

INDEX OF SHEETS

09-18-2020 LETTING ITEM 019

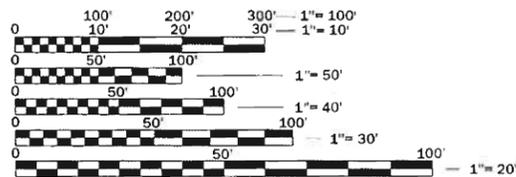
1. COVER SHEET
2. GENERAL NOTES
3. SUMMARY OF QUANTITIES
4. TYPICAL ROADWAY SECTION
5. CULVERT DETAILS
6. TEMPORARY INFORMATION SIGNING

STANDARDS

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
442201-03	CLASS C AND D PATCHES
542306-03	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTION
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
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS \geq 45 MPH
701206-05	LANE CLOSURE, 2L, 2W, NIGHT ONLY, FOR SPEEDS \geq 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701901-08	TRAFFIC CONTROL DEVICES

PROJECT LOCATION

STRUCTURE NO. 006-2569
 5' X 2' CAST-IN-PLACE CONCRETE BOX CULVERT
 APPROXIMATELY 0.79 MILES EAST OF 2550E RD.



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.

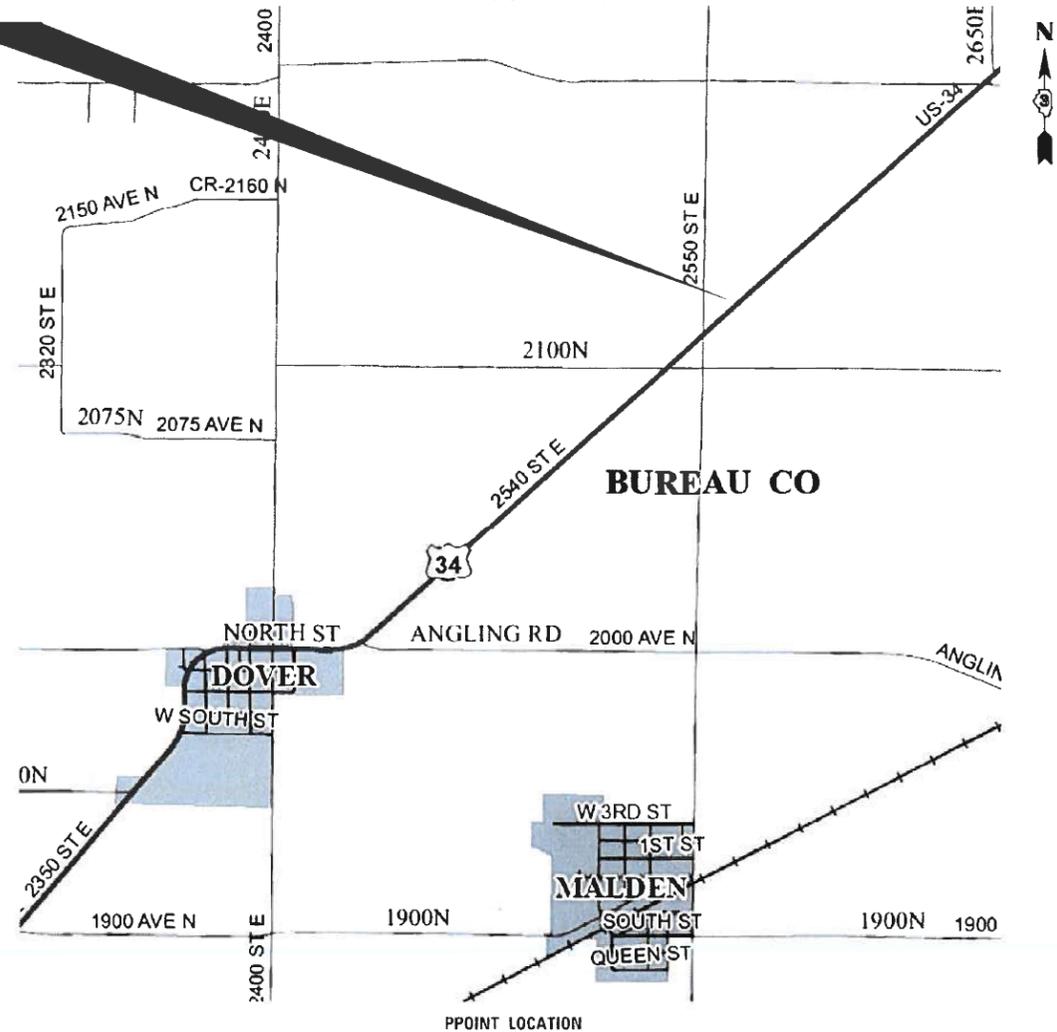
J.U.L.I.E.
 JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION
 1-800-892-0123
 OR 811

