

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

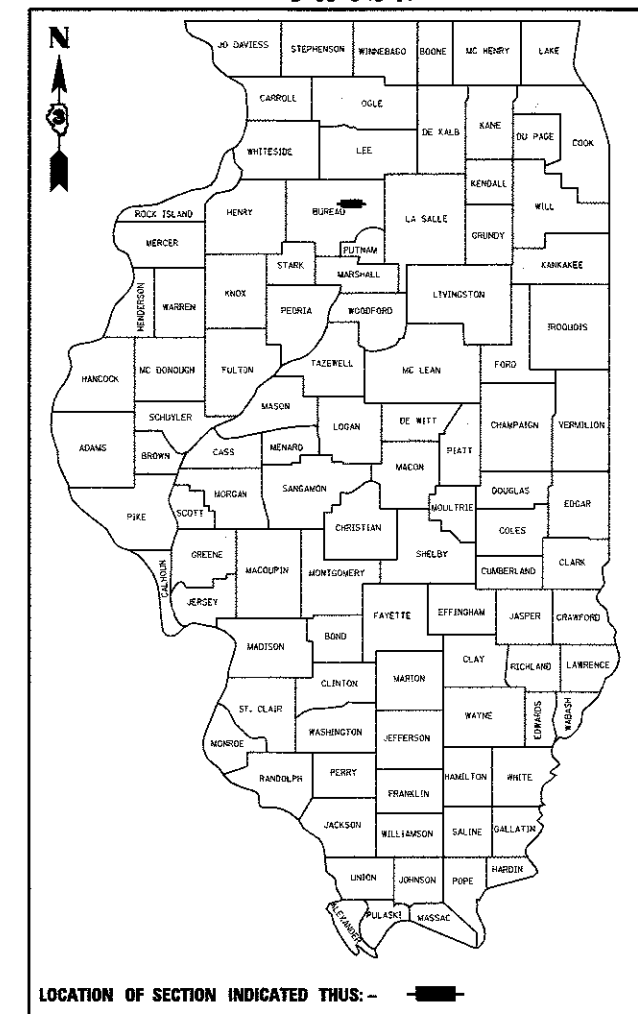
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2247	12C	BUREAU	29	1
		ILLINOIS	CONTRACT NO. 66C57	

P-93-014-13  
D-93-045-17

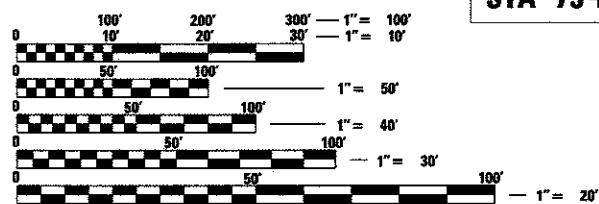
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**F.A.S. 2247 ROUTE (US 6)**  
**SECTION 12C**  
**PROJECT STP-2L46 (977)**  
**BUREAU COUNTY**  
**BOX CULVERT REMOVAL, REPLACEMENT**  
**AND APPROACH ROADWAY RECONSTRUCTION**  
**C-93-080-17**  
**R 9E**

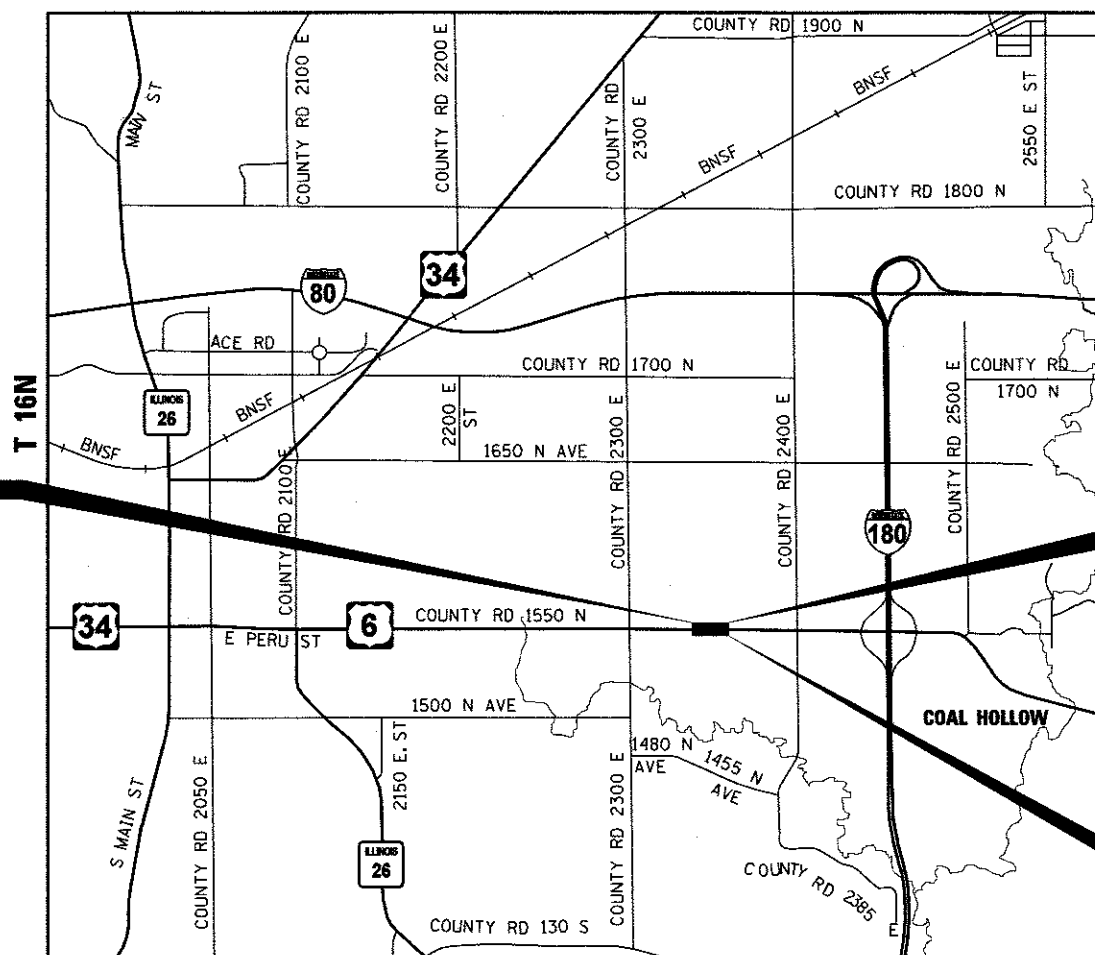


FOR LIST OF STANDARDS, SEE SHEET NO. 2



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 BEGINS**  
**STA 73+90.00**

**STA. 75 + 59**  
**EX. SN 006-2580**  
**PR. SN 006-2600**  
**9'x8' SINGLE BARREL**  
**BOX CULVERT**

**PROJECT ENDS**  
**STA 78+00.00**

**FUNCTIONAL CLASSIFICATION**  
**MINOR ARTERIAL**  
**2015 ADT=3250**  
**P.V. = 95.7% S.U. = 3.1% M.U. = 1.2%**

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUBMITTED 8-22 2017  
  
 REGIONAL ENGINEER

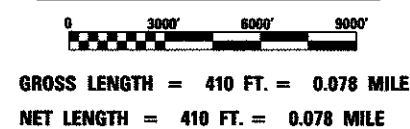
Oct 13 2017  
  
 ENGINEER OF DESIGN AND ENVIRONMENT

Oct 13 2017  
  
 DIRECTOR OF PROGRAM DEVELOPMENT

**PROJECT ENGINEER: DAVE ALEXANDER, P.E.**  
**UNIT CHIEF: RUTH GEDYE**  
**DISTRICT 3 NO. (815) 434-6131**  
**CONTRACT NO. 66C57**



**LOCATION MAP**



Signed:   
 OLUFEMI A. OLADEINDE  
 LICENSE EXPIRES 11-30-2019

08-18-2017  
 Date

**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.

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

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

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

SEEDING WILL NOT BE PERMITTED AT ANY TIME WHEN THE GROUND IS FROZEN, WET, OR IN AN UNTILLABLE CONDITION. LOCATIONS TO BE SEEDED WILL BE DETERMINED BY THE ENGINEER.

ONLY THOSE TREES DESIGNATED BY THE ENGINEER OR LISTED IN THE TREE REMOVAL SCHEDULE SHALL BE REMOVED. THE CONTRACTOR SHALL PROTECT ALL REMAINING TREES FROM DAMAGE DUE TO HIS OPERATIONS.

THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES 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 EARTH 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.

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
LEVEL BINDER (HAND METHOD)	0.0005	TONS / SQ YD
SUPPLEMENTAL WATERING	3	GAL / SQ YD / APPLICATION
CALCIUM CHLORIDE	2	LB / SQ YD / APPLICATION
AGGREGATE DITCH CHECKS	5	TONS AGGREGATE

MEMBERS OF JULIE KNOWN TO BE WITHIN THE LIMITS OF THE IMPROVEMENT ARE: AT&T, FRONTIER, AMEREN, AND NICOR.

THE CONTRACTOR SHALL CONTACT JULIE AT LEAST 48 HOURS PRIOR TO EXCAVATION TO DETERMINE WHICH UTILITIES ARE IN THE AREA.

**HIGHWAY STANDARDS**

000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
001001-02	AREAS OF REINFORCEMENT BARS
001006	DECIMAL OF AN INCH AND OF A FOOT
280001-07	TEMPORARY EROSION CONTROL SYSTEM
482011-03	HMA SHLD. STRIPS/SHLDS. WITH RESURFACING OR WIDENING AND RESURFACING PROJECTS
515001-03	NAME PLATE FOR BRIDGES
630001-11	STEEL PLATE BEAM GUARDRAIL
630201-07	PCC / HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-07	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINAL
666001-01	RIGHT OF WAY MARKERS
701001-02	OFF-RD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEED ≥ 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-03	LANE CLOSURE, 2L, 2W, SLOW MOVING OPERATIONS DAY ONLY, FOR SPEED ≥ 45 MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS DAY ONLY
701901-06	TRAFFIC CONTROL DEVICES
725001-01	OBJECT AND TERMINAL MARKERS
780001-05	TYPICAL PAVEMENT MARKING
781001-04	TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS
782006	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS

**COMMITMENTS**

COMMITMENTS ARE NOT TO BE ALTERED WITHOUT THE WRITTEN APPROVAL OF ALL PARTIES TO WHICH THE COMMITMENT WAS MADE.

1. THE RESIDENT ENGINEER SHALL COORDINATE WITH THE BUREAU COUNTY HIGHWAY DEPARTMENT, THE SELBY AND PRINCETON TOWNSHIP ROAD COMMISSIONERS TO PERFORM AN INSPECTION OF TOWNSHIP ROADS PARALLEL TO US 6 AND WITHIN THE PROJECT VICINITY BEFORE AND AFTER THE DETOUR IS IN EFFECT. THE INSPECTIONS WILL DOCUMENT THE ROAD CONDITION AND DETERMINE IF ANY DAMAGE TO THE LOCAL SYSTEM CAN BE ATTRIBUTED TO THE STATE MARKED DETOUR BEING IN PLACE.

2. THE RESIDENT ENGINEER SHALL CONTACT THE PROPERTY OWNER TWO WEEKS PRIOR TO STARTING WORK TO COORDINATE RELOCATION OF THE EXISTING FENCE ON IDOT ROW.

3. THE EXISTING WEIGHT LIMIT SIGNS AND POSTS ARE TO BE RETURNED TO IDOT, TO THE PRINCETON MAINTENANCE YARD, LOCATED 1-1/2 MILES WEST OF PRINCETON ON U.S. ROUTE 6.

<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT THREE AS BUILT INFORMATION</p> <p>_____ SUPERVISING CONSTRUCTION FIELD ENGINEER</p> <p>_____ RESIDENT ENGINEER / TECHNICIAN</p> <p>START &amp; END DATES OF CONSTRUCTION: _____</p> <p>INSPECTORS: _____</p>	<p>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION DISTRICT THREE</p> <p>PREPARED BY: <u>Dr. Benoit</u> DISTRICT STUDIES &amp; PLANS ENGINEER</p> <p>DATE: <u>August 22, 2017</u></p> <p>EXAMINED BY: <u>KSV</u> DISTRICT CONSTRUCTION ENGINEER</p> <p><u>Michael A. Short</u> DISTRICT MATERIALS ENGINEER</p> <p><u>Ron Sprague</u> DISTRICT OPERATIONS ENGINEER</p>
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FILE NAME = 01LEL

	USER NAME = #USER#	DESIGNED - AA	REVISED -	<p><b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b></p>	<p><b>GENERAL NOTES AND HIGHWAY STANDARDS</b></p>	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	PLOT SCALE = #SCALE#	CHECKED - OAO	REVISED -			2247	12C	BUREAU	29	2
	PLOT DATE = #DATE#	DATE - 08/18/2017	REVISED -		SCALE: SHEET OF SHEETS STA. TO STA.	CONTRACT NO. 66C57				

CONSTRUCTION CODE

80/20 FED/STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	BOX CULVERT 0004 ✓ S. N. 006-2600
20200100	EARTH EXCAVATION	CU YD	1410	1410
20400800	FURNISHED EXCAVATION	CU YD	1190	1190
20700220	POROUS GRANULAR EMBANKMENT	CU YD	1716	1716
21301052	EXPLORATION TRENCH 52" DEPTH	FOOT	300	300
25000210	SEEDING, CLASS 2A	ACRE	0.75	0.75
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	53	53
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	53	53
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	53	53
25100630	EROSION CONTROL BLANKET	SQ YD	2833	2833
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	59	59
28000305	TEMPORARY DITCH CHECKS	FOOT	223	223
28000400	PERIMETER EROSION BARRIER	FOOT	292	292
28100107	STONE RIPRAP, CLASS A4	SQ YD	139	139
28200200	FILTER FABRIC	SQ YD	139	139
31100300	SUBBASE GRANULAR MATERIAL, TYPE A 4"	SQ YD	185	185

\* SPECIALTY ITEM

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 DRAWN - AA  
 CHECKED - OAO  
 DATE - 08/18/2017

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

SUMMARY OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE. 2247	SECTION 12C	COUNTY	TOTAL SHEETS 29	SHEET NO. 3
BUREAU			CONTRACT NO. 66C57	
ILLINOIS FED. AID PROJECT				

REV

CONSTRUCTION CODE

80/20 FED/STATE

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
				BOX CULVERT 0004 S. N. 006-2600
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	416	416
40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	800	800
40600525	LEVELING BINDER (HAND METHOD), N50	TON	3.3	3.3
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	50	50
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	88	88
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	124	124
44000100	PAVEMENT REMOVAL	SQ YD	185	185
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SQ YD	1154	1154
44004250	PAVED SHOULDER REMOVAL	SQ YD	43	43
48101200	AGGREGATE SHOULDERS, TYPE B	TON	11	11
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SQ YD	701	701
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1
50800105	REINFORCEMENT BARS	POUND	35200	35200
51500100	NAME PLATES	EACH	1	1
54003000	CONCRETE BOX CULVERTS	CU YD	161.4	161.4

15

\* SPECIALTY ITEM

FILE NAME = RFILE15



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 CHECKED - OAD  
 DATE - 08/18/2017

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STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

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

F.A.S. RTE. 2247	SECTION 12C	COUNTY	TOTAL SHEETS 29	SHEET NO. 4
BUREAU			CONTRACT NO. 66C57	
ILLINOIS FED. AID PROJECT				

REV

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTRUCTION CODE
				80/120 FED/STATE BOX CULVERT 0004 S. N. 006-2600
55100500	STORM SEWER REMOVAL 12"	FOOT	100.0	100.0
55100700	STORM SEWER REMOVAL 15"	FOOT	50.0	50.0
61100605	MISCELLANEOUS CONCRETE	CU YD	1.0	1.0
61133200	FIELD TILE JUNCTION VAULTS, 3' DIA.	EACH	3.0	3
61140200	STORM SEWERS (SPECIAL), 12"	FOOT	100.0	100.0
61140400	STORM SEWERS (SPECIAL), 15"	FOOT	50.0	50.0
63000001	STEEL PLATE BEAM GUARD RAIL, TYPE A, 6 FOOT POSTS	FOOT	225	225
63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	4	4
63200310	GUARDRAIL REMOVAL	FOOT	733	733
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	7	7
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	2	2
67100100	MOBILIZATION	L SUM	1	1
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	1
70100460	TRAFFIC CONTROL AND PROTECTION, STANDARD 701306	L SUM	1	1
* 72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	4	4

\* SPECIALTY ITEM

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 DATE - 08/18/2017

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**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**  
 SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE. 2247	SECTION 12C	COUNTY	TOTAL SHEETS 29	SHEET NO. 5
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66C57	

REV

CONSTRUCTION CODE

80/100 FED/STATE

BOX CULVERT  
0004  
S. N. 006-2600

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	
• 78001110	PAINT PAVEMENT MARKING - LINE 4"	FOOT	1640	1640
• 78001130	PAINT PAVEMENT MARKING - LINE 6"	FOOT	220	220
• 78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	7	7
* 78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	8	8
X6660410	REMOVE RIGHT-OF-WAY MARKERS	EACH	1	1
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1	1
Z0030850	TEMPORARY INFORMATION SIGNING	SQ FT	42	42

\* SPECIALTY ITEM

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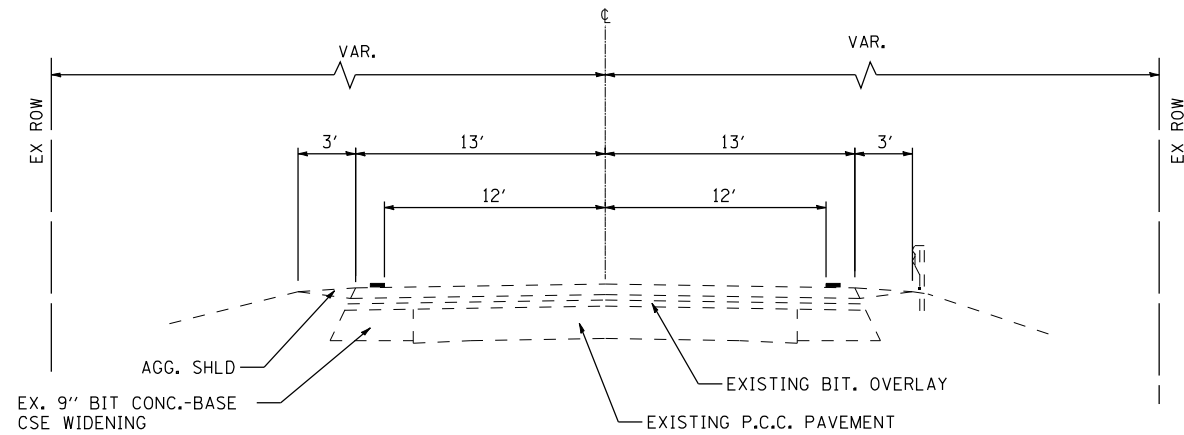
**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**SUMMARY OF QUANTITIES**

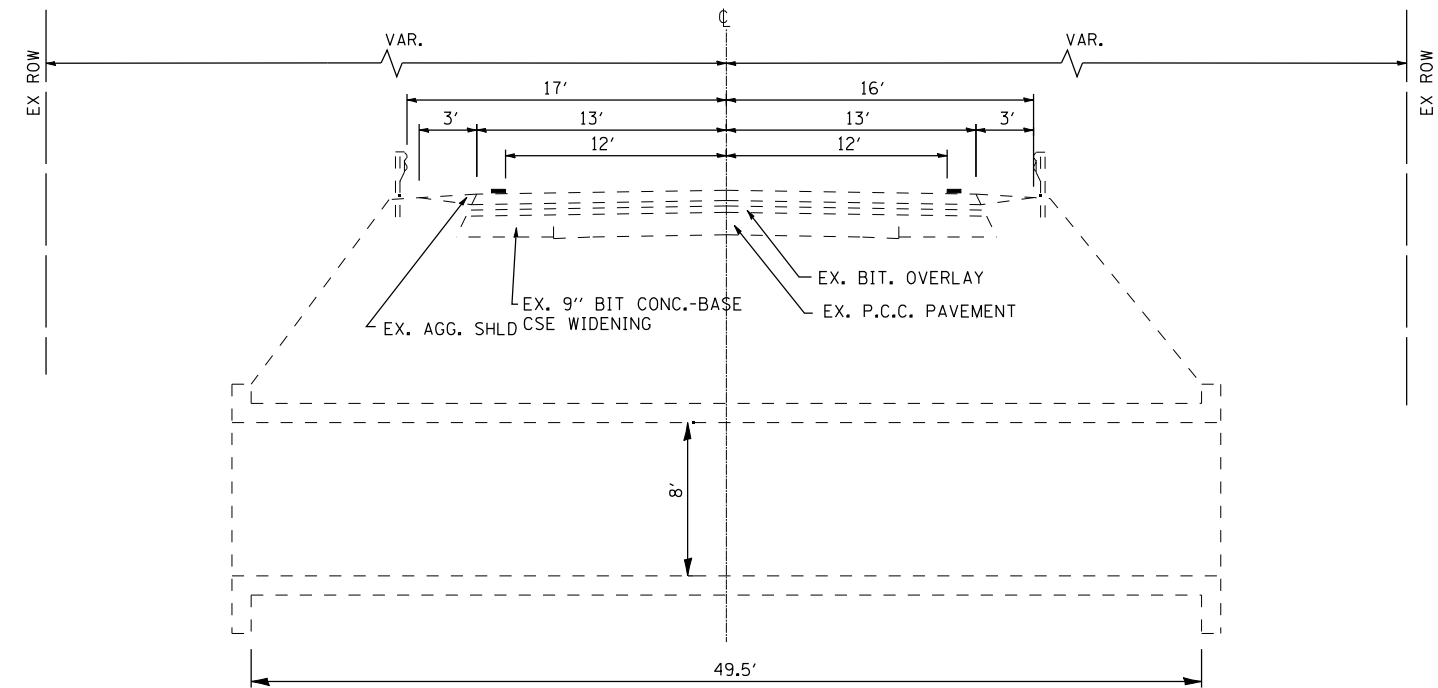
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2247	12C	BUREAU	29	6
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66C57	

