

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
**PROPOSED
CONTRACT MAINTENANCE**

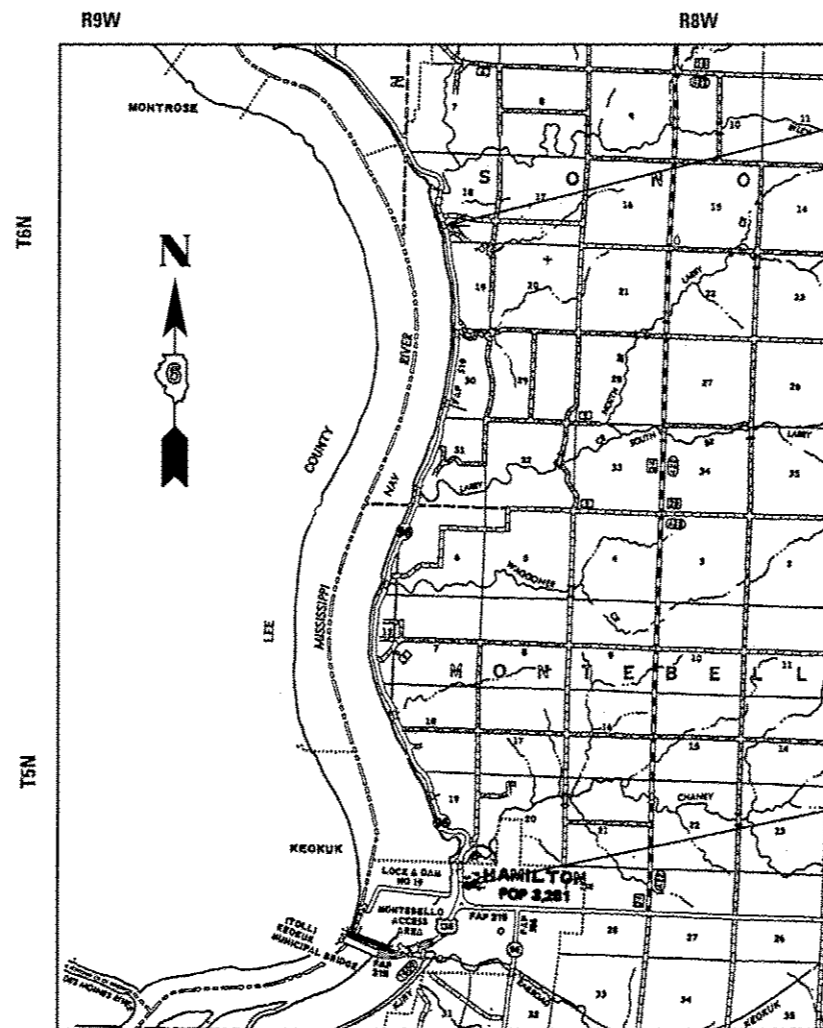
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
510	(120)T	HANCOCK	28	1
ILLINOIS		CONTRACT NO. 72F73		

FOR INDEX OF SHEETS, SEE SHEET NO. 2

FAP 510 (IL 96)
SECTION (120)T
RECONSTRUCT INLETS
HANCOCK COUNTY



C-96-005-13



BEGIN PROJECT
670+00

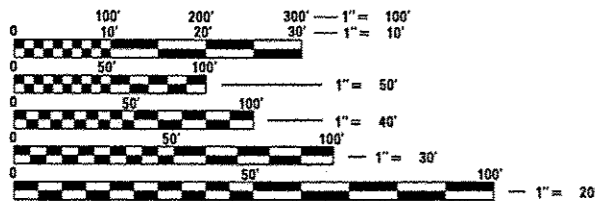
NOTE:
FOR STATION EQUATION
AND BRIDGE OMISSIONS,
SEE PAGE NO. 3 & 4

END PROJECT
1100+00

NET LENGTH = 46,939.2 FT. = 8.89 MILE

TRAFFIC COUNT

ADT: 1800 (2011)
MU : 10 (2009)
SU : 70 (2009)



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

PLAN AND CONTRACT TECHNICIAN
TIM SHARP (217) 782-7743
DAVE SHAH
CONTRACT NO. 72F73

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

SUBMITTED February 11, 2013
Reg Zork
DEPUTY DIRECTOR OF HIGHWAYS, REGION ENGINEER

March 22, 2013
John D. Baranzelli, P.E.
ENGINEER OF DESIGN AND ENVIRONMENT

March 22, 2013
Omer Osman, P.E.
DIRECTOR OF HIGHWAYS, CHIEF ENGINEER

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OF THE STATE OF ILLINOIS**

INDEX OF SHEETS:

1. COVER SHEET
2. INDEX OF SHEETS, STANDARDS, GENERAL NOTES & SIGNATURES.
- 3-4. PROJECT LOCATION, STATION EQUATIONS, OMISSION STATIONS
5. SUMMARY OF QUANTITIES
- 6-11. DRAINAGE PLANS
- 12-28. EXISTING & PROPOSED DRAINAGE STRUCTURE DETAILS

STANDARDS

STANDARD NO.	DESCRIPTION
420001-07	PAVEMENT JOINTS
606211-03	OUTLETS TYPE 2 FOR TYPE B GUTTER
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') MINIMUM FROM EDGE OF PAVEMENT - > 45 MPH
701006-04	OFF-ROAD OPERATIONS, 2L, 2W, 4.5 M (15') TO 600 MM (24") FROM PAVEMENT EDGE
701201-04	LANE CLOSURE, 2L, 2W, DAY ONLY FOR SPEEDS ≥ 45 MPH
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS ≥ 45 MPH
701901-02	TRAFFIC CONTROL DEVICES

INLET LOCATED AT FOLLOWING STATIONS:

697+89 LT	943+75 LT
706+50 LT	947+95 LT
711+75 LT	957+62 LT
716+25 LT	963+50 LT
719+35 LT	968+88 LT
763+50 LT	978+50 LT
787+95 LT	983+25 LT
793+10 LT	994+50 LT
811+80 LT	1001+88 LT
825+00 LT	1005+50 LT
881+50 LT	1038+10 LT
909+00 LT	1041+31 LT
915+90 LT	1046+30 LT
921+75 LT	1048+35 LT
923+75 LT	1049+75 LT
925+50 LT	1094+50 LT
939+75 LT	

GENERAL NOTES

- GUTTER SHALL BE REMOVED AT BEGINING OF SECTION B-B AND AT THE CONSTRUCTION JOINT (C.J.) AT ALL 33 LOCATIONS. (SEE SHEET NO. 12)
- CONSTRUCT ONLY TOP 8" OF THE INLET AND REMAINDER OF THE GUTTER STARTING AT SECTION B-B AT ALL 33 LOCATIONS. (SEE SHEET NO. 13)
- FURNISHED EXCAVATION IS INCIDENTAL TO EACH LOCATION. AN ESTIMATE OF 1 CU. YD. OF FURNISHED EXCAVATION IS ESTIMATED FOR EACH LOCATION.
- FURNISHED EXCAVATION SHALL INCLUDE SEEDING AND MULCH.
- ANCHOR BOLTS: THE LENGHT OF THE ANCHOR BOLTS IS 6". 3" SHALL BE EMBADDED IN THE EXISTING CONCRETE AND 3" SHALL BE EMBADDED IN THE PROPOSED CONCRETE.

MIXTURE REQUIREMENTS

THE FOLLOWING MIXTURE REQUIREMENTS ARE APPLICABLE FOR THIS PROJECT		
MIXTURE USE(S):	TOP LIFT SHOULDER	BOTTOM LIFT SHOULDER
AC/PG:	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION:	IL-9.5	IL-19.0
FRICTION AGGREGATE:	MIX "C"	N/A

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
DISTRICT 6

EXAMINED 2/9 20 13

Bill Hagan
ENGINEER OF OPERATIONS

EXAMINED JAN 15 20 13

Tommy F. J. [Signature]
ENGINEER OF PROJECT IMPLEMENTATION

EXAMINED January 16 20 13

ARNOLD
ENGINEER OF PROGRAM DEVELOPMENT

↑ TO NAUVOO



BEGIN PROJECT
STATION 670+00

BRIDGE OMISSION
STATION 825+31.64 TO 835+50.00

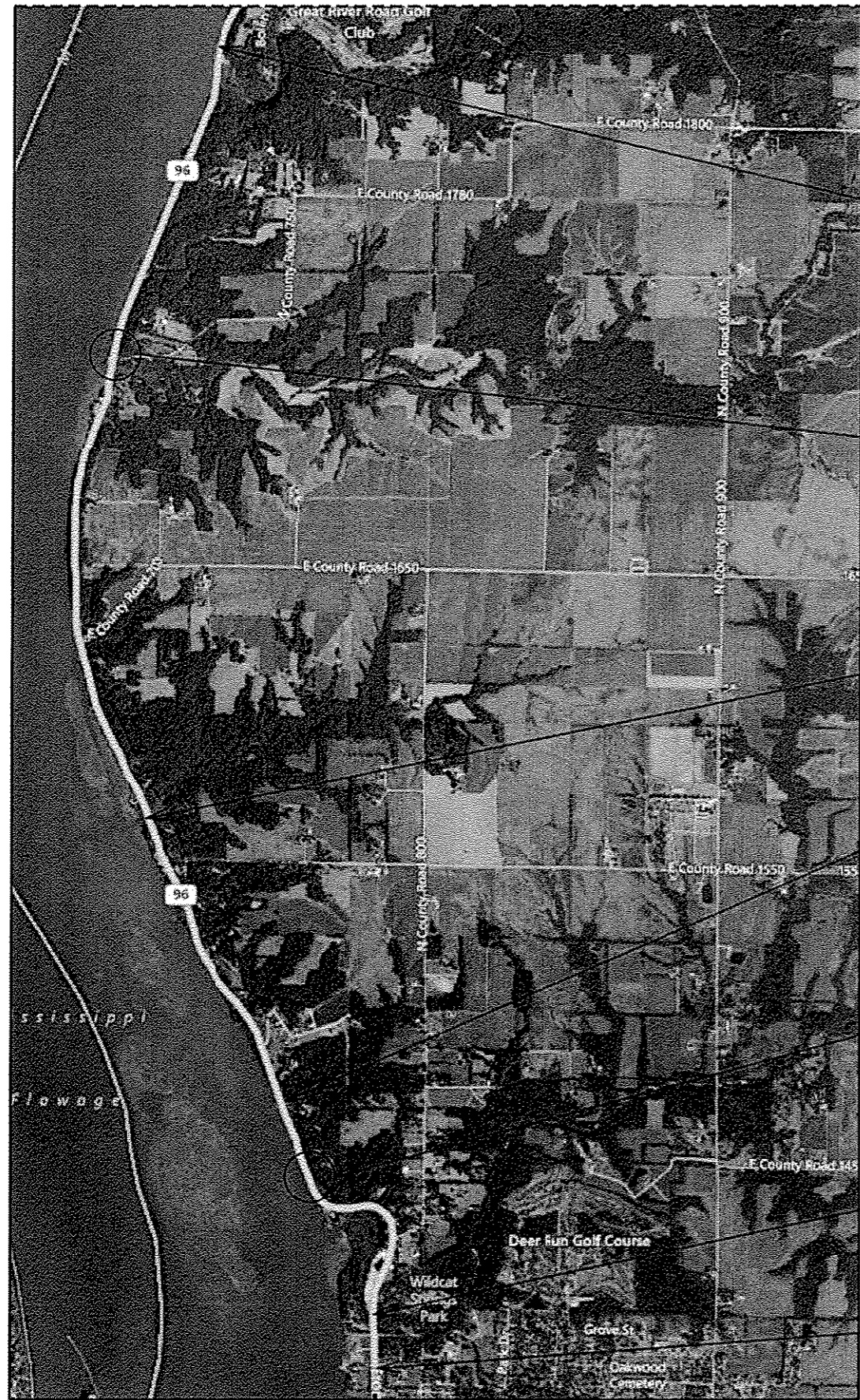
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

LOCATION MAP

SCALE: SHEET 1 OF 2 SHEETS STA. 670+36.00 TO STA. 835+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
510	(120)T	HANCOCK	28	3
CONTRACT NO. 72F73				
ILLINOIS FED. AID PROJECT				



BRIDGE OMISSION
 STATION 825+31.64 TO 835+50.00

STATION EQUATION
 STATION 887+91.29 BK=
 STATION 889+14.50 AH

BRIDGE OMISSION
 STATION 968+88.00 TO 977+15.00

BRIDGE OMISSION
 STATION 1024+25.00 TO 1038+35.00

STATION EQUATION
 STATION 1050+14.78 BK=
 STATION 1049+04.00 AH

BRIDGE OMISSION
 STATION 1077+00.00 TO 1088+90.00

END PROJECT
 STATION 1100+00.00

↓ TO HAMILTON

FILE NAME *	USER NAME * shohdm	DESIGNED -	REVISED -
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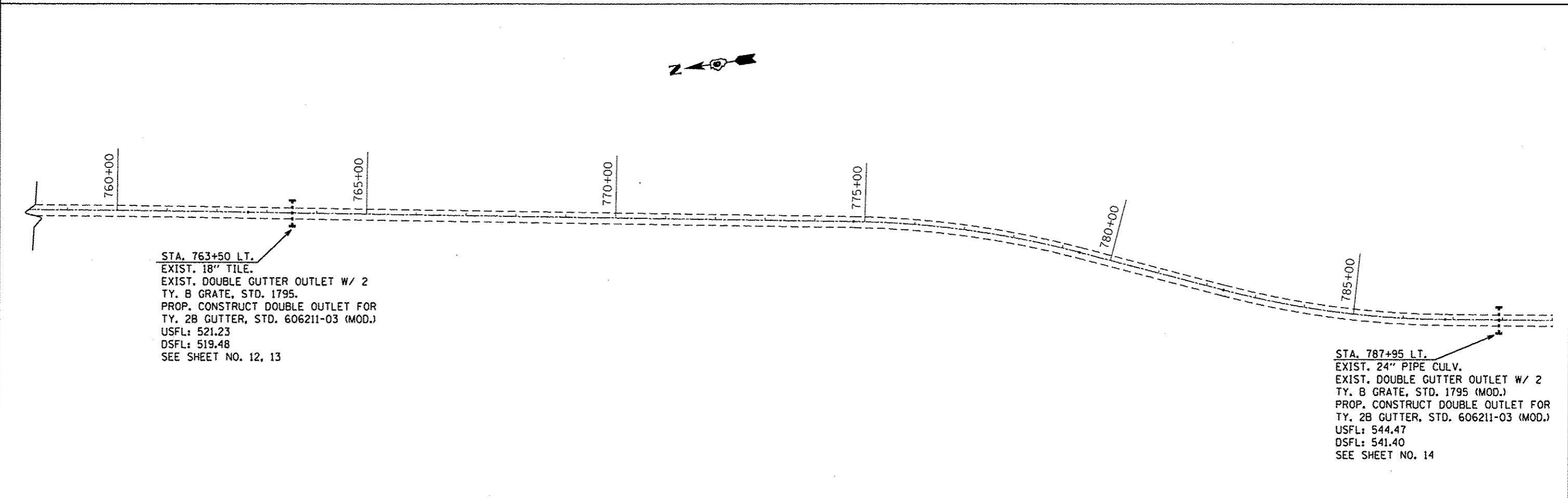
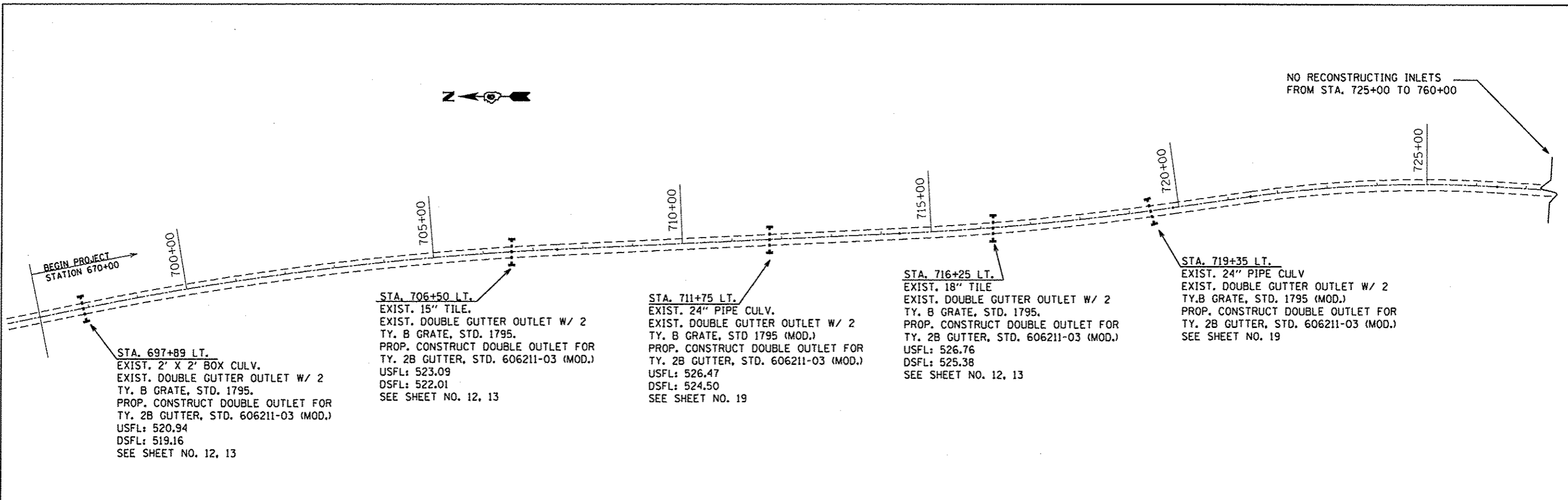
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

