

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(5&107)RS-2	VARIOUS	37	1
ILLINOIS CONTRACT NO. 66D55				

INDEX OF SHEETS

1	COVER SHEET
2	GENERAL NOTES
3-7	SUMMARY OF QUANTITIES
8-9	TYPICAL SECTIONS
10	PERMANENT SURVEY MARKERS TABLE
11-14	SCHEDULE OF QUANTITIES
15	LINE DIAGRAM
16-22	ALIGNMENT
23-29	CULVERT DETAILS
30-35	DETAILS
36-37	PAVEMENT MARKING DETAILS

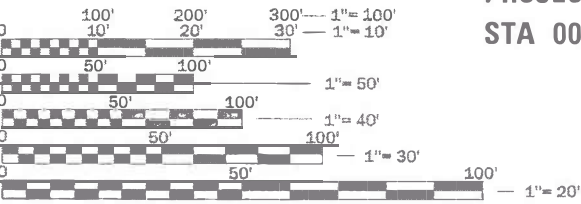
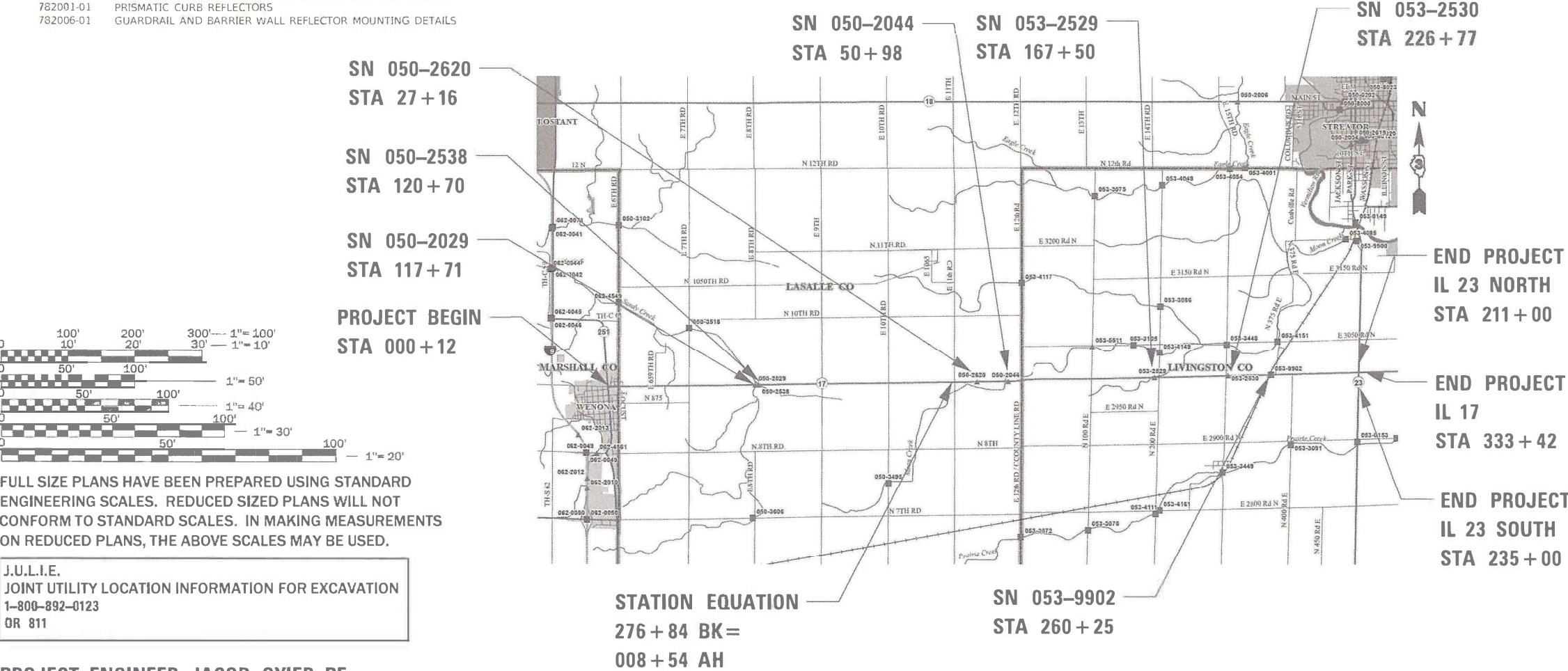
LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001006	DECIMAL OF AN INCH AND OF A FOOT
406201-01	MAILBOX TURNOUT
442201-03	CLASS C AND D PATCHES
542311-07	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION
630001-12	STEEL PLATE BEAM GUARDRAIL
635001-02	DELINEATORS
667101-02	PERMANENT SURVEY MARKERS
701001-02	OFF-ROAD OPERATIONS 2L 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-ROAD OPERATIONS 2L 2W, 15' (4.5 m) TO 24' (600 mm) FROM PAVEMENT EDGE
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEEDS \geq 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701901-08	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKINGS
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782001-01	PRISMATIC CURB REFLECTORS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS

**PROPOSED
HIGHWAY PLANS**

FAP ROUTE 649 (IL 17)
SECTION (5&107)RS-2
PROJECT STP-CU1Y(008)
3P MILLING & RS (DESIGN OVERLAY)
VARIOUS COUNTIES

C-93-063-14



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

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

PROJECT ENGINEER: JACOB OYIER, PE
UNIT CHIEF: STEPHENIE CARMIN
DISTRICT 3 NO. (815) 434-6131
CONTRACT NO. 66D55

GROSS LENGTH = 60160 FT. = 11.39 MILE
NET LENGTH = 60160 FT. = 11.39 MILE



FUNCTIONAL CLASSIFICATION
RURAL MINOR ARTERIAL
2019 ADT=1750
P.V.=92.6% S.U.=3.7% M.U.=3.7%

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
SUBMITTED December 11, 2020
[Signature] REGIONAL ENGINEER
January 29, 2021
[Signature] ENGINEER OF DESIGN AND ENVIRONMENT
January 29, 2021
[Signature] DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

GENERAL NOTES

THE THICKNESS OF HMA SHOWN ON THE PLANS IS THE NOMINAL THICKNESS. DEVIATIONS FROM THE NOMINAL THICKNESS WILL BE PERMITTED WHEN SUCH DEVIATIONS OCCUR DUE TO IRREGULARITIES IN THE EXISTING SURFACE OR BASE ON WHICH THE HMA IS PLACED.

THE ENGINEER WILL BE THE SOLE JUDGE CONCERNING CURING TIME FOR THE VARIOUS HMA LIFTS.

ON EXISTING PAVEMENT WHICH MAY BE SUPERELEVATED, THE NEW HMA PAVEMENT SHALL BE BUILT WITH THE SAME SUPERELEVATION UNLESS NEW SUPERELEVATION RATES ARE GIVEN ON THE PLANS.

ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE SUBNUMBER SHOWN IN THE LIST OF STANDARDS OR THE COPY INCLUDED IN THESE PLANS.

THE FOLLOWING RATES OF APPLICATION HAVE BEEN USED IN CALCULATING PLAN QUANTITIES:

GRANULAR MATERIALS	2.05	TONS / CU YD
HMA RESURFACING	112	LBS / SQ YD / IN
SHORT TERM PAVEMENT MARKING	10	FT /100 FT OF APPLICATION
MIX FOR CRACKS, JTS & FLGWYS	0.0003	TONS / SQ YD
BINDER (HAND METHOD)	0.0005	M TONS / SQ M

ALL DAMAGE TO DEPARTMENT OWNED UNDERGROUND FACILITIES, CAUSED BY THE CONTRACTOR SHALL BE REPAIRED TO THE SATISFACTION OF THE DEPARTMENT AT THE CONTRACTOR'S EXPENSE. THIS SHALL INCLUDE ALL TEMPORARY REPAIRS REQUIRED TO KEEP THE FACILITY OPERATIONAL WHILE MATERIAL IS BEING OBTAINED TO MAKE PERMANENT REPAIRS. SPlicing OF ELECTRIC CABLE WILL NOT BE ALLOWED. ELECTRIC CABLE SHALL BE REPLACED FROM POLE TO POLE OR CONTROLLER.

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE:

COMMITMENTS

HMA MIXTURE REQUIREMENT TABLE			
LOCATION(S):	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA SURFACE	HMA BINDER	INCIDENTAL HMA
BINDER GRADE (PG):	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION:	IL 9.5	IL 9.5	IL 9.5
(MIXTURE GRADATION)			
FRICTION AGGREGATE:	MIXTURE C		MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QCP	QCP	QC/QA
SUBLOT SIZE:	1000 TONS	1000 TONS	N/A
DENSITY TEST METHOD:	CORES	CORES	SATISFACTION OF THE ENGINEER

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE
AS BUILT INFORMATION

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DISTRICT THREE

SUPERVISING CONSTRUCTION FIELD ENGINEER

PREPARED BY: _____
DISTRICT STUDIES & PLANS ENGINEER

RESIDENT ENGINEER / TECHNICIAN

DATE: _____

START & END DATES
OF CONSTRUCTION:

INSPECTORS:

EXAMINED BY: _____
DISTRICT CONSTRUCTION ENGINEER

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

FILE NAME = pwc:\planroom\dotillinois.gov\PWIDOT\Documents\IDOT Offices\District 3\Projects\D366D55\CADDData\D366D55-shkcover.dgn Default	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	GENERAL NOTES					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -	649							(5&107)RS-2	VARIOUS	37	2	
	CHECKED -	REVISED -	CONTRACT NO. 66D55											
	DATE -	REVISED -	ILLINOIS FED. AID PROJECT											
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				

MODEL Default
FILE Name: p:\publanroom.datalinks\gov\PI\DOT\Documents\DOT Office\District 3\projects\0366D55\CADD\data\0366D55-sht-500.dgn

				CONSTRUCTION CODE		
				FUND TYPE STPR MARSHALL CTY	FUND TYPE STPR LASALLE CTY	FUND TYPE STPR LIVINGSTON CTY
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005
				RURAL	RURAL	RURAL
20200100	EARTH EXCAVATION	CU YD	37		37	
20400800	FURNISHED EXCAVATION	CU YD	145.8			145.8
20700220	POROUS GRANULAR EMBANKMENT	CU YD	114		57	57
20800150	TRENCH BACKFILL	CU YD	1		1	
21400100	GRADING AND SHAPING DITCHES	FOOT	1755		1655	100
28100107	STONE RIPRAP, CLASS A4	SQ YD	319		236	83
28200200	FILTER FABRIC	SQ YD	37		13	24
31101200	SUBBASE GRANULAR MATERIAL, TYPE B 4"	SQ YD	4		2	2
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	121596	2873	59299	59424
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	53	1.2	25.8	26
40600900	HOT-MIX ASPHALT BINDER COURSE (HAND METHOD), N50	TON	88.3	2	42.9	43.4
40600990	TEMPORARY RAMP	SQ YD	1120	224	282	614
40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	19761	447	9611	9703
40604050	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "C", N50	TON	17291	391	8410	8490

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(5&107)RS-2	VARIOUS	37	3
CONTRACT NO. 66D55				
ILLINOIS FED. AID PROJECT				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITY

USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/11/2020	DATE -	REVISED -

MODEL Default
FILE Name: p:\publanroom.datalinks.gov\PI\DOT\Documents\DOT Office\DL\dtct_3\project\0366D55\CADD\0366D55-0ht-500.dgn

				CONSTRUCTION CODE		
				FUND TYPE STPR MARSHALL CTY	FUND TYPE STPR LASALLE CTY	FUND TYPE STPR LIVINGSTON CTY
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005
				RURAL	RURAL	RURAL
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	847	60	463	324
44000164	HOT-MIX ASPHALT SURFACE REMOVAL, 3 3/4"	SQ YD	176433	3991	85813	86629
44201819	CLASS D PATCHES, TYPE III, 14 INCH	SQ YD	19		19	
44201821	CLASS D PATCHES, TYPE IV, 14 INCH	SQ YD	32			32
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	2363	38	1233	1092
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	2		1	1
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	2			2
54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EACH	2		2	
54010402	PRECAST CONCRETE BOX CULVERTS 4' X 2'	FOOT	30			30
54010502	PRECAST CONCRETE BOX CULVERTS 5' X 2'	FOOT	30		30	
54260315	TRAVERSABLE PIPE GRATE FOR CONCRETE END SECTION	FOOT	46		24	22
59100100	GEOCOMPOSITE WALL DRAIN	SQ YD	82		44	38
61133100	FIELD TILE JUNCTION VAULTS, 2' DIA.	EACH	1		1	
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	225		225	
* 63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FOOT	100		100	

*= SPECIALTY ITEM

	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITY			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					649	(5&107)RS-2	VARIOUS	37	4
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 66D55				
	PLOT DATE = 12/11/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

MODEL Default
FILE Name: p:\publanroom.datalinks\gov\PI\DOT\Documents\DOT Office\DL\trct_3\project\0366D55\CADD\0366D55-plt-SOQ.dgn

				CONSTRUCTION CODE		
				FUND TYPE STPR MARSHALL CTY	FUND TYPE STPR LASALLE CTY	FUND TYPE STPR LIVINGSTON CTY
				ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005
				RURAL	RURAL	RURAL
*	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	4	4	
	63200310	GUARDRAIL REMOVAL	FOOT	867.8	867.8	
*	66700205	PERMANENT SURVEY MARKERS, TYPE I	EACH	16	7	8
	67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	5	2.5	2.3
	67100100	MOBILIZATION	L SUM	1	0.52	0.47
	70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	0.52	0.47
	70300100	SHORT TERM PAVEMENT MARKING	FOOT	6379	3218	3071
	70300150	SHORT TERM PAVEMENT MARKING REMOVAL	SQ FT	2125	1072	1023
	72400310	REMOVE SIGN PANEL - TYPE 1	SQ FT	5.2		5.2
*	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4	
*	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SQ FT	156		156
*	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	12748		12748
*	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FOOT	180		180
*	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FOOT	1890	230	1445

*= SPECIALTY ITEM

	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITY			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					649	(5&107)RS-2		37	5
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -					CONTRACT NO. 66D55				
	PLOT DATE = 12/11/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	

MODEL Default
FILE Name: p:\publanroom\datalinks\gov\PI\DOT\Documents\DOT Office\DL\dtct_3\project\0366D55\CADD\data\0366D55-plt-S00.dgn

				CONSTRUCTION CODE		
				FUND TYPE STPR MARSHALL CTY	FUND TYPE STPR LASALLE CTY	FUND TYPE STPR LIVINGSTON CTY
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005
				RURAL	RURAL	RURAL
* 78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FOOT	689	66	65	558
* 78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	230		68	162
* 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	245038	3842	129630	111566
* 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	29612	420	16132	13060
* 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	895	10	402	483
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8		8	
* 78200020	CURB REFLECTORS	EACH	54		18	36
78300200	RAISED REFLECTIVE PAVEMENT MARKER REMOVAL	EACH	895	10	402	483
X0327809	LINEAR DELINEATOR PANELS, 4 INCH	EACH	8		8	
X4401198	HOT-MIX ASPHALT SURFACE REMOVAL, VARIABLE DEPTH	SQ YD	5532	396	3041	2095
X5010520	REMOVE CONCRETE BOX CULVERT END SECTION	EACH	4		2	2
X5420618	PIPE CULVERTS TO BE CLEANED 18"	FOOT	40			40
X6350110	DELINEATORS (SPECIAL)	EACH	20	2	12	6
* X7200105	SIGN PANEL - TYPE 1 (SPECIAL)	SQ FT	15			15

*= SPECIALTY ITEM

	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITY					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -							649	(5&107)RS-2	VARIOUS	37	6	
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 66D55					
	PLOT DATE = 12/11/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.				
												ILLINOIS	FED. AID PROJECT		

