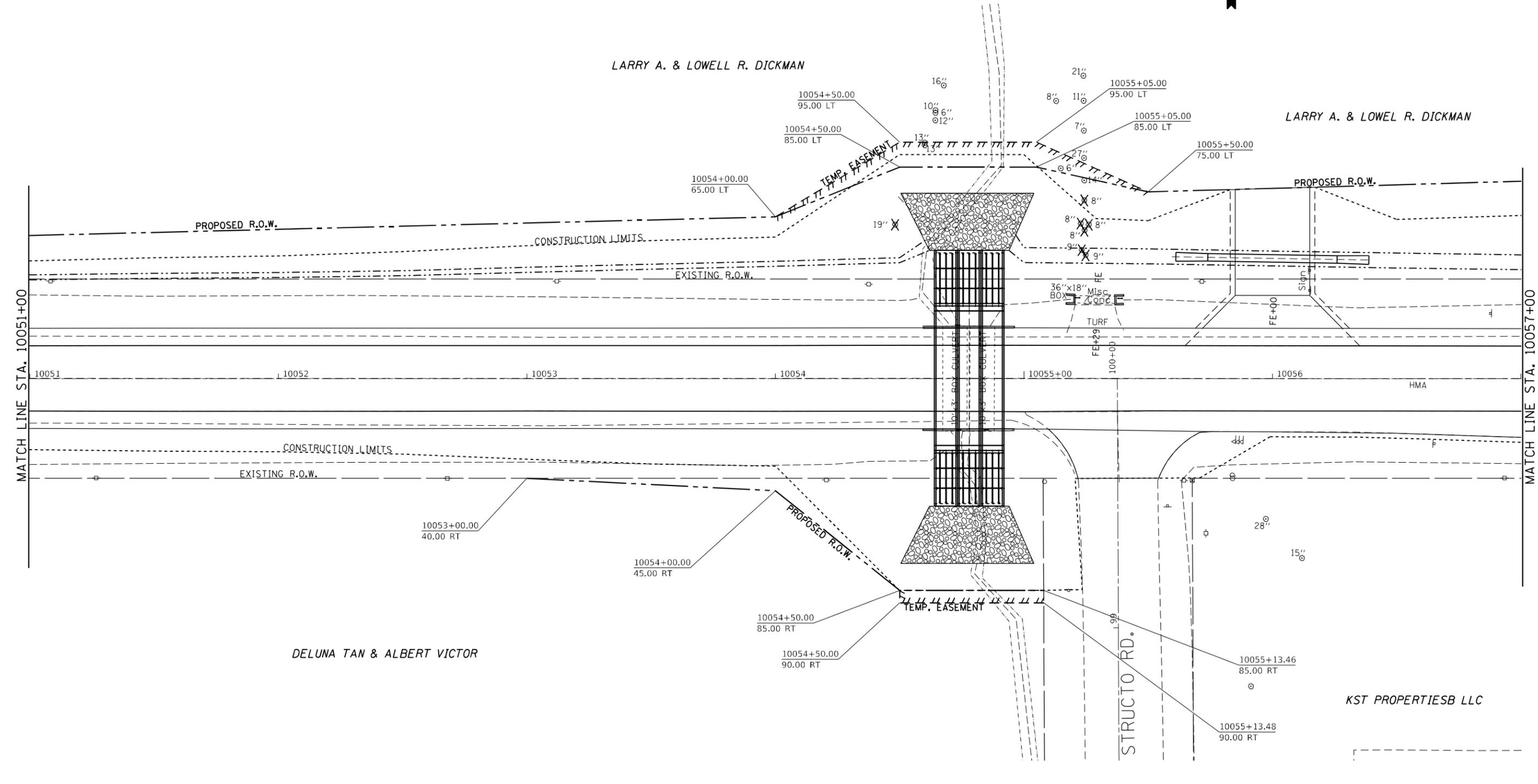


LARRY A. & LOWELL R. DICKMAN

LARRY A. & LOWELL R. DICKMAN

DELUNA TAN & ALBERT VICTOR

KST PROPERTIESB LLC



FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED -
pw:\idot-pw\bentley.com\PWIDOT\Documents\IDOT Offices\District 2\Projects\P204813\CDRAWINGS\Drawings\0204813-sht-R0W-plans.dgn		REVISIONS	REVISIONS
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Oct-06-2021 01:11:11 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

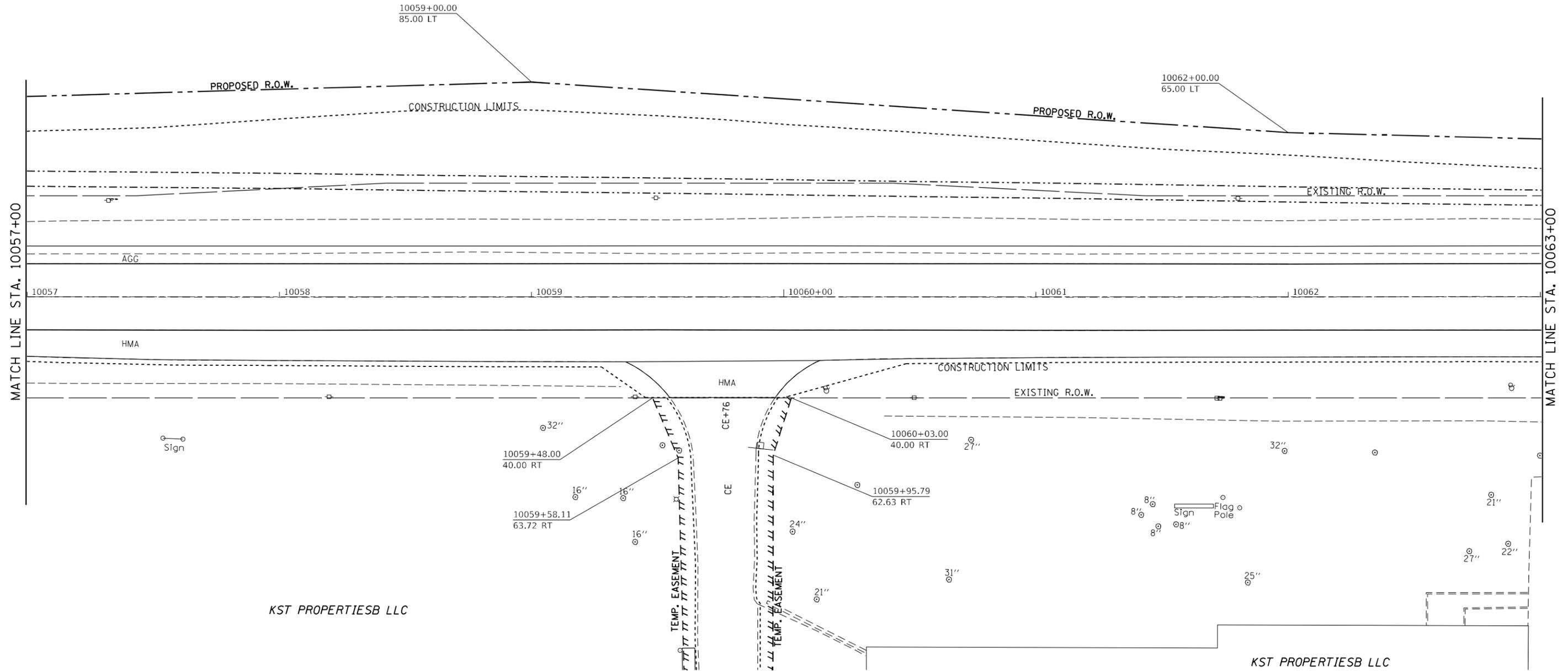
IL 75 R.O.W. EASEMENT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	45
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				



LARRY A. & LOWELL R. DICKMAN



FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED -
pw:\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 2\Projects\P204813\CDRAWINGS\Drawings\0204813-sht-R0W-plans.dgn		CHECKED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -
	PLOT DATE = Oct-06-2021 01:11:11 PM		

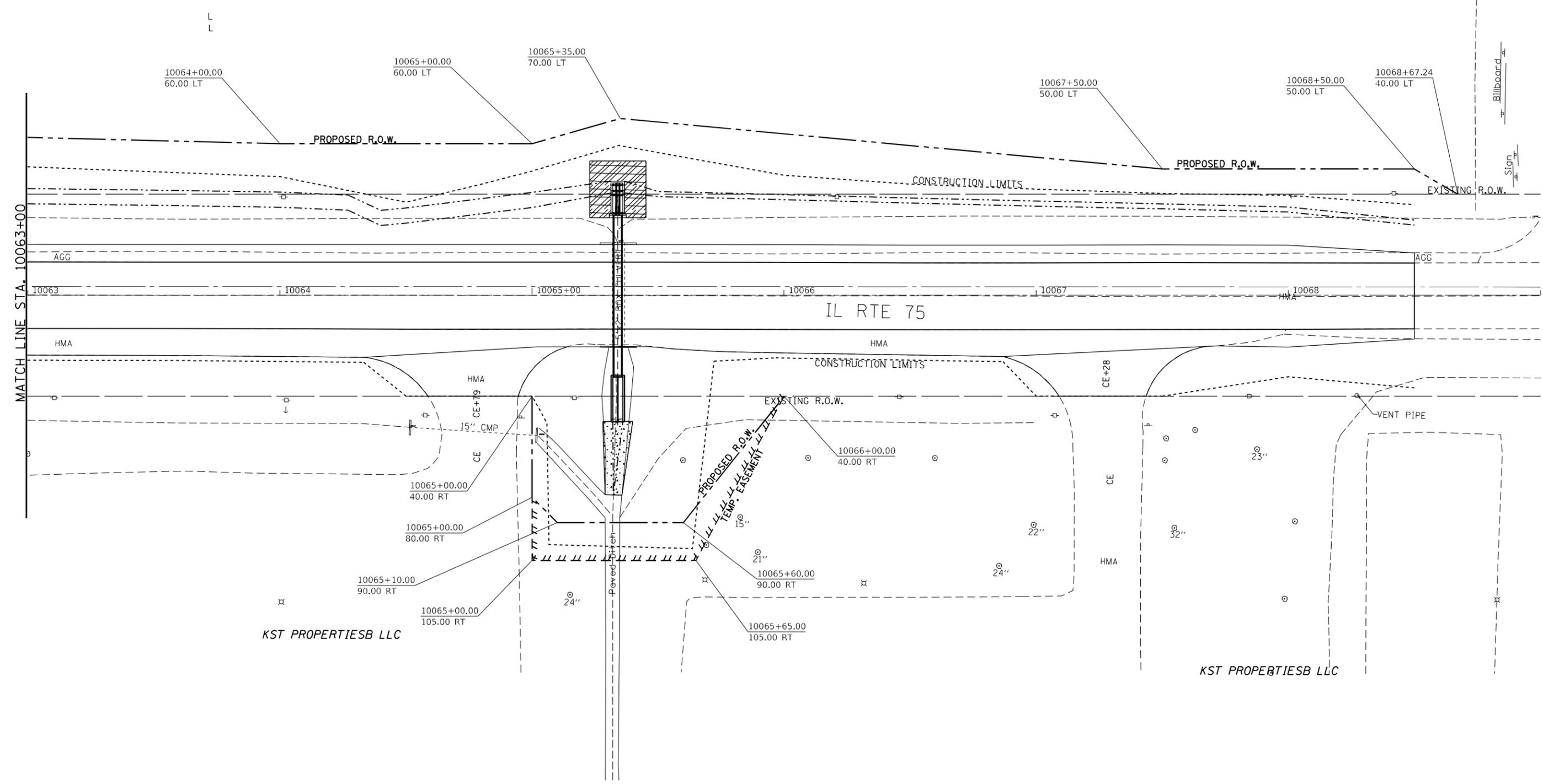
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

IL 75 R.O.W. & EASEMENT

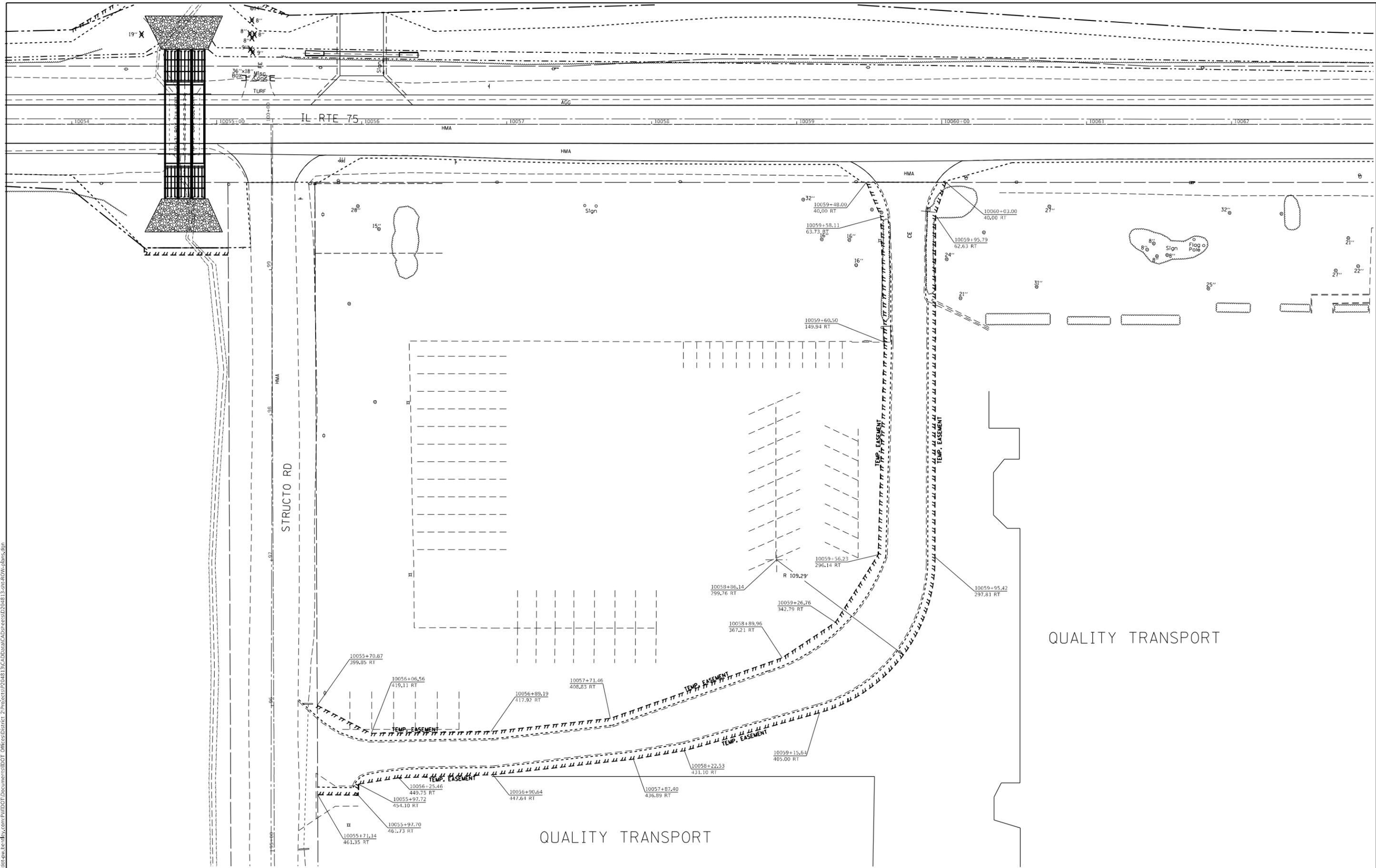
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	46
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

LARRY A. & LOWELL R. DICKMAN



FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	IL 75 R.O.W. & EASEMENT			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw.bentley.com\PWIDOT\Documents\IDOT Offices\District 2\Projects\P204813\CDRAWINGS\Drawings\0204813-sht-R0W-plans.dgn	PLotted	CHECKED -	REVISED -					505	110T	STEPHENSON	99	47
Default	PLot SCALE = 40.0000' / in.	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 64J63				
	PLot DATE = Oct-06-2021 01:11:12 PM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



MODEL: Default
 FILE NAME: p:\p\11001\11001.dwg
 PROJECT: 11001
 OFFICE: District 2
 PROJECT: 11001
 DRAWING: 11001-11001.dwg

USER NAME = anikneyde	DESIGNED -	REVISED -
DRAWN -	REVISED -	REVISED -
PLOT SCALE = 60,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = Oct-06-2021 01:11:12 PM	DATE -	REVISED -

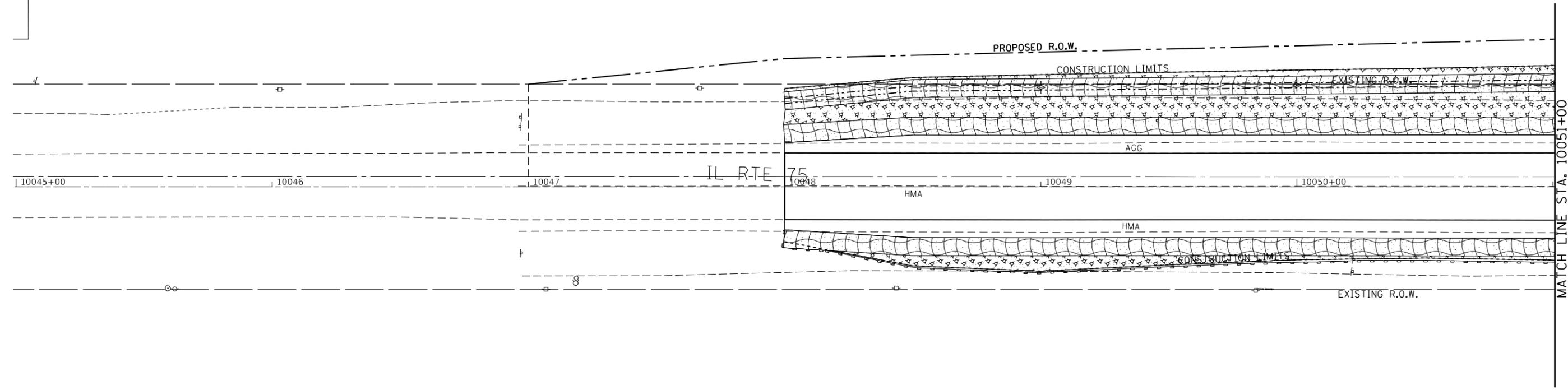
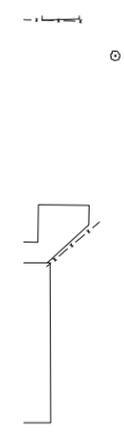
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL 75 R.O.W. EASEMENT				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	48
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				



LARRY A. & LOWELL R. DICKMAN



DELUNA TAN & ALBERT VICTOR

LEGEND

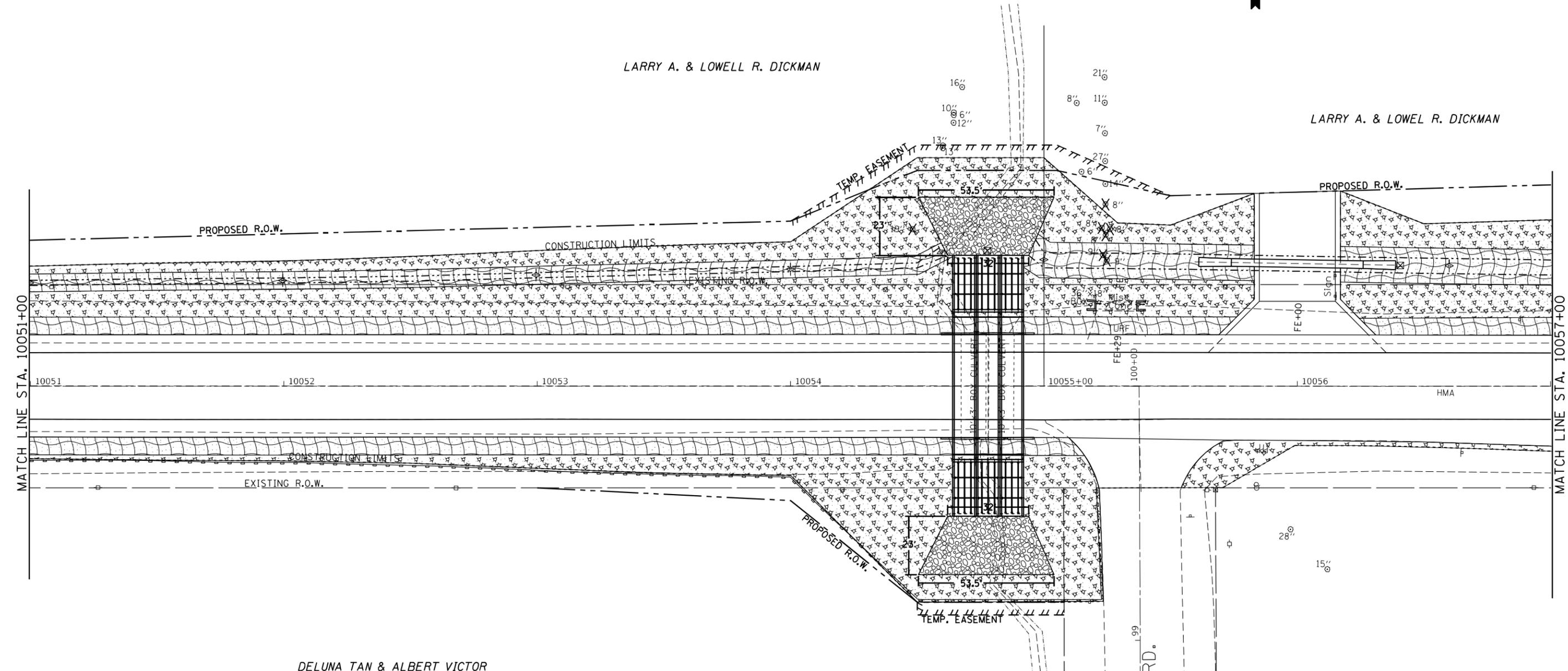
- = SEEDING, CLASS 2A
- = SEEDING, CLASS 1A
- = TEMPORARY DITCH CHECKS
- = EROSION CONTROL BLANKET
- = PERIMETER EROSION BARRIER
- = INLET PIPE PROTECTION
- = RIP RAP
- = TURF REINFORCEMENT MAT
- = PAVED DITCH (VARIABLE)
- = MULCH METHOD 3

FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL & SEEDING			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw:\idot-pw\bentley.com\PWIDOT\Documents\IDOT Offices\District 2\Projects\P204813\CDRAWN\ASheets\0204813-sht-eros.dgn	PLT SCALE = 40.0000' / in.	CHECKED -	REVISED -					505	110T	STEPHENSON	99	49
Default	PLT DATE = Oct-06-2021 01:16:28 PM	DATE -	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT												



LARRY A. & LOWELL R. DICKMAN

LARRY A. & LOWELL R. DICKMAN



DELUNA TAN & ALBERT VICTOR

KST PROPERTIESB LLC

LEGEND

- = SEEDING, CLASS 2A
- = SEEDING, CLASS 1A
- = TEMPORARY DITCH CHECKS
- = EROSION CONTROL BLANKET
- = PERIMETER EROSION BARRIER
- = INLET PIPE PROTECTION
- = RIP RAP
- = TURF REINFORCEMENT MAT
- = PAVED DITCH (VARIABLE)
- = MULCH METHOD 3

FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED -
pw:\idot-pw\bentley.com\PWIDOT\Documents\IDOT Offices\District 2\Projects\P204813\CDRAWINGS\Drawings\0204813-sht-eros.dgn		REVISED -	
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Oct-06-2021 01:16:29 PM	DATE -	REVISED -

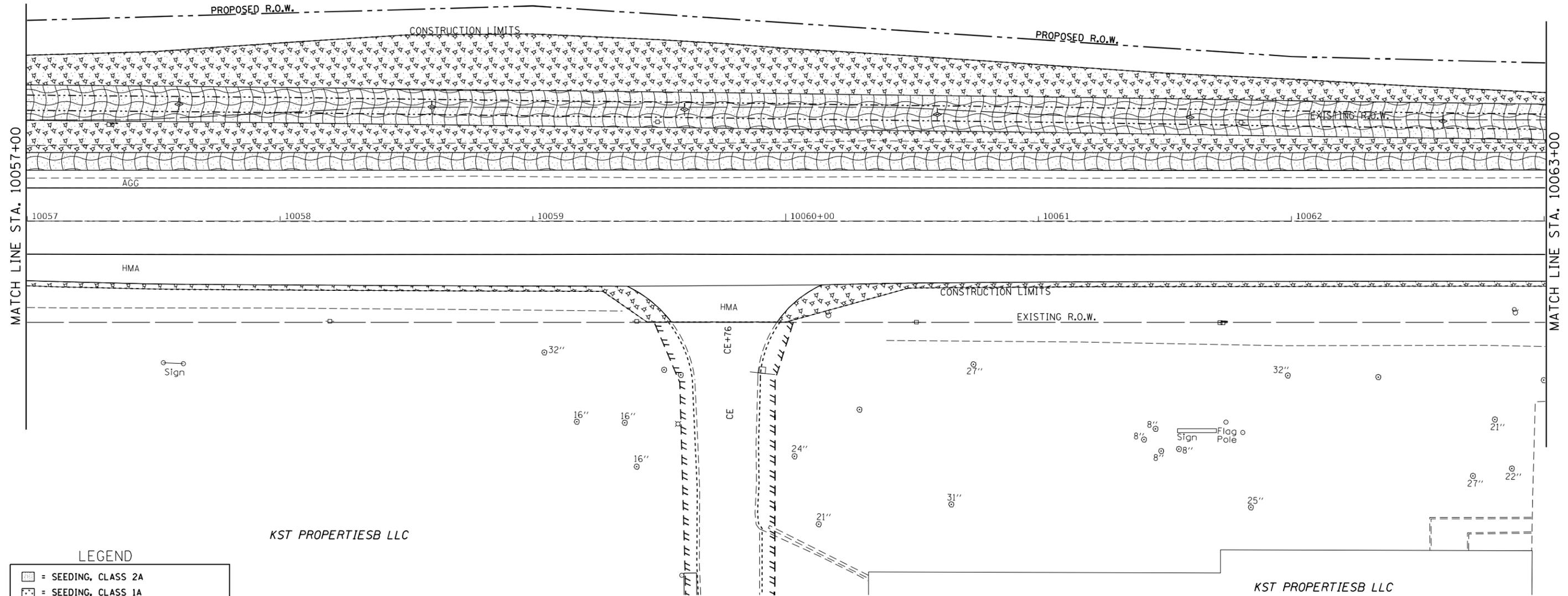
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EROSION CONTROL & SEEDING				
SCALE:	SHEET	OF	SHEETS	STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	50
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				



LARRY A. & LOWELL R. DICKMAN



LEGEND

-  = SEEDING, CLASS 2A
-  = SEEDING, CLASS 1A
-  = TEMPORARY DITCH CHECKS
-  = EROSION CONTROL BLANKET
-  = PERIMETER EROSION BARRIER
-  = INLET PIPE PROTECTION
-  = RIP RAP
-  = TURF REINFORCEMENT MAT
-  = PAVED DITCH (VARIABLE)
-  = MULCH METHOD 3

KST PROPERTIESB LLC

KST PROPERTIESB LLC

FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED -
pw:\idot-pw\bentley.com\PWIDOT\Documents\IDOT Offices\District 2\Projects\P204813\CDRAWINGS\Drawings\0204813-sht-eros.dgn		CHECKED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	DATE -	REVISED -
	PLOT DATE = Oct-06-2021 01:16:29 PM		

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

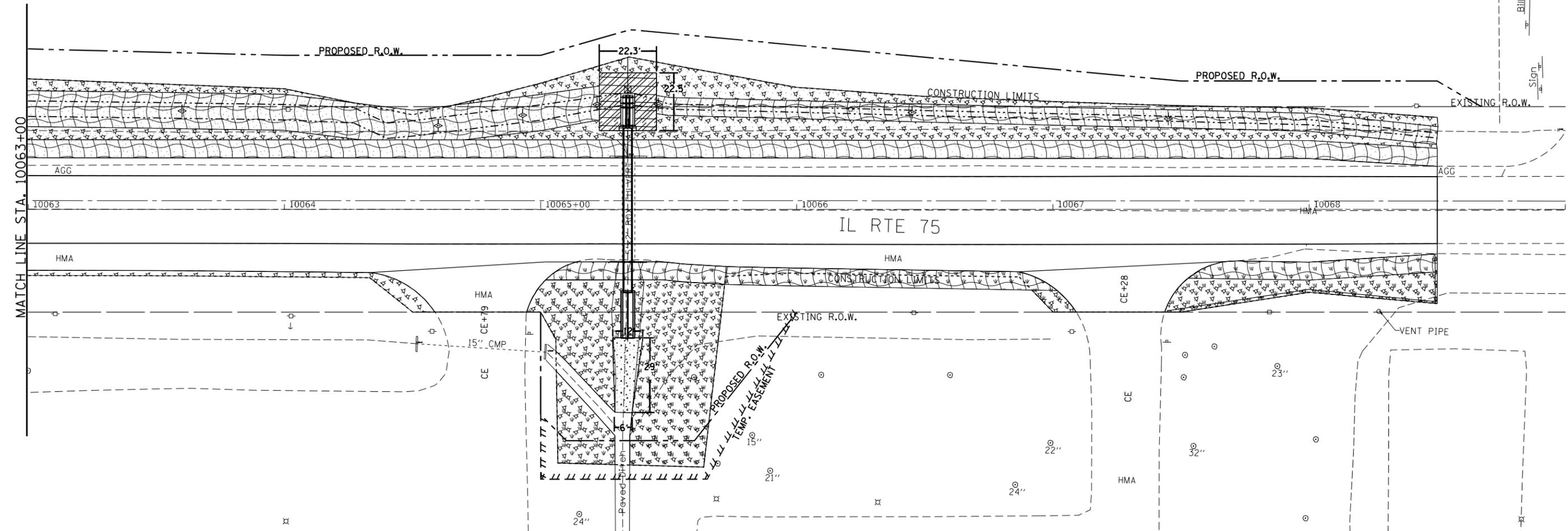
EROSION CONTROL & SEEDING

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	51
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

