

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	120 BR-1	IROQUOIS	30	1
FED. ROAD DIST. NO.	ILLINOIS	CONTRACT NO.	66C36	

INDEX OF SHEETS

- 1 COVER SHEET
- 2 HIGHWAY STANDARDS, GENERAL NOTES AND COMMITMENTS
- 3-7 SUMMARY OF QUANTITIES
- 8 TYPICAL SECTIONS
- 9-10 SCHEDULE OF QUANTITIES
- 11 ALIGNMENT, TIES AND BENCHMARKS
- 12 PLAN AND PROFILE
- 13-14 TRAFFIC CONTROL
- 15 EROSION CONTROL PLAN
- 16 DRAINAGE PLAN AND PROFILE
- 17 RIGHT OF WAY PLAN
- 18-25 STRUCTURAL PLANS
- 26-27 DETAILS
- 28-30 CROSS SECTIONS

STATE OF ILLINOIS 03-06-15 LETTING ITEM 043

DEPARTMENT OF TRANSPORTATION

DIVISION OF HIGHWAYS

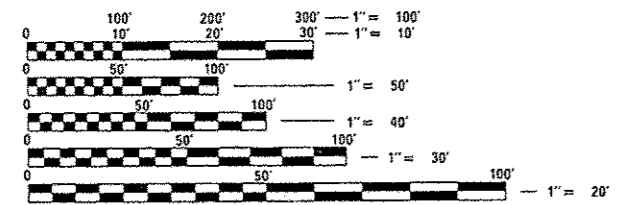
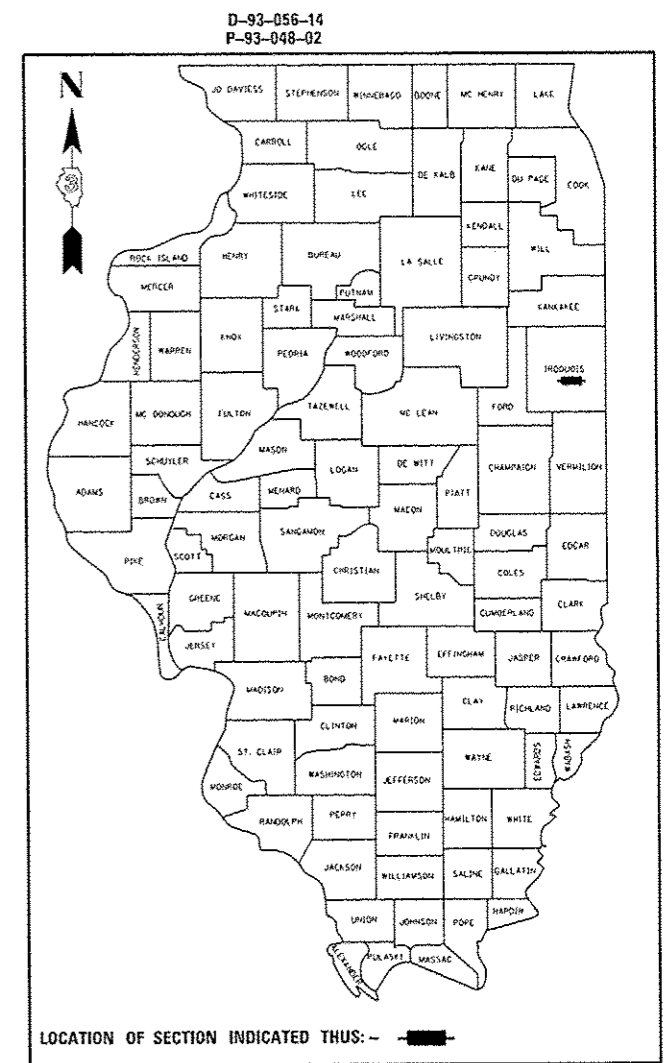
PROPOSED

HIGHWAY PLANS

FOR LIST OF HIGHWAY STANDARDS, SEE SHEET NO. 2

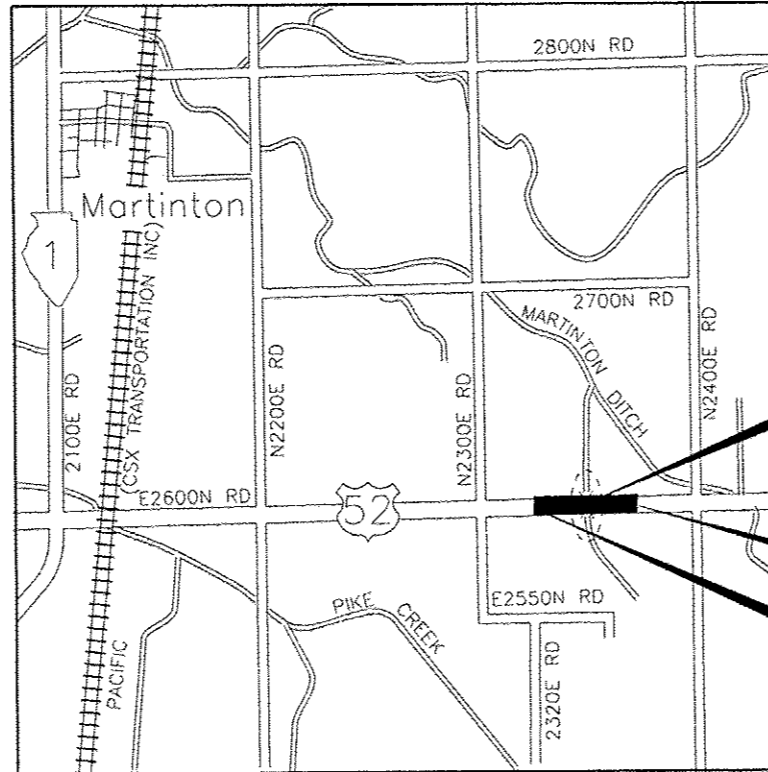
FAS 315 (US 52)
SECTION 120 BR-1
PROJECT: ACRS-0315(104)
IROQUOIS COUNTY
C - 93 - 105 - 14

REMOVAL AND REPLACEMENT OF STRUCTURE
OVER MARTINTON DITCH NO. 3
LOCATED APPROX. 2.6 MILES EAST OF IL 1



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



EX. S.N. 038-0141
PROP. S.N. 038-2028
STA 137 + 97.50
DOUBLE 10' X 8' PRE-CAST
CONCRETE BOX CULVERT

END IMPROVEMENT
STA. 140 + 50.00

BEGIN IMPROVEMENT
STA. 135 + 50.00

JAMEEL AHMED
 ILLINOIS 062-06872
 LICENSED PROFESSIONAL ENGINEER
Jameel Ahmed
 DATE LICENSE EXPIRES ON 11/30/2015

SYED S. KAZI
 ILLINOIS 081-007213
 LICENSED STRUCTURAL ENGINEER
Syed S. Kazi
 DATE LICENSE EXPIRES ON 11/30/2014

FUNCTION CLASSIFICATION

MAJOR COLLECTOR (NON-URBAN)
 2013 ADT = 1550
 P.V. = 83.2% S.U. = 5.2% M.U. = 11.6%

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION
 DIVISION OF HIGHWAYS

SUBMITTED *October 10 20 14*
Paul Coates P.E.
 DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

Jan 30 20 15
John D. Baranzoni P.E. / P
 ENGINEER OF DESIGN AND ENVIRONMENT

Jan 30 20 15
Amer Osman P.E. / P
 DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

DISTRICT 3 NO. (815) 434-6131
PROJECT ENGINEER: JOSEPH KANNEL, P.E.
UNIT CHIEF: MICHELE LINDEMANN, P.E.
TOWNSHIP: MARTINTON (T28N, R12W, SEC. 23, 26)
CONTRACT NO. 66C36

DELTA ENGINEERING GROUP, LLC
 CONSULTING ENGINEERS, CONSTRUCTION MANAGERS, SURVEYORS
 111 W JACKSON BLVD, SUITE 910
 CHICAGO, IL 60604
 T 312.377.7700, F 312.427.6145

PRINTED BY THE AUTHORITY
OF THE STATE OF ILLINOIS

PLAN	DATE
BY	
CHECKED	
DATE	
NO.	

PROFILE	DATE
BY	
CHECKED	
DATE	
NO.	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				BOX CULVERT 0011 S.N. 038-2028
28200200	FILTER FABRIC	SO YD	175	175
31100300	SUB-BASE GRANULAR MATERIAL, TYPE A 4"	SO YD	187	187
35501316	HOT-MIX ASPHALT BASE COURSE, 8"	SO YD	184	184
40200800	AGGREGATE SURFACE COURSE, TYPE B	TON	63	63
40600275	BITUMINOUS MATERIALS (PRIME COAT)	POUND	1064	1064
40600400	MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS	TON	0.38	0.38
40600525	LEVELING BINDER (HAND METHOD), N50	TON	0.72	0.72
40600625	LEVELING BINDER (MACHINE METHOD), N50	TON	61	61
40600990	TEMPORARY RAMP	SO YD	44	44
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	122	122
44000100	PAVEMENT REMOVAL	SO YD	112	112
44000158	HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	SO YD	1274	1274
48203029	HOT-MIX ASPHALT SHOULDERS, 8"	SO YD	720	720
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	1	1

* SPECIALTY ITEMS

FILE NAME =	USER NAME = rmmu001	DESIGNED - TC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES SHEET 2 OF 5				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
C:\NLP101018 W08 66C36 03 CULVERT\005	File**4.036C36-ent-5002.dgn	DRAWN - RM	REVISED -		SCALE:	SHEET	OF	SHEETS	STA. +-----	TO STA. +-----	315	120BR-1	IRROQUOIS	30 4
	PLOT SCALE = 2,0000' / 1"	CHECKED - JA	REVISED -		CONTRACT NO. 66C36									
	PLOT DATE = 10/8/2014	DATE - 10/8/2014	REVISED -		ILLINOIS FED. AID PROJECT									

PLAN	SURVEYED	DATE
	PLOTTED	
	REVISIONS	
	BY	
	DATE	
	NOTE BOOK	
	NO.	
	FILE NAME	

PROFILE	SURVEYED	DATE
	PLOTTED	
	REVISIONS	
	BY	
	DATE	
	NOTE BOOK	
	NO.	
	FILE NAME	

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				BOX CULVERT 0011 S.N. 038-2028
50105220	PIPE CULVERT REMOVAL	FOOT	28	28
50200100	STRUCTURE EXCAVATION	CU YD	767	767
51500100	NAME PLATES	EACH	1	1
54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EACH	4	4
54011008	PRECAST CONCRETE BOX CULVERTS 10' x 8'	FOOT	78	78
54200220	PIPE CULVERTS, CLASS D, TYPE 1 15"	FOOT	54	54
54213450	END SECTIONS 15"	EACH	2	2
* 63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	25	25
* 63000370	LONG-SPAN GUARDRAIL OVER CULVERT, 25 FT SPAN	FOOT	325	325
* 63100169	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	EACH	4	4
63200310	GUARDRAIL REMOVAL	FOOT	413	413
66600105	FURNISHING AND ERECTING RIGHT OF WAY MARKERS	EACH	8	8
66700205	PERMANENT SURVEY MARKERS, TYPE 1	EACH	1	1
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MD	6	6

* SPECIALTY ITEMS

FILE NAME =	USER NAME = rmanuod	DESIGNED - TC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SUMMARY OF QUANTITIES				F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
GNLPIB1018 W08 66C36 D3 CULVERT\085	File**5.0966C36\shc-5002.dgn	DRAWN - RM	REVISED -		SHEET 3 OF 5				315	120BR-1	IRROUOIS	30	5
	PLOT SCALE = 2.0000' / 1"	CHECKED - JA	REVISED -		SCALE:	SHEET	OF	SHEETS	STA.	TO STA.	CONTRACT NO. 66C36		
	PLOT DATE = 10/8/2014	DATE - 10/8/2014	REVISED -		ILLINOIS FED. AID PROJECT								

PAVEMENT REMOVAL SCHEDULE

LOCATION			HOT-MIX ASPHALT SURFACE REMOVAL, 2 1/4"	PAVEMENT REMOVAL
STATION	TO	STATION	(SQ YD)	(SQ YD)
135+50.00	TO	137+68.00	630	
137+68.00	TO	137+87.47		56
138+07.61	TO	138+27.00		56
138+27.00	TO	140+50.00	644	
TOTAL			1274	112

PAVEMENT SCHEDULE

LOCATION	SIDE	SUB-BASE GRANULAR MATERIAL TY A 4"	HOT-MIX ASPHALT BASE COURSE 8"	BITUMINOUS MATERIALS (PRIME COAT)	MIXTURE FOR CRACKS, JOINTS AND FLANGEWAYS	LEVELING BINDER (MACHINE METHOD), N50	LEVELING BINDER (HAND METHOD), N50	HOT-MIX ASPHALT SURFACE COURSE MIX "C", N50	HOT-MIX ASPHALT SHOULDERS, 8"
STATION TO STATION	LT/RT	(SQ YD)	(SQ YD)	(POUND)	(TON)	(TON)	(TON)	(TON)	(SQ YD)
135+50.00 TO 140+50.00				1064	0.38	61	0.72	122	720
136+06.25 TO 139+88.75									
137+68.00 TO 138+27.00		187	184						
FIELD ENTRANCE AT STA. 139+32	RT								
TOTAL		187	184	1064	0.38	61	0.72	122	720

GUARDRAIL REMOVAL SCHEDULE

LOCATION			SIDE	GUARDRAIL REMOVAL
STATION	TO	STATION	LT/RT	(FOOT)
136+85.71	TO	136+99.94	LT	14
136+99.94	TO	137+87.81	LT	88
138+06.56	TO	138+99.29	LT	93
138+99.29	TO	139+10.03	LT	11
136+85.28	TO	136+99.68	RT	15
136+99.68	TO	137+87.86	RT	88
138+05.66	TO	138+98.96	RT	93
138+98.96	TO	139+09.93	RT	11
TOTAL				413

GUARDRAIL SCHEDULE

LOCATION	SIDE	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	LONG-SPAN GUARDRAIL OVER CULVERT, 25 FT SPAN	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) FLARED	GUARDRAIL MARKERS, TYPE A	TERMINAL MARKER - DIRECT APPLIED		
STATION	TO	STATION	LT/RT	(FOOT)	(FOOT)	(EACH)	(EACH)	(EACH)
136+47.50	TO	136+97.50	RT			1		1
136+97.50	TO	137+10.00	RT	12.50				
137+10.00	TO	138+60.00	RT		150		3	
138+60.00	TO	139+10.00	RT			1		1
136+60.00	TO	137+10.00	LT			1		1
137+10.00	TO	138+85.00	LT		175		3	
138+85.00	TO	138+97.50	LT	12.50				
138+97.50	TO	139+47.50	LT			1		1
APPLIED AT EACH FACE OF TBT								
TOTAL				25.00	325	4	6	4

DRAINAGE STRUCTURE SCHEDULE

LOCATION	SIDE	STONE RIPRAP, CLASS A4	FILTER FABRIC	PIPE CULVERT REMOVAL	PIPE CULVERT, CLASS D, TYPE 1 15"	END SECTIONS 15"		
STATION	TO	STATION	LT/RT	(SQ YD)	(SQ YD)	(FOOT)	(FOOT)	(EACH)
137+50.00	TO	138+27.00	LT	74	74			
137+50.00	TO	138+50.00	RT	101	101			
139+17.89	TO	139+46.34	RT			28		
139+60.00	TO	139+06.65	RT				54	
139+06.65			RT					1
139+60.00			RT					1
TOTAL				175	175	28	54	2

PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	
	ALIGNED	
	CHECKED	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	
	STRUCTURE	
	NOTATIONS	

FILE NAME = G:\P101101B W08 66C36 D3 CULVERT\00Sheet	USER NAME = rmemucod	DESIGNED - TC	REVISED -
	Files\9.D366C36-sht-schedule1.dgn	DRAWN - RM	REVISED -
	PLOT SCALE = 2.0000' / in.	CHECKED - JA	REVISED -
	PLOT DATE = 10/8/2014	DATE - 10/8/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SCHEDULES OF QUANTITIES
SHEET 1 OF 2

SCALE: SHEET OF SHEETS STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	120BR-1	IRROUOIS	30	9
CONTRACT NO. 66C36				
ILLINOIS FED. AID PROJECT				