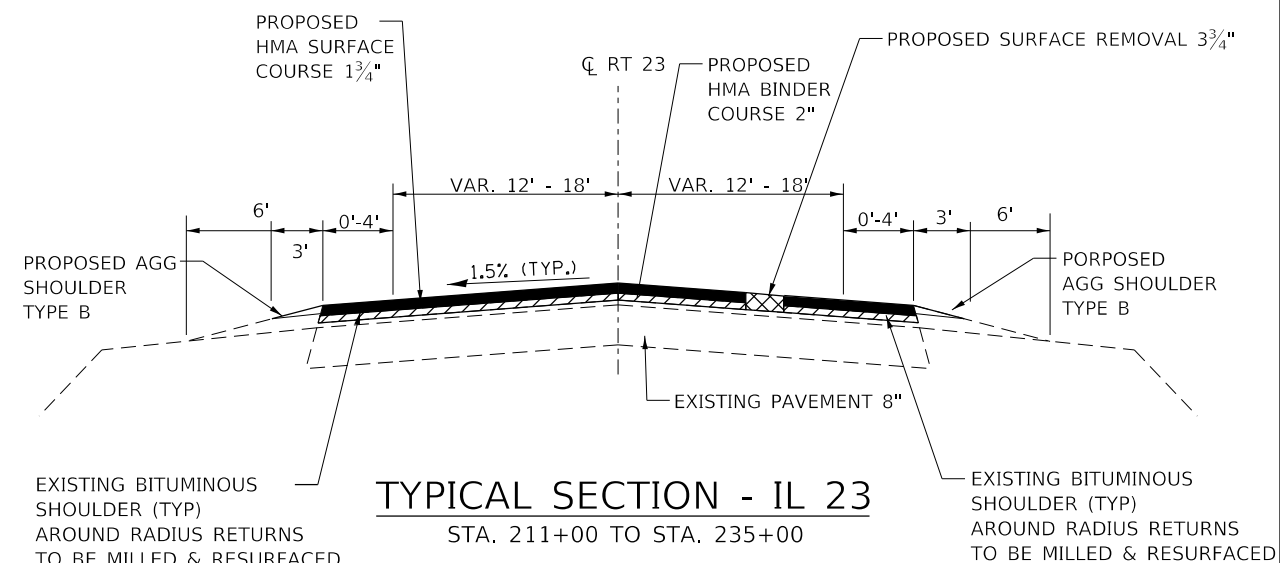
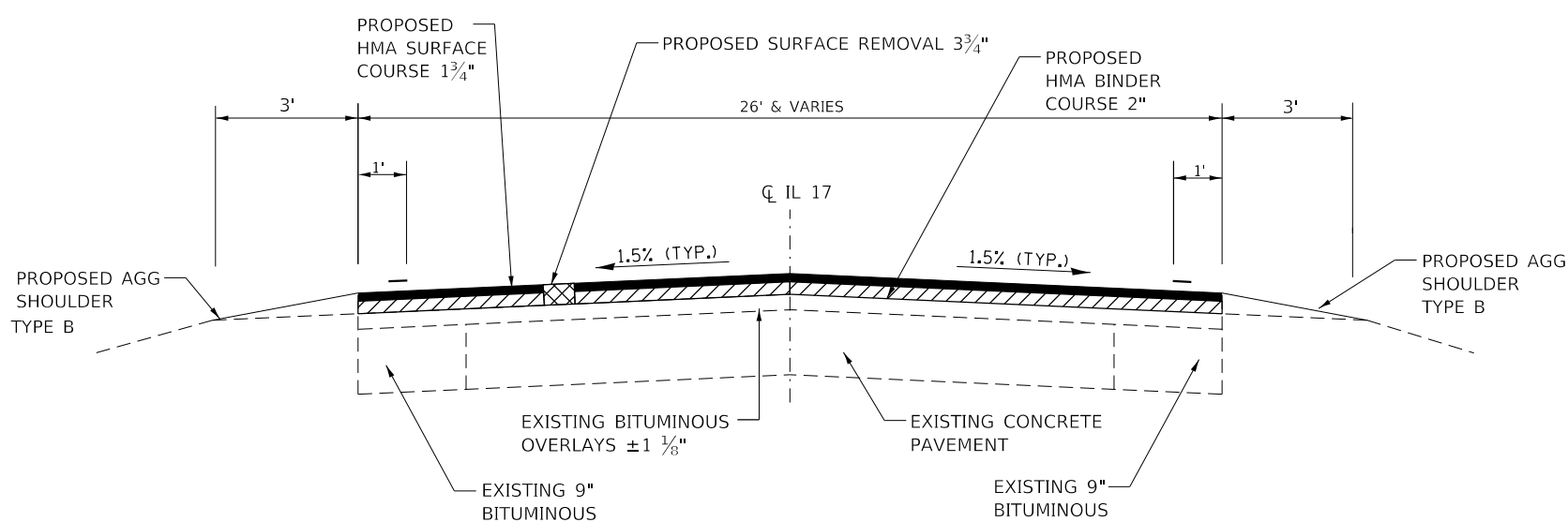
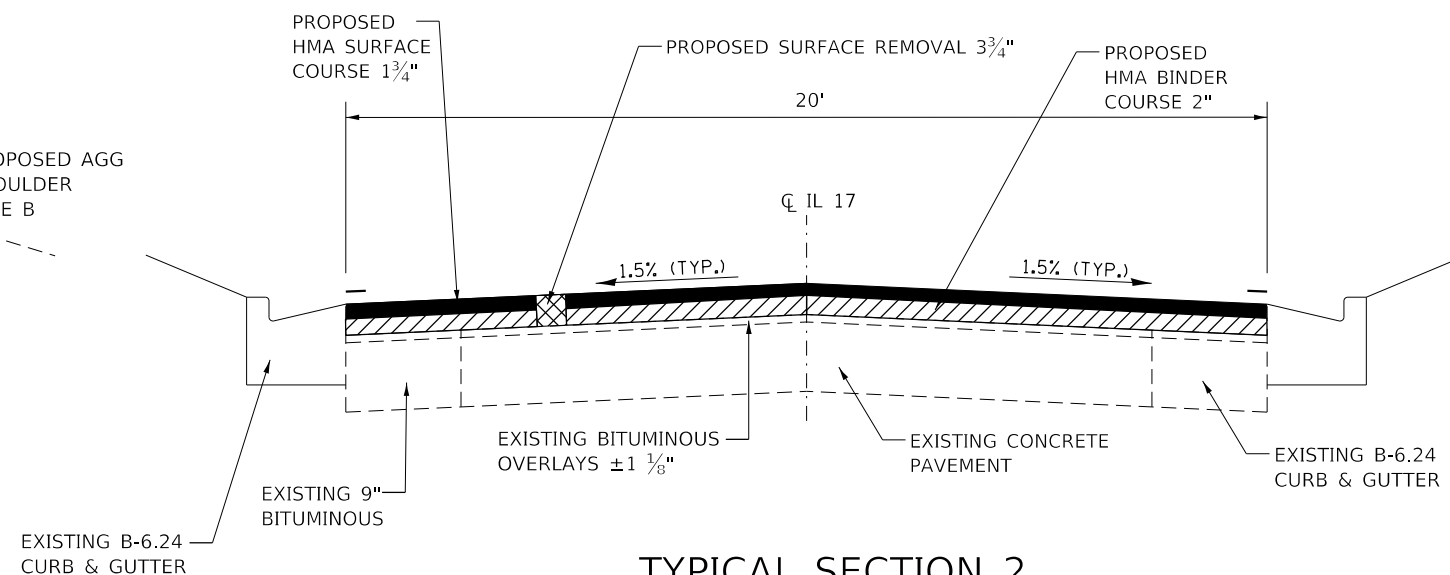
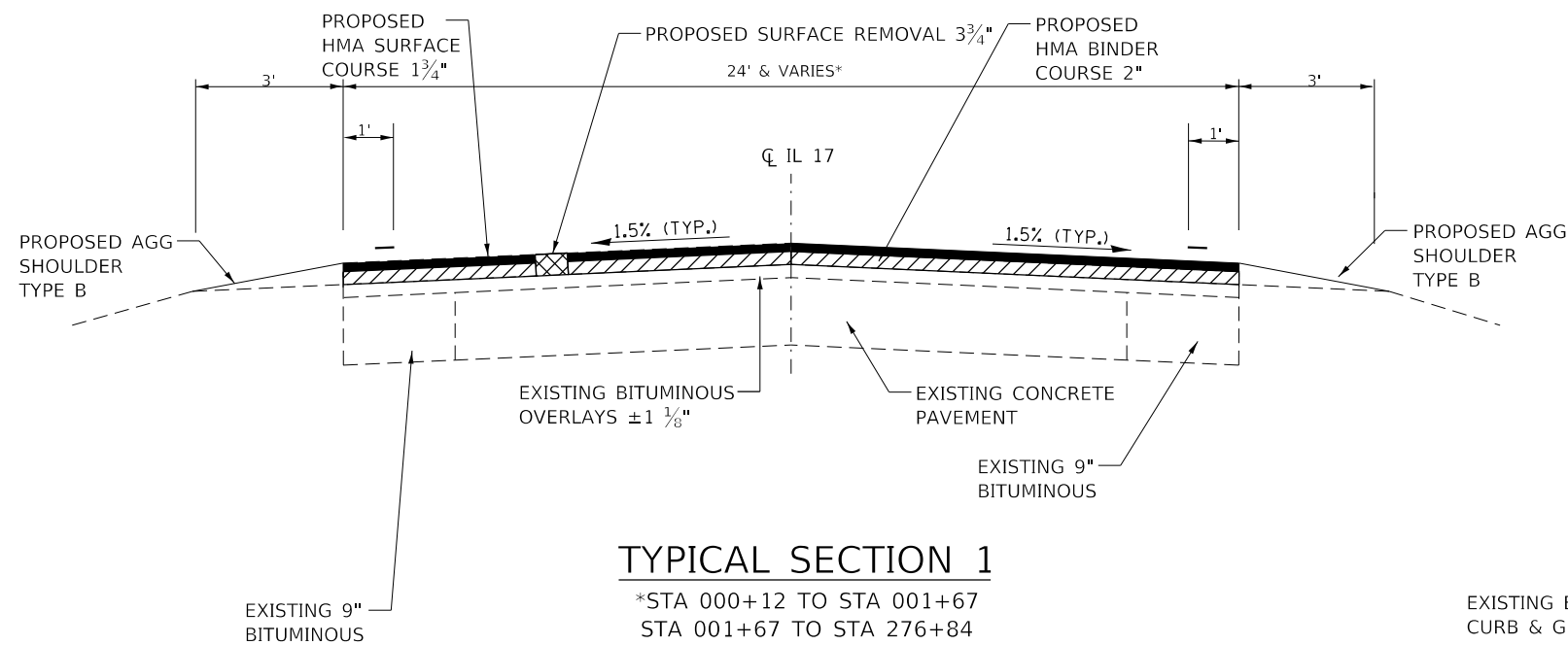
MODEL Default
FILE Name: p:\pub\lancom.d\alllinks\gov\PI\DOT\Documents\DOT Office\District 3\projects\0366D55\CADDData\0366D55-sh500.dgn

				CONSTRUCTION CODE		
				FUND TYPE STPR MARSHALL CTY	FUND TYPE STPR LASALLE CTY	FUND TYPE STPR LIVINGSTON CTY
CODE NO.	ITEM	UNIT	TOTAL QUANTITY	ROADWAY	ROADWAY	ROADWAY
				0005	0005	0005
				RURAL	RURAL	RURAL
* X7830090	GROOVING FOR RECESSED PAVEMENT MARKING 25"	FOOT	230		68	162
Z0005216	HOT-MIX ASPHALT STABILIZATION 6" AT STEEL PLATE BEAM GUARD RAIL	SQ YD	44		44	
Z0005300	BOX CULVERTS TO BE CLEANED	EACH	5	1	3	1
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42		21	21
Z0033700	LONGITUDINAL JOINT SEALANT	FOOT	62470	838	32180	29452
Ø Z0076600	TRAINEES	HOUR	1,000	1,000		
Z0034105	MATERIAL TRANSFER DEVICE	TON	37052	838	18021	18193
Ø Z0076604	TRAINEES - TRAINING PROGRAM GRADUATE	HOUR	1,000	1,000		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1			1

Ø 0042 *= SPECIALTY ITEM

80% FED
20% STATE

	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITY				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
		DRAWN -	REVISED -						649	(5&107)RS-2	VARIOUS	37	7	
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 66D55					
	PLOT DATE = 12/11/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.			
												ILLINOIS	FED. AID PROJECT	



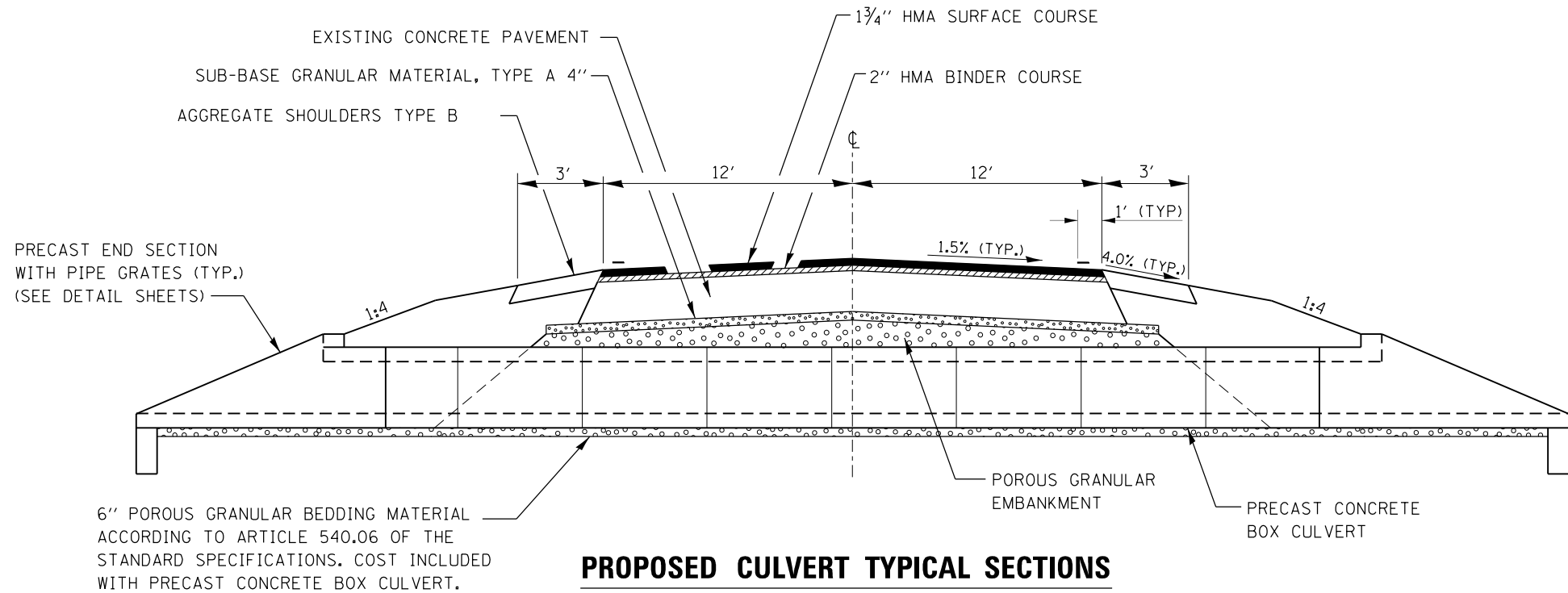
USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/11/2020	DATE -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TYPICAL SECTIONS

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(5&107)RS-2	VARIOUS	37	8
		CONTRACT NO. 66D55		
ILLINOIS		FED. AID PROJECT		



PROPOSED CULVERT TYPICAL SECTIONS

STA. 264+90 (PRECAST 4'x2' BOX CULVERT)
STA. 185+57 (PRECAST 5'X2' BOX CULVERT)

MODEL: Default
FILE: \\ntwrp-prod\planroom\dat\illinois\gov\p\WIDOT\Documents\IDOT_Offices\District 3\Projects\ID366D55\CADD\ata\ID366D55-pts\typical & psm\TABLE.dgn

	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TYPICAL SECTIONS					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							649	(5&107)RS-2	VARIOUS	37	9
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -							CONTRACT NO. 66D55				
	PLOT DATE = 12/11/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO	STA.			

PERMANENT SURVEY MARKERS						
MONUMENT REFERENCE NUMBER	DESCRIPTION	APPROXIMATE LOCATION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY
A017001	SW CORNER SECTION 18, T30N, R2E, 3RD PM	LOCUST STREET	MISSING	TYPE 1	YES	1
017004	NW CORNER SECTION 20, T30N, R2E, 3RD PM	E. 7TH RD.	BRASS PLAQUE	TYPE 1	YES	1
017006	SW CORNER SECTION 16, T30N, R2E, 3RD PM	ON SANDY CREEK BRIDGE	MISSING	TYPE 1	YES	1
017006	S QTR CORNER SECTION 16, T30N, R2E, 3RD PM	1/2 MILE EAST OF SANDY CREEK BRIDGE	BRASS PLAQUE	TYPE 1	YES	1
017008	SW CORNER SECTION 15, T30N, R2E, 3RD PM	E. 9TH RD.	BRASS PLAQUE	TYPE 1	YES	1
017010	NW CORNER SECTION 23, T30N, R2E, 3RD PM	E. 10TH RD.	BRASS PLAQUE	TYPE 1	YES	1
017012	SE CORNER SECTION 14, T30N, R2E, 3RD PM	E. 11TH RD.	BRASS PLAQUE	TYPE 1	YES	1
017969	PC STA 52+05.55, FAP 649, SEC (107)BR	110 FEET +/- EAST OF CENTER OF EXISTING STRUCTURE 050-2044	BRASS PLAQUE	TYPE 1	NO	1
017016	S QTR CORNER SECTION 18, T30N, R3E, 3RD PM	1/2 MILE E. OF LASALLE / LIVINGSTON COUNTY LINE	MISSING	MAG NAIL	NO	2
017017	SE CORNER SECTION 18, T30N, R3E, 3RD PM	100 E. RD.	BRASS PLAQUE	TYPE 1	YES	1
017019	SW CORNER SECTION 16, T30N, R3E, 3RD PM	200 E. RD.	BRASS PLAQUE	TYPE 1	YES	1
017020	S QTR CORNER SECTION 16, T30N, R3E, 3RD PM	1/2 MI. E. OF 200 E. RD.	BRASS PLAQUE	TYPE 1	YES	1
A017021	SW CORNER SECTION 15, T30N, R3E, 3RD PM	300 E. RD.	BRASS PLAQUE	TYPE 1	YES	1
017022	S QTR CORNER SECTION 15, T30N, R3E, 3RD PM	1/2 MI. E. OF 300 E. RD.	BRASS PLAQUE	TYPE 1	YES	1
017024	SW CORNER SECTION 14, T30N, R3E, 3RD PM	400 E. RD.	BRASS PLAQUE	TYPE 1	YES	1
017025	S QTR CORNER SECTION 15, T30N, R3E, 3RD PM	1/2 MI. E. OF 400 E. RD.	BRASS PLAQUE	TYPE 1	YES	1
017026	SE CORNER SECTION 14, T30N, R3E, 3RD PM	INTERSECTION OF ILL. RTE. 17 AND ILL. RTE. 23	BRASS PLAQUE	TYPE 1	YES	1

*** RE WILL INFORM PLATS AND PLANS OF THE ANTICIPATED MILLING SCHEDULE FOR THE PURPOSE OF VERIFYING BURIED MONUMENT LOCATIONS EXPOSED BY THE MILLING ***

COORDINATES OF THE LISTED MONUMENTS ARE KNOWN. PRE CONSTRUCTION TIES ARE NOT REQUIRED.
UNKNOWN MONUMENTS SET BY OTHERS MAY EXIST. IF AN UNLISTED MONUMENT IS FOUND, R.E. WILL INFORM PLATS AND PLANS TO TIE ANY MONUMENT(S)
SUBJECT TO DAMAGE OR DESTRUCTION FROM THE RESURFACING WORK, AND TO RESET THE MONUMENT(S) WHEN RESURFACING IS COMPLETE.
R.E. WILL INFORM PLATS AND PLANS TO SEARCH FOR ADDITIONAL MONUMENTS IF THE JOB LIMITS ARE EXPANDED DURING CONSTRUCTION, PARTICULARLY AT E. 12TH ROAD.
UPON PAVING COMPLETION, R.E. WILL DIRECT PLATS AND PLANS TO STAKE THE LOCATIONS FOR TYPE 1 MONUMENT CORING.
NOTE: FOR BIDDING PURPOSES, NO CONTRACTED LAND SURVEYING SERVICES WILL BE REQUIRED FOR SETTING THE LISTED PERMANENT SURVEY MARKERS.
PLATS AND PLANS WILL PREPARE AND RECORD THE REQUIRED MONUMENT RECORDS. MONUMENT NUMBERS SUBJECT TO CHANGE PENDING VERIFICATION OF TIES.

RESPONSIBILITY:
1) RESIDENT TO RE-ESTABLISH MONUMENT (PAY ITEM REQUIRED. PERMANENT SURVEY MARKER, TYPE 1)
2) PLATS AND PLANS TO RE-ESTABLISH MONUMENT

	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PERMANENT SURVEY MARKERS					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -							649	(5&107)RS-2	VARIOUS	37	10
	PLOT SCALE = 100.0000' / in.	CHECKED -	REVISED -							CONTRACT NO. 66D55				
	PLOT DATE = 12/11/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.				