LOCATION MAP
 SCALE: SHEET 2 OF 2 SHEETS STA. 835+50.00 TO STA. 1100+00.00

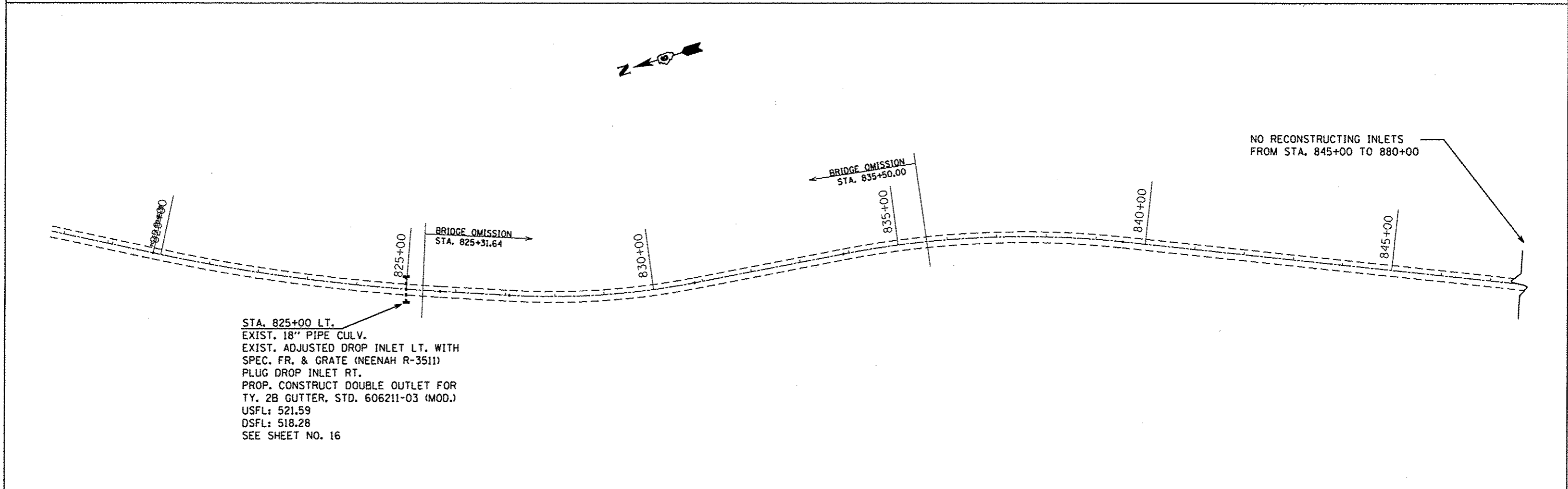
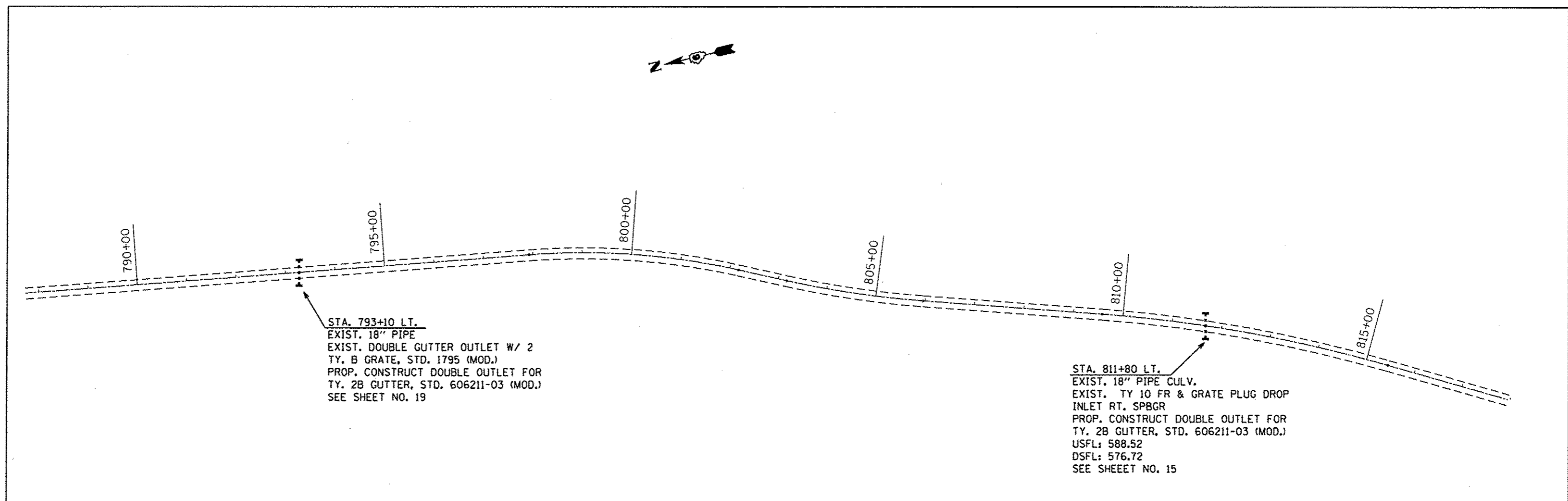
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
510	(120)T	HANCOCK	28	4
CONTRACT NO. 72F73				
ILLINOIS FED. AID PROJECT				

CODE NO.	ITEM	UNIT	TOTAL QUANTITY	CONSTR. CODE
				ROADWAY 0005 S.N.
52100510	ANCHOR BOLTS, 3/4"	EACH	132	100% STATE
60405900	GRATES AND COVERS, TYPE 2B	EACH	33	
67100100	MOBILIZATION	L SUM	1	
70100450	TRAFFIC CONTROL AND PROTECTION, STANDARD 701201	L SUM	1	
70100500	TRAFFIC CONTROL AND PROTECTION, STANDARD 701326	L SUM	1	
81200270	CONDUIT EMBEDDED IN STRUCTURE, 4" DIA., PVC	FOOT	1.5	
X4402720	GUTTER REMOVAL (SPECIAL)	FOOT	848.0	
X6063000	CONCRETE GUTTER, TYPE B (SPECIAL)	FOOT	874.5	
X4820110	HOT-MIX ASPHALT SHOULDER REMOVAL AND REPLACEMENT (SPECIAL)	SQ YD	100	
Z0013798	CONSTRUCTION LAYOUT	L SUM	1	

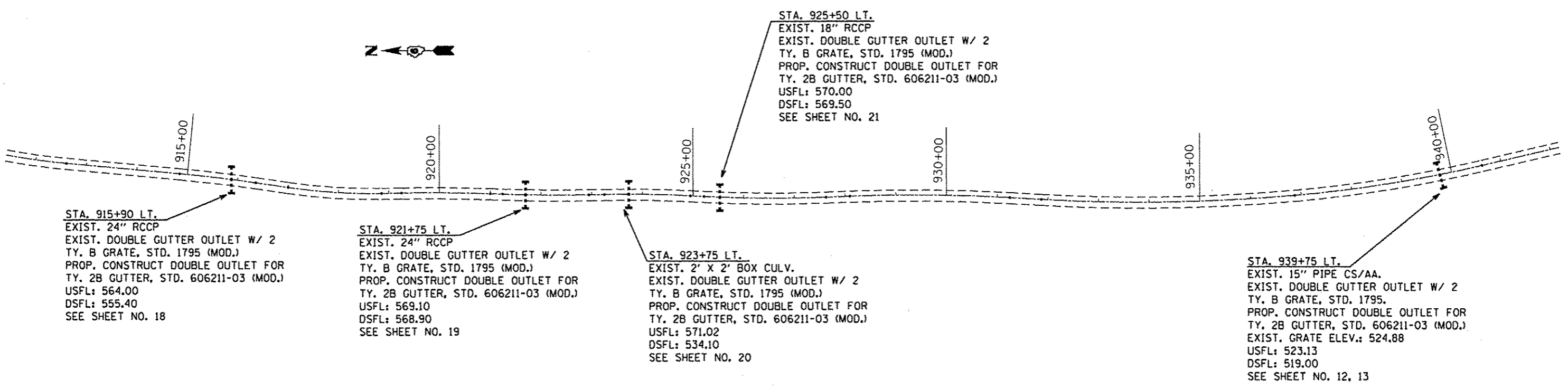
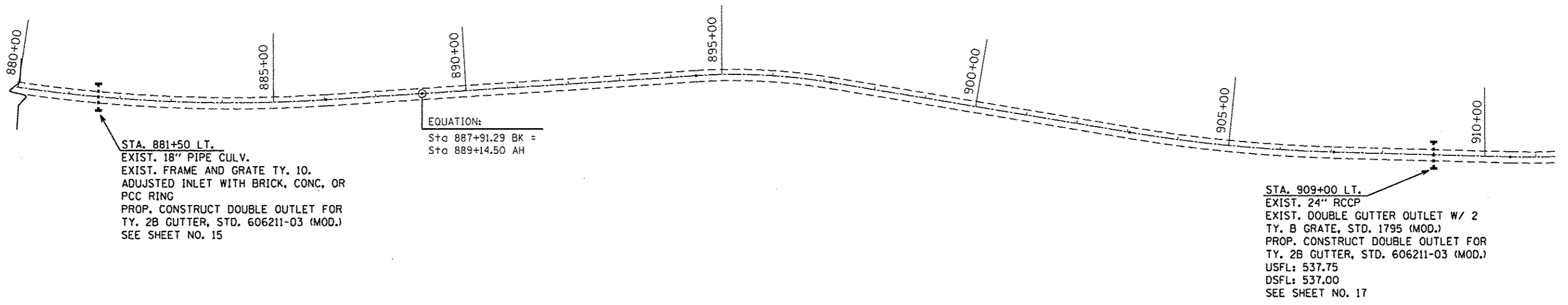
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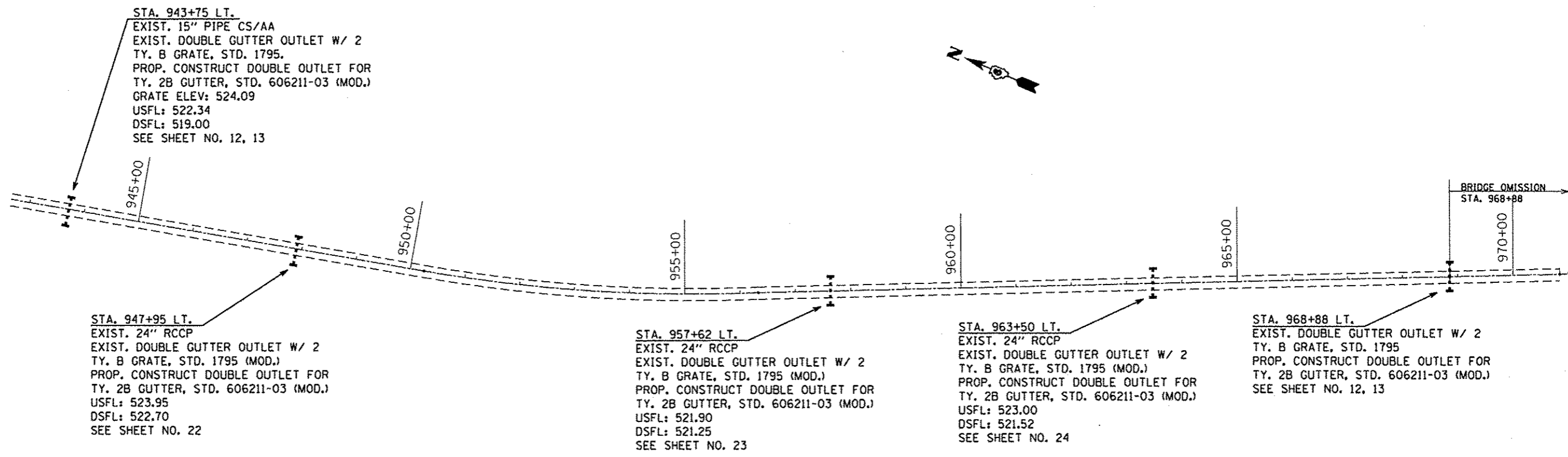
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Default	PLOT DATE * Nov-20-2012 10:00:13AM	DATE -	REVISED -		SCALE: N/A	SHEET 1 OF 6 SHEETS	STA. 670+00 TO STA. 789+00	ILLINOIS FED. AID PROJECT				



FILE NAME *	USER NAME * shahdm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLANS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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PLOT DATE * Nov-28-2012 10:00:19AM		DATE -	REVISED -		SCALE: N/A	SHEET 2	OF 6	SHEETS	STA. 789+00	TO STA. 890+00			



FILE NAME *	USER NAME * shahdn	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLANS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\p\work\p\rdot\shahdn\8316114\06xxxx	shh-details.dgn	DRAWN - DMS	REVISED -		SCALE: N/A	SHEET 3	OF 6	SHEETS	STA. 880+00	TO STA. 942+50	HANCOCK	28	8
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Default	PLOT DATE * Nov-20-2012 10:00:23AM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



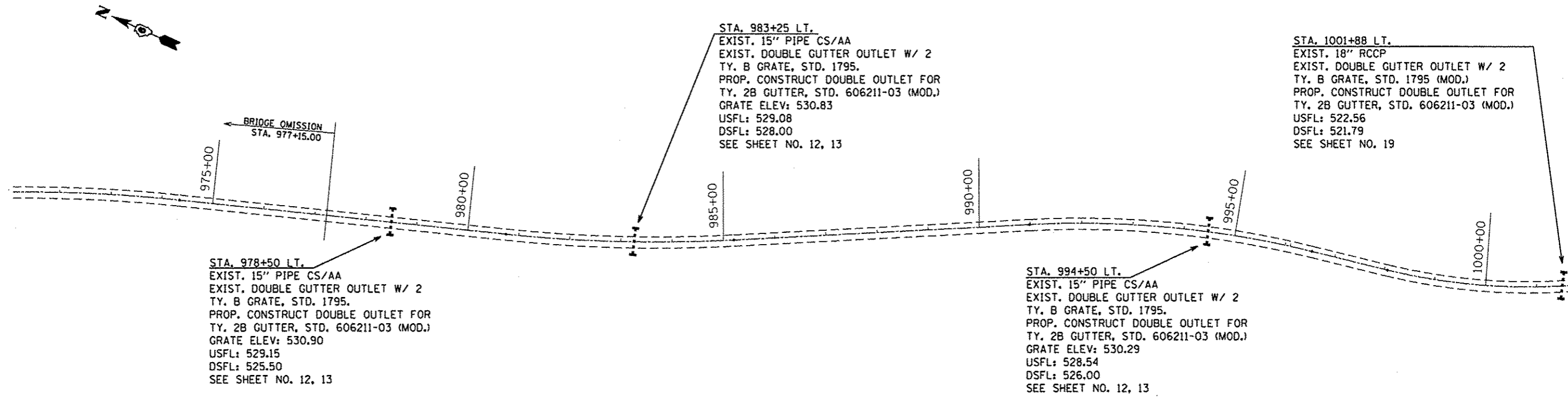
STA. 943+75 LT.
 EXIST. 15" PIPE CS/AA
 EXIST. DOUBLE GUTTER OUTLET W/ 2
 TY. B GRATE, STD. 1795.
 PROP. CONSTRUCT DOUBLE OUTLET FOR
 TY. 2B GUTTER, STD. 606211-03 (MOD.)
 GRATE ELEV: 524.09
 USFL: 522.34
 DSFL: 519.00
 SEE SHEET NO. 12, 13