*REV*

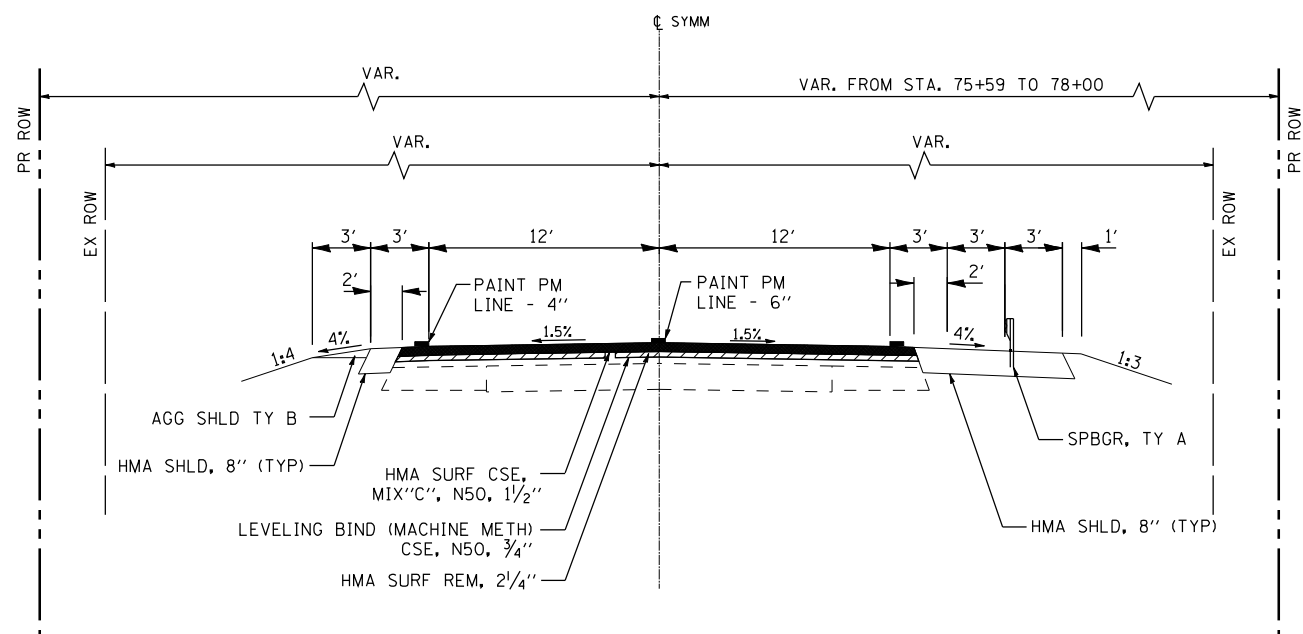


**EXISTING ROADWAY TYPICAL SECTION**



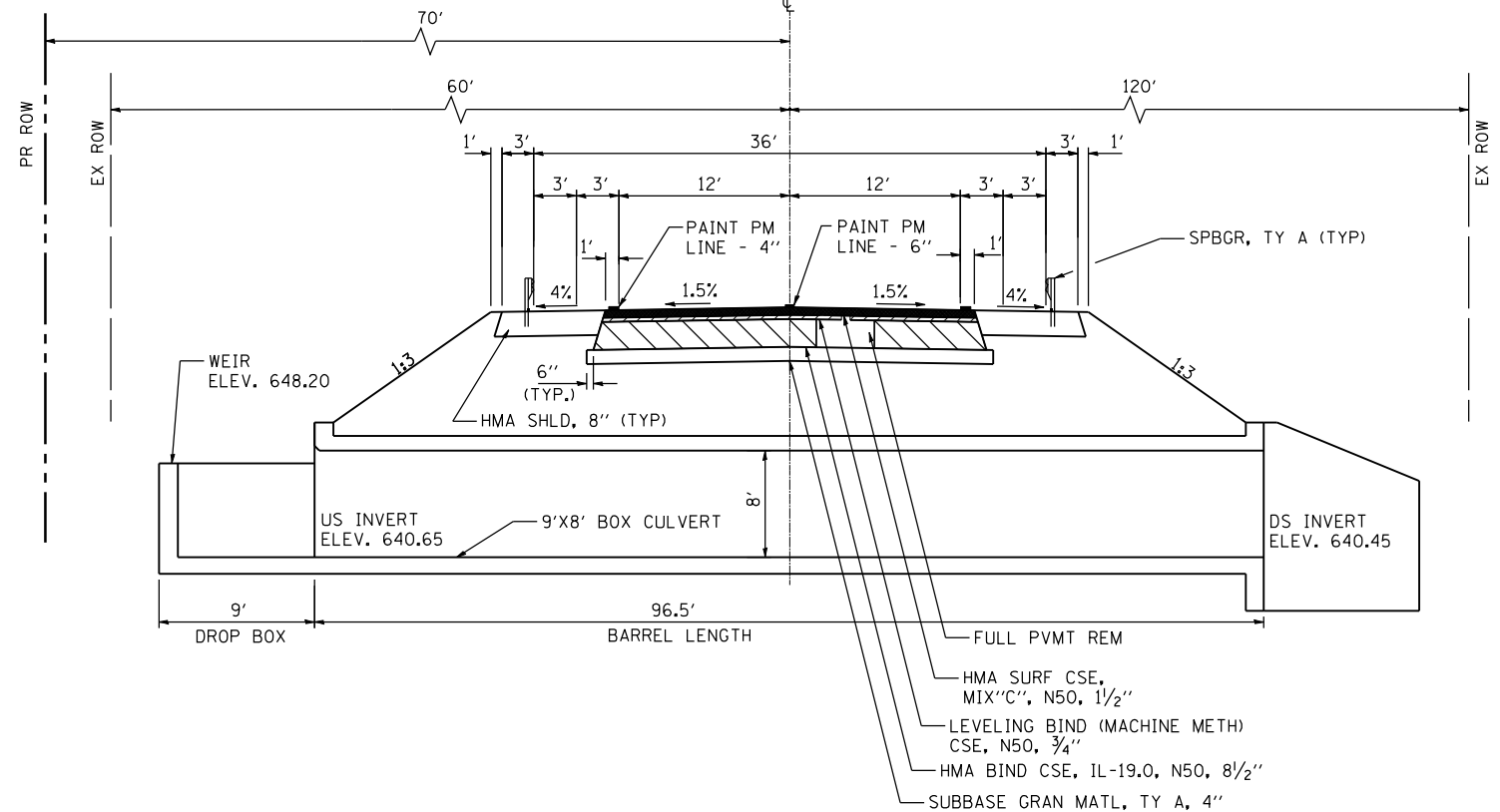
**EXISTING CULVERT TYPICAL SECTION**

EX. SN 006-2580



**PROPOSED ROADWAY TYPICAL SECTION**

REMOVE AND REPLACE PAVEMENT SURFACE 2 1/4"  
 STA 73+90.00 TO STA 75+27.00  
 STA 75+91.00 TO STA 78+00.00



**PROPOSED CULVERT TYPICAL SECTION**

REMOVE AND REPLACE FULL PAVEMENT  
 STA 75+27.00 TO STA 75+91.00  
 PR. SN 006-2600

**HMA MIXTURE REQUIREMENT TABLE**

LOCATION(S):	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT	ENTIRE PROJECT
MIXTURE USE(S):	HMA BINDER/ BOTTOM LIFT SHOULDER	HMA LEVEL BINDER	HMA SURFACE	HMA GUARDRAIL STABILIZATION	HMA SHOULDER TOP LIFT
BINDER GRADE (PG):	PG64-22	PG64-22	PG64-22	PG64-22	PG64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION: (MIXTURE GRADATION)	IL 19.0	IL 9.5FG	IL 9.5	IL 19.0	IL 9.5
FRICTION AGGREGATE:			MIXTURE C		
MIXTURE WEIGHT:	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN	112.0 LB/SY/IN
QUALITY MANAGEMENT PROGRAM:	OQCA	OQCA	OQCA	OQCA	OQCA
SUBLOT SIZE:	NA	NA	NA	NA	NA
DENSITY TEST METHOD:	CORES	GROWTH CURVE	CORES	SATISFACTION OF ENGINEER	CORES

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	DATE - 08/18/2017	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

**TYPICAL SECTIONS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2247	12C	BUREAU	29	7
CONTRACT NO. 66C57				
ILLINOIS FED. AID PROJECT				

EARTHWORK				
LOCATION	EARTH EXCAVATION	EXCAVATION TO BE USED IN EMBANKMENT ADJUSTED FOR 25% SHRINKAGE	EMBANKMENT	FURNISHED EXCAVATION BALANCE WASTE (+) SHORTAGE (-)
	CU YD	CU YD	CU YD	CU YD
STA 73+90 TO 78+00	414	313	2250	-1190
STA 75+59	996	747		
TOTAL	1410	1060	2250	-1190

AGGREGATE SHOULDER, TYPE B	
LOCATION	TON
STA 73+90 TO 74+38.5 15' LT	2.07
STA 73+90 TO 73+97.3 15' RT	0.31
STA 77+20.8 TO 78+00 15' RT	3.38
STA 76+79.8 TO 78+00 15' RT	5.14
TOTAL	11

PAVING MATERIALS								
LOCATION	SUBBASE GRANULAR MATERIAL, TYPE A 4"	BITUMINOUS MATERIALS (PRIME COAT)	BITUMINOUS MATERIALS (TACK COAT)	LEVELING BINDER (MACHINE METHOD), N50	LEVELING BINDER (HAND METHOD), N50	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	HOT-MIX ASPHALT SHOULDERS, 8"	HOT MIX ASPHALT BINDER COURSE, IL-19.0, N50
	SQ YD	POUND	POUND	TON	TON	TON	SQ YD	TON
STA 73+90 TO 75+27			267	17	1.35	41		
STA 75+27 TO 75+91	185	416	125	8		20		88.0
STA 75+91 TO 78+00			408	25	1.95	63		
STA 73+90 TO 78+00 RT							251	
STA 73+90 TO 78+00 LT							350	
TOTAL	185	416	800	50	3.3	124	701	88.0

GUARDRAIL ITEMS					
LOCATION	GUARDRAIL REMOVAL	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	GUARDRAIL REFLECTORS, TYPE A	TERMINAL MARKER - DIRECT APPLIED
	FOOT	FOOT	EACH	EACH	EACH
STA 74+73.3 TO 76+85.9 LT	366				
STA 73+98.0 TO 77+63.0 RT	367				
STA 75+23.3 TO 76+35.8 LT		112.5			
STA 74+82.3 TO 75+94.8 RT		112.5			
STA 74+73.3 TO 75+23.3 LT			1		1
STA 76+35.8 TO 76+85.8 LT			1		1
STA 74+32.3 TO 74+82.3 RT			1		1
STA 75+94.8 TO 76+44.8 RT			1		1
STA 73+90 TO 78+00 RT				4	
STA 73+90 TO 78+00 LT				4	
TOTAL	733	225	4	8	4

PAVEMENT MARKINGS			
LOCATION	DESCRIPTION	PAINT PAVEMENT MARKING - LINE 4"	PAINT PAVEMENT MARKING - LINE 6"
		FOOT	FOOT
STA 73+90 TO STA 78+00 LT	SOLID WHITE	820	
STA 73+90 TO STA 78+00 RT	SOLID WHITE	820	
STA 73+90 TO STA 78+00 CT	SKIP-DASH YELLOW		220
TOTAL		1640	220

LANDSCAPING ITEMS					
LOCATION	SEEDING, CLASS 2A	NITROGEN FERTILIZER NUTRIENT	PHOSPHORUS FERTILIZER NUTRIENT	POTASSIUM FERTILIZER NUTRIENT	TEMPORARY EROSION CONTROL SEEDING
	ACRE	POUND	POUND	POUND	POUND
STA 73+90 TO 78+00 LT	0.375	27	27	27	30
STA 73+90 TO 78+00 RT	0.375	26	26	26	29
TOTAL	0.75	53	53	53	59

EROSION CONTROL ITEMS					
LOCATION	EROSION CONTROL BLANKET	TEMPORARY DITCH CHECKS	PERIMETER EROSION BARRIER	STONE RIPRAP, CLASS A4	FILTER FABRIC
	SQ YD	FOOT	FOOT	SQ YD	SQ YD
STA 73+90 TO 78+00 LT	1384				
STA 73+90 TO 78+00 RT	1449				
STA 75+25 TO 78+00 RT			292		
STA 75+41 TO 75+78 LT				72	72
STA 73+96 TO 74+06 RT				60	60
STA 75+25 TO 75+73 RT				7	7
STA 74+91 52' LT		28.5'			
STA 76+55 47' LT		29'			
STA 77+20 42' LT		32.5'			
STA 74+37 41' RT		25'			
STA 74+68 48' RT		25'			
STA 74+95 53' RT		25'			
STA 75+61 90' RT TO 75+90 65.5' RT		58'			
TOTAL	2833	223'	292	139	139

PAVEMENT REMOVAL ITEMS			
LOCATION	PAVEMENT REMOVAL	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	PAVED SHOULDER REMOVAL
	SQ YD	SQ YD	SQ YD
STA 73+90 TO STA 75+27		457	
STA 75+27 TO STA 75+91	185		43
STA 75+91 TO STA 78+00		697	
TOTAL	185	1154	43

FURNISHING AND ERECTING RIGHT OF WAY MARKERS	
LOCATION	EACH
STA 73+75 38' RT	1
STA 74+00 50' LT	1
STA 75+20 70' LT	1
STA 75+40 120' RT	1
STA 76+20 70' LT	1
STA 76+20 120' RT	1
STA 79+00 45' LT	1
TOTAL	7

REMOVE RIGHT OF WAY MARKERS	
LOCATION	EACH
STA 74+04.2 40' RT	1
TOTAL	1

POROUS GRANULAR EMBANKMENT	
LOCATION	CU YD
STA 75+32 TO STA 75+86	1716
TOTAL	1716

TREATMENT OF EXISTING FIELD TILE SYSTEM							
LOCATION	STORM SEWER REMOVAL 12"	STORM SEWER REMOVAL 15"	FIELD TILE JUNCTION VAULT, 3' DIA.	STORM SEWER (SPECIAL) 12"	STORM SEWER (SPECIAL) 15"	EXPLORATION TRENCH 52" DEPTH	MISCELLANEOUS CONCRETE
	FOOT	FOOT	EACH	FOOT	FOOT	FOOT	CU YD
STA 73+90 TO 75+59 NW QUADRANT	50		1	50		100	
STA 75+59 TO 78+00 NE QUADRANT	50		1	50		100	
STA 73+90 TO 75+59 SW QUADRANT		50	1		50	100	1.0
TOTAL	100	50	3	100	50	300	1.0

NOTE:  
PAVEMENT MARKING QUANTITIES ARE FOR TWO SEPARATE APPLICATIONS.  
EXISTING PAVEMENT MARKING WILL BE RECORDED BY ENGINEER BEFORE ANY PAVEMENT REMOVAL OR SURFACE REMOVAL AND PAVEMENT MARKING REPLACED IN THE SAME LOCATION.

FILE NAME = \$FILEL\$



USER NAME = \$USER\$	DESIGNED - AA	REVISED -
	DRAWN - AA	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - OAO	REVISED -
PLOT DATE = \$DATE\$	DATE - 08/18/2017	REVISED -

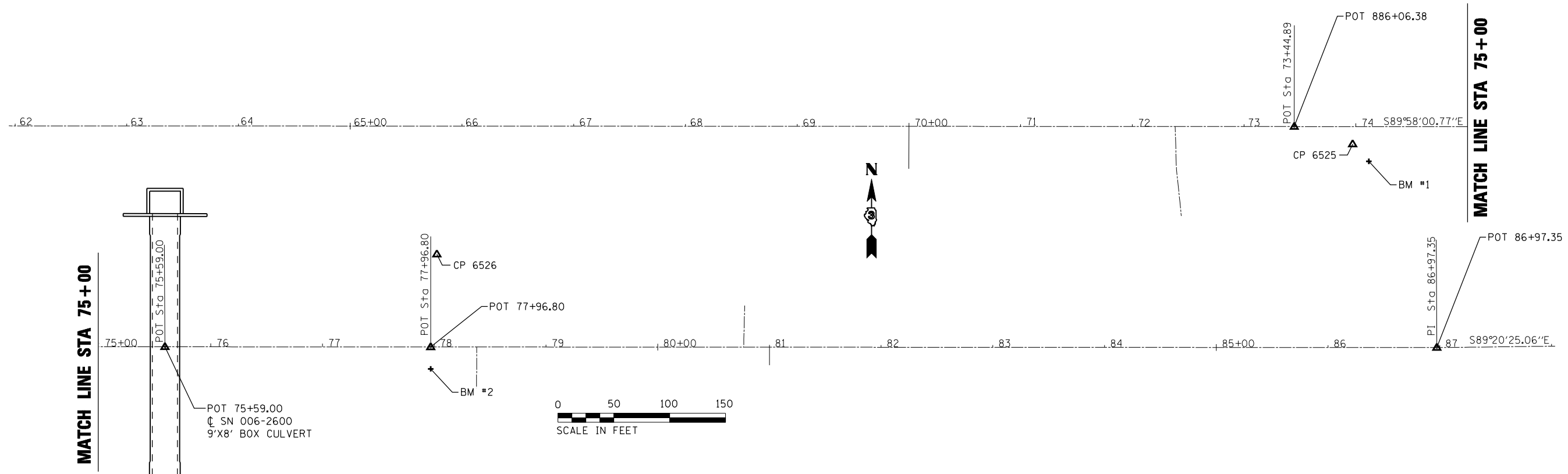
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

SCHEDULE OF QUANTITIES

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2247	12C	BUREAU	29	8
CONTRACT NO. 66C57				
ILLINOIS FED. AID PROJECT				





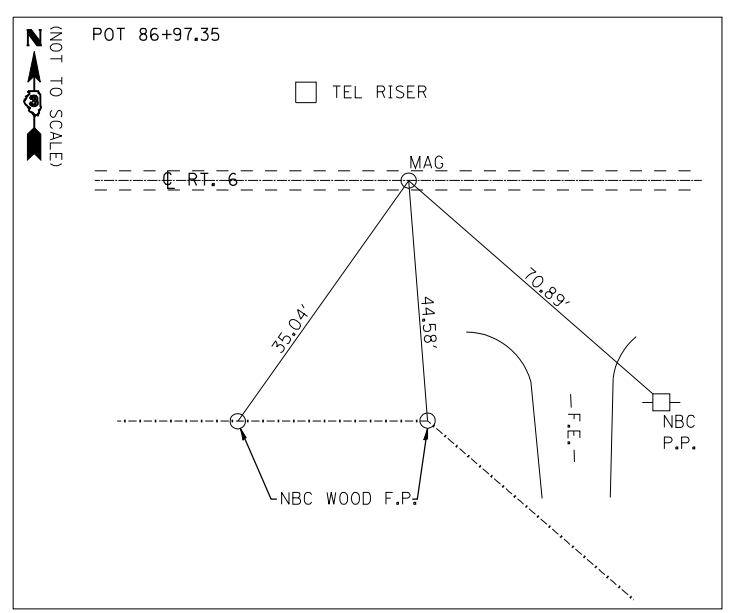
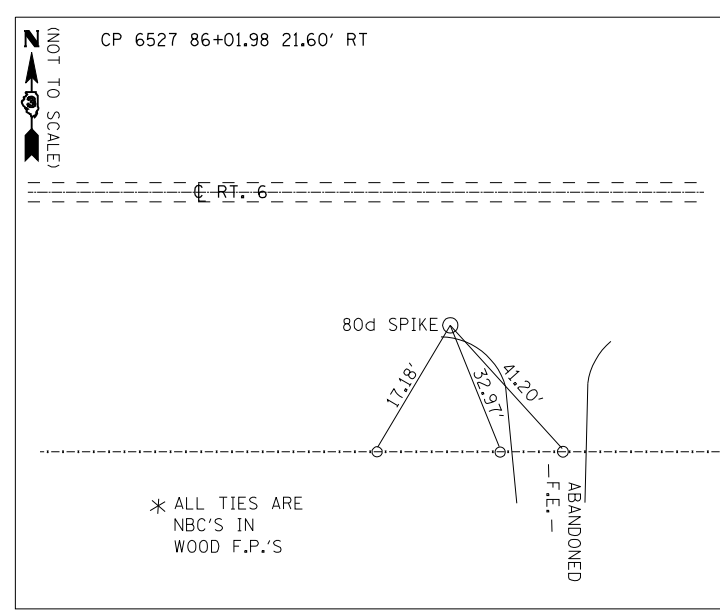
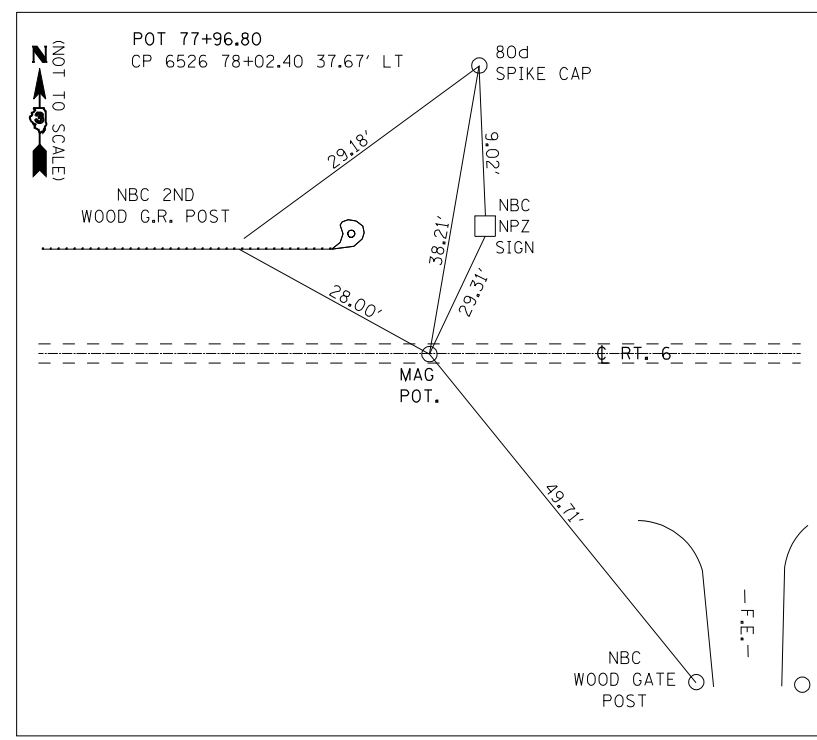
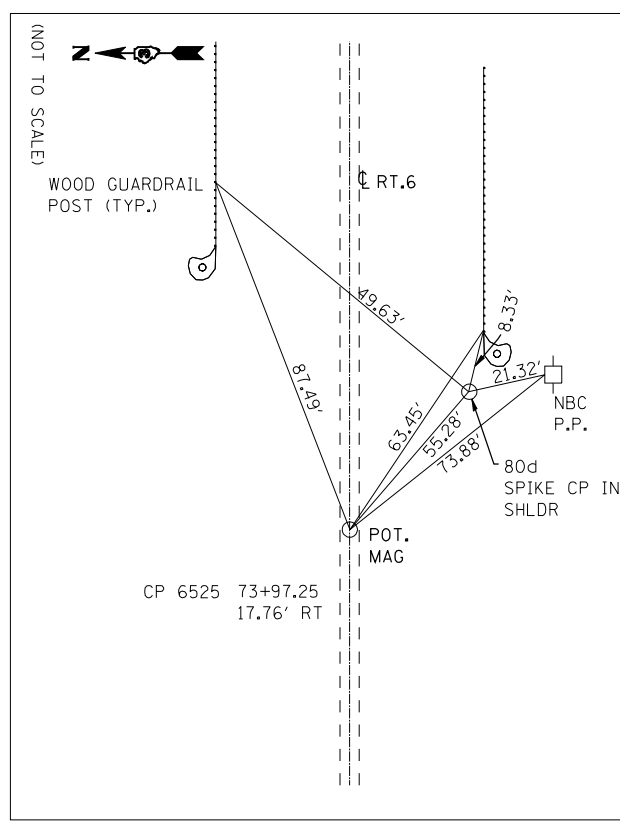
MATCH LINE STA 75+00

MATCH LINE STA 75+00

BENCH MARK #1, ELEV. 665.800  
 STA. 74+11.61 57.66' RT  
 RR SPIKE IN S. SIDE OF P.P.

BENCH MARK #2, ELEV. 654.262  
 STA. 77+96.81 36.93' RT  
 TOP APEX ROW MKR.

INDEX NUMBER	DESCRIPTION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY
	NO CENTERLINE PERMANENT SURVEY MARKERS OR SECTION CORNERS ARE TO BE SET FOR THIS JOB				
PRE-CONSTRUCTION - THE R.E. MUST TIE AND BRING TO THE ATTENTION OF THE PLATS AND PLANS MANAGER ANY UNLISTED MONUMENTS FOUND.					