MODEL Default
FILE Name: p:\publanroom.datalinks\gov\PIW\DOT\Documents\DOT_Offices\Illartct_3\projects\0366055\CADD\data\366055-ht-schedule.dgn

MAINLINE SCHEDULE															
LOCATION	LENGTH	WIDTH	RESURF AREA	HMA SURF REM 3.75"	HMA SURF CSE IL 9.5 MIX C. N50 1.75"	HMA BIND CSE IL-9.5. N50 2"	MATL TRANS DEVICE	BIT MATL (TACK COAT)	MIX CRACKS JTS & FLANGEWAYS	HMA BINDER CSE (HM) N50	LONG JOINT SEAL	TEMP RAMP	AGG WEDGE SHLD TY B	FURNISHED EXCAVATION	
STATION	FOOT	FOOT	SQ FT	SQ YD	TON	TON	TON	POUND	TON	TON	FOOT	SQ YD	TON	CU YD	
IL 17															
MARSHALL COUNTY															
STA 000+12 TO STA 001+67	155	126	19530	2170	213	243	456	1465	0.7	1.1	155	158	6		
STA 001+67 TO STA 008+50	683	24	16392	1821	178	204	382	1229	0.5	0.9	683		26		
MARSHALL COUNTY TOTALS				3991	391	447	838	2694	1.2	2.0	838	158	32		
LASALLE COUNTY															
STA 008+50 TO STA 276+84 BK	26834	24	644016	71557	7013	8014	15027	48301	21.5	35.8	26834		1015		
STA 008+54 AH TO STA 062+00	5346	24	128304	14256	1397	1597	2994	9623	4.3	7.1	5346		202		
LASALLE COUNTY TOTALS				85813	8410	9611	18021	57924	25.8	42.9	32180		1217		
LIVINGSTON COUNTY															
STA 062+00 TO STA 255+89	19389	24	465336	51704	5067	5791	10858	34900	15.5	25.9	19389		733		
STA 255+89 TO STA 259+62	373	20	7460	829	81	93	174	560	0.2	0.4	373	28			
STA 259+62 TO STA 260+52	90	CONCRETE PAVEMENT OMISSION													
STA 260+52 TO STA 260+82	30	20	600	67	7	8	15	45			30	28			
STA 260+82 TO STA 263+67	285	20	5700	633	62	71	133	428	0.2	0.3	285				
STA 263+67 TO STA 328+73	6506	24	156144	17349	1700	1943	3643	11711	5.2	8.7	6506		246		
INTERSECTION RT 23 & RT 17															
STA 328+73 TO STA 333+42	469	138	64722	7191	705	805	1510	4854	2.2	3.6	469	36	18		
NORTH IL 23															
STA 211+00 TO STA 220+00	900	30	27000	3000	294	336	630	2025	0.9	1.5	900	42	34	43.5	
STA 220+00 TO STA 222+35	235	44	10340	1149	113	129	242	776	0.3	0.6	235		9	11.3	
SOUTH IL 23															
STA 222+35 TO STA 225+50	315	44	13860	1540	151	172	323	1040	0.5	0.8	315		12	15.2	
STA 225+50 TO STA 235+00	950	30	28500	3167	310	355	665	2138	1	1.6	950	42	36	45.9	
LIVINGSTON COUNTY TOTALS				86629	8490	9703	18193	58477	26.0	43.4	29452	176	1088	115.9	
TOTAL				176433	17291	19761	37052	119095	53.0	88.3	62470	334	2337	115.9	

TRAFFIC SIGNS SCHEDULE					
LOCATION	QUADRANT	TYPE 1 - (SPECIAL) SIGN	SIZE IN	REMOVE SIGN PANEL *** SQ FT	SIGN PANEL TYPE 1 - (SPECIAL) SQ FT
IL 17 / IL 23 INTERSECTION - ISLANDS					
IL 17 / IL 23	NW	ALL WAY SIGN	30 X 12	1.3	2.5
IL 17 / IL 23	NE	ALL WAY SIGN	30 X 12	1.3	2.5
IL 17 / IL 23	SW	ALL WAY SIGN	30 X 12	1.3	2.5
IL 17 / IL 23	SE	ALL WAY SIGN	30 X 12	1.3	2.5
**	ANY - REPLACEMENT				2.5
**	ANY - REPLACEMENT				2.5
TOTAL				5.2	15

SIDE ROAD SCHEDULE										
LOCATION			LENGTH	WIDTH	RESURF AREA	HMA SURF REMOVAL VARIABLE DEPTH	BITUMINOUS MATERIAL (TACK COAT)	INCIDENTAL HMA SURFACING	TEMP RAMP	FURNISHED EXCAVATION
ROAD NAME	SIDE	STATION	FT	FT	SQ FT	SQ YD	POUND	TON	SQ YD	CU YD
MARSHALL COUNTY										
OAK ST	LT	02+00	30	39	1170	130	59	20	22	1.3
N CENTER ST	LT	05+33	30	40	1200	133	60	20	22	1.3
E 6TH RD	LT	08+41	30	40	1200	133	60	20	22	1.3
MARSHALL COUNTY TOTALS						396	179	60	66	3.9
LASALLE COUNTY										
E PLUM ST	LI	11+67	30	30	900	100	45	15	17	1.3
E 659TH RD	LT	37+71	30	26	780	87	39	13	14	1.3
E 7TH ST	LT	64+57	30	34	1020	113	51	17	19	1.3
E 7TH ST	RT	64+57	30	34	1020	113	51	17	19	1.3
E 9TH RD	LT	171+07	30	40	1200	133	60	20	22	1.3
E 9TH RD	RT	171+07	30	40	1200	133	60	20	22	1.3
E 10TH RD	LT	224+00	30	33	990	110	50	17	18	1.3
E 10TH RD	RT	224+00	30	38	1140	127	57	20	21	1.3
E 11TH RD	LT	08+65	30	111	3330	370	167	57	62	1.3
E 11TH RD	RT	08+65	30	123	3690	410	185	63	68	1.3
LASALLE COUNTY TOTALS						1696	765	259	282	13.0
LIVINGSTON COUNTY										
E 12TH RD	LT	62+00	30	43	1290	143	65	22	24	1.3
E 12TH RD	RT	62+00	30	77	2310	257	116	40	43	1.3
N 100 RD	LT	117+86	30	34	1020	113	51	17	19	1.3
N 100 RD	RT	117+86	30	43	1290	143	65	22	24	1.3
N 200 RD	LT	171+82	30	45	1350	150	68	23	25	1.3
N 200 RD	RT	171+82	30	37	1110	123	56	19	21	1.3
N 300 RD	LT	225+50	30	50	1500	167	75	26	28	1.3
N 300 RD	RT	225+50	30	74	2220	247	111	38	41	1.3
N 379E RD	LT	265+17	30	51	1530	170	77	26	28	1.3
N 400E RD	RT	278+64	30	48	1440	160	72	25	27	1.3
LIVINGSTON COUNTY TOTALS						1673	756	258	280	13
TOTAL						3765	1700	577	628	29.9

	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						649	(5&107)RS-2	VARIOUS	37	11
	PLOT SCALE = 100.0000 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 66D55				
	PLOT DATE = 12/11/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		

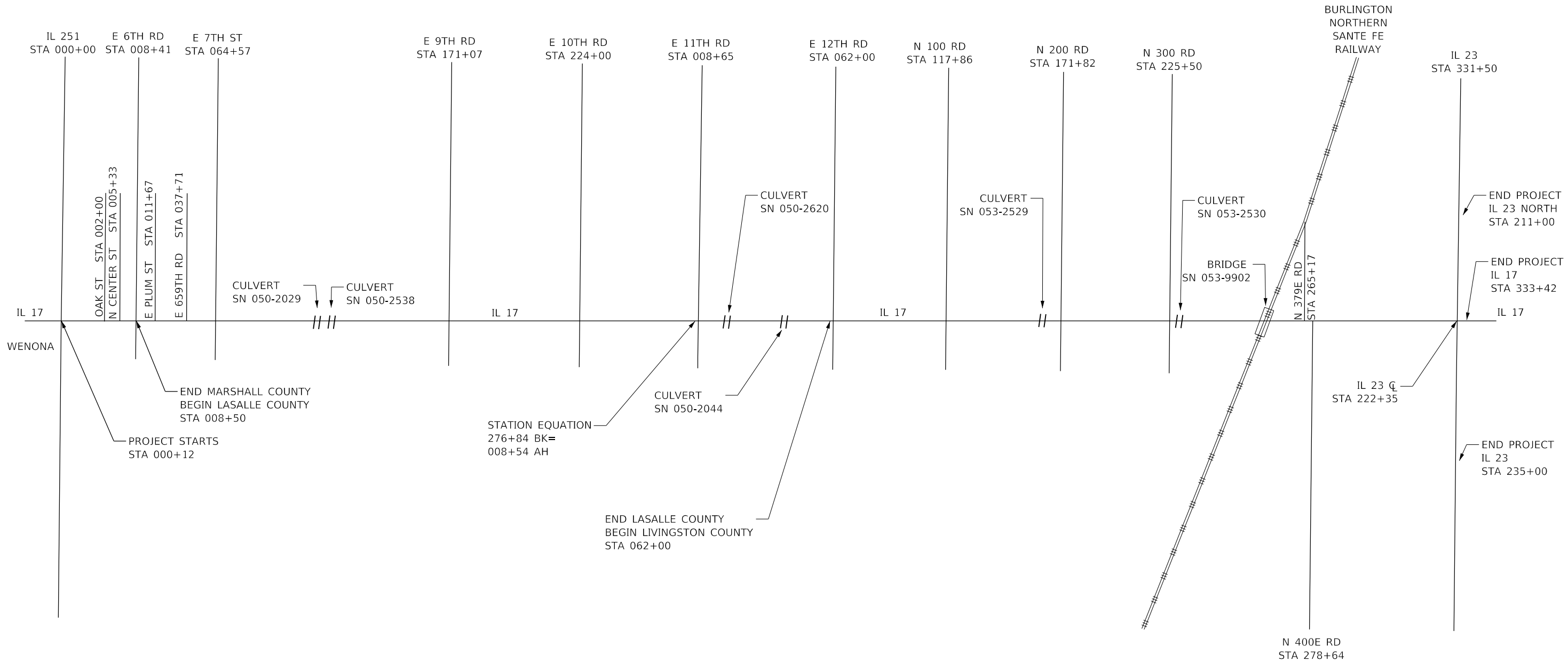
MODEL Default
FILE Name: p:\pub\anrcom.d\all\hds.gov\RWIDOT\Documents\IDOT Office\IDartct 3\projects\0366D55\CADD\data\366D55-ent-schedule.dgn

ENTRANCES & MAILBOX SCHEDULE										
LOCATION	SIDE	TYPE	MAT'L	WIDTH	AREA	HMA SURF REMOVAL VARIABLE DEPTH	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HMA SURFACING	AGG WEDGE SHLD TYPE B	
				FT	SQ FT	SQ YD	POUND	TON	TON	
IL 17										
MARSHALL COUNTY										
STA 01+25	RT	FE	AGG	45	135				0.9	
STA 03+00	LT	CE	AGG	170	510				3.2	
STA 04+70	LT	CE	AGG	60	180				1.1	
STA 06+00	LT	PE	AGG	30	90				0.6	
MARSHALL COUNTY TOTALS									6	
LASALLE COUNTY										
STA 09+31	RT	PE	HMA	21	210	23	11	4		
STA 09+80	RT	MBT	HMA	72	368	41	18	6		
STA 11+15	RT	PE	HMA	35	350	39	18	6		
STA 11+56	RT	MBT	HMA	72	245	27	12	4		
STA 12+10	RT	PE	HMA	35	350	39	18	6		
STA 12+75	LT	PE	HMA	20	200	22	10	3		
STA 13+00	LT	PE	HMA	20	200	22	10	3		
STA 13+20	LT	MBT	HMA	72	296	33	15	5		
STA 13+70	RT	PE	HMA	20	200	22	10	3		
STA 14+26	LT	MBT	HMA	72	296	33	15	5		
STA 14+40	LT	PE	HMA	20	200	22	10	3		
STA 16+18	RT	PE	HMA	38	380	42	19	6		
STA 18+90	RT	FE	AGG	40	120				0.8	
STA 20+10	RT	PE	HMA	30	300	33	15	5		
STA 20+47	RT	PE	HMA	21	210	23	11	4		
STA 22+60	RT	FE	AGG	32	96				0.6	
STA 23+05	LT	MBT	HMA	72	281	31	14	5		
STA 23+31	LT	PE	HMA	27	270	30	14	5		
STA 24+77	RT	PE	HMA	21	210	23	11	4		
STA 25+27	RT	FE	AGG	30	90				0.6	
STA 26+50	RT	FE	AGG	18	54				0.3	
STA 38+21	RT	FE	AGG	19	57				0.4	
STA 65+75	LT	PE	HMA	32	320	36	16	6		
STA 77+40	RT	FE	AGG	20	60				0.4	
STA 79+64	RT	FE	AGG	20	60				0.4	
STA 79+65	LT	PE	HMA	25	250	28	13	4		
STA 93+77	LT	PE	HMA	34	340	38	17	6		
STA 94+07	LT	MBT	HMA	72	263	29	13	4		
STA 105+00	LT	MBT	HMA	72	368	41	18	6		
STA 105+00	RT	PE	HMA	25	250	28	13	4		
STA 130+88	LT	FE	AGG	30	90				0.6	
STA 132+05	LT	MBT	HMA	72	285	32	14	5		
STA 132+30	LT	PE	HMA	25	250	28	13	4		
STA 133+95	LT	PE	HMA	33	330	37	17	6		
STA 144+31	RT	FE	AGG	25	75				0.5	
STA 145+00	LT	FE	AGG	25	75				0.5	
STA 151+37	LT	FE	AGG	25	75				0.5	
STA 153+47	LT	PE	HMA	21	210	23	11	4		
STA 156+37	LT	MBT	HMA	72	285	32	14	5		
STA 156+60	LT	PE	HMA	24	240	27	12	4		
STA 165+70	RT	PE	HMA	25	250	28	13	4		
STA 174+52	LT	MBT	HMA	72	368	41	18	6		
STA 174+53	RT	PE	HMA	24	240	27	12	4		
STA 177+60	LT	FE	AGG	18	54				0.3	
STA 189+90	LT	MBT	HMA	72	368	41	18	6		
STA 190+10	RT	PE	HMA	25	250	28	13	4		
STA 190+40	LT	FE	AGG	25	75				0.5	
STA 211+40	LT	MBT	HMA	72	282	31	14	5		
STA 211+55	LT	PE	HMA	25	250	28	13	4		
STA 215+00	RT	FE	AGG	12	36				0.2	
STA 225+49	LT	MBT	HMA	72	368	41	18	6		
STA 226+57	RT	PE	HMA	30	300	33	15	5		
STA 237+35	RT	FE	AGG	28	84				0.5	
STA 242+37	LT	PE	HMA	20	200	22	10	3		
STA 244+50	LT	FE	AGG	24	72				0.5	
STA 250+45	RT	CE	AGG	36	108				0.7	
STA 250+55	LT	CE	AGG	40	120				0.8	
STA 253+75	LT	MBT	HMA	72	368	41	18	6		
STA 253+75	RT	PE	HMA	27	270	30	14	5		
STA 263+65	RT	CE	AGG	32	96				0.6	
STA 263+80	LT	CE	AGG	32	96				0.6	

ENTRANCES & MAILBOX SCHEDULE CON'T									
LOCATION	SIDE	TYPE	MAT'L	WIDTH	AREA	HMA SURF REMOVAL VARIABLE DEPTH	BITUMINOUS MATERIALS (TACK COAT)	INCIDENTAL HMA SURFACING	AGG WEDGE SHLD TYPE B
				FT	SQ FT	SQ YD	POUND	TON	TON
STA 268+24	LT	FE	AGG	40	120				0.8
STA 270+00	LT	MBT	AGG	72	255				1.6
STA 270+30	LT	PE	AGG	37	111				0.7
STA 21+00	LT	CE	HMA	63	630	70	32	11	
STA 22+20	LT	FE	AGG	42	126				0.8
STA 25+00	LT	FE	AGG	26	78				0.5
STA 25+00	RT	FE	AGG	26	78				0.5
STA 35+15	LT	FE	AGG	20	60				0.4
STA 37+98	RT	FE	AGG	18	54				0.3
STA 39+45	LT	FE	AGG	24	72				0.5
LASALLE COUNTY TOTALS						1345	610	204	16
LIVINGSTON COUNTY									
STA 72+90	LT	FE	AGG	23	69				0.4
STA 81+95	RT	FE	AGG	25	75				0.5
STA 84+00	LT	MBT	HMA	72	368	41	18	6	
STA 84+10	RT	MBT	HMA	72	293	33	15	5	
STA 84+30	RT	PE	HMA	40	400	44	20	7	
STA 198+70	RT	FE	AGG	30	90				0.6
STA 212+30	LT	FE	AGG	28	84				0.5
STA 219+90	RT	CE	AGG	23	69				0.4
STA 238+70	LT	FE	AGG	19	57				0.4
STA 245+50	RT	FE	AGG	10	30				0.2
STA 245+52	LT	FE	AGG	15	45				0.3
STA 253+46	RT	FE	AGG	7	21				0.1
STA 255+00	LT	PE	HMA	44	440	49	22	8	
STA 302+45	LT	MBT	HMA	72	287	32	14	5	
STA 302+70	LT	PE	HMA	27	270	30	14	5	
STA 303+05	RT	MBT	HMA	72	296	33	15	5	
STA 303+35	RT	PE	HMA	26	260	29	13	4	
STA 303+40	LT	FE	AGG	10	30				0.2
STA 304+90	RT	PE	HMA	27	270	30	14	5	
STA 327+10	LT	FE	AGG	12	36				0.2
STA 329+40	RT	CE	HMA	46	460	51	23	8	
IL 23 SOUTH									
STA 224+65	RT	CE	HMA	45	450	50	23	8	
LIVINGSTON COUNTY TOTALS						422	191	66	4
TOTAL						1767	801	270	26

	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SCHEDULE				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						649	(5&107)RS-2	VARIOUS	37	12
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -		CONTRACT NO. 66D55								
	PLOT DATE = 12/11/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			
											ILLINOIS	FED. AID PROJECT	

MODEL: Default
FILE: \\nrt-2-prod\planroom\dat\illinois\gov\p\WIDOT\Documents\IDOT Office\IDistrict 3\projects\ID366D55\CADD\data\366D55-shr-Line Diagram.dgn



	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	LINE DIAGRAM				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -						649	(5&107)RS-2	VARIOUS	37	15
	PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -						CONTRACT NO. 66D55				
	PLOT DATE = 12/11/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT		



MODEL: Default
FILE: \\nolascocj\pub\lancom\dot\all\links\gov\p\WIDOT\Documents\DOT Office\IDistrict 3\Projects\0366055\CD\0366055-shr-allignment.dgn

USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/11/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

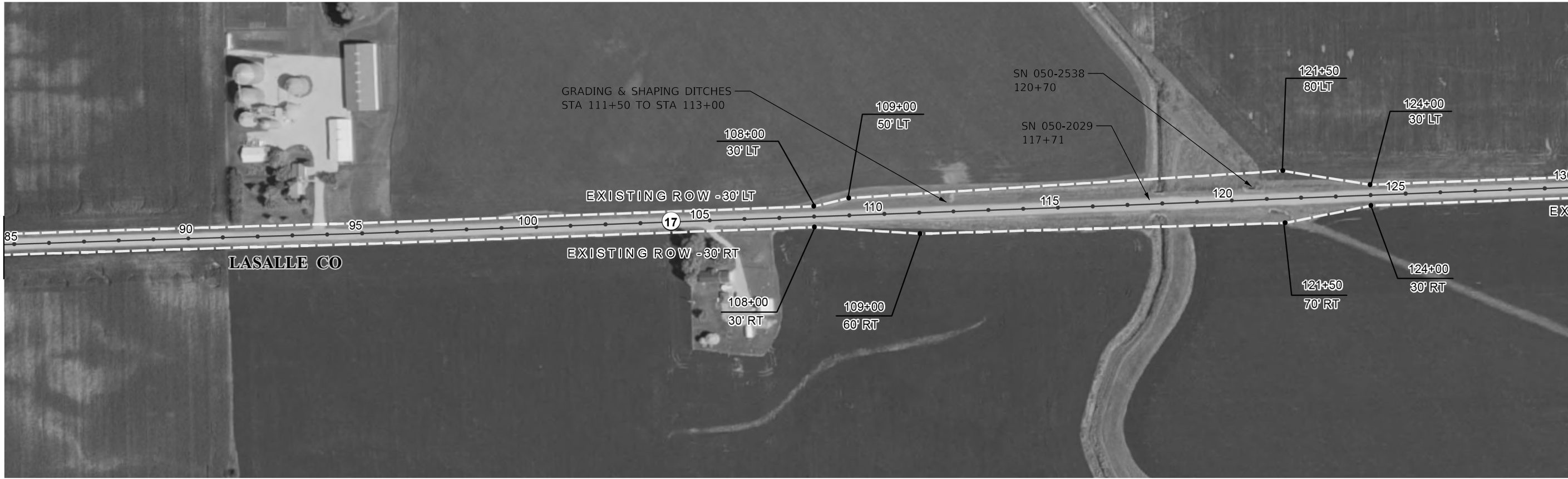
ALIGNMENT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(5&107)RS-2	VARIOUS	37	16
CONTRACT NO. 66D55				
ILLINOIS FED. AID PROJECT				