STA. 947+95 LT.
 EXIST. 24" RCCP
 EXIST. DOUBLE GUTTER OUTLET W/ 2
 TY. B GRATE, STD. 1795 (MOD.)
 PROP. CONSTRUCT DOUBLE OUTLET FOR
 TY. 2B GUTTER, STD. 606211-03 (MOD.)
 USFL: 523.95
 DSFL: 522.70
 SEE SHEET NO. 22

STA. 957+62 LT.
 EXIST. 24" RCCP
 EXIST. DOUBLE GUTTER OUTLET W/ 2
 TY. B GRATE, STD. 1795 (MOD.)
 PROP. CONSTRUCT DOUBLE OUTLET FOR
 TY. 2B GUTTER, STD. 606211-03 (MOD.)
 USFL: 521.90
 DSFL: 521.25
 SEE SHEET NO. 23

STA. 963+50 LT.
 EXIST. 24" RCCP
 EXIST. DOUBLE GUTTER OUTLET W/ 2
 TY. B GRATE, STD. 1795 (MOD.)
 PROP. CONSTRUCT DOUBLE OUTLET FOR
 TY. 2B GUTTER, STD. 606211-03 (MOD.)
 USFL: 523.00
 DSFL: 521.52
 SEE SHEET NO. 24

STA. 968+88 LT.
 EXIST. DOUBLE GUTTER OUTLET W/ 2
 TY. B GRATE, STD. 1795
 PROP. CONSTRUCT DOUBLE OUTLET FOR
 TY. 2B GUTTER, STD. 606211-03 (MOD.)
 SEE SHEET NO. 12, 13



BRIDGE OMISSION
 STA. 977+15.00

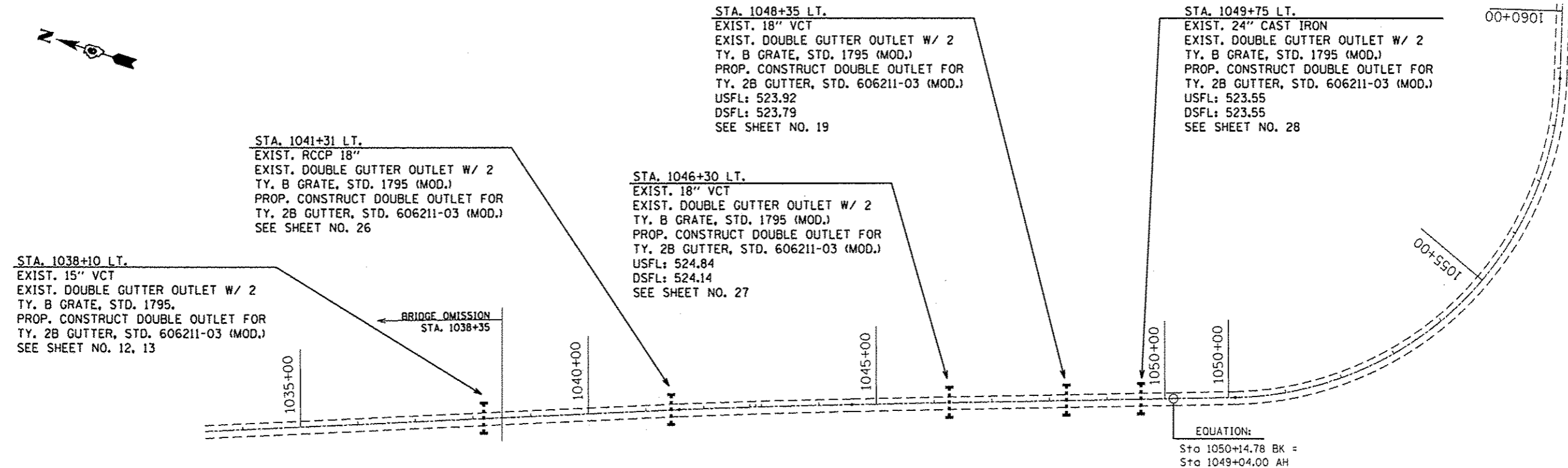
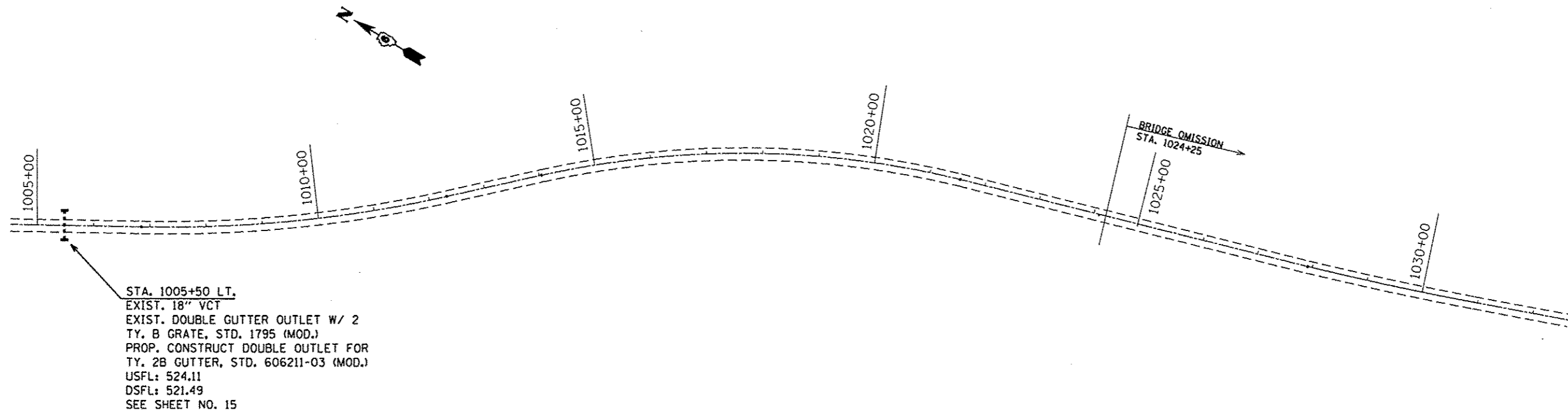
STA. 978+50 LT.
 EXIST. 15" PIPE CS/AA
 EXIST. DOUBLE GUTTER OUTLET W/ 2
 TY. B GRATE, STD. 1795.
 PROP. CONSTRUCT DOUBLE OUTLET FOR
 TY. 2B GUTTER, STD. 606211-03 (MOD.)
 GRATE ELEV: 530.90
 USFL: 529.15
 DSFL: 525.50
 SEE SHEET NO. 12, 13

STA. 983+25 LT.
 EXIST. 15" PIPE CS/AA
 EXIST. DOUBLE GUTTER OUTLET W/ 2
 TY. B GRATE, STD. 1795.
 PROP. CONSTRUCT DOUBLE OUTLET FOR
 TY. 2B GUTTER, STD. 606211-03 (MOD.)
 GRATE ELEV: 530.83
 USFL: 529.08
 DSFL: 528.00
 SEE SHEET NO. 12, 13

STA. 994+50 LT.
 EXIST. 15" PIPE CS/AA
 EXIST. DOUBLE GUTTER OUTLET W/ 2
 TY. B GRATE, STD. 1795.
 PROP. CONSTRUCT DOUBLE OUTLET FOR
 TY. 2B GUTTER, STD. 606211-03 (MOD.)
 GRATE ELEV: 530.29
 USFL: 528.54
 DSFL: 526.00
 SEE SHEET NO. 12, 13

STA. 1001+88 LT.
 EXIST. 18" RCCP
 EXIST. DOUBLE GUTTER OUTLET W/ 2
 TY. B GRATE, STD. 1795 (MOD.)
 PROP. CONSTRUCT DOUBLE OUTLET FOR
 TY. 2B GUTTER, STD. 606211-03 (MOD.)
 USFL: 522.56
 DSFL: 521.79
 SEE SHEET NO. 19

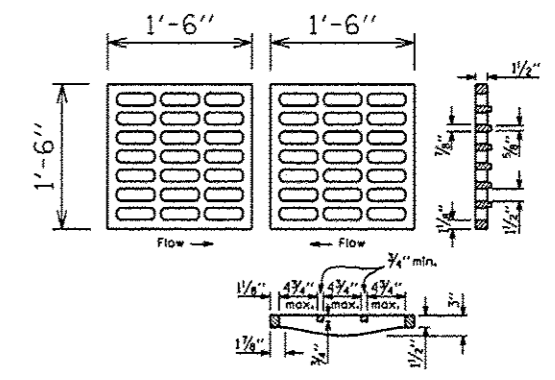
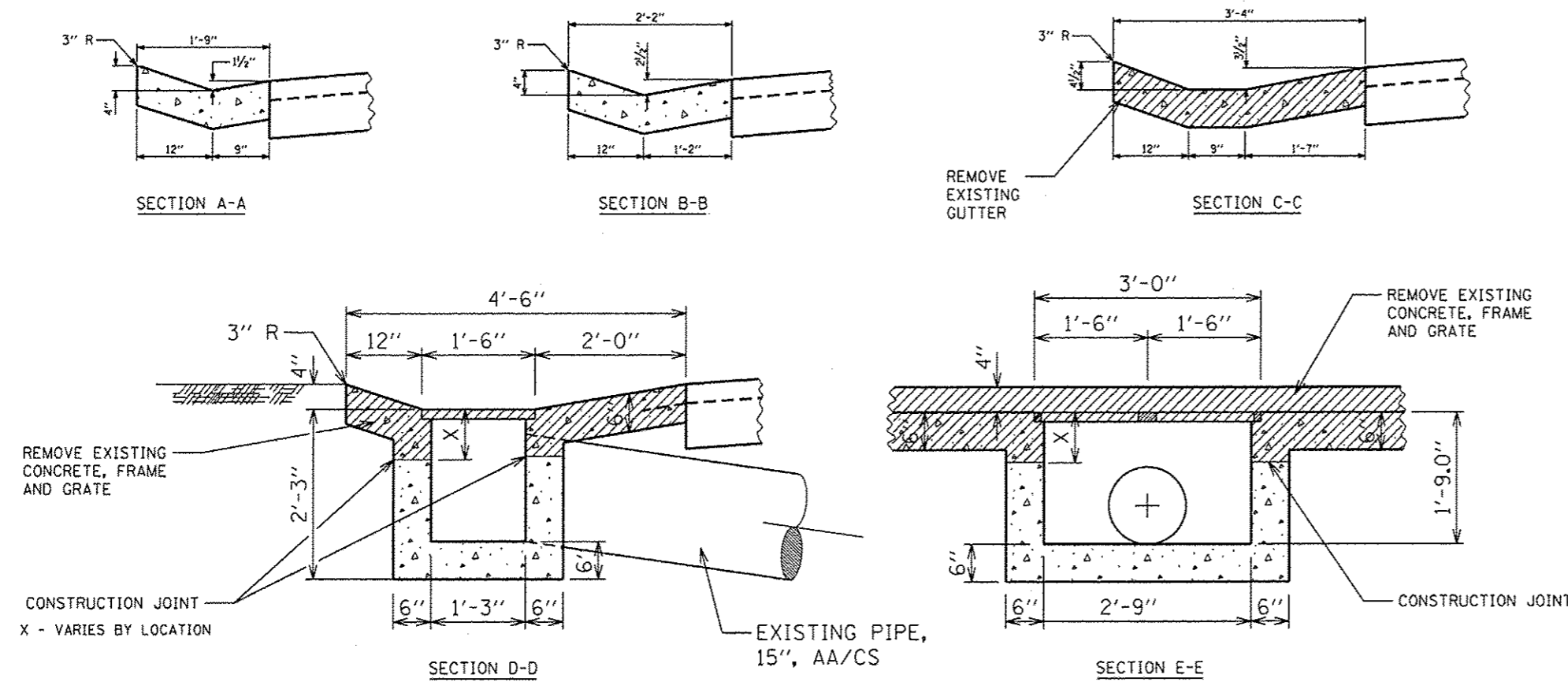
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PLOT SCALE * N/A		CHECKED -	REVISED -			CONTRACT NO. 72F73					
Default	PLOT DATE * Nov-28-2012 10:00:29AM	DATE -	REVISED -			SCALE: N/A	SHEET 4	OF 6	SHEETS	STA. 942+50	TO STA. 1002+00



FILE NAME *	USER NAME * ehehdm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE PLANS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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	PLOT DATE * Nov-20-2012 10:00:35AM	DATE -	REVISED -			ILLINOIS FED. AID PROJECT					