LARRY A. & LOWELL R. DICKMAN

FREEPORT METAL SPECIALTIES



LEGEND

- = SEEDING, CLASS 2A
- = SEEDING, CLASS 1A
- = TEMPORARY DITCH CHECKS
- = EROSION CONTROL BLANKET
- = PERIMETER EROSION BARRIER
- = INLET PIPE PROTECTION
- = RIP RAP
- = TURF REINFORCEMENT MAT
- = PAVED DITCH (VARIABLE)
- = MULCH METHOD 3

KST PROPERTIESB LLC

KST PROPERTIESB LLC

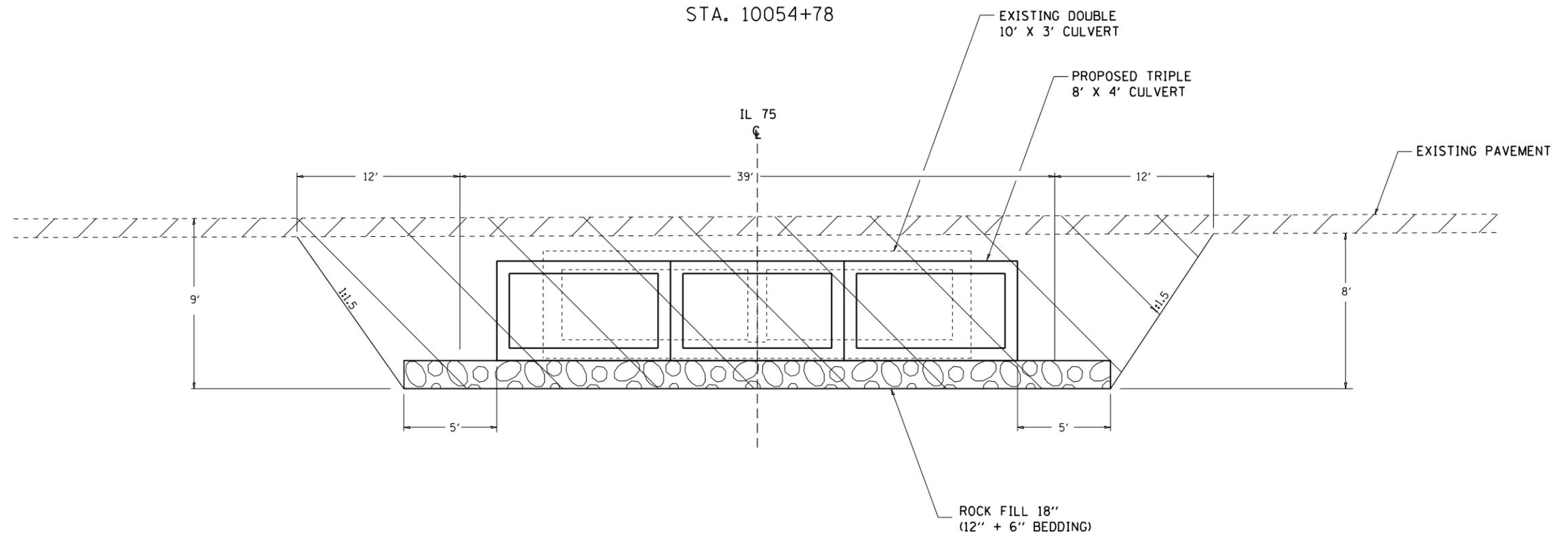
FILE NAME =	USER NAME = ankneyde	DESIGNED -	REVISED -
pw:\idot-pw\bentley.com\PWIDOT\Documents\IDOT Offices\District 2\Projects\P204813\CDRAWN\ASheets\0204813-sht-eros.dgn		REVISED -	REVISED -
Default	PLOT SCALE = 40.0000' / in.	CHECKED -	REVISED -
	PLOT DATE = Oct-06-2021 01:16:30 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

EROSION CONTROL & SEEDING			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	52
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

TEMPORARY SOIL RETENTION SYSTEM DETAIL



SQ. FT.	LOCATION
459	IL 75 STA 10054+78
459	TOTAL

 TEMPPOARY SOIL RETENTION SYSTEM AREA

MODEL: Default
 FILE NAME: p:\project\aw_bentley.com\p\id\dot\documents\1\DOT_office\District_2\Project\204813\CADD\Drawn\CAD\Drawings\204813_sdr\retencsys-detail.dgn

USER NAME = anikneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 40,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = Oct-06-2021 01:28:00 PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

TEMPORARY SOIL RETENTION SYSTEM DETAIL

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	53
CONTRACT NO. 64J63				
ILLINOIS FED. AID PROJECT				

GENERAL NOTES:

1. Reinforcement bars shall conform to the requirements of ASTM A 706 Gr. 60.
2. All exposed concrete edges shall be chamfered $\frac{3}{4}$ " unless otherwise noted.
3. All construction joints shall be bonded.
4. The contract unit price "Each" for Drop Box No. 1 shall include the Concrete Structures, Reinforcement Bars, bolts, nuts, washers, earth excavation where required, backfilling and necessary grading to fit the structure as shown, or to the slope.
5. The contract unit price for "Foot" for Traversable Pipe Grate shall include the steel pipe grates system and steel plates.
6. Steel pipes shall conform to A.S.T.M. A-53 (Type E or S) Grade B. Schedule 40 & shall be galvanized conforming to A.S.T.M. A-120.
7. Steel plates shall conform to AASHTO M-183 & shall be galvanized conforming to AASHTO M-111.
8. Bolts, nuts & washers shall be in accordance with Article 1006.08 of the Standard Specifications and shall be galvanized.
9. Contractor shall field verify galvanized pipe length.
10. The minimum distance from the center of a hole to the free edge of a structure shape or plate shall be $1\frac{1}{2}$ " unless noted otherwise.
11. This work shall be done according to the applicable portions of 502, 503, 505, 508, and 540 of the Standard Specifications.
12. Bolts shall be snug tightened by a few impacts of an impact wrench or the full force of a worker using an ordinary spud wrench.
13. Fabrication of the Steel Pipe Grate System shall conform to the requirements in Section 505 of the Standard Specifications unless noted otherwise.
14. Contractor to conform that a minimum allowable gross bearing pressure equal to 2000 PSF can be achieved prior to construction of Drop Box structure.
15. Backfilling and future excavations shall be performed equally on all sides of the structure.
16. The inorganic zinc rich primer/acrylic/acrylic paint system shall be used for field painting of holes, threads, ect.

DESIGN STRESSES
FIELD UNITS

$f'_c = 3,500$ psi
 $f_y = 60,000$ psi (Reinforcement)

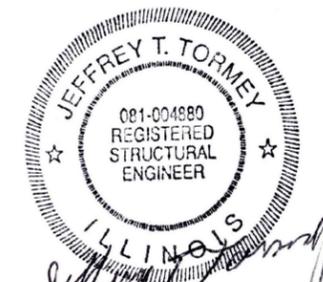
PIPE GRATE BILL OF MATERIAL

ITEM	QUA.	LENGTH
** 4" Galv. Steel Pipe	2	5'-9"
** 4" Galv. Steel Pipe	2	7'-10 $\frac{1}{2}$ "
** 4" Galv. Steel Pipe	4	3'-8"
** Side Assembly	Each	8

** Included in Traversable Pipe Grate with all hardware and steel for Assemblies

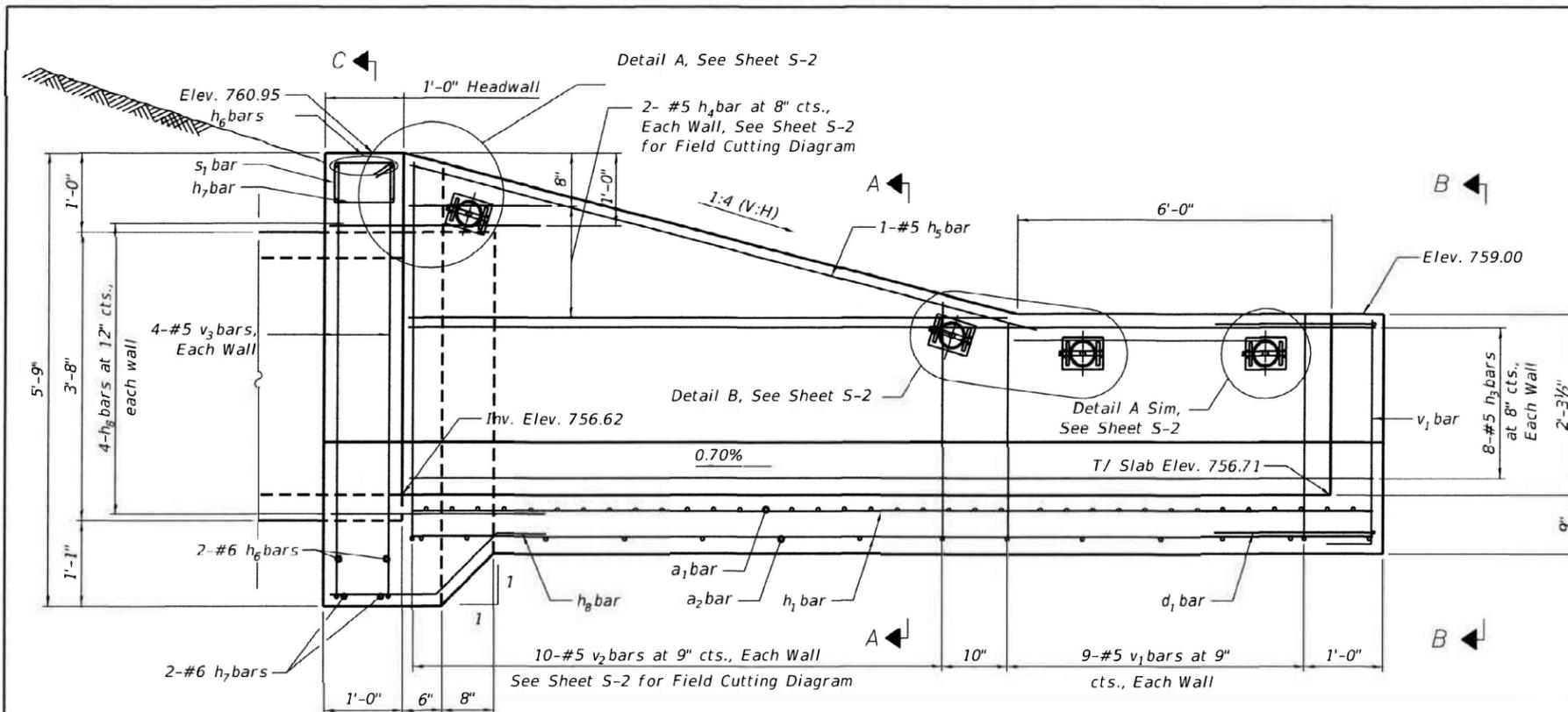
TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Traversable Pipe Grate	Foot	41.9
Drop Box No. 1	Each	1

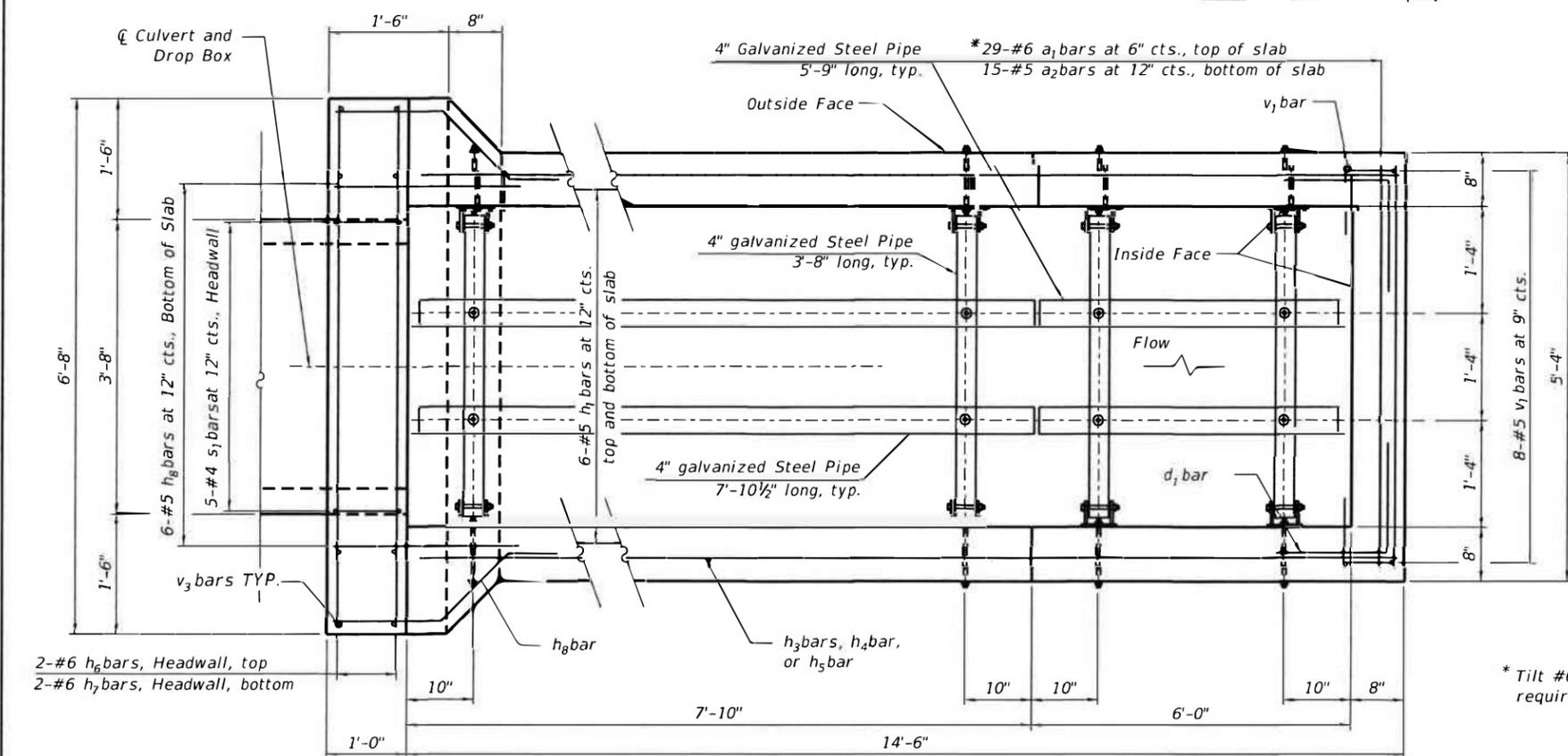


Jeffrey T. Torrey
9/21/2021
Expires 11/30/2022

* Tilt #6 a_1 and #6 h_6 bars as required to maintain clearance.



LONGITUDINAL SECTION



PLAN

USER NAME = Andrew.J.Rose
PLOT SCALE = 2.0000' / in.
PLOT DATE = 9/21/2021

DESIGNED -
DRAWN -
CHECKED -
DATE -

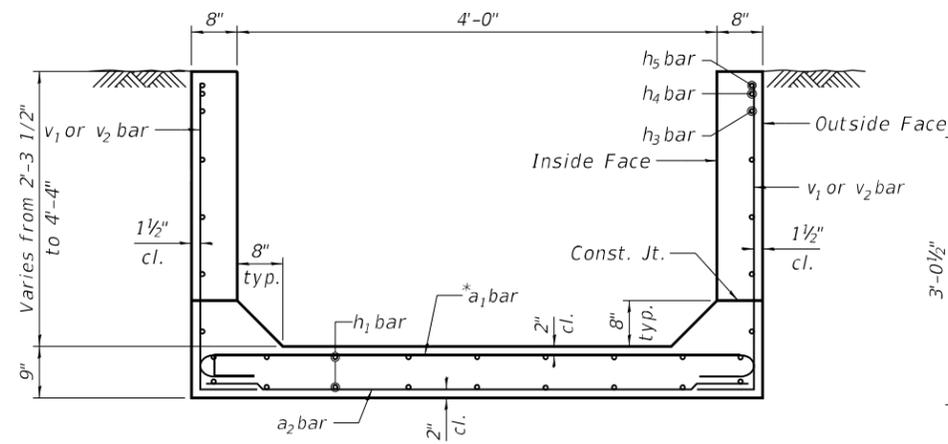
REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

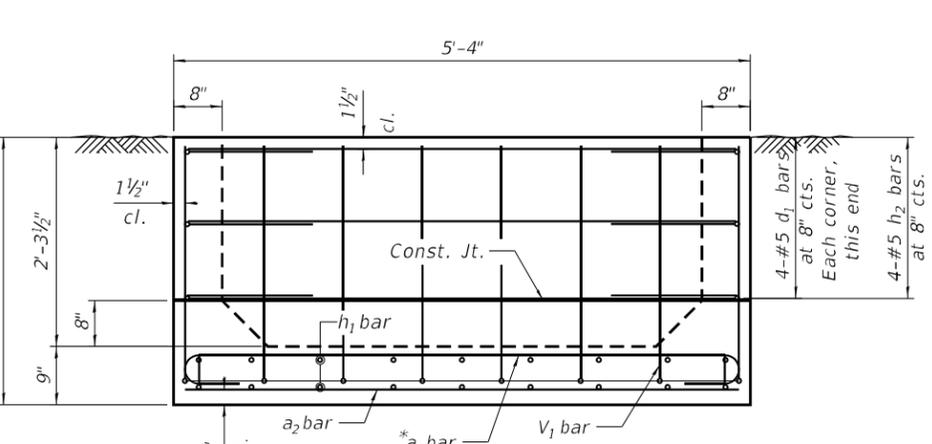
DETAILS
DROP BOX NO. 1

SCALE: SHEET OF SHEETS STA. TO STA.

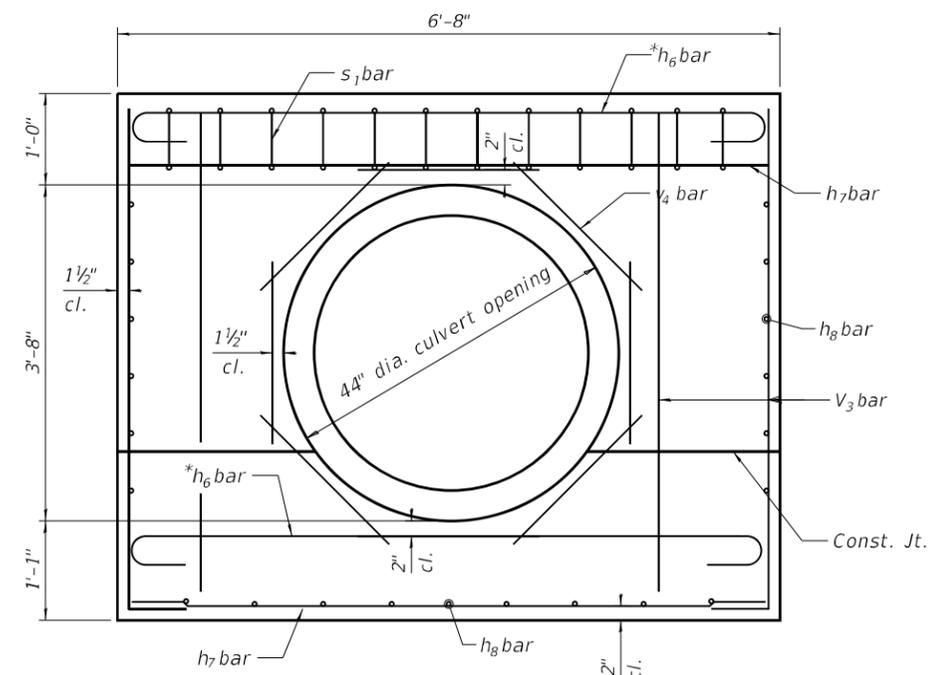
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	55
				CONTRACT NO. 64J63
ILLINOIS				FED. AID PROJECT P/O-92-048-13



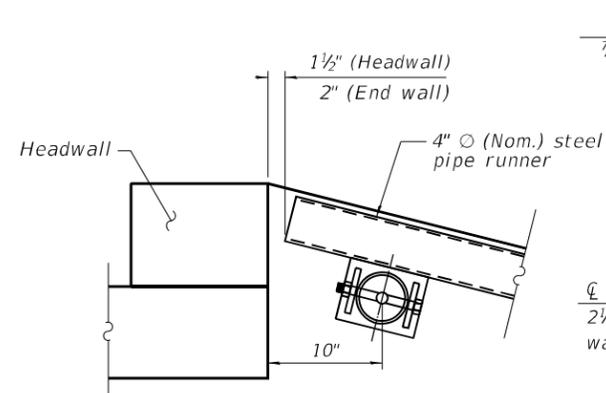
SECTION A-A



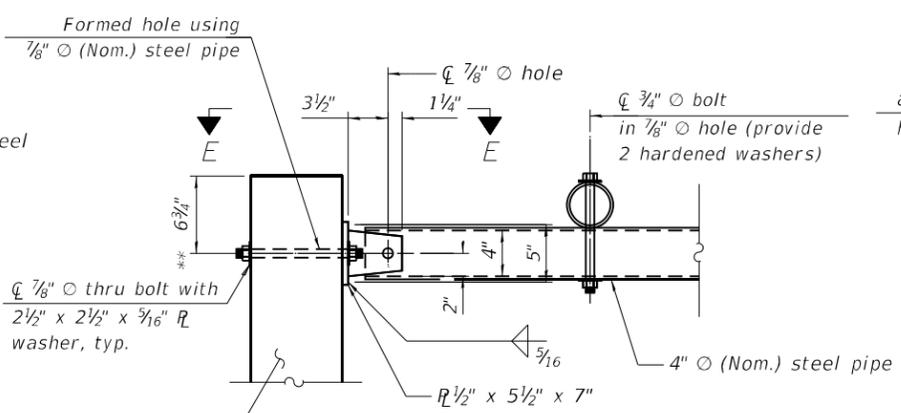
VIEW B-B
End Wall



SECTION C-C
Headwall

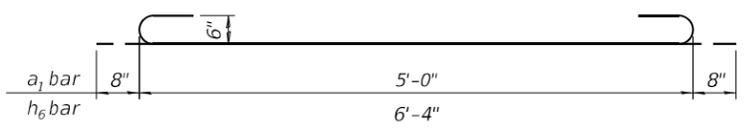


DETAIL A

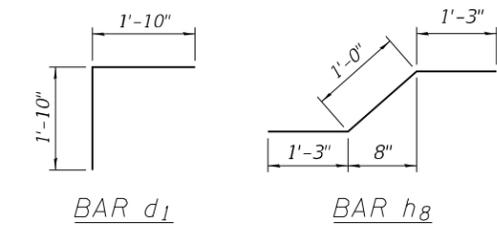


SECTION D-D

** Measured perpendicular to top of sidewall. In addition, formed hole shall be located a minimum of 6" measured horizontally from any vertical joints necessary for construction of the culvert extension with drop box.

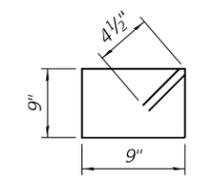


BAR a₁ and h₆
*Tilt #6 a₁ bar and #6 h₆ bars as required to maintain clearance

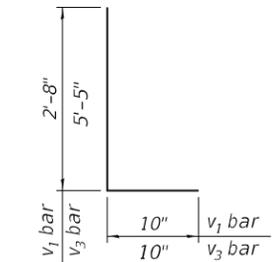


BAR d₁

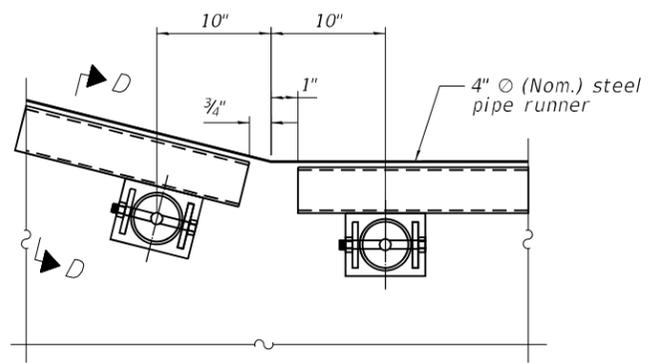
BAR h₈



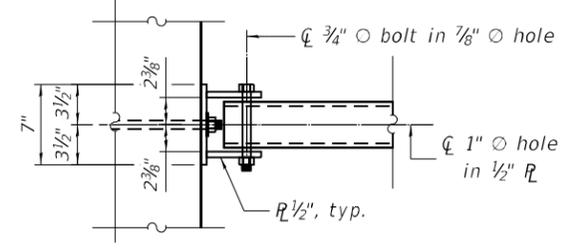
BAR s₁



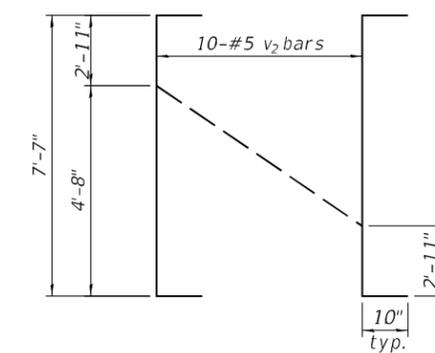
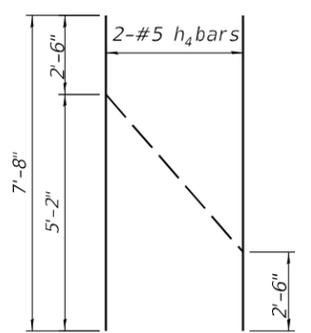
BAR v₁ and v₃



DETAIL B



VIEW E-E



BILL OF MATERIAL
(For Information Only)

Bar	No.	Size	Length	Shape
a ₁	29	#6	6'-4"	
a ₂	15	#5	5'-0"	
d ₁	8	#5	3'-8"	
h ₁	12	#5	14'-2"	
h ₂	4	#5	5'-1"	
h ₃	8	#5	14'-2"	
h ₄	2	#5	7'-8"	
h ₅	2	#5	10'-6"	
h ₆	4	#6	7'-8"	
h ₇	4	#6	6'-4"	
h ₈	14	#5	3'-6"	
s ₁	5	#4	4'-9"	
v ₁	26	#5	3'-6"	
v ₂	10	#5	8'-5"	
v ₃	8	#5	6'-3"	
v ₄	7	#5	3'-0"	

*** Concrete Structures Cu. Yd. 6.4
*** Reinforcement Bars Pound 1150

*** Included in Drop Box No. 1



USER NAME = ankneyde
DESIGNED -
DRAWN -
PLOT SCALE = 2.0000' / in.
CHECKED -
PLOT DATE = Sep-27-2021 11:38:51 AM
DATE -

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

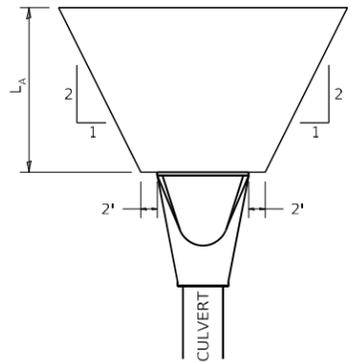
SCALE: SHEET OF SHEETS STA. TO STA.