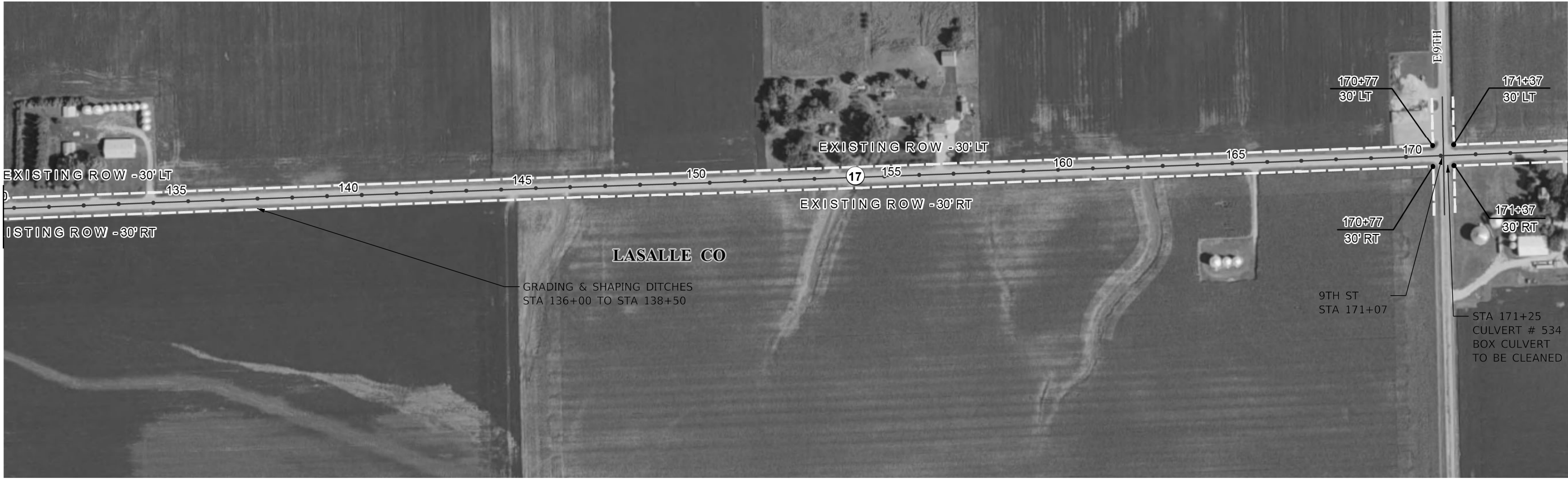
MODEL: Default
FILE: \\nolascoc\proj\pub\lancom\dot\illink\gov\PIW\DOT\Documents\DOT Office\IDistrict 3\projects\0366D55\alt-alignment.dgn

MATCH LINE
STA 84+80



MATCH LINE
STA 129+90

MATCH LINE
STA 129+90



MATCH LINE
STA 174+80

USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000 ' / in.	CHECKED -	REVISED -
PLOT DATE = 12/11/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

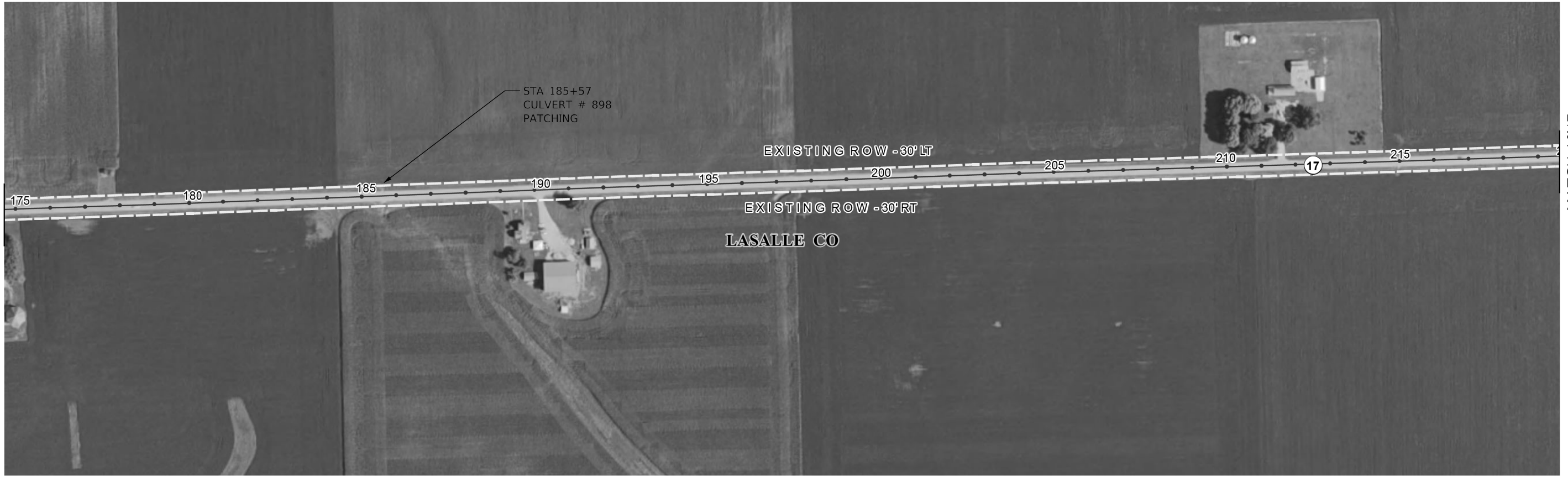
ALIGNMENT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(5&107)RS-2	VARIOUS	37	17
CONTRACT NO. 66D55				
ILLINOIS FED. AID PROJECT				

MODEL Default
FILE Name: p:\publanroom\dot\illinks\gov\PIWIDOT\Documents\IDOT Office\IDatdct 3\projects\0366055\CADData\0366055-shr-allignment.dgn

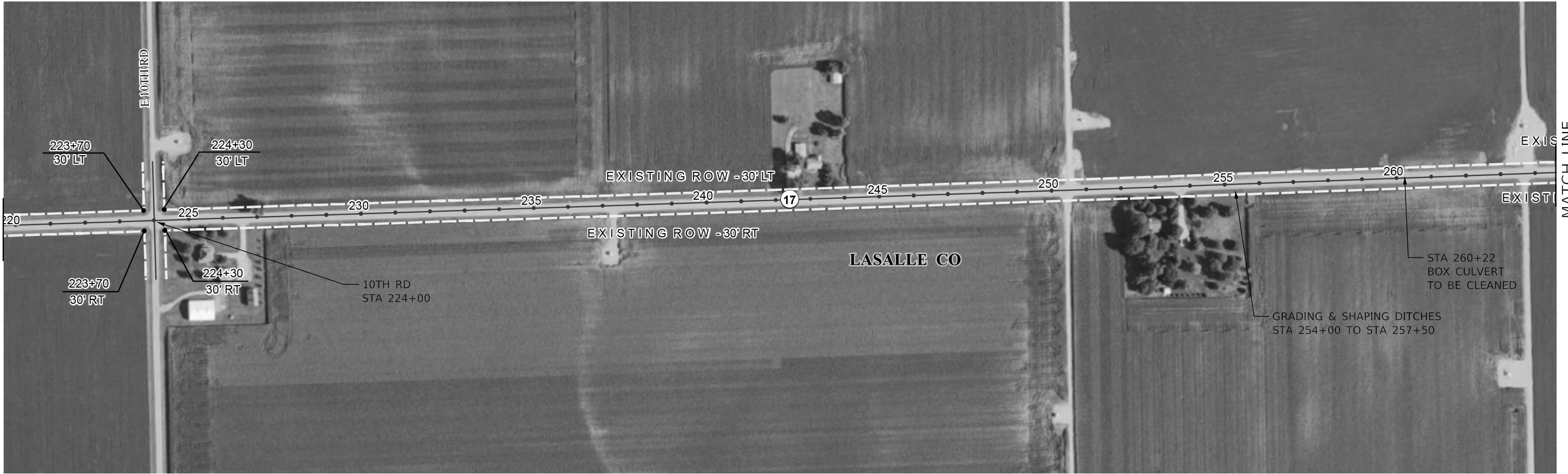
MATCH LINE
STA 174+80



MATCH LINE
STA 219+75



MATCH LINE
STA 219+75



MATCH LINE
STA 264+85

USER NAME	= NOLASCOCJ	DESIGNED	-	REVISED	-
DRAWN	-	CHECKED	-	REVISED	-
PLOT SCALE	= 100,0000 ' / in.	DATE	-	REVISED	-
PLOT DATE	= 12/11/2020				

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(5&107)RS-2	VARIOUS	37	18
CONTRACT NO. 66D55				
ILLINOIS FED. AID PROJECT				

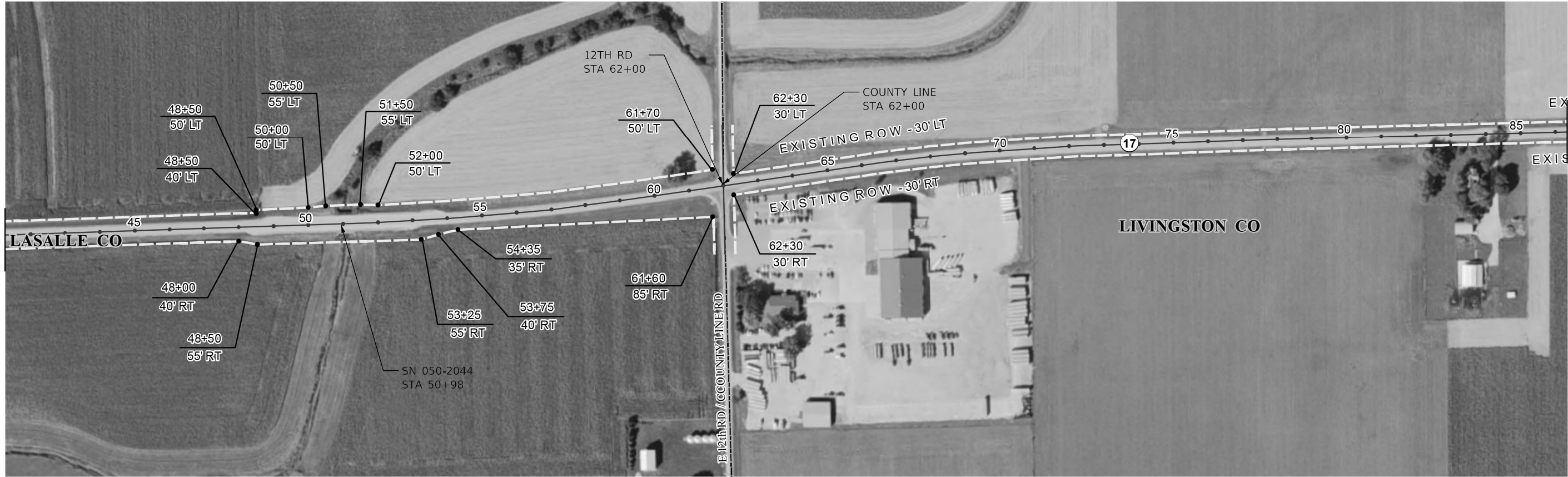
MODEL: Default
FILE: \\nolascoc\proj\pub\room\dot\illinois\gov\p\WID\DOT\Documents\IDOT\Office\IDistrict 3\Projects\0366D55\CADD\0366D55-ahb-alignment.dgn

MATCH LINE
STA 264+85



MATCH LINE
STA 41+10

MATCH LINE
STA 41+10



MATCH LINE
STA 86+20

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

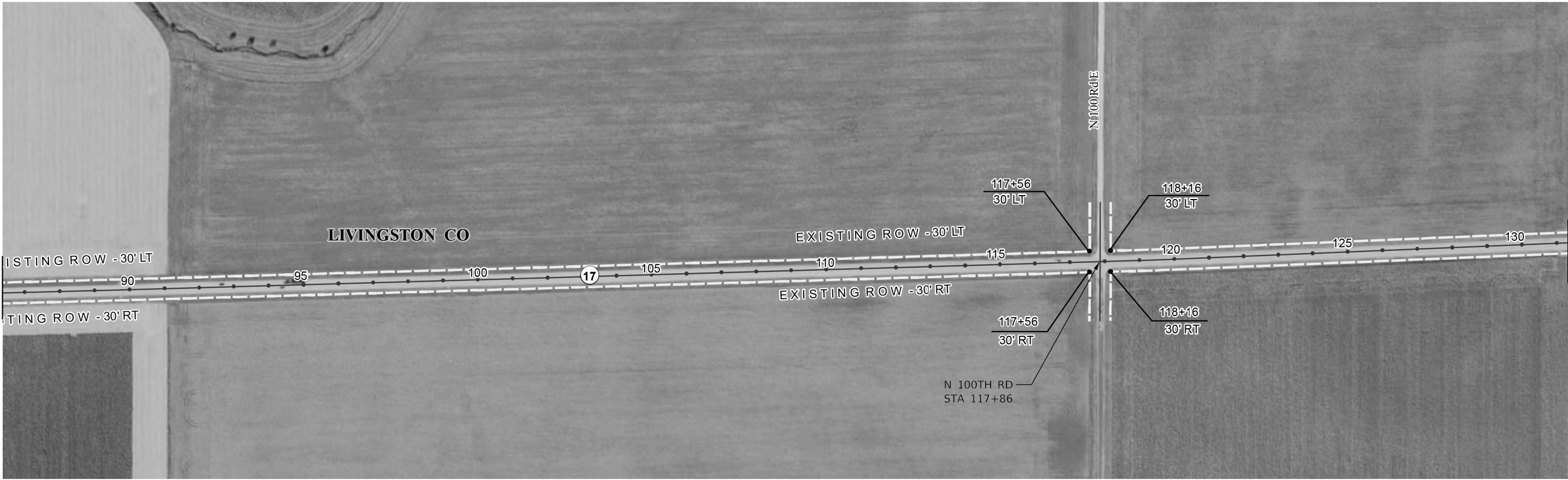
ALIGNMENT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(5&107)RS-2	VARIOUS	37	19
CONTRACT NO. 66D55				
ILLINOIS FED. AID PROJECT				

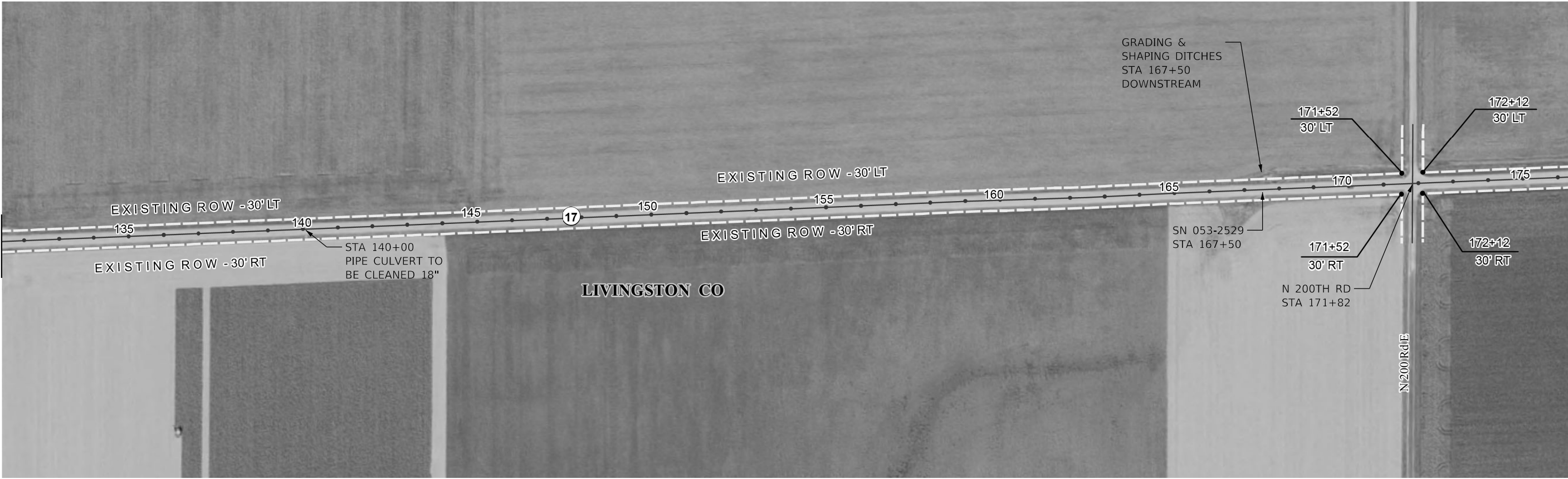
MODEL Default
FILE Name: p:\pub\planroom.dwg
LINKS: s:\pub\planroom.dwg
PROJECT: 0366055\CD\0366055-01\planroom.dwg

MATCH LINE
STA 86+20



MATCH LINE
STA 131+15

MATCH LINE
STA 131+15



MATCH LINE
STA 176+20

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

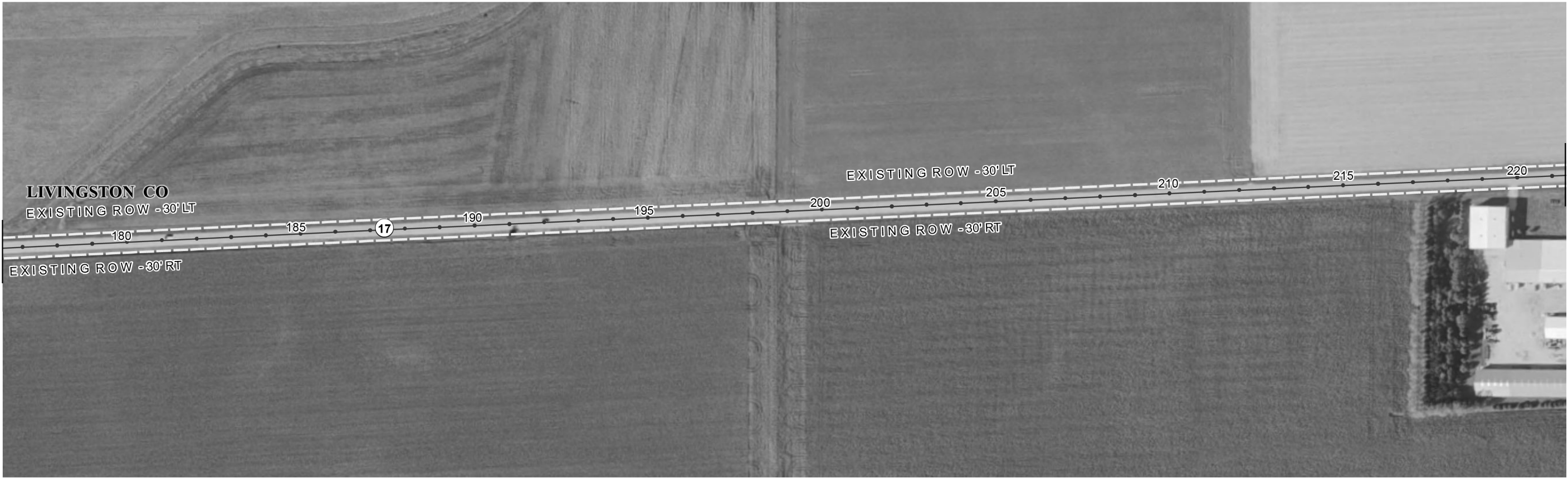
ALIGNMENT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(5&107)RS-2	VARIOUS	37	20
CONTRACT NO. 66D55				
ILLINOIS FED. AID PROJECT				