BENCHMARK 0141

CHISELED SQUARE IN SOUTHEAST CORNER OF SOUTHEAST WINGWALL,
STA 138+07.83, ELEV. = 632.360

BENCHMARK #2

RAILROAD SPIKE IN POWER POLE SOUTHSIDE STA. 138+56.45, ELEV. = 630.413

BENCHMARK #3

RAILROAD SPIKE IN POWER POLE SOUTHSIDE ±STA. 144+00 RT, ELEV. = 634.07

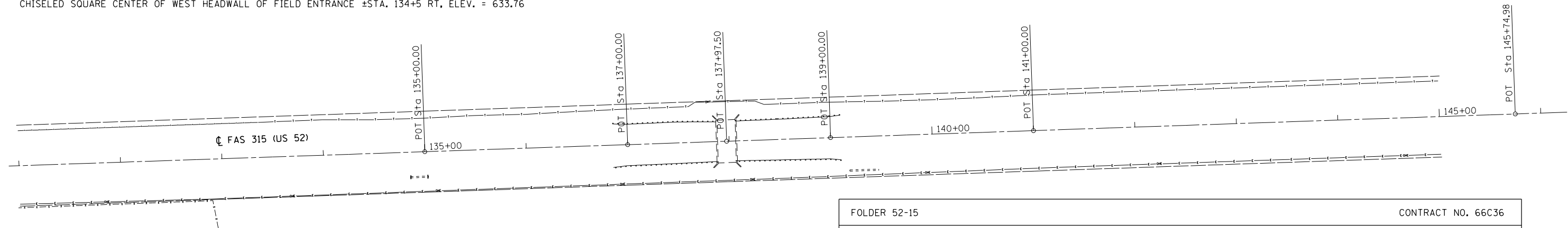
BENCHMARK #4

CHISELED SQUARE CENTER OF WEST HEADWALL OF FIELD ENTRANCE ±STA. 134+5 RT, ELEV. = 633.76

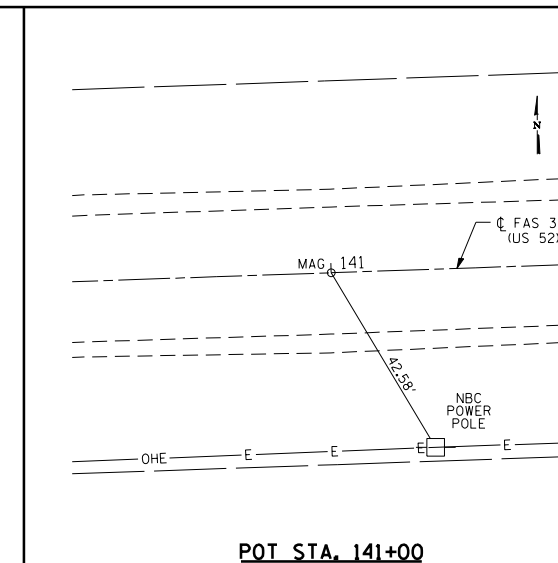
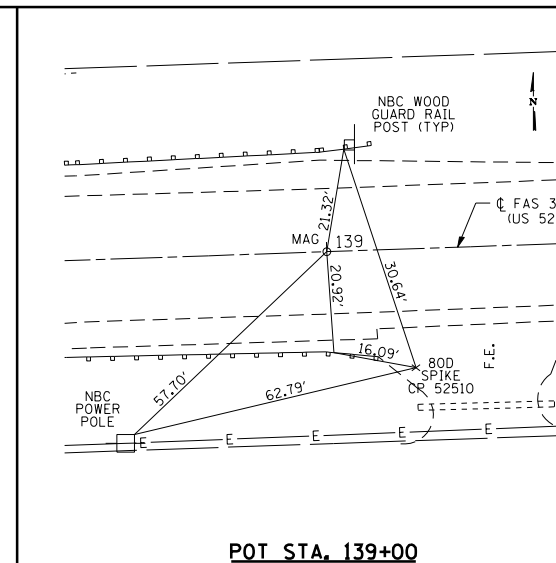
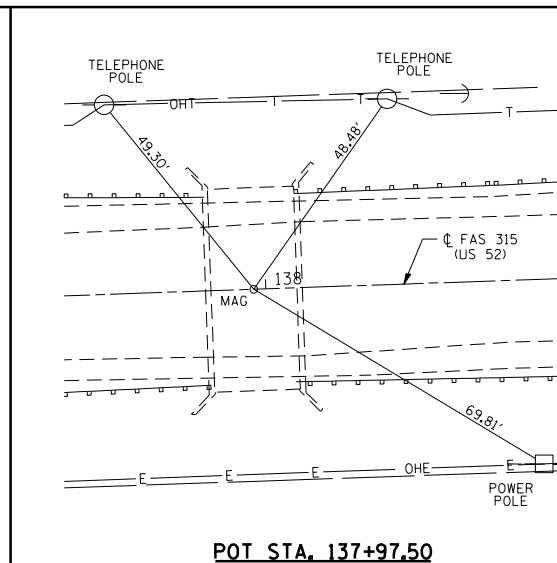
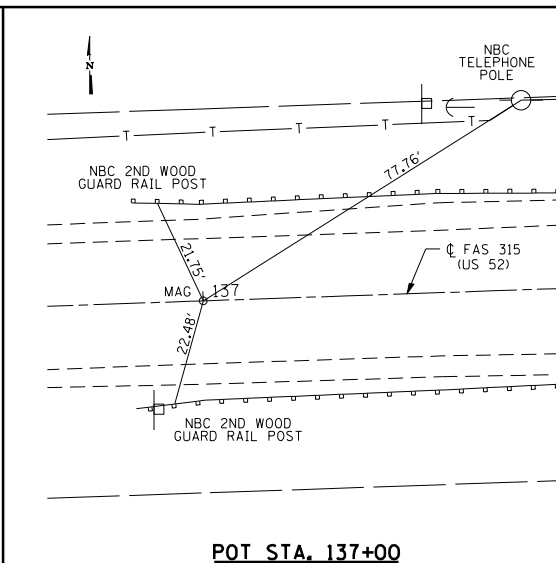
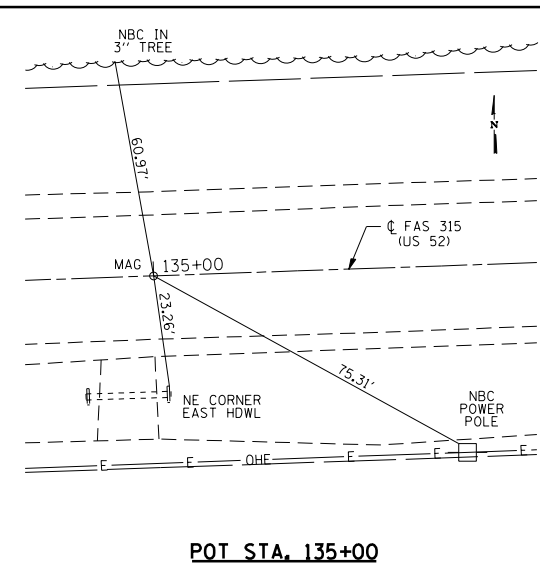


PLAN	SURVEYED	DATE
NOTE BOOK NO.	PLOTTED	BY
	CHECKED	
	ALIGNED	
	FILE NAME	

PROFILE	SURVEYED	DATE
NOTE BOOK NO.	GRADES CHECKED	BY
	STRUCTURE NOTATIONS CHECKED	



FOLDER 52-15		CONTRACT NO. 66C36			
IL ROUTE 52 OVER MARTINTON DITCH, 2.6 MILES E. OF IL RTE. 1		IROQUOIS COUNTY			
INDEX NUMBER	DESCRIPTION	EXISTING MONUMENT TYPE	PROPOSED MONUMENT TYPE	MONUMENT RECORD TO BE RECORDED	RESPONSIBILITY
	NORTH QTR CORNER OF SECTION 26, T28N, R12W, OF THE 2ND P.M.	1/2" ROD	TYPE 1	YES	1
<p>LISTED MONUMENT LOCATIONS HAVE BEEN RECORDED BY GPS. PRE-CONSTRUCTION TIES BY THE R.E. ARE NOT REQUIRED. IF AN UNLISTED MONUMENT IS FOUND, IT MUST BE TIED BY THE R.E. AND BROUGHT TO THE ATTENTION OF THE PLATS AND PLANS MANAGER. AFTER RESURFACING, THE R.E. IS TO CONTACT THE PLATS AND PLANS MANAGER TO ESTABLISH LOCATIONS FOR PERMANENT SURVEY MARKER CORING.</p> <p>RESPONSIBILITY:</p> <ol style="list-style-type: none"> 1. RESIDENT TO RE-ESTABLISH MONUMENT (PAY ITEM REQUIRED. PERMANENT SURVEY MARKER, TYPE 1) 2. PLATS AND PLANS TO RE-ESTABLISH MONUMENT 					



FILE NAME = G:\P101101B\W08 66C36 D3 CULVERT\00Sheet	USER NAME = rmemucod	DESIGNED - TC	REVISED -
Files\11.D366C36-sh1-atb.dgn		DRAWN - RM	REVISED -
PLOT SCALE = 100.0000' / 1in.		CHECKED - JA	REVISED -
PLOT DATE = 10/8/2014		DATE - 10/8/2014	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ALIGNMENT, TIES AND BENCHMARKS

SHEET - OF - SHEETS STA. ...+... TO STA. ...+...

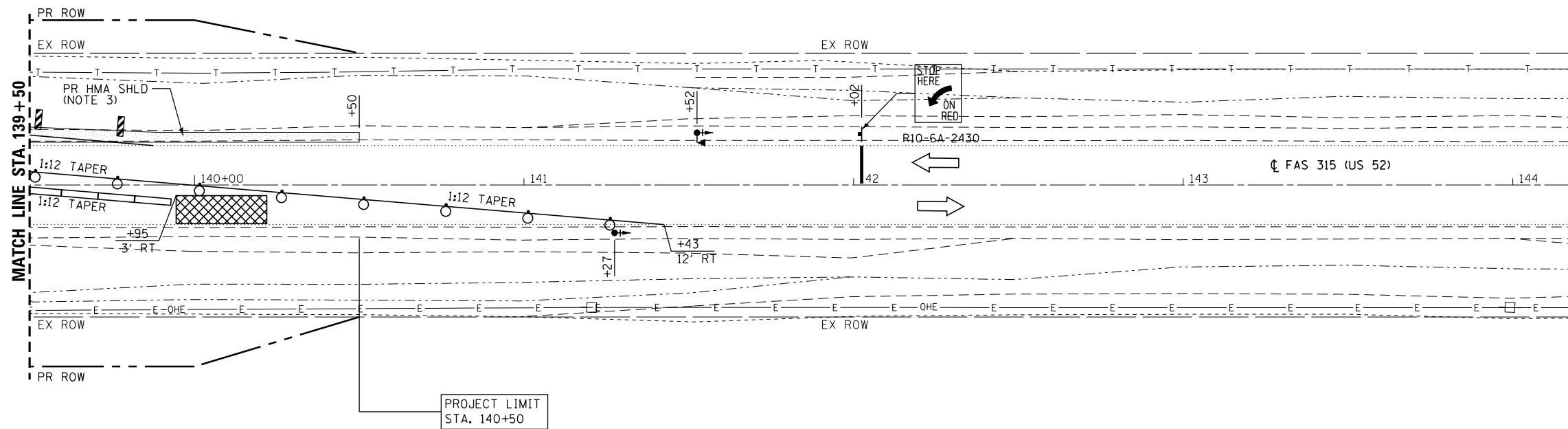
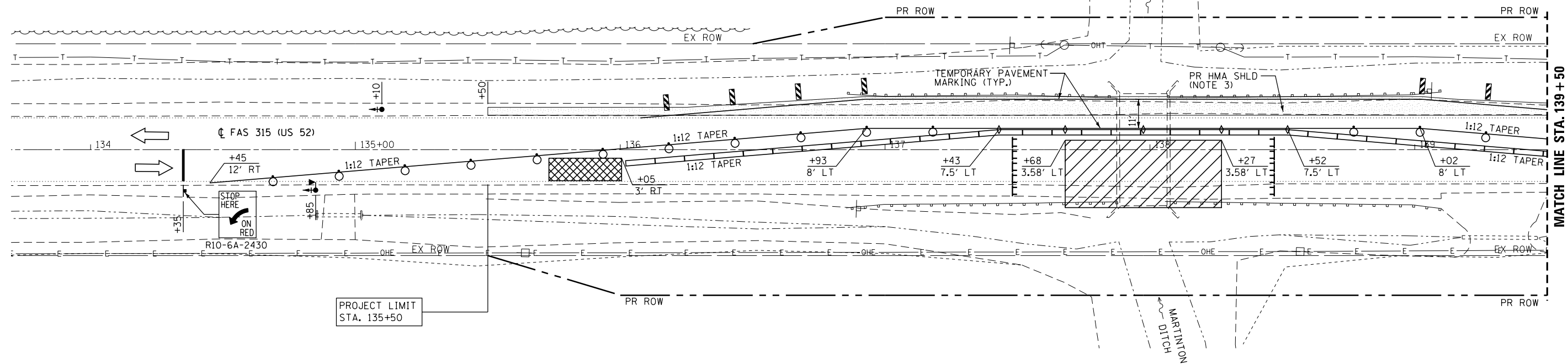
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	120BR-1	IROQUOIS	30	11
CONTRACT NO. 66C36				

ILLINOIS FED. AID PROJECT



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

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



LEGEND:

- HOT-MIX ASPHALT SHOULDERS, 8"
- DRUM WITH STEADY BURN LIGHT
- TRAFFIC SIGNALS WITH BACKPLATE
- MICROWAVE DETECTORS
- SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS
- CRYSTAL BIDIRECTIONAL BARRIER WALL
- GUARDRAIL MARKER
- DOUBLE VERTICAL PANEL (SEE DETAIL)
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
- WORK AREA

NOTES:

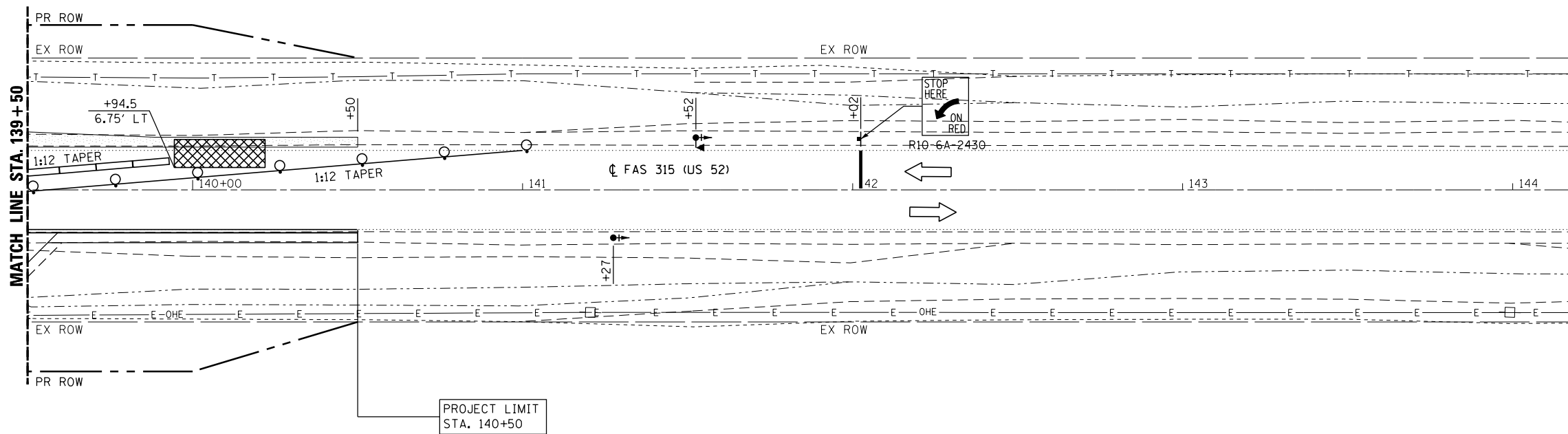
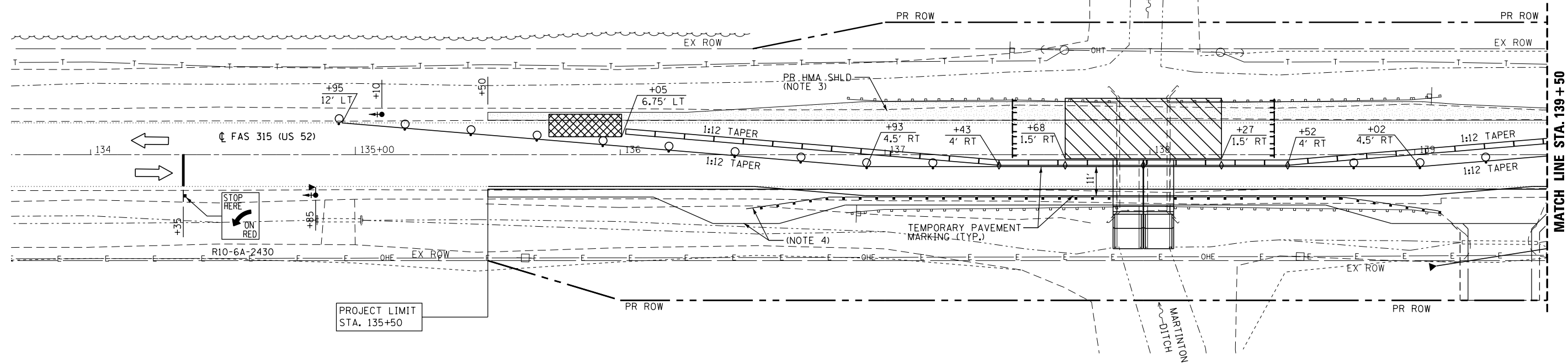
1. SEE STANDARD 701321 FOR DETAILS.
2. SEE STRUCTURAL SHEETS FOR STAGES OF CONSTRUCTION.
3. HOT-MIX ASPHALT SHOULDERS, 8" ON THE LEFT SIDE FOR STAGE 1 TRAFFIC CONTROL WILL BE CONSTRUCTED IN PRE-STAGE.
4. THE ENTRANCE AT STATION 139+32 SHALL BE TEMPORARY CLOSED DURING STAGE 1 TRAFFIC CONTROL IS IN PLACE.