DETAILS
DROP BOX NO. 1

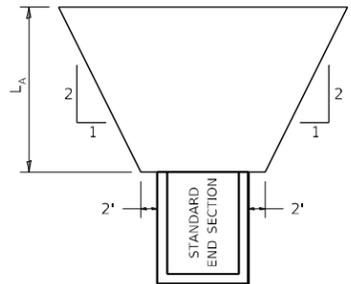
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	56

CONTRACT NO. 64J63
ILLINOIS FED. AID PROJECT P/D-92-048-13

RIPRAP AT END SECTIONS



FLARED END SECTION

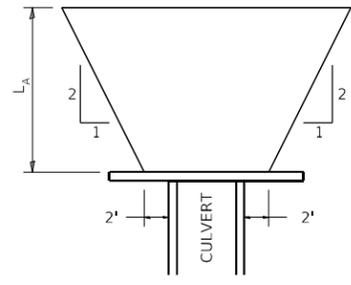


STANDARD END SECTION

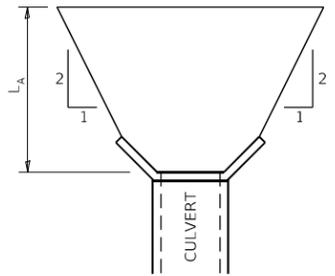
L_A = APRON LENGTH (ft)

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

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



CULVERT WITH HEADWALL

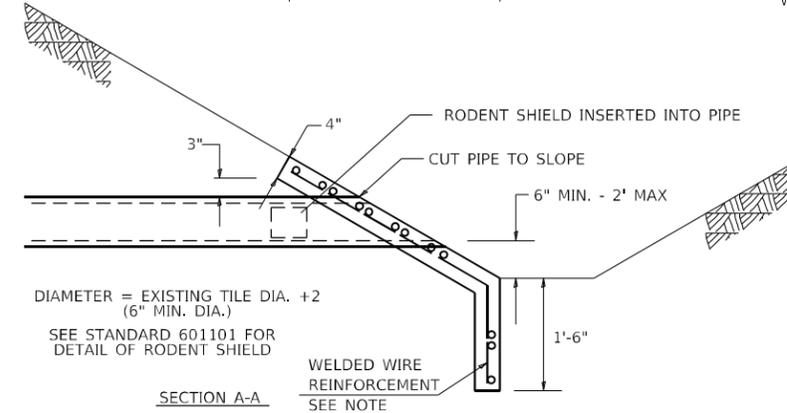
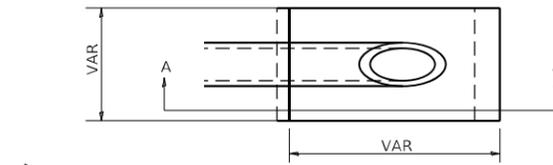


CULVERT WITH WING WALLS

REVISED - 7-13-16
REVISED - 11-12-14
REVISED - 2-10-14

RIPRAP AT END SECTIONS 19.4

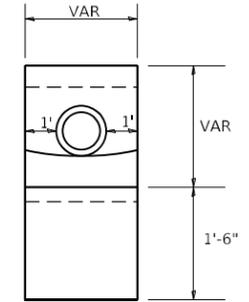
CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS



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

NOTES

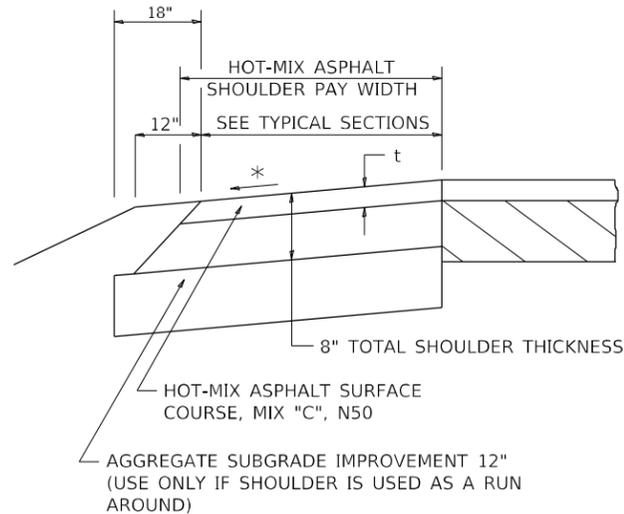
1. ANY STORM SEWER OR FIELD TILE OUTLET INTO A DITCH SHALL HAVE A HEADWALL BUILT IN ACCORDANCE WITH THIS DETAIL.
2. COST OF FURNISHING AND INSTALLING WELDED WIRE REINFORCEMENT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE EACH OF THE SIZE SPECIFIED. WELDED WIRE REINFORCEMENT TO WEIGH NOT LESS THAN 58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



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

CAST-IN-PLACE REINFORCED CONCRETE END SECTIONS 28.4

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.

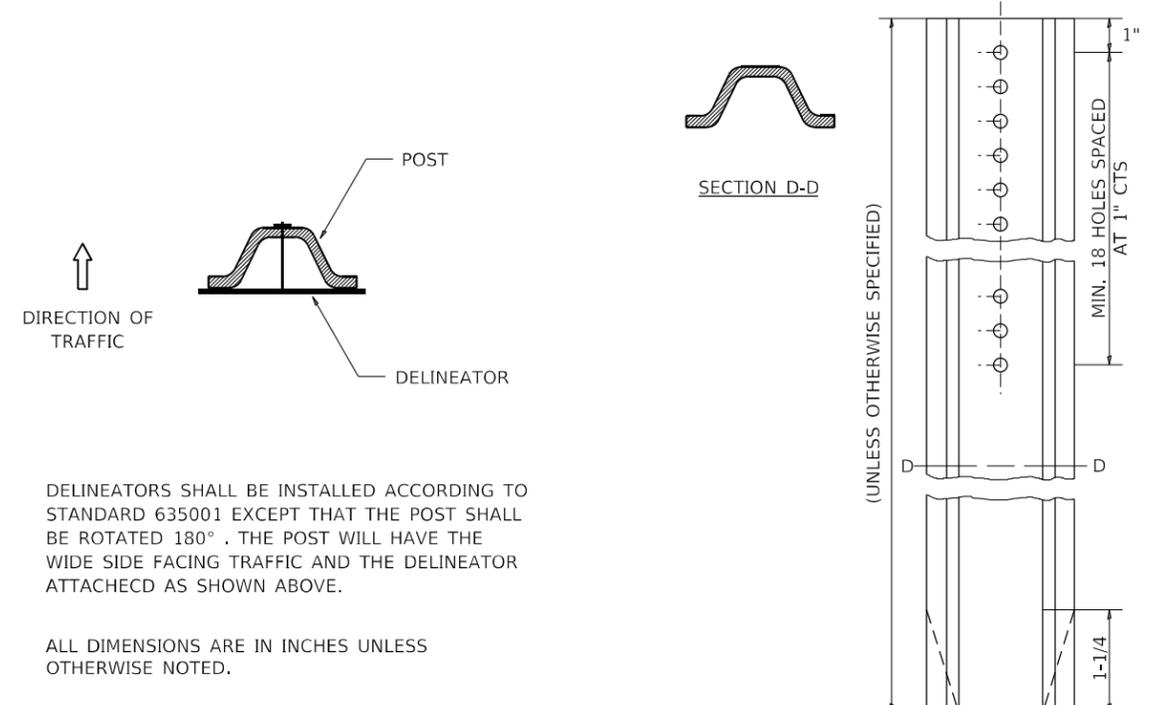
* 4% WHEN MAINLINE IS ON TANGENT. FOR CROSS SLOPE ON SUPERELEVATION SECTION, SEE HIGHWAY STANDARD 482001 OR 482006.

t = SEE TYPICAL SECTIONS FOR THICKNESS

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

HOT-MIX ASPHALT SHOULDER 22.4

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.

FILE NAME: p:\w\l\del\del.dwg; PLOT DATE: 03/02/2013 09:42:23 AM

REVISED - 10-03-11	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
REVISED -		505	110T	STEPHENSON	99	59	
REVISED -		CONTRACT NO. 64J63					
REVISED -		SCALE: 100,000' / 1" SHEET	OF SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

DELINEATOR AND POST ORIENTATION 37.4

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 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).

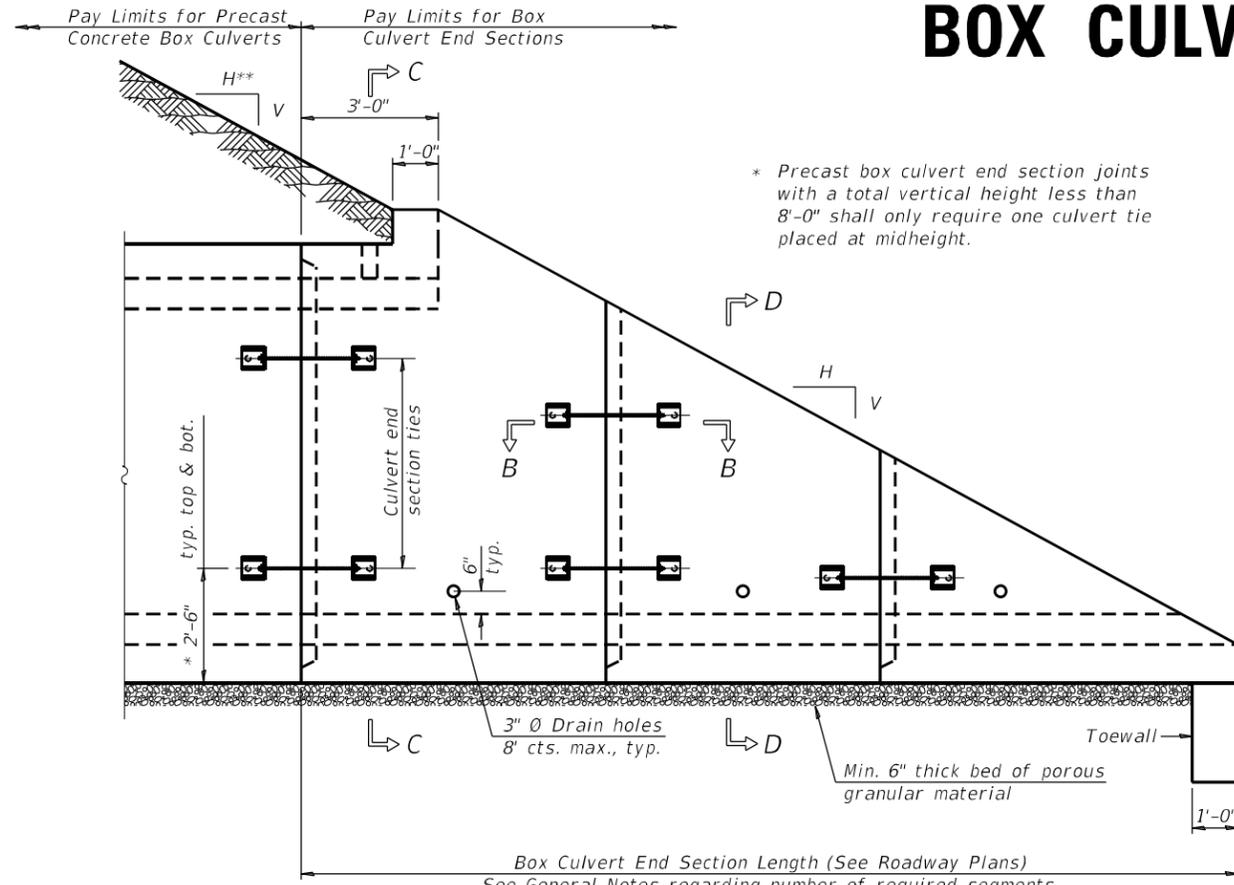
1" \emptyset anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according to the requirements of AASHTO M 111 or M 232 as applicable. 2 1/4" x 2 1/4" x 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 1/2 turn on one of the nuts for anchor rods installed in the walls. 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 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.

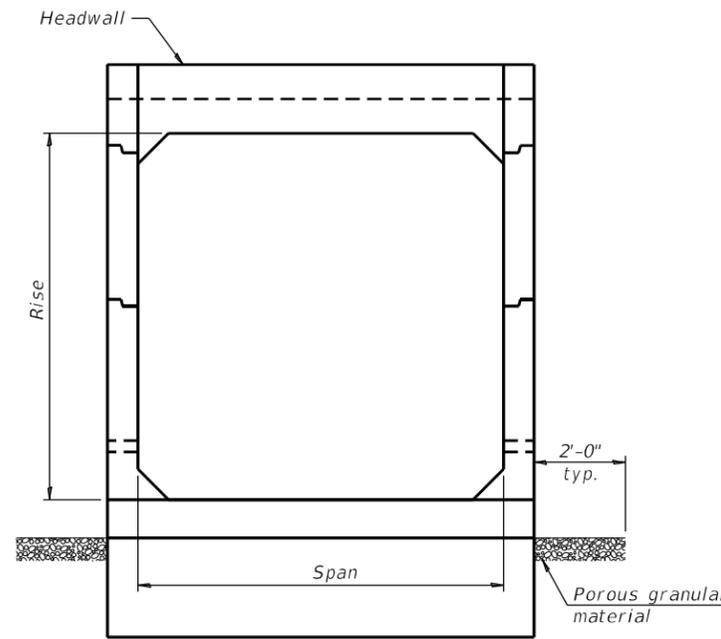
Drain holes shall conform to the requirements of Article 503.11 of the Standard Specifications unless noted otherwise.

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

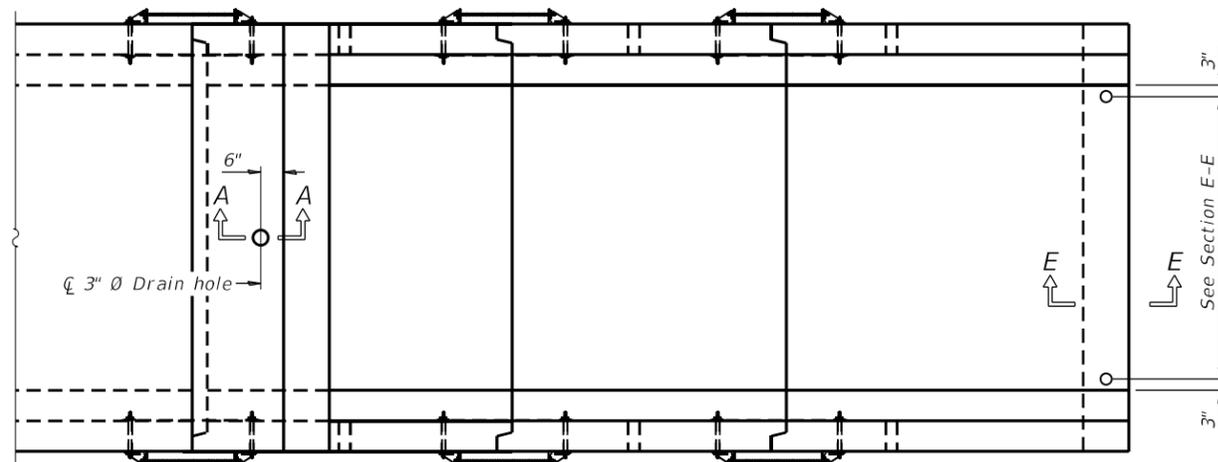
For end sections with traversable pipe grate systems, see grate detail sheet for required modifications.



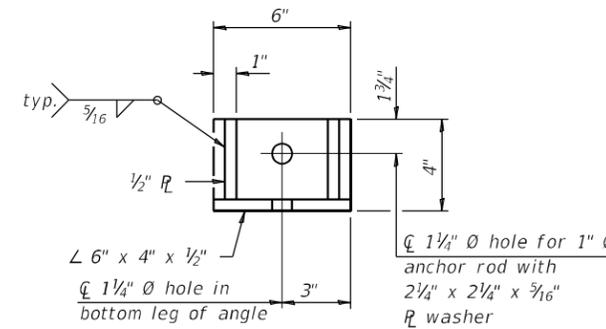
ELEVATION



END VIEW



PLAN



RESTRAINT ANGLE DETAIL

12" x 12" x 6" block of CA5, CA7, or CA11 coarse aggregate placed over drain opening. Block of aggregate shall be completely wrapped in nonwoven geotextile fabric.

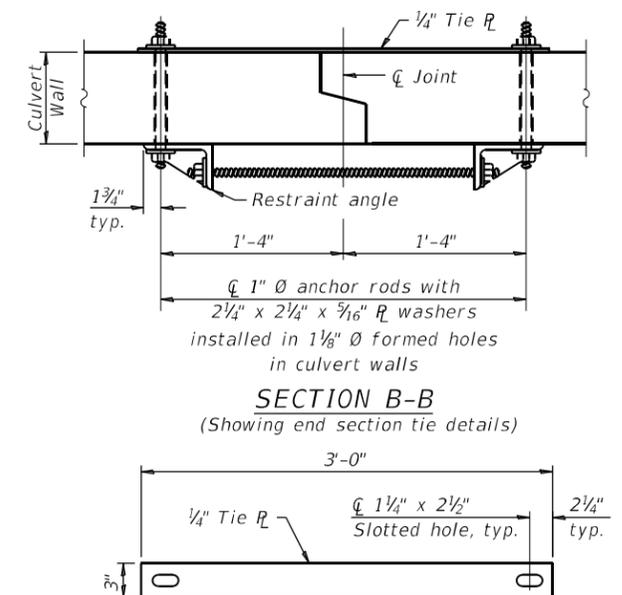
Provide a double layer of 12" x 12" nonwoven geotextile fabric centered over the drain hole. Fabric shall be sealed to the concrete with mastic.

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 detail will not be measured for payment but shall be included in the contract unit price for the associated work.) (Sheet 1 of 2)



TIE PLATE DETAIL

SCB-TES

2-17-2017

USER NAME = aniknyde	DESIGNED -	REVISED - 1-10-18
FILE NAME: p:\dot\p-w\entley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\2204813\CADD\Drawings\2204813-shd-details.dgn	CHECKED -	REVISED - 1-05-16
PLOT SCALE = 100,0000' / in.	DATE -	REVISED - 5-09-14
PLOT DATE = Oct-06-2021 01:43:24 PM		REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET 1 OF 2 SHEETS STA. TO STA.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
			99	62
CONTRACT NO.				
ILLINOIS FED. AID PROJECT				

BOX CULVERT END SECTIONS

		As1m REINFORCEMENT (in. ² /ft)										
Ts (in.)	Rise (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	0.22	0.26	0.23	0.22								
7	0.25	0.33	0.59	0.27	0.28							
8	0.40	0.35	0.43	0.39	0.36	0.34	0.40					
9	0.44	0.39	0.35	0.43	0.40	0.37	0.36	0.48				
10	0.48	0.42	0.38	0.47	0.44	0.41	0.38	0.42	0.56			
11	0.52	0.45	0.54	0.50	0.46	0.44	0.41	0.46	0.50	0.65		
12	0.55	0.49	0.58	0.54	0.50	0.48	0.45	0.46	0.46	0.61	0.75	

(As1m reinforcement based upon welded wire reinforcement conforming to AASHTO M 55 or M 221).

Notes:

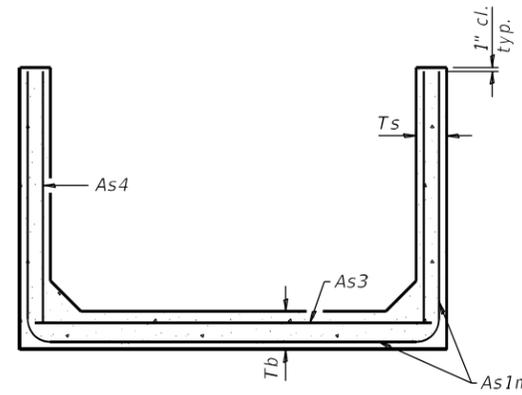
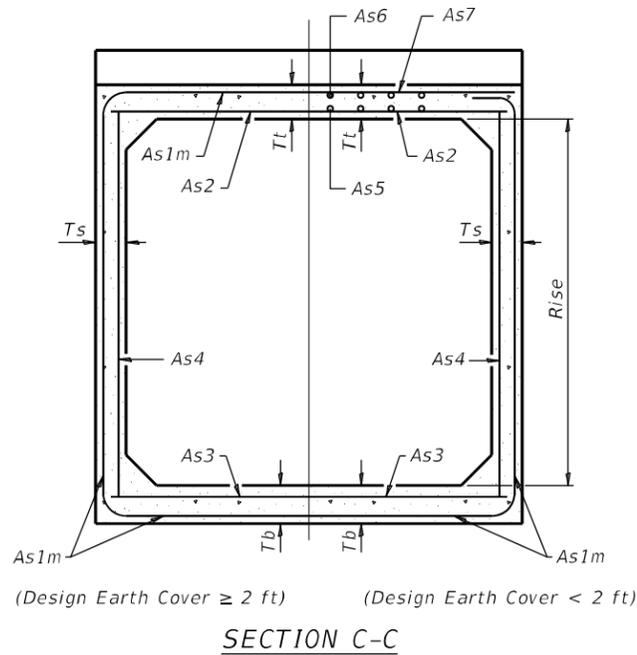
Alternate Section D-D is provided to allow the Contractor the option of casting the bottom slab of the end section first followed by construction of the sidewalls using conventional forming methods. Shop drawings that detail slab thickness and reinforcement layout shall be submitted to the Engineer for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

The size and spacing of the v2 bars shall provide a minimum reinforcement area along each face of the walls (in.²/ft.) equal to 1.10*(As1m). v2 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.

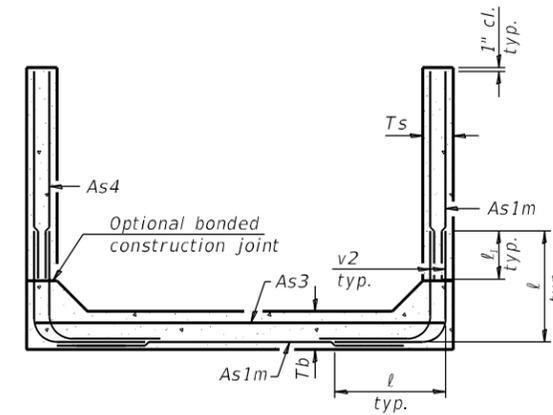
Bonded construction joints shall be prepared according to Article 503.09 of the Standard Specifications.

ℓ₁ DIMENSION

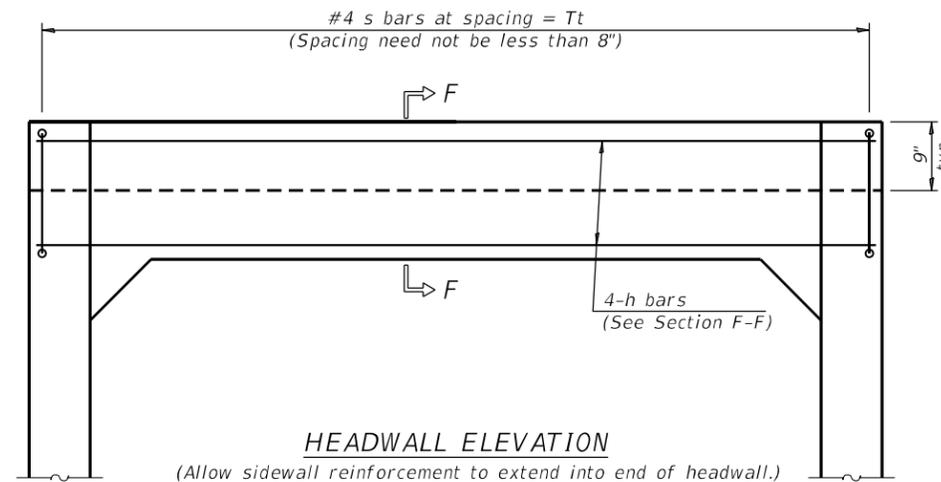
- #3 bar = 2'-0"
- #4 bar = 2'-8"
- #5 bar = 3'-4"
- #6 bar = 3'-11"



SECTION D-D



ALTERNATE SECTION D-D

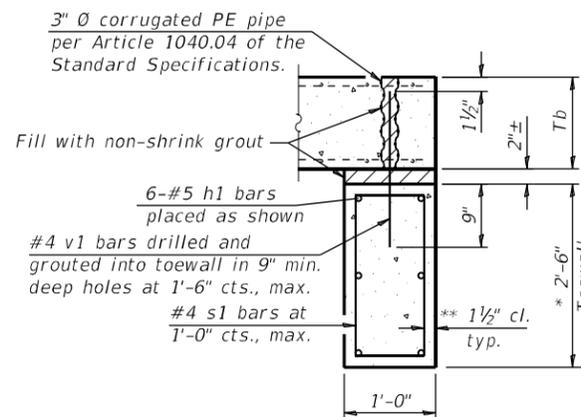


TOEWALL CONSTRUCTION SEQUENCE

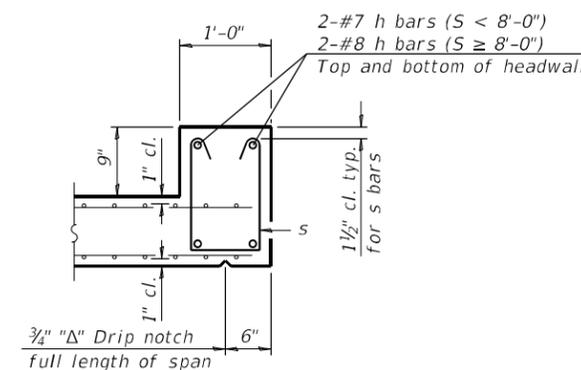
1. Perform excavation and construct toewall.
2. Backfill according to the applicable paragraphs of Article 502.10 of the Standard Specifications and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and epoxy grout reinforcement in toewall in accordance with Section 584 of the Standard Specifications.
5. Pressure grout voids using non-shrink grout conforming to Section 1024 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.

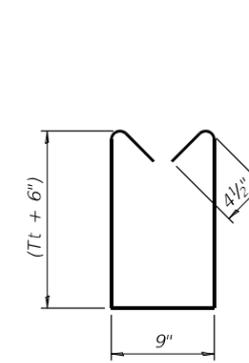
** If soil conditions permit, the sides of the toewall may be poured directly against the soil. The clear cover on the sides of the toewall shall be increased to 3" by increasing the thickness of the toewall.



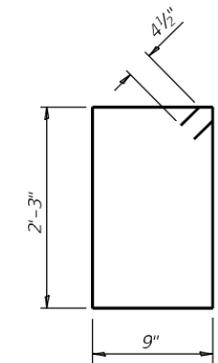
SECTION E-E



SECTION F-F



BAR s



BAR s1

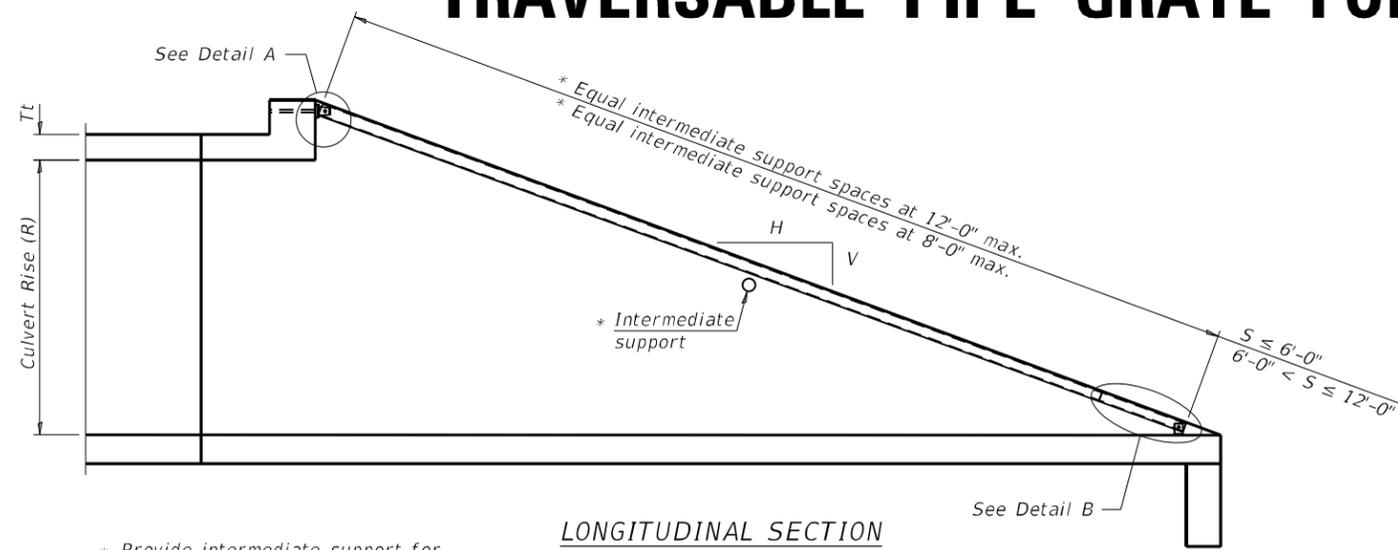
SCB-TES

2-17-2017

(Sheet 2 of 2)

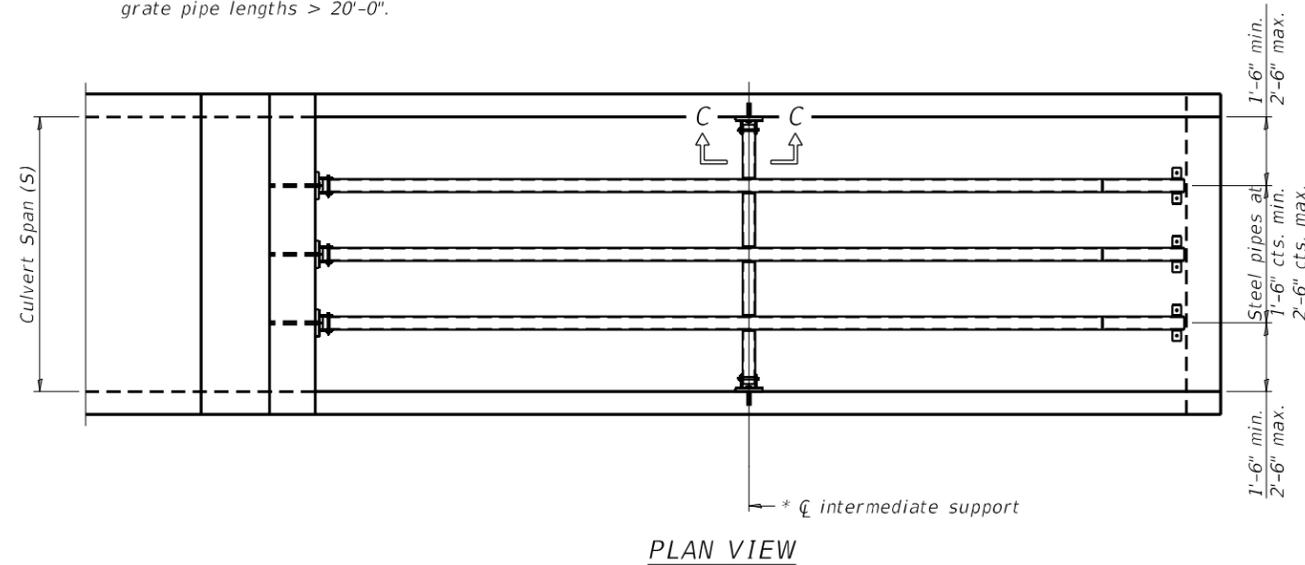
USER NAME = ankeyde	DESIGNED -	REVISD - 1-10-18	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILE NAME: pwc:\dot-pw-bentley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\P204813\CADD\Drawings\204813-shd-details.dgn	CHECKED -	REVISD - 1-05-16		SCALE:	SHEET 2 OF 2 SHEETS	STA.	505	110T	STEPHENSON	99	63
PLOT SCALE = 100,0000' / in.	DATE -	REVISD - 5-09-14		TO STA.	ILLINOIS FED. AID PROJECT		CONTRACT NO. 64J63				
PLOT DATE = Oct-06-2021 01:43:25 PM											

TRAVERSABLE PIPE GRATE FOR BOX CULVERT END SECTIONS

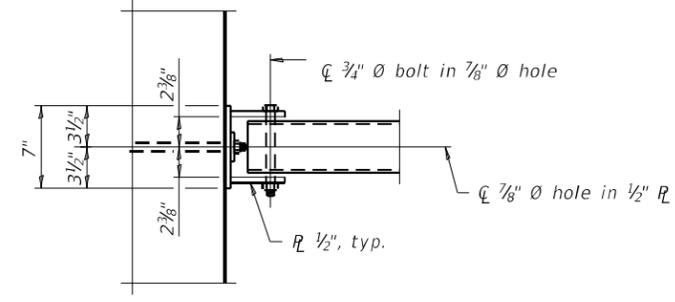


LONGITUDINAL SECTION

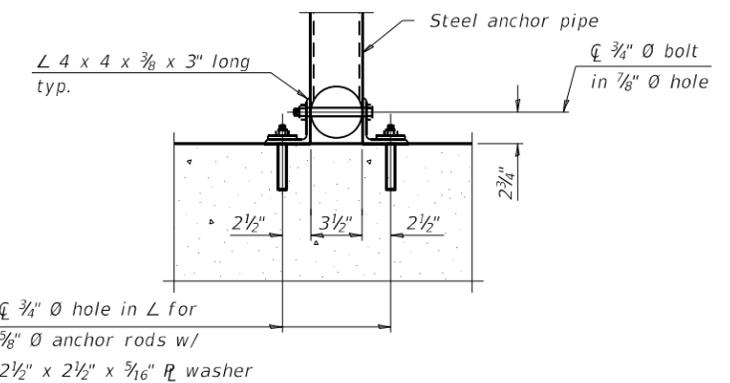
* Provide intermediate support for grate pipe lengths > 20'-0".