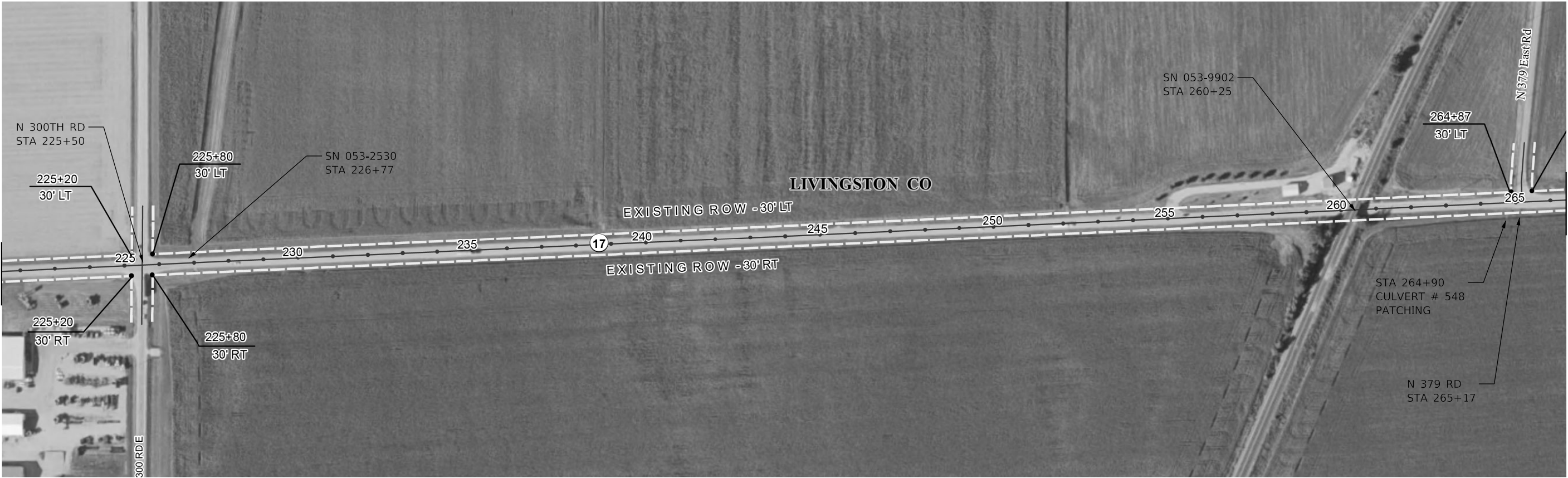
MODEL: Default
FILE: \\nrt-pxw\pub\anr\om.d\all\links\gov\PI\WIDOT\Documents\IDOT_Offices\IDistrict_3\Projects\0366D55\CD\0366D55-shr-allignment.dgn

MATCH LINE
STA 176+20



MATCH LINE
STA 221+20

MATCH LINE
STA 221+20



MATCH LINE
STA 266+50

USER NAME	= NOLASCOCJ	DESIGNED	-	REVISED	-
		DRAWN	-	REVISED	-
PLOT SCALE	= 100,0000 ' / in.	CHECKED	-	REVISED	-
PLOT DATE	= 12/11/2020	DATE	-	REVISED	-

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

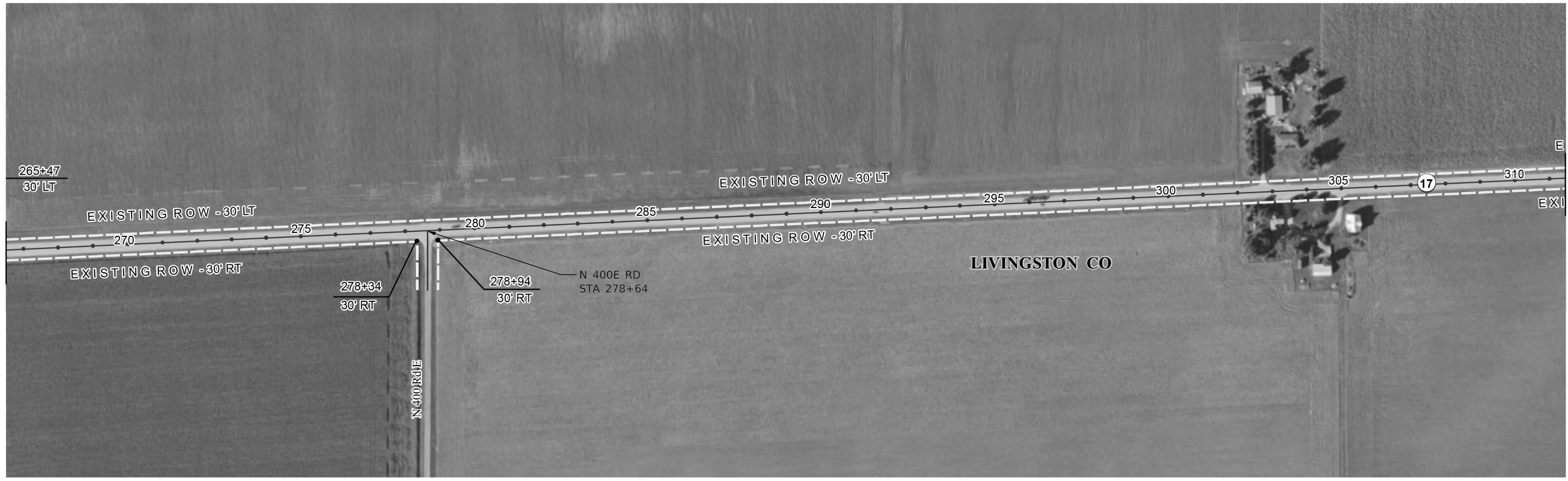
ALIGNMENT

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(5&107)RS-2	VARIOUS	37	21
CONTRACT NO. 66D55				
ILLINOIS FED. AID PROJECT				



MATCH LINE
STA 311+50



MODEL Default
FILE Name: p:\publanroom.datalinks\gov\p\WIDOT\Documents\IDOT Office\IDOT\1366055-Sub-Alignment.dgn

USER NAME = NOLASCOCJ	DESIGNED -	REVISED -
	DRAWN -	REVISED -
PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -
PLOT DATE = 12/11/2020	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT			
SCALE:	SHEET	OF	SHEETS
	STA.	TO	STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
649	(5&107)RS-2	VARIOUS	37	22
CONTRACT NO. 66D55				
ILLINOIS FED. AID PROJECT				

1. The design fill height for this box is 14 in. The precast box culvert sections shall conform to the requirements of ASTM C 1577.
2. The 6 in. thick layer of porous granular material required for the precast concrete box culvert per Art. 540.06 of the Standard Specifications shall also apply to the end sections. Cost of the porous granular material will not be paid for separately but shall be included in the unit price of the work for which it is required.
3. See Sheet #24 for the details of Porous Granular Embankment

<i>Item</i>	<i>Unit</i>	<i>Total</i>
<i>Stone Riprap, Class A4</i>	<i>Sq Yd</i>	<i>140</i>
* <i>Porous Granular Embankment</i>	<i>Cu Yd</i>	<i>114</i>
<i>Removal of Existing Structures</i>	<i>Each</i>	<i>2</i>
<i>Precast Concrete Box Culverts 4'x2'</i>	<i>Foot</i>	<i>30</i>
<i>Precast Concrete Box Culverts 5'x2'</i>	<i>Foot</i>	<i>30</i>
<i>Box Culvert End Sections</i>	<i>Each</i>	<i>4</i>
<i>Traversable Pipe Grate 4'x2'</i>	<i>Foot</i>	<i>22.2</i>
<i>Traversable Pipe Grate 5'x2'</i>	<i>Foot</i>	<i>23.5</i>
<i>Subbase Granular material, Type B 4"</i>	<i>Sq Yd</i>	<i>4</i>
<i>Filter Fabric</i>	<i>Sq Yd</i>	<i>37</i>
<i>Geocomposite Wall Drain</i>	<i>Sq Yd</i>	<i>82</i>

Stone Riprap Class A4 (Ea. End)

Filter Fabric (Ea. End)

Bedding (Ea. End)

Existing R.O.W. (VAR.)

30'-0"

3'-0" 12'-0" 12'-0" 3'-0"

1:4 4.0% 4.0% 1.5% 1.5% 4.0% 4.0% 1:4

Flow 0.28%

STA. 264+90 STA. 185+57

2'-0" 8"

15'-0" 15'-0"

* Porous Granular Material

Precast End Section with Pipe Grates

Pay Limits for Precast Concrete Box Culvert

Pay Limits for Precast Concrete Box Culvert

Precast End Section with Pipe Grates

3'-6" 1'-10" Ea. End

6" Ea. End

Existing R.O.W. (VAR.)

1:3

LONGITUDINAL SECTION

STA. 185+57 (PRECAST 5'x2' BOX CULVERT)

STA. 264+90 (PRECAST 4'x2' BOX CULVERT)

Existing R.O.W. (VAR.)

Precast End Section with Pipe Grates

Limits of Precast Concrete Box Culvert

15'-0"

30'

CL IL 17

8"

4'-0"

STA. 264+90

90°

5'-0"

STA. 185+57

CL Culvert

Station Increases

15'-0"

Precast End Section with Pipe Grates See Riprap Detail

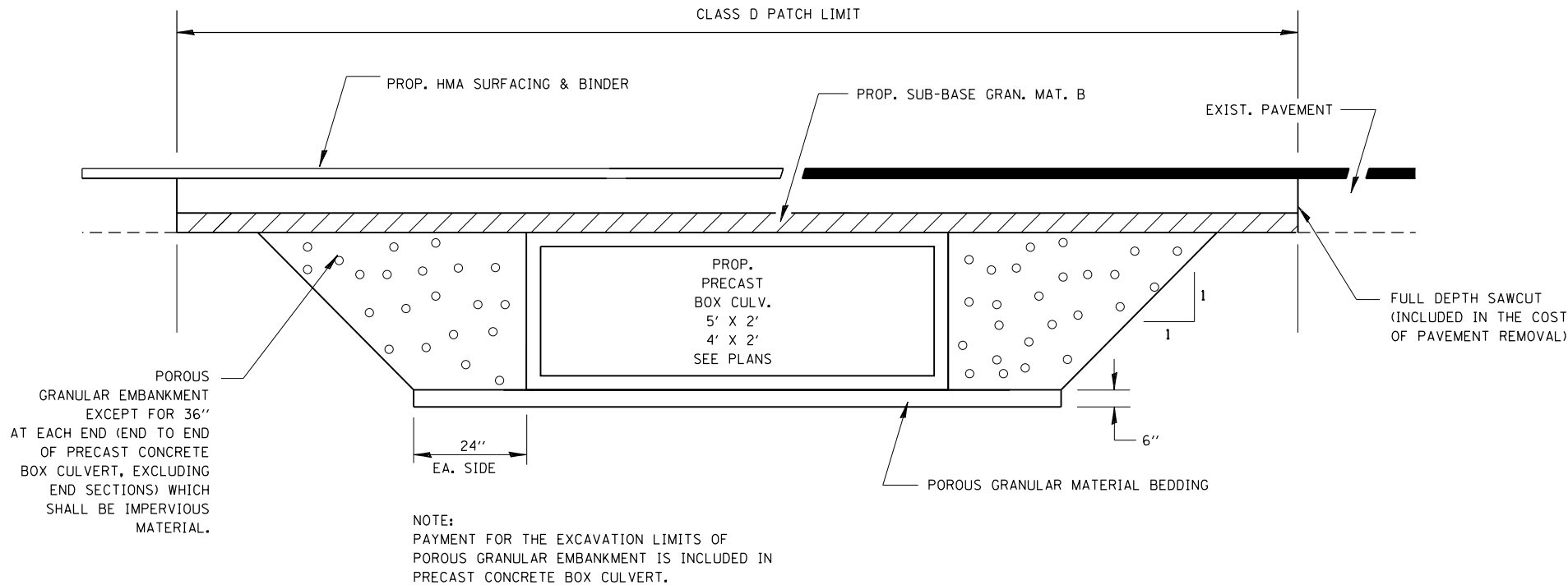
Existing R.O.W. (VAR.)

PLAN

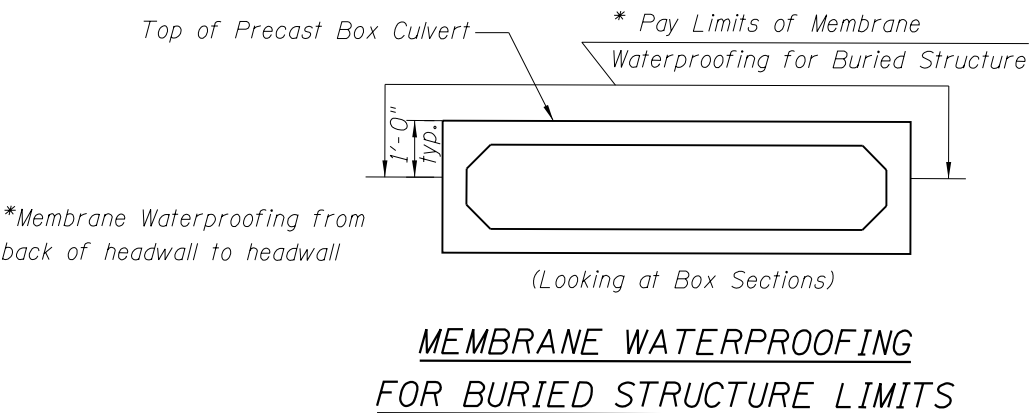
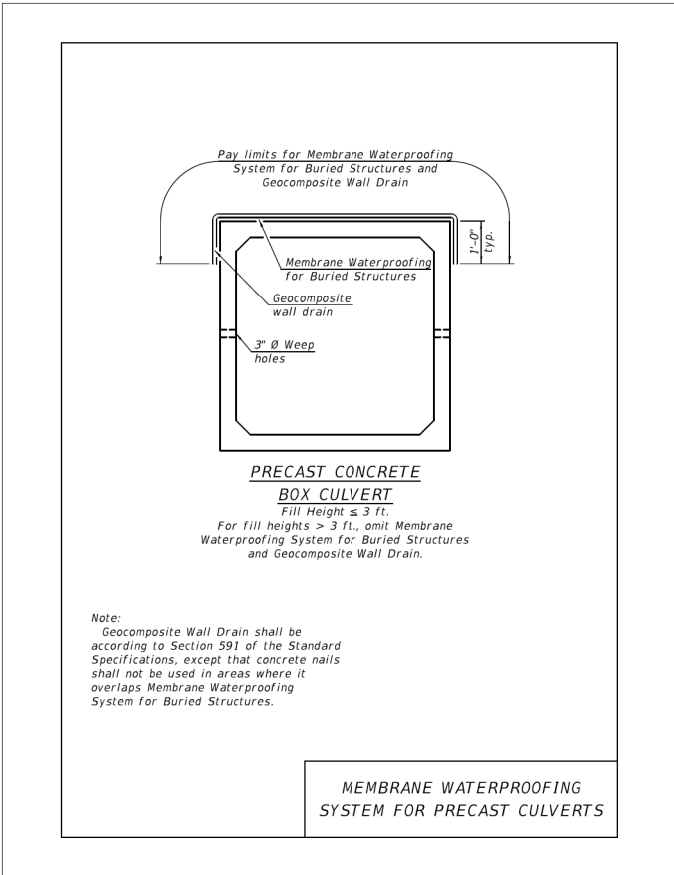
STA. 185+57 (PRECAST 5'x2' BOX CULVERT)

STA. 264+90 (PRECAST 4'x2' BOX CULVERT)

FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	BOX CULVERT DETAILS STA. 185+57 & 264+90					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwd\planroom\ddl\illnlds.gov\PW\DOT\Documents\DOT Offices\District 3\Projects\I366D55\CADDData\I366D55-shr-culverts	DRAWN - TG	REVISED -	REVISED -		649	(5&107)RS-2		VARIOUS	37	23				
Default	PLOT SCALE = 8,00000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66D55									
	PLOT DATE = 1/22/2021	DATE -	REVISED -											
				SCALE: SHEET OF SHEETS STA. TO STA.					ILLINOIS FED. AID PROJECT					