FILE NAME = G:\P101101B\W08 66C36 D3 CULVERT\00Sheet	USER NAME = rmemucod	DESIGNED - TC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE I TRAFFIC CONTROL	F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	Files\13.D366C36-sh1-M01stgl.dgn	DRAWN - RM	REVISED -			315	120BR-1	IROQUOIS	30	13	
	PLOT SCALE = 40.0000' / in.	CHECKED - JA	REVISED -			CONTRACT NO. 66C36					
	PLOT DATE = 10/8/2014	DATE - 10/8/2014	REVISED -			ILLINOIS FED. AID PROJECT					



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

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



LEGEND:

- HOT-MIX ASPHALT SHOULDERS, 8"
- DRUM WITH STEADY BURN LIGHT
- TRAFFIC SIGNALS WITH BACKPLATE
- MICROWAVE DETECTORS
- SIGN
- TYPE III BARRICADE WITH FLASHING LIGHTS
- CRYSTAL BIDIRECTIONAL BARRIER WALL GUARDRAIL MARKER
- DOUBLE VERTICAL PANEL (SEE DETAIL)
- TEMPORARY CONCRETE BARRIER
- IMPACT ATTENUATOR, TEMPORARY (NON-REDIRECTIVE) TEST LEVEL 3
- WORK AREA

NOTES:

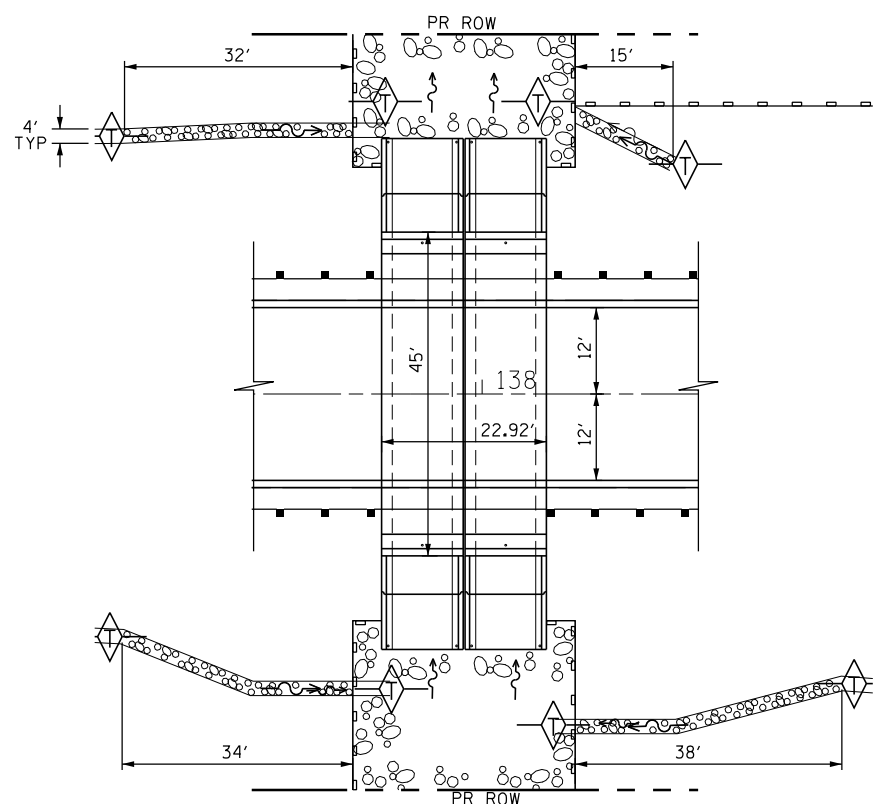
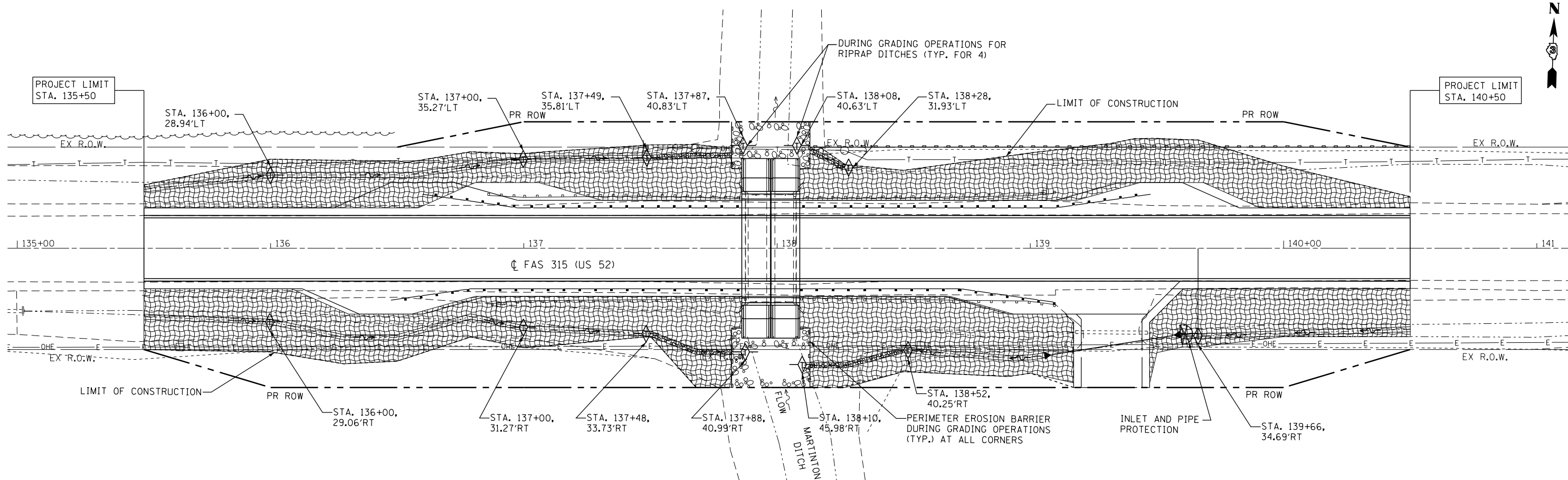
1. SEE STANDARD 701321 FOR DETAILS.
2. SEE STRUCTURAL SHEETS FOR STAGES OF CONSTRUCTION.
3. HOT-MIX ASPHALT SHOULDERS, 8" ON THE LEFT SIDE FOR STAGE I TRAFFIC CONTROL WILL BE CONSTRUCTED IN PRE-STAGE.
4. HMA SHOULDER AND GUARDRAIL CONSTRUCTED IN STAGE I.

FILE NAME = G:\P101101B W08 66C36 D3 CULVERT\00Sheet	USER NAME = rmemucod	DESIGNED - TC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	STAGE II TRAFFIC CONTROL	F.A.S. R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	Files\14_0366C36-sh1-M01stg2.dgn	DRAWN - RM	REVISED -			315	120BR-1	IROQUOIS	30	14	
	PLOT SCALE = 40.0000' / in.	CHECKED - JA	REVISED -			CONTRACT NO. 66C36					
	PLOT DATE = 10/8/2014	DATE - 10/8/2014	REVISED -			ILLINOIS FED. AID PROJECT					



DATE	
BY	
PLAN	
SURVEYED	
PLOTTED	
ALIGNED	
CHECKED	
FILE NAME	
NO.	

DATE	
BY	
PROFILE	
SURVEYED	
PLOTTED	
GRADES CHECKED	
STRUCTURE	
NOTATION	
CHKD	
NO.	



RIPRAP LAYOUT PLAN
N.T.S.

LEGEND:

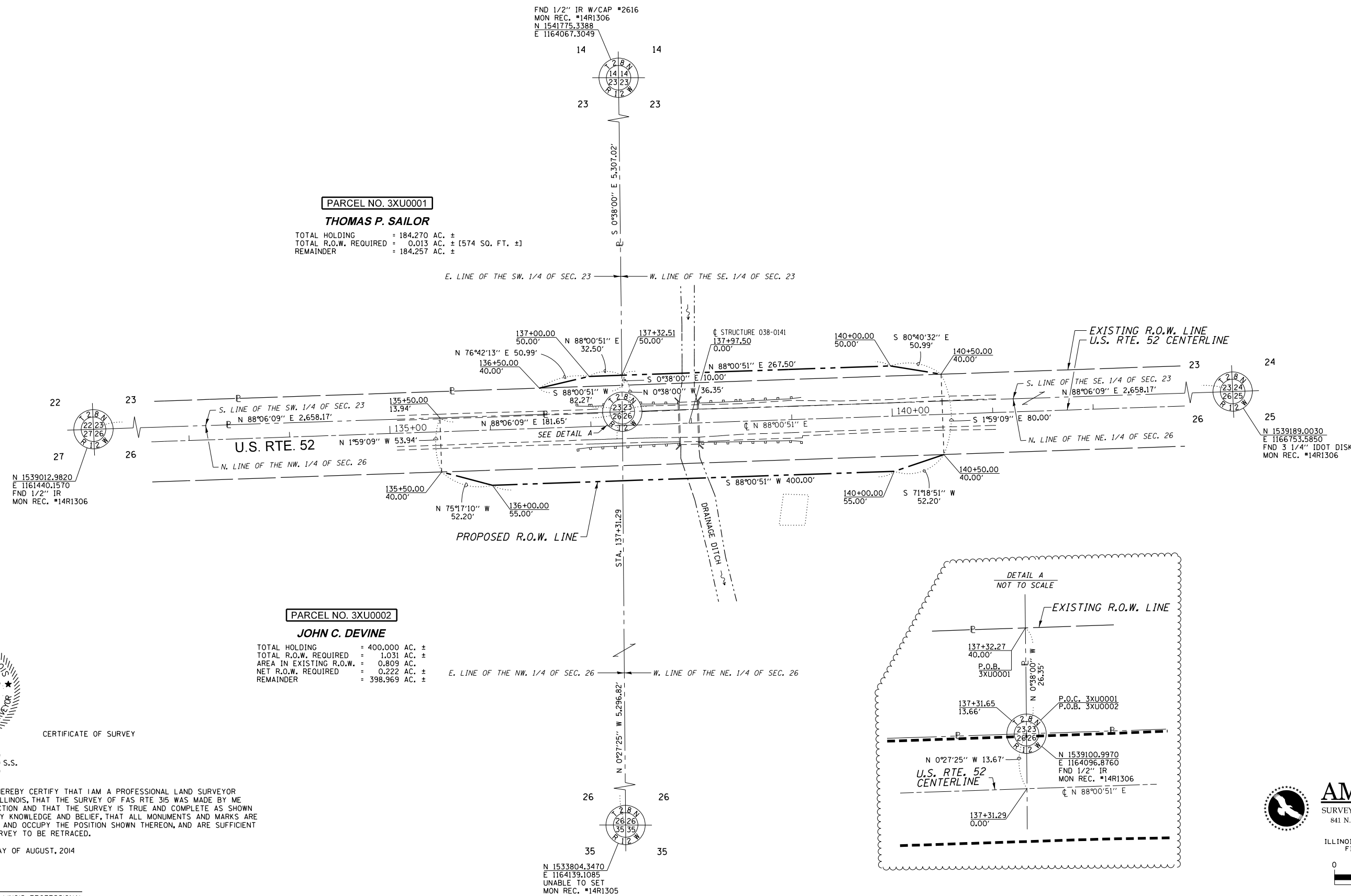
	PROPOSED DITCH
	END SECTION
	TEMPORARY DITCH CHECK
	STONE RIPRAP, CLASS A4
	EROSION CONTROL BLANKET AND PERMANENT SEEDING CLASS 3 (TEMPORARY EROSION CONTROL SEEDING AS NEEDED)
	INLET AND PIPE PROTECTION
	PERIMETER EROSION BARRIER



FILE NAME = G:\P101101B W08 66C36 D3 CULVERT\00Sheet	USER NAME = rmemucod	DESIGNED - TC	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	EROSION CONTROL PLAN	F.A.S. RTE. 315	SECTION 120BR-1	COUNTY IROQUOIS	TOTAL SHEETS 30	SHEET NO. 15		
	PLOT SCALE = 40.0000' / in.	CHECKED - JA	REVISED -			SHEET _ OF _ SHEETS STA. ...+... TO STA. ...+...		CONTRACT NO. 66C36				
	PLOT DATE = 10/8/2014	DATE - 10/8/2014	REVISED -			ILLINOIS FED. AID PROJECT						

SW. 1/4 OF SEC. 23, T. 28 N., R. 12 W. OF THE 2ND P.M.

SE. 1/4 OF SEC. 23, T. 28 N., R. 12 W. OF THE 2ND P.M.



PARCEL NO. 3XU0001

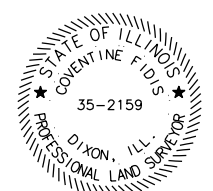
THOMAS P. SAILOR

TOTAL HOLDING = 184.270 AC. ±
 TOTAL R.O.W. REQUIRED = 0.013 AC. ± [574 SQ. FT. ±]
 REMAINDER = 184.257 AC. ±

PARCEL NO. 3XU0002

JOHN C. DEVINE

TOTAL HOLDING = 400.000 AC. ±
 TOTAL R.O.W. REQUIRED = 1.031 AC. ±
 AREA IN EXISTING R.O.W. = 0.809 AC. ±
 NET R.O.W. REQUIRED = 0.222 AC. ±
 REMAINDER = 398.969 AC. ±



CERTIFICATE OF SURVEY

STATE OF ILLINOIS)
) S.S.
 COUNTY OF LEE)

I, COVENTINE FIDIS, HEREBY CERTIFY THAT I AM A PROFESSIONAL LAND SURVEYOR OF THE STATE OF ILLINOIS, THAT THE SURVEY OF FAS RTE 315 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.

DATED THIS 12TH DAY OF AUGUST, 2014

COVENTINE FIDIS - ILLINOIS PROFESSIONAL LAND SURVEYOR NUMBER 35-2159 MY LICENSE EXPIRES 11/30/14

THIS PROFESSIONAL SERVICE CONFORMS TO THE CURRENT ILLINOIS MINIMUM STANDARDS FOR A BOUNDARY SURVEY.

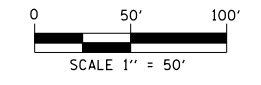
NW. 1/4 OF SEC. 26, T. 28 N., R. 12 W. OF THE 2ND P.M.

NE. 1/4 OF SEC. 26, T. 28 N., R. 12 W. OF THE 2ND P.M.



AMERICAN
 SURVEYING & ENGINEERING, P.C.
 841 N. Galena Ave. Dixon, IL 61021
 815-288-6231

ILLINOIS PROFESSIONAL DESIGN FIRM NO. 184-003192



NOTE: GRID DISTANCES AND BEARINGS SHOWN HEREON ARE REFERENCED TO THE ILLINOIS STATE PLANE COORDINATE SYSTEM, EAST ZONE (NAD 83)
 ALL AREAS BASED ON GROUND DISTANCES
 GRID TO GROUND FACTOR = 1.000012953

ASE JOB NO. 210007.4

FILE NAME	USER NAME	DESIGNED - GB	REVISED -
FILES		DRAWN - CH	REVISED -
	PLOT SCALE = 1" = 50'	CHECKED - PS	REVISED -
	PLOT DATE = 9/17/2014	DATE - 4/10/2014	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

RIGHT OF WAY PLANS

PROJECT	JOB NO. R-93-007-14
SCALE: 1" = 50'	SHEET 1 OF 1 SHEETS
STA. 135+00	TO STA. 141+00

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	120BR-1	IROQUOIS	30	17
U.S. RTE. 52		CONTRACT NO. 66C36		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BENCH MARK #0141:

Chiseled Square in south east corner of south east wingwall, sta. 138+07.83, Elev. 632.36

BENCH MARK #2:

Railroad spike in south side power pole, sta. 138+56.45, Rt. 38.4 ft, Elev. 630.413

EXISTING STRUCTURE:

The existing structure, SN 038-0141 was originally built in 1929 as F.A.S. Rte 315, section 120-B, SBI route 116, over Martinton Ditch number 3, located approximately 2.6 miles east of Illinois Route 1 in Martinton Township, Iroquois County. The existing structure is a single span bridge with closed concrete abutments and flared integral wing walls founded on spread footings and supported by untreated timber piles. The structure is located on a tangent road section with no super elevation or skew. The existing structure has 18'-6" long continuous reinforced concrete slab, and a total length of 20'-0" back to back of abutments. The existing structure width is 39'-2" face to face of steel railing and 42'-2" out to out of concrete and carries 12'-0" wide one lane in each direction. The existing structure will be removed and replaced with a Double Barrel 10'-0" wide X 8'-0" high Precast Reinforced Concrete Box Culvert.

STAGING:

Traffic shall be maintained at all times utilizing stage construction.