EXISTING STANDARD 1795

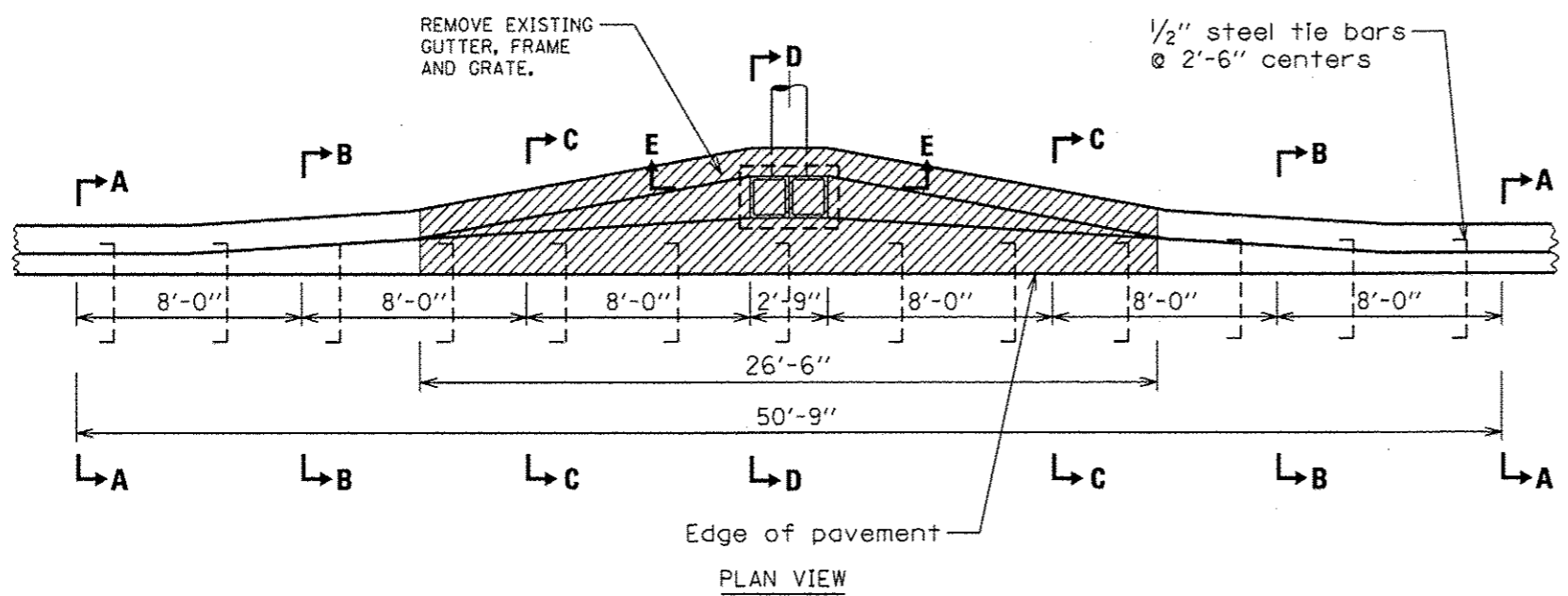
DOUBLE OUTLET TYPE 1

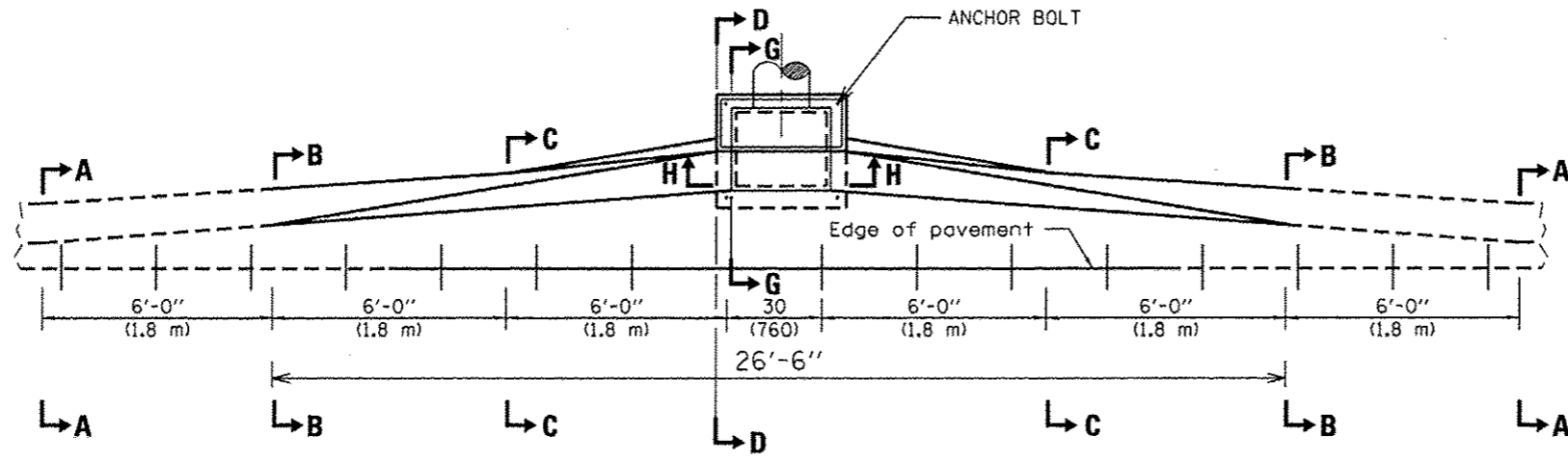


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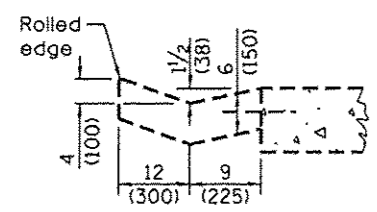
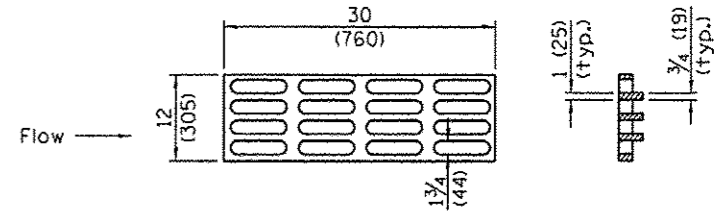
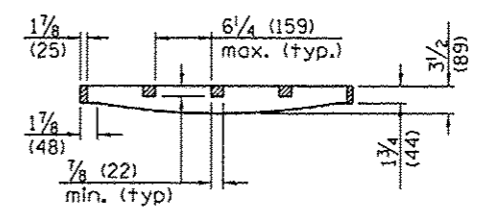
- EXISTING DOUBLE GUTTER OUTLET W/ 2 TY. B GRATES AND INLET DEPTH OF 1'-9" INSTALLED @ FOLLOWING STATIONS : (EXST. STD. 1795)

697+89	LT.	968+88	LT.
706+50	LT.	978+50	LT.
716+25	LT.	983+25	LT.
763+50	LT.	994+50	LT.
939+75	LT.	1038+10	LT.
943+75	LT.	1094+50	LT.
- IF THE AVG. GRADE OF PAVT. OF THE DISTANCE A-D EXCEEDS 2%, THIS DISTANCE WAS INCREASED 6 FT. FOR EACH 1% INCREASE IN GRADE.

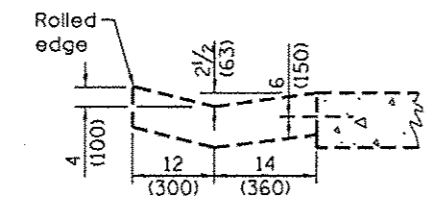




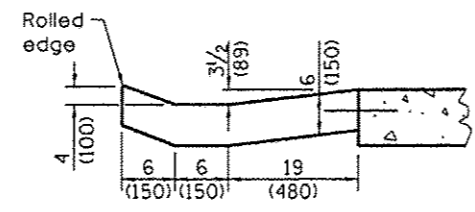
PLAN - DOUBLE OUTLET



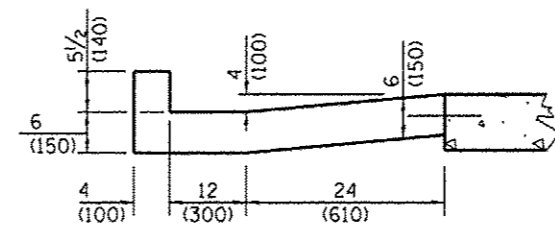
**SECTION A-A
EXISTING**



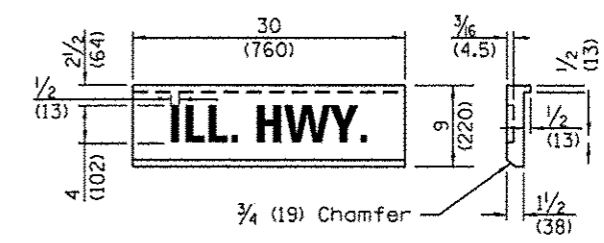
**SECTION B-B
EXISTING**



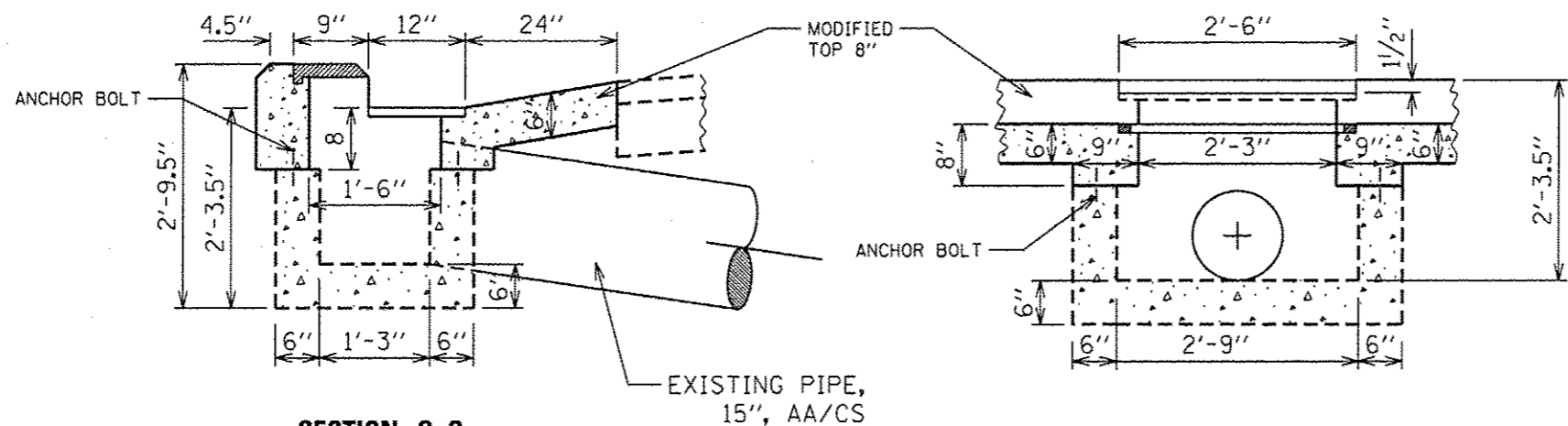
**SECTION C-C
PROPOSED**



**SECTION D-D
PROPOSED**

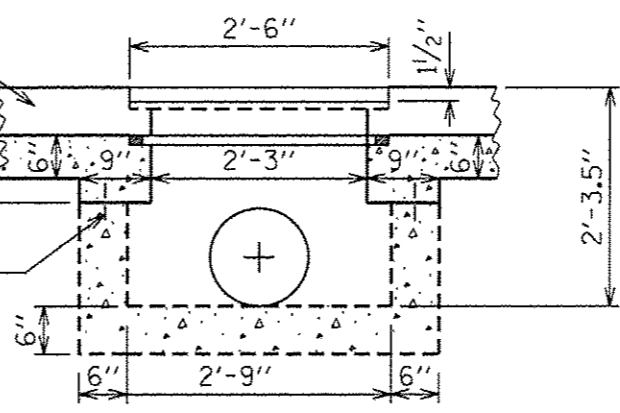


GRATE AND COVER TYPE 2B



**SECTION G-G
PROPOSED**

EXISTING PIPE, 15", AA/CS



**SECTION H-H
PROPOSED**

GENERAL NOTES

If the average grade of pavement for the distance A-E exceeds 2 percent, this distance shall be increased 6 ft. (1.8 m) for each 1 percent increase in grade.

The gutter outlet shall be tied to the pavement in accordance with details for longitudinal construction joint shown on Standard 420001.

All dimensions are in inches (millimeters) unless otherwise shown.

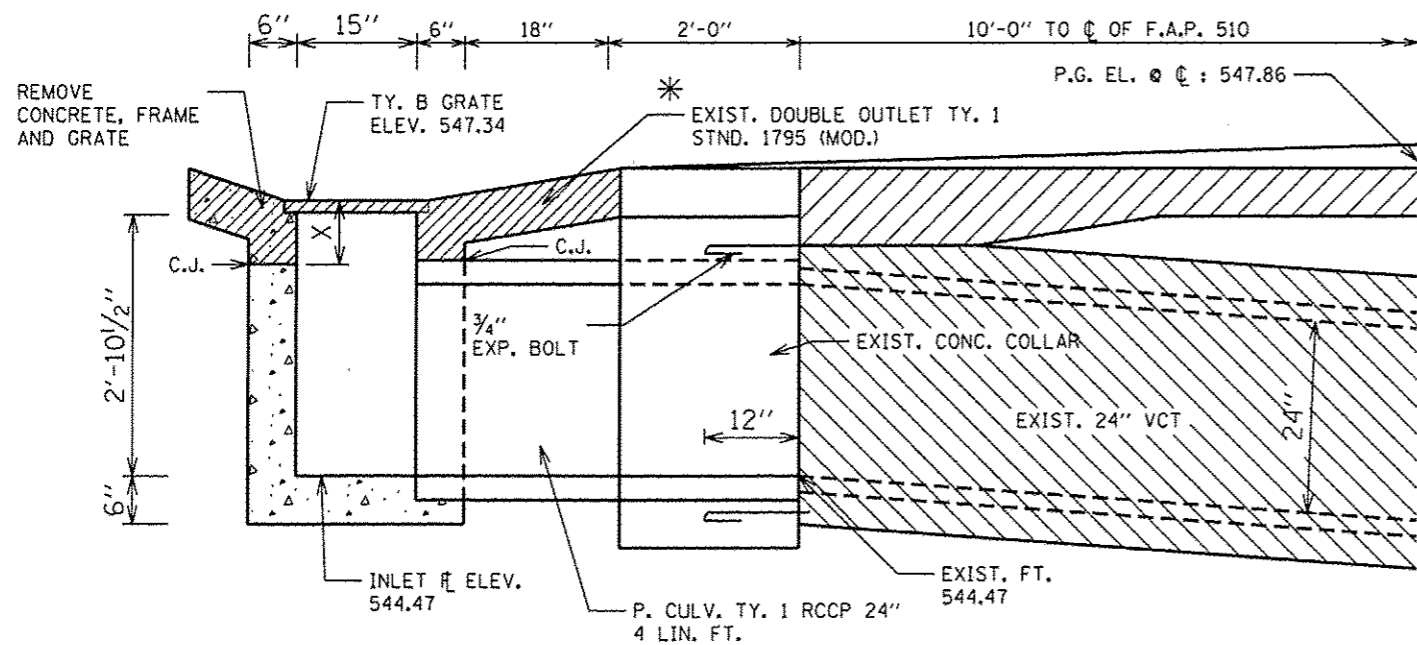
NOTE:

CONSTRUCT MODIFIED STANDARD 606211-03 AT FOLLOWING STATIONS:

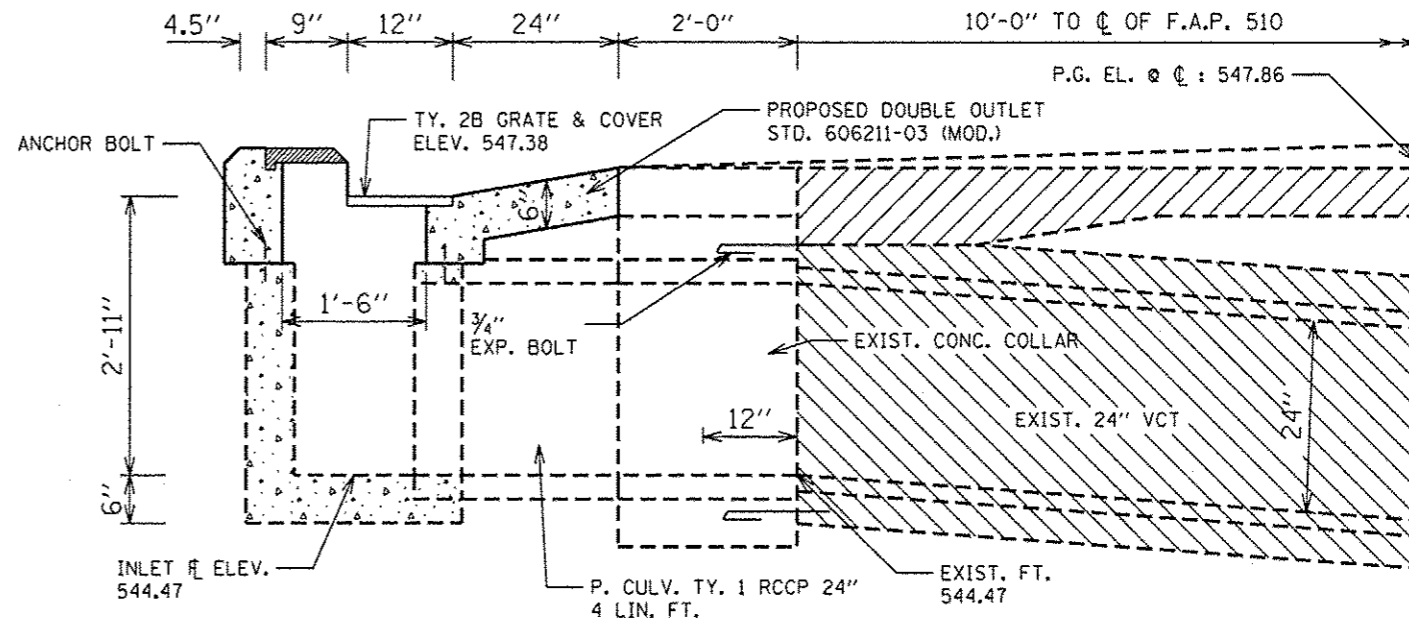
697+89	LT.	939+75	LT.	983+25	LT.
706+50	LT.	943+75	LT.	994+50	LT.
716+25	LT.	968+88	LT.	1038+10	LT.
763+50	LT.	978+50	LT.	1094+50	LT.