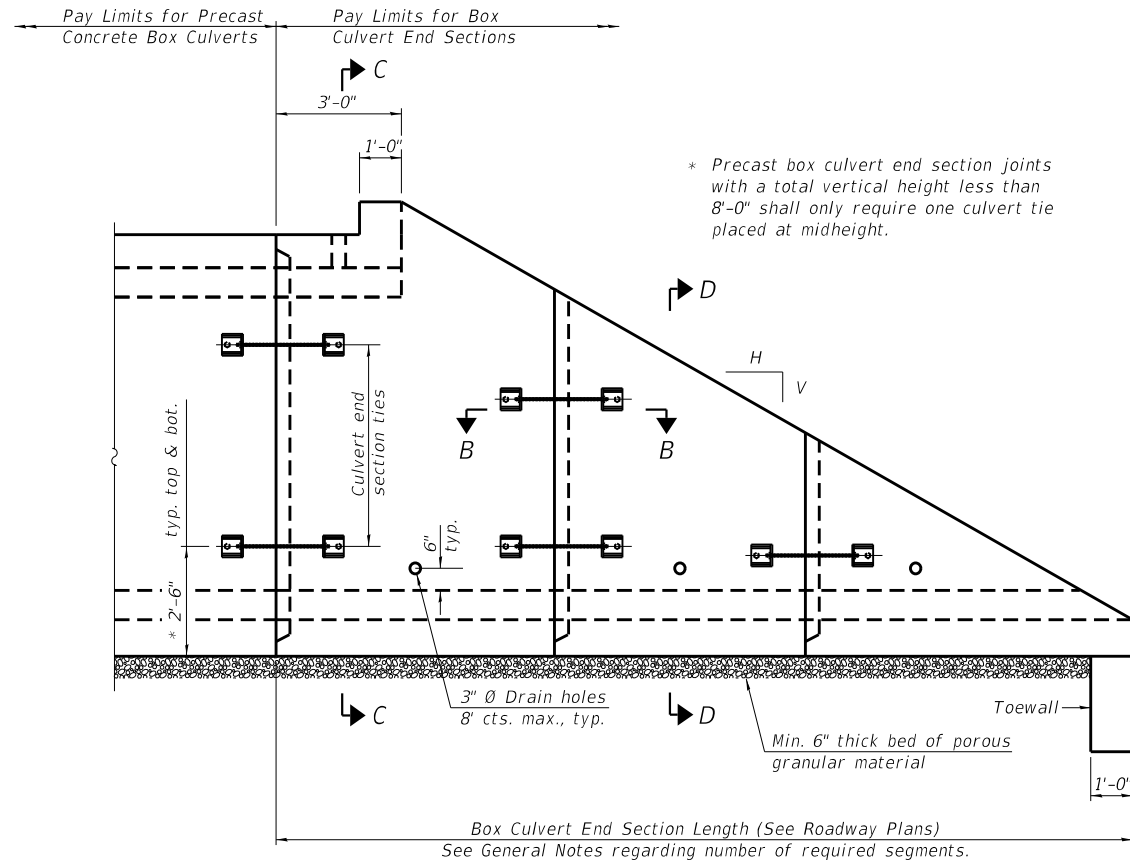


SECTION THROUGH PRECAST BOX CULVERT

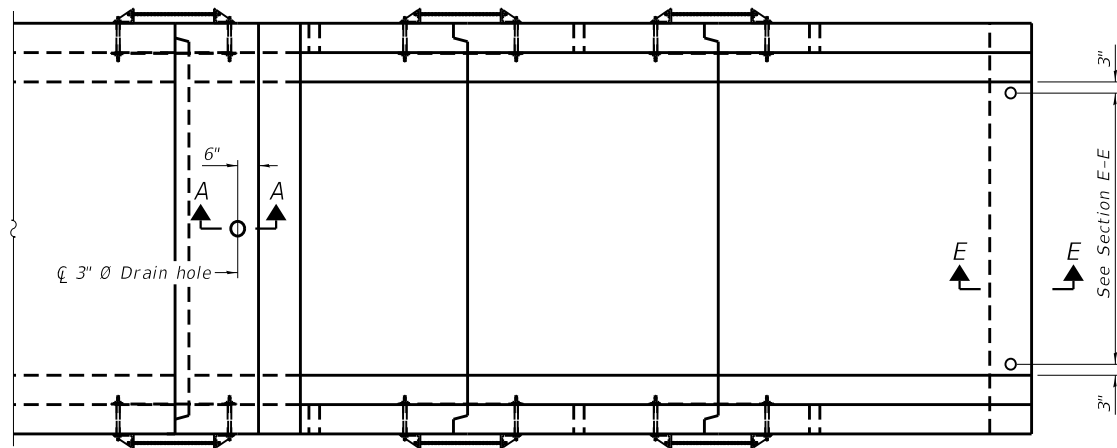




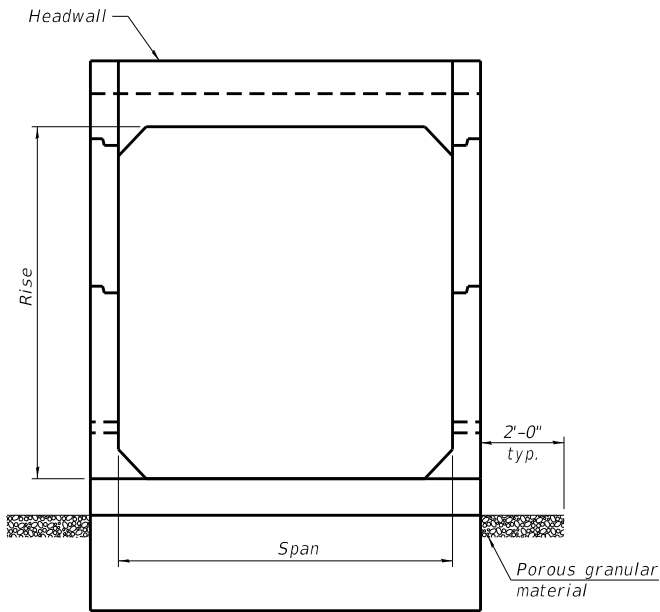
FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	RIP-RAP DETAIL					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwr\planroom\doillnldocs\pwi\DOT\Documents\DOT OFFICES\District 3\Projects\I366D55\CADDData\I366D55-sh-culverts	DRAWN -	REVISED -	REVISED -							649	(5&107)RS-2	VARIOUS	37	25
Default	PLOT SCALE = 8,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66D55									
	PLOT DATE = 12/11/2020	DATE -	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT			



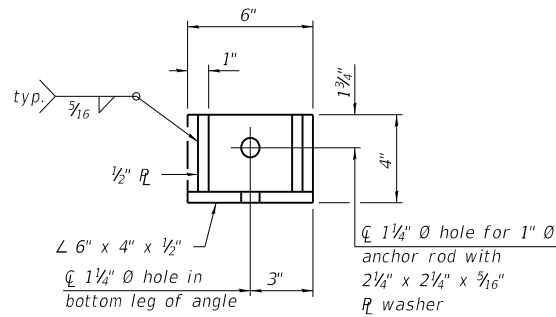
ELEVATION



PLAN



END VIEW



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" Ø 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)

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).

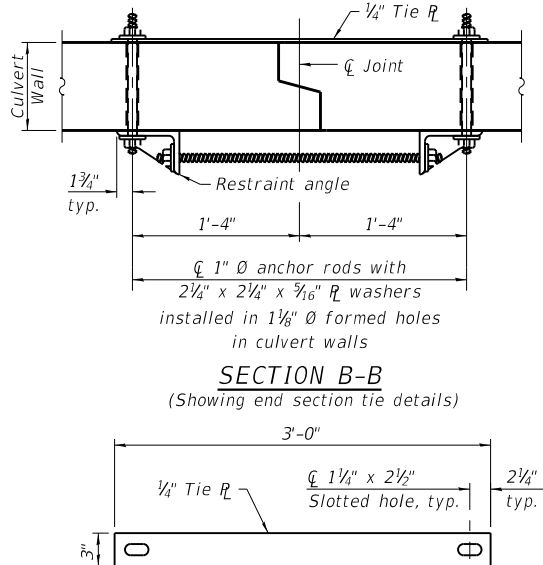
1" Ø anchor rods for the culvert ties shall conform to the requirements of ASTM F1554, Grade 105. Structural steel for tie plate and restraint angle shall conform to the requirements of Article 1006.04 of the Standard Specifications. All components of the culvert tie detail shall be galvanized according 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.

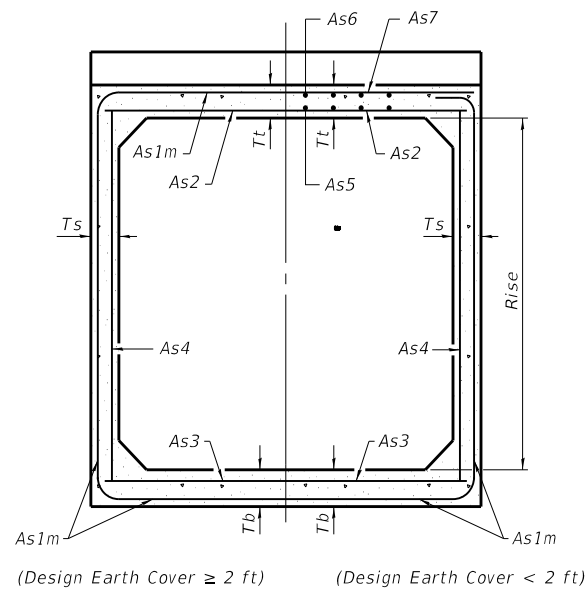


TIE PLATE DETAIL

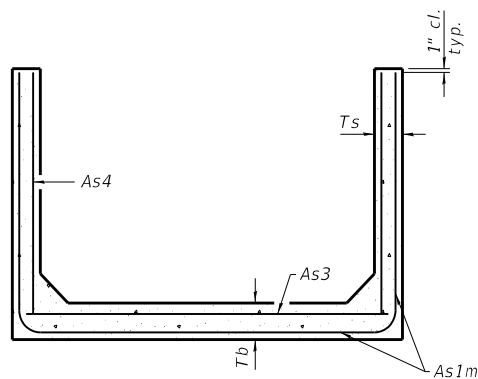
SCB-TES

2-17-2017

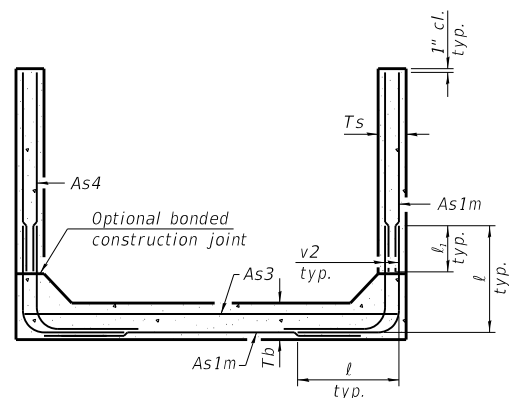
FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SINGLE CELL PRECAST BOX CULVERT TAPERED END SECTION DETAILS STA. 185+57 & 264+90	SCALE:	SHEET OF SHEETS	STA. TO STA.	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwc:\planroom\dot\illinois.gov\PWDOT\Documents\IDOT\Offices\District 3\Projects\I366D55\CADDData\I366D55-shkculverts		DRAWN -	REVISED -						649	(5&107)RS-2	VARIOUS	37	26
Default		CHECKED -	REVISED -						CONTRACT NO. 66D55				
		DATE -	REVISED -						ILLINOIS FED. AID PROJECT				



SECTION C-C



SECTION D-D



ALTERNATE SECTION D-D

<u>As1m REINFORCEMENT</u>											
(in. ² / ft)											
Rise (ft)	2	3	4	5	6	7	8	9	10	11	12
Ts (in.)											
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).

l₁ DIMENSION

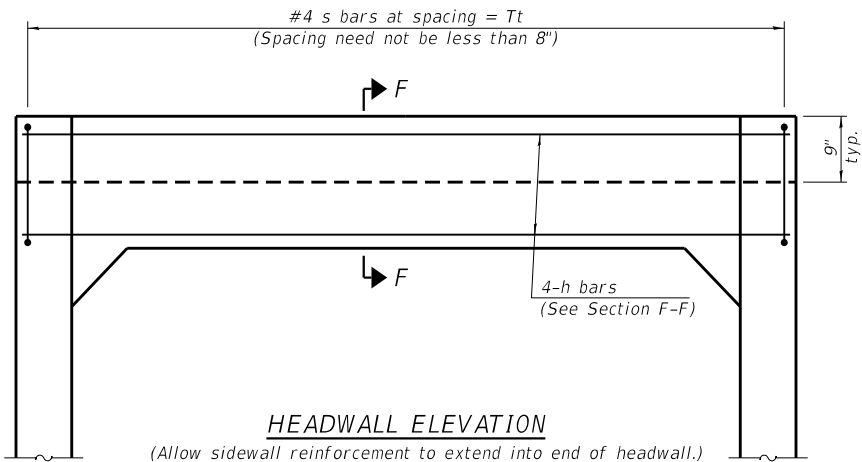
#3 bar = 2'-0"
 #4 bar = 2'-8"
 #5 bar = 3'-4"
 #6 bar = 3'-11"

Notes:

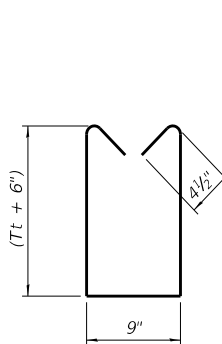
Alternate Section D-D is provided to allow the Contractor the option of casting the bottom slab of the end section first followed by construction of the sidewalls using conventional forming methods. Shop drawings that detail slab thickness and reinforcement layout shall be submitted to the Engineer for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

The size and spacing of the 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.

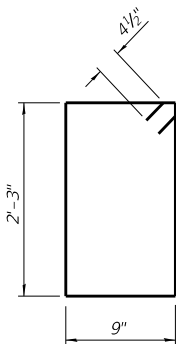
Bonded construction joints shall be prepared according to Article 503.09 of the Standard Specifications.



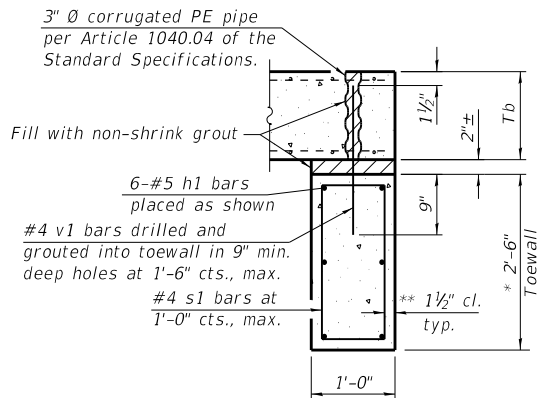
HEADWALL ELEVATION



BAR s



BAR s1



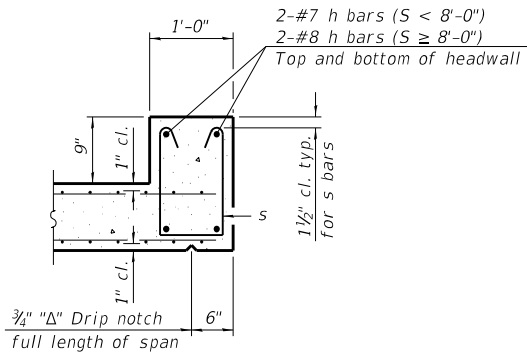
SECTION E-E

TOEWALL CONSTRUCTION SEQUENCE

1. Perform excavation and construct toewall.
2. Backfill according to the applicable paragraphs of Article 502.10 of the Standard Specifications and place bedding for precast box culvert end sections.
3. Set precast box culvert end section.
4. Drill and 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 the 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 F-F

SCB-TES

2-17-2017

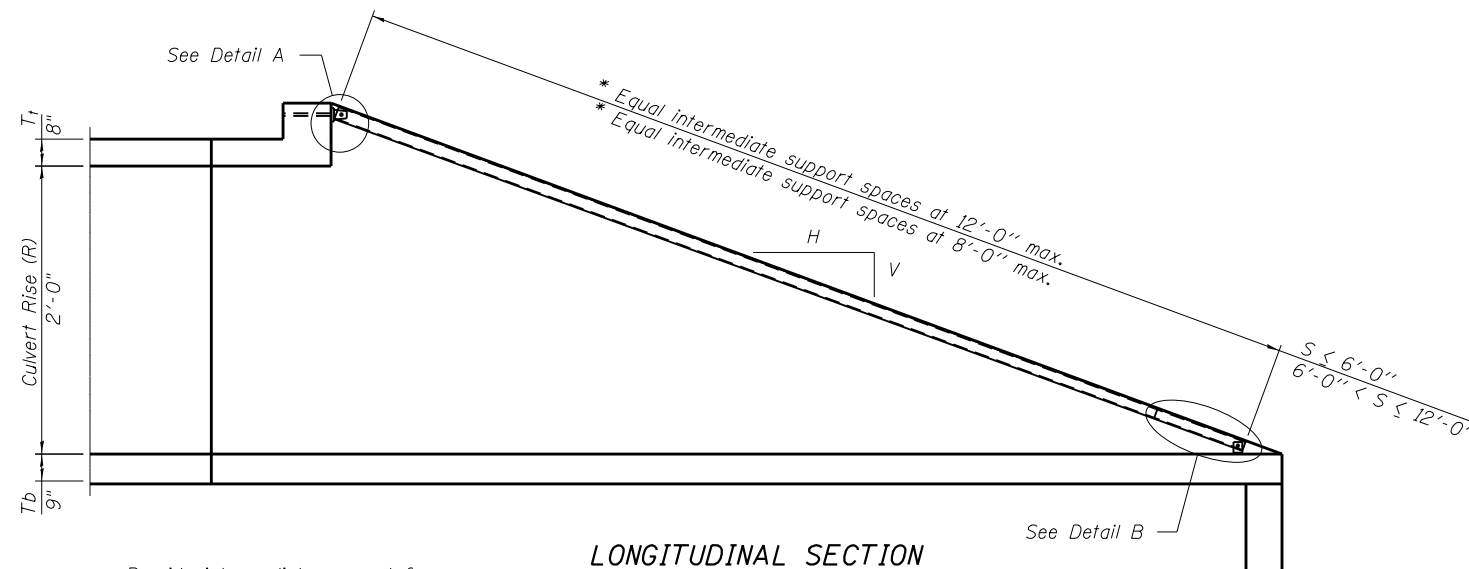
(Sheet 2 of 2)

FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SINGLE CELL PRECAST BOX CULVERT TAPERED END SECTION DETAILS STA. 185+57 & 264+90		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pw2\planroom\dotill\inc\dotgov\PWIDOT\Documents\IDOT\Offices\District 3\Projects\D366D55\CADD\data\D366D55-shkculverts		DRAWN -	REVISED -				649	(5&107)RS-2	VARIOUS	37	27
PLOT SCALE = 8,000" = 1 in.		CHECKED -	REVISED -				CONTRACT NO. 66D55				
Default	PLOT DATE = 12/11/2020	DATE -	REVISED -				ILLINOIS FED. AID PROJECT				
				SCALE:		SHEET OF SHEETS		STA. TO STA.			

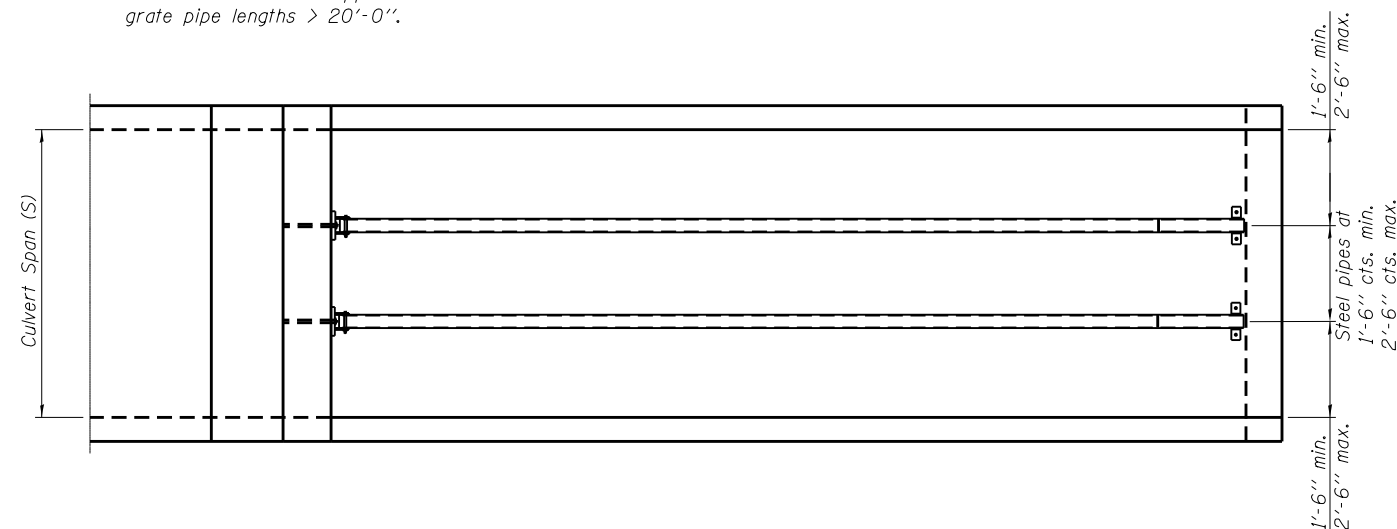
GENERAL NOTES

This standard shall only be used on concrete end sections not skewed more than ± 15 degrees with roadway.