PROJECT ENGINEER JOE KANNEL P.E.
UNIT CHIEF RON WOODSHANK
 DISTRICT 3 NO. (815) 434-6131
 CONTRACT NO. 66L09

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

PROPOSED
HIGHWAY PLANS

F.A.S. ROUTE 1249 (US ROUTE 34)
SECTION (23)CR
CULVERT REPAIRS
BUREAU
C-93-093-20



F.A.S. RTE. 1249	SECTION (23)CR	COUNTY BUREAU	TOTAL SHEETS 6	SHEET NO. 1
ILLINOIS			CONTRACT NO. 66L09	

D-93-058-20



LOCATION OF SECTION INDICATED THIS: - [black rectangle]

FUNCTIONAL CLASSIFICATION

RURAL
MAJOR COLLECTOR
F.A.S. ROUTE 1249 (US 34)
2019 ADT = 1150
P.V. 92.2% S.U. 1.7% M.U. 6.1%

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SUBMITTED *July 7th 2020*

[Signature]
 REGIONAL ENGINEER

August 14, 2020

[Signature]
 ENGINEER OF DESIGN AND ENVIRONMENT

August 14, 2020

[Signature]
 DIRECTOR OF HIGHWAYS PROJECT IMPLEMENTATION

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OF THE STATE OF ILLINOIS

GENERAL NOTES

PLAN DIMENSIONS AND DETAILS RELATIVE TO EXISTING PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY EXISTING DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF WORK; HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

EXCEPT AS NOTED ON THE PLANS, PAVEMENT GRADES SHOWN ARE AT THE TOP OF PAVEMENT SURFACES.

BEFORE ORDERING PIPE CULVERTS OR PIPE DRAINS, THE CONTRACTOR SHALL CONSULT THE ENGINEER FOR EXACT LENGTHS.

FOR STABILIZATION, ALL TYPE III BARRICADES WILL REQUIRE A MINIMUM OF FOUR SAND BAGS PER BARRICADE.

PERMANENT SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES (100 MILLIMETERS) IN AREAS TO BE SEEDED OR SODDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT WILL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.

ALL ELEVATIONS REFERRING TO U.S.G.S. MEAN SEA LEVEL DATUM.

ABANDONED UNDERGROUND UTILITIES THAT CONFLICT WITH CONSTRUCTION SHALL BE DISPOSED OF OUTSIDE THE LIMITS OF THE RIGHT OF WAY ACCORDING TO ARTICLE 202.03 OF THE STANDARD SPECIFICATIONS AND AS DIRECTED BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY, BUT WILL BE INCLUDED IN THE COST OF EARTH EXCAVATION.