SALVAGE:

No Salvage

HIGHWAY CLASSIFICATION

F.A.S. Rte. 315 (US Rte.52)
Functional Class: Major collector (Non-Urban)
ADT: 1650 (2012), 1820 (2016)
ADTT: 2012: 4% (Single Units); 5% (Multiple Units)
Design Speed: 55 Mph
Posted Speed: 55 Mph

LOADING HL - 93

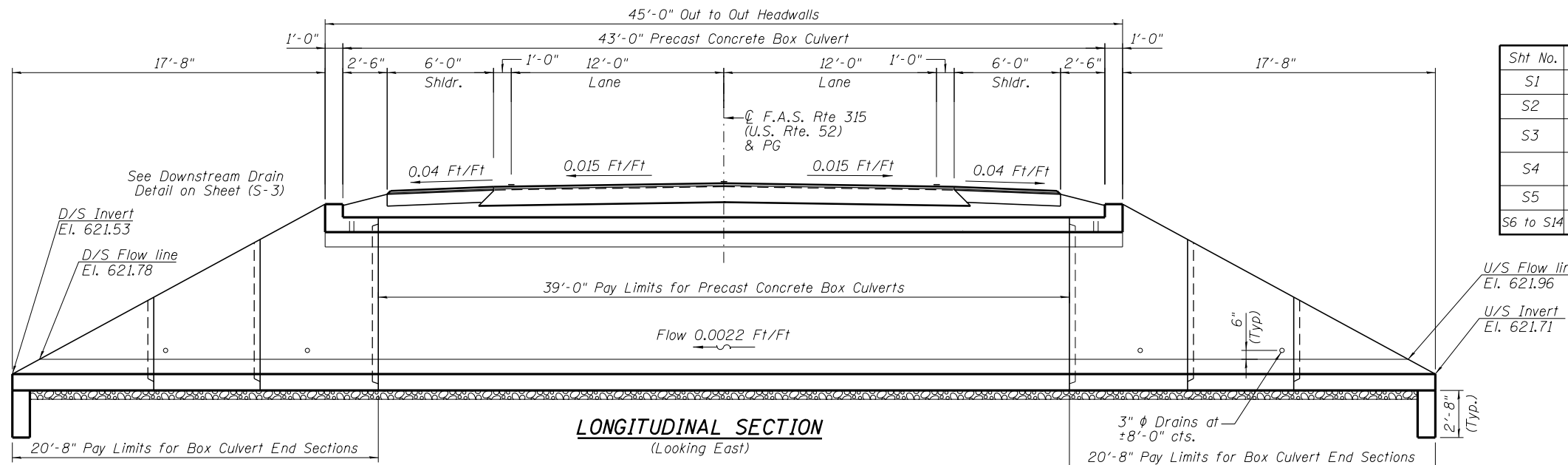
Allow 50 #/sq. ft. for future wearing surface.

DESIGN SPECIFICATIONS

2012 AASHTO Standard Specifications for Highway Bridges, 6th edition with 2013 interims
ASTM C 1577

DESIGN STRESSES

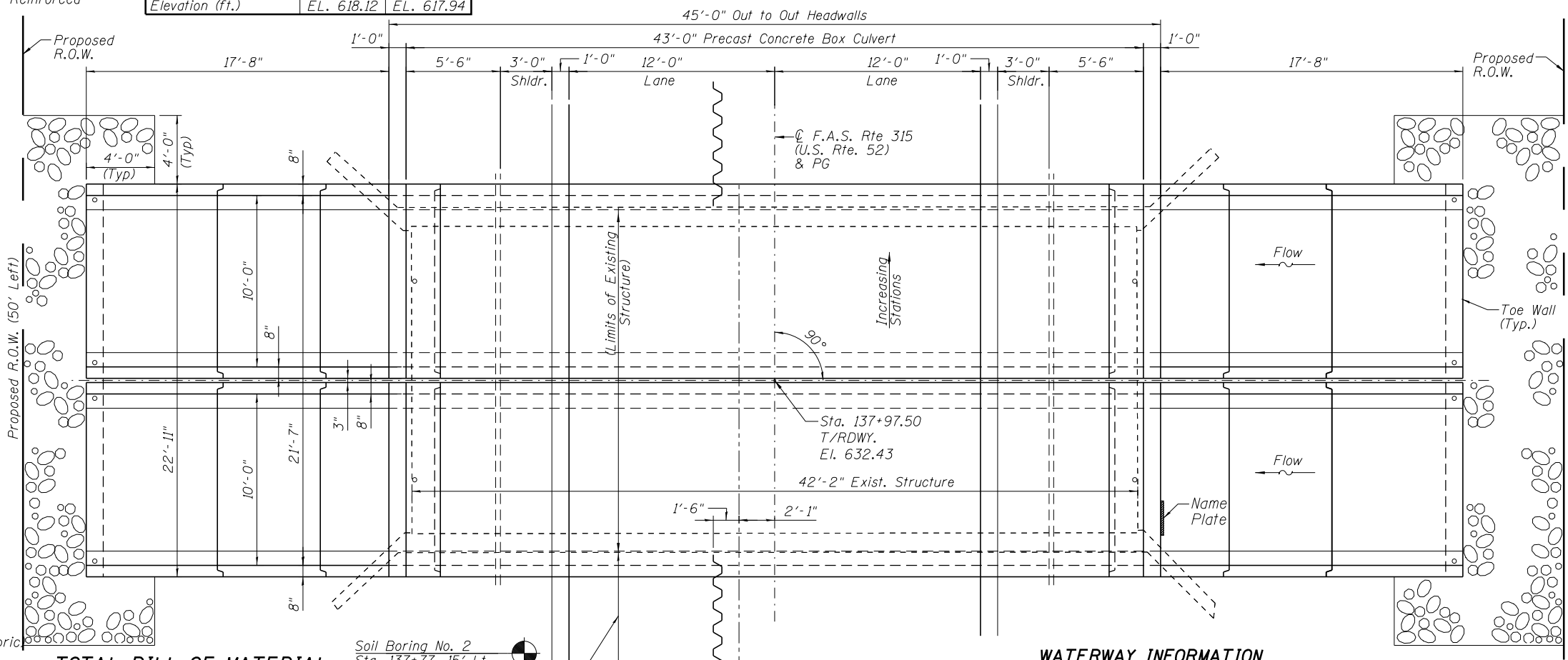
Precast units
f'c = 5,000 psi
fy = 65,000 psi (Welded Wire Fabric)
fy = 60,000 psi (Reinforcement)



DESIGN SCOUR ELEVATION TABLE

Design Scour Elevation (ft.)	U.S.	D.S.
	EL. 618.12	EL. 617.94

Soil Boring No. 1
Sta. 138+25, 16' Rt.



TOTAL BILL OF MATERIAL

ITEM	UNIT	TOTAL
Porous Granular Embankment	Cu. Yd.	421
Porous Granular Backfill	Cu. Yd.	44
Removal of Existing Structures	Each	1
Structure Excavation	Cu. Yd.	767
Name Plates	Each	1
Box Culvert End Sections, Culvert No. 1	Each	4
Precast Concrete Box Culverts 10'x8'	Foot	78
Temporary Soil Retention System	Sq. Ft.	469

WATERWAY INFORMATION

Drainage Area = 0.75 sq. mi.
Exist. Low Grade El.=631.70 @ Sta. 141+00 Prop. Low Grade El.=631.70 @ Sta. 141+00

Flood	Freq. Yr.	Opening Sq. Ft.		Nat. H.W.E.	Head - Ft.		Headwater El.		
		Exist.*	Prop.*		Exist.	Prop.	Exist.	Prop.	
10	133	72	112	627.3	0.0	0.0	627.3	627.3	
Hydraulic Design	50	218	95	138	628.6	0.1	0.0	628.6	628.6
Base	100	257	103	148	629.0	0.1	0.0	629.1	629.0
Scour Design	200	298	108	152	629.3	0.1	0.0	629.4	629.3
Max. Calc.	500	352	112	157	629.5	0.2	0.1	629.7	629.6
Overtopping	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

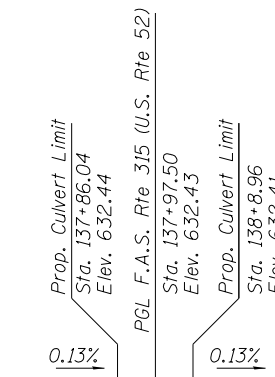
Exist. 10 Year Velocity: 1.8 (ft./sec.) Prop. 10 Year Velocity: 1.2 (ft./sec.)

PLAN

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

INDEX OF SHEETS

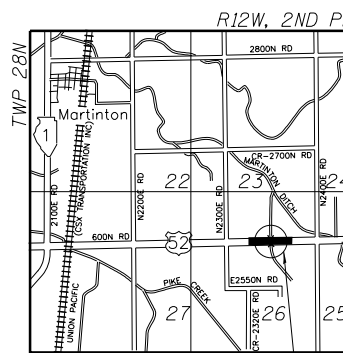
Sht No.	Description
S1	General Plan and Elevation
S2	Stage Construction
S3	Multiple Cell Precast Box Culvert End Section & Details (Sheet 1 of 2)
S4	Multiple Cell Precast Box Culvert End Section & Details (Sheet 2 of 2)
S5	Soil Boring Logs
S6 to S14	Existing Structural Plans



PROFILE GRADE
(Along C.F.A.S. Rte 315)
(U.S. Route 52)

STATION 137+97.50
BUILT 201 BY
STATE OF ILLINOIS
F.A.S. RTE 315 SEC. 120BR-1
LOADING HL-93
STR. NO. 038-2028

NAME PLATE
See Std. 515001



LOCATION SKETCH

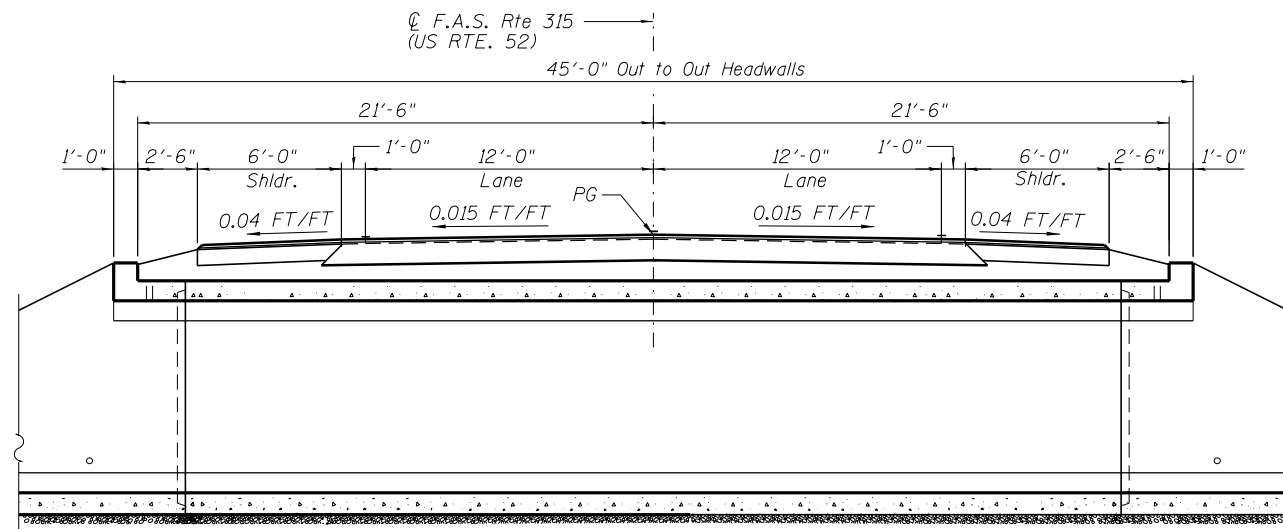
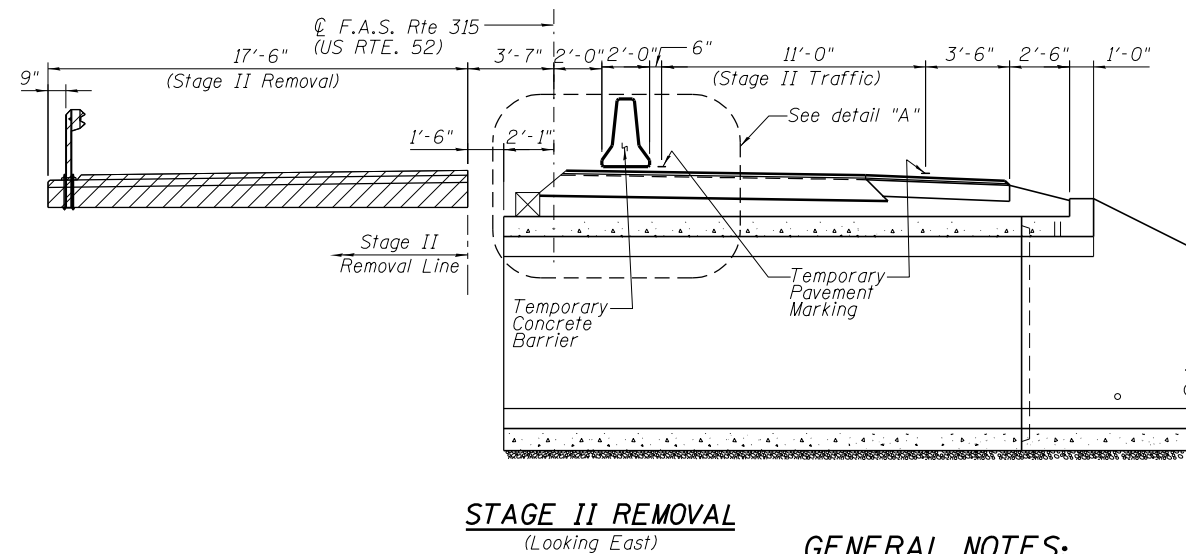
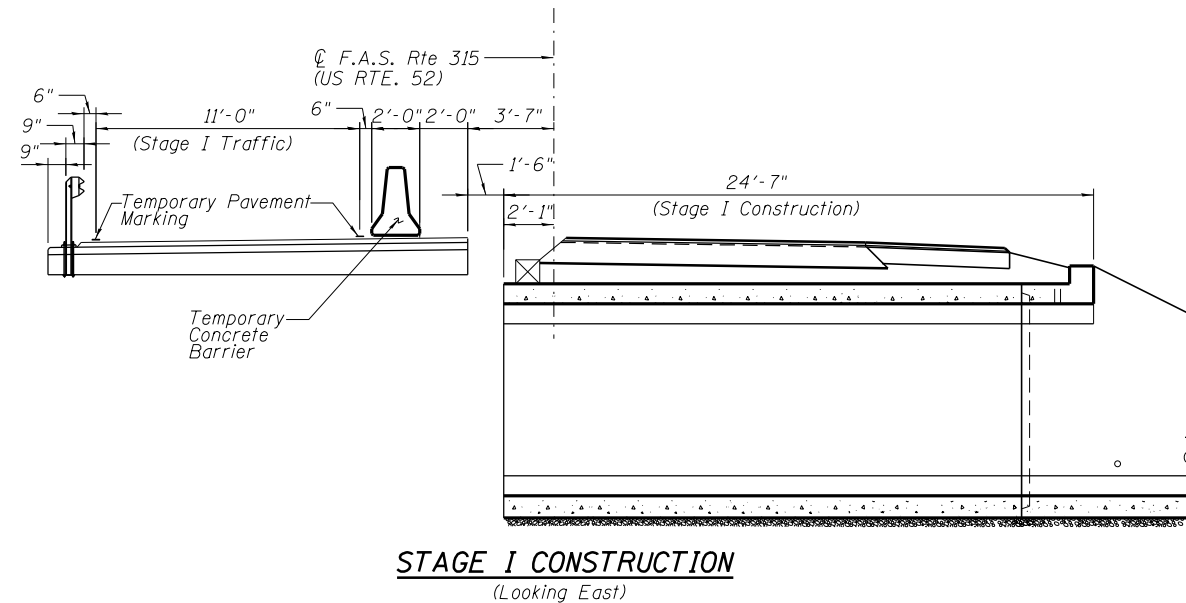
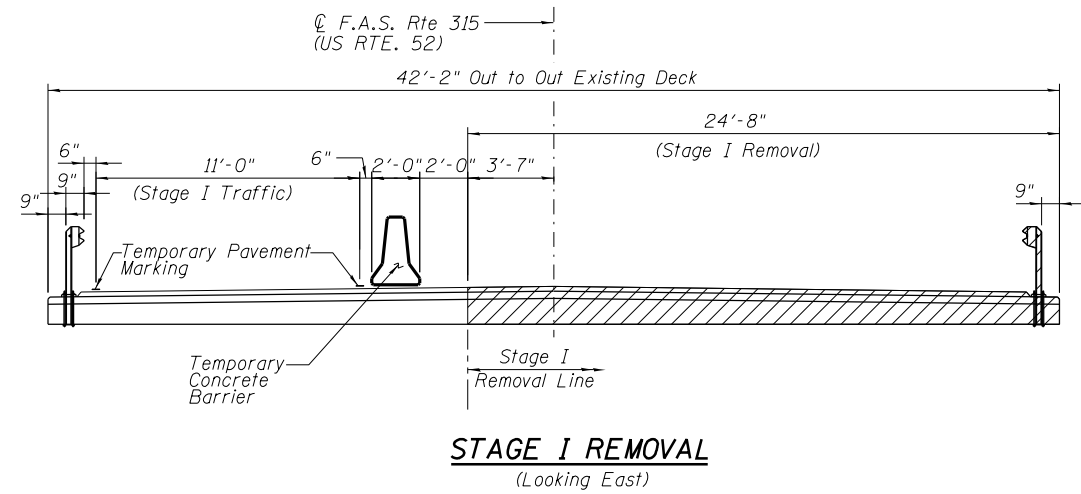
GENERAL PLAN AND ELEVATION
U.S. ROUTE 52 OVER MARTINTON DITCH NO.3
F.A.S. ROUTE 315 - SECTION 120BR-1
IROQUOIS COUNTY
STATION 137+97.50
SN 038-2028