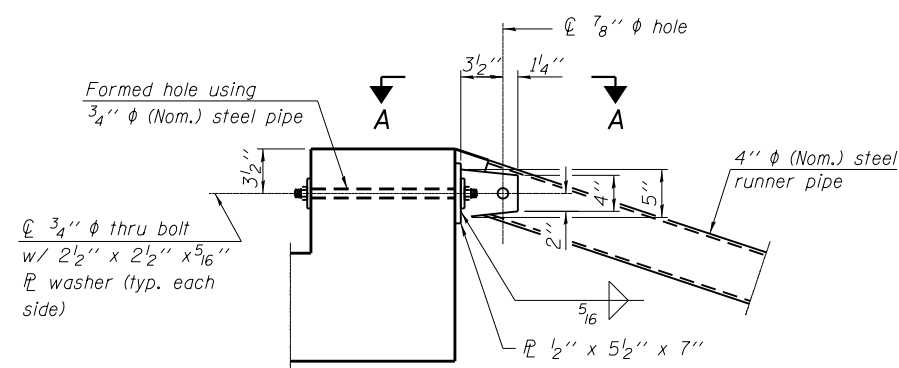
The Contractor may install the thru bolts using drilling and grouting in lieu of providing a formed hole using steel pipe. Installation shall be in accordance with Article 509.06 using a method that results in the annulus surrounding the bolt completely filled with adhesive. The method of drilling shall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



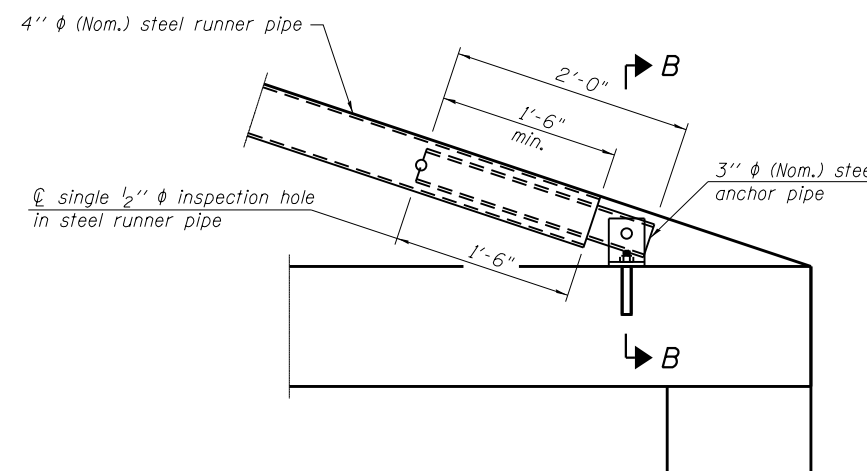
* Provide intermediate support for grate pipe lengths > 20'-0".



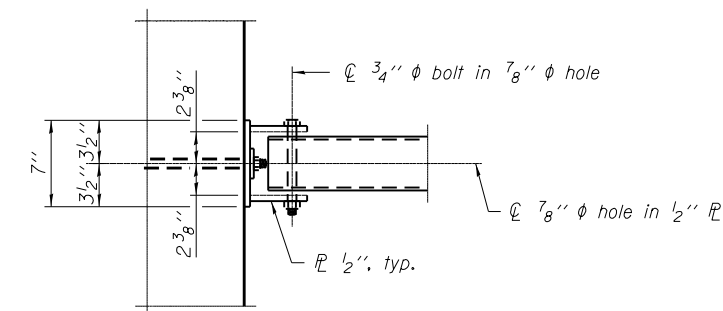
PLAN VIEW



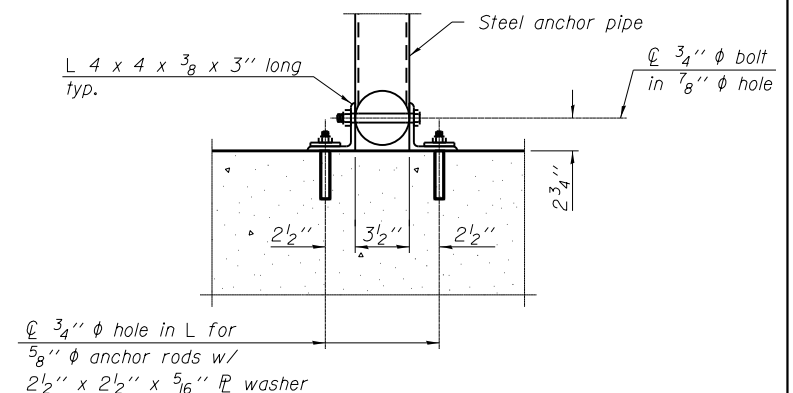
DETAIL A



DETAIL B



VIEW A-A



SECTION B-B

TPGBC-ZS

(Sheet 1 of 2)

FILE NAME	USER NAME	DESIGNED	REVISED	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRANSVERSABLE PIPE GRATE DETAILS					F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
pwr\planroom\dot\illinois.gov\PW\DOT\Documents\DOT Office\District 3\Projects\I366D55\CADD\I366D55-sh-culverts	NOLASCOCJ	DRAWN	REVISED							649	(5&107)RS-2	VARIOUS	37	28
PLOT SCALE	CHECKED	REVISED	CONTRACT NO. 66D55											
PLOT DATE	DATE	REVISED	SCALE:							SHEET	OF	SHEETS	STA.	TO STA.
Default									ILLINOIS	FED. AID PROJECT				

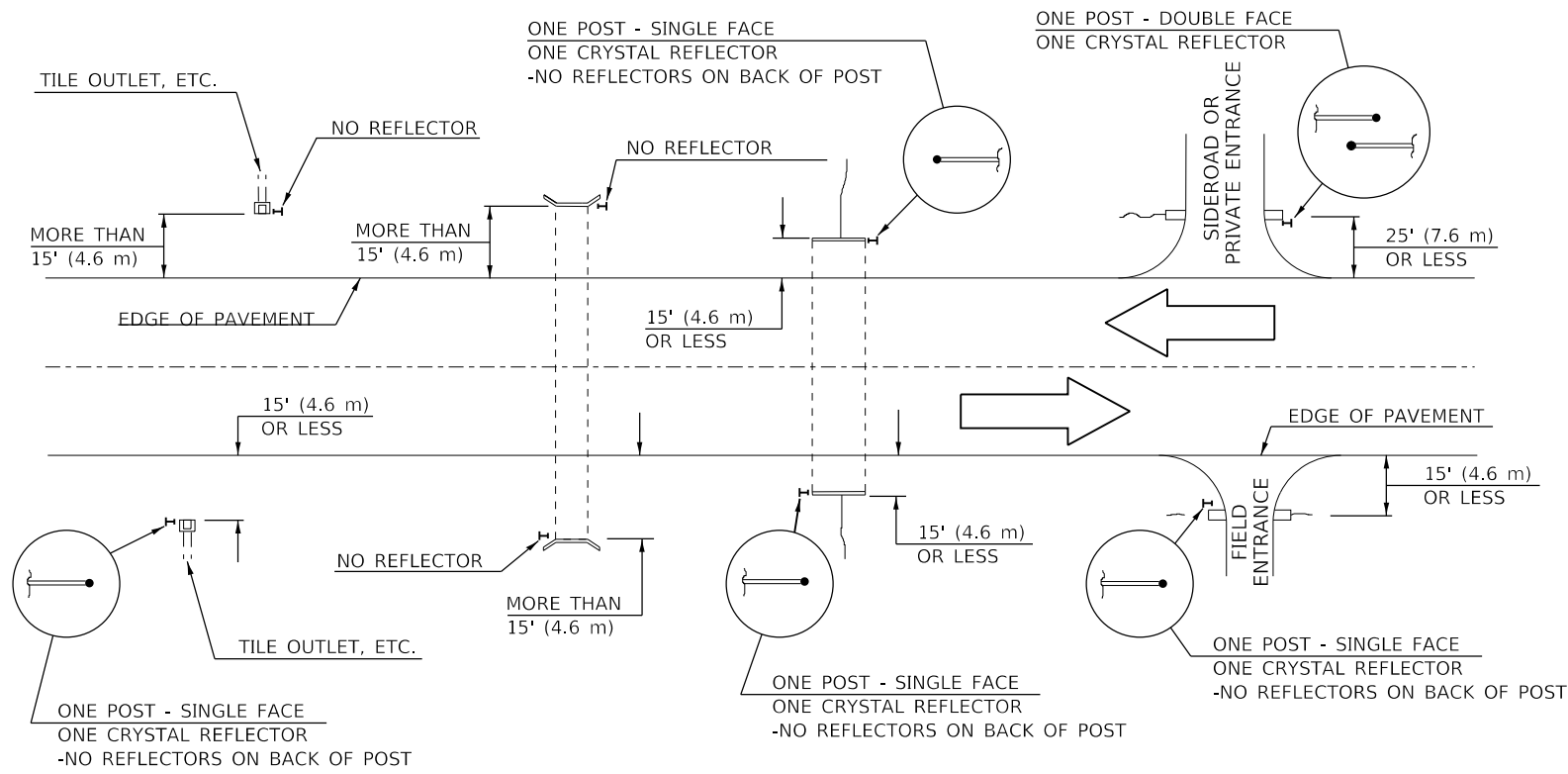
PIPE-GRATE SCHEDULE FOR BOX CULVERT END SECTIONS

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
S (ft)	R (ft)	T ₁ (in)	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'-9"	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"

(Sheet 2 of 2)

FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRANSVERSABLE PIPE GRATE DETAILS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
pw2\planroom\do\Illinois\gov\PWDOT\Documents\DOT Offices\District 3\Projects\I366D55\CADDData\I366D55-shkculverts		DRAWN -	REVISED -						649	(5&107)RS-2	VARIOUS	37	29	
Default	PLOT SCALE = 8,0000' / in.	CHECKED -	REVISED -		SCALE:				SHEET OF SHEETS STA. TO STA.				CONTRACT NO. 66D55	
	PLOT DATE = 12/11/2020	DATE -	REVISED -											
										ILLINOIS	FED. AID PROJECT			

IDENTIFICATION OF ROADSIDE HAZARDS FOR TWO-LANE ROADWAYS



BILL OF MATERIALS

DELINEATOR TYPE	SINGLE FACE	DOUBLE FACE	NO REFLECTOR	TOTAL DELINEATORS
SINGLE CRYSTAL	20		N/A	20
SINGLE CRYSTAL			TOTAL	20

NOTES

DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE THERE IS NO GUARDRAIL, OR OTHERPERMANENT BARRIER, ON THE SAME SIDE OF ROAD AS THE HAZARD.

DELINEATORS FOR ROADSIDE HAZARDS SHALL ONLY BE PLACED AT LOCATIONS WHERE DELINEATORS ARE NOT IN PLACE ALONG THE EDGE OF SHOULDER.

EACH POST SHALL BE CONSIDERED AS ONE DELINEATOR FOR PAYMENT, REGARDLESS OF THE NUMBER OF DELINEATORS ATTACHED TO IT.

FOR ONE-WAY ROADWAYS THE APPLICATION SHALL BE SIMILAR WITH DELINEATORS PLACED ON THE TRAFFIC APPROACH SIDE OF HAZARDS AND OBJECTS. ONLY SINGLE FACE DELINEATORS WILL BE REQUIRED ON ONE-WAY ROADWAYS. CRYSTAL ON RIGHT SIDE, AMBER ON LEFT.

FOR OTHER DELINEATOR APPLICATIONS, REFER TO HIGHWAY STANDARD 635001.

STATE OF ILLINOIS

DEPARTMENT OF TRANSPORTATION

DELINEATOR DETAILS

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.P. RTE.

649

SECTION

(5&107)RS-2

COUNTY

VARIOUS

TOTAL SHEETS

37

SHEET NO.

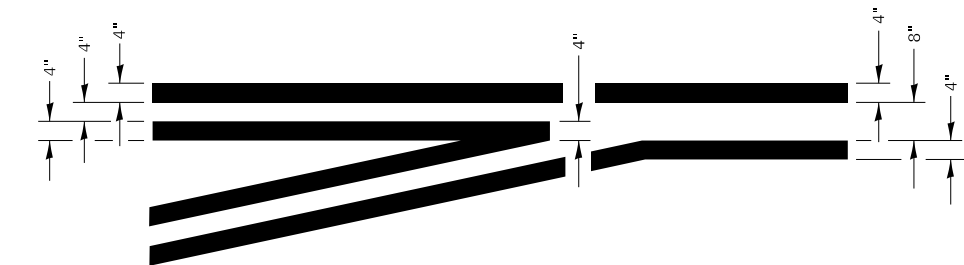
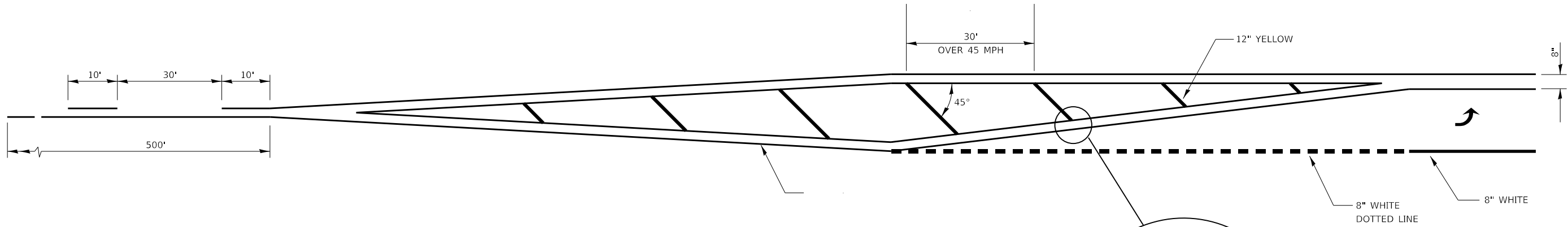
30

CONTRACT NO.

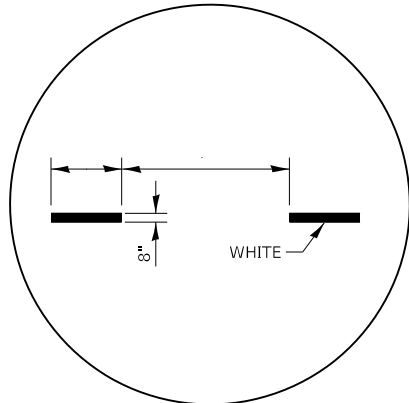
66D55

ILLINOIS

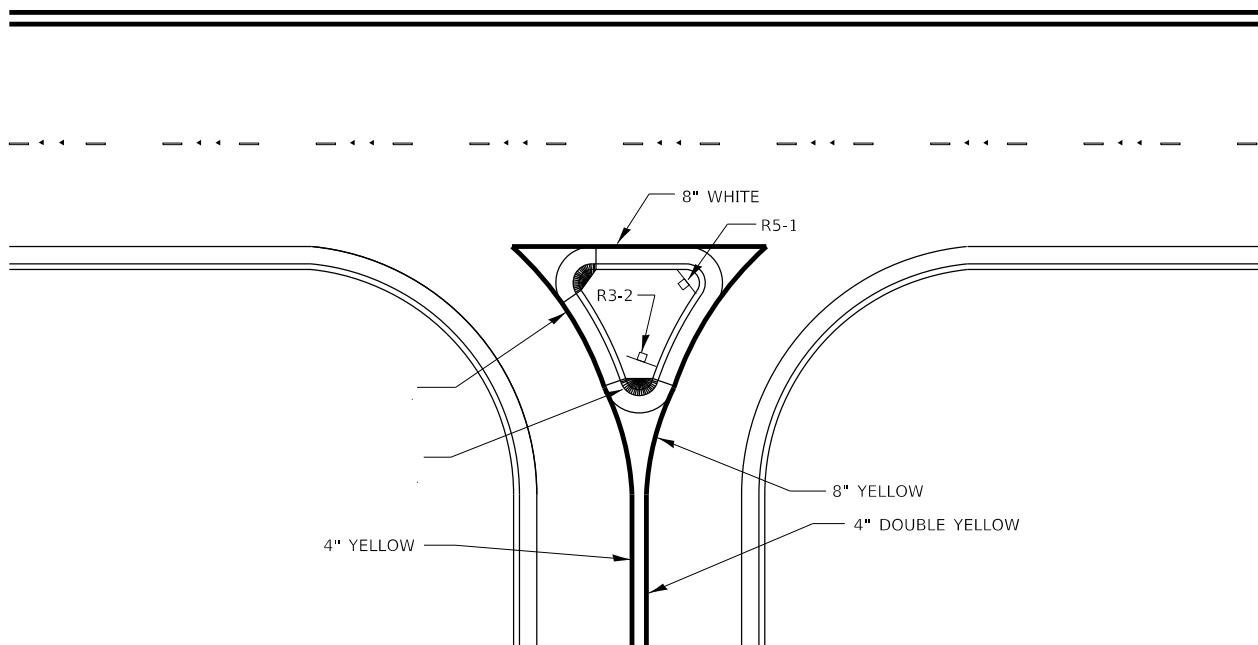
FED. AID PROJECT



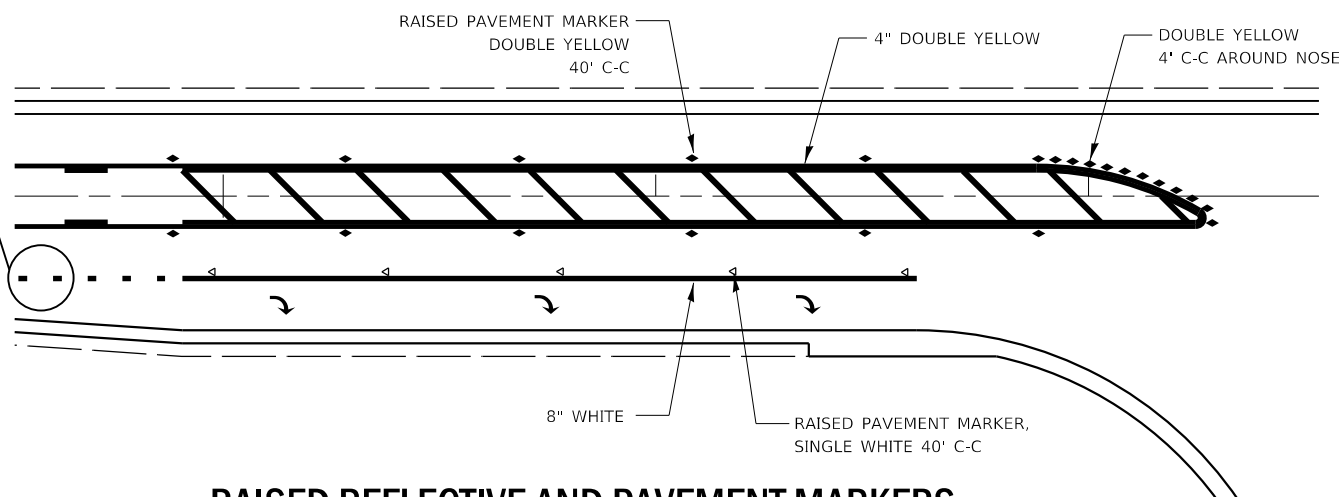
TYPICAL APPLICATION
@ LEFT TURN LANES



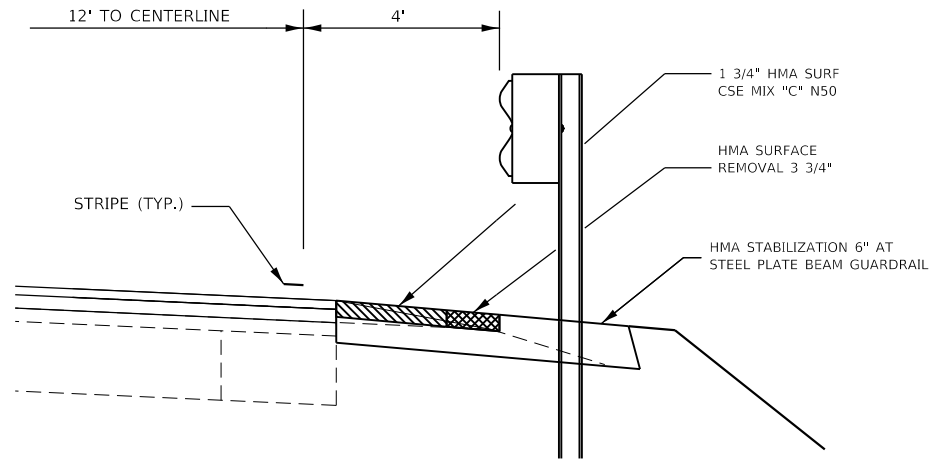
ADVANCE AND INTERSECTION LANE
DIVIDER LINES