FILE NAME = \$FILEL\$



USER NAME = \$USER\$	DESIGNED - AA	REVISED -
DRAWN - AA	REVISIONS -	
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PLOT DATE = \$DATE\$	DATE - 08/18/2017	REVISED -

**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

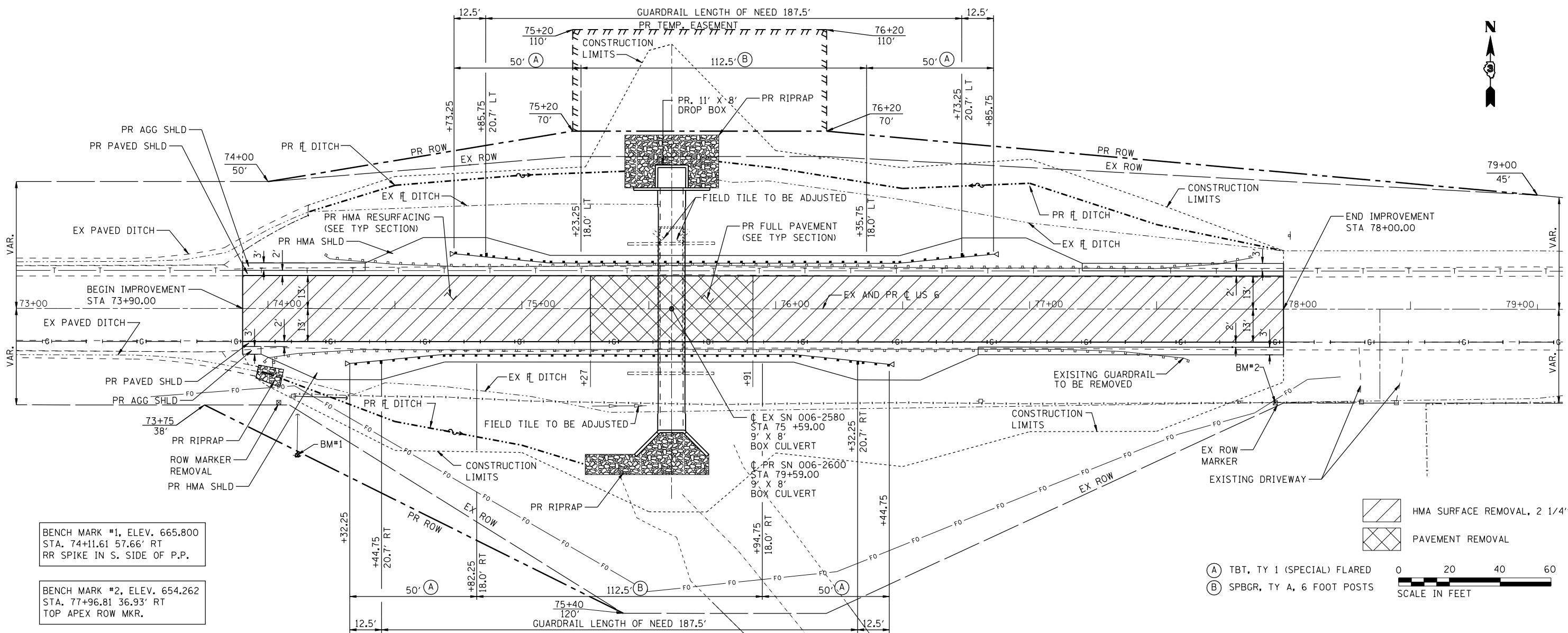
**ALIGNMENT, TIES, AND BENCHMARKS**

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2247	12C	BUREAU	29	9
CONTRACT NO. 66C57				
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	BY
	GRADES CHECKED	
	STRUCTURE NOTATIONS CHECKED	
	NOTE BOOK NO.	
	CADD FILE NAME	

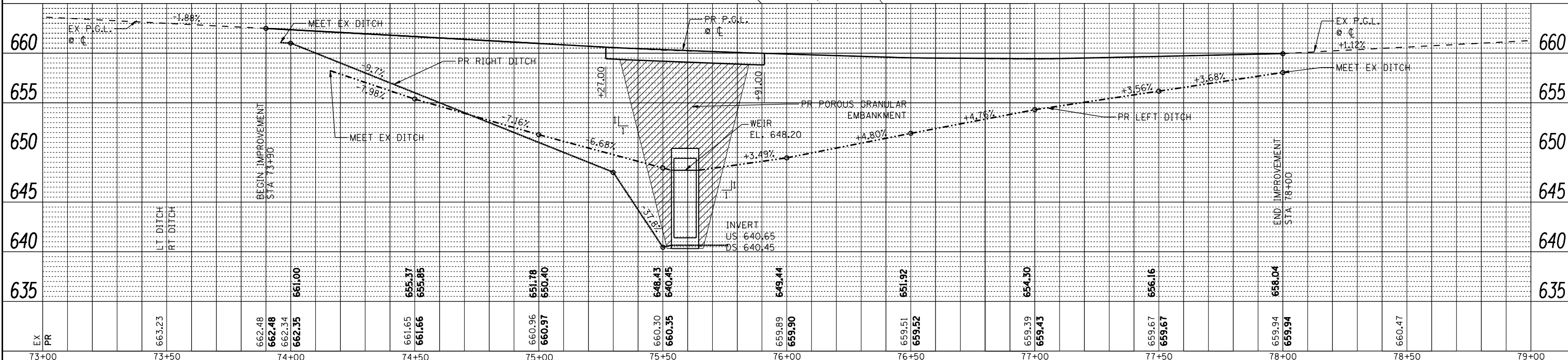


BENCH MARK #1, ELEV. 665.800  
STA. 74+11.61 57.66' RT  
RR SPIKE IN S. SIDE OF P.P.

BENCH MARK #2, ELEV. 654.262  
STA. 77+96.81 36.93' RT  
TOP APEX ROW MKR.

HMA SURFACE REMOVAL, 2 1/4"  
 PAVEMENT REMOVAL

(A) TBT, TY 1 (SPECIAL) FLARED  
 (B) SPBGR, TY A, 6 FOOT POSTS  
 0 20 40 60  
 SCALE IN FEET



EX	PR	663.23	662.48	662.34	662.35	661.65	661.66	660.96	660.97	660.30	660.35	659.89	659.90	659.51	659.52	659.39	659.43	659.67	659.67	659.94	659.94	660.47	
73+00		73+50	74+00	74+50	75+00	75+50	76+00	76+50	77+00	77+50	78+00	78+50	79+00										



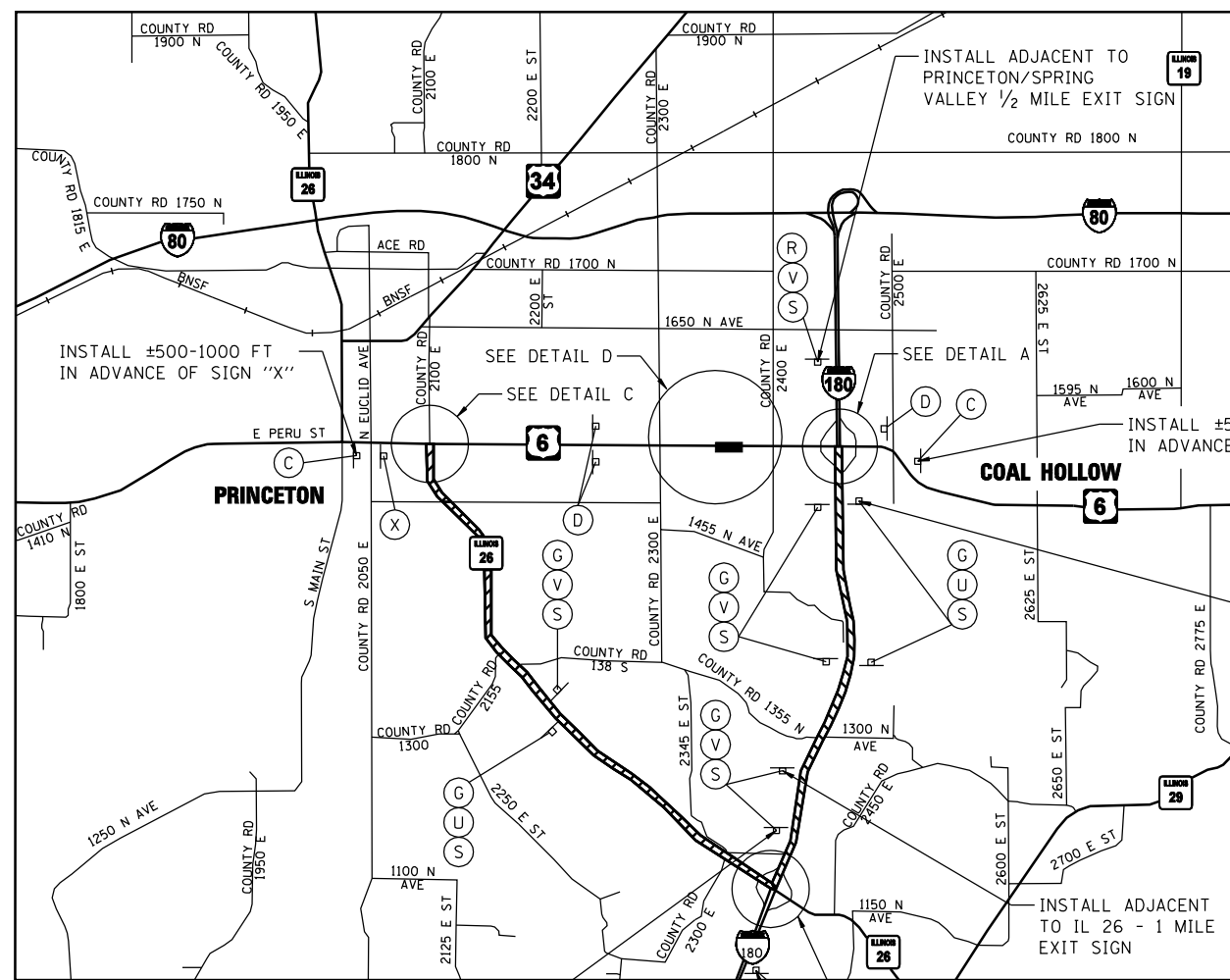
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

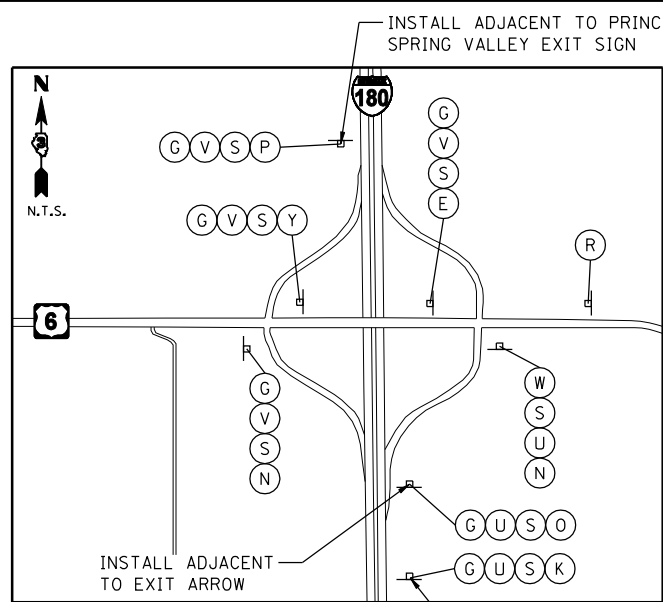
PLAN AND PROFILE SHEET

SCALE: SHEET OF SHEETS STA. TO STA.

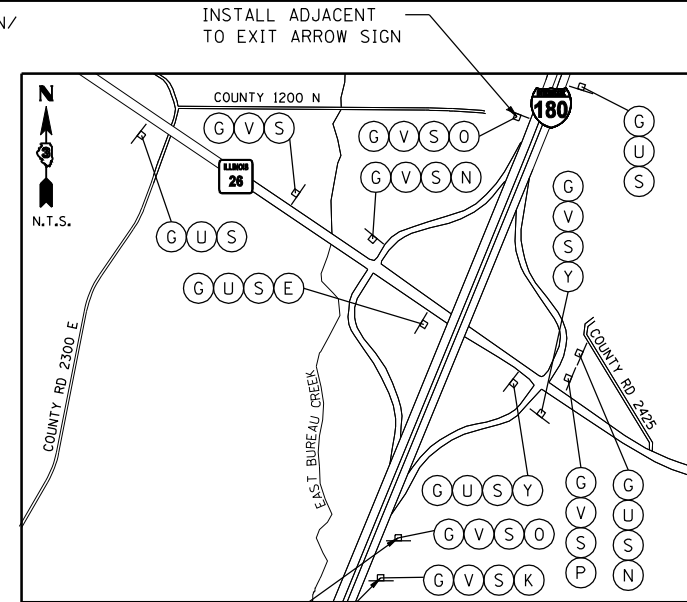
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2247	12C	BUREAU	29	10
CONTRACT NO. 66C57			ILLINOIS FED. AID PROJECT	



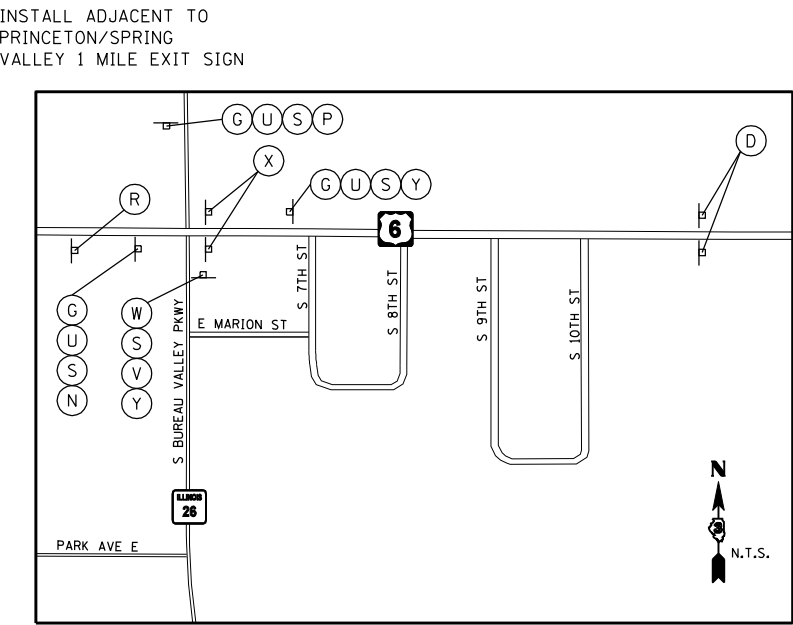
INSTALL ADJACENT TO IL 26 - 1/2 MILE EXIT SIGN  
**DETOUR MAP**



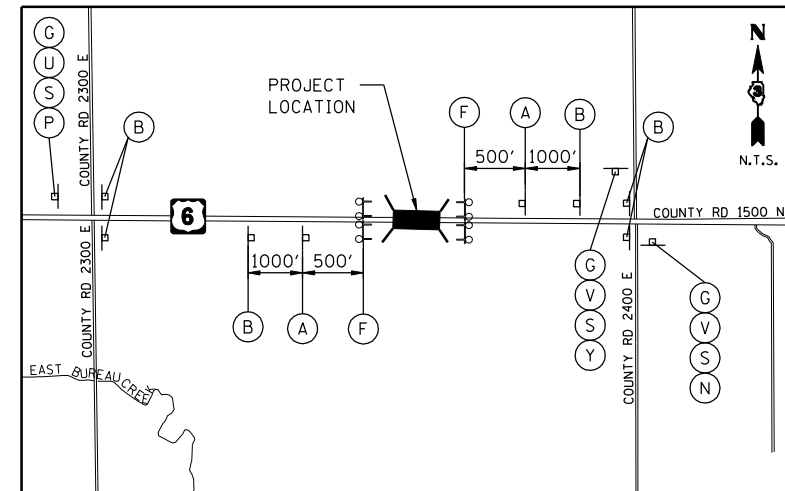
**DETAIL A**  
 INSTALL ADJACENT TO PRINCETON/SRING VALLEY 1/2 MILE EXIT SIGN  
 INSTALL ADJACENT TO IL-26 EXIT SIGN



**DETAIL B**  
 INSTALL ADJACENT TO EXIT ARROW SIGN  
 INSTALL ADJACENT TO PRINCETON EXIT SIGN



**DETAIL C**



**DETAIL D**

**NOTES**

ALL TRAFFIC CONTROL DEVICES SHALL BE FURNISHED, ERECTED AND MAINTAINED BY THE CONTRACTOR.

ALL SIGNS NOT ATTACHED TO BARRICADES SHALL BE POST MOUNTED, UNLESS OTHERWISE NOTED.

LOCATIONS OF TRAFFIC CONTROL DEVICES MAY BE ADJUSTED BY THE ENGINEER.

WORK SHALL BE DONE IN ACCORDANCE WITH BLR 21, EXCEPT THAT ALL WARNING SIGNS SHALL BE 48"x48".

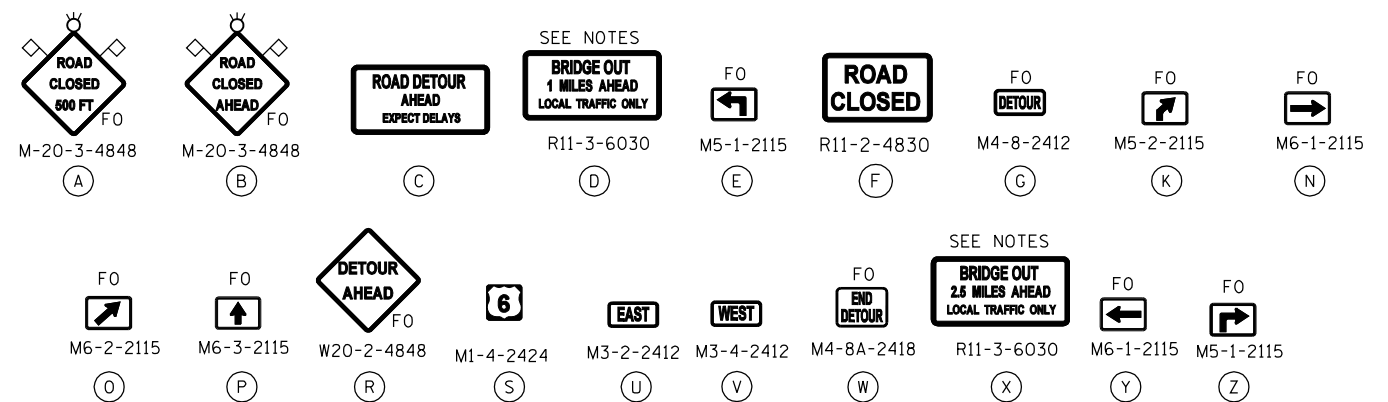
COVER OR REMOVE ANY EXISTING CONFLICTING DESTINATION SIGNS (NOTE: NO DRILLING OR TAPE WILL BE ALLOWED ON THE SIGN FACE).

CONFIRMATION DETOUR SIGN ASSEMBLIES SHALL BE PLACED ADJACENT TO THE EXISTING ROUTE ASSEMBLIES

TYPE III BARRICADES SHALL BE PLACED NEXT TO SIGNS "D" AND "X".

**LEGEND**

- ⊥ SIGNS ON PERMANENT SUPPORTS
- ⊥ TYPE III BARRICADES CONFORMING TO STD 701901 WITH 2 FLASHING LIGHTS PER BARRICADE
- ⊥ FLASHING LIGHT ABOVE SIGN
- ◇ 18" X 18" ORANGE FLAG
- ══ DETOUR ROUTE
- FO FLUORESCENT ORANGE



FILE NAME = #FILE#









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DRAWN - AA	REVISIONS -	
PLOT SCALE = #SCALE#	CHECKED - OAO	REVISED -
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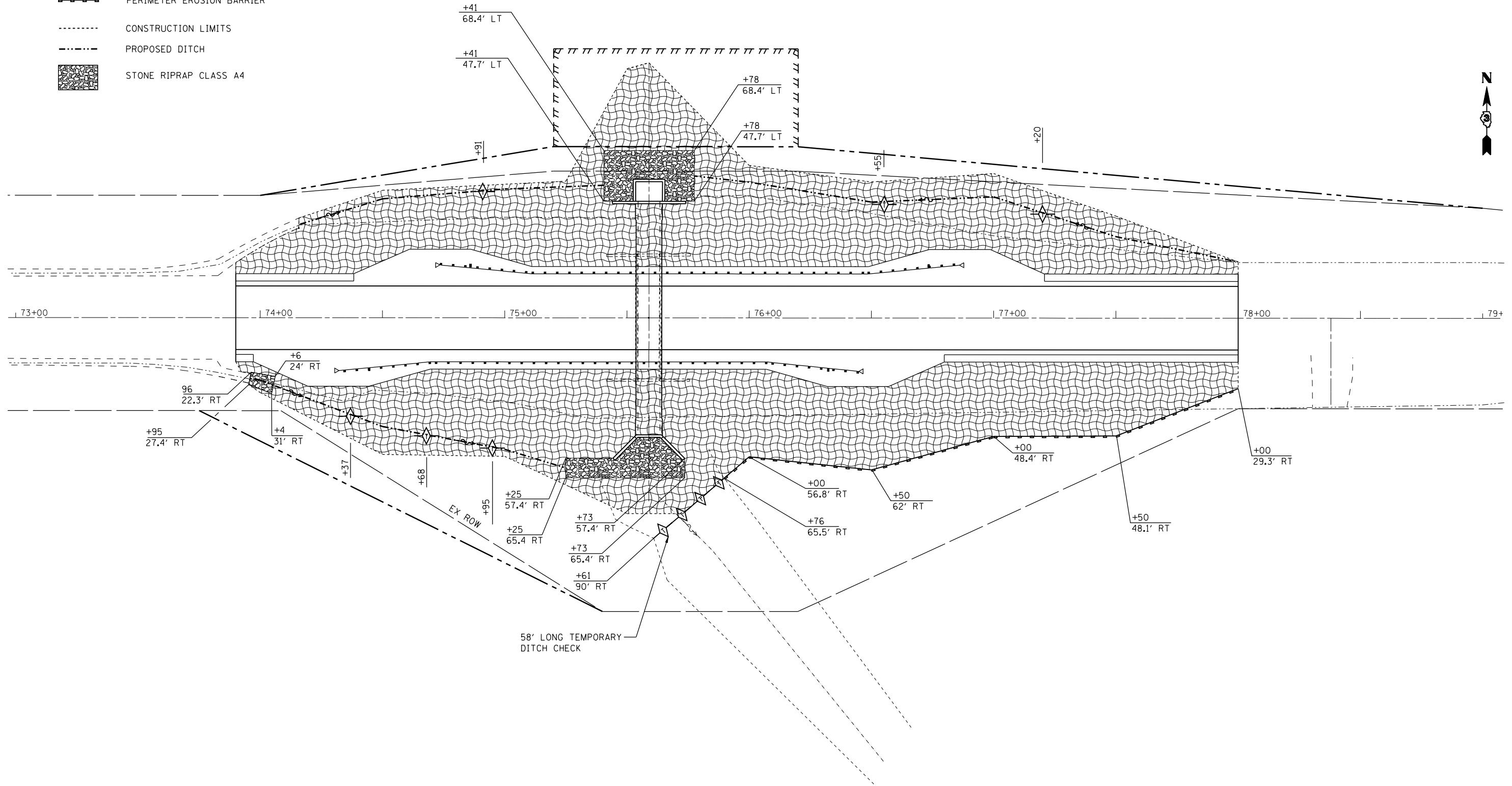
**STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION**

<b>DETOUR PLAN</b>			
SCALE:	SHEET OF SHEETS	STA. TO STA.	