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

GRANULAR MATERIALS	2.05	TONS / CU YD
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COMMITMENTS

FOLDER: 34-2

CONTRACT NO. 66L09

US RTE. 34

LOCATION: STREAM, 0.79 MI E OF 2550E RD

BUREAU COUNTY

MONUMENT NUMBER	DESCRIPTION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY
N/A	NO PERMANENT SURVEY MARKERS OR SECTION CORNER MARKERS TO BE SET ON THIS JOB	N/A	N/A	N/A	N/A

NO KNOWN SURVEY OR CENTERLINE CONTROL MONUMENTS ARE ON THE ROAD SURFACE THAT WILL BE DISTURBED BY THE CULVERT REPLACEMENT. R.E. WILL DIRECT PLATS AND PLANS TO SEARCH FOR ADDITIONAL MONUMENTS IF THE JOB LIMITS ARE EXPANDED DURING CONSTRUCTION. UNKNOWN MONUMENTS MAY EXIST. IF FOUND, R.E. MUST TIE AND REQUEST PLATS AND PLANS PERSONNEL TO GPS ANY UNKNOWN MONUMENT WHICH IS SUBJECT TO DESTRUCTION BY THE RECONSTRUCTION WORK, AND INFORM THEM TO RESET THE MONUMENT UPON JOB COMPLETION. NO MONUMENT RECORDS ARE REQUIRED FOR THIS JOB.

HMA MIXTURE REQUIREMENT TABLE

LOCATION(S) :	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S) :	CLASS D PATCH BOTTOM LIFT(S)	CLASS D PATCH TOP LIFT (2")
BINDER GRADE (PG) :	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4% @ N50	4% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	1L 19.0	1L 9.5
FRICTION AGGREGATE:		MIXTURE C
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	QC/QA	QC/QA
SUBLOT SIZE:	N/A	N/A
DENSITY TEST METHOD:	CORES	CORES

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:

EXAMINED BY: _____
DISTRICT CONSTRUCTION ENGINEER

INSPECTORS:

DISTRICT MATERIALS ENGINEER

DISTRICT OPERATIONS ENGINEER

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

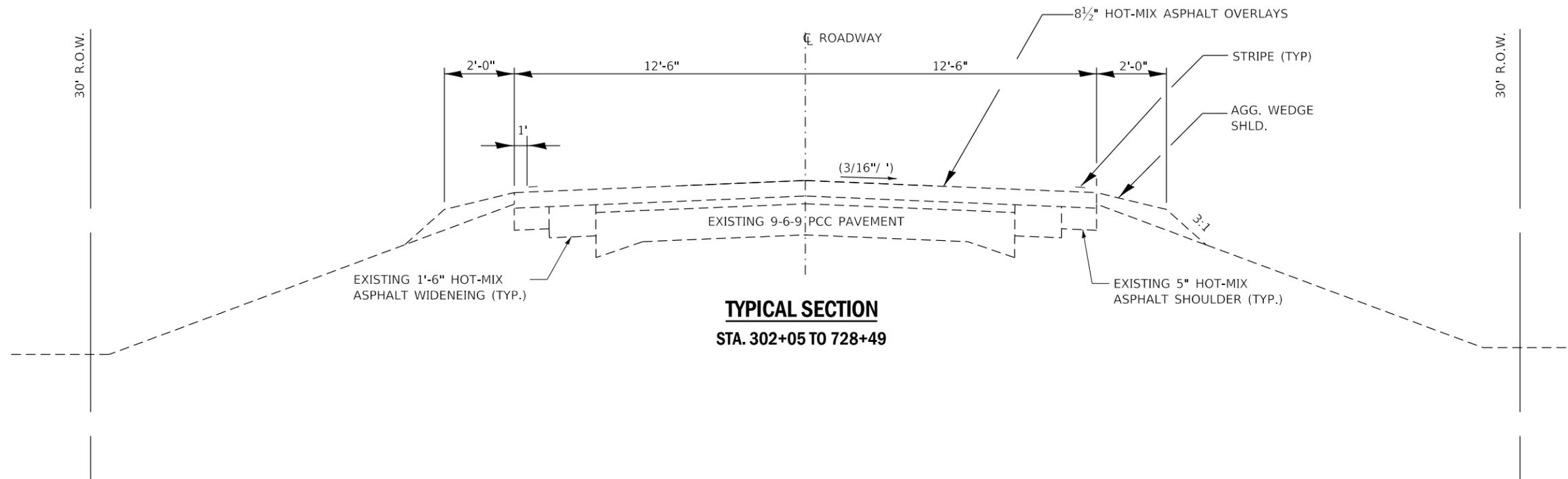
GENERAL NOTES

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1249	(23)CR	BUREAU	6	2
CONTRACT NO. 66L09				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE	
				CONTRACT MAINTENANCE	
				100% STATE	
				ROADWAY	
				0004	
				RURAL	
20800150	TRENCH BACKFILL	CU YD	58		58
44201863	CLASS D PATCHES, TYPE II, 18 INCH	SQ YD	22		22
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2		2
542A5491	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FOOT	41		41
54214521	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQUIVALENT ROUND-SIZE 36"	EACH	2		2
67100100	MOBILIZATION	L SUM	1		1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1		1
70100455	TRAFFIC CONTROL AND PROTECTION, STANDARD 701206	L SUM	1		1
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42		42

FILE NAME =	USER NAME = WOODSHANKRL	DESIGNED - RW	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE = 6/30/2020	DATE - 5/18/2020	REVISED -			SCALE:	SHEET 1 OF 1 SHEETS	STA.	TO STA.	ILLINOIS FED. AID PROJECT	



TYPICAL SECTION
STA. 302+05 TO 728+49

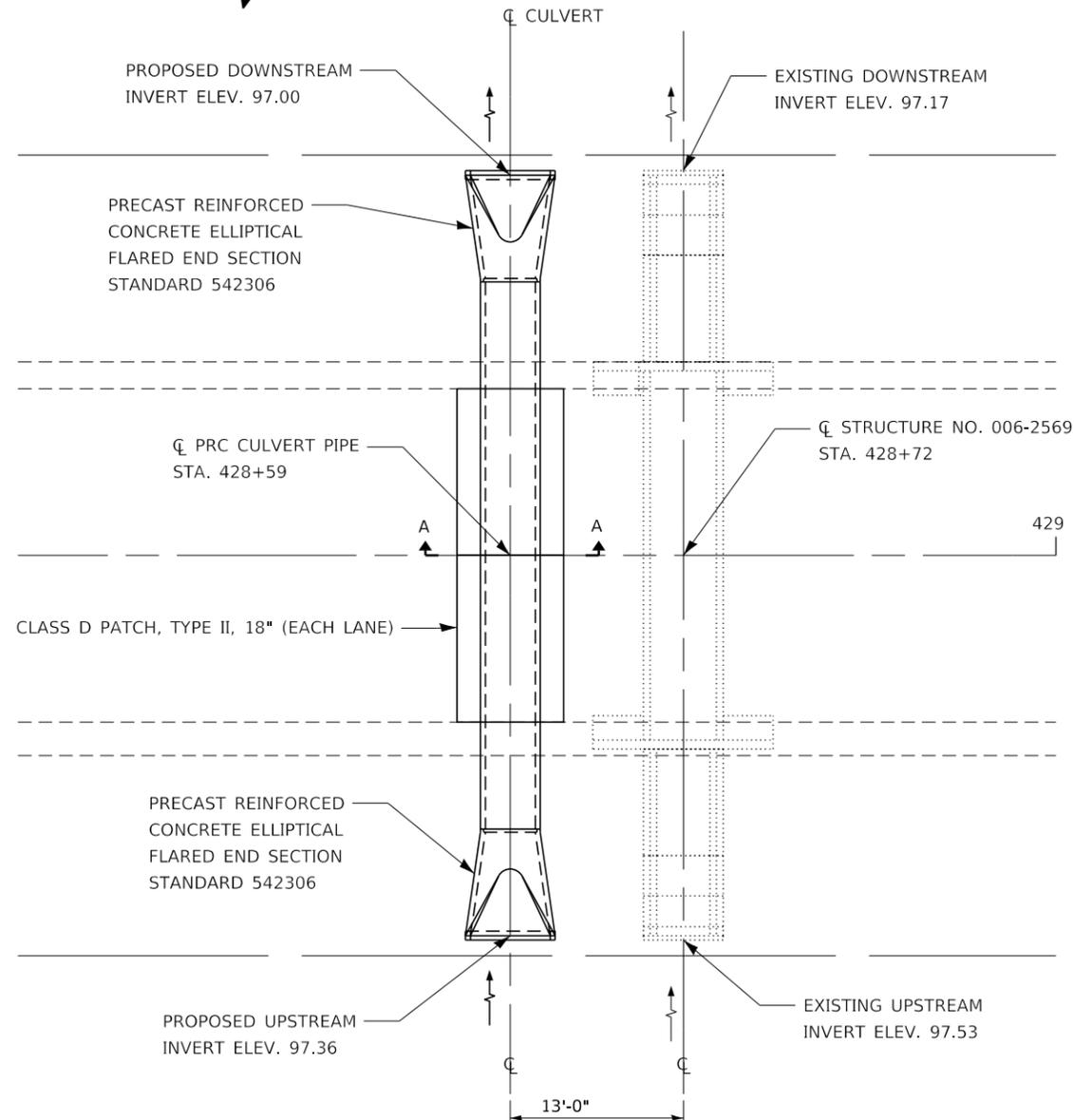
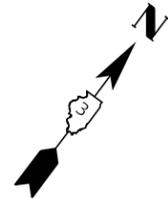
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