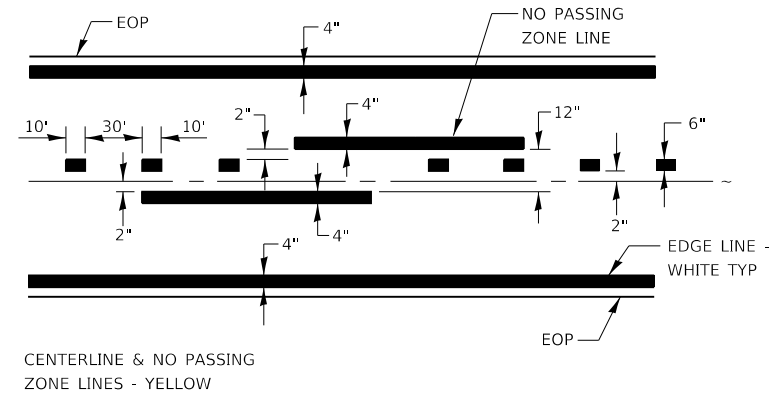
RIGHT IN RIGHT OUT ACCESS PAVEMENT MARKING



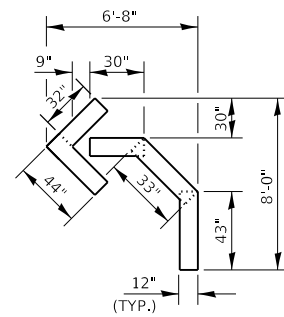
RAISED REFLECTIVE AND PAVEMENT MARKERS
@ RIGHT TURN LANE



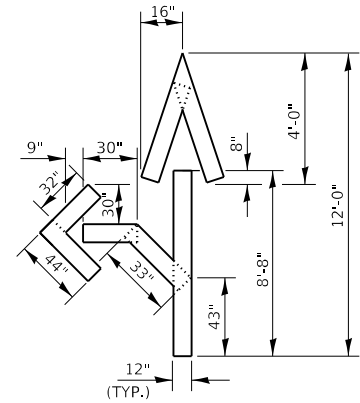
SHOULDER DETAIL AT GUARDRAILS



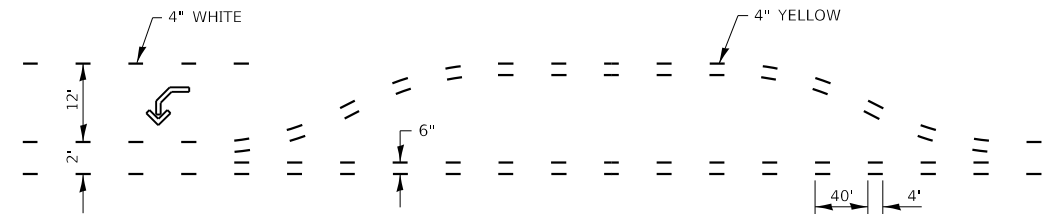
PAVEMENT MARKING



QUANTITY
12" LINE = 16 LIN FT
OR 4" LINE = 48 LIN FT

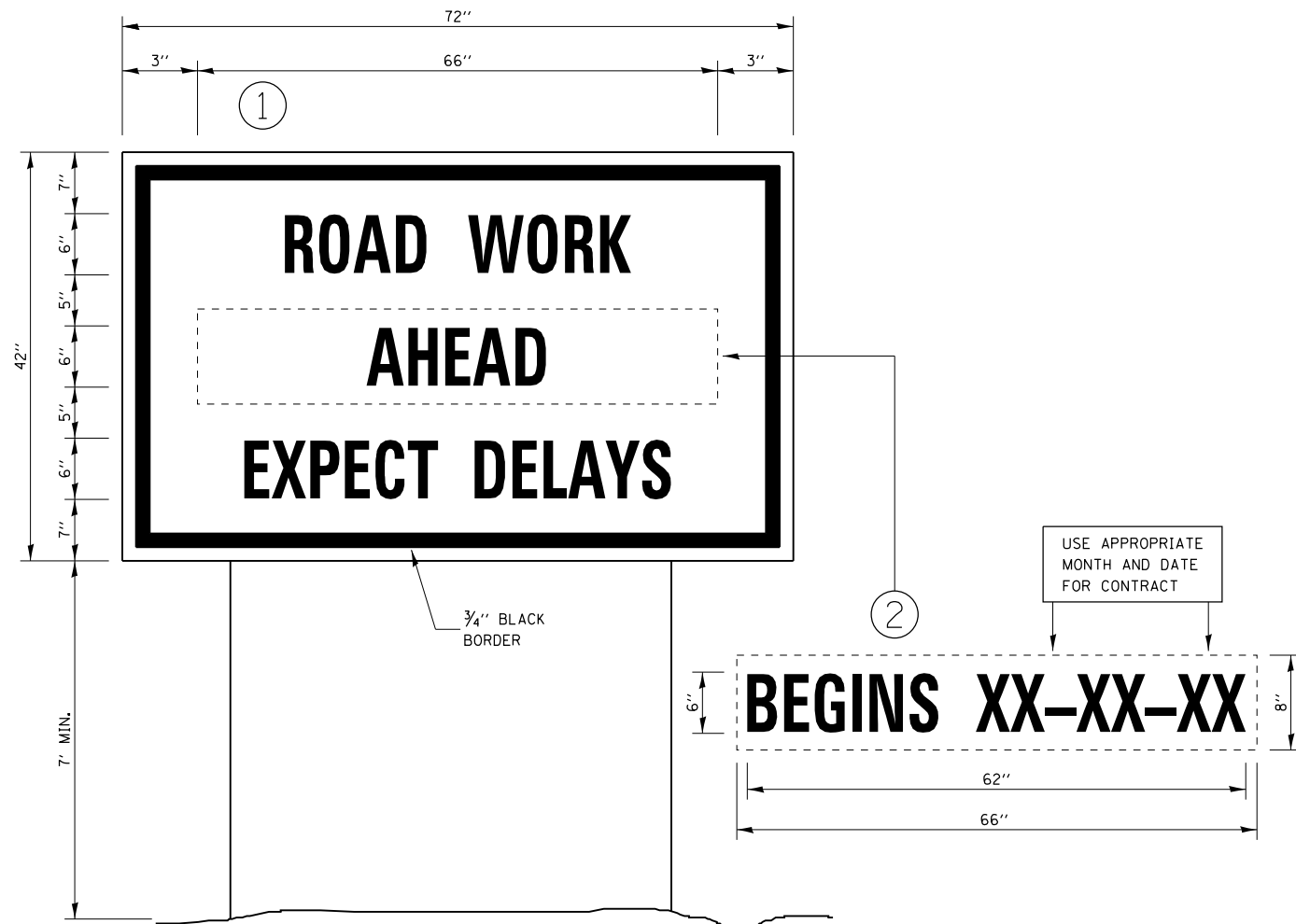


QUANTITY
12" LINE = 29 LIN FT
OR 4" LINE = 87 LIN FT



SHORT-TERM PAVEMENT MARKING FOR MEDIANS AND ARROWS

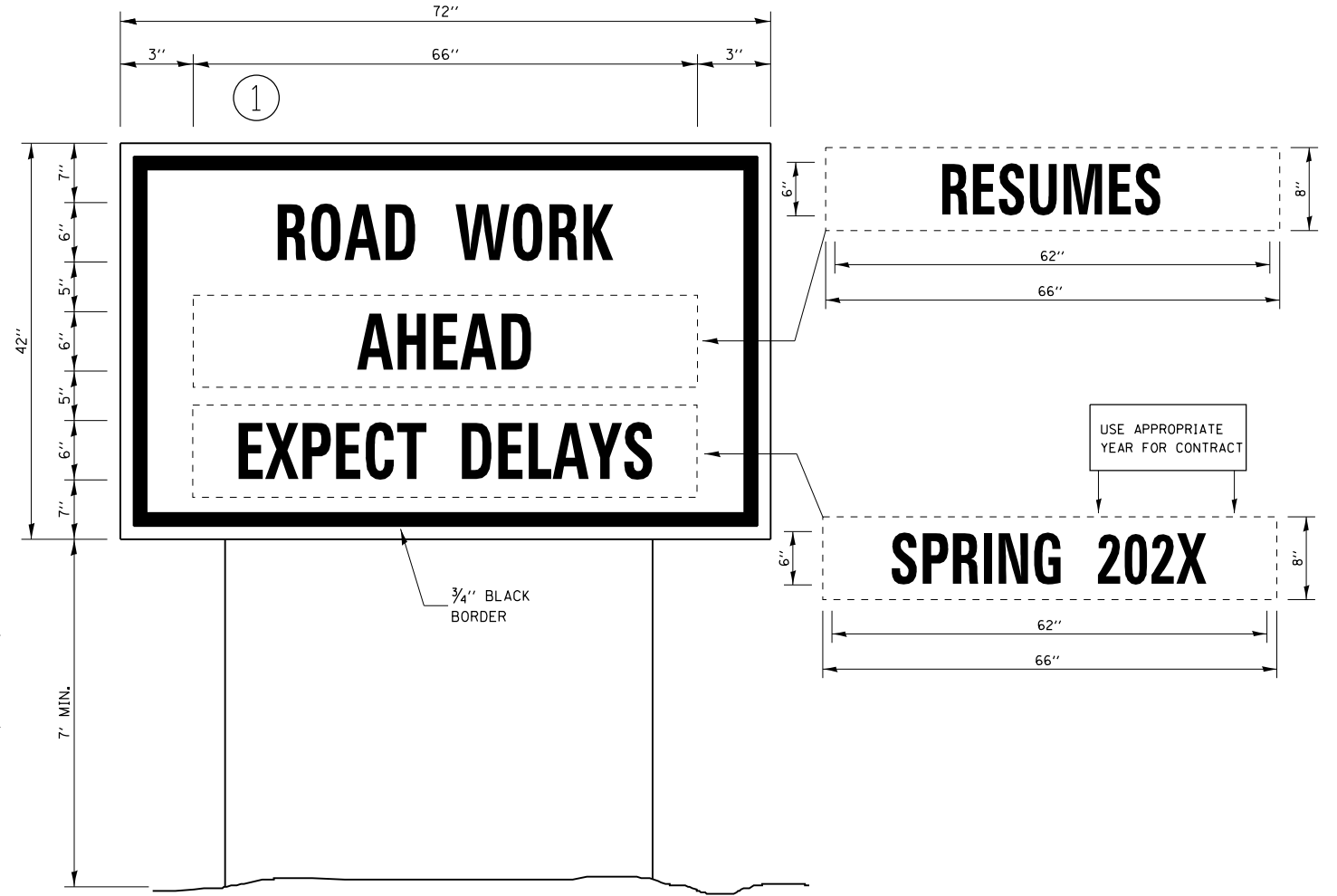
FILE NAME =	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
p:\planroom\dot\illinois.gov\PWDOT\Documents\DOT Offices\District 3\Projects\D366D55\CADDData\D366D55-shkdetail.dwg		DRAWN -	REVISED -						649	(5&107)RS-2	VARIOUS	37	33
Default	PLOT SCALE = 100,0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 66D55								
	PLOT DATE = 12/11/2020	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								
					SCALE:	SHEET	OF	SHEETS	STA.	TO STA.			



TEMPORARY INFORMATION SIGNING

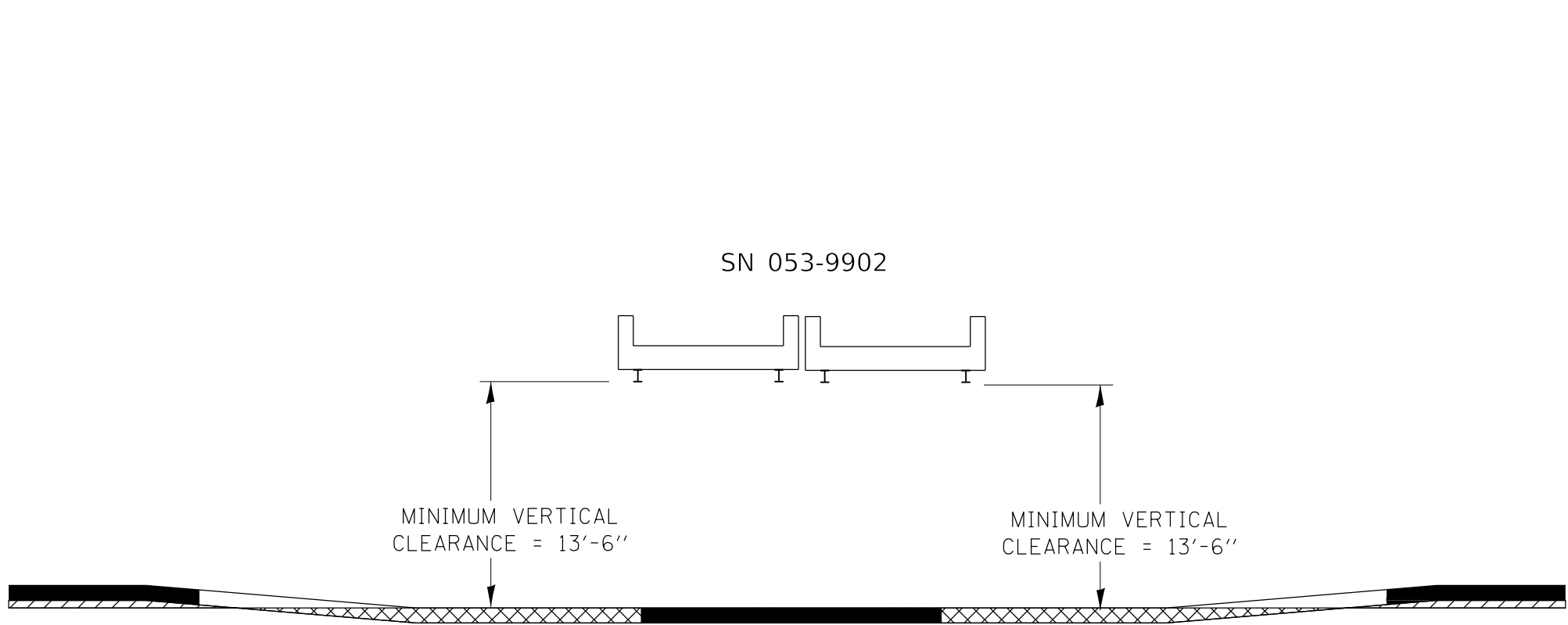
NOTES:

1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SQ FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SQ FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.



WINTER SHUT DOWN SIGNING

FILE NAME = pww\planroom\dotill\inc\gov\PWDOT\Documents\DOT\Offices\District 3\Projects\D366D55\CADD\data\366D55-shk\details\DWG\66D55-01.dwg Default	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN -	REVISED -	649						(5&107)RS-2	VARIOUS	37	34	
	PLOT SCALE = 100,0000' / in.	CHECKED -	CONTRACT NO. 66D55										
	PLOT DATE = 12/11/2020	DATE -	ILLINOIS FED. AID PROJECT										
			SCALE:						SHEET OF SHEETS		STA. TO STA.		

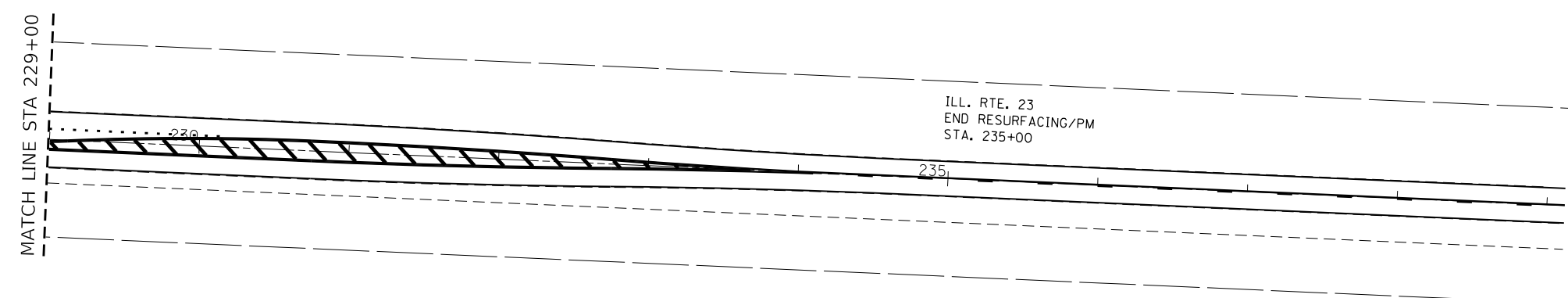
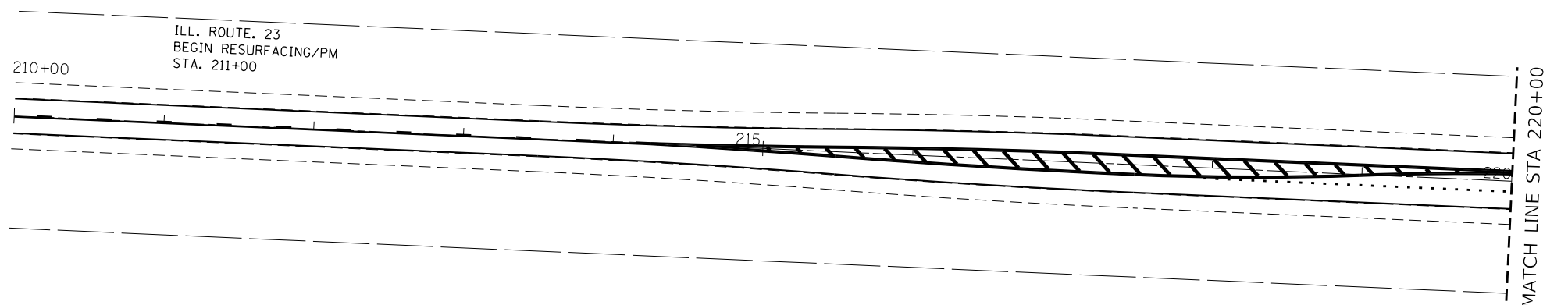


CONCRETE OMISSION DETAIL AT THE BNSF RAILWAY STRUCTURE
STA 259+62 TO STA 260+52
STRUCTURE STATION 260+25

NOTES:

THE MINIMUM VERTICAL CLEARANCE LISTED IN THE OPERATIONS STRUCTURE DATABASE IS 13'-6".
THE STRUCTURE IS POSTED AT 13'-6" FOR EASTBOUND AND WESTBOUND IL 17 TRAFFIC.
THE RESIDENT AND THE CONTRACTOR SHALL CONFIRM THESE MEASUREMENTS.
THE MINIMUM VERTICAL CLEARANCE SHALL BE MAINTAINED AFTER IL 17 IS RESURFACED.

FILE NAME = pww\planroom\dot\illinois.gov\PWIDOT\Documents\IDOT\Offices\District 3\Projects\D366D55\CADDData\D366D55-shkdetail.dwg	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					649	(5&107)RS-2	VARIOUS	37	35
		PLOT SCALE = 100,0000' / in.	CHECKED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 66D55				
		PLOT DATE = 12/11/2020	DATE -					ILLINOIS FED. AID PROJECT				



FILE NAME = pww\planroom\dot\illinois.gov\PWDOT\Documents\DOT Default	USER NAME = NOLASCOCJ	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	PAVEMENT MARKING DETAILS			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN -	REVISED -					649	(5&107)RS-2	VARIOUS	37	37
		PLOT SCALE = 100,0000' / in.	CHECKED -		SCALE: SHEET OF SHEETS STA. TO STA.			CONTRACT NO. 66D55				
		PLOT DATE = 12/11/2020	DATE -					ILLINOIS FED. AID PROJECT				