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2247	12C	BUREAU	29	11
CONTRACT NO. 66C57				
ILLINOIS FED. AID PROJECT				

**LEGEND**

-  TEMPORARY EROSION CONTROL SEEDING, EROSION CONTROL BLANKET AND SEEDING CLASS 2A
-  TEMPORARY DITCH CHECK
-  PERIMETER EROSION BARRIER
-  CONSTRUCTION LIMITS
-  PROPOSED DITCH
-  STONE RIPRAP CLASS A4



FILE NAME = \$FILEL\$



USER NAME = \$USER\$	DESIGNED - BL	REVISED -
DRAWN - AA	REVISOR -	
PLOT SCALE = \$SCALE\$	CHECKED - OAO	REVISED -
PLOT DATE = \$DATE\$	DATE - 08/18/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

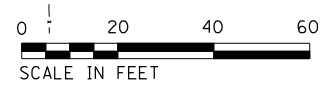
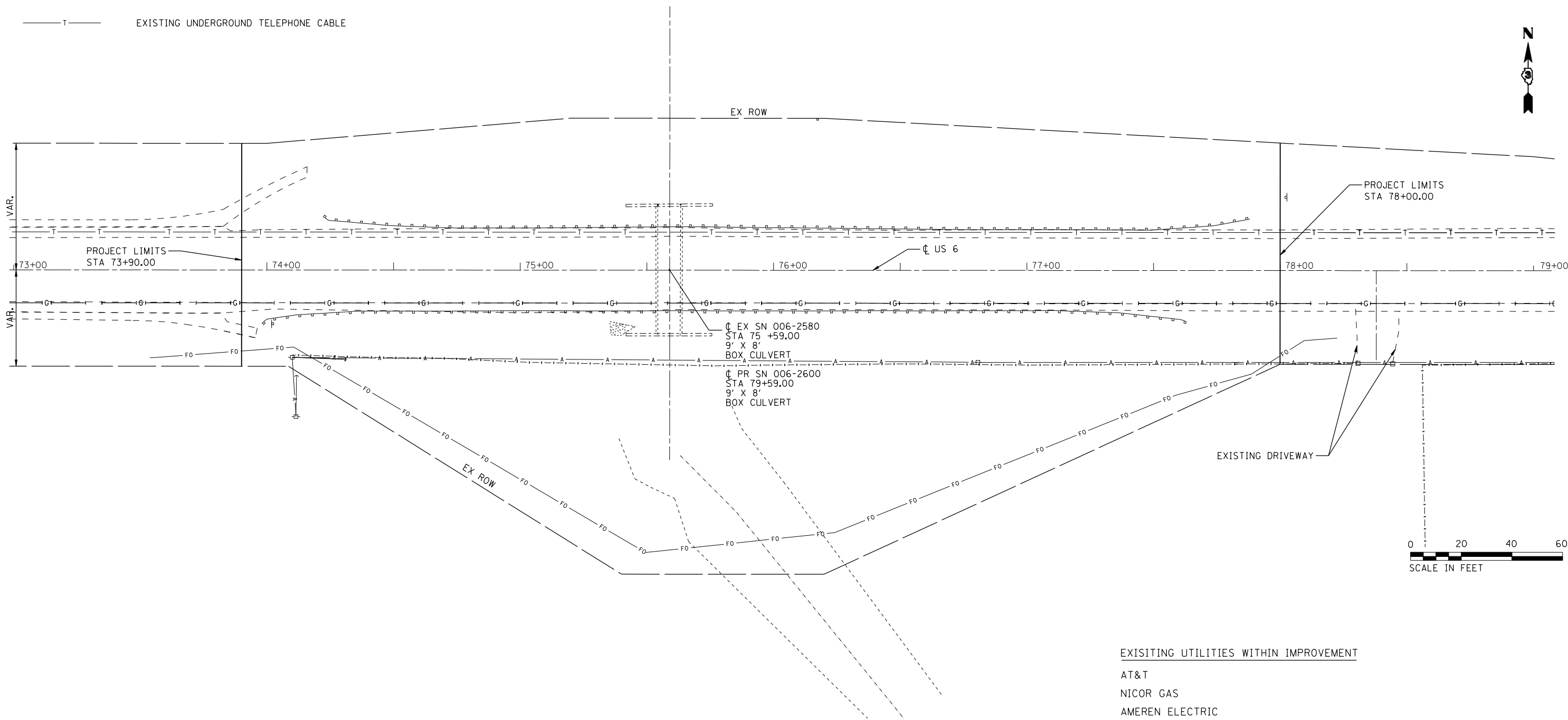
**EROSION CONTROL AND LANDSCAPING PLAN**

SCALE: SHEET OF SHEETS STA. 900+00.00 TO STA. 905+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2247	12C	BUREAU	29	12
CONTRACT NO. 66C57				
ILLINOIS FED. AID PROJECT				

**LEGEND**

- EXISTING POWER POLE
- FO— EXISTING UNDERGROUND FIBER OPTIC CABLE
- G— EXISTING UNDERGROUND GASLINE
- A— EXISTING AERIAL POWER LINE
- T— EXISTING UNDERGROUND TELEPHONE CABLE



EXISTING UTILITIES WITHIN IMPROVEMENT

- AT&T
- NICOR GAS
- AMEREN ELECTRIC
- FRONTIER

NOTE: LOCATION OF FRONTIER CABLE IS APPROXIMATE

FILE NAME = \$FILEL\$



USER NAME = \$USER\$	DESIGNED - AA	REVISED -
	DRAWN - AA	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - OAO	REVISED -
PLOT DATE = \$DATE\$	DATE - 08/18/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

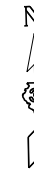
**UTILITIES**

SCALE: SHEET OF SHEETS STA. 900+00.00 TO STA. 905+00.00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2247	12C	BUREAU	29	13
CONTRACT NO. 66C57				
ILLINOIS FED. AID PROJECT				

N.W. 1/4 OF SEC. 13,  
T. 16 N., R. 9 E., 4TH P.M.

N.E. 1/4 OF SEC. 13,  
T. 16 N., R. 9 E., 4TH P.M.

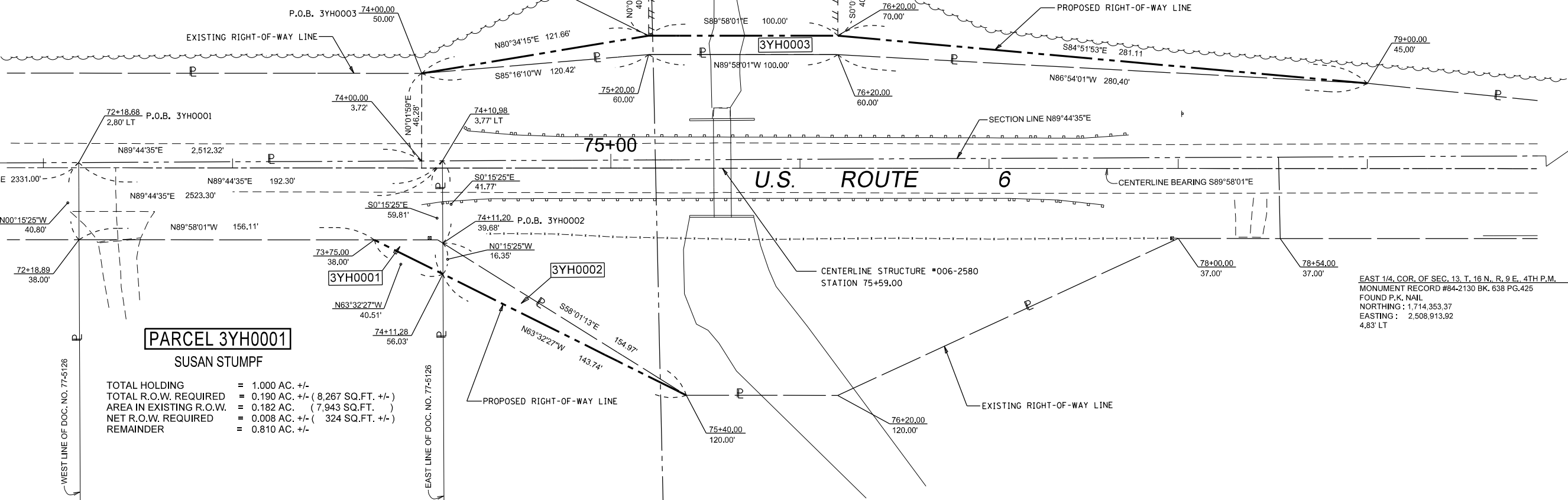


**PARCEL 3YH0003**

ANTHONY BONUCCI, INDEPENDENT EXECUTOR

TOTAL HOLDING = 236,940 AC. +/-  
TOTAL R.O.W. REQUIRED = 0.069 AC. +/- ( 3,000 SQ.FT. +/- )  
REMAINDER = 236,871 AC. +/-  
TEMPORARY EASEMENT = 0.092 AC. +/- ( 4,000 SQ.FT. +/- )  
PURPOSE : GRADING & SHAPING

WEST 1/4. COR. OF SEC. 13, T. 16 N., R. 9 E., 4TH P.M.  
MONUMENT RECORD FROM BOOK 1041 PAGE 378  
FOUND P.K. NAIL  
NORTHING : 1,714,329.72  
EASTING : 2,503,641.80  
9.00' RT  
P.O.C. 3YH0001, 3YH0002, 3YH0003, & 3YH0003TE



**PARCEL 3YH0001**

SUSAN STUMPF

TOTAL HOLDING = 1.000 AC. +/-  
TOTAL R.O.W. REQUIRED = 0.190 AC. +/- ( 8,267 SQ.FT. +/- )  
AREA IN EXISTING R.O.W. = 0.182 AC. ( 7,943 SQ.FT. )  
NET R.O.W. REQUIRED = 0.008 AC. +/- ( 324 SQ.FT. +/- )  
REMAINDER = 0.810 AC. +/-

**PARCEL 3YH0002**

SUSAN E. STUMPF, AS TRUSTEE

TOTAL HOLDING = 98.120 AC. +/-  
TOTAL R.O.W. REQUIRED = 0.024 AC. +/- ( 1,050 SQ.FT. +/- )  
REMAINDER = 98.096 AC. +/-

EAST 1/4. COR. OF SEC. 13, T. 16 N., R. 9 E., 4TH P.M.  
MONUMENT RECORD #84-2130 BK. 638 PG.425  
FOUND P.K. NAIL  
NORTHING : 1,714,353.37  
EASTING : 2,508,913.92  
4.83' LT

**SURVEYOR'S STATEMENT**

I, JEFFERY J. CIMEI, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF F.A.S. 2247 (U.S. 6) WAS MADE BY ME OR UNDER MY DIRECTION, AND THAT THE SURVEY IS TRUE AND COMPLETE AS SHOWN TO THE BEST OF MY KNOWLEDGE AND BELIEF, THAT ALL MONUMENTS AND MARKS ARE OF THE CHARACTER AND OCCUPY THE POSITION SHOWN THEREON, AND ARE SUFFICIENT TO ENABLE THE SURVEY TO BE RETRACED. THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.



BY: JEFFERY J. CIMEI, ILLINOIS PROFESSIONAL LAND SURVEYOR NO. 35-3733 (EXPIRES NOV. 2016)

DATED

S.W. 1/4 OF SEC. 13,  
T. 16 N., R. 9 E., 4TH P.M.

S.E. 1/4 OF SEC. 13,  
T. 16 N., R. 9 E., 4TH P.M.

NOTE: GRID BEARINGS AND DISTANCES SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, (GRID) WEST ZONE, (NAD-83, 2011 ADJ.).

ALL AREAS ARE BASED ON GROUND MEASUREMENTS

COMBINED FACTOR = 0.99995792

TOTAL HOLDING AREA TAKEN FROM TAX ASSESSOR (NOT SURVEYED)



FILE NAME	USER NAME = GedyeRA	DESIGNED -	REVISED 5-11-17 JJC REV. TAGS
S:\Everyone\GedyeR\1 US 6 - 66C57 Culv	replace 1 M W of I-180 SN006-2580 Nov Letting	DRAWN AND REVISED CADD FILE - RE-SENT	REVISED 5-11-17 JJC REV. TAGS
	PLOT SCALE = 60.0000' / in.	CHECKED -	REVISED 5-22-17 ADDED STREET NAMES
	PLOT DATE = 8/10/2017	DATE -	REVISED 6-27-17 JJC NAME CHANGE

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

**RIGHT OF WAY PLANS**

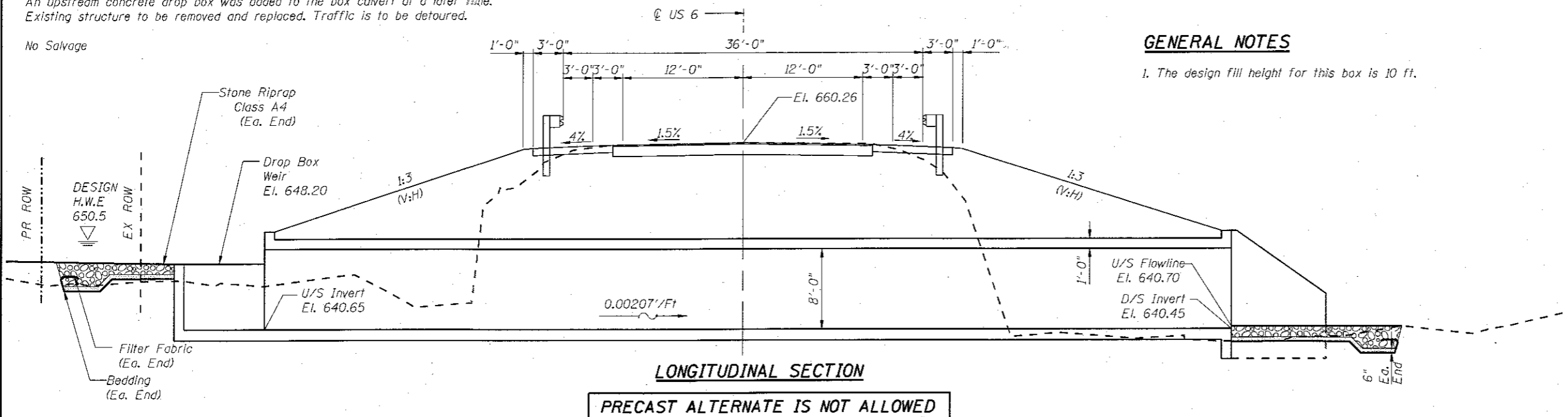
PROJECT	JOB NO. R-93-002-17
SCALE: 1"=30'	SHEET 1 OF 1 SHEETS
STA. 72+18.68	TO STA. 79+00.00

F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2247	12C	BUREAU	29	14
CONTRACT NO. D366C57				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

BM#1: Elev. 665.80, Sta. 75+11.61, 57.66' RT RR Spike in S. Side of P.P.

Existing Structure: The structure was built in 1923 perpendicularly to the roadway centerline as a 9' span by 8' rise, 49'-6" long, single barrel reinforced concrete box culvert and 90° wingwalls at each end. An upstream concrete drop box was added to the box culvert at a later time. Existing structure to be removed and replaced. Traffic is to be detoured.

No Salvage



**INDEX OF SHEETS**

1. General Plan and Elevation
2. Box Culvert and Drop Box Details
3. North Wingwall Details
4. Soil Borings

**GENERAL NOTES**

1. The design fill height for this box is 10 ft.

**DESIGN SPECIFICATIONS**

AASHTO LRFD Bridge Design Specifications, 7th Edition with 2015 and 2016 Interim Revisions

**DESIGN STRESSES**

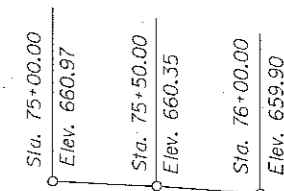
**FIELD UNITS**

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

**DESIGN FILL HEIGHTS**

Max. Fill Height = 10'  
 Min. Fill Height = 9'

**LOADING HL-93**



**PROFILE GRADE**

(Along Centerline Roadway US 6)

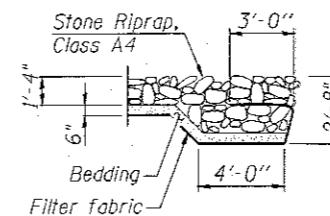
**WATERWAY INFORMATION**

Drainage Area = 1.27 Sq. Mi.		Exist. Low Grade Elev. = 659.12 @ Sta. 77+00		Prop. Low Grade Elev. = 659.12 @ Sta. 77+00					
Flood	Freq. Yr.	C.F.S.	Opening Sq. Ft.		Head - Ft.		Headwater El.		
			Exist.	Prop.	H.W.E. Exist.	Prop.	Exist.	Prop.	
Design	10	228	54	72	649.8	0.5	0.8	650.2	650.5
Base	50	414	60	72	650.5	0.8	1.0	651.3	651.4
Overtopping	100	534	63	72	650.8	1.7	1.1	652.6	652.0
Max. Calc.	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	500	731	68	72	651.3	3.6	1.4	654.9	652.7
10-year velocity exist.		11.2 fps		10-year velocity prop.		7.3 fps			

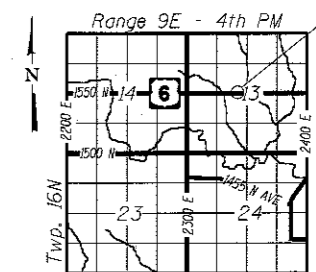
STATION 75+59.00  
 BUILT BY  
 STATE OF ILLINOIS  
 F.A. RT. 2247 SEC. 12C  
 LOADING HL-93  
 STR. NO. 006-2600

**NAME PLATE**

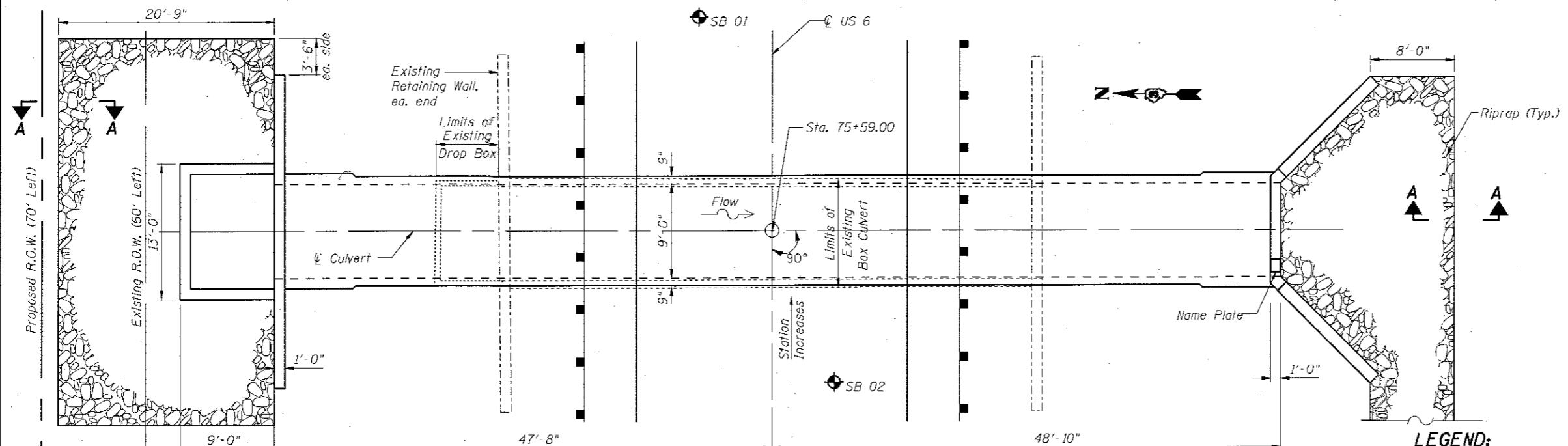
See Std. 515001



**SECTION A-A**



**LOCATION SKETCH**



**PLAN**

**LEGEND:**

Soil Boring Location



Signed: *Olufemi A. Oladeinde* 09-22-2017  
 OLUFEMI A. OLADEINDE Date  
 LICENSE EXPIRES 11-30-2018

**GENERAL PLAN & ELEVATION**  
**US 6 OVER**  
**TRIBUTARY TO EAST BUREAU CREEK**  
**F.A.S. RT. 2247 SEC. 12C**  
**BUREAU COUNTY**  
**STATION 75+59.00**  
**EX STRUCTURE NO. 006-2580**  
**PR STRUCTURE NO. 006-2600**

FILE NAME = #FILES



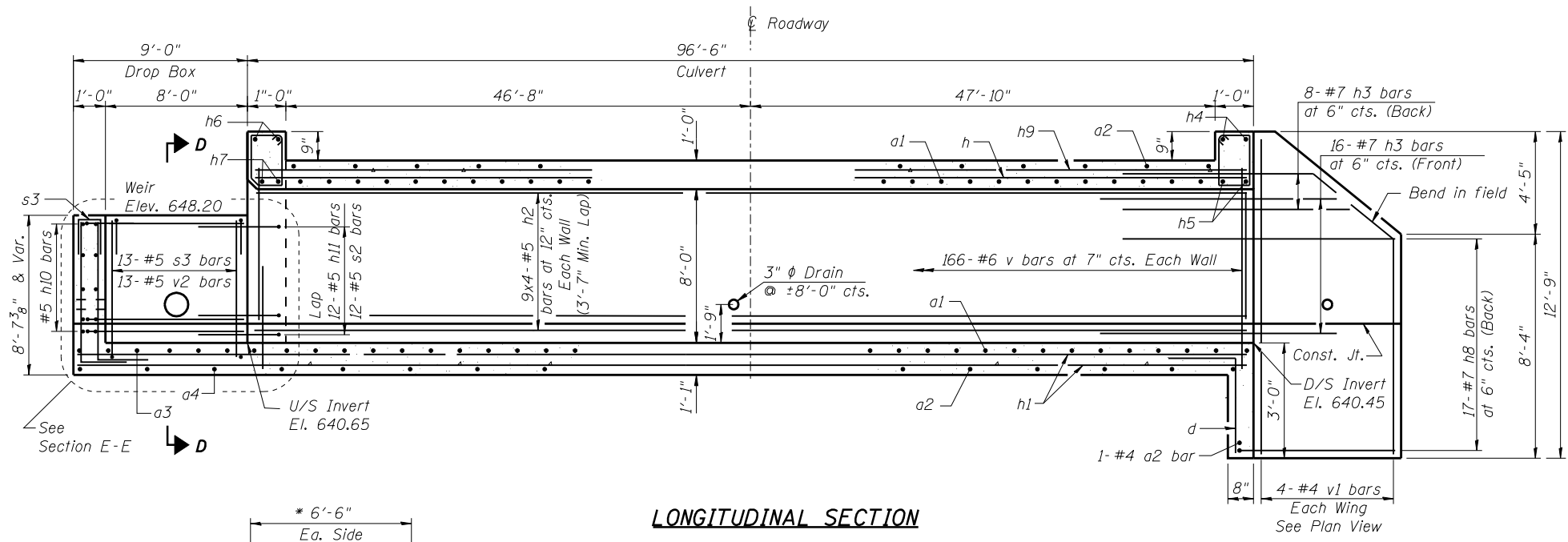
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	CHECKED - OAO	REVISED

STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

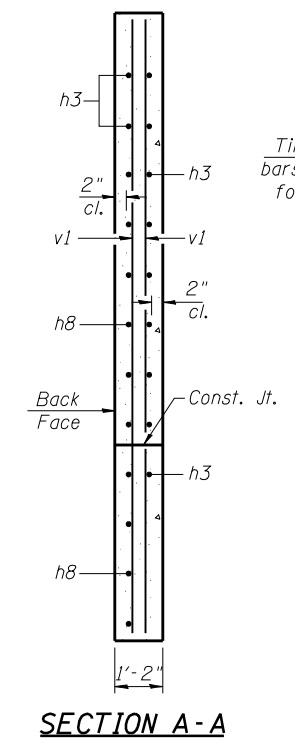
GENERAL PLAN & ELEVATION  
 STRUCTURE NO. 006-2600

SHEET NO. 1 OF 4 SHEETS

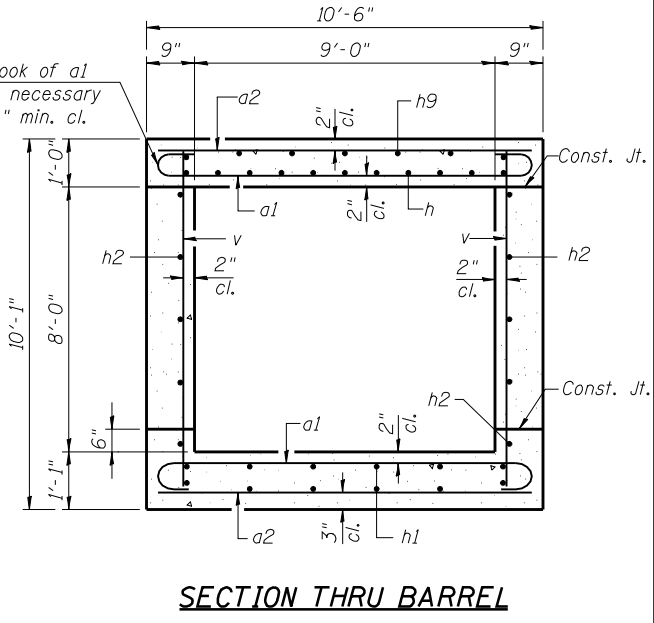
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2247	12C	BUREAU	29	15
CONTRACT NO. 66C57				
ILLINOIS FED. AID PROJECT				