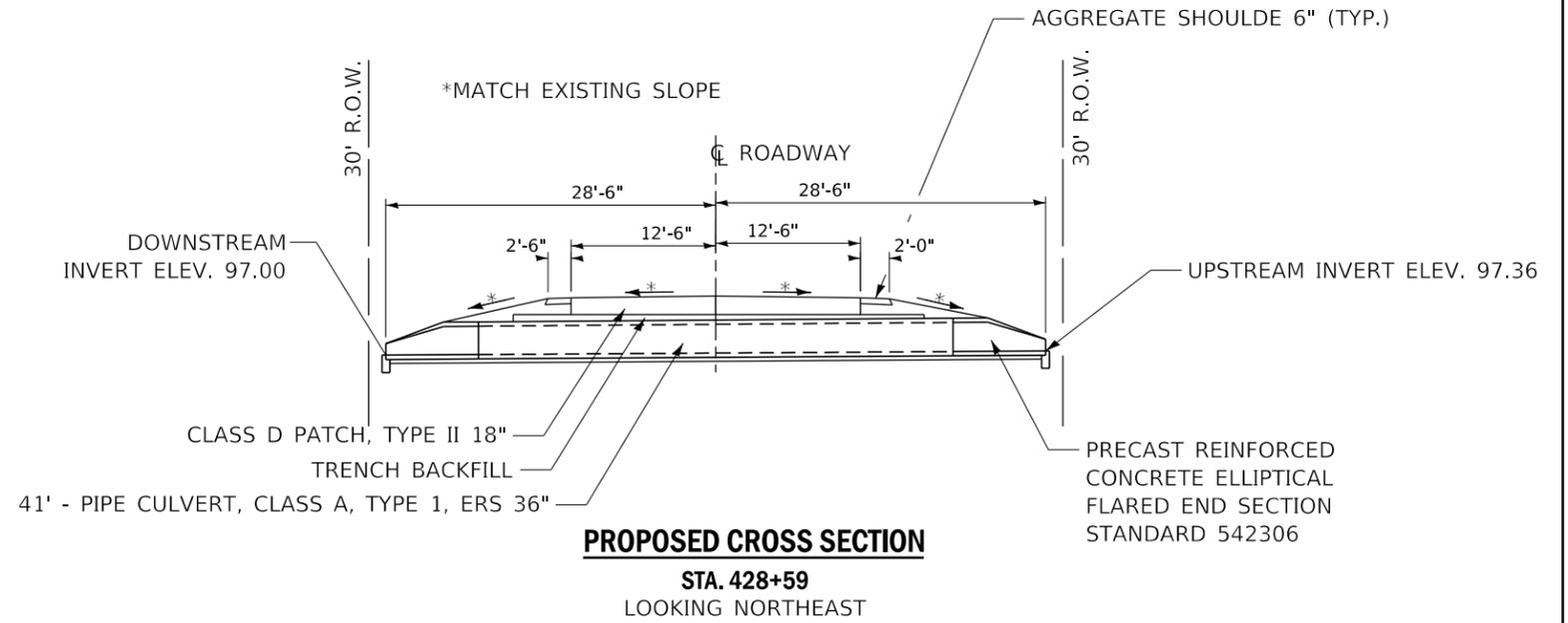
TYPICAL ROADWAY SECTION			
SCALE:	SHEET 1	OF 1 SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1249	(23)CR	BUREAU	6	4
CONTRACT NO. 66L09				
ILLINOIS FED. AID PROJECT				