DESIGNED	NS
CHECKED	SSK
DRAWN	RM
CHECKED	SSK

10-8-2014

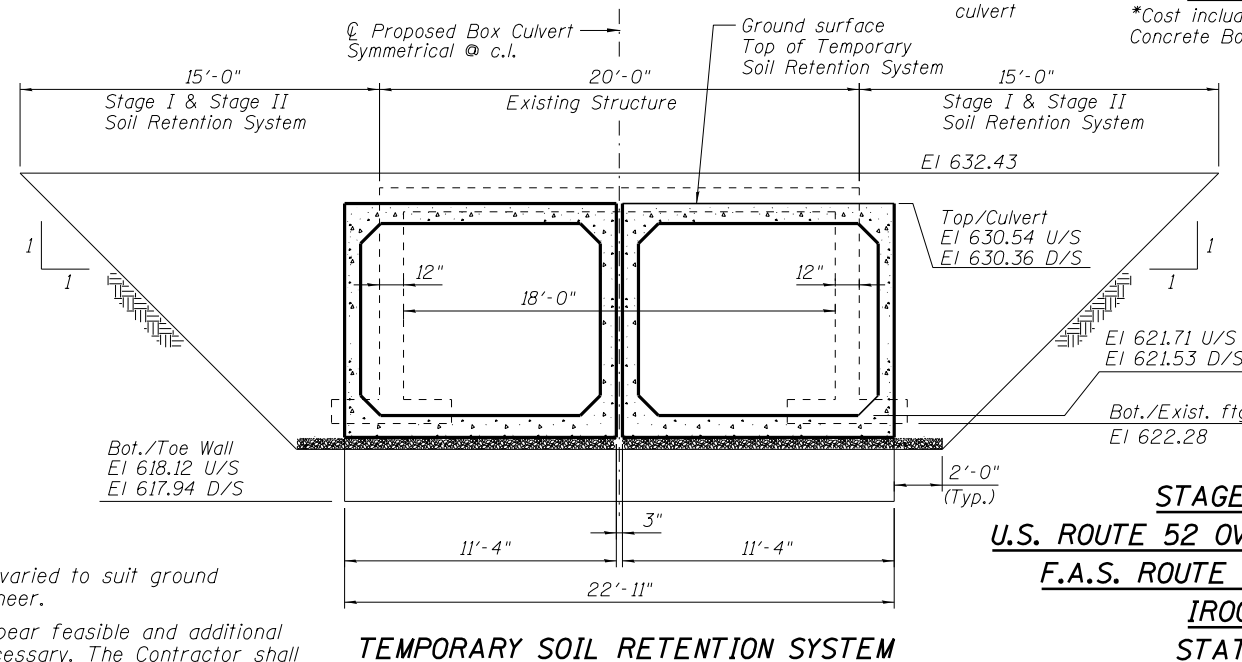
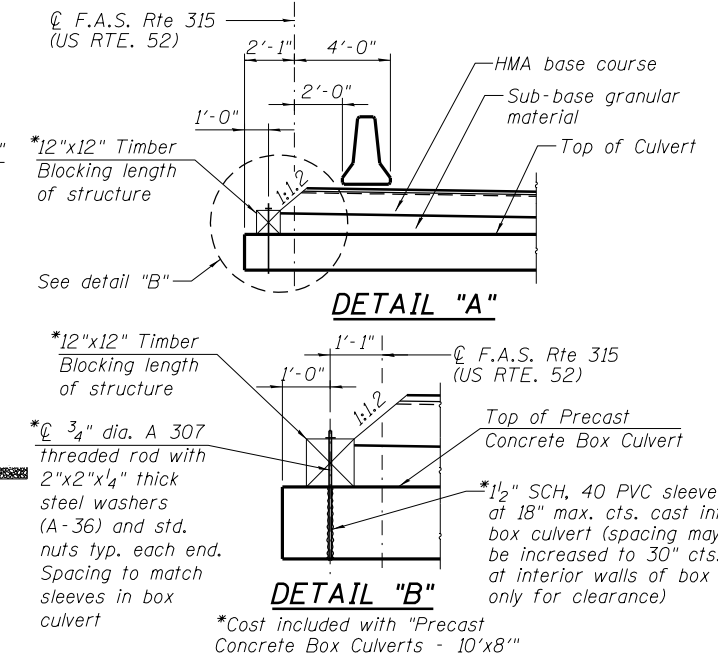
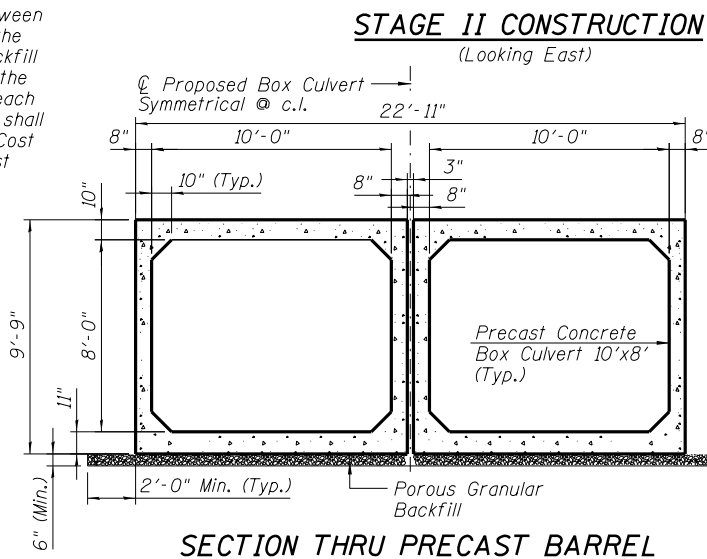
SHEET NO. S1 OF S8 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	120BR-1	IROQUOIS	30	18
CONTRACT NO. 66C36			ILLINOIS FED. AID PROJECT	



NOTES:

3" nominal space shall be left between adjacent precast sections. After the precast cells are in place and backfill has been placed to mid height of the precast concrete box section on each side, the space between the cells shall be filled with Class SI Concrete. Cost included with pay item for "Precast Concrete Box Culvert 10'x8'".



GENERAL NOTES:

- Layout of the slope protection system may be varied to suit ground conditions in the field as directed by the Engineer.
- A cantilevered sheet piling design does not appear feasible and additional members or other retention system may be necessary. The Contractor shall submit a temporary soil retention systems design including plan details and calculations for review and acceptance by the Engineer.

DESIGNED	NS
CHECKED	SSK
DRAWN	RM
CHECKED	SSK

10-8-2014

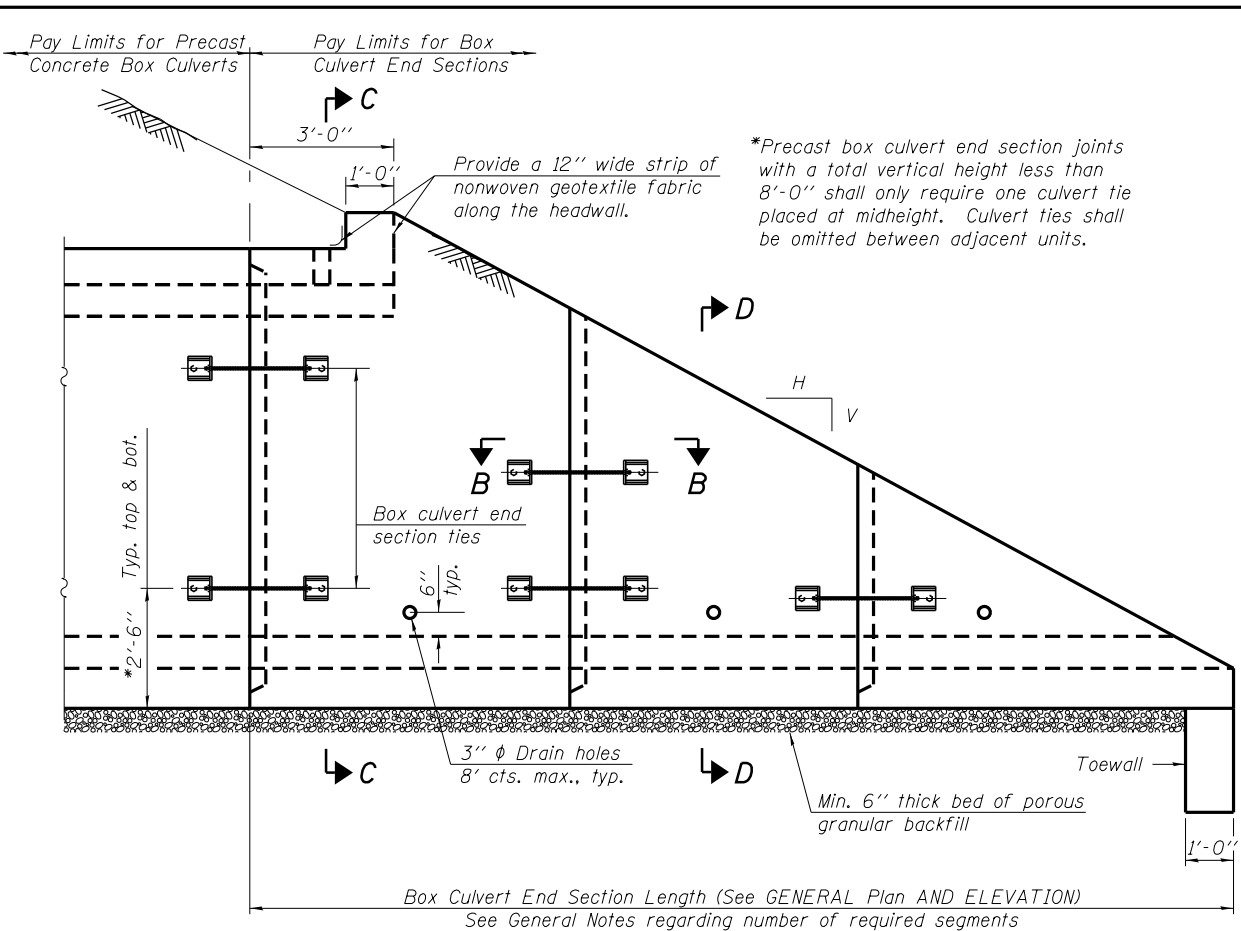
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET NO. S2 OF S8 SHEETS

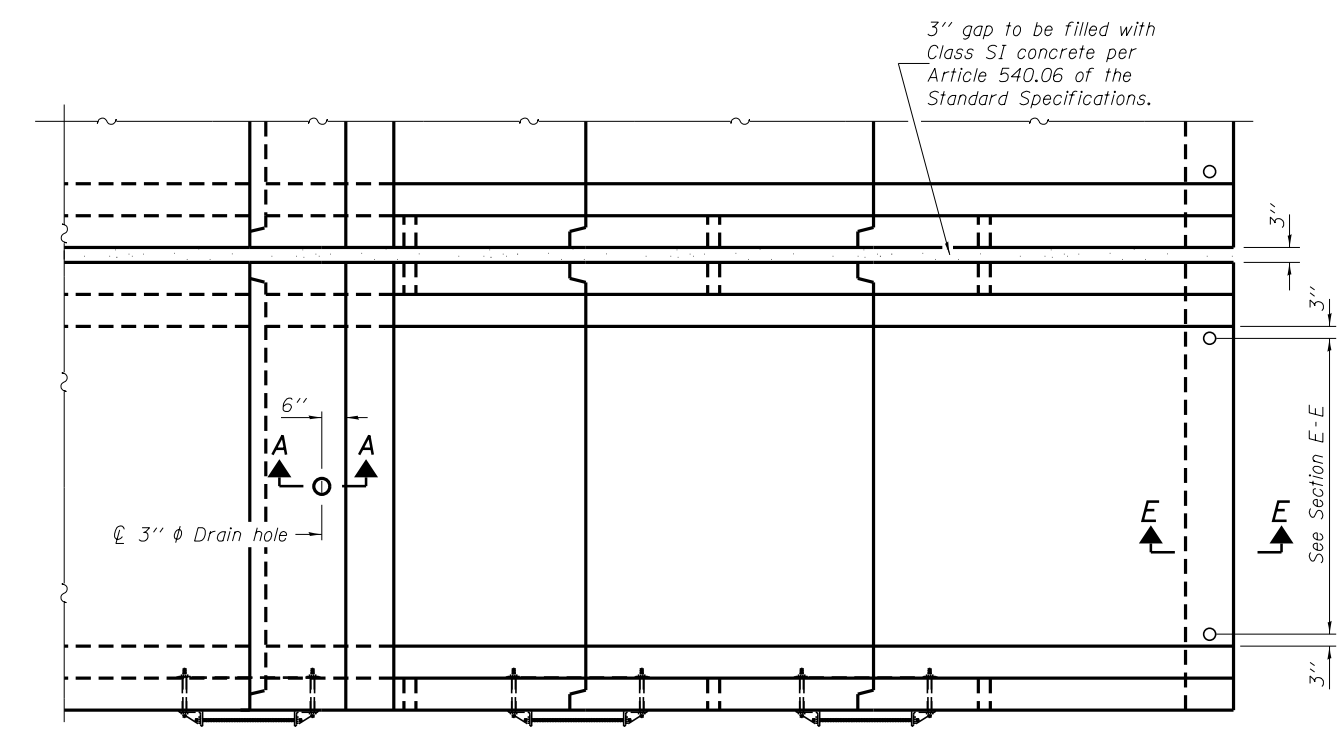
STAGE CONSTRUCTION
U.S. ROUTE 52 OVER MARTINTON DITCH NO.3
F.A.S. ROUTE 315 - SECTION 120BR-1
IROQUOIS COUNTY
STATION 137+97.50
SN 038-2028

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	120BR-1	IROQUOIS	30	19
CONTRACT NO. 66C36				

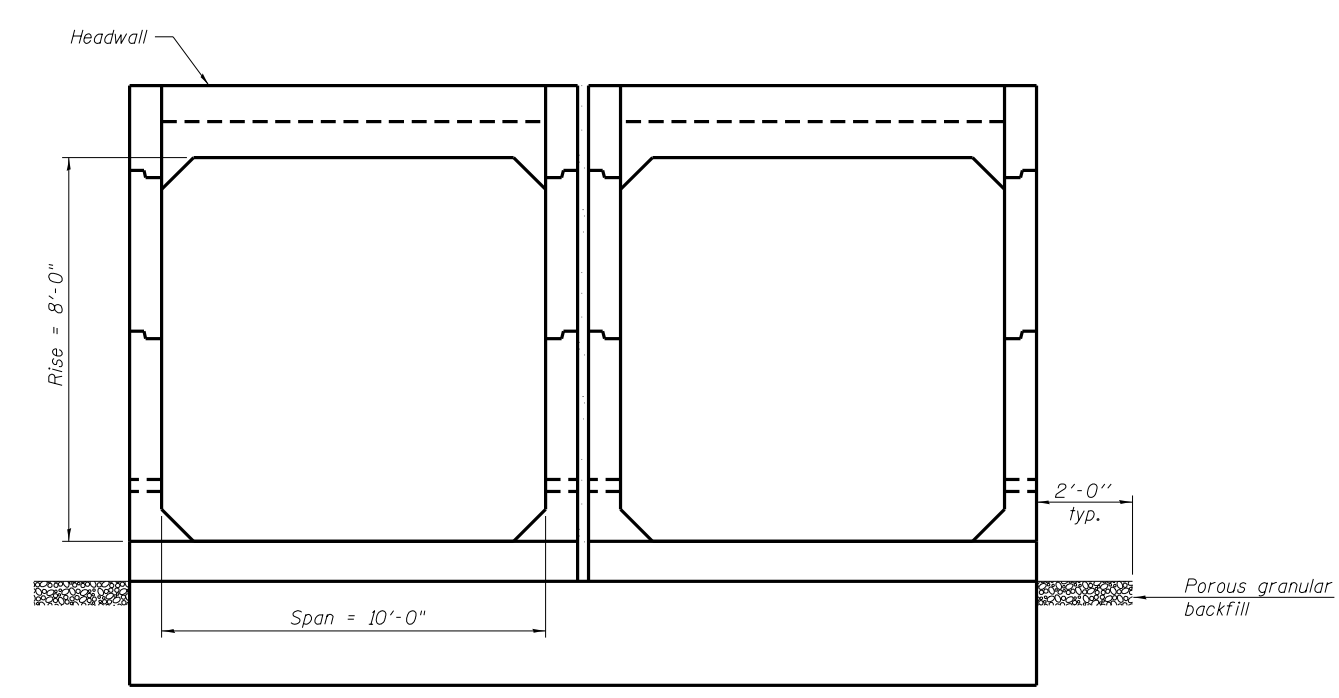
ILLINOIS FED. AID PROJECT



SIDE ELEVATION



PLAN VIEW



END VIEW

GENERAL NOTES

The box culvert end section shall be constructed according to the requirements of Section 540 of the Standard Specifications except as modified herein. The end section 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 the box culvert end section shall be according to the requirements of ASTM C 1577 as required for the design of the portion of the culvert within the limits of Precast Concrete Box Culverts except as modified herein.