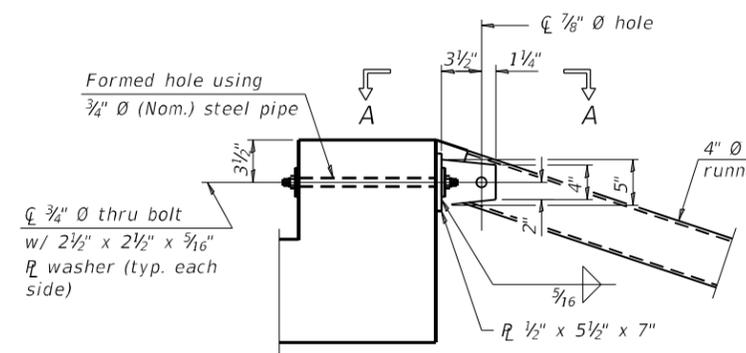
PLAN VIEW



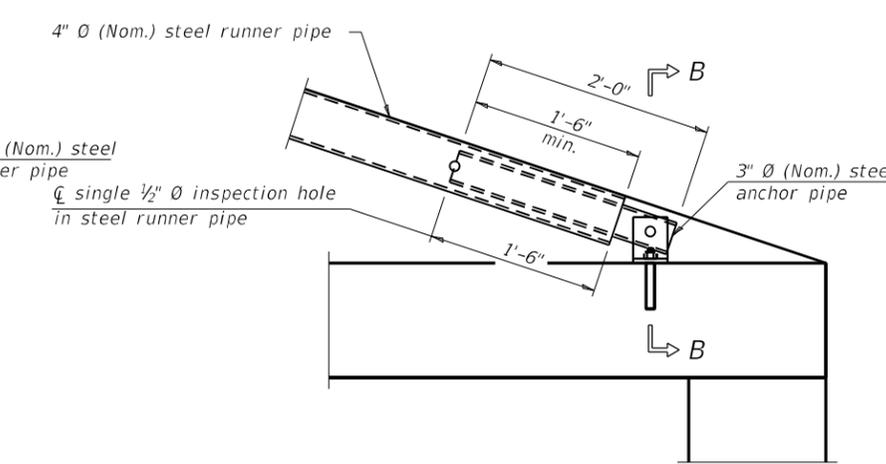
VIEW A-A



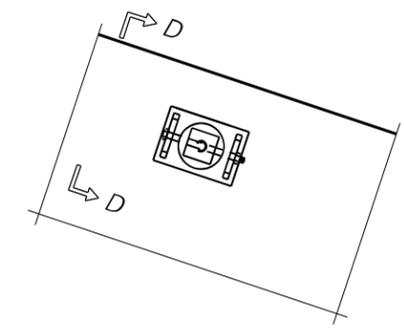
SECTION B-B



DETAIL A

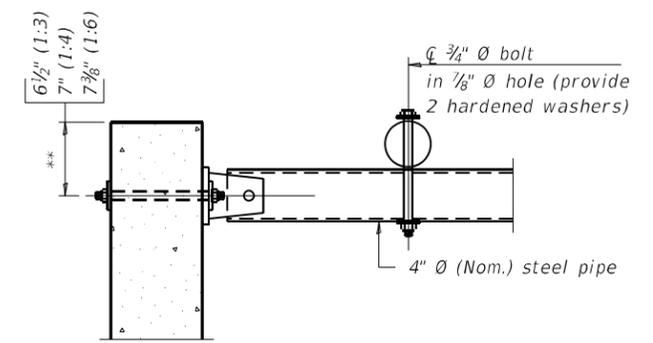


DETAIL B



VIEW C-C

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



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.

(Sheet 1 of 2)

TPGBC-ZS	2-17-2017	DESIGNED -	REVISD - 1-10-18	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
FILE NAME: pwc:\dot-pw-bentley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\P204813\CADD\DWG\DOT\DOT-D204813-sht-details.dgn		CHECKED -	REVISD - 5-09-14		SCALE:	SHEET 1	OF 2 SHEETS	STA.	TO STA.	505	110T	STEPHENSON	99 64
PLOT SCALE = 100,0000' / in.		DATE -	REVISD -								CONTRACT NO. 64J63		
PLOT DATE = Oct-06-2021 01:43:26 PM											ILLINOIS FED. AID PROJECT		

TRAVERSABLE PIPE GRATE FOR BOX CULVERT END SECTIONS

PIPE-GRATE SCHEDULE FOR BOX CULVERT END SECTIONS

GENERAL NOTES

This table is only to be used for cross drainage structures.

Precast Box Culvert Dimensions			Slope of End Section								
			1:3			1:4			1:6		
			Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe	Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe	Main Pipe No. / Length	Int. Support No. / Length	Total Length of Pipe
4	2	7.5	1 @ 8'-10"	N/A	8'-10"	1 @ 11'-7"	N/A	11'-7"	1 @ 17'-2"	N/A	17'-2"
4	2	5	1 @ 8'-2"	N/A	8'-2"	1 @ 10'-8"	N/A	10'-8"	1 @ 15'-11"	N/A	15'-11"
4	3	7.5	1 @ 12'-0"	N/A	12'-0"	1 @ 15'-8"	N/A	15'-8"	1 @ 23'-3"	1 @ 3'-7"	26'-10"
4	3	5	1 @ 11'-4"	N/A	11'-4"	1 @ 14'-10"	N/A	14'-10"	1 @ 22'-0"	1 @ 3'-7"	25'-7"
4	4	7.5	1 @ 15'-2"	N/A	15'-2"	1 @ 19'-10"	1 @ 3'-7"	23'-5"	1 @ 29'-4"	2 @ 3'-7"	36'-6"
4	4	5	1 @ 14'-6"	N/A	14'-6"	1 @ 18'-11"	N/A	18'-11"	1 @ 28'-1"	2 @ 3'-7"	35'-3"
5	2	8	1 @ 8'-11"	N/A	8'-11"	1 @ 11'-9"	N/A	11'-9"	1 @ 17'-5"	N/A	17'-5"
5	2	6	1 @ 8'-5"	N/A	8'-5"	1 @ 11'-1"	N/A	11'-1"	1 @ 16'-5"	N/A	16'-5"
5	3	8	1 @ 12'-1"	N/A	12'-1"	1 @ 15'-10"	N/A	15'-10"	1 @ 23'-6"	1 @ 4'-7"	28'-1"
5	3	6	1 @ 11'-7"	N/A	11'-7"	1 @ 15'-2"	N/A	15'-2"	1 @ 22'-6"	1 @ 4'-7"	27'-1"
5	4	8	1 @ 15'-3"	N/A	15'-3"	1 @ 20'-0"	1 @ 4'-7"	24'-7"	1 @ 29'-7"	2 @ 4'-7"	38'-9"
5	4	6	1 @ 14'-9"	N/A	14'-9"	1 @ 19'-3"	N/A	19'-3"	1 @ 28'-7"	2 @ 4'-7"	37'-9"
5	5	8	1 @ 18'-5"	N/A	18'-5"	1 @ 24'-1"	2 @ 4'-7"	33'-3"	1 @ 35'-8"	3 @ 4'-7"	49'-5"
5	5	6	1 @ 17'-11"	N/A	17'-11"	1 @ 23'-5"	1 @ 4'-7"	28'-0"	1 @ 34'-8"	2 @ 4'-7"	43'-10"
6	2	8	2 @ 8'-11"	N/A	17'-10"	2 @ 11'-9"	N/A	23'-6"	2 @ 17'-5"	N/A	34'-10"
6	2	7	2 @ 8'-8"	N/A	17'-4"	2 @ 11'-5"	N/A	22'-10"	2 @ 16'-11"	N/A	33'-10"
6	3	8	2 @ 12'-1"	N/A	24'-2"	2 @ 15'-10"	N/A	31'-8"	2 @ 23'-6"	1 @ 5'-7"	52'-7"
6	3	7	2 @ 11'-10"	N/A	23'-8"	2 @ 15'-6"	N/A	31'-0"	2 @ 23'-0"	1 @ 5'-7"	51'-7"
6	4	8	2 @ 15'-3"	N/A	30'-6"	2 @ 20'-0"	1 @ 5'-7"	45'-7"	2 @ 29'-7"	2 @ 5'-7"	70'-4"
6	4	7	2 @ 15'-0"	N/A	30'-0"	2 @ 19'-8"	1 @ 5'-7"	44'-11"	2 @ 29'-1"	2 @ 5'-7"	69'-4"
6	5	8	2 @ 18'-5"	N/A	36'-10"	2 @ 24'-1"	2 @ 5'-7"	59'-4"	2 @ 35'-8"	3 @ 5'-7"	88'-1"
6	5	7	2 @ 18'-2"	N/A	36'-4"	2 @ 23'-9"	2 @ 5'-7"	58'-8"	2 @ 35'-2"	2 @ 5'-7"	81'-6"
6	6	8	2 @ 21'-7"	1 @ 5'-7"	48'-9"	2 @ 28'-3"	2 @ 5'-7"	67'-8"	2 @ 41'-9"	3 @ 5'-7"	100'-3"
6	6	7	2 @ 21'-4"	1 @ 5'-7"	48'-3"	2 @ 27'-11"	2 @ 5'-7"	67'-0"	2 @ 41'-3"	3 @ 5'-7"	99'-3"
7	2	8	2 @ 8'-11"	N/A	17'-10"	2 @ 11'-9"	N/A	23'-6"	2 @ 17'-5"	N/A	34'-10"
7	3	8	2 @ 12'-1"	N/A	24'-2"	2 @ 15'-10"	N/A	31'-8"	2 @ 23'-6"	2 @ 6'-7"	60'-2"
7	4	8	2 @ 15'-3"	N/A	30'-6"	2 @ 20'-0"	2 @ 6'-7"	53'-2"	2 @ 29'-7"	3 @ 6'-7"	78'-11"
7	5	8	2 @ 18'-5"	N/A	36'-10"	2 @ 24'-1"	3 @ 6'-7"	67'-11"	2 @ 35'-8"	4 @ 6'-7"	97'-8"
7	6	8	2 @ 21'-7"	2 @ 6'-7"	56'-4"	2 @ 28'-3"	3 @ 6'-7"	76'-3"	2 @ 41'-9"	5 @ 6'-7"	116'-5"
7	7	8	2 @ 24'-9"	3 @ 6'-7"	69'-3"	2 @ 32'-4"	4 @ 6'-7"	91'-0"	2 @ 47'-10"	6 @ 6'-7"	135'-2"
8	2	8	3 @ 8'-11"	N/A	26'-9"	3 @ 11'-9"	N/A	35'-3"	3 @ 17'-5"	N/A	52'-3"
8	3	8	3 @ 12'-1"	N/A	36'-3"	3 @ 15'-10"	N/A	47'-6"	3 @ 23'-6"	2 @ 7'-7"	85'-8"
8	4	8	3 @ 15'-3"	N/A	45'-9"	3 @ 20'-0"	2 @ 7'-7"	75'-2"	3 @ 29'-7"	3 @ 7'-7"	111'-6"
8	5	8	3 @ 18'-5"	N/A	55'-3"	3 @ 24'-1"	3 @ 7'-7"	95'-0"	3 @ 35'-8"	4 @ 7'-7"	137'-4"
8	6	8	3 @ 21'-7"	2 @ 7'-7"	79'-11"	3 @ 28'-3"	3 @ 7'-7"	107'-6"	3 @ 41'-9"	5 @ 7'-7"	163'-2"
8	7	8	3 @ 24'-9"	3 @ 7'-7"	97'-0"	3 @ 32'-4"	4 @ 7'-7"	127'-4"	3 @ 47'-10"	6 @ 7'-7"	189'-0"
8	8	8	3 @ 27'-11"	3 @ 7'-7"	106'-6"	3 @ 36'-6"	4 @ 7'-7"	139'-10"	3 @ 53'-11"	6 @ 7'-7"	207'-3"
9	2	9	3 @ 9'-3"	N/A	27'-9"	3 @ 12'-1"	N/A	36'-3"	3 @ 17'-11"	N/A	53'-9"
9	3	9	3 @ 12'-4"	N/A	37'-0"	3 @ 16'-2"	N/A	48'-6"	3 @ 24'-0"	3 @ 8'-7"	97'-9"
9	4	9	3 @ 15'-6"	N/A	46'-6"	3 @ 20'-4"	2 @ 8'-7"	78'-2"	3 @ 30'-1"	3 @ 8'-7"	116'-0"
9	5	9	3 @ 18'-8"	N/A	56'-0"	3 @ 24'-5"	3 @ 8'-7"	99'-0"	3 @ 36'-2"	4 @ 8'-7"	142'-10"
9	6	9	3 @ 21'-10"	2 @ 8'-7"	82'-8"	3 @ 28'-7"	3 @ 8'-7"	111'-6"	3 @ 42'-3"	5 @ 8'-7"	169'-8"
9	7	9	3 @ 25'-0"	3 @ 8'-7"	100'-9"	3 @ 32'-8"	4 @ 8'-7"	132'-4"	3 @ 48'-4"	6 @ 8'-7"	196'-6"
9	8	9	3 @ 28'-2"	3 @ 8'-7"	110'-3"	3 @ 36'-10"	4 @ 8'-7"	144'-10"	3 @ 54'-5"	6 @ 8'-7"	214'-9"
9	9	9	3 @ 31'-4"	3 @ 8'-7"	119'-9"	3 @ 40'-11"	5 @ 8'-7"	165'-8"	3 @ 60'-6"	7 @ 8'-7"	241'-7"
10	2	10	3 @ 9'-6"	N/A	28'-6"	3 @ 12'-5"	N/A	37'-3"	3 @ 18'-5"	N/A	55'-3"
10	3	10	3 @ 12'-8"	N/A	38'-0"	3 @ 16'-6"	N/A	49'-6"	3 @ 24'-6"	3 @ 9'-7"	102'-3"
10	4	10	3 @ 15'-10"	N/A	47'-6"	3 @ 20'-8"	2 @ 9'-7"	81'-2"	3 @ 30'-7"	3 @ 9'-7"	120'-6"
10	5	10	3 @ 19'-0"	N/A	57'-0"	3 @ 24'-9"	3 @ 9'-7"	103'-0"	3 @ 36'-8"	4 @ 9'-7"	148'-4"
10	6	10	3 @ 22'-1"	2 @ 9'-7"	85'-5"	3 @ 28'-11"	3 @ 9'-7"	115'-6"	3 @ 42'-9"	5 @ 9'-7"	176'-2"
10	7	10	3 @ 25'-3"	3 @ 9'-7"	104'-6"	3 @ 33'-0"	4 @ 9'-7"	137'-4"	3 @ 48'-10"	6 @ 9'-7"	204'-0"
10	8	10	3 @ 28'-5"	3 @ 9'-7"	114'-0"	3 @ 37'-2"	4 @ 9'-7"	149'-10"	3 @ 54'-11"	6 @ 9'-7"	222'-3"
10	9	10	3 @ 31'-7"	4 @ 9'-7"	133'-1"	3 @ 41'-3"	5 @ 9'-7"	171'-8"	3 @ 61'-0"	7 @ 9'-7"	250'-1"
10	10	10	3 @ 34'-9"	4 @ 9'-7"	142'-7"	3 @ 45'-5"	5 @ 9'-7"	184'-2"	3 @ 67'-1"	8 @ 9'-7"	277'-11"
11	2	11	4 @ 9'-9"	N/A	39'-0"	4 @ 12'-9"	N/A	51'-0"	4 @ 18'-11"	N/A	75'-8"
11	3	11	4 @ 12'-11"	N/A	51'-8"	4 @ 16'-11"	N/A	67'-8"	4 @ 25'-0"	3 @ 10'-7"	131'-9"
11	4	11	4 @ 16'-1"	N/A	64'-4"	4 @ 21'-0"	2 @ 10'-7"	105'-2"	4 @ 31'-1"	3 @ 10'-7"	156'-1"
11	6	11	4 @ 22'-5"	2 @ 10'-7"	110'-10"	4 @ 29'-3"	3 @ 10'-7"	148'-9"	4 @ 43'-3"	5 @ 10'-7"	225'-11"
11	8	11	4 @ 28'-9"	3 @ 10'-7"	146'-9"	4 @ 37'-6"	4 @ 10'-7"	192'-4"	4 @ 55'-5"	6 @ 10'-7"	285'-2"
11	10	11	4 @ 35'-0"	4 @ 10'-7"	182'-4"	4 @ 45'-9"	5 @ 10'-7"	235'-11"	4 @ 67'-7"	8 @ 10'-7"	355'-0"
11	11	11	4 @ 38'-2"	4 @ 10'-7"	195'-0"	4 @ 49'-10"	6 @ 10'-7"	262'-10"	4 @ 73'-8"	9 @ 10'-7"	389'-11"
12	2	12	4 @ 10'-0"	N/A	40'-0"	4 @ 13'-1"	N/A	52'-4"	4 @ 19'-5"	N/A	77'-8"
12	3	12	4 @ 13'-2"	N/A	52'-8"	4 @ 17'-3"	N/A	69'-0"	4 @ 25'-6"	3 @ 11'-7"	136'-9"
12	4	12	4 @ 16'-4"	N/A	65'-4"	4 @ 21'-4"	2 @ 11'-7"	108'-6"	4 @ 31'-7"	4 @ 11'-7"	172'-8"
12	6	12	4 @ 22'-8"	2 @ 11'-7"	113'-10"	4 @ 29'-7"	3 @ 11'-7"	153'-1"	4 @ 43'-9"	5 @ 11'-7"	232'-11"
12	8	12	4 @ 29'-0"	3 @ 11'-7"	150'-9"	4 @ 37'-10"	4 @ 11'-7"	197'-8"	4 @ 55'-11"	7 @ 11'-7"	304'-9"
12	10	12	4 @ 35'-4"	4 @ 11'-7"	187'-8"	4 @ 46'-1"	5 @ 11'-7"	242'-3"	4 @ 68'-1"	8 @ 11'-7"	365'-0"
12	12	12	4 @ 41'-8"	5 @ 11'-7"	224'-7"	4 @ 54'-4"	6 @ 11'-7"	286'-10"	4 @ 80'-3"	10 @ 11'-7"	436'-10"

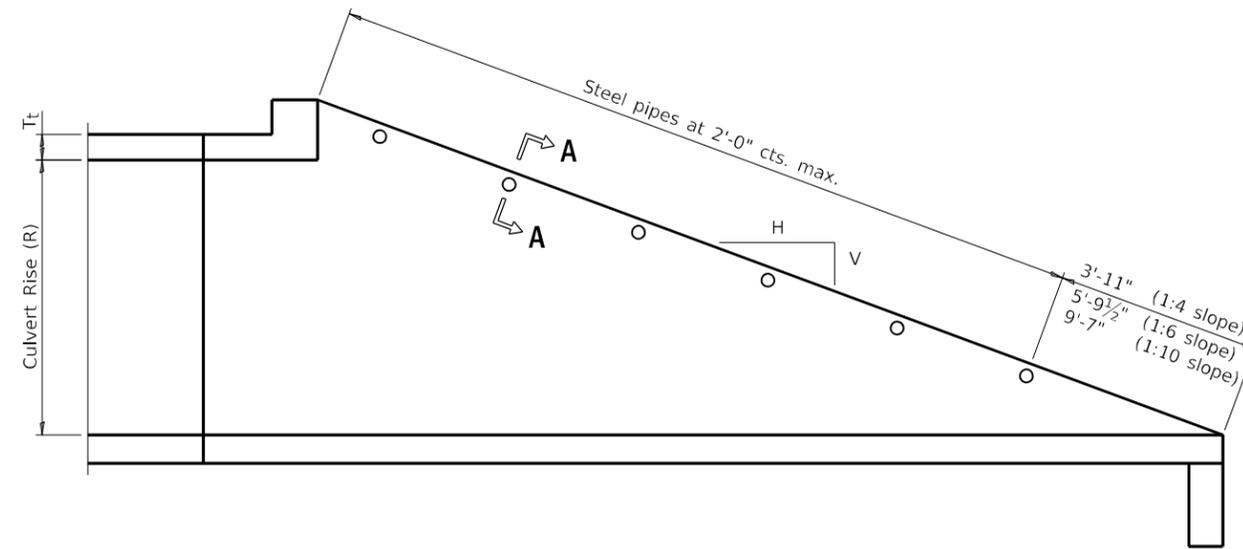
TPGBC-ZS

2-17-2017

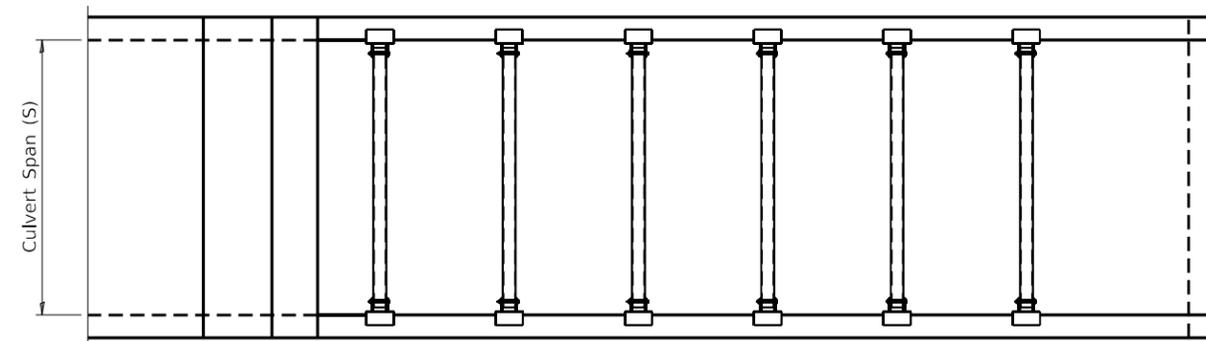
(Sheet 2 of 2)

USER NAME = ankeyde	DESIGNED -	REVISED - 1-10-18	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FILE NAME: pwc:\dot-pw.bentley.com:PWIDOTD...s\DOT\4813-CADD\Drawings\DOT4813-sht-details.dgn	CHECKED -	REVISED - 5-09-14		505	110T	STEPHENSON	99	65		
PLOT SCALE = 100,0000' / in.	DATE -	REVISED -		SCALE: SHEET 2 OF 2 SHEETS STA. TO STA.		CONTRACT NO. 64J63		ILLINOIS FED. AID PROJECT		
PLOT DATE = Oct-06-2021 01:43:27 PM	DATE -	REVISED -								

TRAVERSABLE PIPE GRATE FOR PARALLEL DRAINAGE STRUCTURE



LONGITUDINAL SECTION



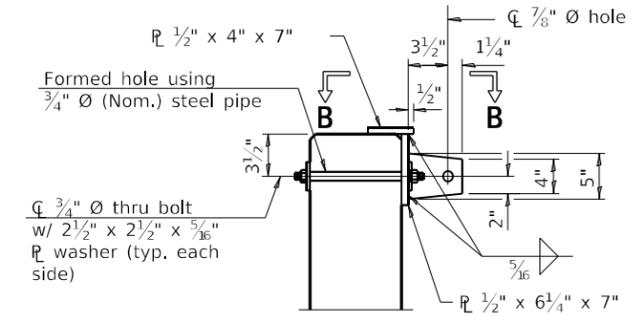
PLAN VIEW

GENERAL NOTES

The minimum edge distance from the center of a hole to the free edge of a structural shape or plate shall be $1\frac{1}{2}$ " unless noted otherwise.

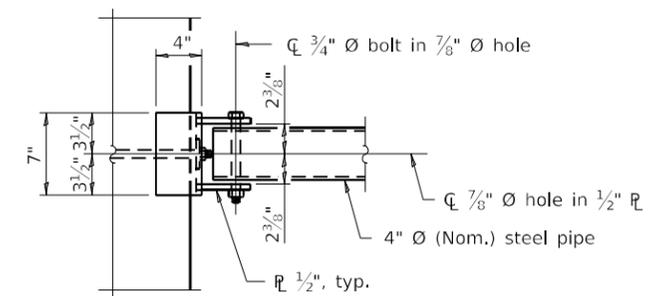
This standard shall only be used on concrete end sections for parallel drainage structures.

The Contractor may install the thru bolts using drilling and grouting in lieu of providing a formed hole using steel pipe. Installation shall be in accordance with Article 509.06 using a method that results in the annulus surrounding the bolt being completely filled with adhesive. The method of drilling shall not result in spalled concrete at the exit face. Epoxy grouted thru bolts shall be snug tightened followed by an additional $\frac{1}{3}$ turn on the interior nut at final installation. Cost included with Traversable Pipe Grate.



SECTION A-A

(4" \emptyset pipe not shown for clarity.)