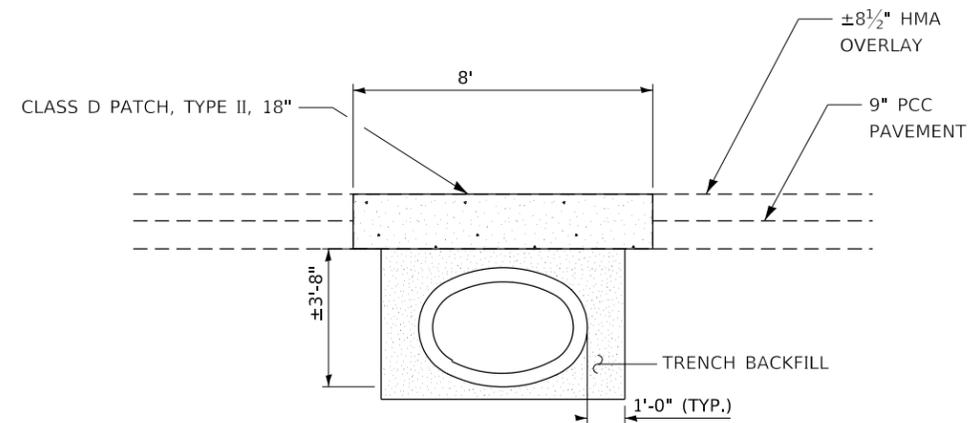
BM #1 S.E. CORNER OF UPSTREAM END SECTION OF STRUCTURE NO. 006-2569. ELEVATION = 100.00



PROPOSED PLAN
STA. 428+59
 LOOKING NORTHEAST



PROPOSED CROSS SECTION
STA. 428+59
 LOOKING NORTHEAST



SECTION A-A

TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
CLASS D PATCH, TYPE II, 18"	SQ YD	22
PIPE CULVERT, CLASS A, TYPE I EQUIVALENT ROUND - SIZE 36"	FOOT	41
PRECAST REINFORCED CONCRETE FLARED END SECTION, EQUIVALENT ROUND SIZE 36"	EACH	2
TRENCH BACKFILL	CU YD	16