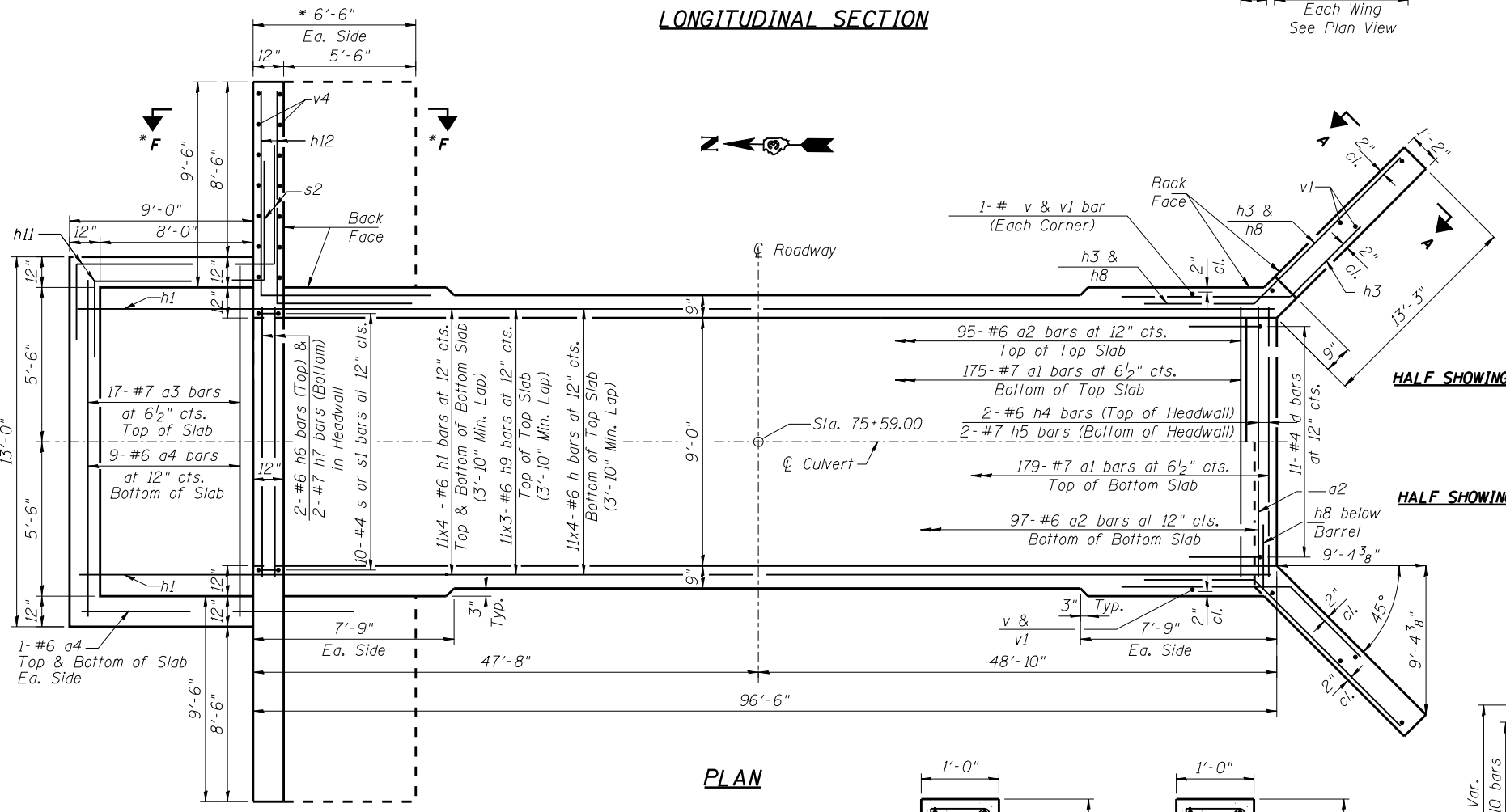
**LONGITUDINAL SECTION**



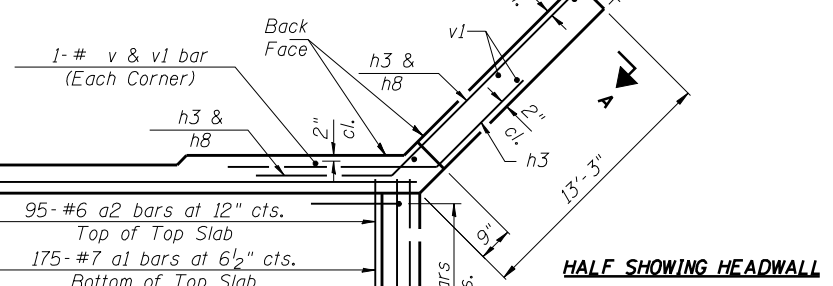
**SECTION A-A**



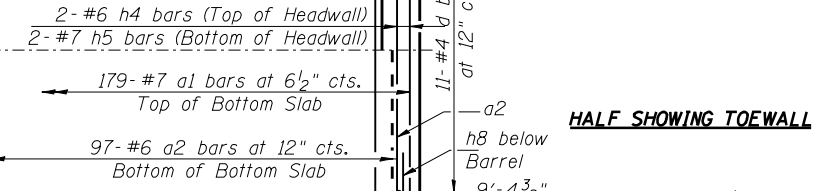
**SECTION THRU BARREL**



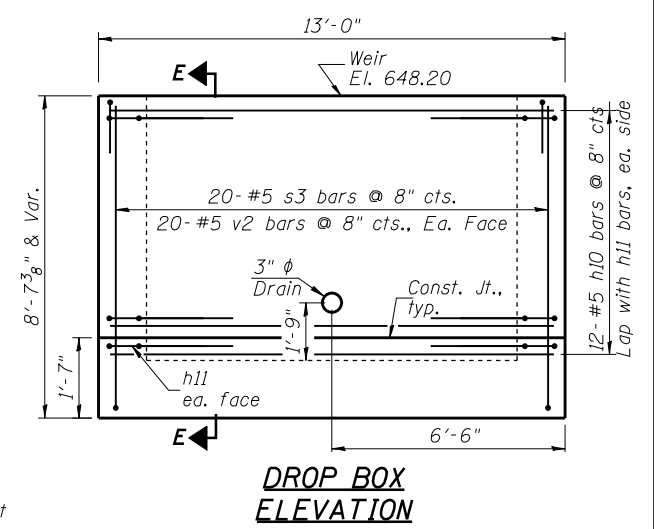
**PLAN**



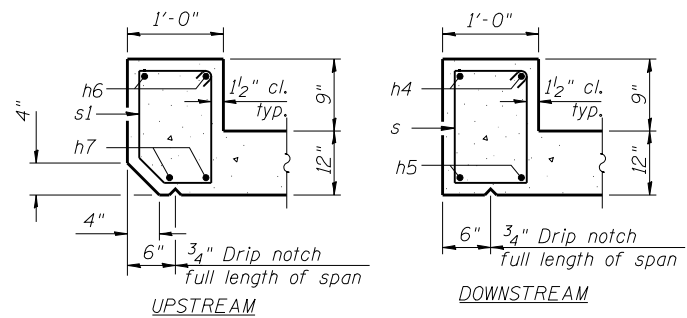
**HALF SHOWING HEADWALL**



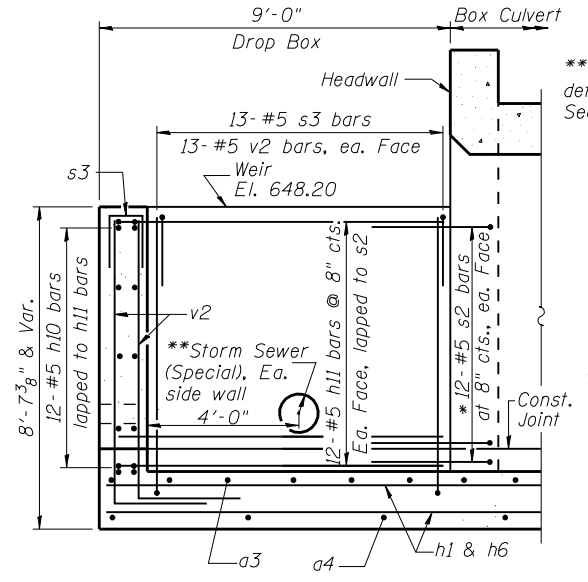
**HALF SHOWING TOEWALL**



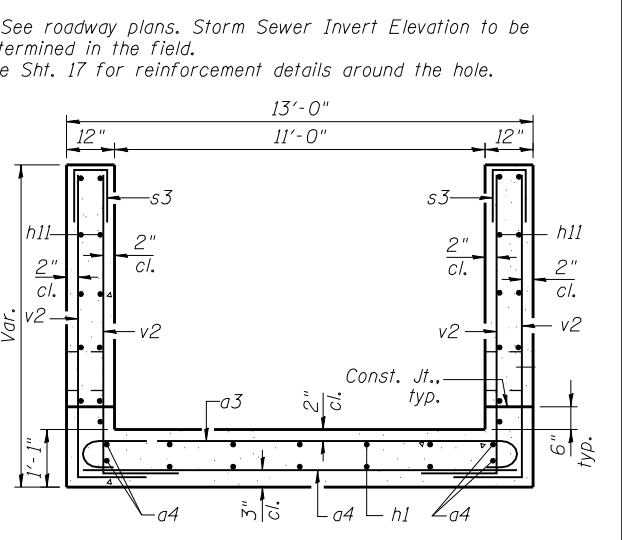
**DROP BOX ELEVATION**



**SECTION THRU HEADWALL**



**SECTION E-E**



**SECTION D-D**

\* See Sheet 17 for North Wing Wall Structural details

Notes:  
A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.  
Bars indicated thus 12 x 4-#5 etc. indicates 12 lines of bars with 4 lengths per line.

TSA-SC-HC-ZS

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PLOT SCALE = \$SCALE\$	CHECKED - TJL	REVISED
PLOT DATE = \$DATE\$	DRAWN - BL	REVISED
	CHECKED - OAO	REVISED

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

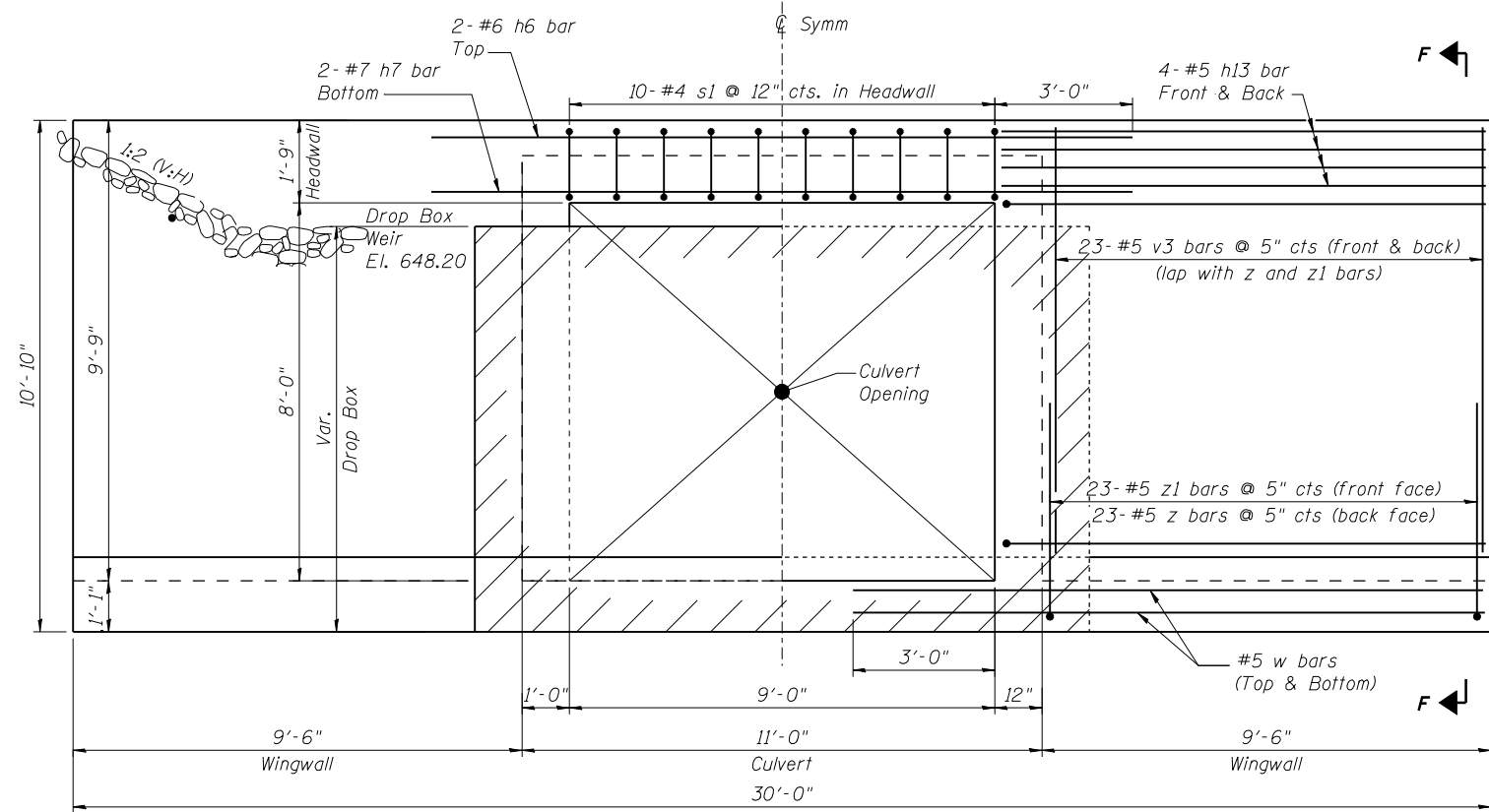
BOX CULVERT AND DROP BOX DETAILS  
STRUCTURE NO. 006-2600

SHEET NO. 2 OF 4 SHEETS

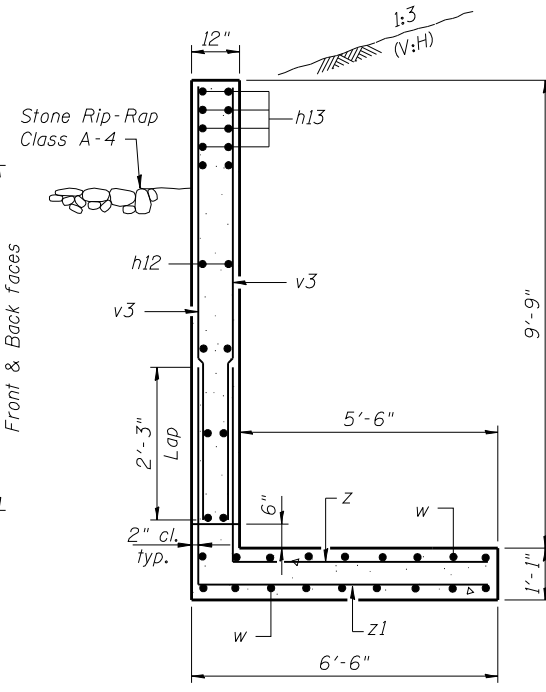
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2247	12C	BUREAU	29	16
CONTRACT NO. 66C57				

ILLINOIS FED. AID PROJECT

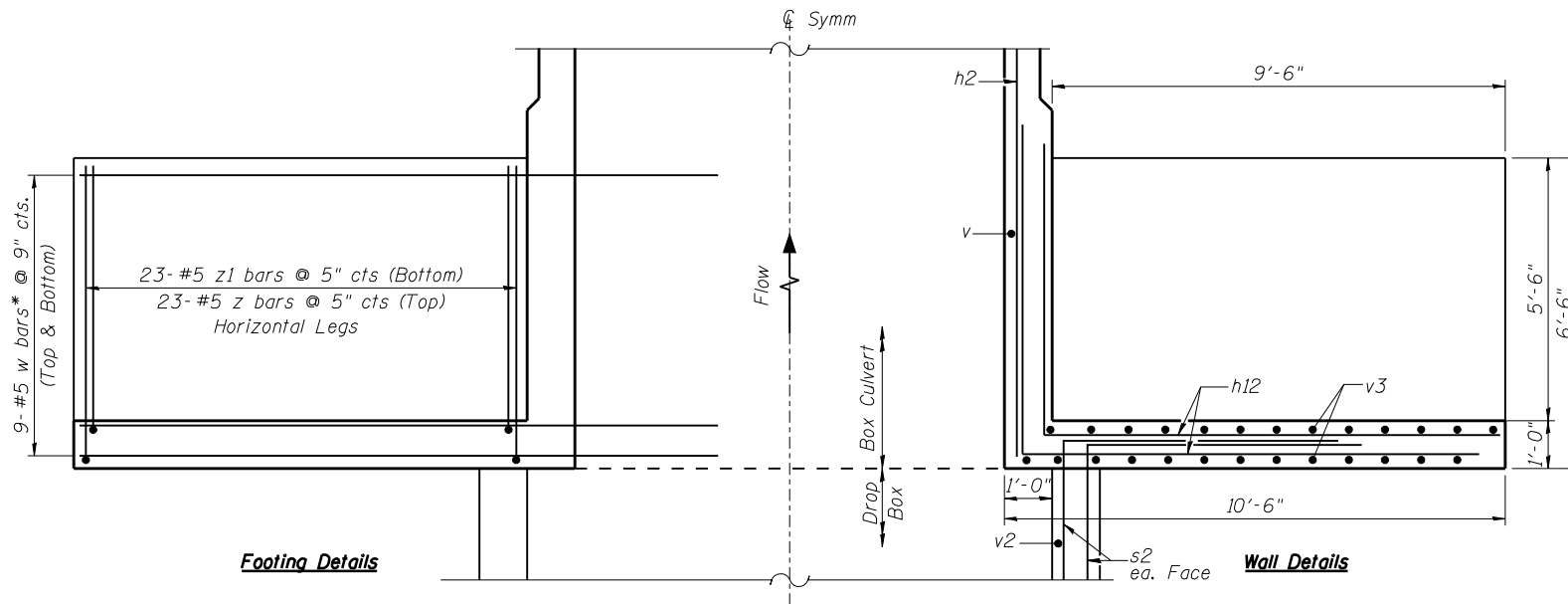
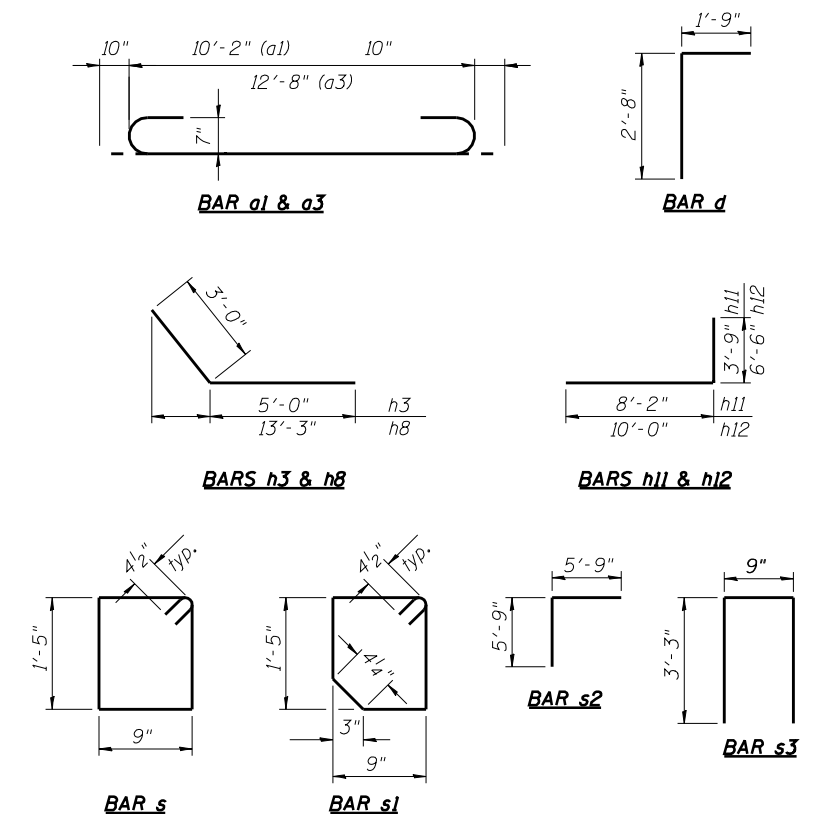




**ELEVATION**  
NORTH END OF STRUCTURE  
(LOOKING SOUTH)



**SECTION F-F**

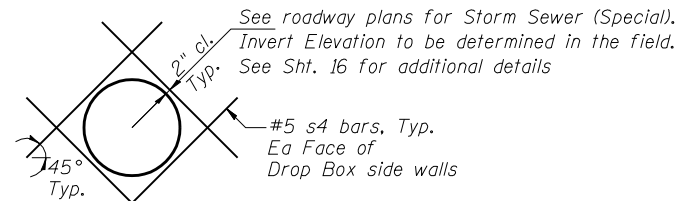


**PLAN**

**Footing Details**

**Wall Details**

Notes:  
A distance of half the length of the wingwall but not less than six feet of the barrel shall be poured monolithically with the wingwalls.