QUANTITIES

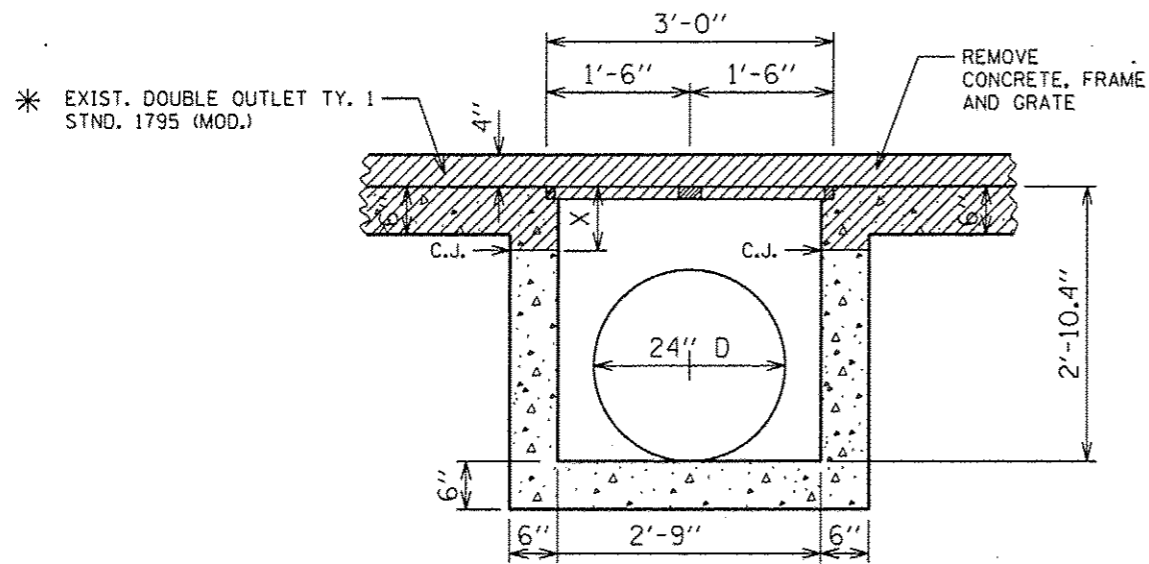
Material	Single	Double
Concrete - cu. yd. (m ³)	1.62 (1.24)	2.18 (1.67)
Cast Iron Grate - Ea.	1	1
Cast Iron Cover - Ea.	1	1
Pipe Drain - Dia. In. (mm)	12 (300)	15 (375)



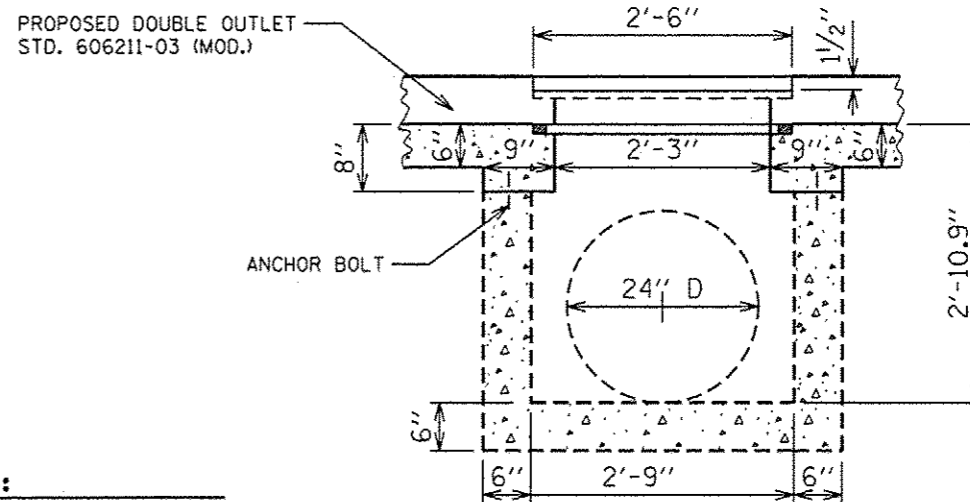
EXISTING SECTION THROUGH CENTERLINE



PROPOSED SECTION THROUGH CENTERLINE



EXISTING CROSS-SECTIONAL VIEW



PROPOSED CROSS-SECTIONAL VIEW

NOTES:

REMOVE EXISTING 26.5' OF TY B GUTTER. SEE PLAN VIEW ON SHEET NO. 12

* ONLY DEPTH OF THE INLET WAS MODIFIED

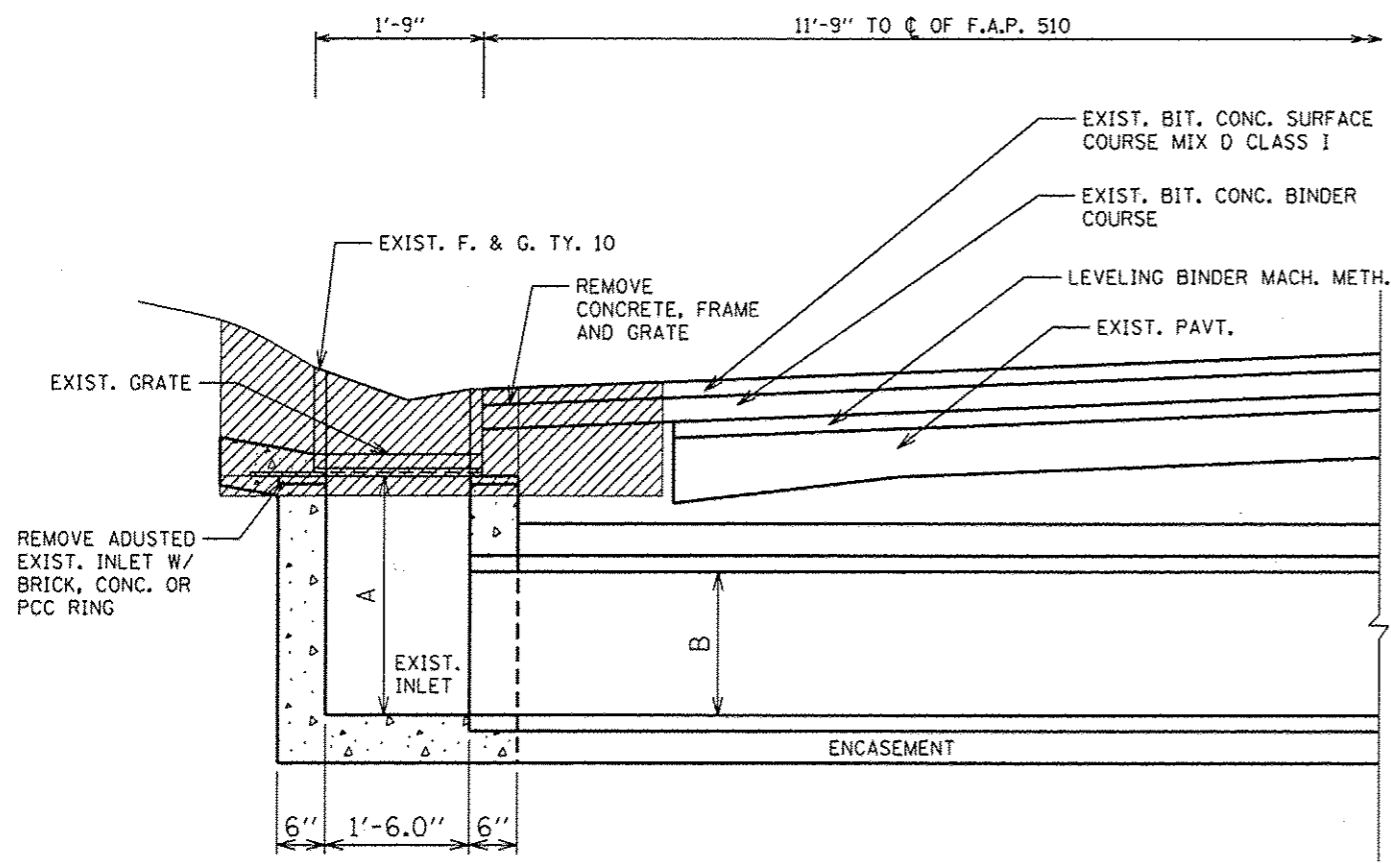
C.J. - CONSTRUCTION JOINT

X - VARIES BY EACH LOCATION

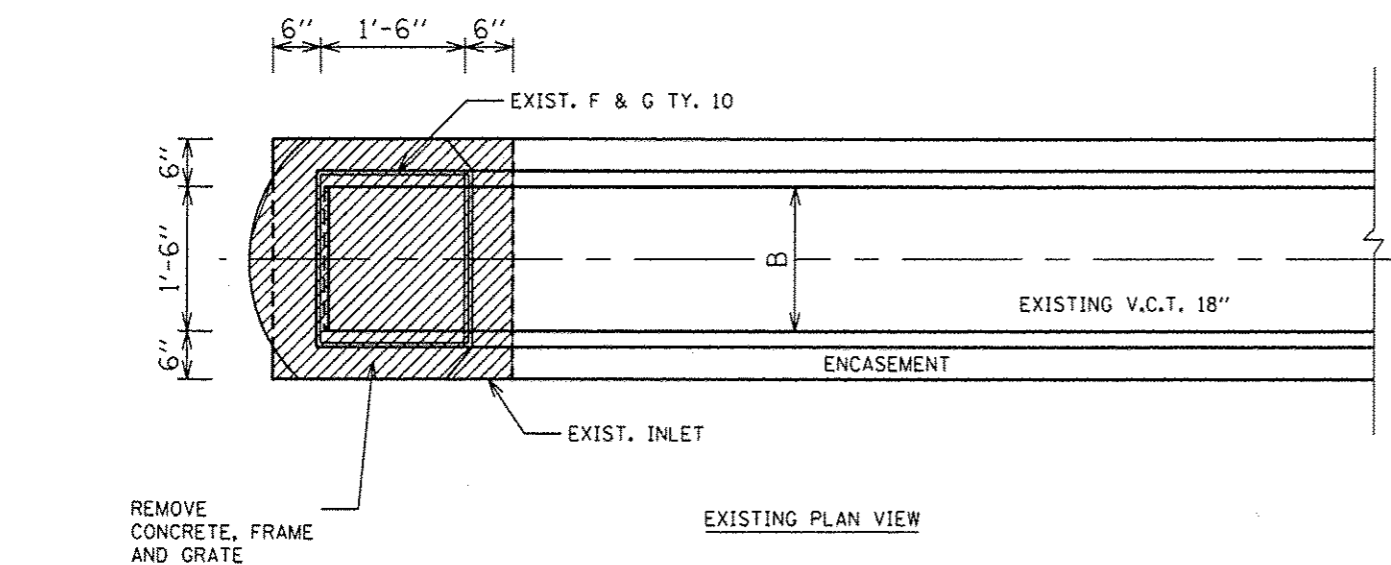
NOTES:

CONSTRUCT DOUBLE OUTLET TYPE B GUTTER (SECTION C-C & D-D). SEE SHEET NO. 13

FILE NAME *	USER NAME * ahahdm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE STRUCTURE DETAILS STA. 787 + 95 (LT.)		F.A.P. RTE. 510	SECTION (I201T)	COUNTY HANCOCK	TOTAL SHEETS 28	SHEET NO. 14	
ci:\pw\work\p\ridot\ahahdm\031611\406xxxx	shh-xashLdgn	DRAWN - DMS	REVISED -		SCALE: 1"=20'	SHEET 3 OF 17 SHEETS	STA. TO STA.	CONTRACT NO. 72F73				
Default	PLOT SCALE * 48.0000 / in.	CHECKED -	REVISED -		ILLINOIS FED. AID PROJECT							
	PLOT DATE * Nov-20-2012 10:03:04AM	DATE -	REVISED -									

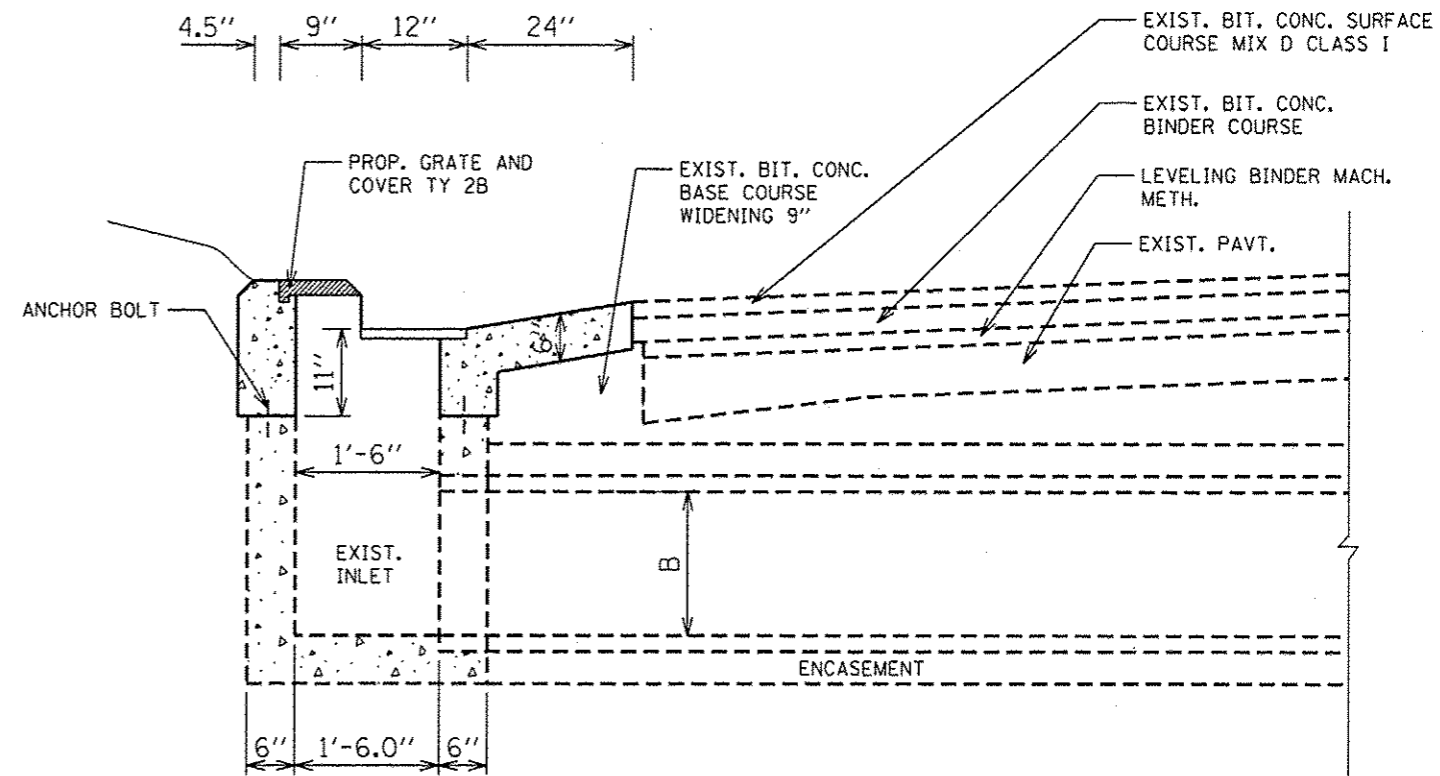


EXISTING SECTION THROUGH CENTERLINE

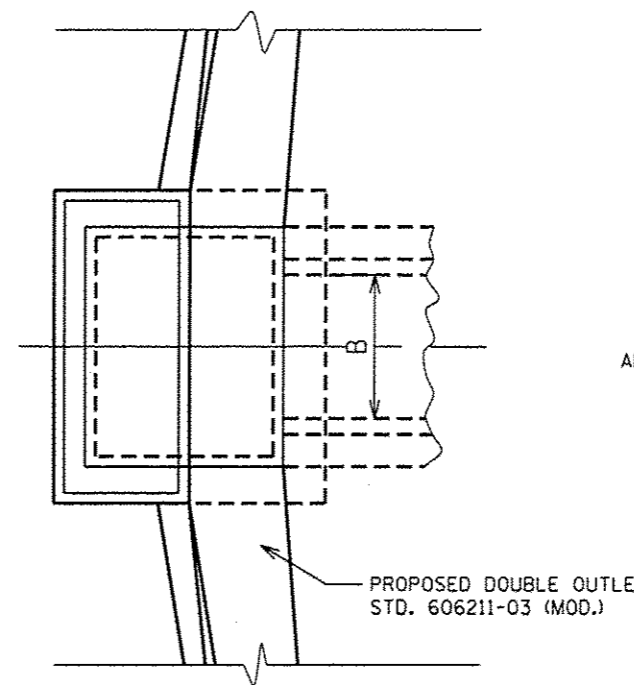


EXISTING PLAN VIEW

ITEM	LT 811+80	LT 881+50
PIPE DIAMETER (B)	18"	18"
DEPTH OF INLET (A)	-	5.6'
EXIST. INLET F.L.	-	-
PROP. GRATE ELEV.	591.37	-