VIEW B-B

FILE NAME: pwc\idiot-pw.bentley.com:PWIDOT\Documents\DOT Offices\District 2\Projects\P204813\CADD\Drawings\204813-sht-details.dgn	USER NAME = anikneyde	DESIGNED -	REVISED - 5-09-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -				505	110T	STEPHENSON	99	66
PLOT DATE = Oct-06-2021 01:43:28 PM	DATE -	REVISED -	REVISED -	SCALE: SHEET 1 OF 5 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 64J63			

TRAVERSABLE PIPE GRATE FOR PARALLEL DRAINAGE STRUCTURE

PIPE GRATE SCHEDULE FOR PARALLEL BOX CULVERTS

(<2 FT COVER)							
BOX SIZE		SLOPE OF END SECTION					
		1:4		1:6		1:10	
SPAN (FT.)	RISE (FT.)	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe
3	2	5 @ 2'-7"	12'-11"	8 @ 2'-7"	20'-8"	12 @ 2'-7"	31'-0"
3	3	7 @ 2'-7"	18'-1"	11 @ 2'-7"	28'-5"	17 @ 2'-7"	43'-11"
4	2	5 @ 3'-7"	17'-11"	8 @ 3'-7"	28'-8"	13 @ 3'-7"	46'-7"
4	3	8 @ 3'-7"	28'-8"	11 @ 3'-7"	39'-5"	18 @ 3'-7"	64'-6"
4	4	10 @ 3'-7"	35'-10"	14 @ 3'-7"	50'-2"	23 @ 3'-7"	82'-5"
5	2	6 @ 4'-7"	27'-6"	8 @ 4'-7"	36'-8"	13 @ 4'-7"	59'-7"
5	3	8 @ 4'-7"	36'-8"	11 @ 4'-7"	50'-5"	18 @ 4'-7"	82'-6"
5	4	10 @ 4'-7"	45'-10"	14 @ 4'-7"	64'-2"	23 @ 4'-7"	105'-5"
5	5	12 @ 4'-7"	55'-0"	17 @ 4'-7"	77'-11"	28 @ 4'-7"	128'-4"
6	2	6 @ 5'-7"	33'-6"	8 @ 5'-7"	44'-8"	13 @ 5'-7"	72'-7"
6	3	8 @ 5'-7"	44'-8"	11 @ 5'-7"	61'-5"	18 @ 5'-7"	100'-6"
6	4	10 @ 5'-7"	55'-10"	14 @ 5'-7"	78'-2"	23 @ 5'-7"	128'-5"
6	5	12 @ 5'-7"	67'-0"	17 @ 5'-7"	94'-11"	28 @ 5'-7"	156'-4"
6	6	14 @ 5'-7"	78'-2"	20 @ 5'-7"	111'-8"	33 @ 5'-7"	184'-3"
7	2	6 @ 6'-7"	39'-6"	8 @ 6'-7"	52'-8"	13 @ 6'-7"	85'-7"
7	3	8 @ 6'-7"	52'-8"	11 @ 6'-7"	72'-5"	18 @ 6'-7"	118'-6"
7	4	10 @ 6'-7"	65'-10"	14 @ 6'-7"	92'-2"	23 @ 6'-7"	151'-5"
7	5	12 @ 6'-7"	79'-0"	17 @ 6'-7"	111'-11"	28 @ 6'-7"	184'-4"
7	6	14 @ 6'-7"	92'-2"	20 @ 6'-7"	131'-8"	33 @ 6'-7"	217'-3"
7	7	16 @ 6'-7"	105'-4"	23 @ 6'-7"	151'-5"	38 @ 6'-7"	250'-2"
8	2	6 @ 7'-7"	45'-6"	8 @ 7'-7"	60'-8"	13 @ 7'-7"	98'-7"
8	3	8 @ 7'-7"	60'-8"	11 @ 7'-7"	83'-5"	18 @ 7'-7"	136'-6"
8	4	10 @ 7'-7"	75'-10"	14 @ 7'-7"	106'-2"	23 @ 7'-7"	174'-5"
8	5	12 @ 7'-7"	91'-0"	17 @ 7'-7"	128'-11"	28 @ 7'-7"	212'-4"
8	6	14 @ 7'-7"	106'-2"	20 @ 7'-7"	151'-8"	33 @ 7'-7"	250'-3"
8	7	16 @ 7'-7"	121'-4"	23 @ 7'-7"	174'-5"	38 @ 7'-7"	288'-2"
8	8	18 @ 7'-7"	136'-6"	26 @ 7'-7"	197'-2"	43 @ 7'-7"	326'-1"
9	2	6 @ 8'-7"	51'-6"	8 @ 8'-7"	68'-8"	13 @ 8'-7"	111'-7"
9	3	8 @ 8'-7"	68'-8"	11 @ 8'-7"	94'-5"	18 @ 8'-7"	154'-6"
9	4	10 @ 8'-7"	85'-10"	14 @ 8'-7"	120'-2"	23 @ 8'-7"	197'-5"
9	5	12 @ 8'-7"	103'-0"	17 @ 8'-7"	145'-11"	28 @ 8'-7"	240'-4"
9	6	14 @ 8'-7"	120'-2"	20 @ 8'-7"	171'-8"	33 @ 8'-7"	283'-3"
9	7	16 @ 8'-7"	137'-4"	23 @ 8'-7"	197'-5"	38 @ 8'-7"	326'-2"
9	8	18 @ 8'-7"	154'-6"	26 @ 8'-7"	223'-2"	43 @ 8'-7"	369'-1"
9	9	20 @ 8'-7"	171'-8"	30 @ 8'-7"	257'-6"	48 @ 8'-7"	412'-0"
10	2	6 @ 9'-7"	57'-6"	9 @ 9'-7"	86'-3"	14 @ 9'-7"	134'-2"
10	3	8 @ 9'-7"	76'-8"	12 @ 9'-7"	115'-0"	19 @ 9'-7"	182'-1"
10	4	10 @ 9'-7"	95'-10"	15 @ 9'-7"	143'-9"	24 @ 9'-7"	230'-0"
10	5	12 @ 9'-7"	115'-0"	18 @ 9'-7"	172'-6"	29 @ 9'-7"	277'-11"
10	6	14 @ 9'-7"	134'-2"	21 @ 9'-7"	201'-3"	34 @ 9'-7"	325'-10"
10	7	16 @ 9'-7"	153'-4"	24 @ 9'-7"	230'-0"	39 @ 9'-7"	373'-9"
10	8	18 @ 9'-7"	172'-6"	27 @ 9'-7"	258'-9"	44 @ 9'-7"	421'-8"
10	9	20 @ 9'-7"	191'-8"	30 @ 9'-7"	287'-5"	49 @ 9'-7"	469'-7"
10	10	22 @ 9'-7"	210'-10"	33 @ 9'-7"	316'-3"	54 @ 9'-7"	517'-6"

PIPE GRATE SCHEDULE FOR PARALLEL BOX CULVERTS

(<2 FT COVER)							
BOX SIZE		SLOPE OF END SECTION					
		1:4		1:6		1:10	
SPAN (FT.)	RISE (FT.)	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe
11	2	6 @ 10'-7"	63'-6"	9 @ 10'-7"	95'-3"	14 @ 10'-7"	148'-2"
11	3	8 @ 10'-7"	84'-8"	12 @ 10'-7"	127'-0"	19 @ 10'-7"	201'-1"
11	4	10 @ 10'-7"	105'-10"	15 @ 10'-7"	158'-9"	24 @ 10'-7"	254'-0"
11	6	14 @ 10'-7"	148'-2"	21 @ 10'-7"	222'-3"	34 @ 10'-7"	359'-10"
11	8	18 @ 10'-7"	190'-6"	27 @ 10'-7"	285'-9"	44 @ 10'-7"	465'-8"
11	10	23 @ 10'-7"	243'-5"	33 @ 10'-7"	349'-3"	54 @ 10'-7"	571'-6"
11	11	25 @ 10'-7"	264'-7"	36 @ 10'-7"	381'-0"	59 @ 10'-7"	624'-5"
12	2	6 @ 11'-7"	69'-6"	9 @ 11'-7"	104'-3"	15 @ 11'-7"	173'-9"
12	3	8 @ 11'-7"	92'-8"	12 @ 11'-7"	139'-0"	20 @ 11'-7"	231'-8"
12	4	10 @ 11'-7"	115'-10"	15 @ 11'-7"	173'-9"	25 @ 11'-7"	289'-7"
12	6	15 @ 11'-7"	173'-9"	21 @ 11'-7"	243'-3"	35 @ 11'-7"	405'-5"
12	8	19 @ 11'-7"	220'-1"	27 @ 11'-7"	312'-9"	45 @ 11'-7"	521'-3"
12	10	23 @ 11'-7"	266'-5"	33 @ 11'-7"	382'-3"	55 @ 11'-7"	637'-1"
12	12	27 @ 11'-7"	312'-9"	39 @ 11'-7"	451'-9"	65 @ 11'-7"	752'-11"

PIPE GRATE SCHEDULE FOR PARALLEL BOX CULVERTS

(>2 FT COVER)							
BOX SIZE		SLOPE OF END SECTION					
		1:4		1:6		1:10	
SPAN (FT.)	RISE (FT.)	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe
3	2	5 @ 2'-7"	12'-11"	7 @ 2'-7"	18'-1"	11 @ 2'-7"	28'-5"
3	3	7 @ 2'-7"	18'-1"	10 @ 2'-7"	25'-10"	16 @ 2'-7"	41'-4"
4	2	5 @ 3'-7"	17'-11"	7 @ 3'-7"	25'-1"	12 @ 3'-7"	43'-0"
4	3	7 @ 3'-7"	25'-1"	10 @ 3'-7"	35'-10"	17 @ 3'-7"	60'-11"
4	4	9 @ 3'-7"	32'-3"	13 @ 3'-7"	46'-7"	22 @ 3'-7"	78'-10"
5	2	5 @ 4'-7"	22'-11"	7 @ 4'-7"	32'-1"	12 @ 4'-7"	55'-0"
5	3	7 @ 4'-7"	32'-1"	11 @ 4'-7"	50'-5"	17 @ 4'-7"	77'-11"
5	4	9 @ 4'-7"	41'-3"	14 @ 4'-7"	64'-2"	22 @ 4'-7"	100'-10"
5	5	11 @ 4'-7"	50'-5"	17 @ 4'-7"	77'-11"	27 @ 4'-7"	123'-9"
6	2	5 @ 5'-7"	27'-11"	8 @ 5'-7"	44'-8"	12 @ 5'-7"	67'-0"
6	3	7 @ 5'-7"	39'-1"	11 @ 5'-7"	61'-5"	17 @ 5'-7"	94'-11"
6	4	10 @ 5'-7"	55'-10"	14 @ 5'-7"	78'-2"	23 @ 5'-7"	128'-5"
6	5	12 @ 5'-7"	67'-0"	17 @ 5'-7"	94'-11"	28 @ 5'-7"	156'-4"
6	6	14 @ 5'-7"	78'-2"	20 @ 5'-7"	111'-8"	33 @ 5'-7"	184'-3"

Follow (<2 FT Cover) table for all other sizes

TRAVERSABLE PIPE GRATE FOR PARALLEL DRAINAGE STRUCTURE

PIPE GRATE SCHEDULE FOR PARALLEL PIPE CULVERTS 15" THRU 84" DIA.

Pipe I.D.	SLOPE OF END SECTION					
	1:4		1:6		1:10	
	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe
15"	3 @ 0'-11"	2'-9"	4 @ 0'-11"	3'-8"	6 @ 0'-11"	5'-6"
18"	3 @ 1'-1"	3'-3"	5 @ 1'-1"	5'-5"	7 @ 1'-1"	7'-7"
21"	4 @ 1'-5"	5'-8"	5 @ 1'-5"	7'-1"	9 @ 1'-5"	12'-9"
24"	5 @ 1'-7"	7'-11"	6 @ 1'-7"	9'-6"	10 @ 1'-7"	15'-10"
30"	6 @ 2'-1"	12'-6"	8 @ 2'-1"	16'-8"	13 @ 2'-1"	27'-1"
36"	7 @ 2'-7"	18'-1"	10 @ 2'-7"	25'-10"	15 @ 2'-7"	38'-9"
42"	8 @ 3'-1"	24'-8"	11 @ 3'-1"	33'-11"	18 @ 3'-1"	55'-6"
48"	9 @ 3'-7"	32'-3"	13 @ 3'-7"	46'-7"	21 @ 3'-7"	75'-3"
54"	10 @ 4'-1"	40'-10"	14 @ 4'-1"	57'-2"	23 @ 4'-1"	93'-11"
60"	11 @ 4'-7"	50'-5"	15 @ 4'-7"	68'-9"	25 @ 4'-7"	114'-7"
66"	12 @ 5'-1"	61'-0"	17 @ 5'-1"	86'-5"	28 @ 5'-1"	142'-4"
72"	13 @ 5'-7"	72'-7"	18 @ 5'-7"	100'-6"	30 @ 5'-7"	167'-6"
78"	14 @ 6'-1"	85'-2"	20 @ 6'-1"	121'-8"	33 @ 6'-1"	200'-9"
84"	15 @ 6'-7"	98'-9"	21 @ 6'-7"	138'-3"	35 @ 6'-7"	230'-5"

FILE NAME: p:\dot-pw\entley.com:PWIDOT\Documents\DOT Offices\District 2\Projects\204813\CADD\Drawings\204813-shd-details.dgn	USER NAME = ankneyde	DESIGNED -	REVISED - 5-09-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -				505	110T	STEPHENSON	99	68
PLOT DATE = Oct-06-2021 01:43:29 PM	DATE -	REVISED -	REVISED -	SCALE:	SHEET 3 OF 5 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

TRAVERSABLE PIPE GRATE FOR PARALLEL DRAINAGE STRUCTURE

PIPE GRATE SCHEDULE FOR PARALLEL PIPE ARCH CULVERTS 15" THRU 84" DIA.

SLOPE OF END SECTION						
Pipe I.D.	Table IIA, Corrugation : $2\frac{2}{3}" \times \frac{1}{2}"$					
	1:4		1:6		1:10	
	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe
15"	2 @ 1'-1"	2'-2"	3 @ 1'-1"	3'-3"	5 @ 1'-1"	5'-5"
18"	3 @ 1'-5"	4'-3"	4 @ 1'-5"	5'-8"	6 @ 1'-5"	8'-6"
21"	3 @ 1'-7"	4'-9"	5 @ 1'-7"	7'-11"	7 @ 1'-7"	11'-1"
24"	4 @ 1'-11"	7'-8"	5 @ 1'-11"	9'-7"	8 @ 1'-11"	15'-4"
30"	4 @ 2'-7"	10'-4"	6 @ 2'-7"	15'-6"	10 @ 2'-7"	25'-10"
36"	5 @ 3'-1"	15'-5"	7 @ 3'-1"	21'-7"	12 @ 3'-1"	37'-0"
42"	6 @ 3'-9"	22'-6"	9 @ 3'-9"	33'-9"	14 @ 3'-9"	52'-6"
48"	7 @ 4'-5"	30'-11"	10 @ 4'-5"	44'-2"	16 @ 4'-5"	70'-8"
54"	8 @ 4'-11"	39'-4"	11 @ 4'-11"	54'-1"	18 @ 4'-11"	88'-6"
60"	8 @ 5'-7"	44'-8"	12 @ 5'-7"	67'-0"	20 @ 5'-7"	111'-8"
66"	9 @ 6'-1"	54'-9"	13 @ 6'-1"	79'-1"	22 @ 6'-1"	133'-10"
72"	10 @ 6'-7"	65'-10"	15 @ 6'-7"	98'-9"	24 @ 6'-7"	158'-0"
78"	-	-	-	-	-	-
84"	-	-	-	-	-	-

PIPE GRATE SCHEDULE FOR PARALLEL PIPE ARCH CULVERTS 15" THRU 84" DIA.

SLOPE OF END SECTION						
Pipe I.D.	Table IIA, Corrugation : $3" \times 1"$					
	1:4		1:6		1:10	
	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe
15"	-	-	-	-	-	-
18"	-	-	-	-	-	-
21"	-	-	-	-	-	-
24"	-	-	-	-	-	-
30"	-	-	-	-	-	-
36"	6 @ 2'-11"	17'-6"	8 @ 2'-11"	23'-4"	13 @ 2'-11"	37'-11"
42"	7 @ 3'-5"	23'-11"	10 @ 3'-5"	34'-2"	15 @ 3'-5"	51'-3"
48"	8 @ 4'-1"	32'-8"	11 @ 4'-1"	44'-11"	18 @ 4'-1"	73'-6"
54"	9 @ 4'-7"	41'-3"	12 @ 4'-7"	55'-0"	20 @ 4'-7"	91'-10"
60"	9 @ 5'-1"	45'-9"	14 @ 5'-1"	71'-2"	22 @ 5'-1"	111'-10"
66"	10 @ 5'-9"	57'-6"	15 @ 5'-9"	86'-3"	24 @ 5'-9"	138'-0"
72"	11 @ 6'-5"	70'-7"	16 @ 6'-5"	102'-8"	26 @ 6'-5"	166'-10"
78"	12 @ 6'-11"	83'-0"	17 @ 6'-11"	117'-7"	28 @ 6'-11"	193'-8"
84"	12 @ 7'-7"	91'-0"	18 @ 7'-7"	136'-6"	30 @ 7'-7"	227'-6"

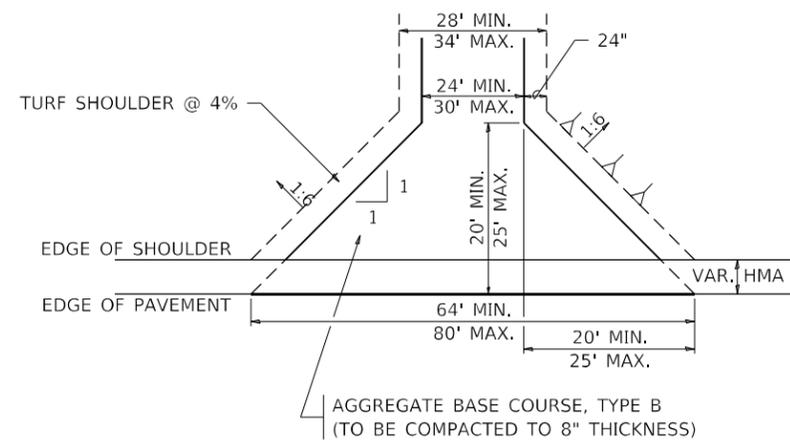
TRAVERSABLE PIPE GRATE FOR PARALLEL DRAINAGE STRUCTURE

PIPE GRATE SCHEDULE FOR PARALLEL ELLIPTICAL PIPE CULVERTS 15" THRU 72" DIA.

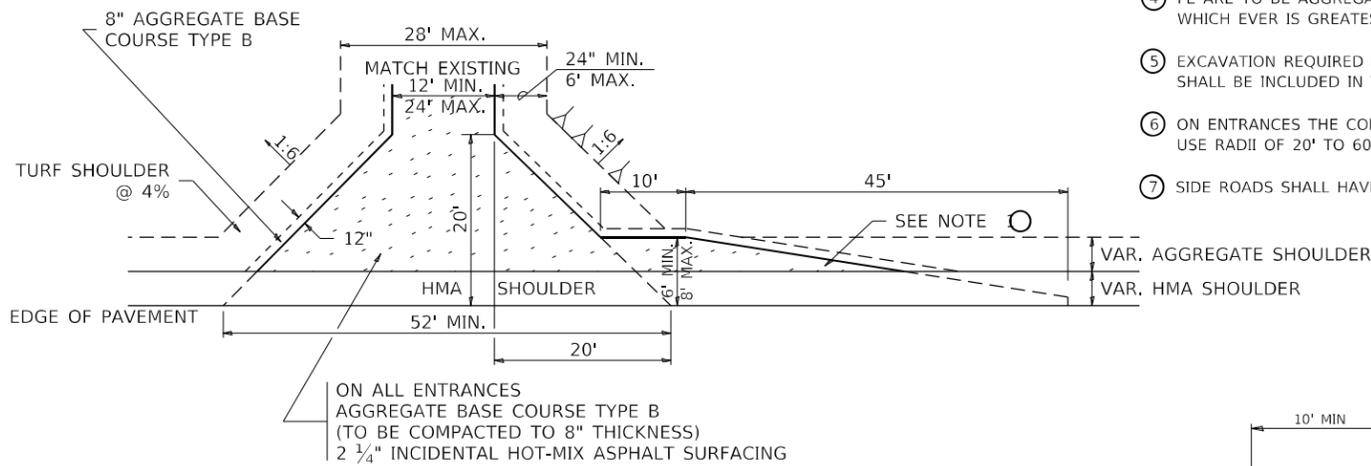
Pipe I.D.	SLOPE OF END SECTION					
	1:4		1:6		1:10	
	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe	Pipes No. / Length	Total Length of Pipe
15"	3 @ 2'-7"	7'-9"	5 @ 2'-7"	12'-11"	7 @ 2'-7"	18'-1"
18"	3 @ 2'-7"	7'-9"	5 @ 2'-7"	12'-11"	7 @ 2'-7"	18'-1"
21"	5 @ 3'-3"	16'-3"	7 @ 3'-3"	22'-9"	12 @ 3'-3"	39'-0"
24"	5 @ 3'-3"	16'-3"	7 @ 3'-3"	22'-9"	12 @ 3'-3"	39'-0"
27"	6 @ 3'-7"	21'-6"	8 @ 3'-7"	28'-8"	13 @ 3'-7"	46'-7"
30"	6 @ 3'-11"	23'-6"	9 @ 3'-11"	35'-3"	14 @ 3'-11"	54'-10"
36"	7 @ 4'-7"	32'-1"	10 @ 4'-7"	45'-10"	16 @ 4'-7"	73'-4"
42"	8 @ 5'-5"	43'-4"	11 @ 5'-5"	59'-7"	18 @ 5'-5"	97'-6"
48"	9 @ 6'-1"	54'-9"	13 @ 6'-1"	79'-1"	20 @ 6'-1"	121'-8"
54"	10 @ 6'-9"	67'-6"	14 @ 6'-9"	94'-6"	23 @ 6'-9"	155'-3"
60"	11 @ 7'-7"	83'-5"	15 @ 7'-7"	113'-9"	25 @ 7'-7"	189'-7"
66"	11 @ 8'-3"	90'-9"	17 @ 8'-3"	140'-3"	27 @ 8'-3"	222'-9"
72"	12 @ 8'-11"	107'-0"	18 @ 8'-11"	160'-6"	30 @ 8'-11"	267'-6"

FILE NAME: p:\dot-pw\entley.com\PWIDOT\Documents\DOT Offices\District 2\Projects\P204813\CADD\Drawings\110T\110T-Details.dgn	USER NAME = ankneyde	DESIGNED -	REVISED - 5-09-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -				505	110T	STEPHENSON	99	70
	PLOT DATE = Oct-06-2021 01:43:30 PM	DATE -	REVISED -				SCALE: SHEET 5 OF 5 SHEETS STA. TO STA.		ILLINOIS FED. AID PROJECT		CONTRACT NO. 64J63

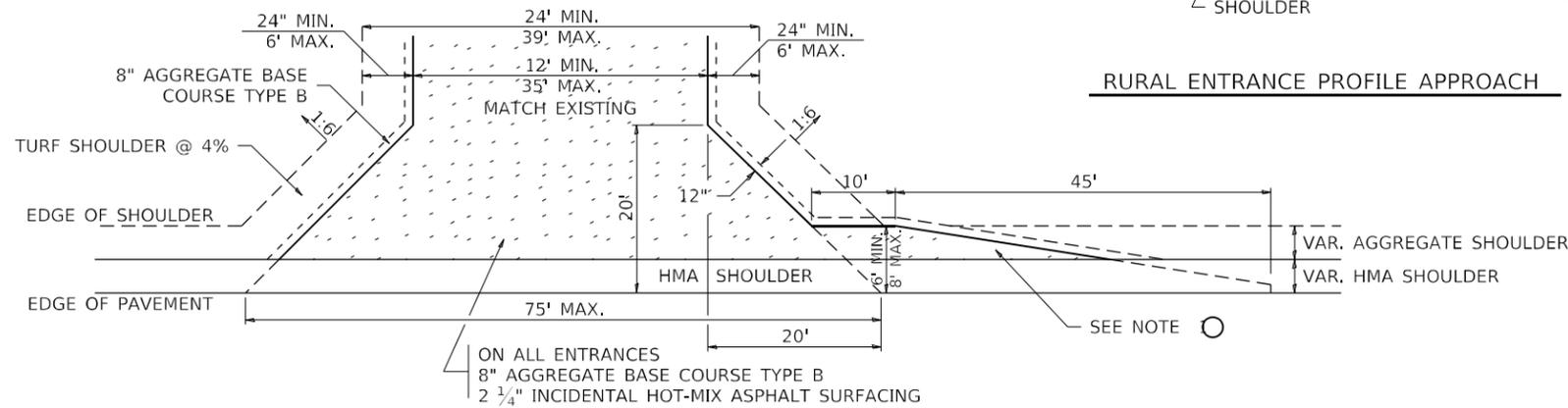
HOT-MIX ASPHALT APPROACHES AND MAILBOX RETURNS



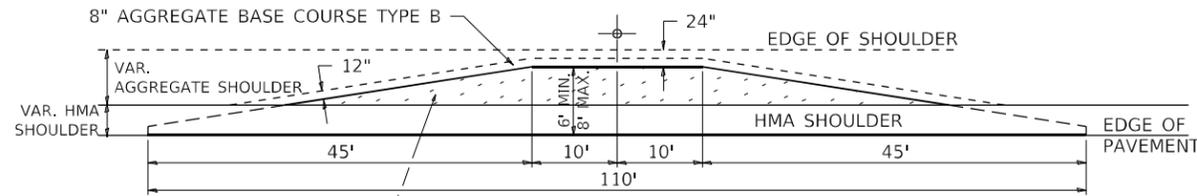
FIELD ENTRANCE



PRIVATE ENTRANCE



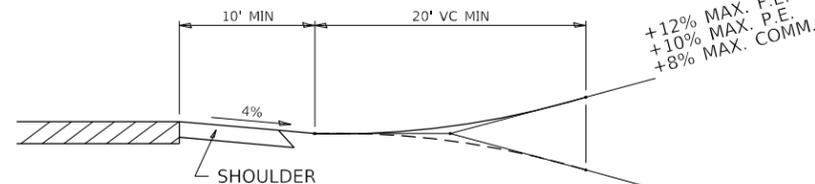
COMMERCIAL ENTRANCE



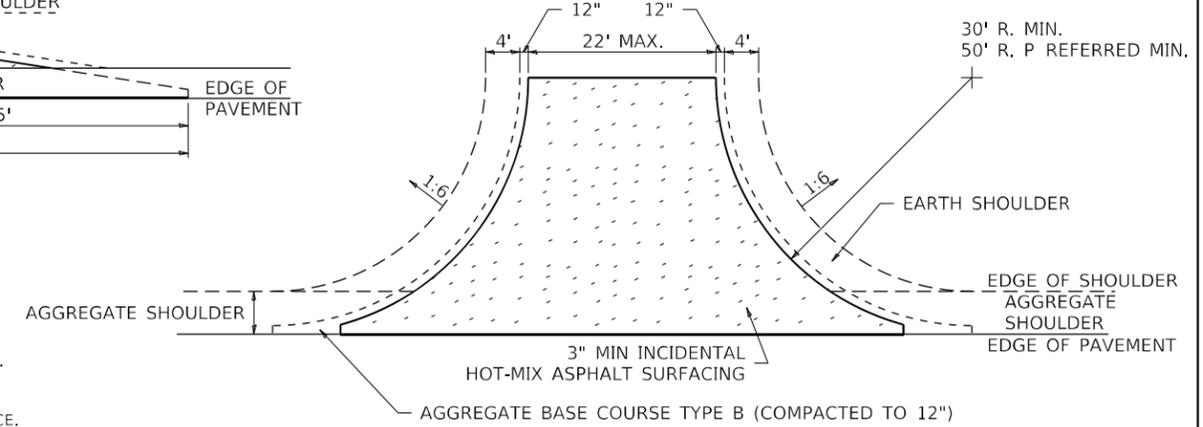
MAILBOX TURNOUT

NOTE

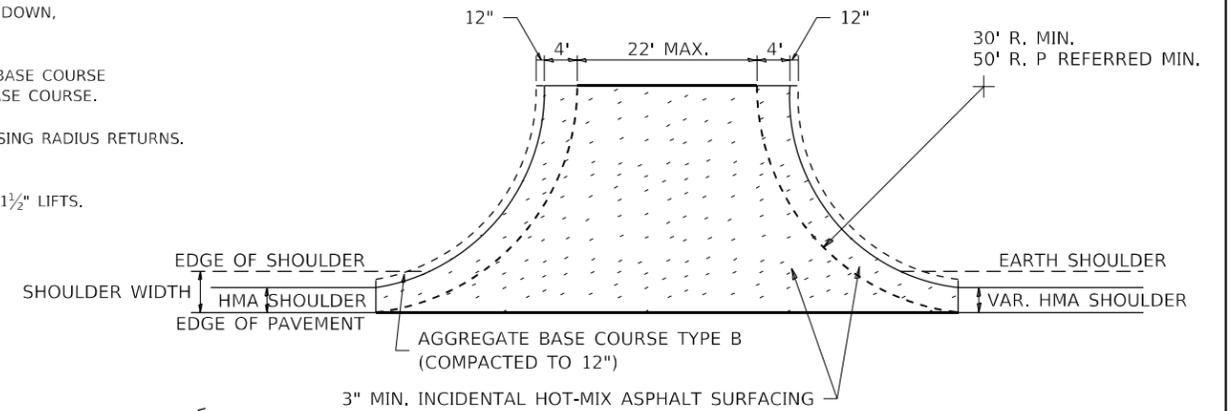
- ① TURNOUTS ARE TO BE CONSTRUCTED ON THE APPROACH SIDE OF ALL PE & CE REGARDLESS IF A MAILBOX IS PRESENT.
- ② ALL PE & CE ARE TO BE SURFACED TO RIGHT OF WAY LINE. AREA BEHIND RIGHT OF WAY SHALL MATCH EXISTING SURFACE.
- ③ ALL PE & CE TO BE CONSTRUCTED WITH AN 8" AGGREGATE BASE COURSE, TYPE B AND WITH A 2 1/4" INCIDENTAL HOT-MIX ASPHALT SURFACING, UNLESS OTHERWISE NOTED.
- ④ FE ARE TO BE AGGREGATE TO RIGHT OF WAY OR TOUCH DOWN, WHICH EVER IS GREATEST.
- ⑤ EXCAVATION REQUIRED FOR PLACEMENT OF AGGREGATE BASE COURSE SHALL BE INCLUDED IN THE COST OF THE AGGREGATE BASE COURSE.
- ⑥ ON ENTRANCES THE CONTRACTOR HAS THE OPTION OF USING RADIUS RETURNS. USE RADII OF 20' TO 60'.
- ⑦ SIDE ROADS SHALL HAVE 3" INCIDENTAL PLACED IN TWO 1 1/2" LIFTS.