Number of segments shown in Side Elevation is for example only. Length and number of precast box sections required to construct the box culvert end section shall be determined by the Contractor.

See roadway plans for embankment slope (V:H). 1" ϕ anchor rods for the culvert ties shall conform to the requirements of ASTM F 1554, 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. All anchor rods in a culvert tie assembly shall be snug tightened by a few impacts of an impact wrench or the full force of a worker using an ordinary spud wrench. Holes in the walls for

the culvert tie assembly may be drilled using core bits in lieu of using formed holes.

Alternate culvert ties similar in strength and stiffness to the plan details may be provided by the Contractor. Alternate culvert ties shall be subject to approval of the Engineer.

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

Reinforcement bars designated (E) shall be epoxy coated.

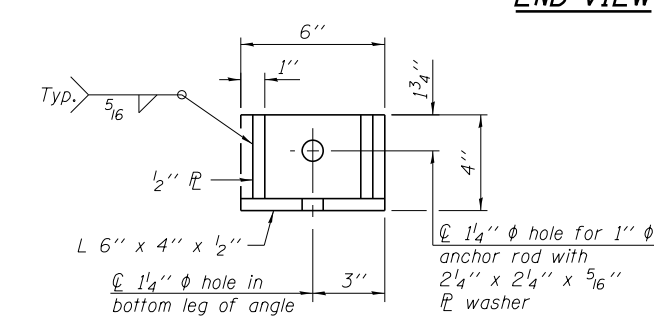
Reinforcement bars shall conform to the requirements of ASTM A 706 Gr. 60.

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

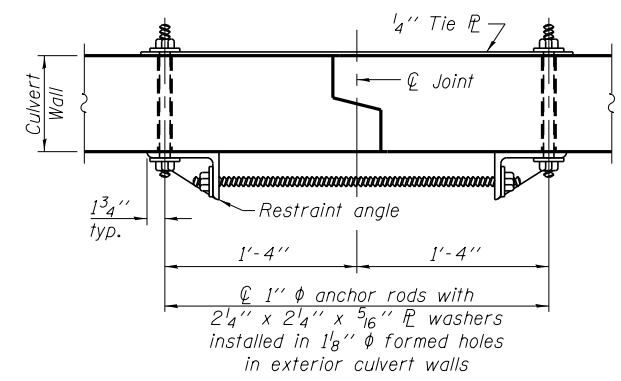
Nonwoven geotextile fabric shall conform to the requirements of Article 1080.01. The minimum weight of the fabric shall be 6 oz. / sq. yd.

For an end section with a traversable steel pipe system, see pipe detail sheet for required modifications.

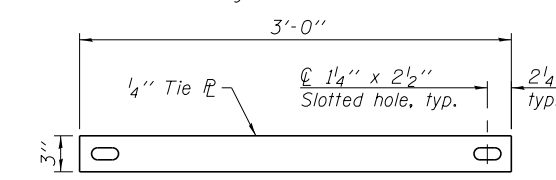
The Construction of End Sections shall start from downstream end.



RESTRAINT ANGLE DETAIL



SECTION B-B
(Showing culvert tie details)



TIE PLATE DETAIL

**MULTIPLE CELL PRECAST BOX CULVERT
END SECTION & DETAILS (SHEET 1 of 2)
U.S. ROUTE 52 OVER MARTINTON DITCH NO.3
F.A.S. ROUTE 315 - SECTION 120BR-1
IROQUOIS COUNTY
STATION 137+97.50
SN 038-2028**

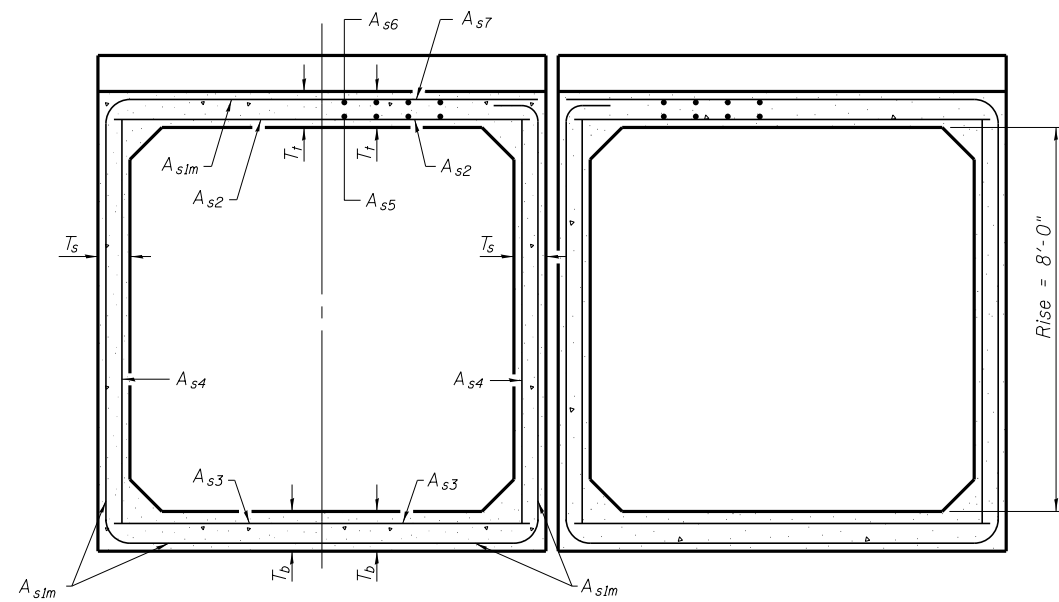
DESIGNED	NS
CHECKED	SSK
DRAWN	RM
CHECKED	SSK

10-8-2014

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHEET NO. 53 OF 58 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	120BR-1	IROQUOIS	30	20
ILLINOIS FED. AID PROJECT			CONTRACT NO. 66C36	



(Design Earth Cover < 2 ft.)

SECTION C-C

T(in.), T _s (in.)	Rise (ft.)										
	Reinforcing Steel A _{s1m} (in. ² /ft.)										
4	0.19	0.17									
5	0.26	0.21	0.18								
6		0.26	0.23	0.22							
7		0.33	0.59	0.27	0.28						
8			0.43	0.39	0.36	0.34	0.40				
9				0.43	0.40	0.37	0.36	0.48			
10				0.47	0.44	0.41	0.38	0.42	0.56		
11			0.54		0.46	0.41	0.41	0.50	0.65		
12			0.58		0.50	0.45		0.46	0.75		

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

Notes:

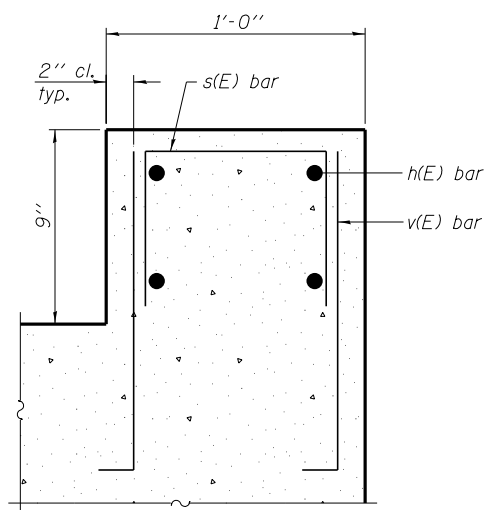
Alternate Section D-D is provided to allow the Contractor the option of casting the bottom slab of the end section first followed by construction of the sidewalls using conventional forming methods. Shop drawings that detail slab thickness and reinforcement layout shall be submitted to the Engineer for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

The size and spacing of the v₂(E) bars shall provide a minimum reinforcement area along each face of the walls (in.²/ft.) equal to 1.10*(A_{s1m}). v₂(E) bars may consist of #3 thru #6 size reinforcement bars and the longitudinal spacing shall not exceed the lesser of the wall thickness or 8 inches.

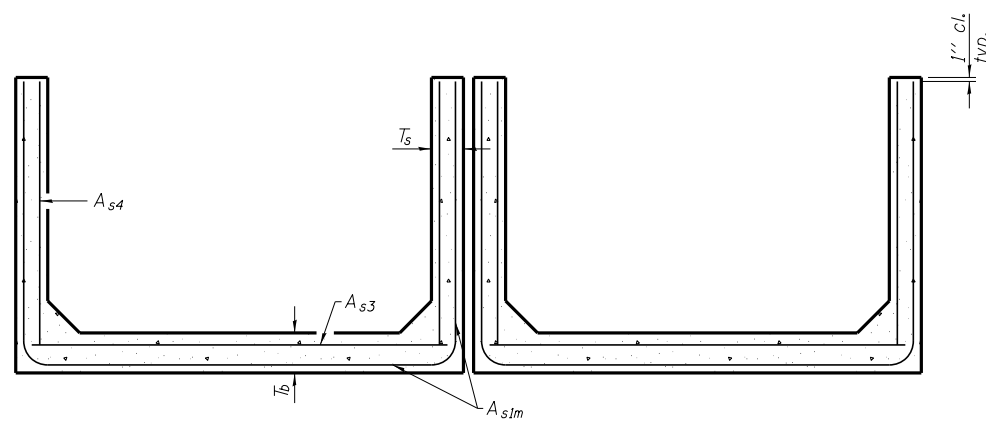
Bonded construction joints shall be prepared according to Article 503.09 of the Standard Specifications.

l₁ DIMENSION

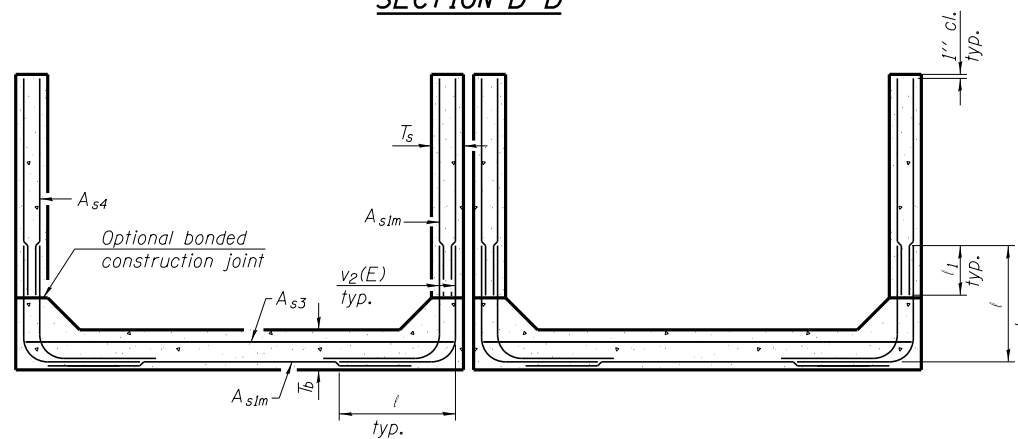
- #3 bar = 2'-0"
- #4 bar = 2'-8"
- #5 bar = 3'-4"
- #6 bar = 3'-11"



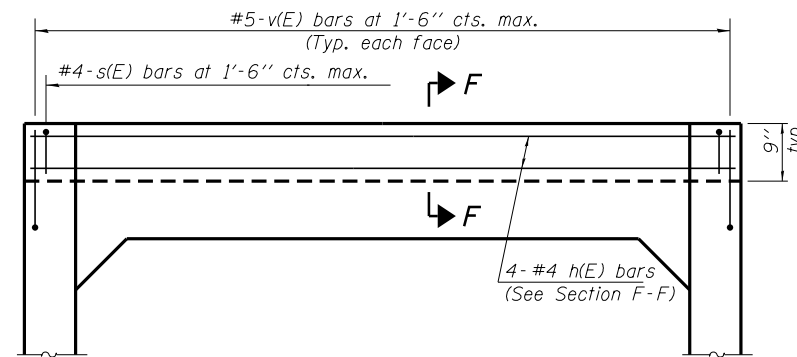
SECTION F-F



SECTION D-D

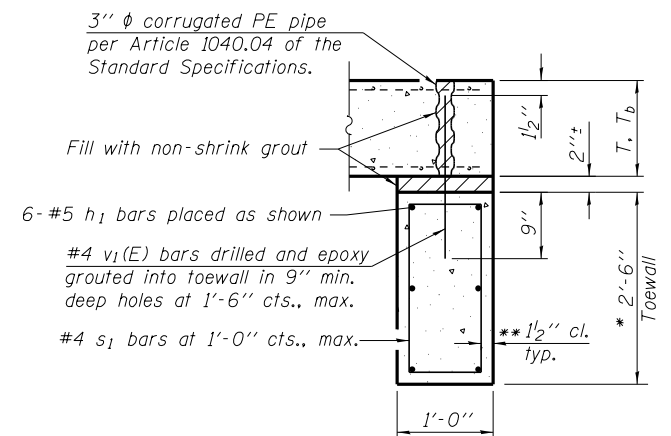
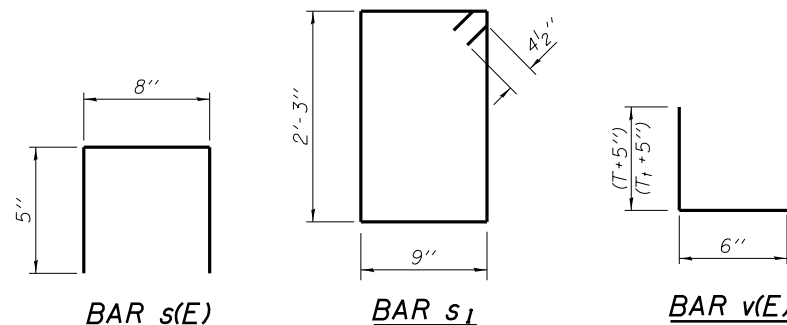


ALTERNATE SECTION D-D



HEADWALL ELEVATION

(Showing details for headwalls cast monolithic with box sections.)
(Allow sidewall reinforcement to extend into end of headwall.)



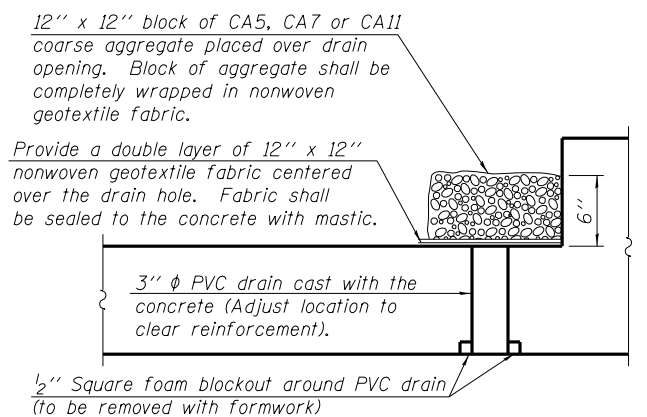
SECTION E-E

TOEWALL CONSTRUCTION SEQUENCE

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

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

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



SECTION A-A

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

**MULTIPLE CELL PRECAST BOX CULVERT
END SECTION & DETAILS (SHEET 2 of 2)
U.S. ROUTE 52 OVER MARTINTON DITCH NO.3**

F.A.S. ROUTE 315 - SECTION 120BR-1

**IROQUOIS COUNTY
STATION 137+97.50
SN 038-2028**

DESIGNED	NS
CHECKED	SSK
DRAWN	RM
CHECKED	SSK

10-8-2014

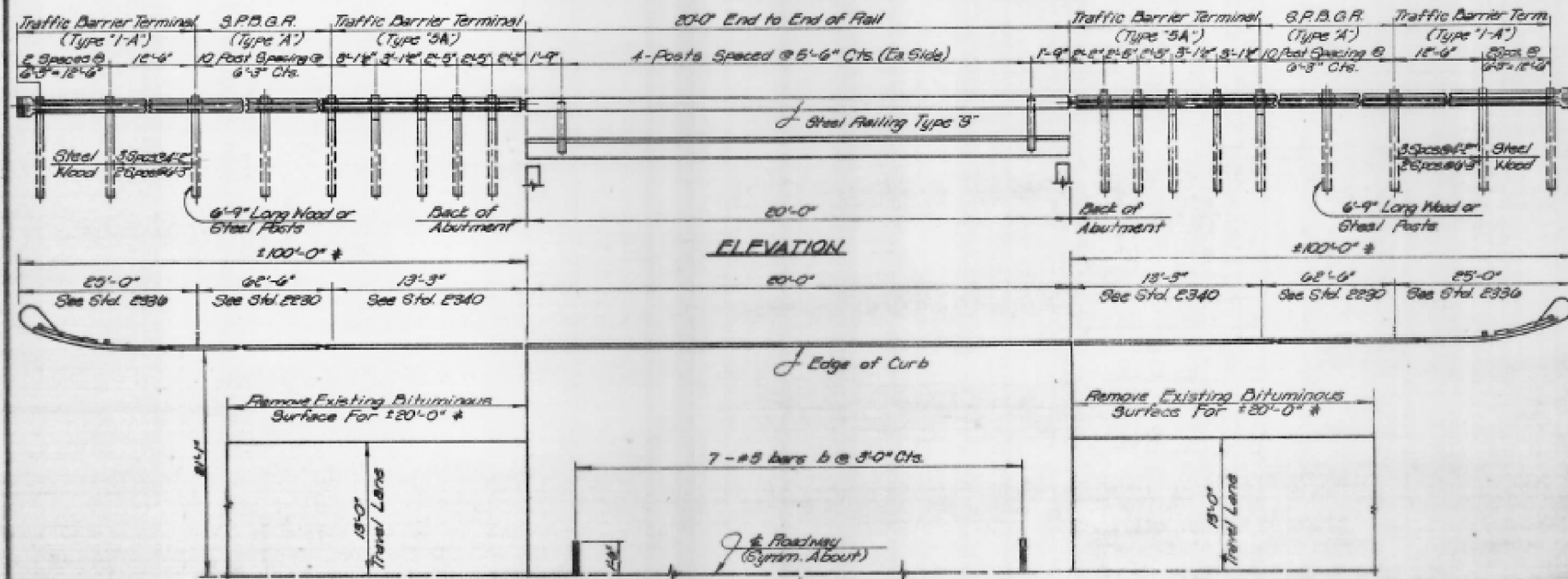
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHEET NO. 54 OF 58 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	120BR-1	IROQUOIS	30	21
CONTRACT NO. 66C36			ILLINOIS FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