**REINFORCEMENT DETAILS**  
FOR STORM SEWER HOLE

**BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a1	354	#7	11'-10"	U
a2	192	#6	10'-2"	—
a3	17	#7	14'-4"	U
a4	13	#6	12'-8"	—
d	11	#4	4'-5"	L
h	44	#6	26'-11"	—
h1	88	#6	29'-2"	—
h2	72	#5	26'-9"	—
h3	48	#7	8'-0"	L
h4	2	#6	10'-0"	—
h5	2	#7	10'-8"	—
h6	2	#6	15'-0"	—
h7	2	#7	15'-0"	—
h8	34	#7	16'-3"	L
h9	33	#6	34'-9"	—
h10	24	#5	12'-8"	—
h11	48	#5	11'-11"	—
h12	76	#5	16'-6"	—
h13	16	#5	10'-6"	—
s	10	#4	5'-1"	□
s1	10	#4	4'-11"	—
s2	48	#5	11'-6"	L
s3	46	#5	7'-3"	L
s4	16	#5	5'-8"	—
v	332	#6	9'-8"	—
v1	8	#4	12'-4"	—
v2	92	#5	9'-0"	L
v3	92	#5	9'-0"	—
w	36	#5	13'-4"	—
z	46	#5	8'-5"	L
z1	46	#5	9'-9"	L
Concrete Box Culverts	Cu. Yd.		161.4	
Reinforcement Bars	Pound		35,200	

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	CHECKED - OAO	REVISED

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

**NORTH WINGWALLS AND DROP BOX DETAILS**  
**STRUCTURE NO. 006-2600**

SHEET NO. 3 OF 4 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2247	12C	BUREAU	29	17
CONTRACT NO. 66C57			ILLINOIS FED. AID PROJECT	



# SOIL BORING LOG

Date 5/3/16

ROUTE FAS 2247 (US 6) DESCRIPTION US 6 over a Stream, 1.0 miles West of I-180 LOGGED BY Larry Myers

SECTION 12 LOCATION NE 1/4, SEC. 13, TWP. 16N, RNG. 9E, 4<sup>th</sup> PM

Latitude 41.371215, Longitude -89.402404

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 006-2580  
Station 75+59  
BORING NO. 01 (N.E. Quad.)  
Station 76+00  
Offset 7.0 ft Lt.  
Ground Surface Elev. 659.73 ft

	D E P T H H	B L O W S	U C S Qu	M O I S T %	Surface Water Elev. _____ ft	D E P T H H	B L O W S	U C S Qu	M O I S T %
Cored Bituminous & Concrete Pavement, Brown Silty Clay Loam Fill							5		
							7	4.6	13
							9	B	
657.23									
Hard (Very Dense) Gray Silt with Minor Clay		3					12		
		3	1.5	20			23	>4.5	15
		3	P				29	P	
-5									
		2					24		
		2	1.0	32			34	>4.5	21
		3	P				34	P	
632.73									
Very Stiff Gray to Brown Silt with Minor Clay		2					5		
		2	1.0	23			7	3.0	26
		2	P				9	P	
-10									
		2					4		
		2	1.0	20			7	2.5	28
		2	P				9	P	
647.73									
Soft Black / Dark Gray Silty Loam with Organics			WH						
			WH	0.3	33				
			WH	P					
645.23									
Very Stiff Brown & Gray Silty Clay Loam Till		2					3		
		4	3.5	15			5	2.0	24
		5	B				7	P	
623.23									
End of Boring									
642.23									
Hard Gray Silty Clay Loam Till with Fine Silty Sand Layers at 21'		5					7	4.3	13
							11	B	
-20									

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

BBS, form 137 (Rev. 8-99)



# SOIL BORING LOG

Date 5/3/16

ROUTE FAS 2247 (US 6) DESCRIPTION US 6 over a Stream, 1.0 miles West of I-180 LOGGED BY Larry Myers

SECTION 12 LOCATION SE 1/4, SEC. 13, TWP. 16N, RNG. 9E, 4<sup>th</sup> PM

Latitude 41.371213, Longitude -89.402585

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 006-2580  
Station 75+59  
BORING NO. 02 (S.W. Quad.)  
Station 75+30  
Offset 6.0 ft Rt.  
Ground Surface Elev. 660.55 ft

	D E P T H H	B L O W S	U C S Qu	M O I S T %	Surface Water Elev. _____ ft	D E P T H H	B L O W S	U C S Qu	M O I S T %
Cored Bituminous & Concrete Pavement, Brown Silty Clay Fill							5		
							7	4.3	13
							8	B	
658.05									
Very Stiff to Stiff Brown Silty Clay Fill with some Loamy Gravel Fill Layers		3					4		
		4	2.5	20			4	3.7	15
		5	P				4	B	
-5									
		2					2		
		5	2.5	13			4	3.0	12
		7	P				3	B	
633.55									
Very Soft Gray Silty Clay Loam / Clay Loam Till		2						WH	
		2	2.0	22				WH	0.0
		2	P					WH	P
651.55									
Hard Dark Gray Silty Clay Loam / Silty Loam Fill		7					7		
		7	4.5	16			12	4.7	12
		8	P				15	S	
648.55									
Stiff Black Silty Loam with Organics & Sand Layers (Stream Bed Material)		2					2	1.5	63
		3	P						
645.55									
Very Stiff to Hard Brown & Gray Silty Clay Loam Till		WH							
		2	3.5	16					
		3	P						
624.05									
End of Boring									
		5							
		7	4.8	13					
		10	B						
641.05									
-20									

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

BBS, form 137 (Rev. 8-99)



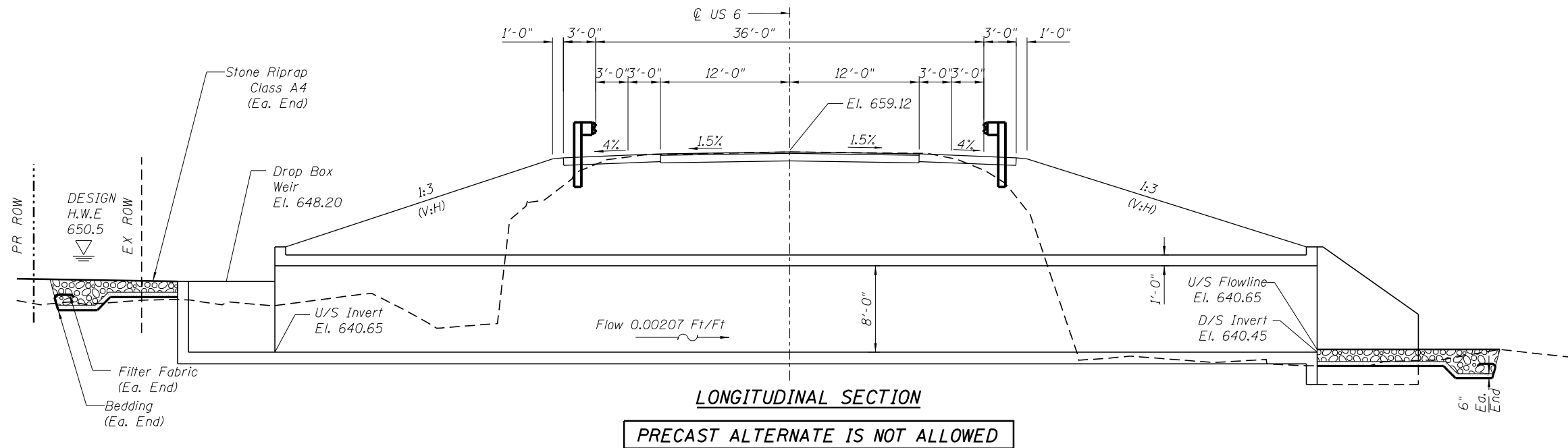
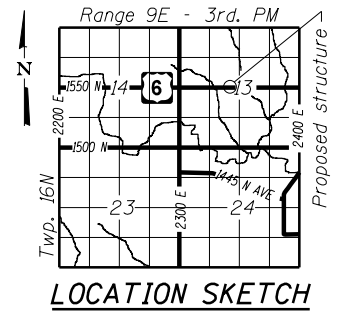
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STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

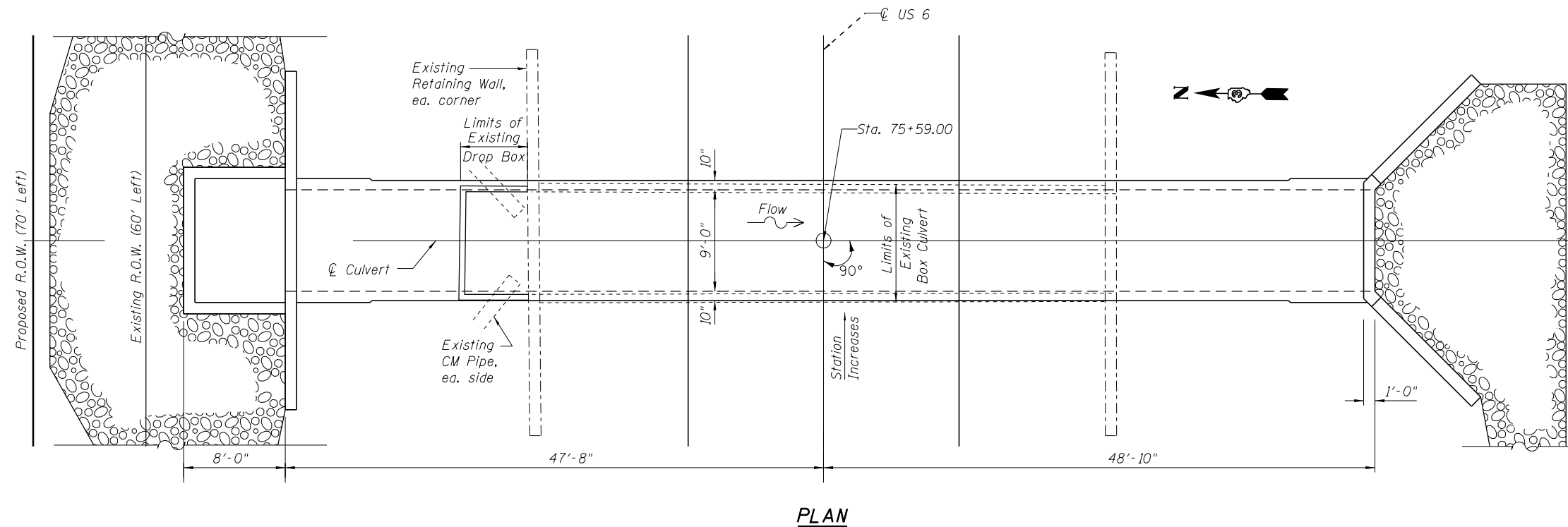
SOIL BORINGS  
STRUCTURE NO. 006-2600  
SHEET NO. 4 OF 4 SHEETS

F.A.S. RTE. 2247	SECTION 12C	COUNTY BUREAU	TOTAL SHEETS 29	SHEET NO. 18
				CONTRACT NO. 66C57
ILLINOIS FED. AID PROJECT				

EXHIBIT



**FOR INFORMATION ONLY**



SEE SPECIAL PROVISION  
 "TEMPORARY CONSTRUCTION / WATERWAY  
 PERMITS (CORPS OF ENGINEERS)"

**GENERAL PLAN & ELEVATION**  
**US 6 OVER**  
**TRIBUTARY TO EAST BUREAU CREEK**  
**F.A.S. RT. 2247 SEC. 12C**  
**BUREAU COUNTY**  
**STATION 75+59.00**  
**EX STRUCTURE NO. 006-2580**  
**PR STRUCTURE NO. 006-2600**

Not to Scale

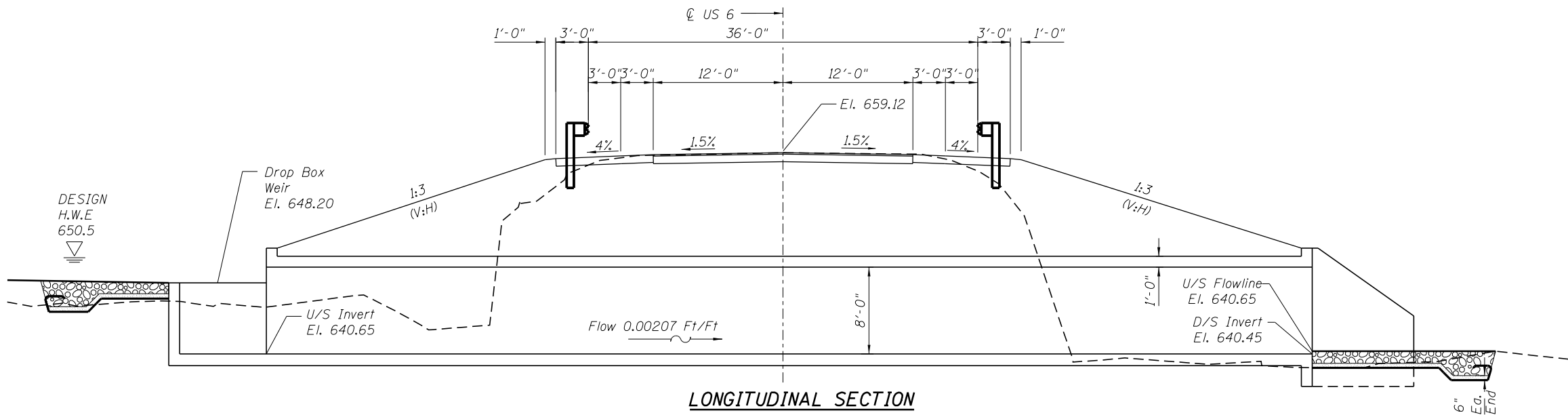
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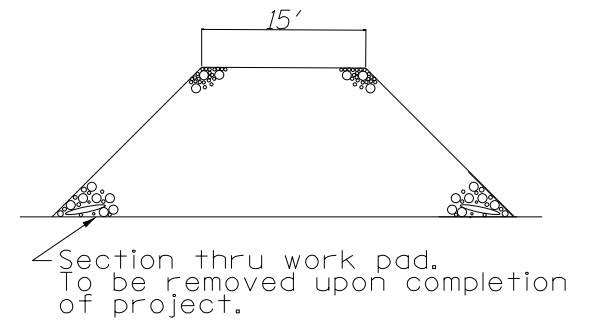
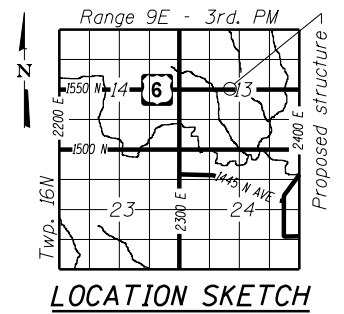
STATE OF ILLINOIS  
 DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION  
 STRUCTURE NO. 006-2580

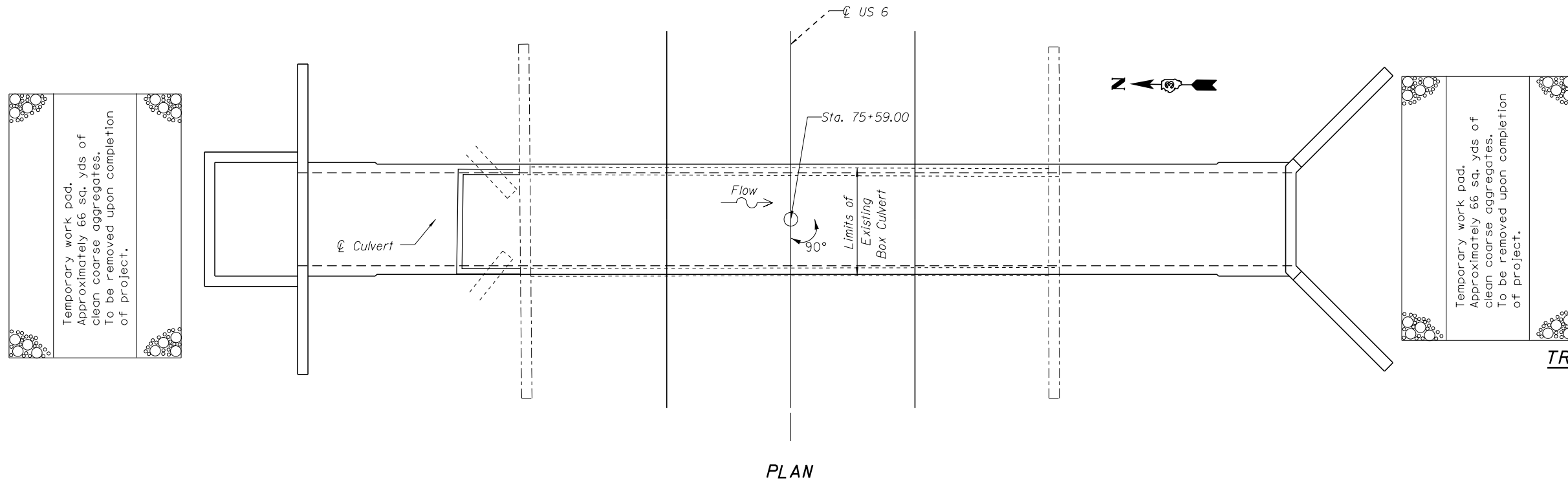
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2247	12C	BUREAU	29	19
CONTRACT NO. 66C57				
ILLINOIS FED. AID PROJECT				



**LONGITUDINAL SECTION**  
**PRECAST ALTERNATE IS NOT ALLOWED**



# FOR INFORMATION ONLY



**PLAN**

SEE SPECIAL PROVISION  
 "TEMPORARY CONSTRUCTION / WATERWAY PERMITS (CORPS OF ENGINEERS)"

**GENERAL PLAN & ELEVATION**  
**US 6 OVER**  
**TRIBUTARY TO EAST BUREAU CREEK**  
**F.A.S. RT. 2247 SEC. 12C**  
**BUREAU COUNTY**  
**STATION 75+59.00**  
**EX STRUCTURE NO. 006-2580**  
**PR STRUCTURE NO. 006-2600**

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Not to Scale

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

**EXISTING S.N.006-2580 404 PERMIT**  
**CAUSEWAY / WORK PAD PLAN**

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2247	12C	BUREAU	29	20
CONTRACT NO. 66C57				

ILLINOIS FED. AID PROJECT

INDEX TO SHEETS

Sheet No. 1	Title Page and Summary of Quantities
2	Typical Cross Section (Standard 10'-30'-9")
3	Standard Gutter Section
4	Plan and Profile Sta. 0+00 to Sta. 60+00
5	" " " " " " 60+00 " " 120+00
6	" " " " " " 120+00 " " 167+12
7-17	Inclusive Cross Sections
18	Standard Culvert Design No. 616-7; 625-1
18	Special " " Sta. 15+91; 65+27
19	" " " " 75+59; 86+46; 124+15; 167+01
20	" " " " 165+46
20	Standards No. 845; 846; 992

SUMMARY OF QUANTITIES

26,561	Cu. Yds.	Excavation in Earth
21,616	Sq. "	Earth Shoulders
33,624	"	Pavement
235.0	Cu. "	Class A Concrete
23,550	Lbs.	Reinforcing Steel
1000	Sq. Ft.	Concrete Gutter
2	"	Section Markers

PROJECT 55 SECTION 12 BUREAU CO.

From A Point Near The NW Corner of The SW 1/4 of Section 14, T.16N, R.9E, of The 4th PM.  
To A Point Near The Center of The SW 1/4 of Section 17, T.16N, R.9E, of The 4th PM. Bureau Co.

SUMMARY OF CONCRETE

3	Standard Culvert Design No. 616-7	25.5	Cu. Yds.
9	" " " " 625-1-3	17.1	"
1	Special " " Sta. 15+91	33.2	"
1	" " " " 65+27	30.0	"
1	" " " " 75+59	57.5	"
1	" " " " 86+46	39.2	"
1	" " " " 124+15	26.0	"
1	" " " " 167+01	10.2	"
1	" " " " 165+46	21.3	"
Total		258.0	"



LAYOUT

Net Length of Layout = 16712 Feet = 3.165 Miles  
Scale: 1 Inch = 1 Mile

FOR INFORMATIONAL USE ONLY

STATE OF ILLINOIS  
DEPARTMENT OF PUBLIC WORKS AND BUILDINGS  
DIVISION OF HIGHWAYS

SUBMITTED: 3-27-23  
EXAMINED: 3-27-23  
CHECKED: 3-27-23  
APPROVED: 3-27-23  
APPROVED: 3-27-23  
APPROVED: 3-27-23

SUMMARY

Station to Station	Length of Pavement	Corrections for Curves	Corrections for Realignments	Net Length of Layout Along Final Center Line	Omissions	Net Length to be Improved in Feet	Pavement Over Bridges		Sq. Yds. of Pavement		
							Sta.	Pt. to Pt.	Total	Total	
0+00	167+12	15	167+12			16712	16712			33424	33424
Totals				16712		16712	16712			33424	33424

Drawn by B.A. Lawler 3-2-23

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	DATE - 08/18/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

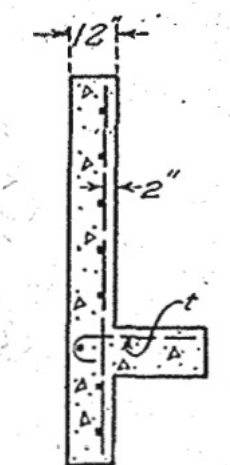
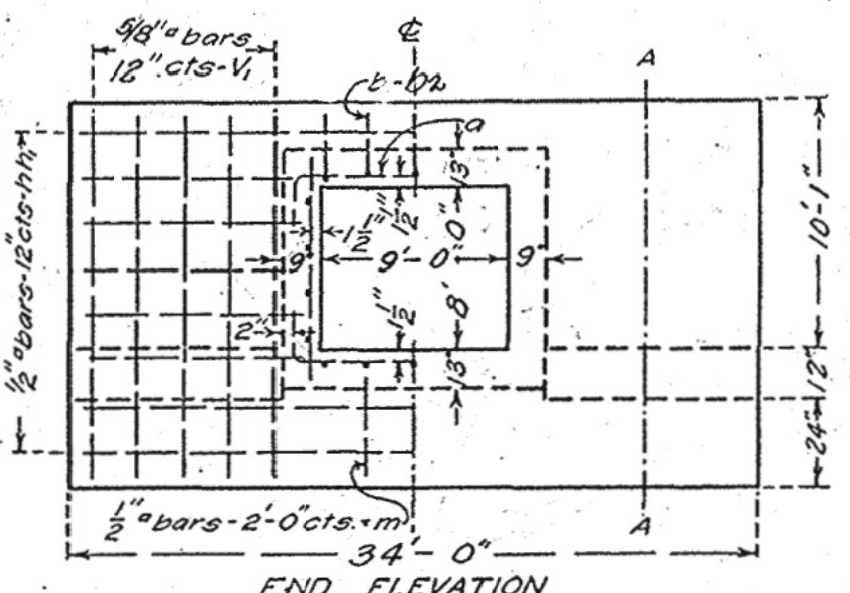
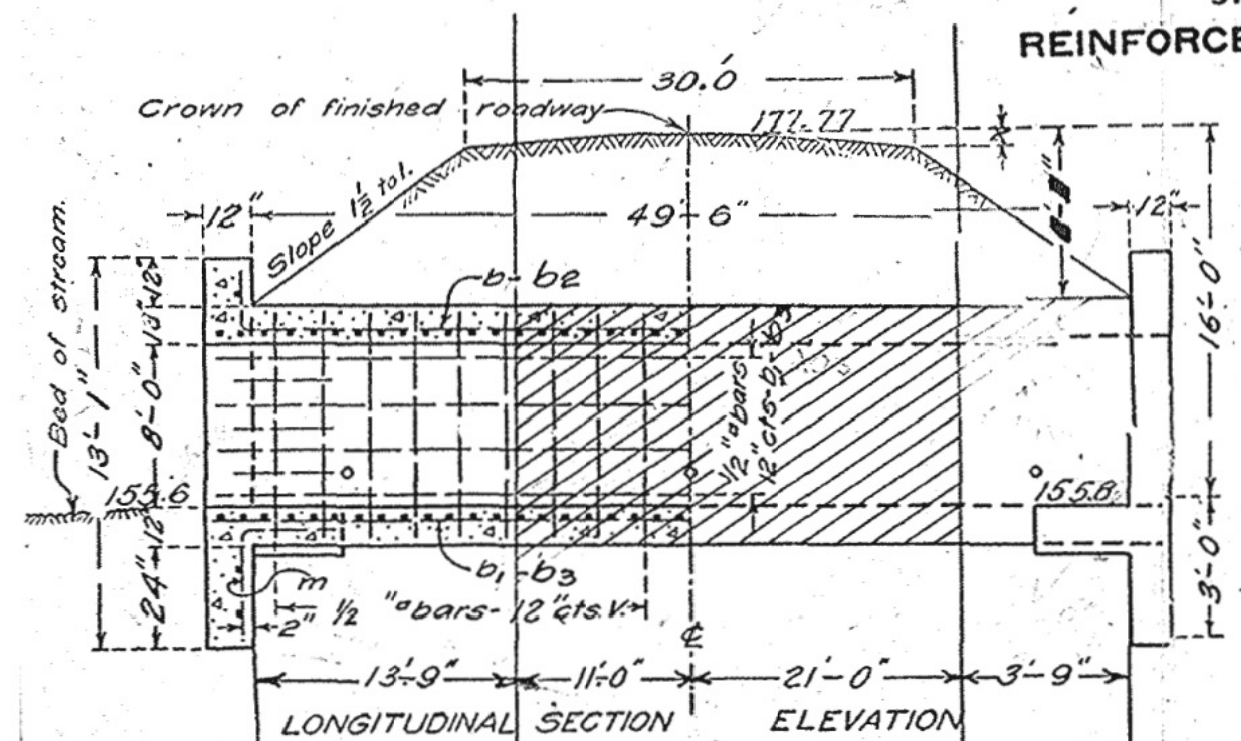
EXISTING PLANS  
STRUCTURE NO. 006-2580  
SCALE: SHEET E1 OF 2 SHEETS STA. TO STA.