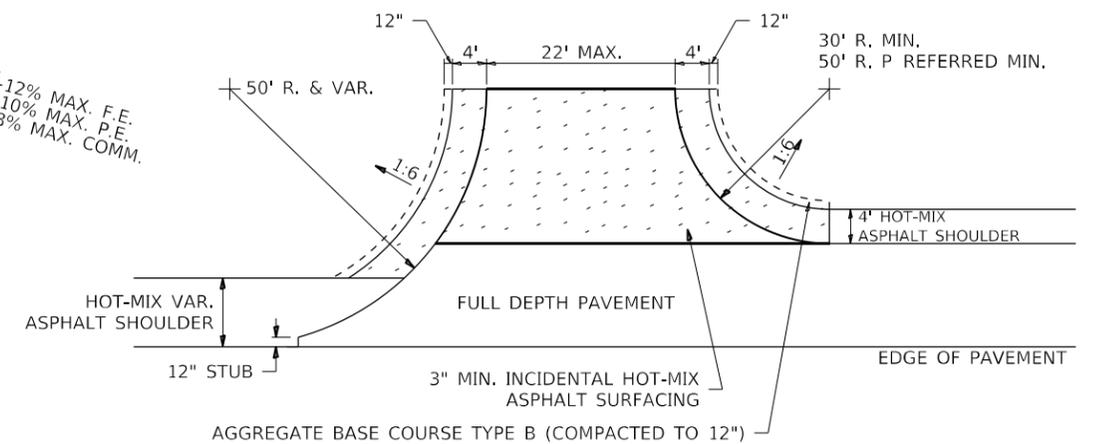
RURAL ENTRANCE PROFILE APPROACH



SIDE ROAD RETURN/EARTH SHOULDER



SIDE ROAD RETURN/HMA SHOULDER



SIDE ROAD RETURN WITH RIGHT TURN LANE

USER NAME = anikneyde	DESIGNED -	REVISED - 8-03-17
FILE NAME: pww\dot-pw.bentley.com:PWIDOT\Documents\DOT Offices\District 2\Projects\P204813\CADD\Drawings\204813-shd-details.dgn	CHECKED -	REVISED - 1-13-17
PLOT SCALE = 100,0000' / in.	DATE -	REVISED - 6-27-14
PLOT DATE = Oct-06-2021 01:43:30 PM		REVISED - 8-27-13

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

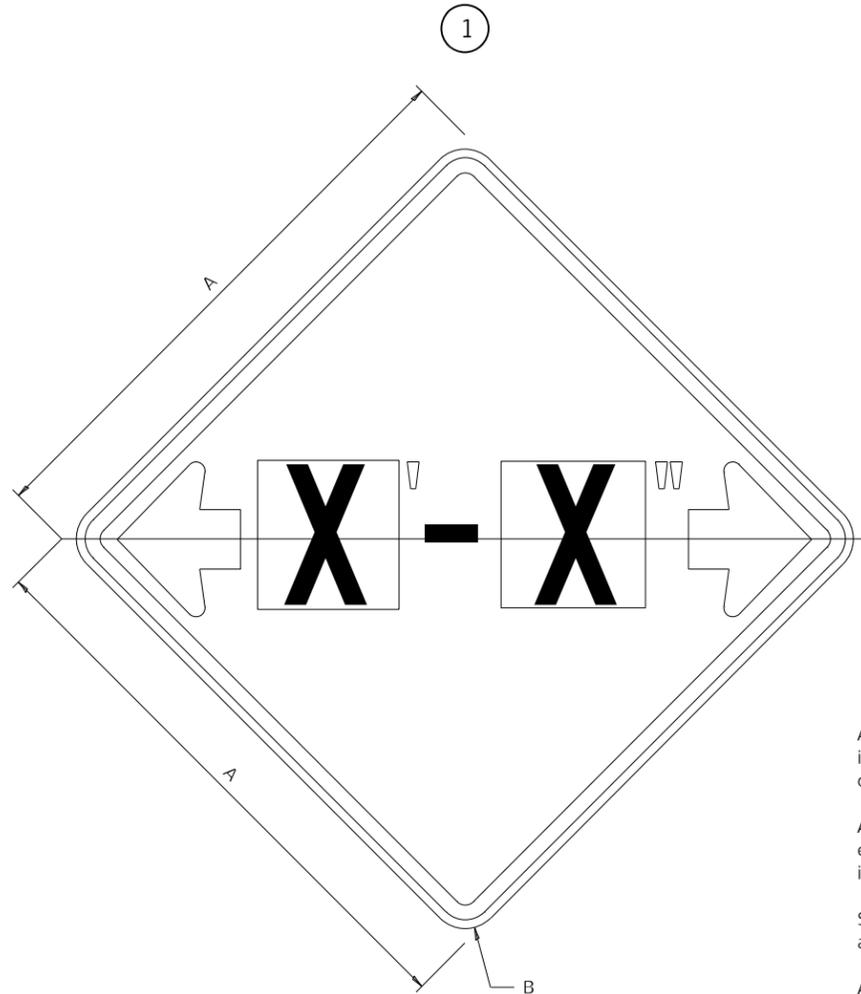
REGION 2 / DISTRICT 2 STANDARD

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
505	110T	STEPHENSON	99	71
CONTRACT NO. 64J63				

WORK ZONE SIGN DETAILS

ILLINOIS STANDARD W12-I102



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

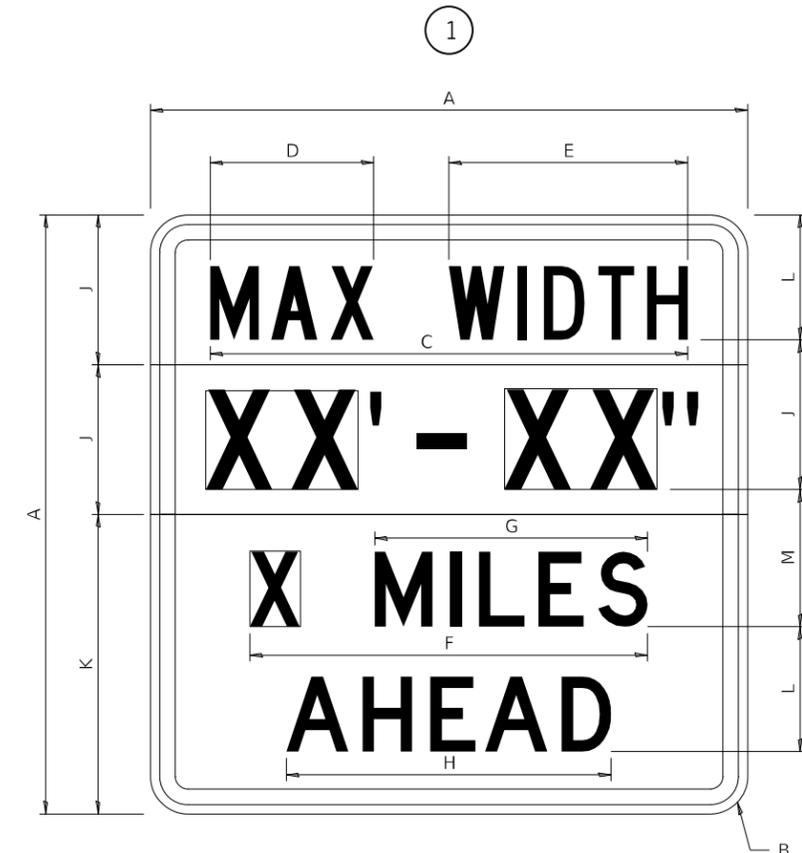
SIGN SIZE	DIMENSIONS	
	A	B
48 x 48	48.00	3.00

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

ILLINOIS STANDARD W12-I103



COLOR LEGEND AND BORDER BACKGROUND BLACK WHITE 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

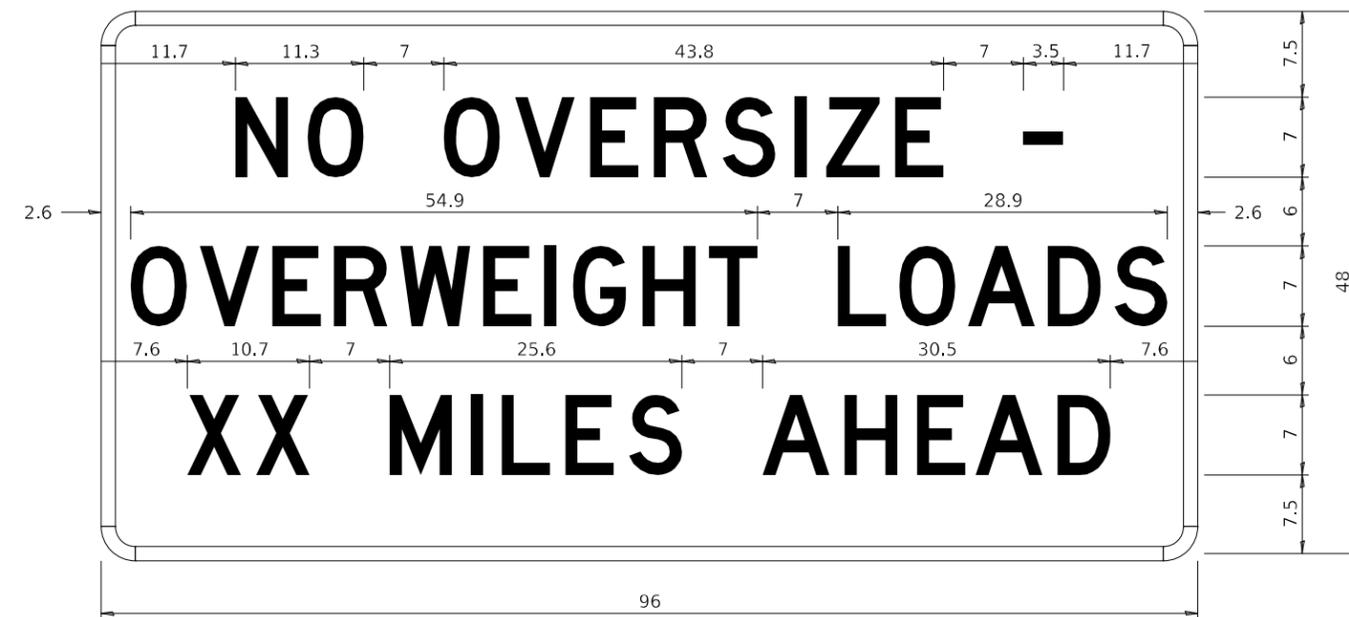
Sign not to scale

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

FILE NAME: pwc:\dot-pw.bentley.com:PWIDOT\Documents\DOT Offices\District 2\Projects\204813\CADD\Drawings\204813-shd-details.dgn	USER NAME = ankneyde	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.P. RTE. 505	SECTION 110T	COUNTY STEPHENSON	TOTAL SHEETS 99	SHEET NO. 73
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -	SCALE:					SHEET 2 OF 4 SHEETS	STA. TO STA.	CONTRACT NO. 64J63		
PLOT DATE = Oct-06-2021 01:43:32 PM	DATE -	REVISED -	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.

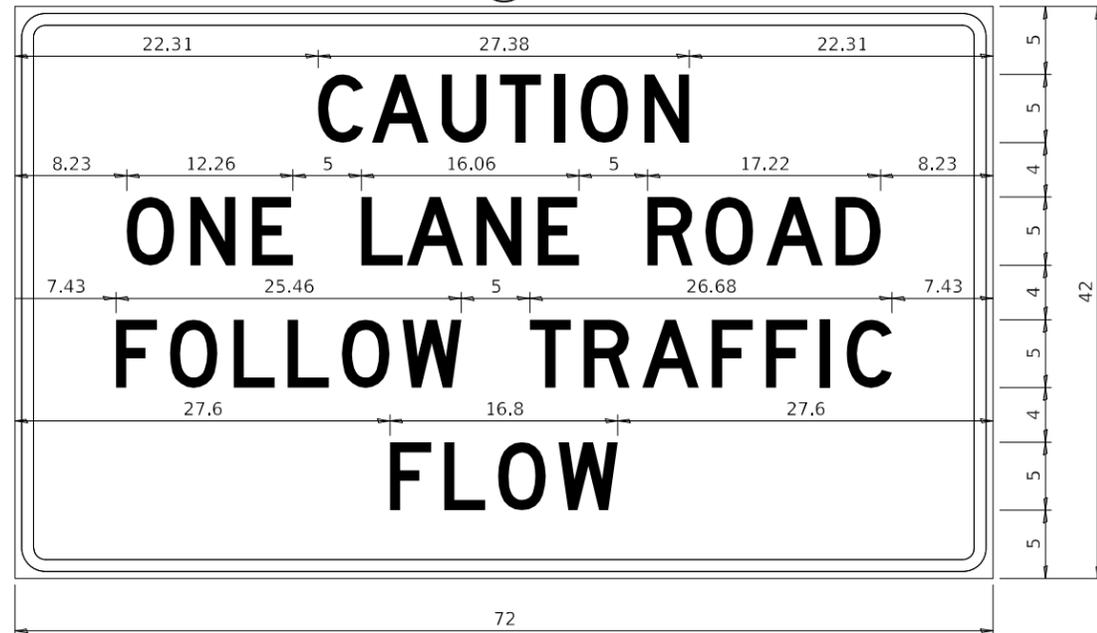
Signs shall meet the applicable portions of Sections 701 and 720 of the Standard Specifications.

All dimensions are in inches unless otherwise noted.

FILE NAME: pwc:\dot-pw.bentley.com:PWIDOT\Documents\DOT Offices\District 2\Projects\204813\CADD\DRAWINGS\204813-sht-details.dgn	USER NAME = ankneyde	DESIGNED -	REVISED - 3-02-16	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -			505	110T	STEPHENSON	99	74
PLOT DATE = Oct-06-2021 01:43:32 PM	DATE -	REVISED -		SCALE:	SHEET 3 OF 4 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT CONTRACT NO. 64J63		

**ENTRANCE SIGN FOR USE
WITH TEMPORARY SIGNALS**

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
------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------

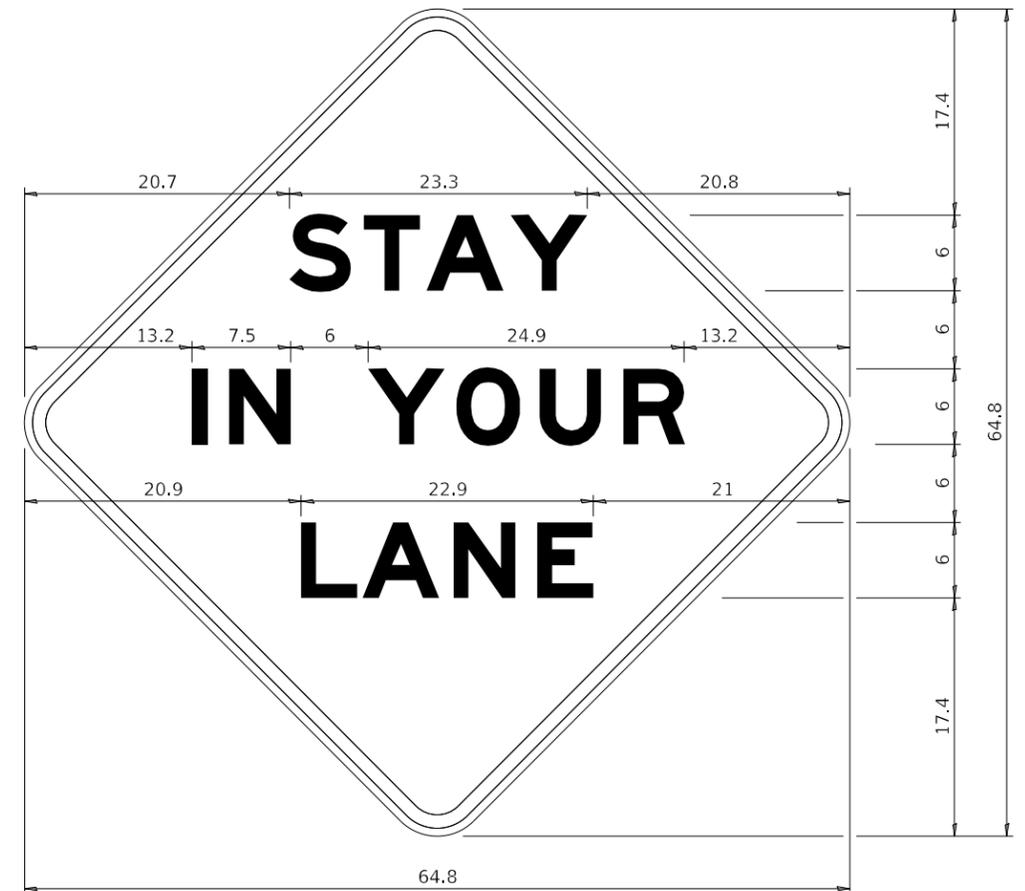
5.00	T	3.05	0.94	R	3.36	0.94	A	4.18	0.93	F	3.05	0.94	F	3.04	0.94	I	0.78	1.18	C	3.35	7.43
------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------	---	------	------

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

WORK ZONE SIGN DETAILS

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

GENERAL NOTES

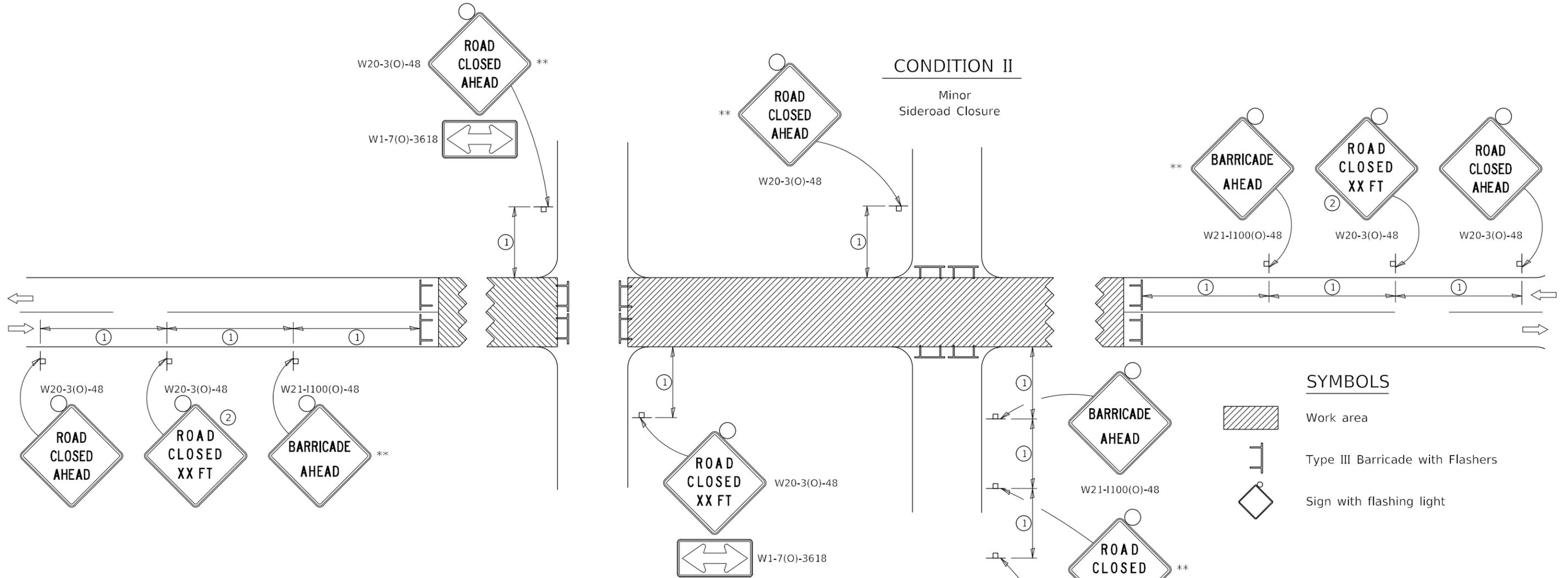
All work to furnish and install these signs shall be included in the cost of the specified traffic control standards and shall not be paid separately.

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.

TRAFFIC CONTROL FOR ROAD CLOSURE



SYMBOLS

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

GENERAL NOTES

Longitudinal dimensions may be adjusted to fit field conditions.

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.

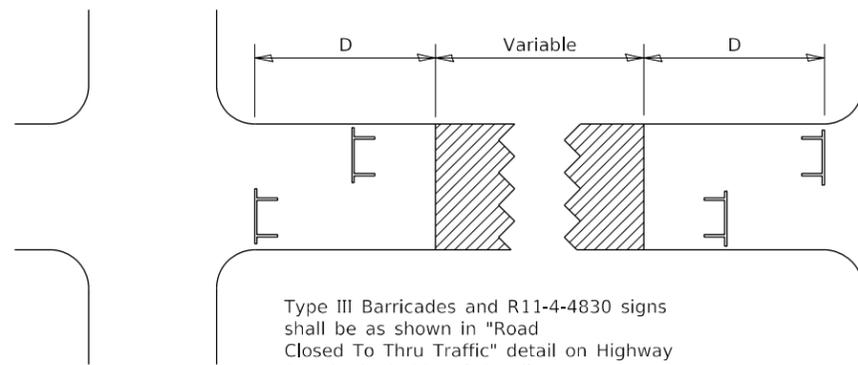
①

SIGN SPACING TABLE	
Posted Speed	Sign Spacing
45 MPH and above	500'
Below 45 MPH	250'

②

SIGN LEGEND	
Posted Speed Limit	Distance
45 MPH and above	1000'
Below 45 MPH	500'

ROAD CLOSED TO THRU TRAFFIC BARRICADE SET UP



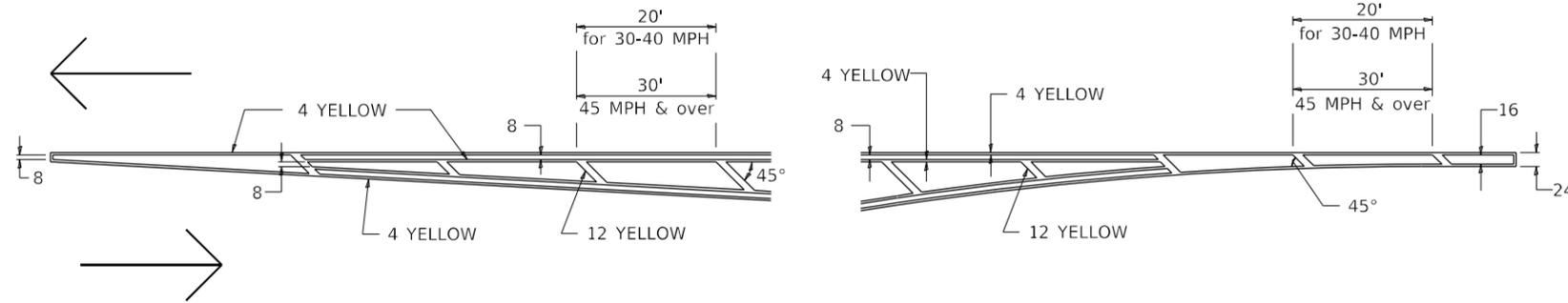
Type III Barricades and R11-4-4830 signs shall be as shown in "Road Closed To Thru Traffic" detail on Highway Standard 701901. If the distance "D" exceeds 2000' an additional set of barricades and R11-4-4830 shall be placed at each end of the work area.

TYPICAL APPLICATION FOR ROAD CLOSURE

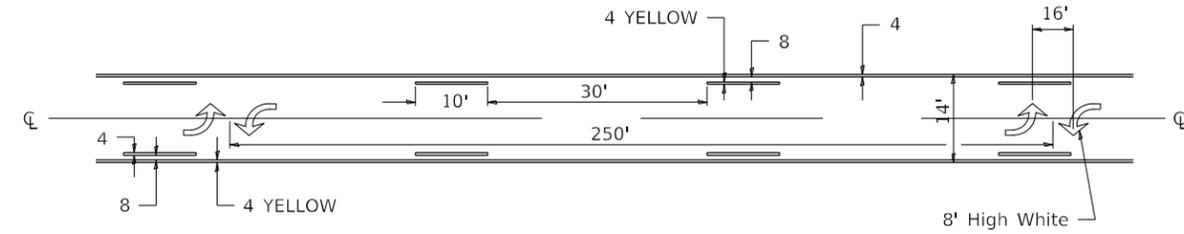
FILE NAME: pwc:\dot-pw.bentley.com:PWIDOT\Documents\DOT Offices\District 2\Projects\204813\CADD\Drawings\204813-shd-details.dgn	USER NAME = anikneyde	DESIGNED -	REVISED - 8-03-17	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD		F.A.P. RTE. 505	SECTION 110T	COUNTY STEPHENSON	TOTAL SHEETS 99	SHEET NO. 76
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - 8-27-13		SCALE:	SHEET OF SHEETS STA. TO STA.	CONTRACT NO. 64J63		ILLINOIS FED. AID PROJECT		
PLOT DATE = Oct-06-2021 01:43:33 PM	DATE -	REVISED - 10-17-11									

TYPICAL PAVEMENT MARKINGS

TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN AT LEFT TURN LANE

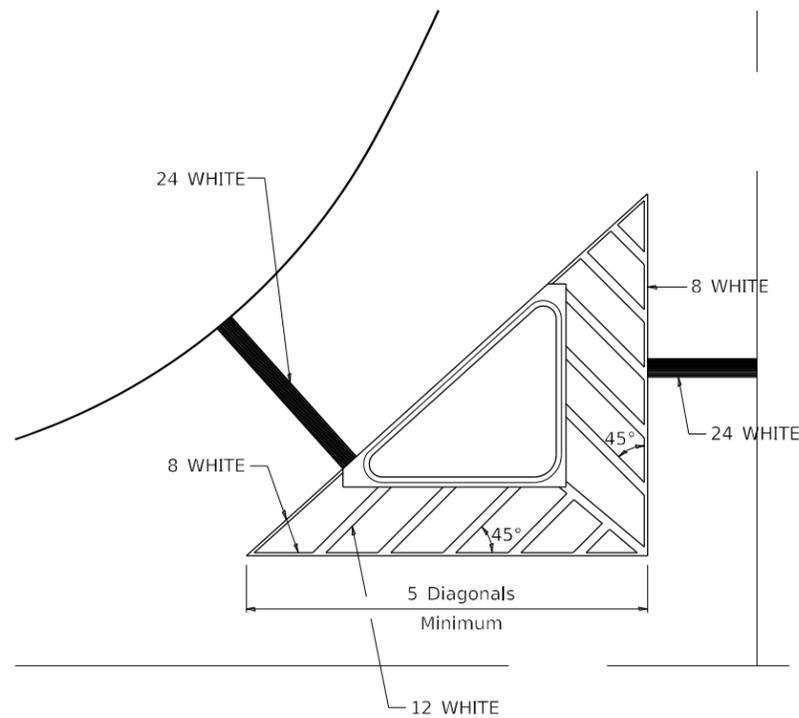


MEDIAN PAVEMENT MARKING



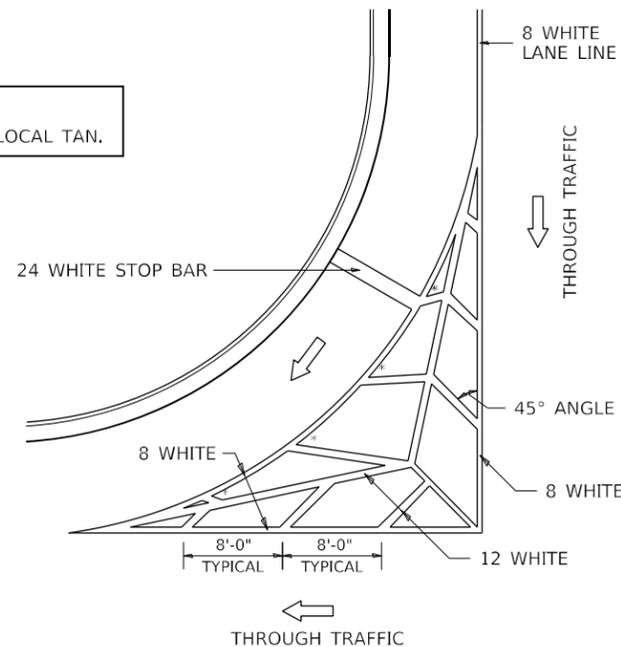
** ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

TYPICAL ISLAND OFFSET SHOULDER WIDTH



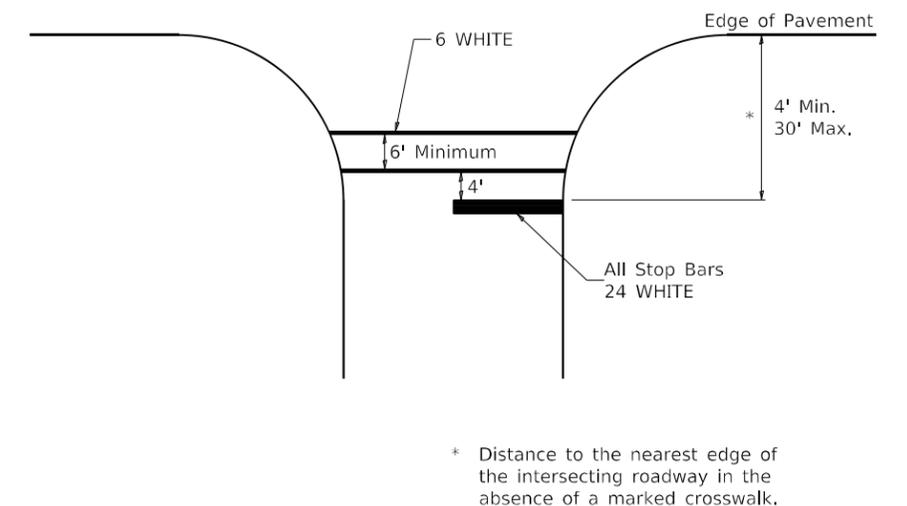
TYPICAL MARKING FOR PAINTED ISLANDS

NOTE:
* 45° TO LOCAL TAN.



STANDARD CROSSWALK MARKING

See Schedules for Locations

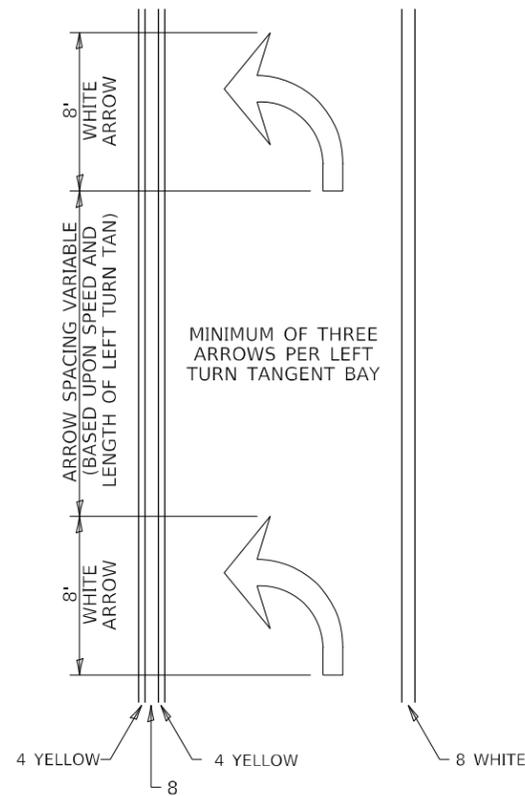


* Distance to the nearest edge of the intersecting roadway in the absence of a marked crosswalk.