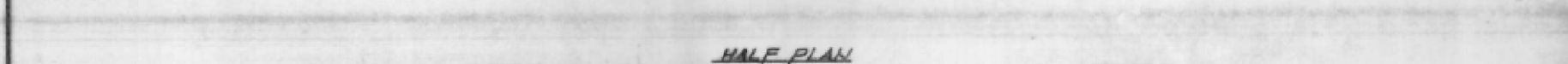
116	12001	Iroquois	24	19
-----	-------	----------	----	----



GENERAL NOTES

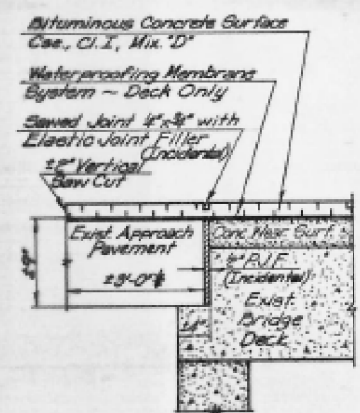
It shall be the responsibility of the Contractor to verify all dimensions existing in the field prior to construction and ordering of materials.

Partial Wingwall Removal may be required to accommodate lower portion of end posts of steel railing and will be considered incidental to Type "S" Steel Railing.



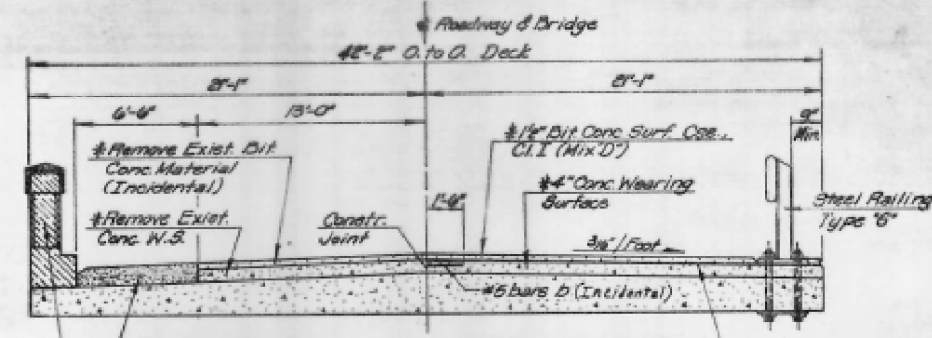
SUMMARY OF BRIDGE QUANTITIES

Code No.	Item	Unit	Quantity
210030	Waterproofing Membrane System	Sq. Yd.	94
406013	Bituminous Conc. Surf. Cas., Mix. D, Class I	Ton	3
501024	Concrete Removal	Cu. Yd.	2
501041	Bridge Handrail Removal	Lin. Ft.	40
506008	Type "S" Steel Railing	Lin. Ft.	40
617016	Bridge Wearing Surface Removal	Sq. Yd.	58
620028	Remove Existing Bituminous Surface For 120'-0" *	Sq. Yd.	16
710236	Bridge Deck Wearing Surface	Sq. Yd.	94
544001	Name Plate	Each	1



TREATMENT AT ABUTMENT

* Pavement Removal and Portland Cement Concrete Replacement - Type I, 9 inch to be determined by the Engineer in the field.

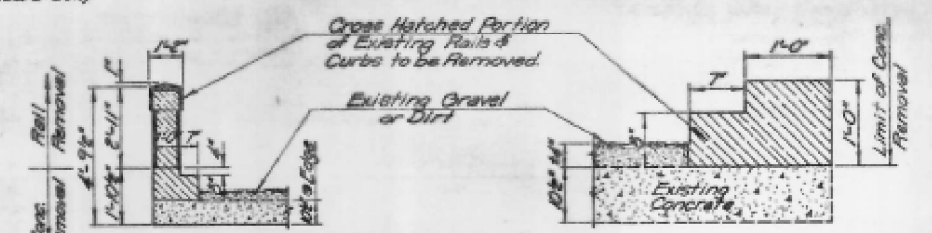


HALF SECTION - EXISTING HALF SECTION - PROPOSED

* Removal & Replacement Shall Be Full Length of Bridge.

Station 138+00
Built 1925 by
State of Illinois
S.B.I. Rt. 116 Sec. 120 BY
Loading H-15
Str. No. 038-0141

NAME PLATE
(See Standard 2311)



EXISTING CONCRETE CURB SECTION

BRIDGE REHABILITATION

S.B.I. Route 116
Section 120 BY
Station 138+00
Iroquois County
Bridge Inv. # 038-0141

See Sheet No. 1 for
Additional Details

DESIGNED	NS
CHECKED	SSK
DRAWN	RM
CHECKED	SSK

10-8-2014

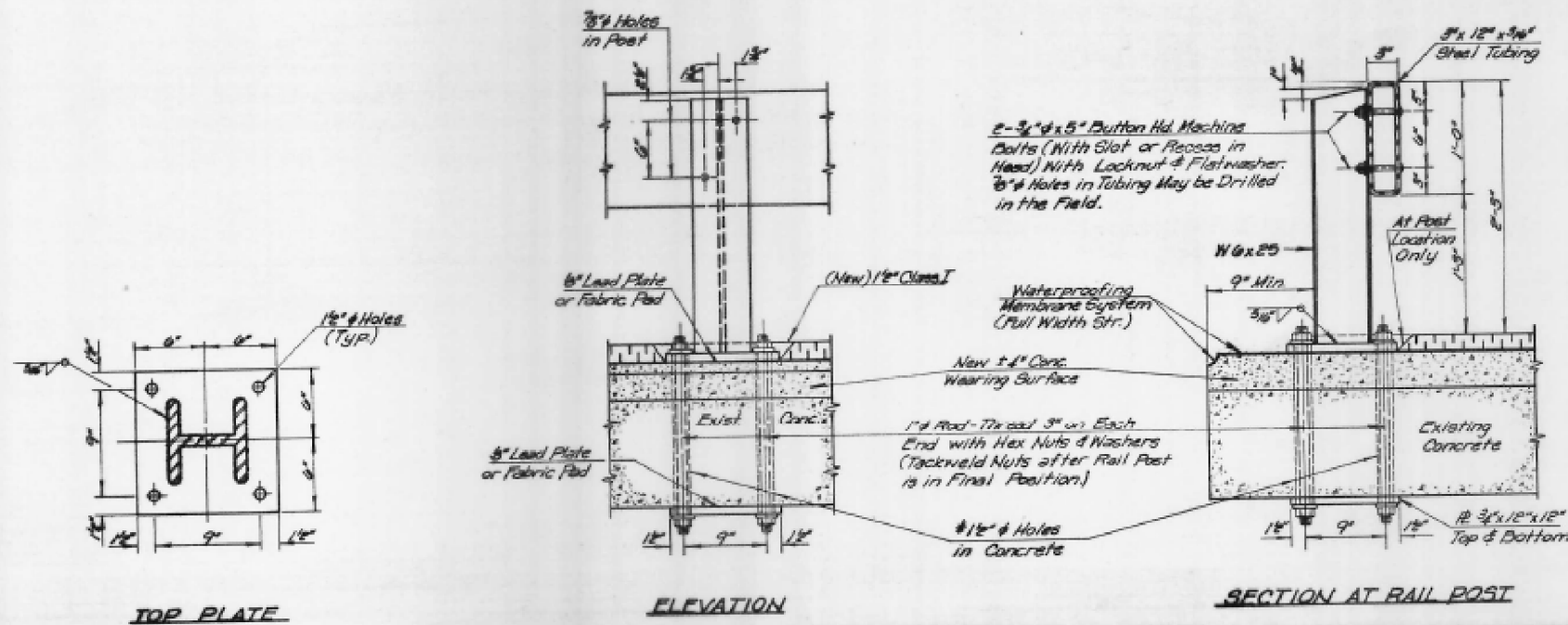
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING STRUCTURAL PLAN
(FOR INFORMATION ONLY)
SHEET NO. 56 OF 58 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	120BR-1	IROQUOIS	30	23
CONTRACT NO. 66C36			ILLINOIS FED. AID PROJECT	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

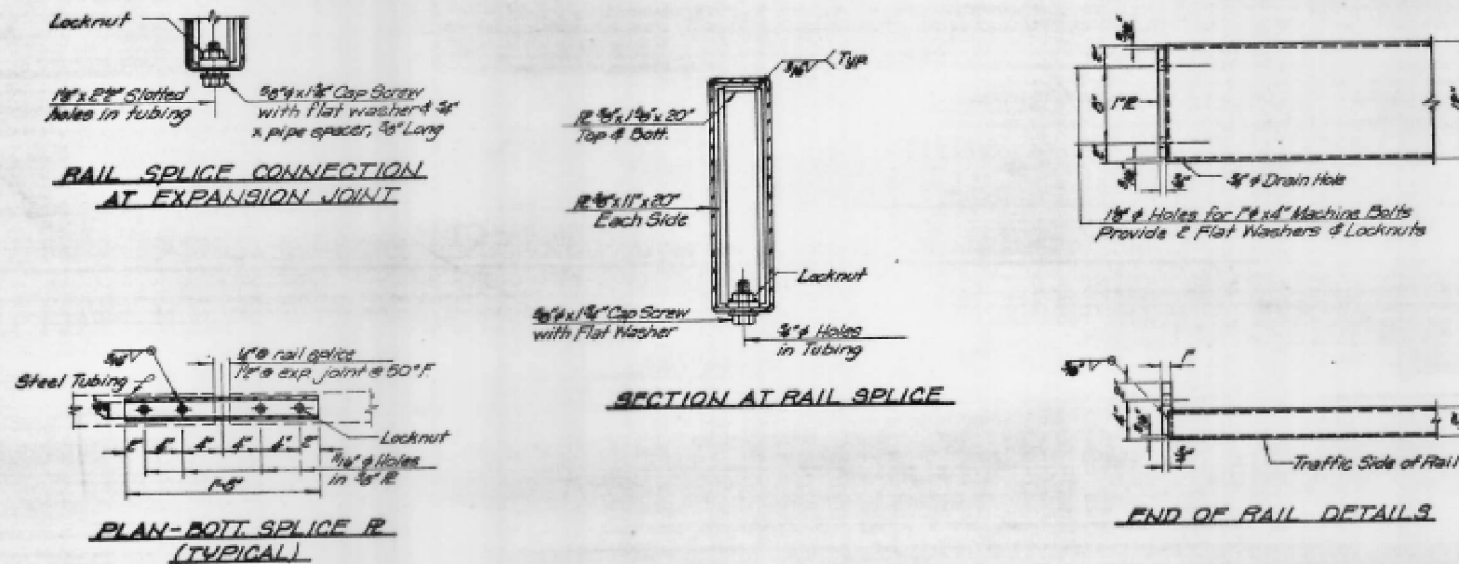
116	120BR	Iroquois	24	20
-----	-------	----------	----	----



GENERAL NOTES

Hollow structural steel tubing shall conform to the requirements of A.S.T.M. designation A-500 grade B or A-501 Structural Steel Tubing.
All other steel shapes & plates shall conform to the requirements of A.A.S.H.T.O. M-183 except posts & angles shall conform to A.A.S.H.T.O. M-223, Grade 50.
Bolts, cap screws and nuts shall conform to the requirement of A.S.T.M. designation A-307 except for high strength bolts, nuts and washers noted which shall conform to A.A.S.H.T.O. M-164.
All bolts, nuts, cap screws, washers and lock washers shall be galvanized in accordance with A.A.S.H.T.O. M-232.
All posts, railing, rail splices, anchor devices and angles shall be galvanized after shop fabrication in accordance with A.A.S.H.T.O. M-111 and A.S.T.M. A-365 Galvanized rail shall not be painted.
Railing shall be in accordance with Section 208 of the Standard Specifications, except as noted, and shall be paid for at the contract unit price per Linear Foot for Steel Railing, Type 'S'.
All field drilled holes shall be coated with an approved zinc rich paint before erection.

* Note: Grout 1/2" #4 holes to fill void when 1" #4 rods are placed. (Cost Incidental)



TYPE 'S' STEEL RAILING

SB1 Route 116
Section 120 B4
Station 138+00
Iroquois County

Bridge Inventory No. 038-0141

3-14-73 Revised General Notes. ENR

DESIGNED	NS
CHECKED	SSK
DRAWN	RM
CHECKED	SSK

10-8-2014

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

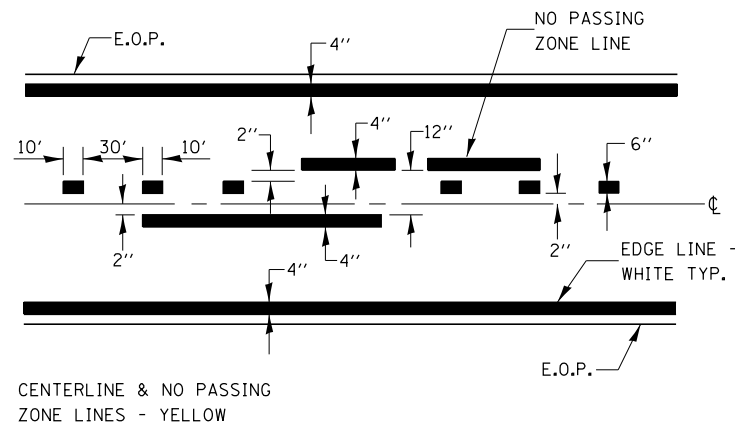
EXISTING STRUCTURAL PLAN
(FOR INFORMATION ONLY)

SHEET NO. 57 OF 58 SHEETS

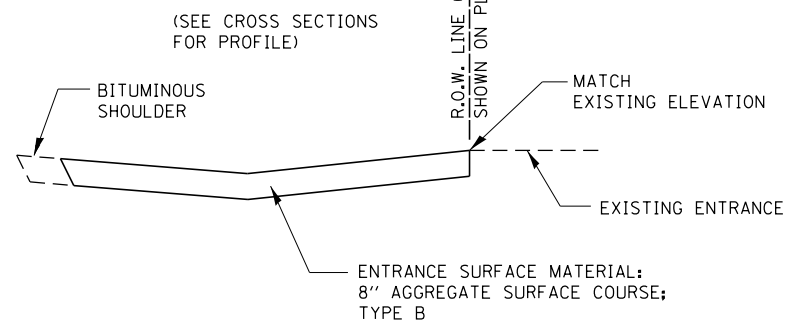
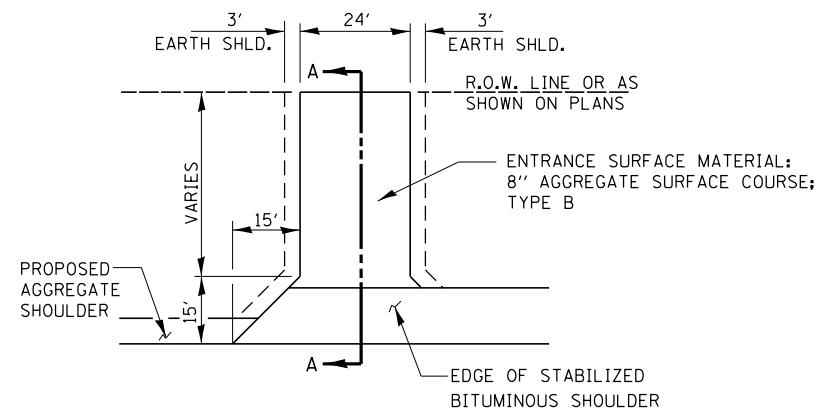
F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
315	120BR-1	IROUOIS	30	24
			CONTRACT NO. 66C36	
ILLINOIS FED. AID PROJECT				