F.A.S. RTE. 2247	SECTION 12C	COUNTY BUREAU	TOTAL SHEETS 29	SHEET NO. 21
CONTRACT NO. 66C57				
ILLINOIS FED. AID PROJECT				

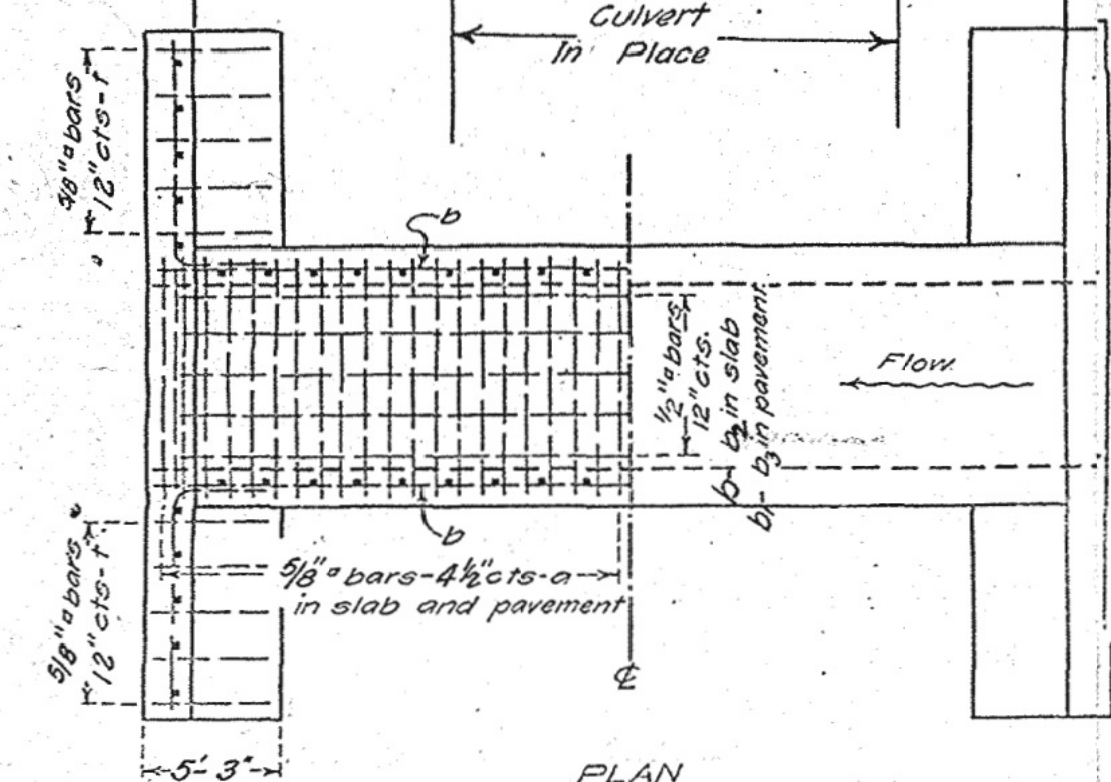
REINFORCED CONCRETE BOX CULVERT

FED. ROAD DIST. NO.	STATE	FED. AID PROJ. NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	ILL.	55	1923	11	20

S.B.I. Route 7



SHOWING REINFORCEMENT SHOWING OUTLINES.



SHOWING REINFORCEMENT. SHOWING OUTLINES.

BILL OF MATERIAL.

Bars	No.	Size	Length
v	38	1/2"	9'-9"
v <sub>1</sub>	48	3/8"	12'-6"
h	20	1/2"	18'-0"
h <sub>1</sub>	32	1/2"	14'-0"
a	104	5/8"	11'-9"
b	10	1/2"	14'-6"
b <sub>1</sub>	26	1/2"	15'-6"
b <sub>2</sub>	10	1/2"	4'-6"
t	48	3/8"	5'-9"
m	6	1/2"	5'-0"
b <sub>3</sub>	26	1/2"	5'-6"
Steel-Lbs.		4440	
Concrete-Cu. Yds.		57.5	

Class A concrete to be used throughout. Proportions-1:2 1/2:4. Use "m" bars in downstream headwall only.

Sta 75+59  
Route 7  
Princeton-Depue  
Section 12  
Bureau Co.

FOR INFORMATIONAL USE ONLY

STANDARD	COMPUTED - W. J. H. H.
	CHECKED - C. W. B.
	DRAWN - W. J. H. H.
	CHECKED - C. W. B.
SPECIAL	ASSEMBLED - R. P. D.
	CHECKED -

EXAMINED  
7.8

USER NAME - #USER#	DESIGNED - AA	REVISED -
PLOT SCALE - #SCALE#	DRAWN - AA	REVISED -
PLOT DATE - #DATE#	CHECKED - OAO	REVISED -
	DATE - 08/18/2017	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS  
STRUCTURE NO. 006-2580

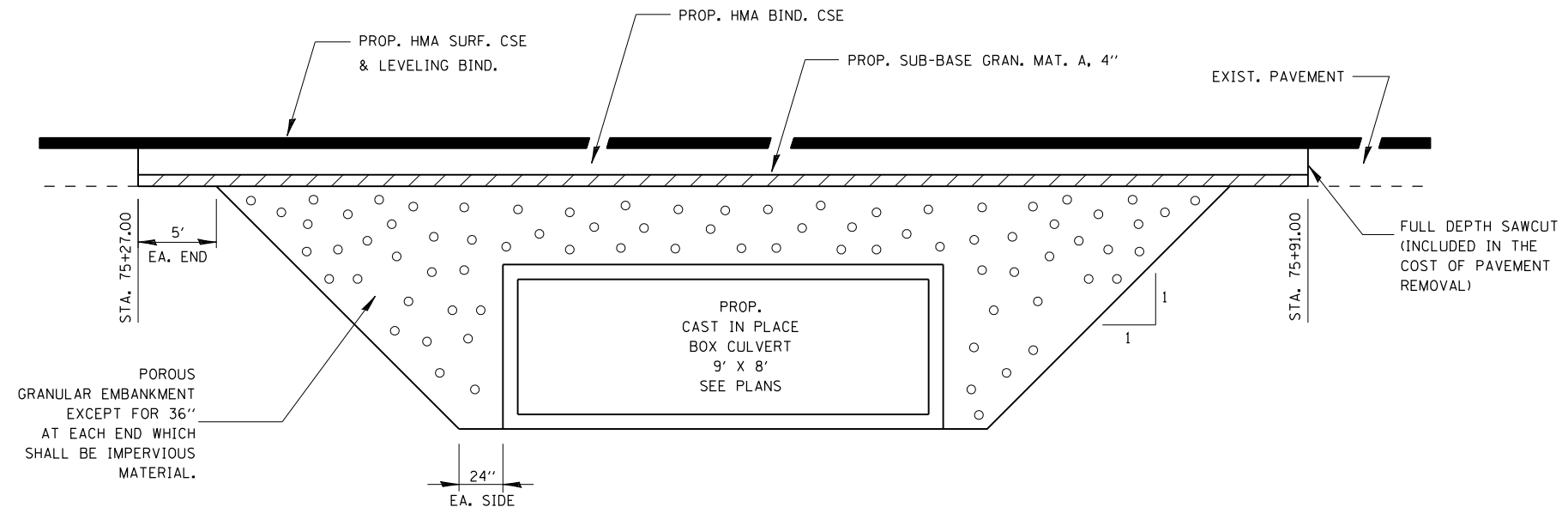
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F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2247	12C	BUREAU	29	22
CONTRACT NO. 66C57				

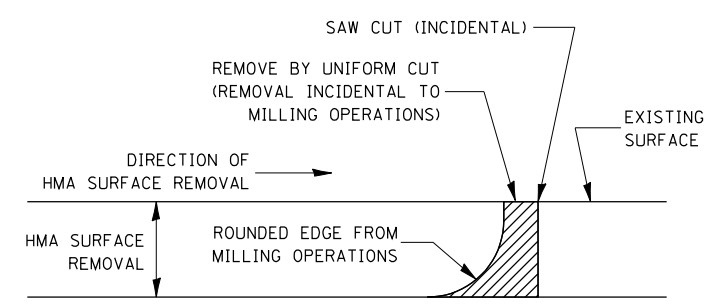
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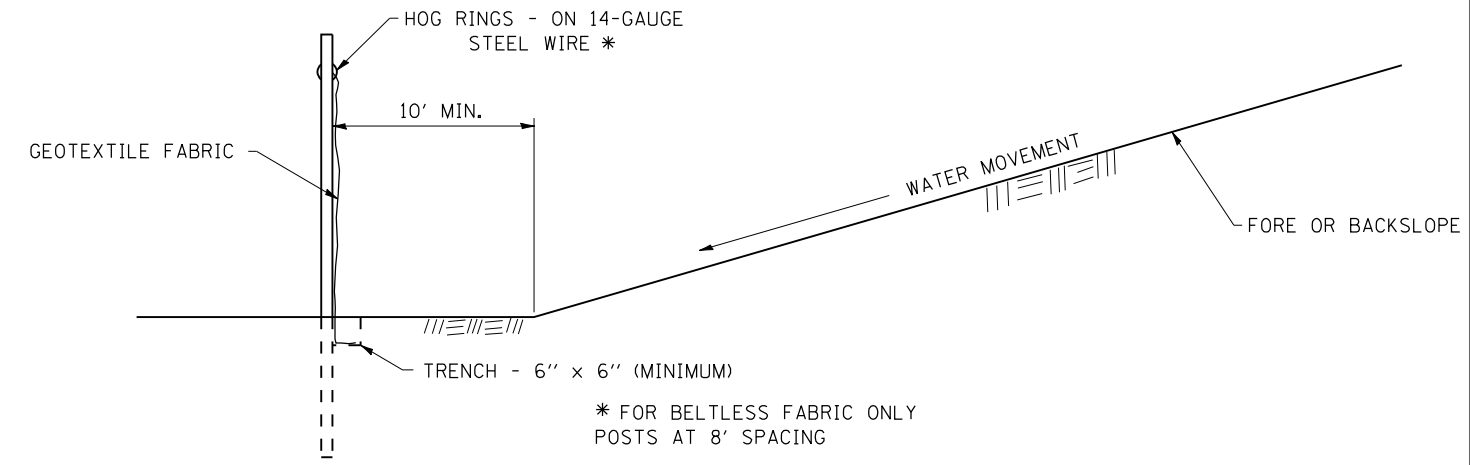
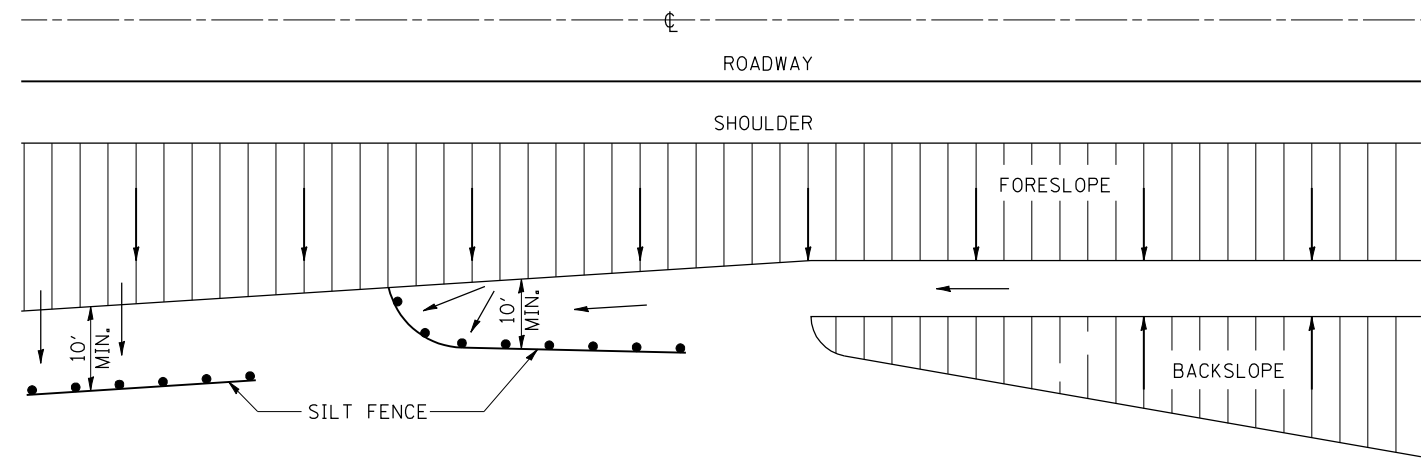


**SECTION THROUGH CAST-IN-PLACE BOX CULVERT**



NOTE:  
WHEN MILLING OPERATIONS PRODUCE A ROUNDED EDGE, THEN A SAW CUT SHALL BE USED TO MANUFACTURE A PERPENDICULAR EDGE AS SHOWN IN THE DETAIL. THE ENGINEER SHALL BE THE SOLE JUDGE CONCERNING THE USE OF THIS DETAIL

**HMA DETAIL AT BUTT JOINTS**



**EROSION CONTROL DETAILS FOR SILT FENCE**

FILE NAME = \$FILEL\$

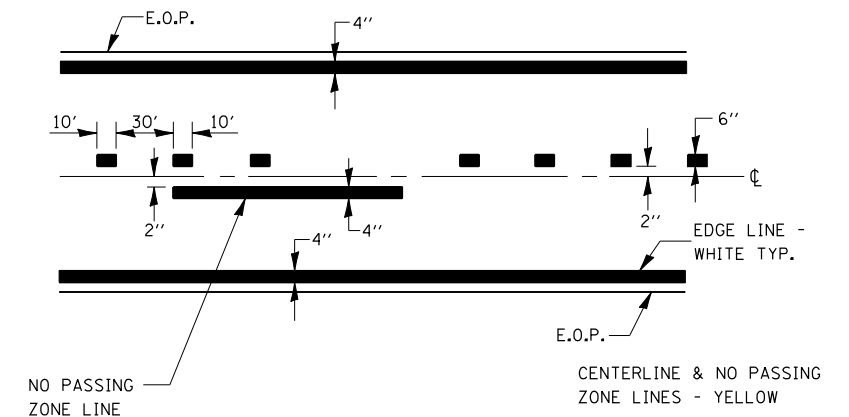
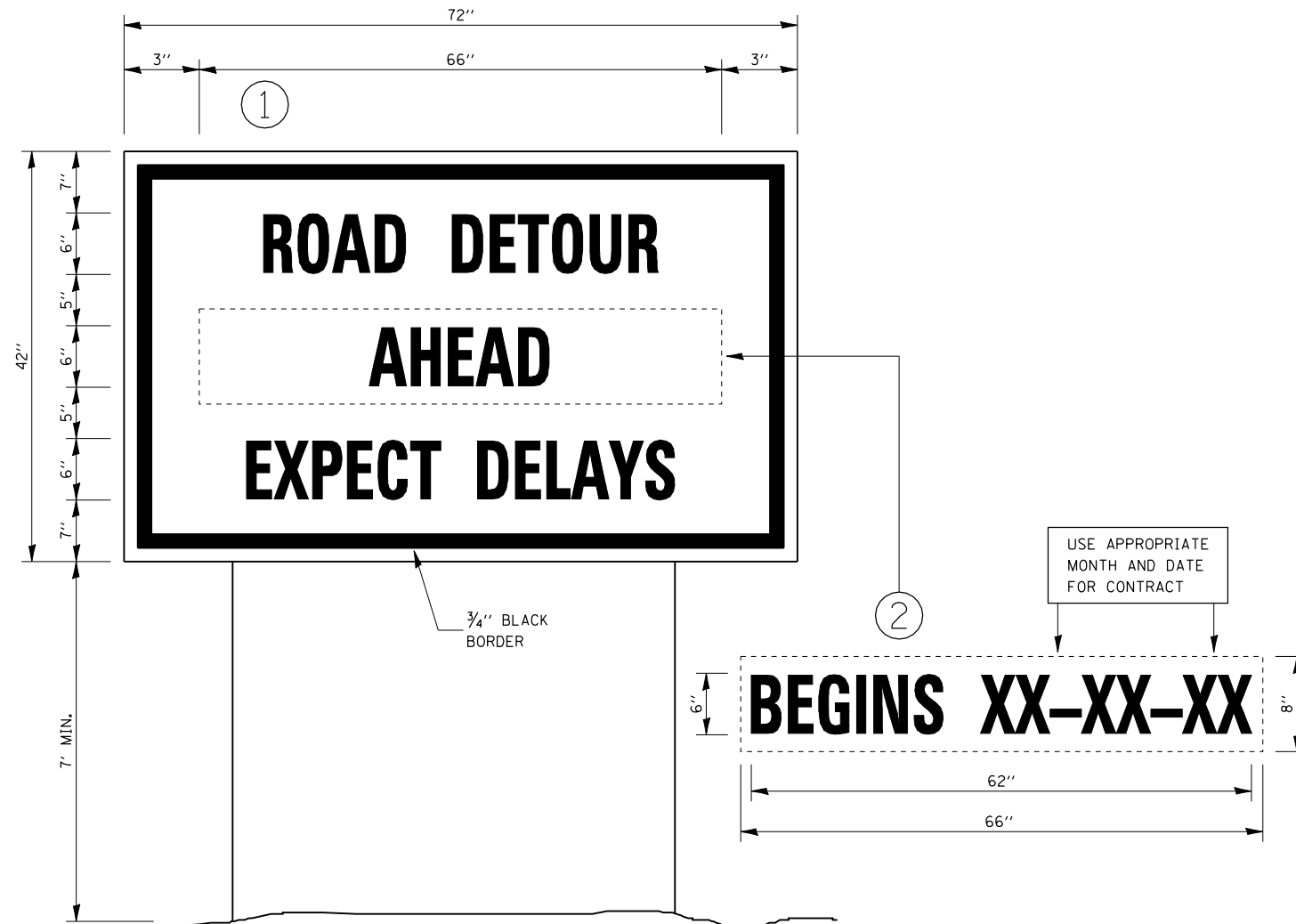


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DRAWN - AA	REVISED -	
PLOT SCALE = \$SCALE\$	CHECKED - OAO	REVISED -
PLOT DATE = \$DATE\$	DATE - 08/18/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

<b>DETAILS</b>			
SCALE:	SHEET	OF	SHEETS
	STA.		TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2247	12C	BUREAU	29	23
CONTRACT NO. 66C57				
ILLINOIS FED. AID PROJECT				



### PAVEMENT MARKING

### 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 DETOUR.
4. REMOVE PANEL ② ON THAT DATE.
5. SEE SPECIAL PROVISION "TEMPORARY INFORMATION SIGNING" FOR ADDITIONAL INFORMATION.
6. WILL BE PAID FOR PER SO FT AS "TEMPORARY INFORMATION SIGNING". EACH SIGN = 21 SO FT AND THE DATE PANEL ② WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.

FILE NAME = \$FILEL\$



USER NAME = \$USER\$	DESIGNED - BL	REVISED -
	DRAWN - AA	REVISED -
PLOT SCALE = \$SCALE\$	CHECKED - OAO	REVISED -
PLOT DATE = \$DATE\$	DATE - 08/18/2017	REVISED -

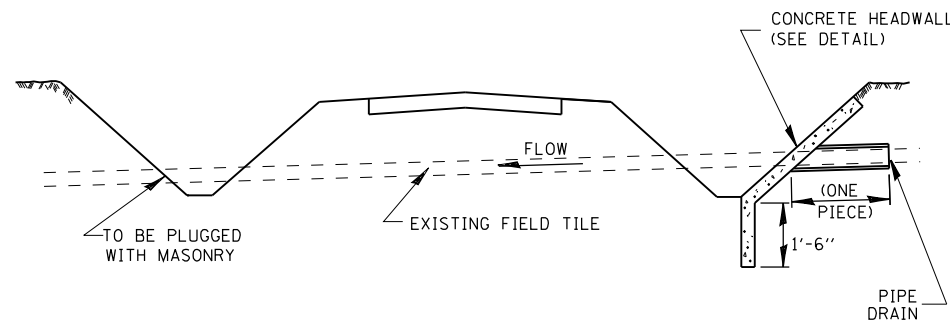
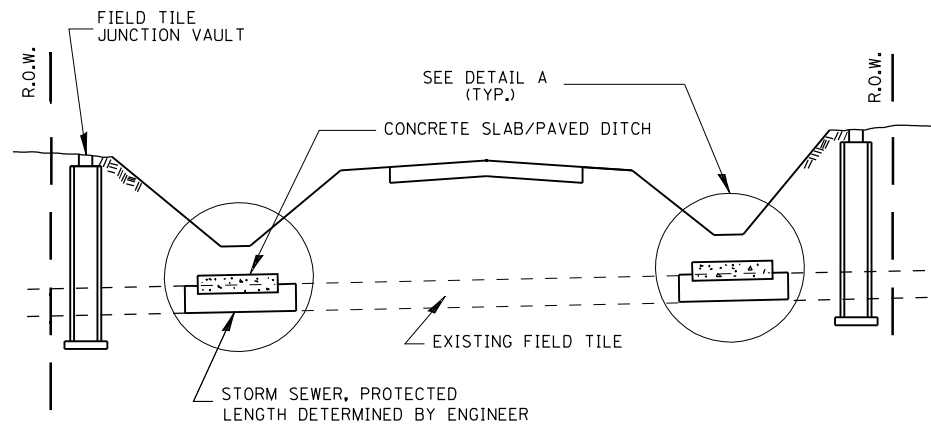
STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

#### DETAILS

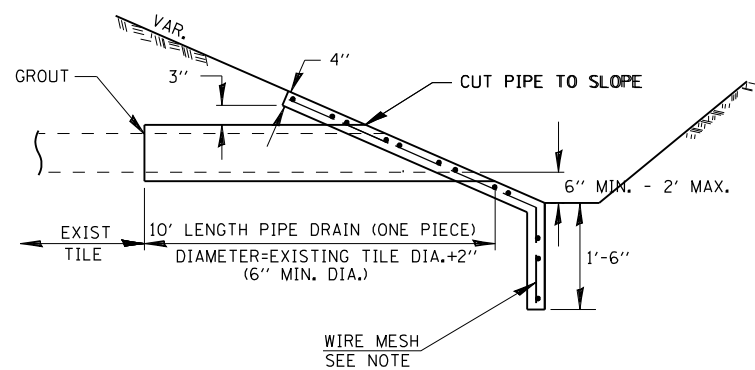
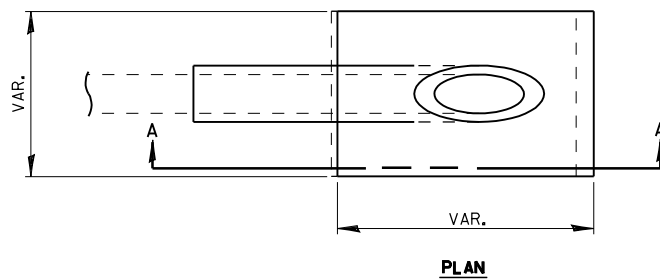
SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2247	12C	BUREAU	29	24
CONTRACT NO. 66C57				
ILLINOIS FED. AID PROJECT				



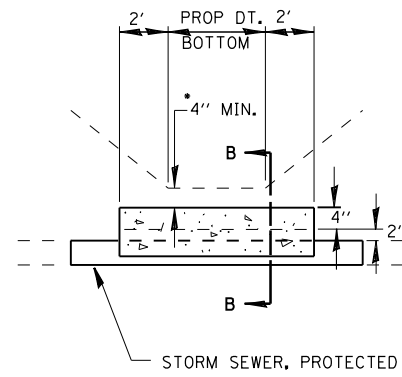


**FIELD TILE REPLACEMENT**



**SECTION A-A**

**CLASS SI CONCRETE HEADWALLS**



**DETAIL A**

NO SCALE

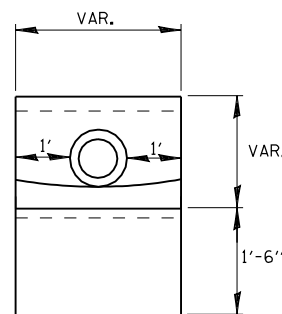
\* IF A 4" COVER CAN NOT BE PROVIDED A PAVED DITCH SHALL BE CONSTRUCTED AS SHOWN IN DETAIL C.

**NOTES**

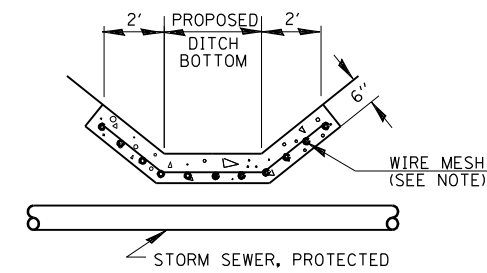
1. WIDTH OF CONCRETE SLAB SHALL BE THE SAME AS THE TRENCH WIDTH IN ACCORDANCE WITH SECTION 550 OF THE STD. SPECIFICATIONS, OR 3' MIN.
2. CONCRETE FOR SLAB, HEADWALL AND PAVED DITCH SHALL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC YARD FOR "MISCELLANEOUS CONCRETE."
3. COST OF FURNISHING AND INSTALLING WIRE MESH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR MISCELLANEOUS CONCRETE. WIRE MESH TO WEIGH NOT LESS THAN 58# PER 100 SQ. FT.