FILE NAME: pwc:\dot-pw.bentley.com:PWIDOT\Documents\DOT Offices\District 2\Projects\P204813\CADD\Drawings\204813-shd-details.dgn	USER NAME = ankneyde	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.P. RTE. 505	SECTION 110T	COUNTY STEPHENSON	TOTAL SHEETS 99	SHEET NO. 77
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - 3-05-12		SCALE:	SHEET 1	OF 3	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	
	PLOT DATE = Oct-06-2021 01:43:33 PM	DATE -	REVISED -									
TYPICAL PAVEMENT MARKINGS SHEET 1 OF 3 41.1												

TYPICAL PAVEMENT MARKINGS

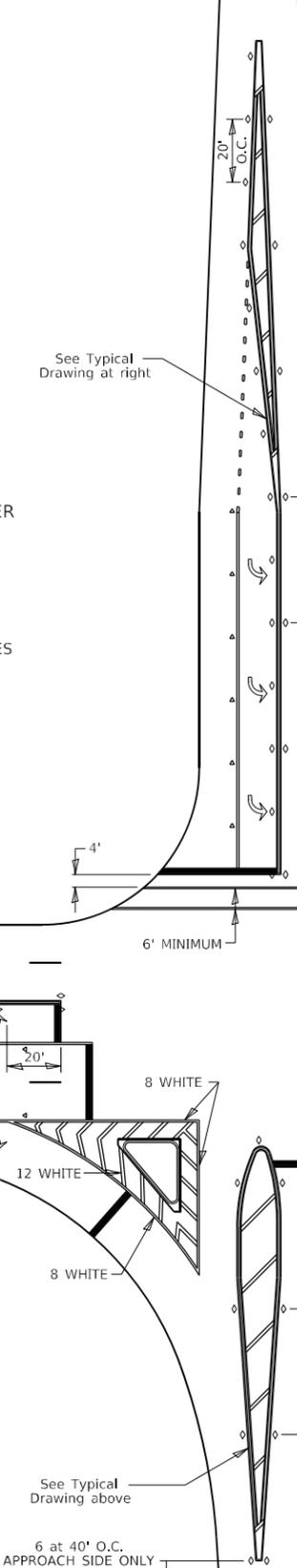
ARROW LAYOUT



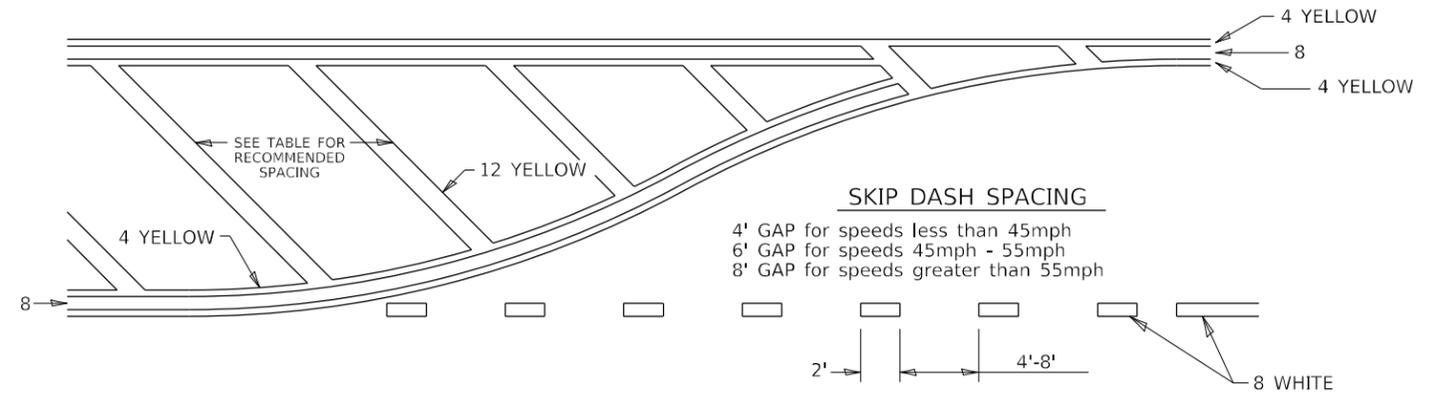
- ◁ ONE-WAY AMBER MARKER
- ◁ ONE-WAY CRYSTAL MARKER
- ◇ TWO-WAY AMBER MARKER

ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED.

6 at 40' O.C. APPROACH SIDE ONLY



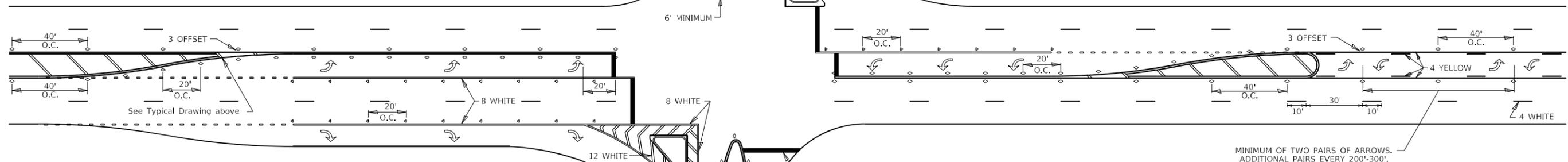
TYPICAL PAVEMENT MARKING FOR FLUSH MEDIAN



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'

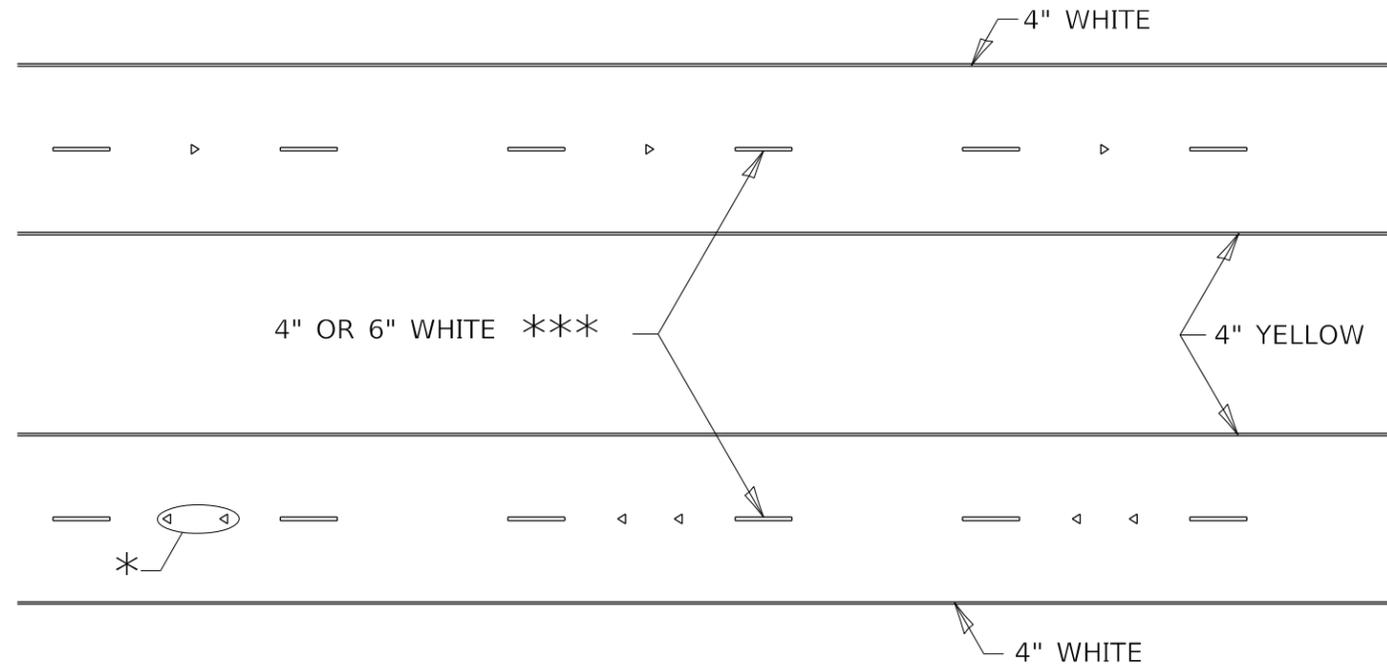
NOTE: if the spacing recommended in the Table does not permit at least five diagonal lines in the area being marked, the spacing from the next lowest speed range should be used. The recommended spacing is measured parallel to the pavement center line.



MINIMUM OF TWO PAIRS OF ARROWS. ADDITIONAL PAIRS EVERY 200'-300'.

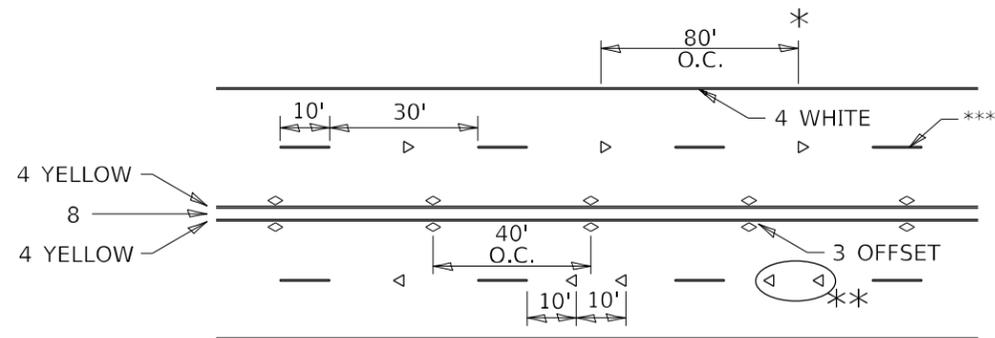
FILE NAME: pwc:\dot-pw\hertley.com:PWIDOT\Documents\DOT Offices\District 2\Projects\P204813\CADD\Drawings\204813-shd-details.dgn	USER NAME = anikneyde	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD			F.A.P. RTE. 505	SECTION 110T	COUNTY STEPHENSON	TOTAL SHEETS 99	SHEET NO. 78
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - 3-05-12		SCALE:	SHEET 2	OF 3	SHEETS	STA.	TO STA.	CONTRACT NO. 64J63	
	PLOT DATE = Oct-06-2021 01:43:34 PM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							
TYPICAL PAVEMENT MARKINGS SHEET 2 OF 3 41.1												

TYPICAL PAVEMENT MARKINGS



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

MULTI-LANE / DIVIDED



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

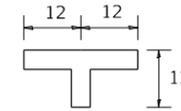
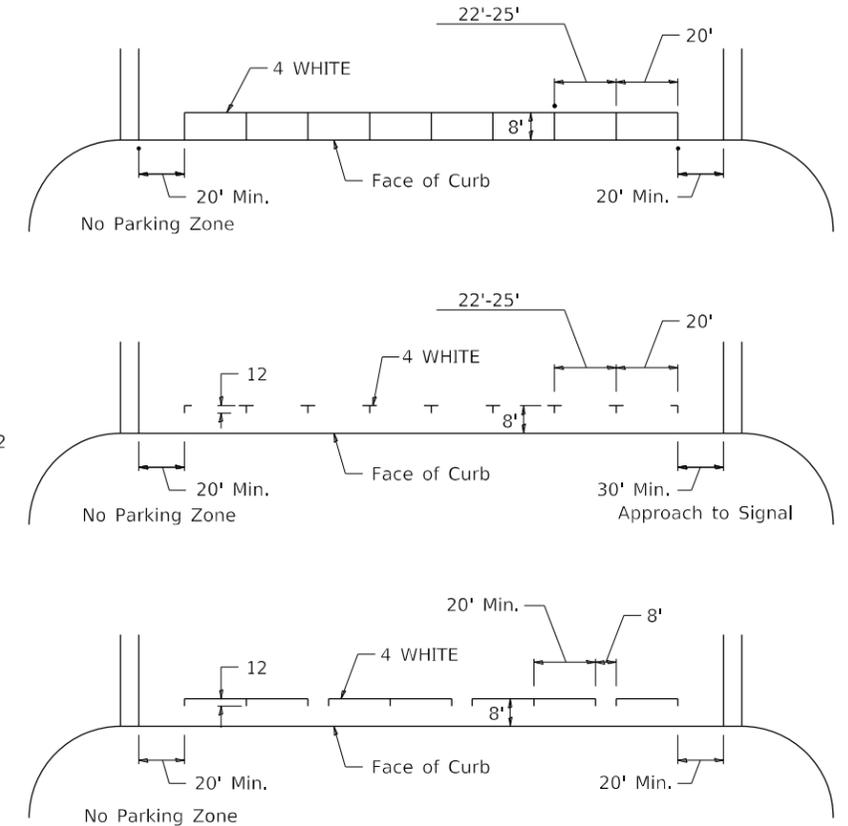
** USE DOUBLE MARKERS WHEN ADT \geq 20,000

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

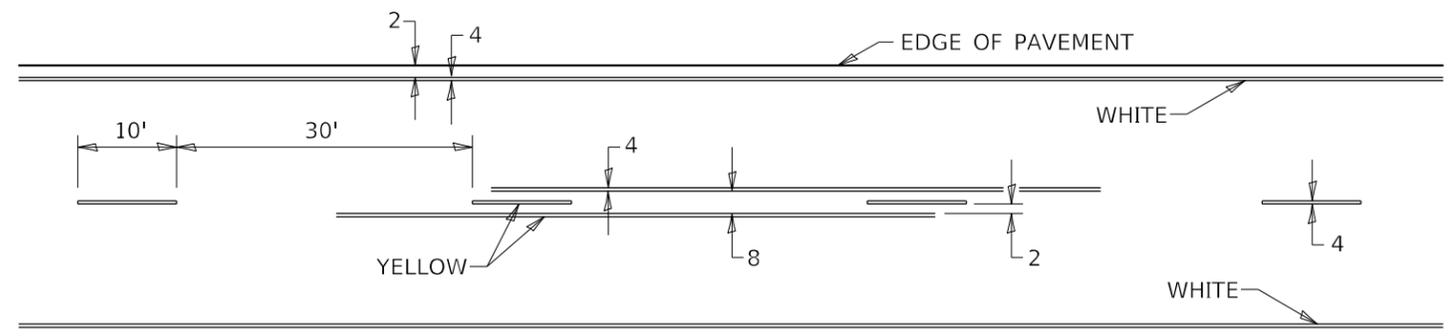
MULTI-LANE / UNDIVIDED & ONE WAY

(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



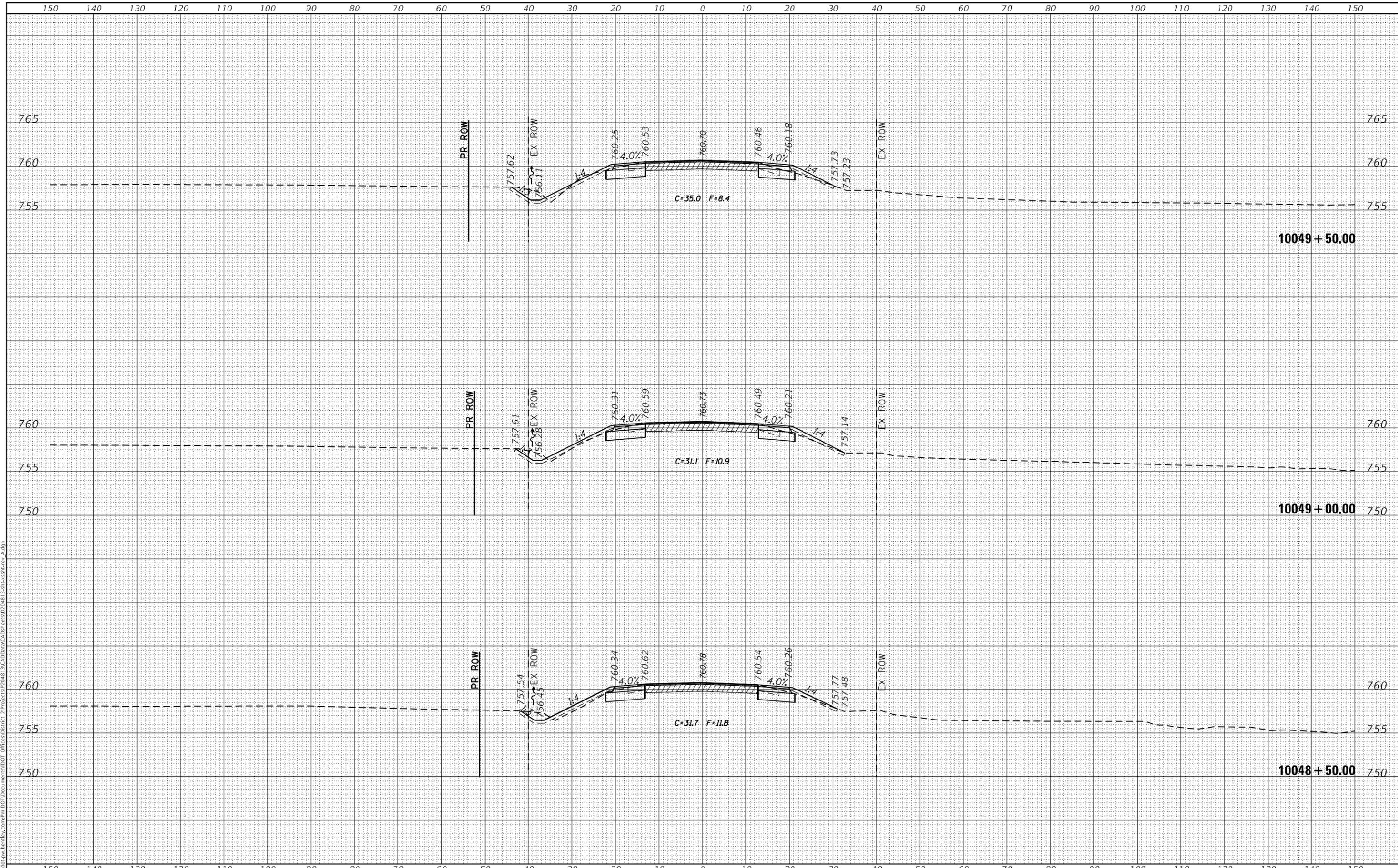
SYMBOLS

FILE NAME: pwc:\dot-pw\hntley.com\PWIDOT\Documents\UDOT Offices\District 2\Projects\P204813\CADD\Drawings\204813-shd-details.dgn	USER NAME = ankneyde	DESIGNED -	REVISED - 6-27-14	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	REGION 2 / DISTRICT 2 STANDARD		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED - 8-27-13				505	110T	STEPHENSON	99	79
PLOT DATE = Oct-06-2021 01:43:34 PM	DATE -	REVISED - 11-28-12	REVISED -	SCALE:	SHEET 3 OF 3 SHEETS	STA. TO STA.	ILLINOIS FED. AID PROJECT				

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

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

MODEL: Default
 FILE NAME: D:\work\pww_bentley.com\pww\DOT Documents\DOT Office\center 2\project\204813\CAD\plan\CAD\peest\204813\alt-center_4.dgn



USER NAME = ankeynde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,000' / in.	CHECKED -	REVISED -
PLOT DATE = Oct-06-2021 02:14:47 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS IL 75

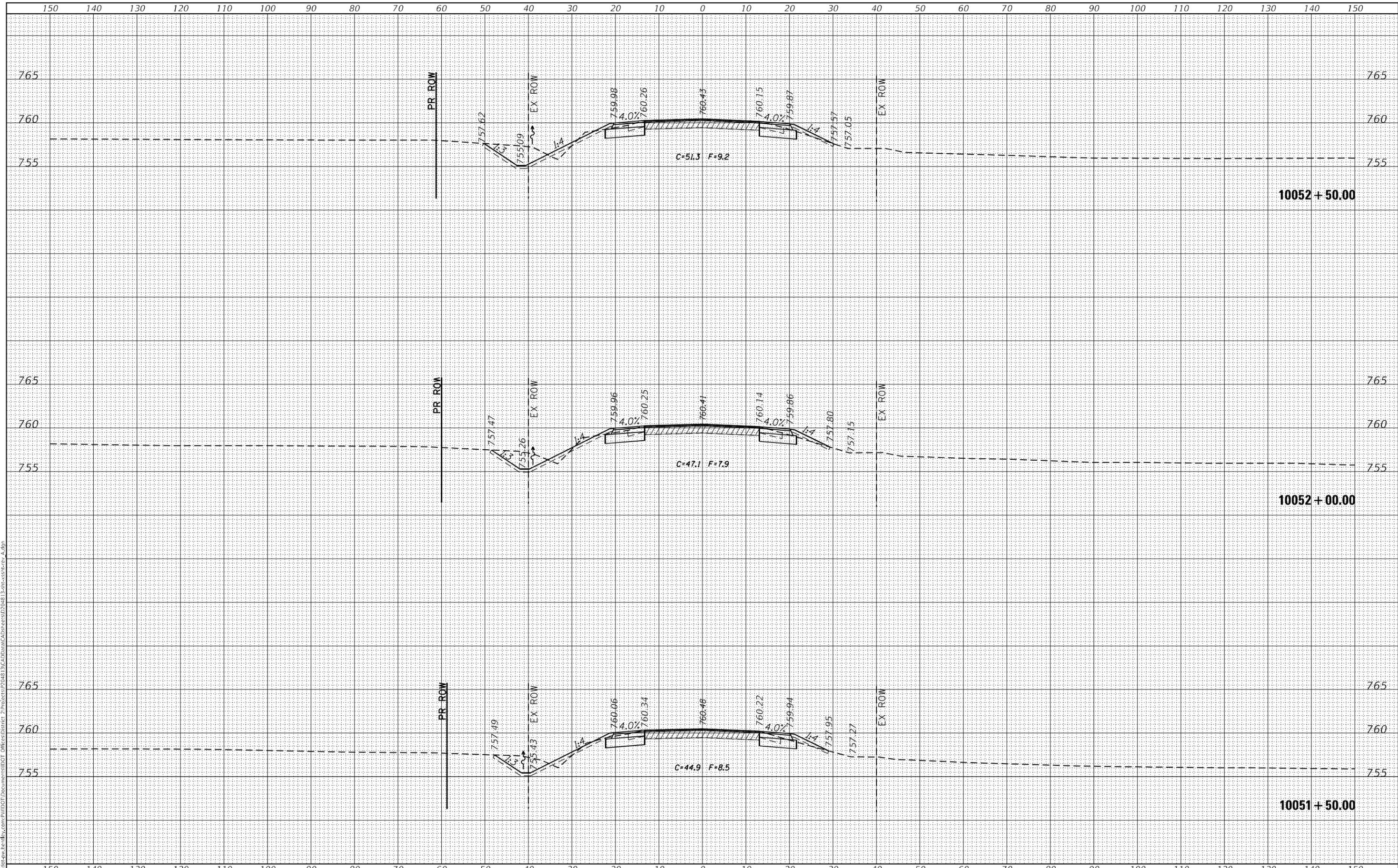
SCALE: SHEET OF SHEETS STA. 10048+50.00 TO STA. 10049+50.00

F.A.P. RTE. 505	SECTION 110T	COUNTY STEPHENSON	TOTAL SHEETS 99	SHEET NO. 81
			CONTRACT NO. 64163	
		ILLINOIS FED. AID PROJECT		

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

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

MODEL: Default
 FILE NAME: D:\work\pww_bentley.com\pww\DOT Documents\DOT Office\center 2\project\204813\CAD\plan\CAD\psect\204813\alt-center_4.dgn



USER NAME = anikneyde	DESIGNED -	REVISED -
PLOT SCALE = 20,0000' / in.	DRAWN -	REVISED -
PLOT DATE = Oct-06-2021 02:14:47 PM	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS IL 75

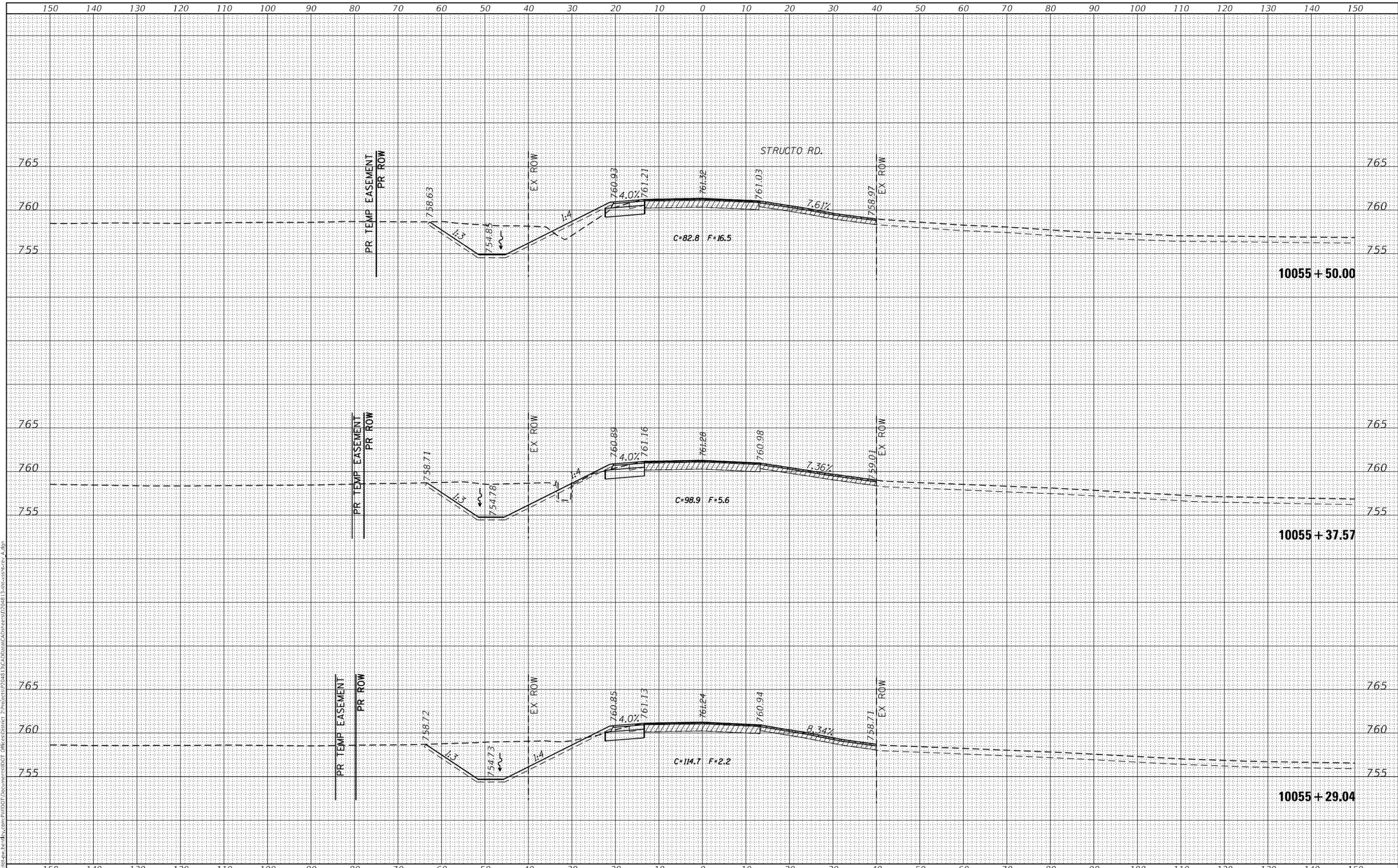
SCALE: SHEET OF SHEETS STA. 10051+50.00 TO STA. 10052+50.00

F.A.P. RTE. 505	SECTION 110T	COUNTY STEPHENSON	TOTAL SHEETS 99	SHEET NO. 83
			CONTRACT NO. 64163	
		ILLINOIS FED. AID PROJECT		

DATE	
BY	
SURVEYED	
FLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
FLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

MODEL: Default
 FILE NAME: D:\work\pww_bentley.com\pww\DOT Documents\DOT Office\center 2\project\294813\CAD\plan\CAD\psect\10055+29.04\13-shl-cross-sect.dgn



USER NAME = anikneyde	DESIGNED -	REVISED -
PLOT SCALE = 20,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = Oct-06-2021 02:14:49 PM	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS IL 75

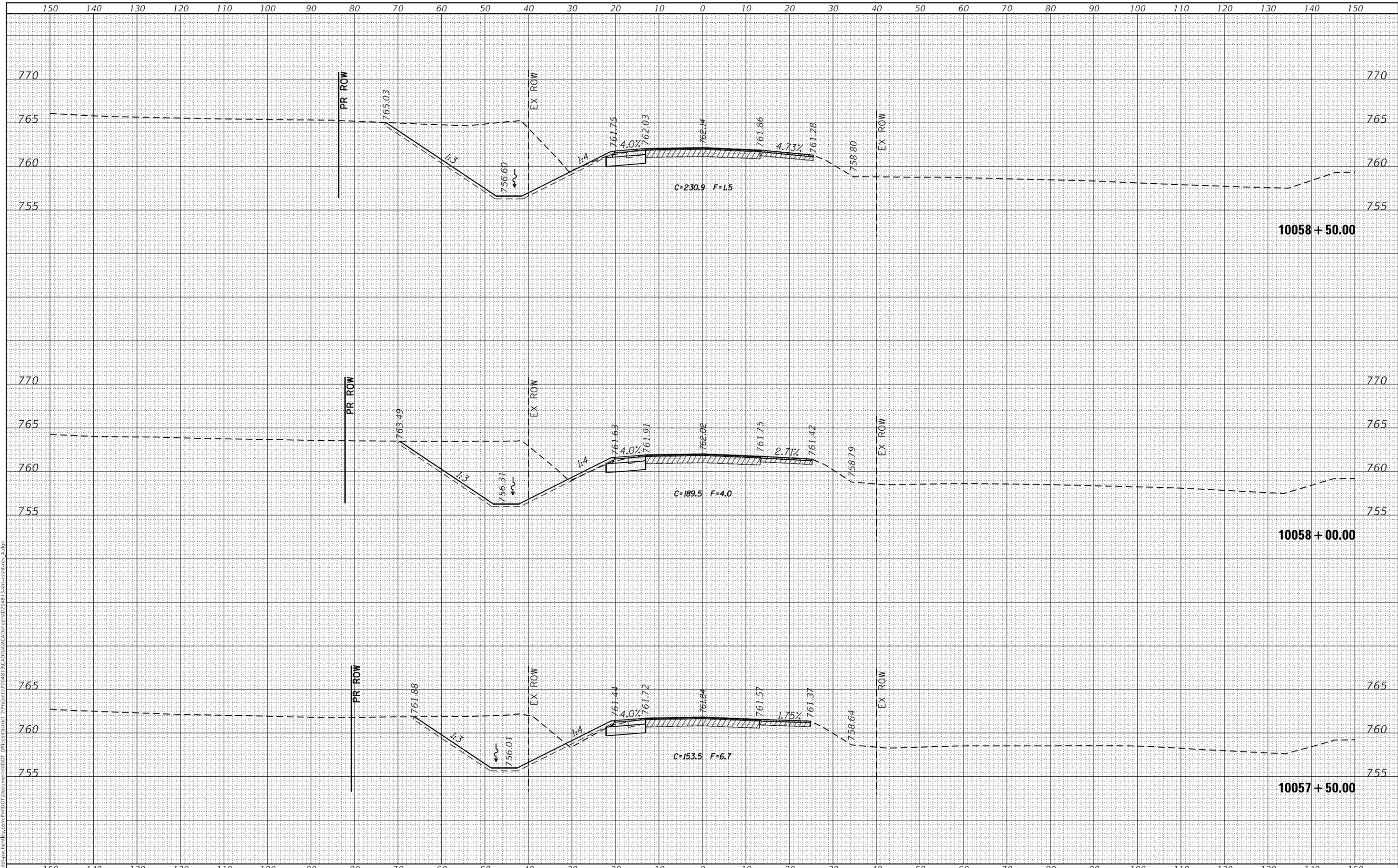
SCALE: SHEET OF SHEETS STA. 10055+29.04 TO STA. 10055+50.00