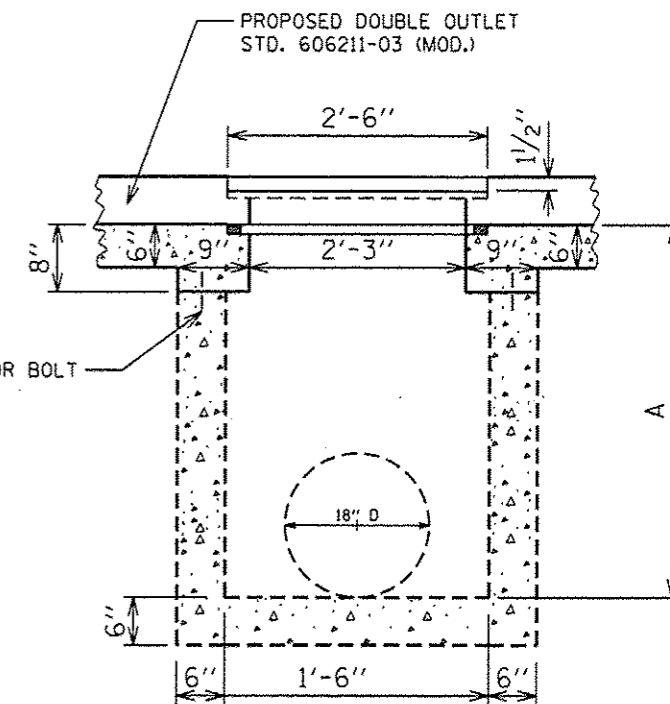


PROPOSED SECTION THROUGH CENTERLINE



PROPOSED PLAN VIEW

ITEM	LT 811+80	LT 881+50
PIPE DIAMETER (B)	18"	18"
DEPTH OF INLET (A)	-	5.6'
EXIST. INLET F.L.	-	-
PROP. GRATE ELEV.	591.37	-



PROPOSED CROSS-SECTIONAL VIEW

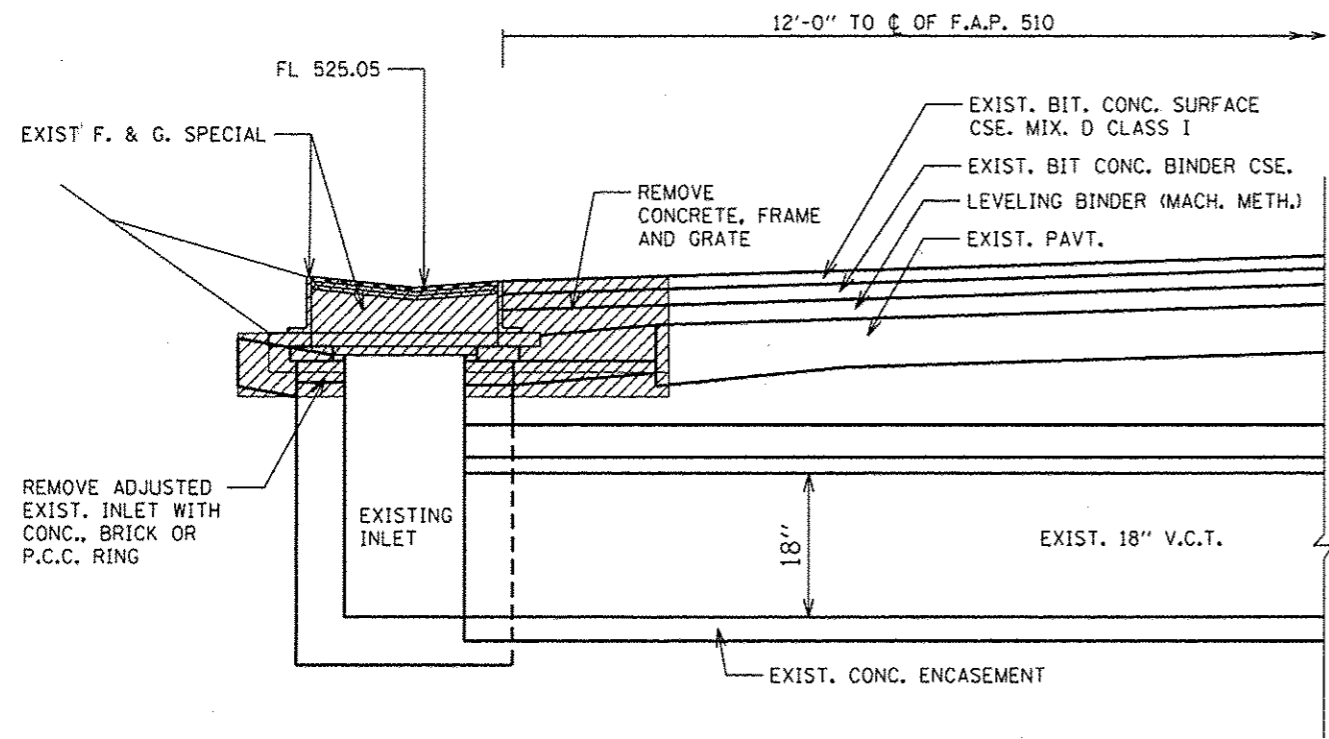
FILE NAME *	USER NAME * shahdm	DESIGNED -	REVISED -
ct:\pv-work\p\dot\shahdm\0316114\06xxxx	shh-ssht.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 40.0000 * / 1in.	CHECKED -	REVISOR -	REVISED -
PLOT DATE = Jan-07-2013 10:16:36AM	DATE -	REVISOR -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

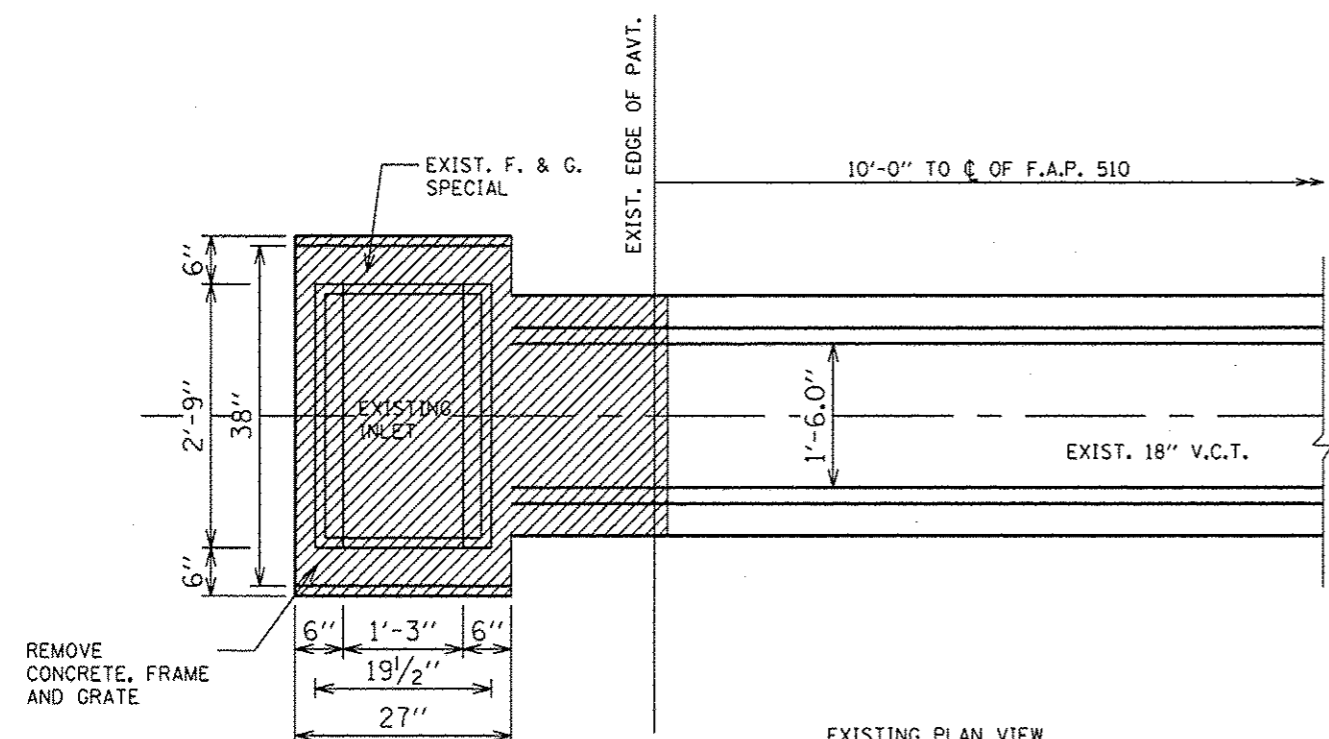
DRAINAGE STRUCTURE DETAILS
STA. 811+80 (LT.) & STA. 881+50 (LT.)

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
510	(1201)	HANCOCK	28	15
CONTRACT NO. 72F73			[ILLINOIS] FED. AID PROJECT	

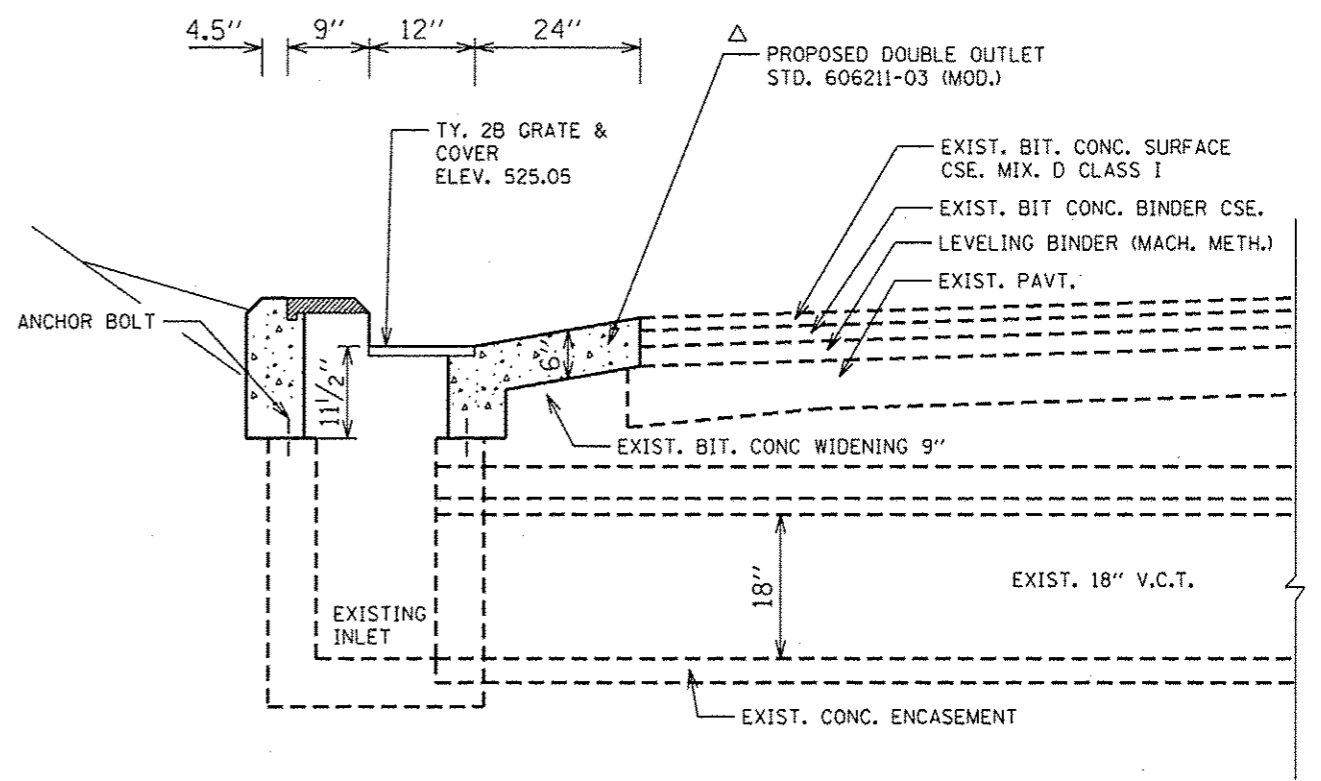
SCALE: SHEET 4 OF 17 SHEETS STA. TO STA.