PLAN	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE	
	NOT AT THIS OFFICE	

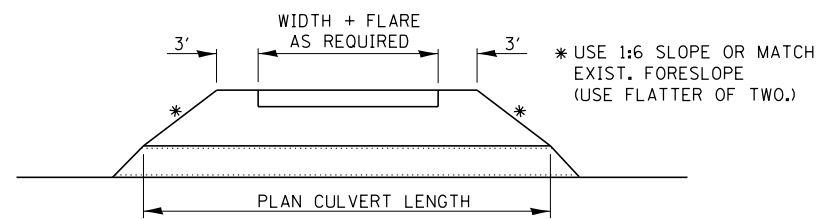
PROFILE	SURVEYED	DATE
NOTE BOOK	PLOTTED	BY
NO.	GRADES CHECKED	
	STRUCTURE	
	NOT AT THIS OFFICE	



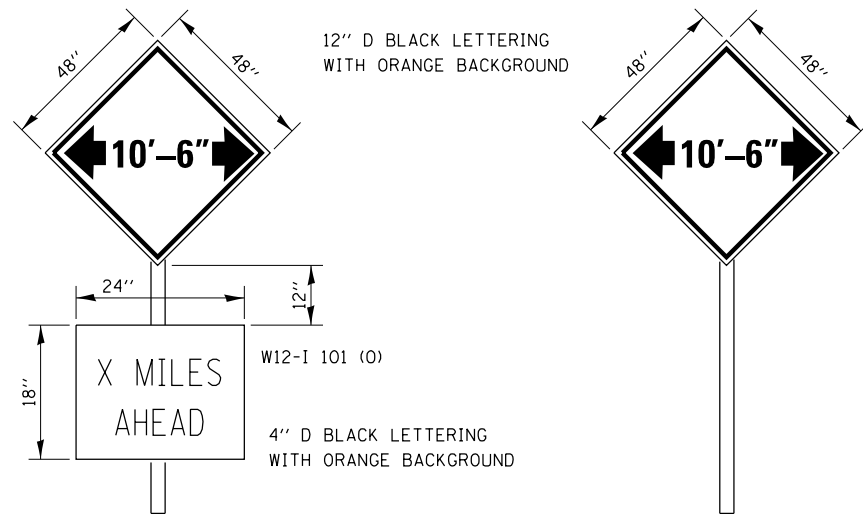
PAVEMENT MARKING



SECTION A-A



FIELD ENTRANCE DETAIL



WIDTH RESTRICTION SIGN PLACEMENT
AFTER ROAD CONSTRUCTION AHEAD SIGN (EAST BOUND)
AFTER ROAD CONSTRUCTION AHEAD SIGN (WEST BOUND)
EAST LEG OF THE US 1 & US-52 INTERSECTION
NORTH LEG OF THE US 52 & US-24 INTERSECTION

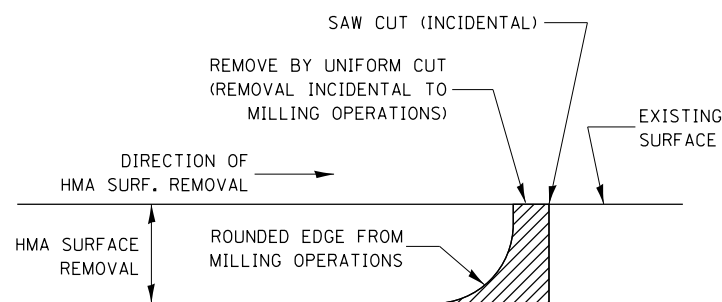
TO BE POST MOUNTED AS SHOWN IN TABLE.

THE ENGINEER WILL NOTIFY DISTRICT 3 BUREAU OF OPERATIONS 14 CALENDAR DAYS PRIOR TO INSTALLING ANY TRAFFIC CONTROL DEVICES THAT WILL RESTRICT THE PAVEMENT WIDTH.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH THE ENGINEER TO MEET THIS REQUIREMENT.

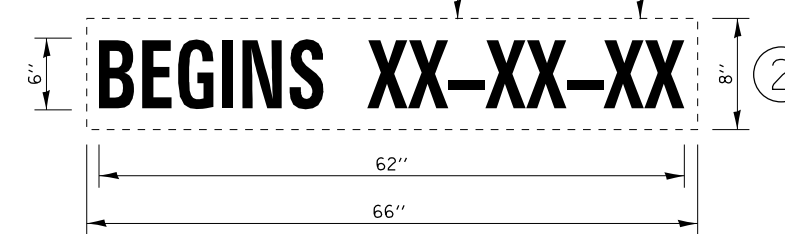
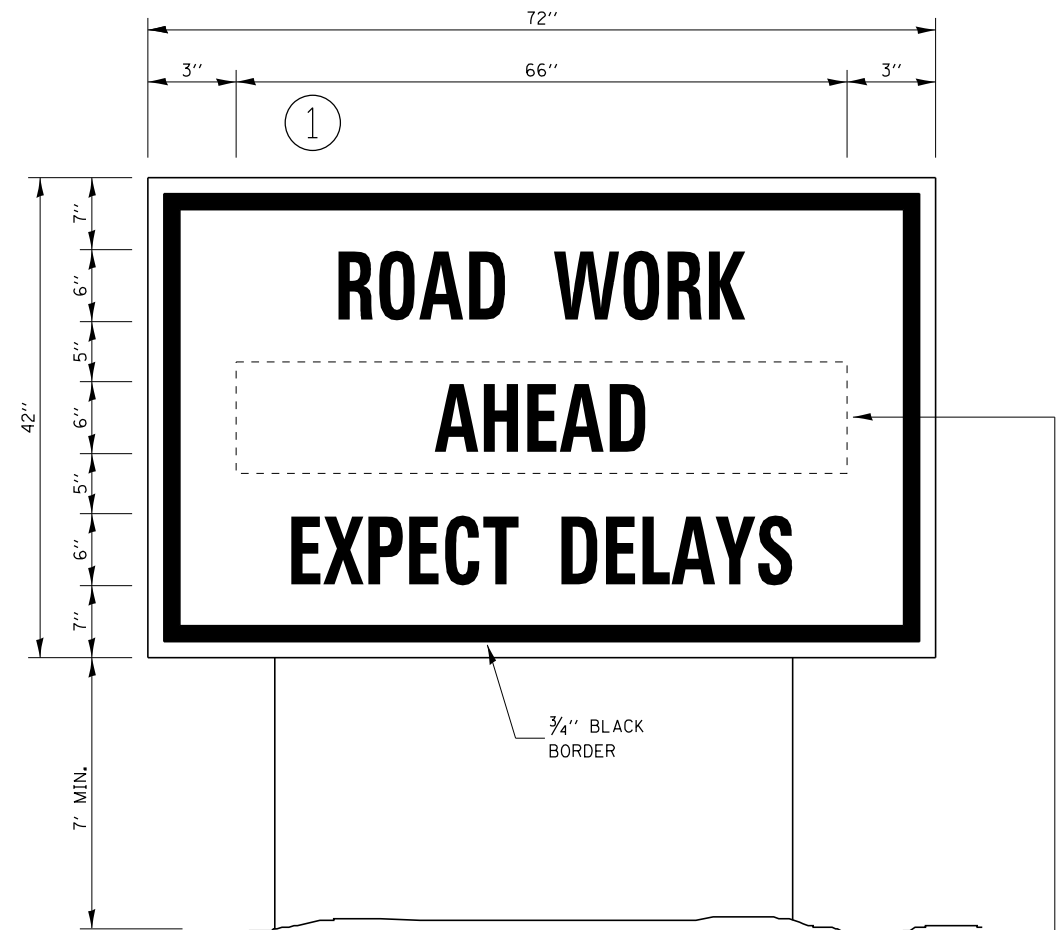
COST OF SUPPLYING, INSTALLING, MAINTAINING AND REMOVING WIDTH RESTRICTION SIGNS SHALL BE INCLUDED IN THE COST OF THE TRAFFIC CONTROL AND PROTECTION PAY ITEMS.

WIDTH RESTRICTION SIGNING DETAILS



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



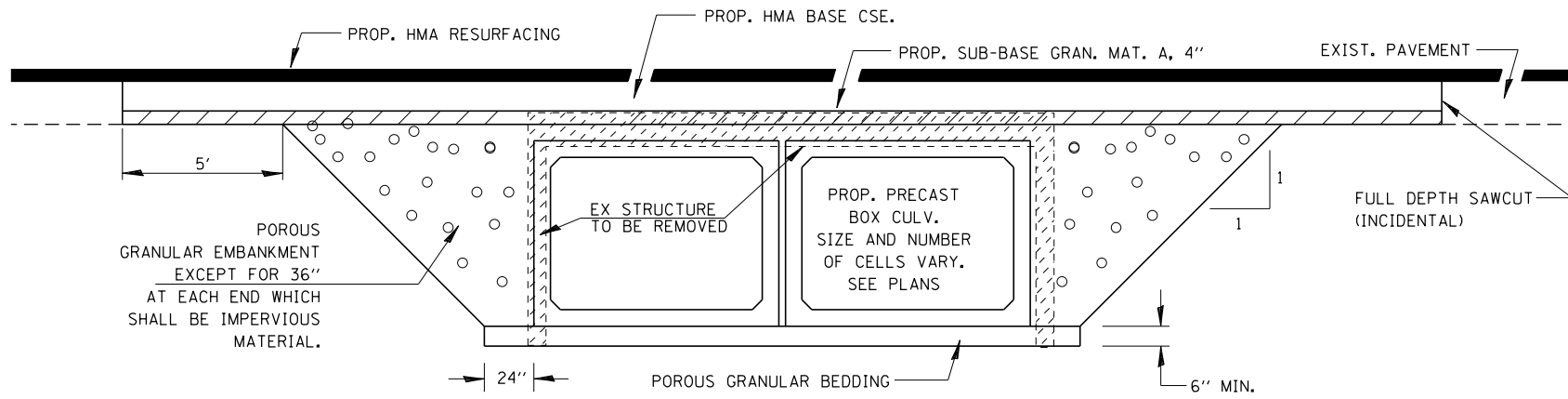
TEMPORARY INFORMATION SIGNING

NOTES:

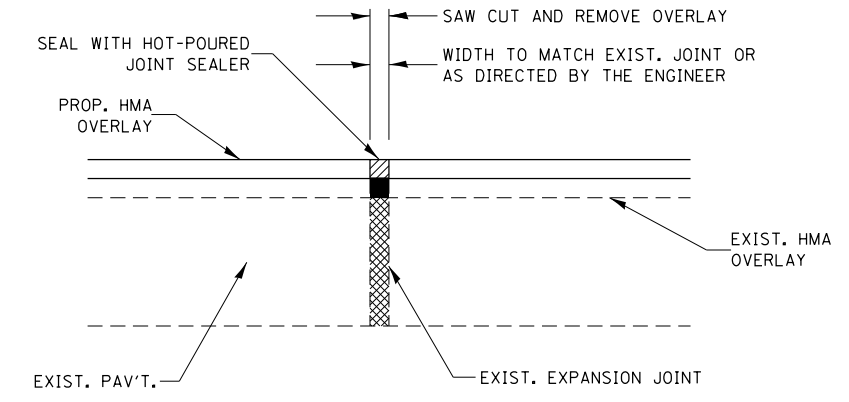
1. USE 6" D BLACK LETTERING ON FLOURESENT ORANGE BACKGROUND.
2. ERECT SIGNS AT LOCATIONS IN ADVANCE OF THE "ROAD CONSTRUCTION AHEAD" SIGNS AS DIRECTED BY THE ENGINEER.
3. ERECT SIGN ① WITH INSTALLED PANEL ② A MINIMUM OF ONE WEEK PRIOR TO THE START OF THE LANE CLOSURE.
4. REMOVE PANEL ② ON THAT DATE.
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.

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

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



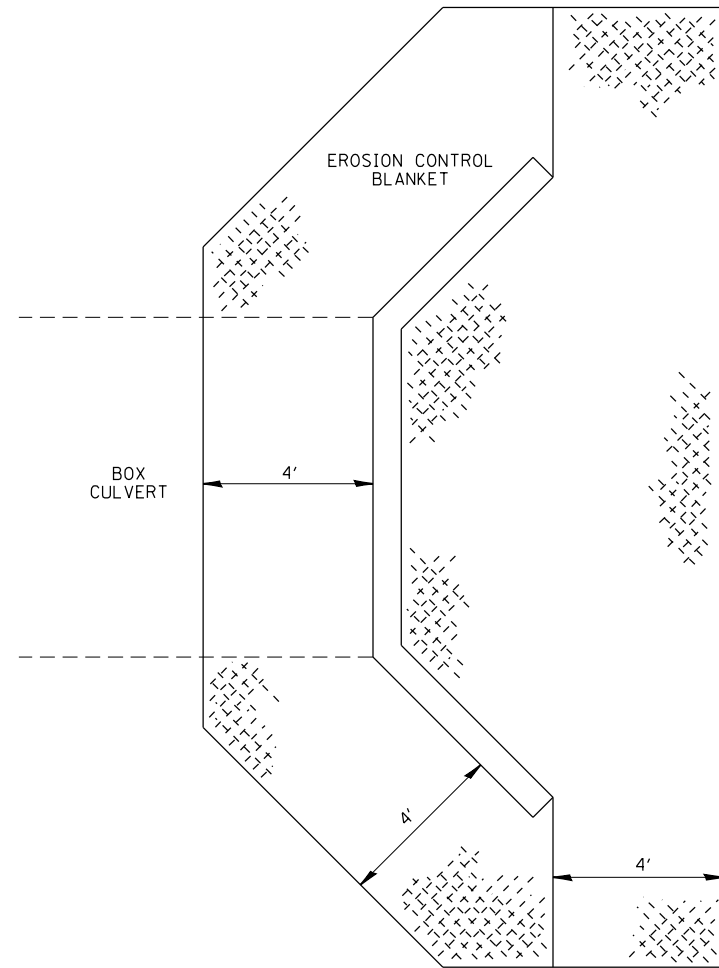
SECTION THROUGH PRECAST BOX CULVERT



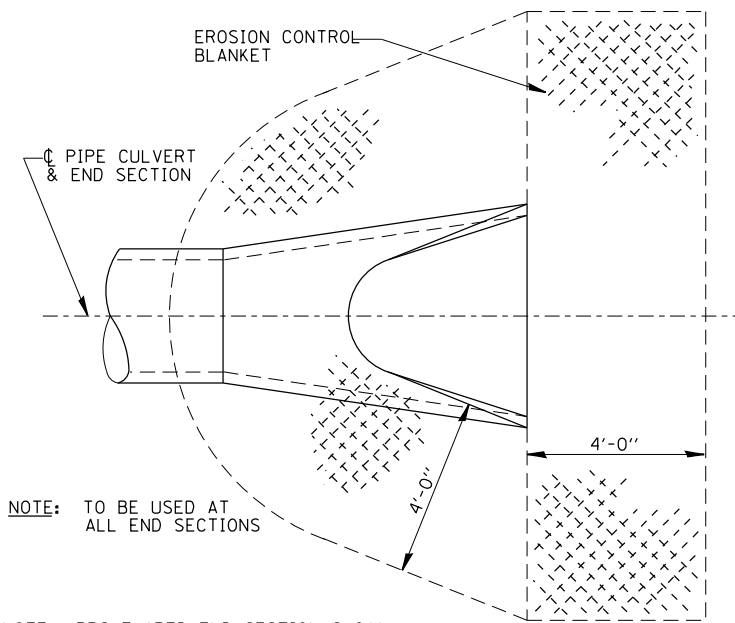
EXPANSION JOINT REHABILITATION DETAIL

GENERAL NOTES:

1. THE NEW HMA OVERLAY SHALL BE SAWED, REMOVED AND THE JOINT AREA CLEANED. PRIOR TO PLACING THE HOT-POURED JOINT SEALER, THE JOINT SHALL BE BLOWN OUT WITH COMPRESSED AIR.
2. THIS WORK WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER FOOT FOR EXPANSION JOINT REHABILITATION.



EROSION CONTROL BLANKET AT BOX CULVERT END SECTIONS



NOTE: TO BE USED AT ALL END SECTIONS

NOTE: PRC FLARED END SECTION SHOWN. TREATMENT SAME FOR OTHER END SECTIONS.

DETAIL OF EROSION CONTROL BLANKET LINING AROUND END SECTION

FILE NAME = G:\P101101B W08 66C36 D3 CULVERT\00Sheet	USER NAME = rmanucod	DESIGNED - TC	REVISED -
	Files\27_0366C36-sh1-details2.dgn	DRAWN - RM	REVISED -
	PLOT SCALE = 2.0000' / in.	CHECKED - JA	REVISED -
	PLOT DATE = 10/8/2014	DATE - 10/8/2014	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.
315	120BR-1	IROQUOIS	30	27
CONTRACT NO. 66C36				
ILLINOIS FED. AID PROJECT				