F.A.P. RTE. 505	SECTION 110T	COUNTY STEPHENSON	TOTAL SHEETS 99	SHEET NO. 86
CONTRACT NO. 64163			ILLINOIS FED. AID PROJECT	

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

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

MODEL: Default
 FILE NAME: D:\work\pww_bentley.com\pww\DOT Documents\DOT Office\center 2\project\204813\CAD\plan\CAD\peest\204813\alt-center_4.dgn



USER NAME = ankneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = Oct-06-2021 02:14:30 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS IL 75

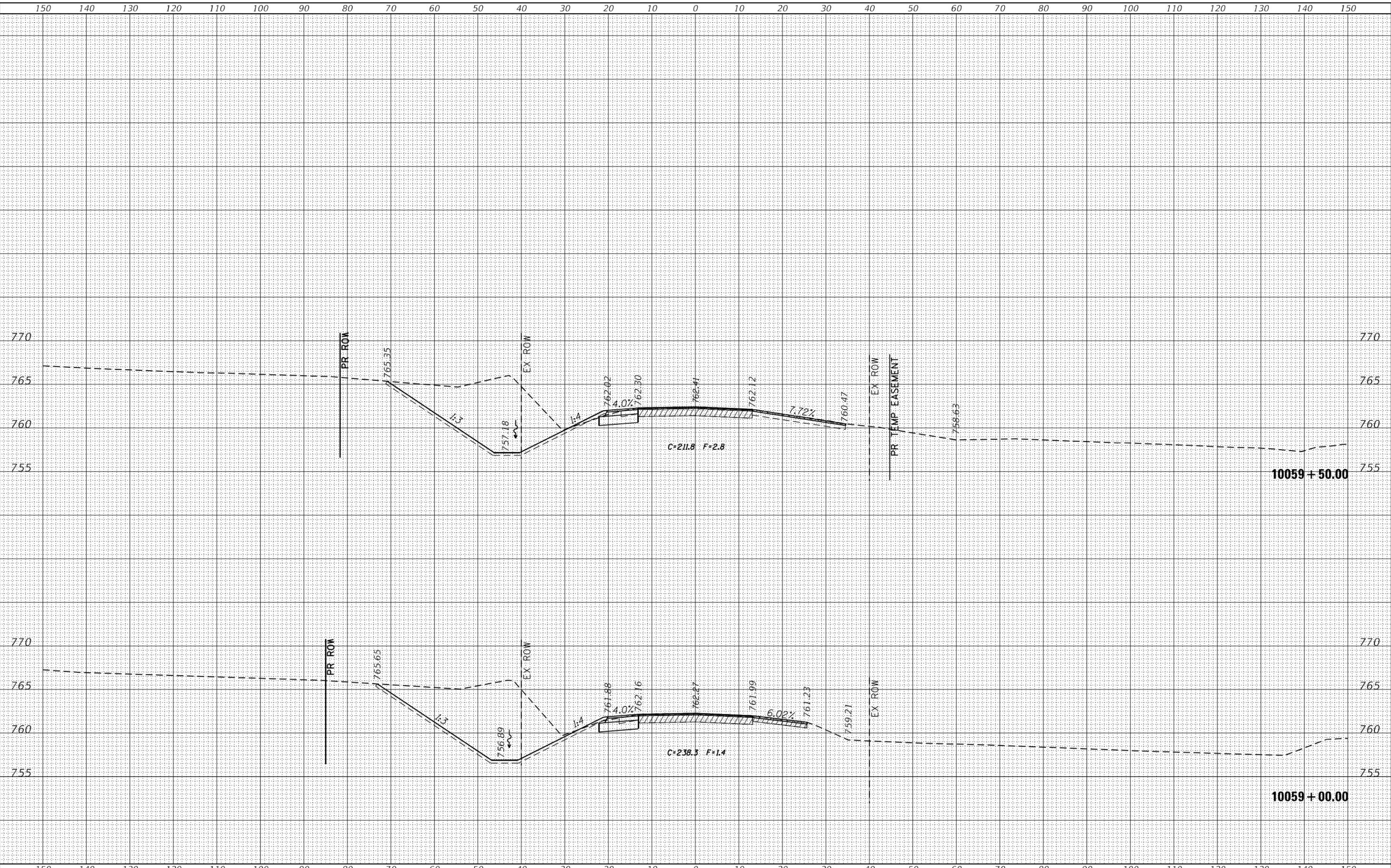
SCALE: SHEET OF SHEETS STA. 10057+50.00 TO STA. 10058+50.00

F.A.P. RTE. 505	SECTION 110T	COUNTY STEPHENSON	TOTAL SHEETS 99	SHEET NO. 88
			CONTRACT NO. 64163	
		ILLINOIS FED. AID PROJECT		

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

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

MODEL: Default
 FILE NAME: D:\work\pww_bentley.com\pww\DOT Documents\DOT Office\center 2\project\204813\CAD\plan\CAD\sheet\204813\sheet-center_4.dgn



USER NAME = ankneyde
DESIGNED -
DRAWN -
PLOT SCALE = 20,0000 * / in.
PLOT DATE = Oct-06-2021 02:14:50 PM

DESIGNED -
DRAWN -
CHECKED -
DATE -

REVISED -
REVISED -
REVISED -
REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

SCALE: SHEET OF SHEETS STA. 10059+00.00 TO STA. 10059+50.00

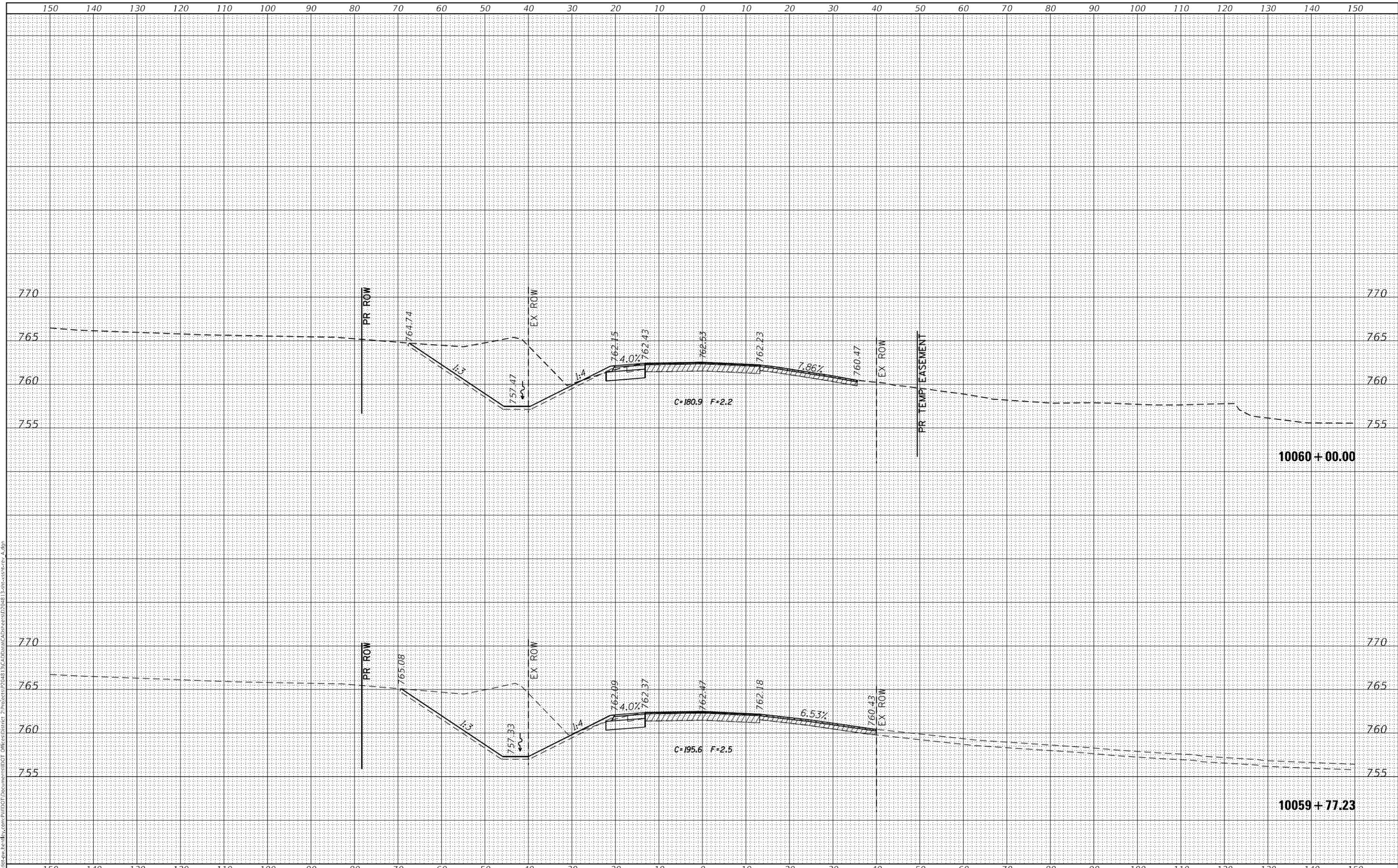
CROSS SECTIONS IL 75

F.A.P. RTE. 505	SECTION 110T	COUNTY STEPHENSON	TOTAL SHEETS 99	SHEET NO. 89
			CONTRACT NO. 64163	
ILLINOIS FED. AID PROJECT				

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

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

MODEL: Default
FILE NAME: D:\work\pww_bentley.com\pww\DOT Documents\DOT Office\center 2\project\204813\CD\plan\CD\peest\204813\alt-center_4.dgn



USER NAME = ankneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = Oct-06-2021 02:14:50 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS IL 75

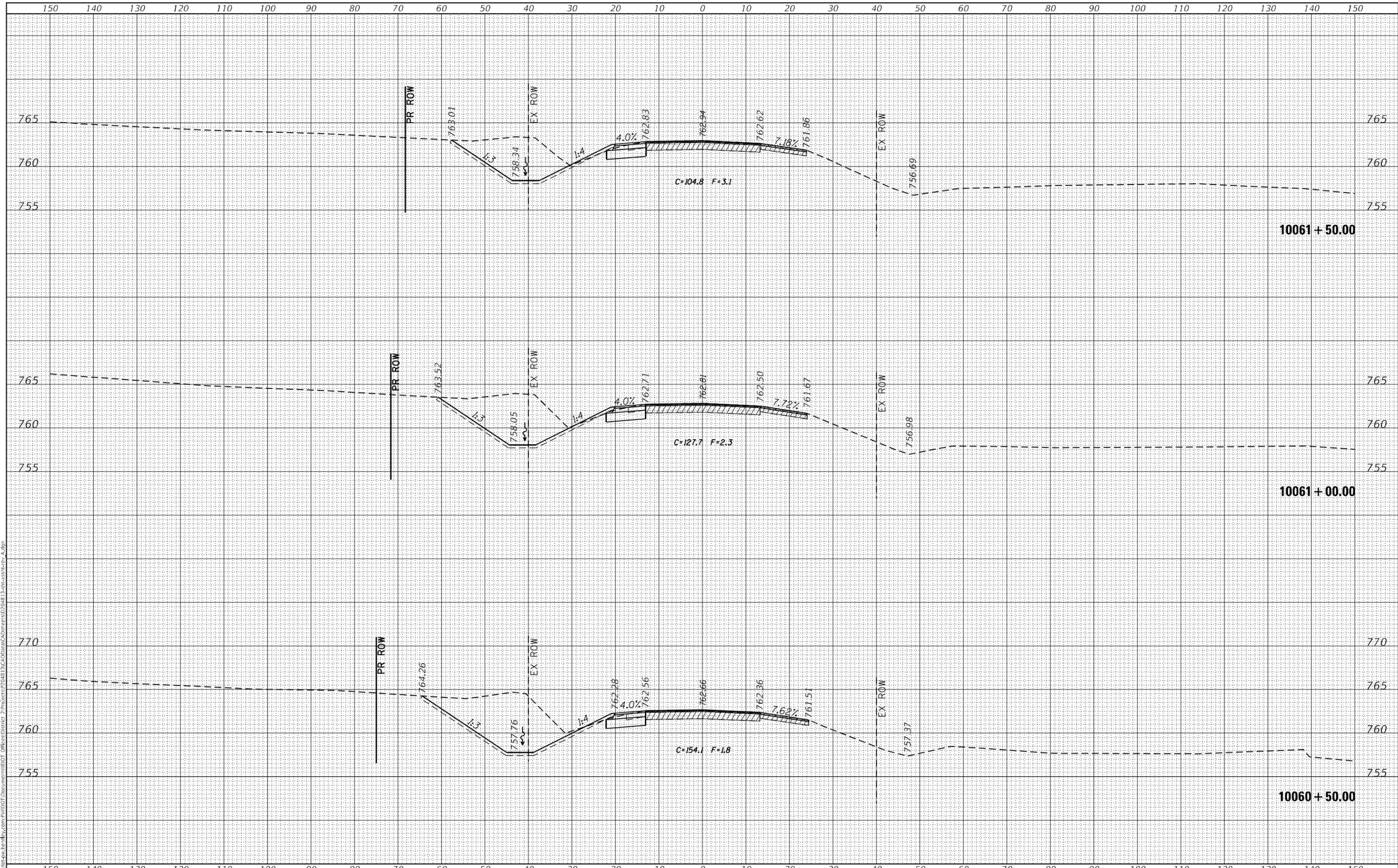
SCALE: SHEET OF SHEETS STA. 10059+77.23 TO STA. 10060+00.00

F.A.P. RTE. 505	SECTION 110T	COUNTY STEPHENSON	TOTAL SHEETS 99	SHEET NO. 90
			CONTRACT NO. 64163	
		ILLINOIS FED. AID PROJECT		

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

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

MODEL: Default
 FILE NAME: D:\work\pww_bentley.com\pwwdot\Documents\DOT Office\center 2\project\204813\CAD\plan\CAD\psect\10061\3\sect-center_4.dgn



USER NAME = anikneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = Oct-06-2021 02:14:51 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS IL 75

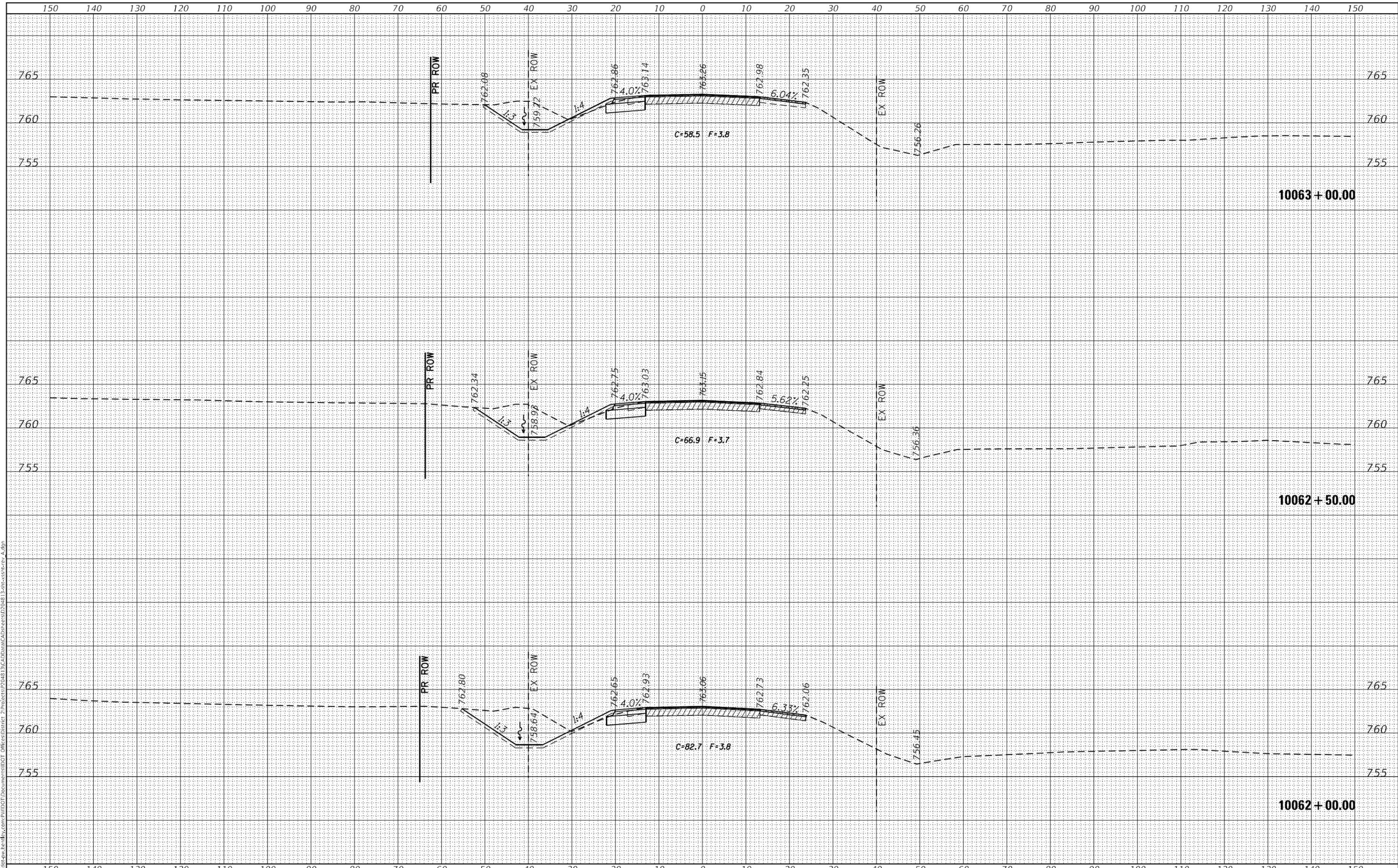
SCALE: SHEET OF SHEETS STA. 10060+50.00 TO STA. 10061+50.00

F.A.P. RTE. 505	SECTION 110T	COUNTY STEPHENSON	TOTAL SHEETS 99	SHEET NO. 91
			CONTRACT NO. 64163	
		ILLINOIS FED. AID PROJECT		

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

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

MODEL: Default
 FILE NAME: D:\Illinois\pww\ben\by.com\PIV\DOT\Documents\110T\110T13\CAD\Draw\CAD\Sheet\110T13\sheet-center.rvt.dgn



USER NAME = anikneyde	DESIGNED -	REVISED -
PLOT SCALE = 20,0000 * / in.	DRAWN -	REVISED -
PLOT DATE = Oct-06-2021 02:14:51 PM	CHECKED -	REVISED -
	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

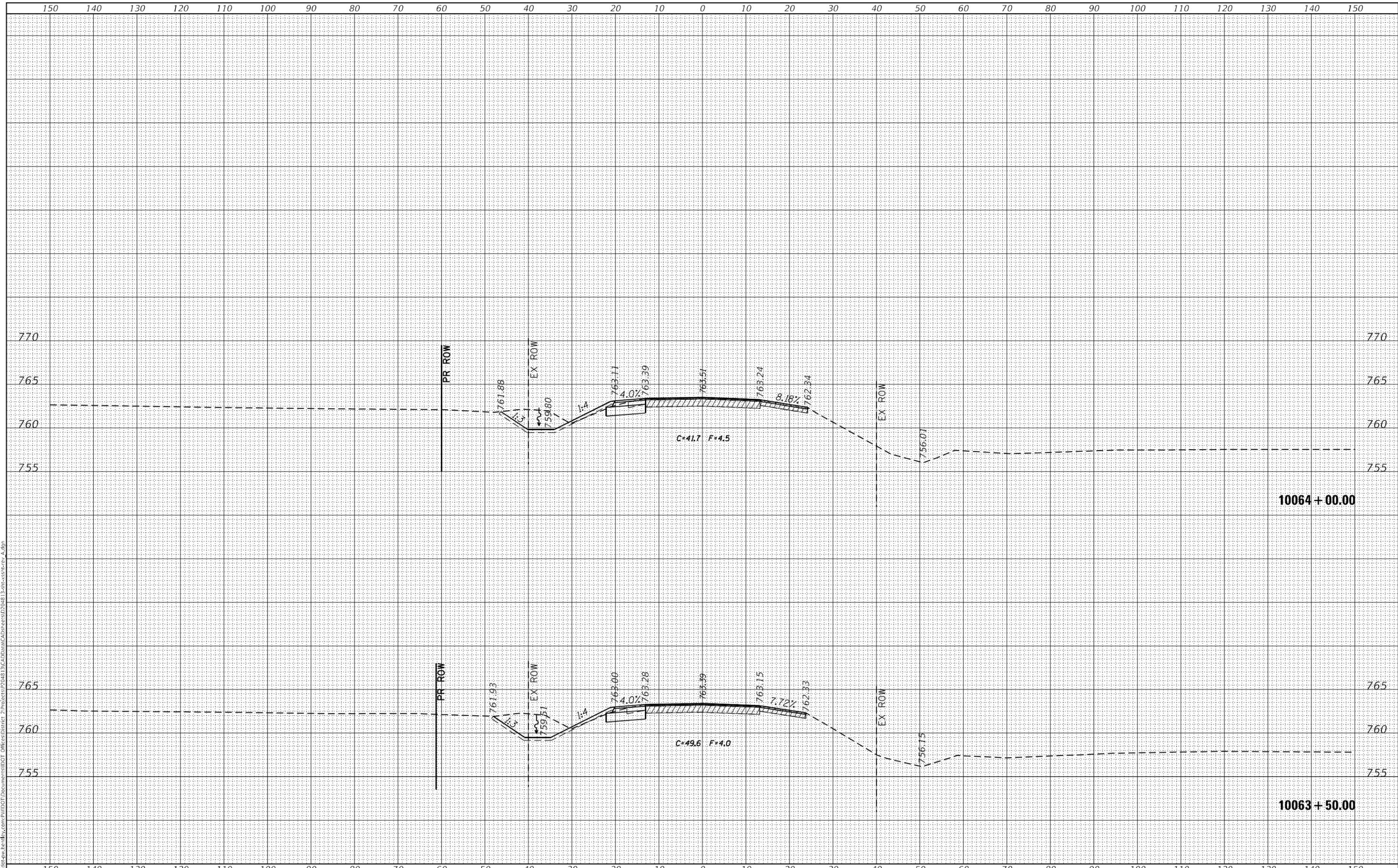
SCALE:	SHEET	OF	SHEETS	STA. 10062+00.00	TO STA. 10063+00.00
--------	-------	----	--------	------------------	---------------------

F.A.P. RTE. 505	SECTION 110T	COUNTY STEPHENSON	TOTAL SHEETS 99	SHEET NO. 92
				CONTRACT NO. 64163
ILLINOIS FED. AID PROJECT				

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

ORIGINAL SURVEY NO.	SURVEYED	DATE
	FLOTTED	
	TEMPLATE	
	AREAS CHECKED	

MODEL: Default
 FILE NAME: D:\work\pww_bentley.com\pww\DOT Documents\DOT Office\center 2\project\204813\CAD\plan\CAD\psect\204813\sect-center_4.dgn



USER NAME = ankneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,0000 * / in.	CHECKED -	REVISED -
PLOT DATE = Oct-06-2021 02:14:52 PM	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS IL 75

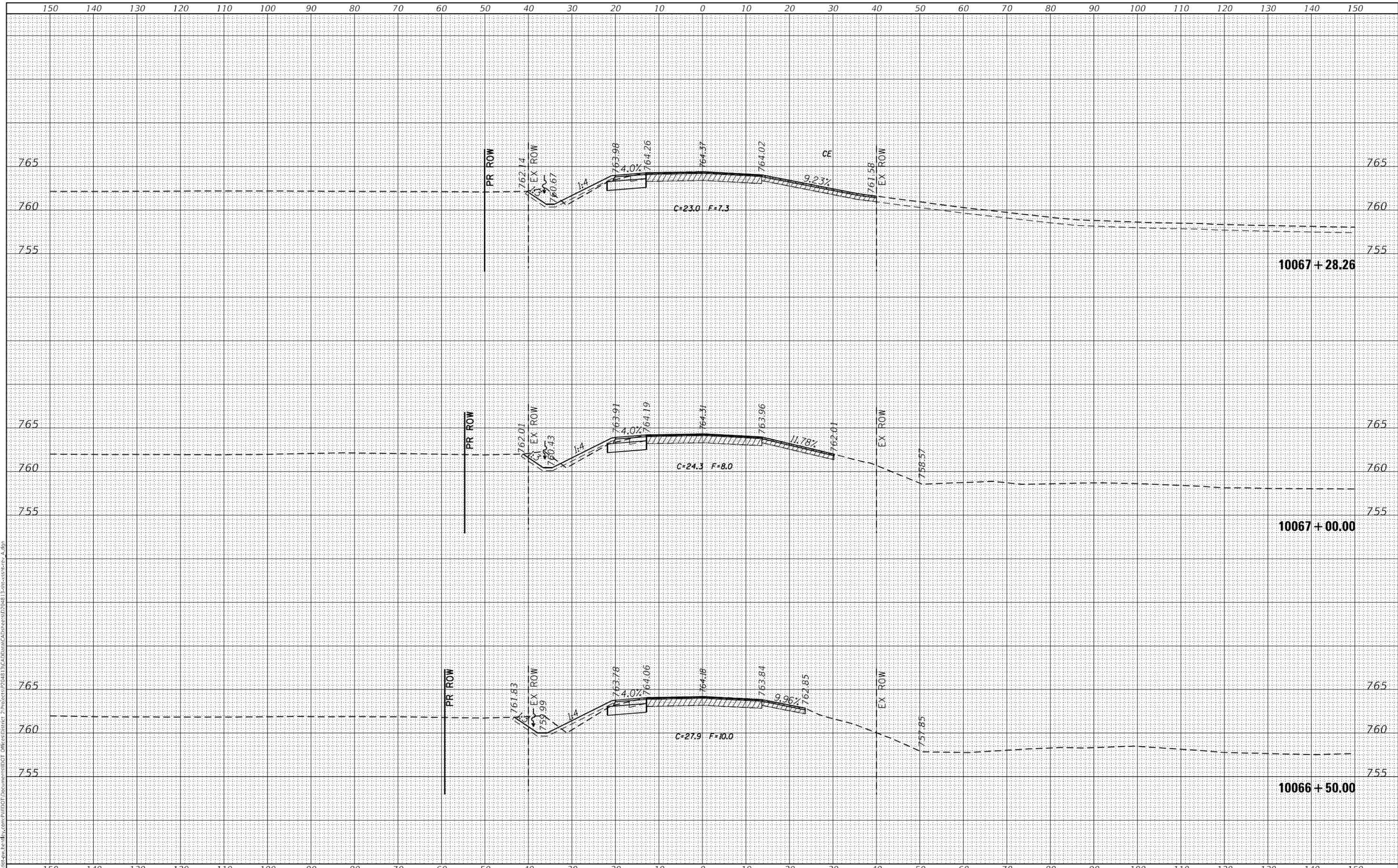
SCALE: SHEET OF SHEETS STA. 10063+50.00 TO STA. 10064+00.00

F.A.P. RTE. 505	SECTION 110T	COUNTY STEPHENSON	TOTAL SHEETS 99	SHEET NO. 93
			CONTRACT NO. 64163	
		ILLINOIS FED. AID PROJECT		

DATE	
BY	
SURVEYED	
FLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
FLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

MODEL: Default
 FILE NAME: D:\work\pww_bentley.com\pww\DOT Documents\DOT Office\center 2\project\204813\CAD\plan\CAD\peest\204813\alt-center_4.dgn



USER NAME = anikneyde	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 20,000 * / in.	CHECKED -	REVISED -
PLOT DATE = Oct-06-2021 02:14:33 PM	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS IL 75
 SCALE: SHEET OF SHEETS STA. 10066+50.00 TO STA. 10067+28.26

F.A.P. RTE. 505	SECTION 110T	COUNTY STEPHENSON	TOTAL SHEETS 99	SHEET NO. 97
			CONTRACT NO. 64163	
		ILLINOIS FED. AID PROJECT		