**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 WIRE MESH SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE PER CUBIC YARD FOR MISCELLANEOUS CONCRETE. WIRE MESH TO WEIGH NOT LESS THAN 58# PER 100 SQ. FT.

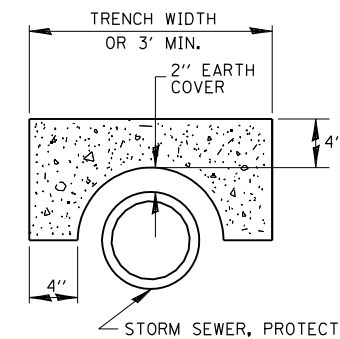


**END VIEW**

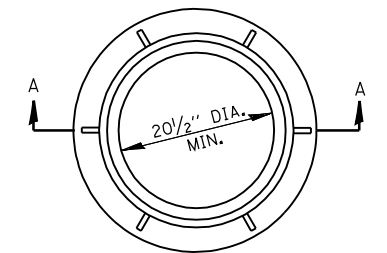
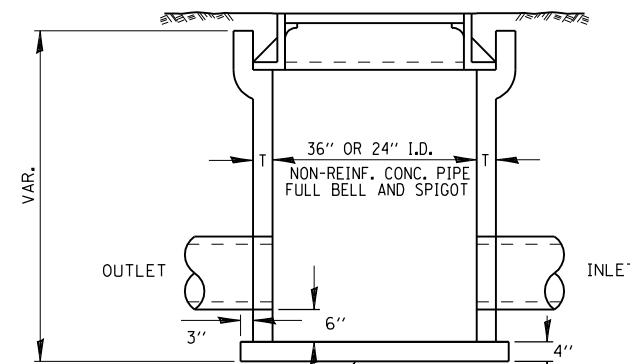


**DETAIL C**

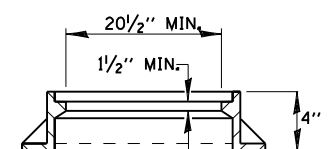
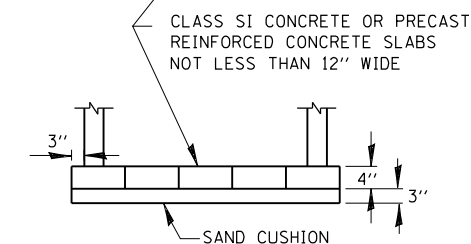
NO SCALE



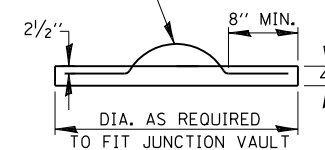
**SECTION B-B**



± 145#



**SECTION A-A**



**FIELD TILE JUNCTION VAULT**

ALTERNATE MATERIALS FOR WALLS	T
PRECAST REINFORCED CONCRETE RISERS	4"
CONCRETE MASONRY UNIT	5"
MONOLITHIC CONCRETE	6"
BUILDING BRICK, GRADE SW FROM CLAY OR SHALE	8"
CONCRETE BUILDING BRICK, GRADE A	8"

**NOTES**

1. THE CONTRACT UNIT PRICE FOR FIELD TILE JUNCTION VAULT SHALL INCLUDE THE COST OF FURNISHING AND PLACING THE FRAME AND GRATE OR PRECAST CONCRETE LID AND WHEN REQUIRED, THE SAND CUSHION.
2. ALL FIELD TILE JUNCTION VAULTS SHALL BE 2'-0" IN DIAMETER UNLESS OTHERWISE NOTED ON THE PLANS.

FILE NAME = \$FILEL\$



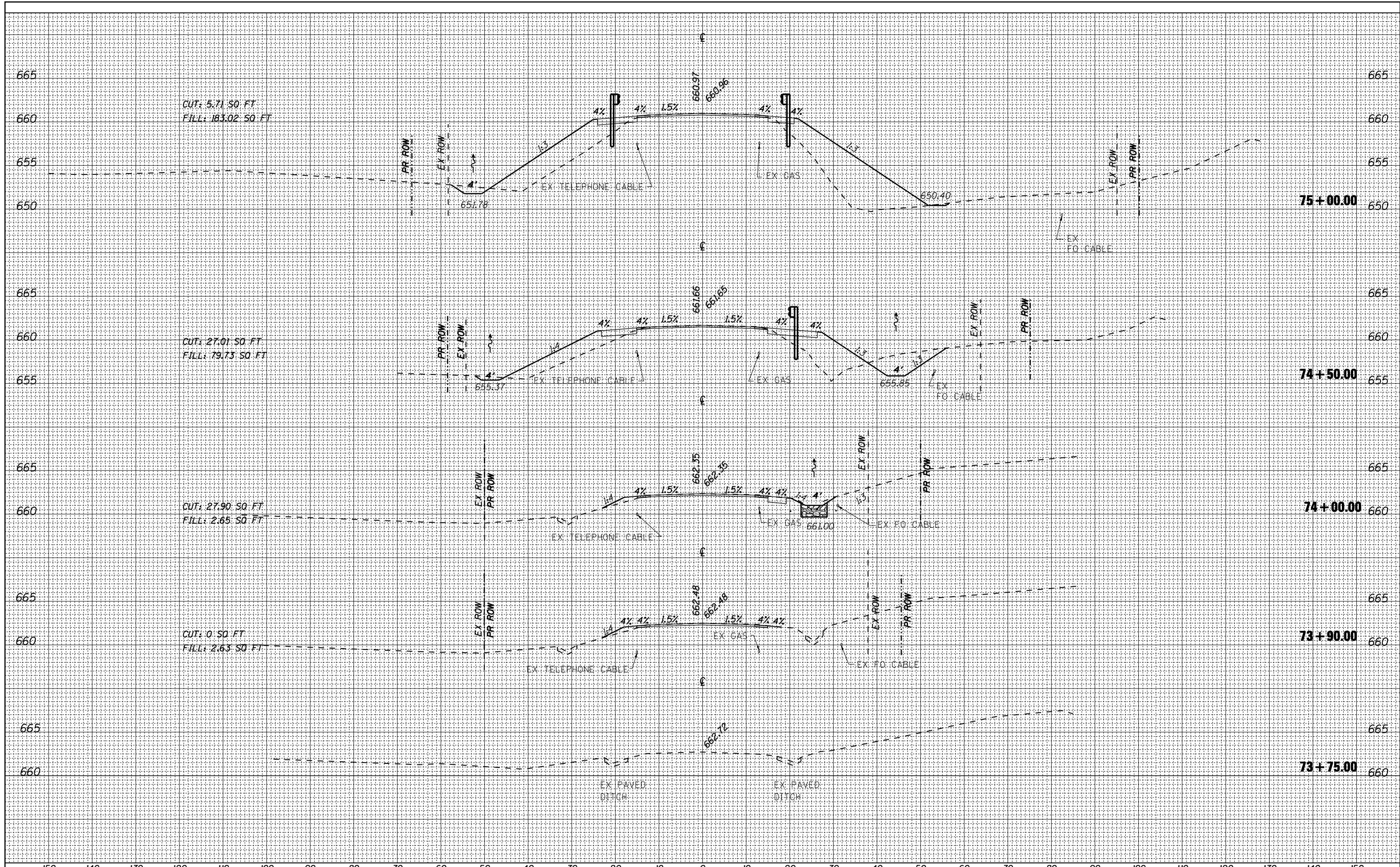
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PLOT DATE = \$DATE\$	CHECKED - OAO	REVISED -
	DATE - 08/18/2017	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

DETAILS		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
SCALE:	SHEET OF SHEETS	2247	12C	BUREAU	29	25
STA.	TO STA.	CONTRACT NO. 66C57				
ILLINOIS FED. AID PROJECT						

DATE	
BY	
CHECKED	
DESIGNED	
PLANNED	
TEMPLATE	

DATE	
BY	
CHECKED	
DESIGNED	
PLANNED	
TEMPLATE	



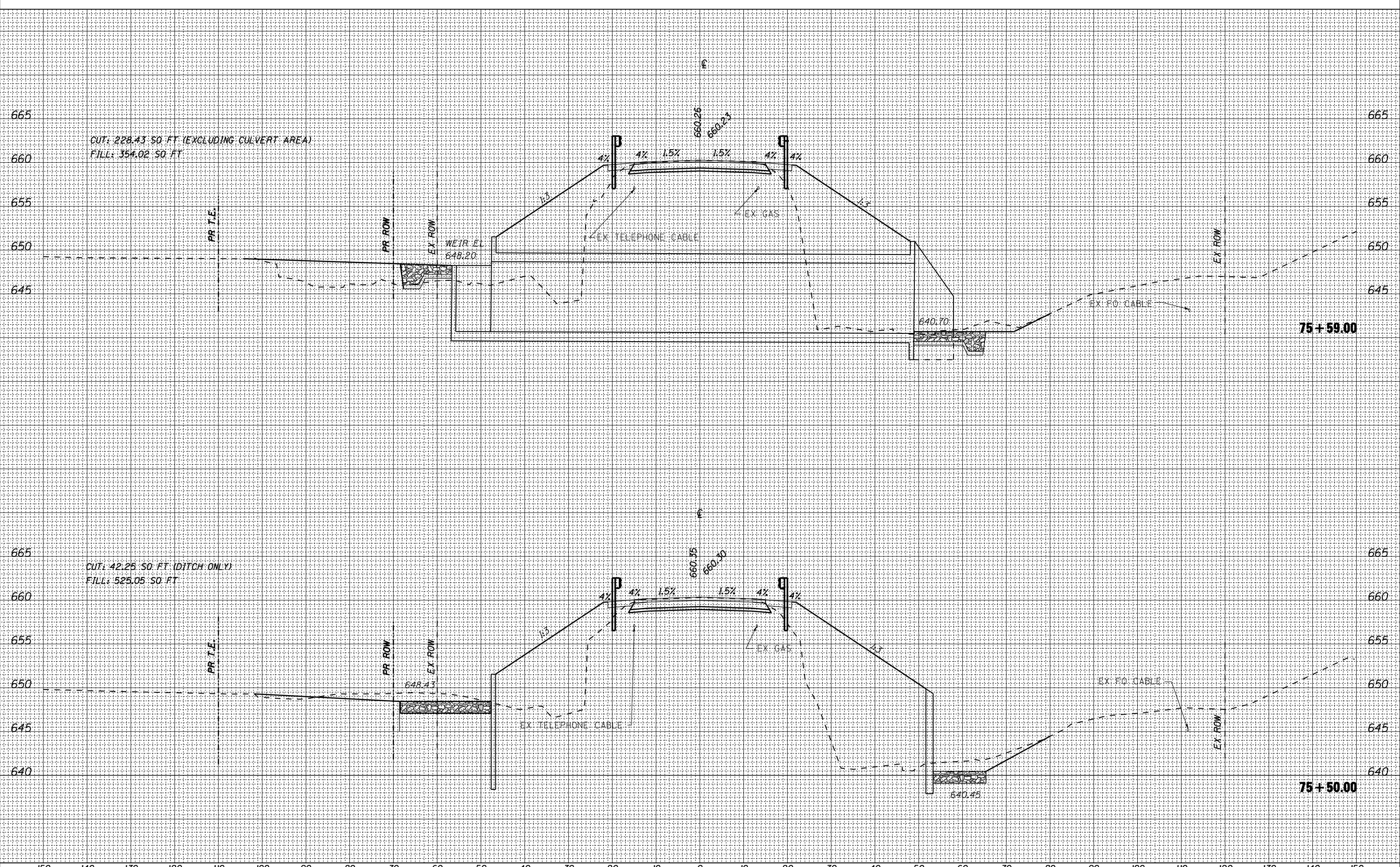
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DRAWN	= BL	CHECKED	= AA	REVISED	=
DATE	= 08/18/2017				

<b>CROSS SECTIONS</b>			
SCALE:	SHEET	OF	SHEETS
STA. 73+75.00			TO STA. 74+50.00

F&S	SECTION	COUNTY	TOTAL	SHEET
2247	12C	BUREAU	29	26
CONTRACT NO. 68C57				
ILLINOIS		FED. AID PROJECT		

DATE	
BY	
CHECKED	
DESIGNED	
PLANNED	
TEMPLATE	
WROTE	
DATE	
NO.	

DATE	
BY	
CHECKED	
DESIGNED	
PLANNED	
TEMPLATE	
WROTE	
DATE	
NO.	



CUT: 228.43 SQ. FT. (EXCLUDING CULVERT AREA)  
 FILL: 354.02 SQ. FT.

CUT: 42.25 SQ. FT. (DITCH ONLY)  
 FILL: 525.05 SQ. FT.

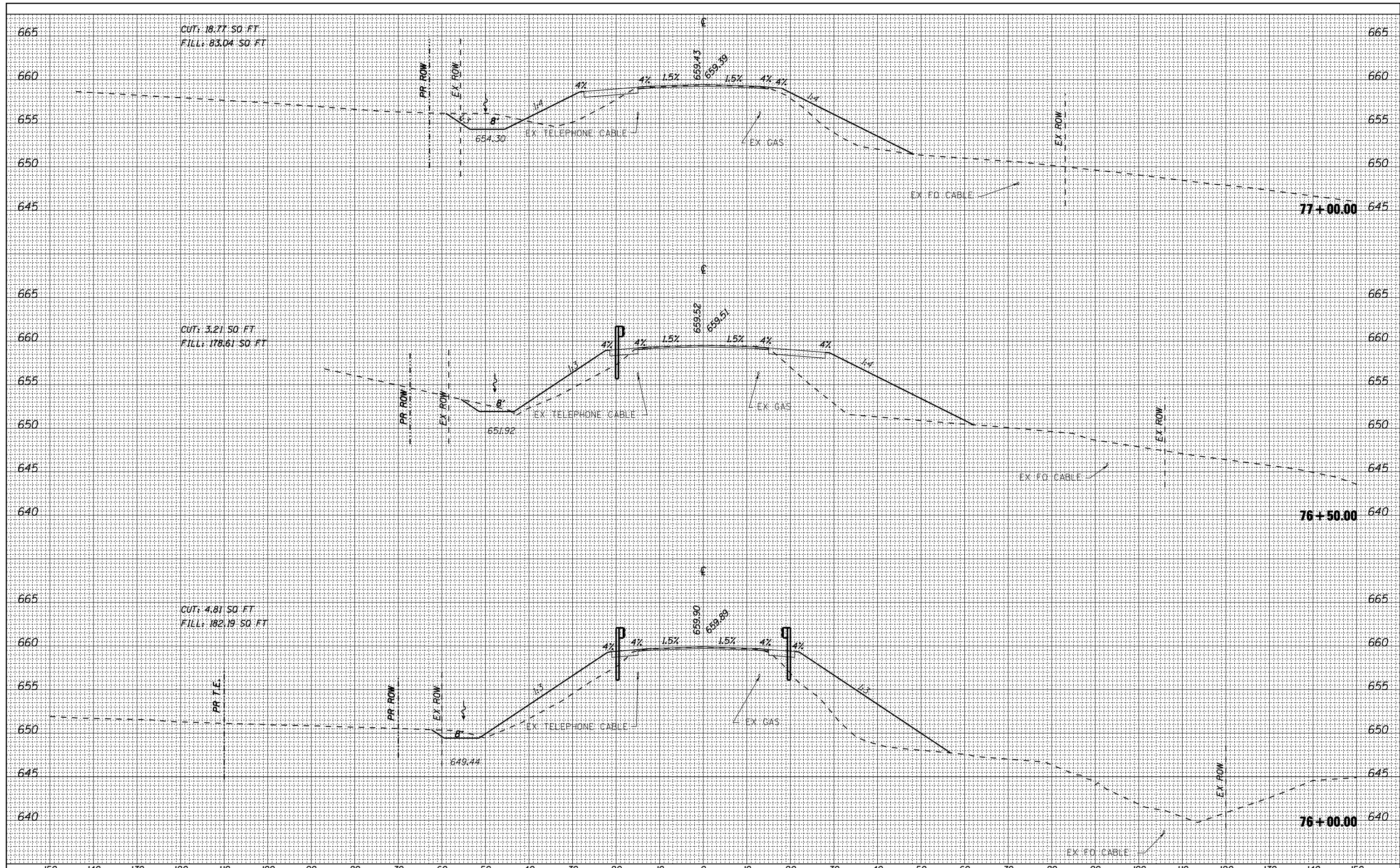
75 + 59.00

75 + 50.00

150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150																																										
<table border="1"> <tr><td>ORDER NAME</td><td>=</td><td>SURESS</td><td>DESIGNED</td><td>-</td><td>BL</td><td>REVISED</td><td>-</td></tr> <tr><td>DRAWN</td><td>-</td><td>BL</td><td>CHECKED</td><td>-</td><td>AA</td><td>REVISED</td><td>-</td></tr> <tr><td>DATE</td><td>-</td><td>08/18/2017</td><td>REVISED</td><td>-</td><td></td><td></td><td></td></tr> </table>																	ORDER NAME	=	SURESS	DESIGNED	-	BL	REVISED	-	DRAWN	-	BL	CHECKED	-	AA	REVISED	-	DATE	-	08/18/2017	REVISED	-				<p align="center"><b>STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION</b></p>										<p align="center"><b>CROSS SECTIONS</b></p>										<table border="1"> <tr><td>F.A.S. RTE.</td><td>SECTION</td><td>COUNTY</td><td>TOTAL SHEETS</td><td>SHEET NO.</td></tr> <tr><td>2247</td><td>12C</td><td>BUREAU</td><td>29</td><td>27</td></tr> </table>		F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	2247	12C	BUREAU	29	27
ORDER NAME	=	SURESS	DESIGNED	-	BL	REVISED	-																																																																	
DRAWN	-	BL	CHECKED	-	AA	REVISED	-																																																																	
DATE	-	08/18/2017	REVISED	-																																																																				
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.																																																																				
2247	12C	BUREAU	29	27																																																																				
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SCALE:	SHEET	OF	SHEETS	STA.	75+50.00	TO STA.	75+59.00																																																																	
ILLINOIS	FED. AID PROJECT																																																																							

DATE		
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REVISIONS		
NO.	DATE	DESCRIPTION
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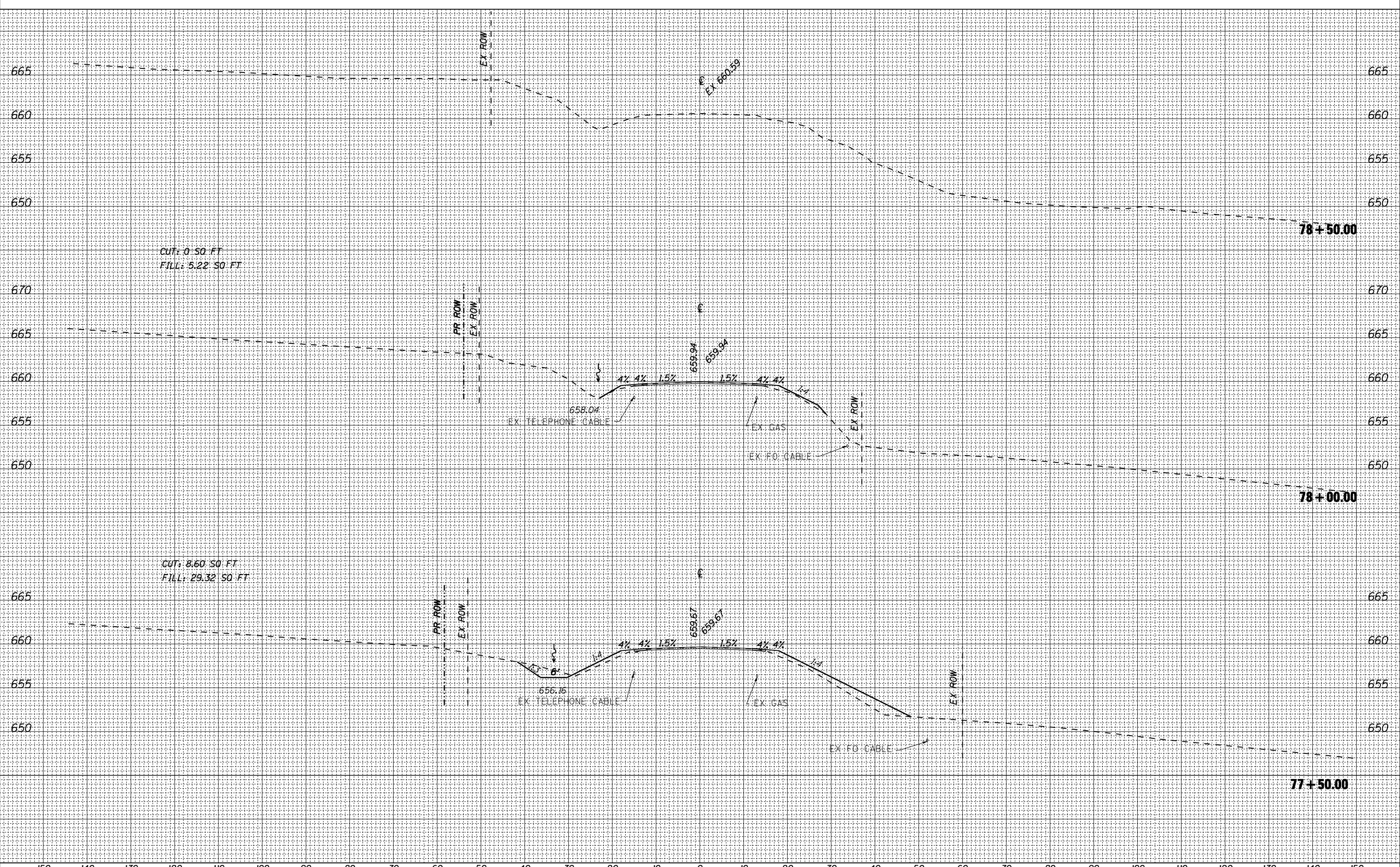
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BY		
REVISIONS		
NO.	DATE	DESCRIPTION
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 S & I ENGINEERING CORP. www.sdiagr.com	ORDER NAME = 2247 PLOT SCALE = 1"=40' PLOT DATE = 08/18/2017	DESIGNED - BL DRAWN - BL CHECKED - AA DATE - 08/18/2017	REVISED - REVISED - REVISED - REVISED -	<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>	<b>CROSS SECTIONS</b>		SCALE: 1"=40' SHEET 28 OF 29 SHEETS STA. 75+75.00 TO STA. 76+00.00	F.A.S. SITE: 2247 SECTION: 12C COUNTY: ILLINOIS BUREAU: BUREAU TOTAL SHEETS: 29 SHEET NO.: 28 CONTRACT NO. 68C57
	ILLINOIS FED. AID PROJECT							

DATE	
BY	
DESIGNED	
PLANNED	
TEMPLATE	
WRITE BOOK	
PRINT SHEETS	
NO.	

DATE	
BY	
DESIGNED	
PLANNED	
TEMPLATE	
WRITE BOOK	
PRINT SHEETS	
NO.	



150	140	130	120	110	100	90	80	70	60	50	40	30	20	10	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150															
<b>STATE OF ILLINOIS</b> <b>DEPARTMENT OF TRANSPORTATION</b>																<b>CROSS SECTIONS</b> SCALE: SHEET OF SHEETS STA. 76+25.00 TO STA. 76+50.00										F.A.S. RITE. 2247		SECTION 12C		COUNTY BUREAU		TOTAL SHEETS 29		SHEET NO. 29											
																										ORDER NAME = 50826										DESIGNED - BL		REVISED -		DRAWN - BL		REVISED -		CHECKED - AA	
PLOT SCALE = 30/48																PLOT DATE = 08/18/2017																CONTRACT NO. 68C57										ILLINOIS		FED. AID PROJECT	