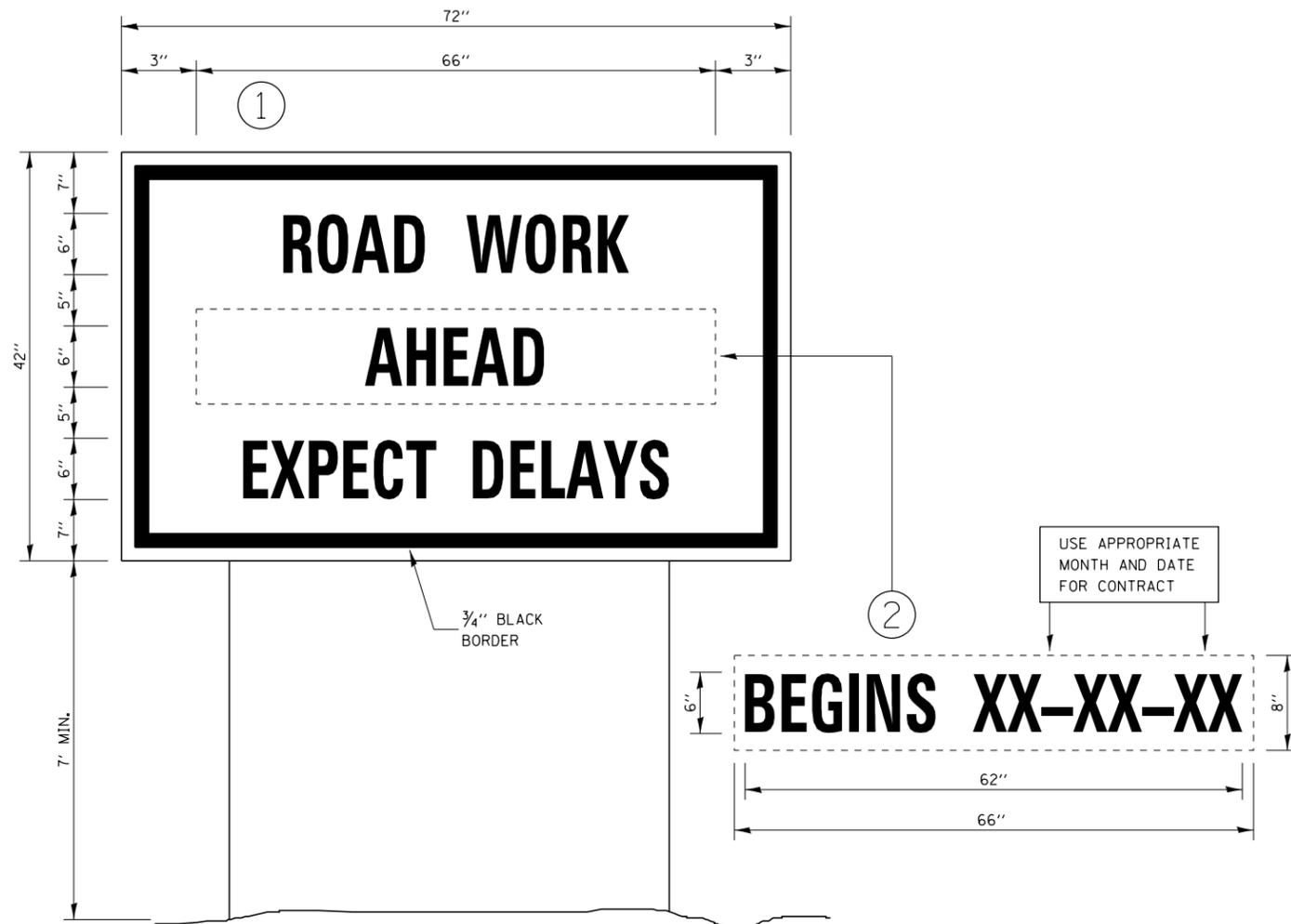
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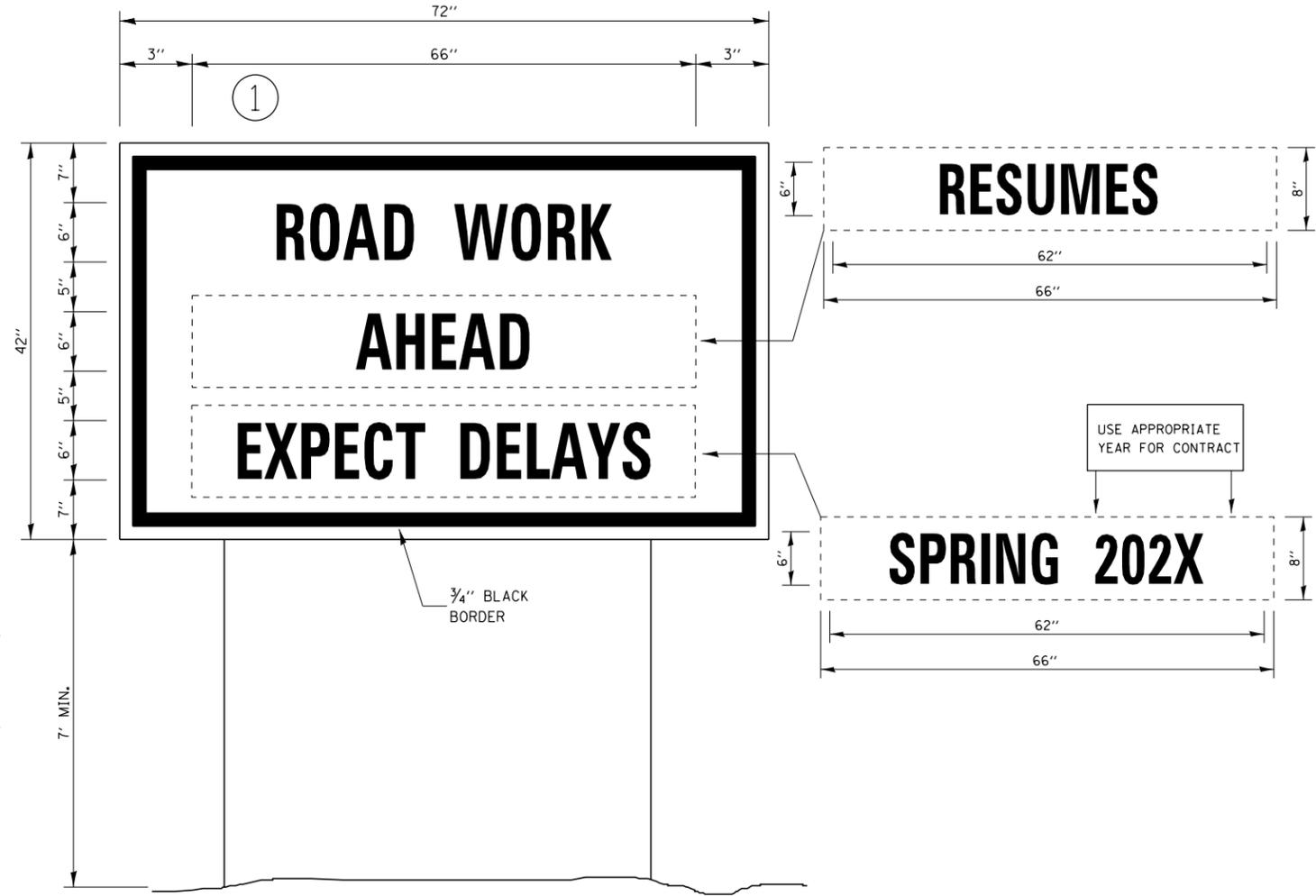
CULVERT DETAILS

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1249	(23)CR	BUREAU	6	5
CONTRACT NO. 66L09				
ILLINOIS FED. AID PROJECT				



TEMPORARY INFORMATION SIGNING



WINTER SHUT DOWN 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.

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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TEMPORARY INFORMATION SIGNING

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

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1249	(23)CR	BUREAU	6	6
CONTRACT NO. 66L09				
ILLINOIS FED. AID PROJECT				