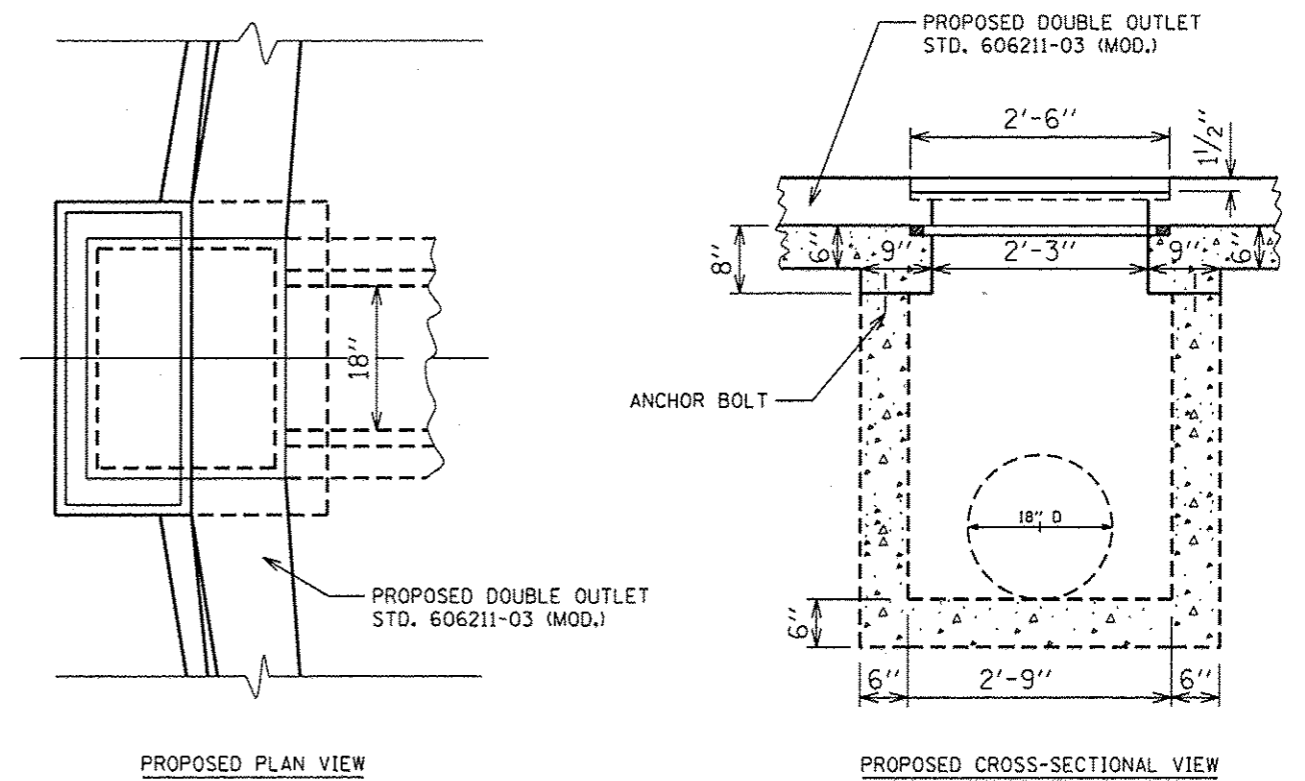
EXISTING SECTION THROUGH CENTERLINE



EXISTING PLAN VIEW



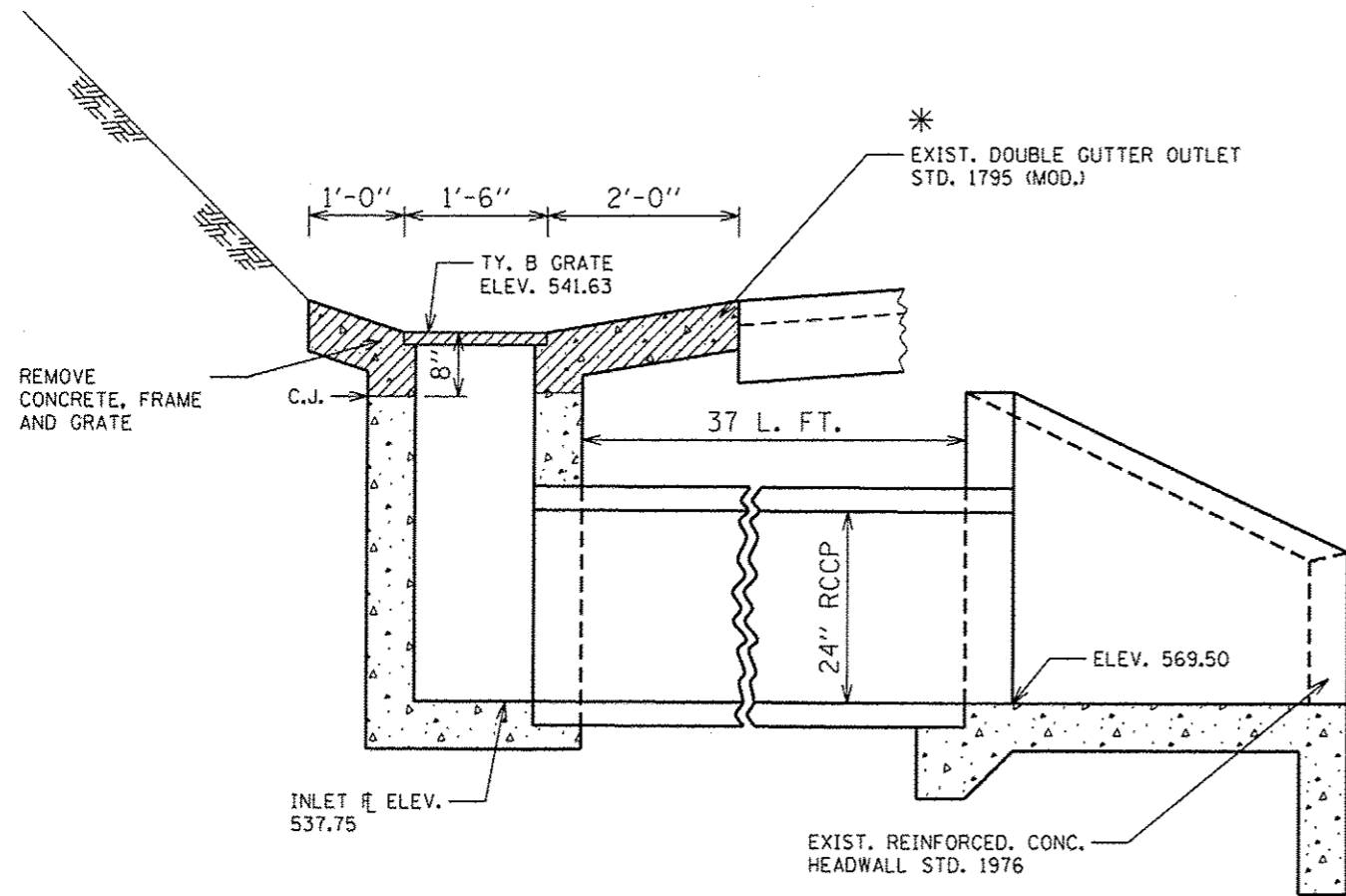
PROPOSED SECTION THROUGH CENTERLINE



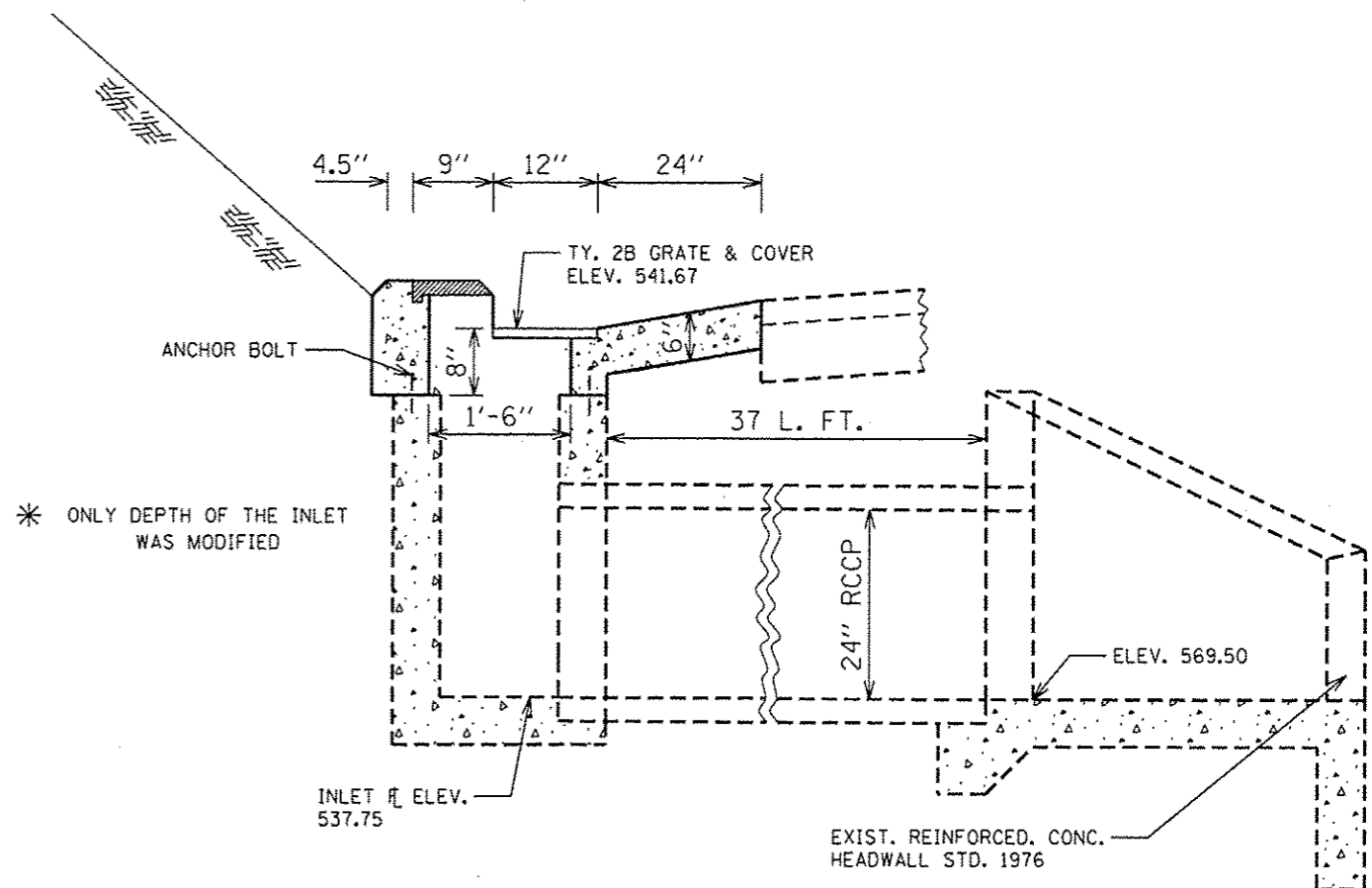
PROPOSED PLAN VIEW

PROPOSED CROSS-SECTIONAL VIEW

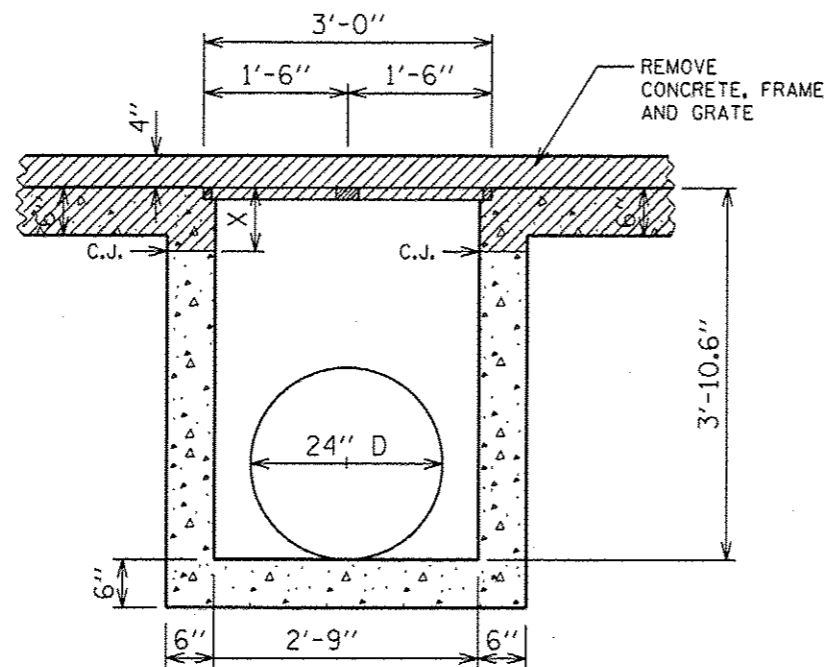
FILE NAME *	USER NAME * shhdm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE STRUCTURE DETAILS STA. 825 + 00 (LT.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
c:\pwork\pwork\shhdm\08316114\06xxxx	shhdm	DRAWN - DMS	REVISED -			510	(120)T	HANCOCK	28	16	
		CHECKED -	REVISED -			CONTRACT NO. 72F 73		ILLINOIS FED. AID PROJECT			
Default	PLOT DATE * Jan-07-2013 10:22:25AM	DATE -	REVISED -			SCALE: _____	SHEET 5	OF 17 SHEETS	STA. _____	TO STA. _____	



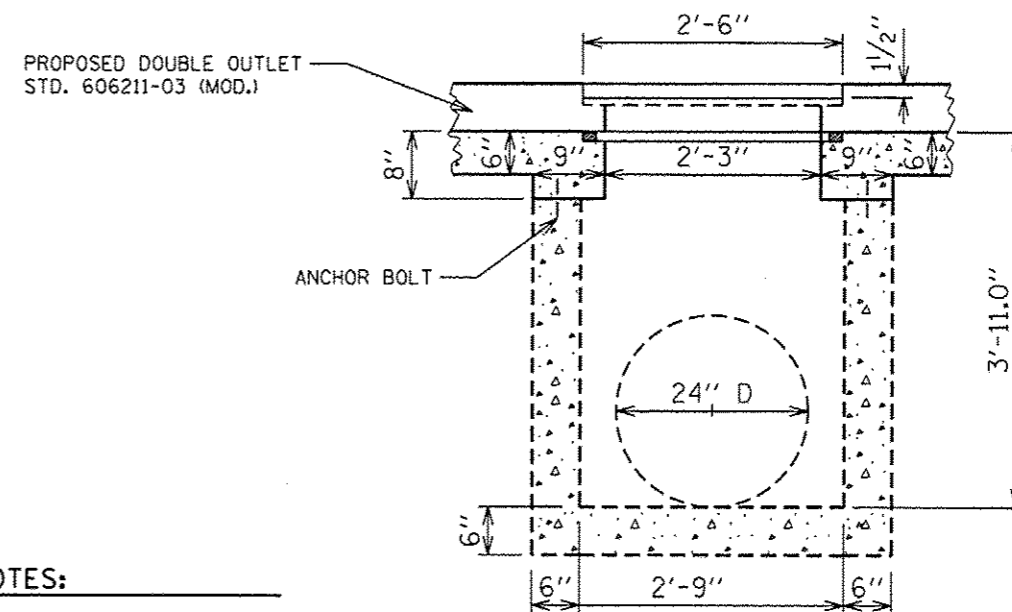
EXISTING SECTION THROUGH CENTERLINE



PROPOSED SECTION THROUGH CENTERLINE



EXISTING CROSS-SECTIONAL VIEW



PROPOSED CROSS-SECTIONAL VIEW

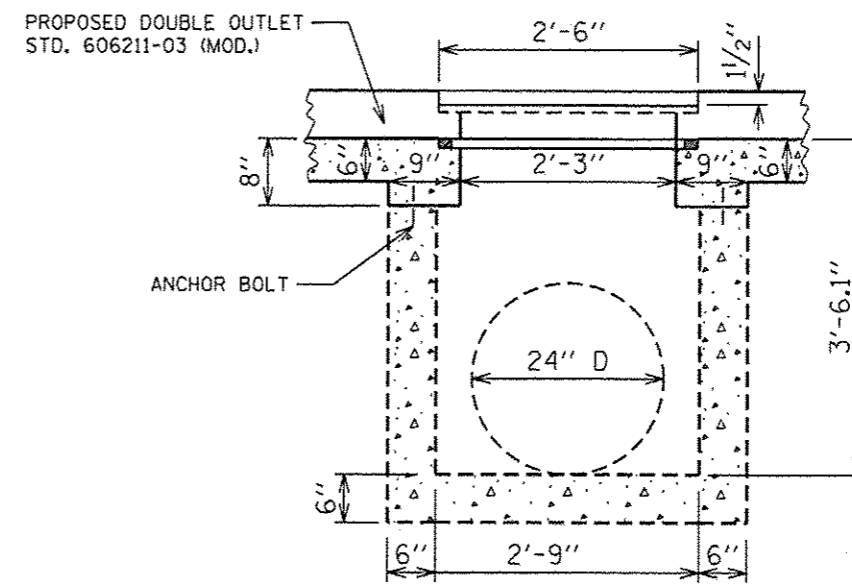
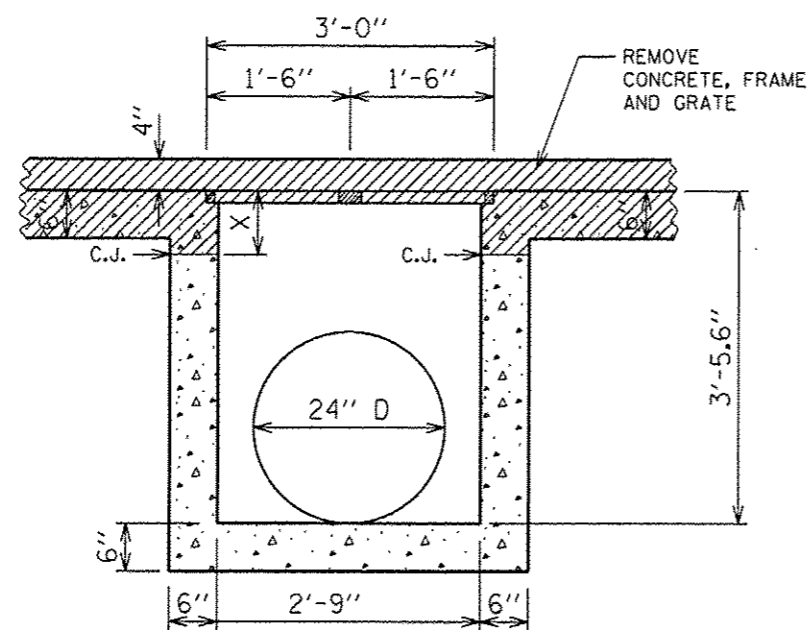
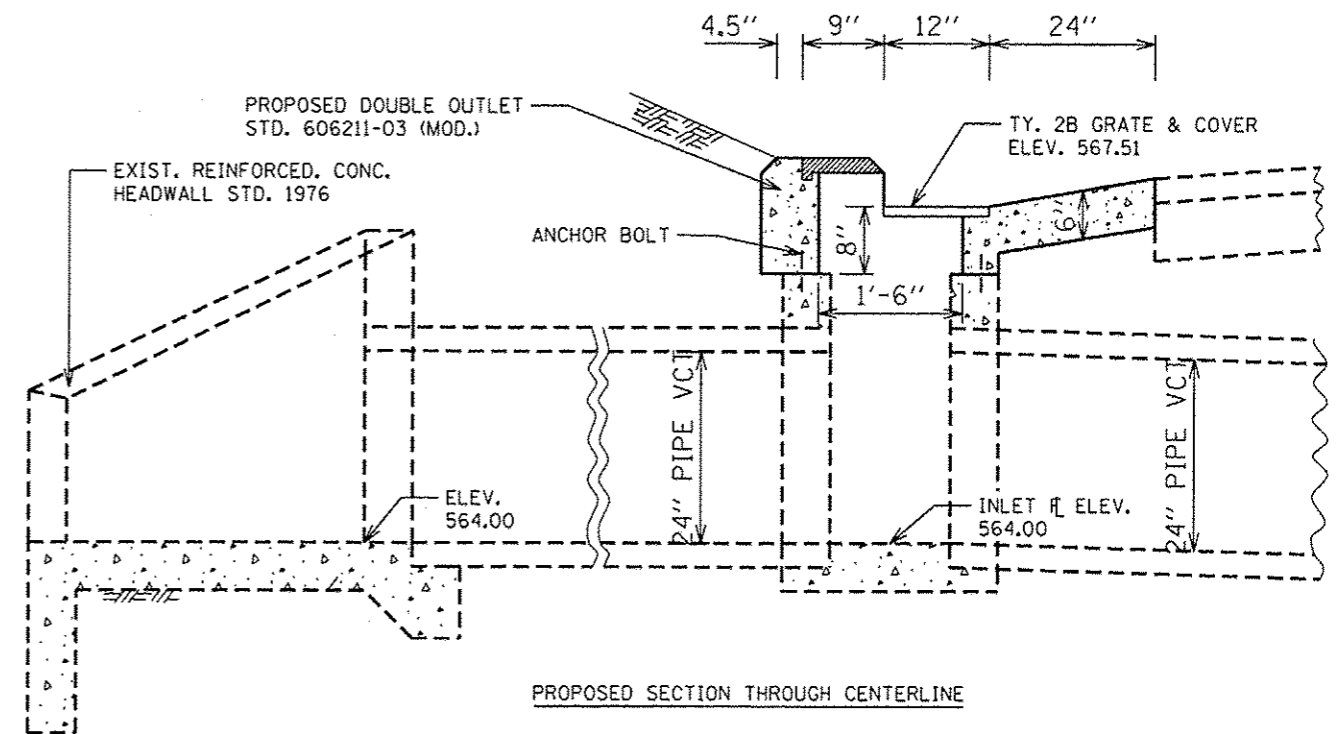
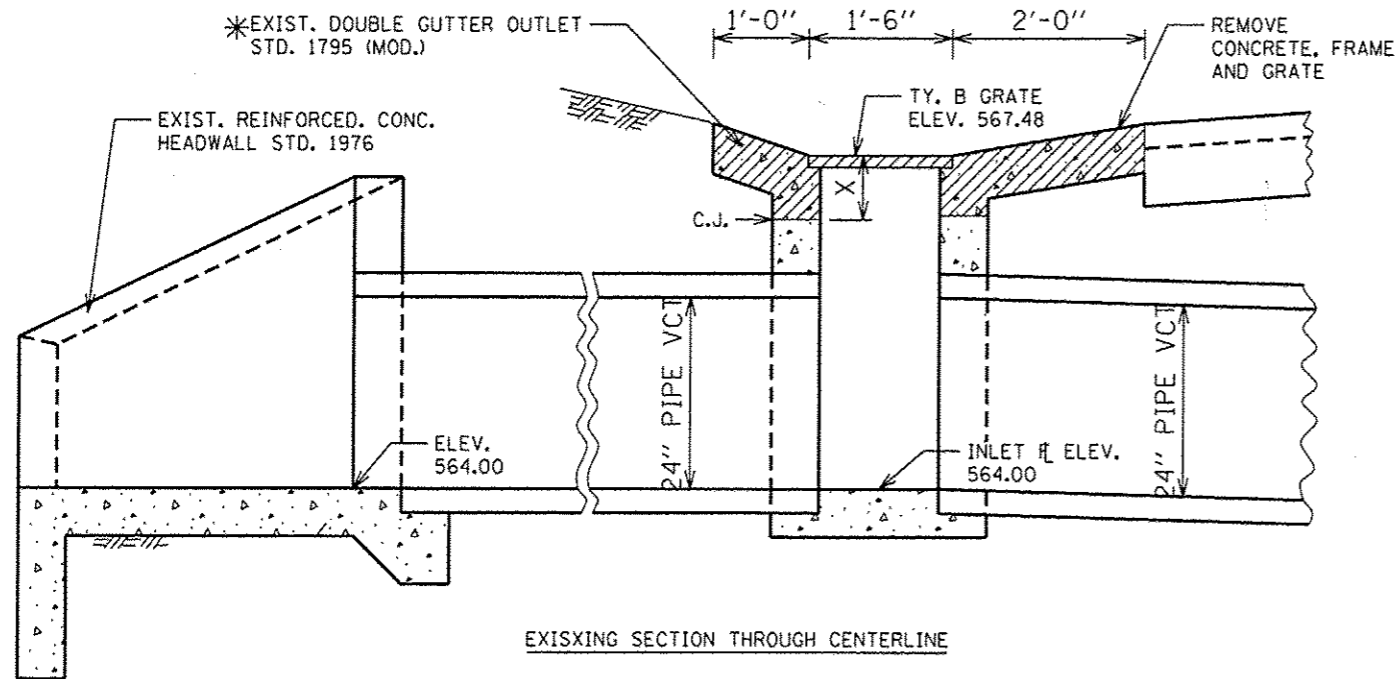
NOTES:

REMOVE EXISTING 26.5' OF TYPE B GUTTER. SEE PLAN VIEW ON SHEET NO. 12

- * ONLY DEPTH OF THE INLET WAS MODIFIED
- C.J. - CONSTRUCTION JOINT
- X - VARIES BY EACH LOCATION

NOTES:

CONSTRUCT DOUBLE OUTLET TYPE B GUTTER (SECTION C-C & D-D), SEE SHEET NO. 13



NOTES:

CONSTRUCT DOUBLE OUTLET TYPE B GUTTER (SECTION C-C & D-D). SEE SHEET NO. 13

NOTES:

REMOVE EXISTING 26.5' OF TYPE B GUTTER. SEE PLAN VIEW ON SHEET NO. 12

* ONLY DEPTH OF THE INLET WAS MODIFIED

C.J. - CONSTRUCTION JOINT

X - VARIES BY EACH LOCATION

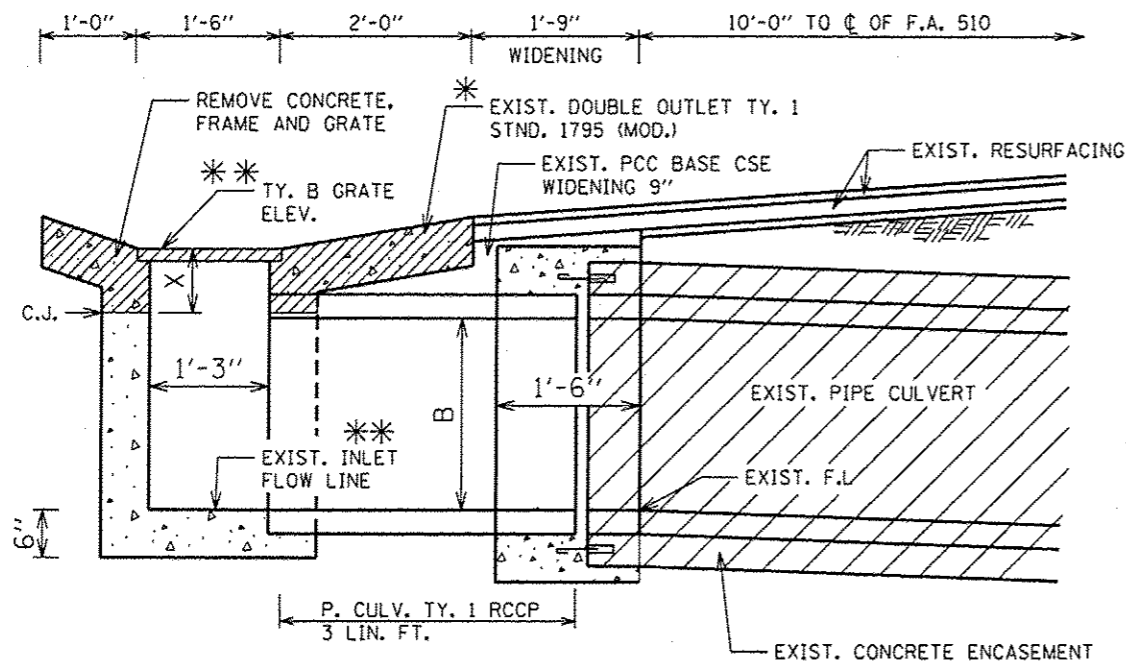
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURE DETAILS
STA. 915+90 (LT.)

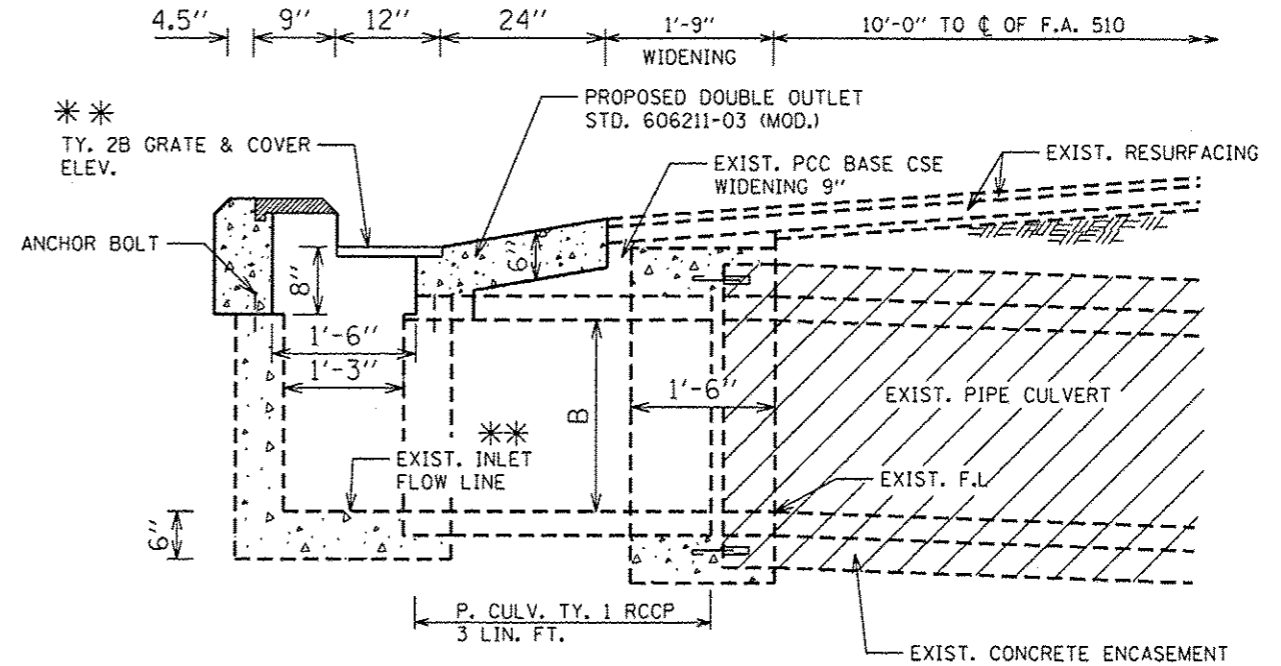
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
510	(120)T	HANCOCK	28	18
CONTRACT NO. 72F73				
ILLINOIS FED. AID PROJECT				

FILE NAME *	USER NAME *	DESIGNED -	REVISED -
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Default			

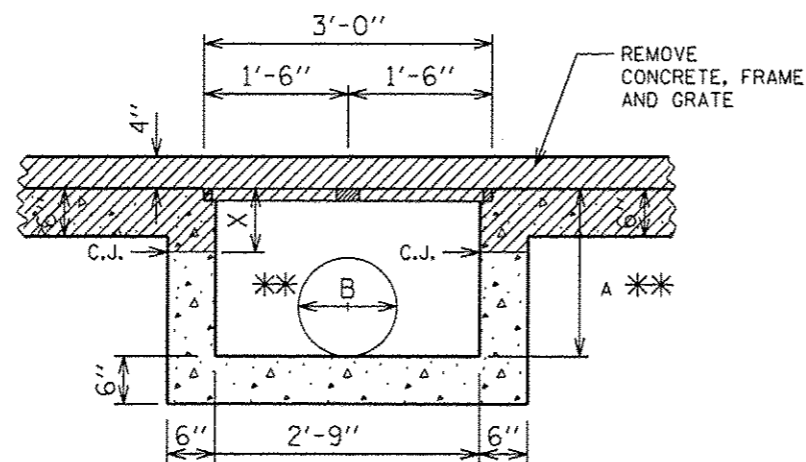
SCALE: SHEET 7 OF 17 SHEETS STA. TO STA.



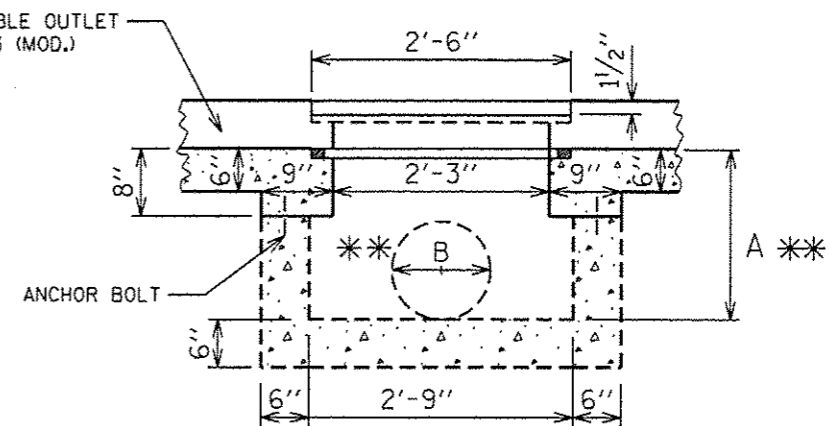
EXISTING SECTION THROUGH CENTERLINE



PROPOSED SECTION THROUGH CENTERLINE



EXISTING CROSS-SECTIONAL VIEW



PROPOSED CROSS-SECTIONAL VIEW

NOTES:

REMOVE EXISTING 26.5' OF TYPE B GUTTER. SEE PLAN VIEW ON SHEET NO. 12

* ONLY DEPTH OF THE INLET WAS MODIFIED

C.J. - CONSTRUCTION JOINT

X - VARIES BY EACH LOCATION

**

ITEM	LT 711+75	LT 719+35	LT 793+10	LT 921+57	LT 1001+99	LT 1048+34
PIPE DIAMETER (B)	24"	24"	18"	24"	18"	18"
DEPTH OF INLET (A)	3.70'	3.10'	3.80'	3.66'	2.91'	3.17'
EXIST. INLET F.L.	-	-	-	569.10	522.56	523.92
EXIST. GRATE ELEV.	-	-	-	572.76	525.47	527.09

NOTES:

CONSTRUCT DOUBLE OUTLET TYPE B GUTTER (SECTION C-C & D-D), SEE SHEET NO. 13

**

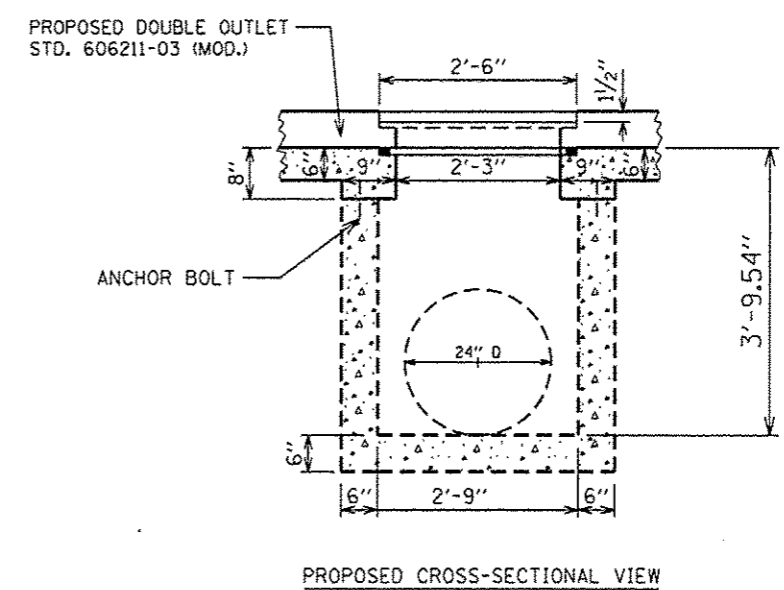
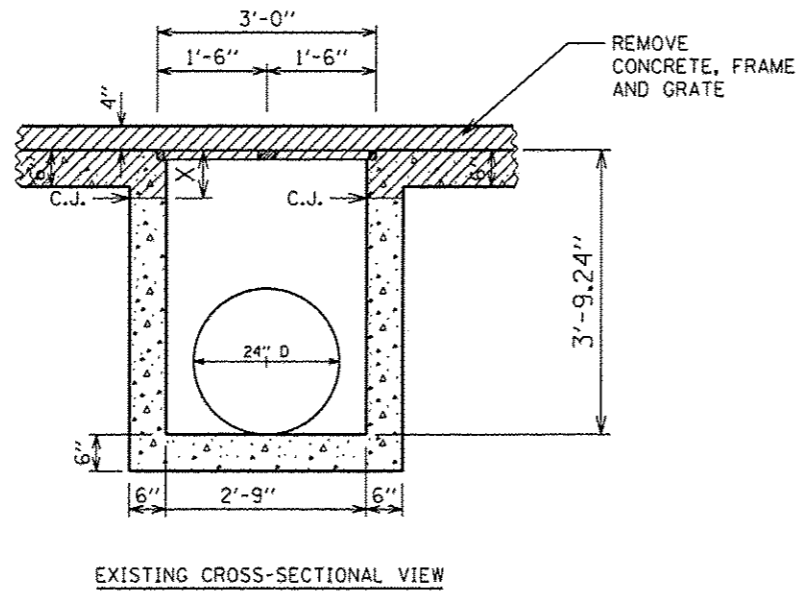
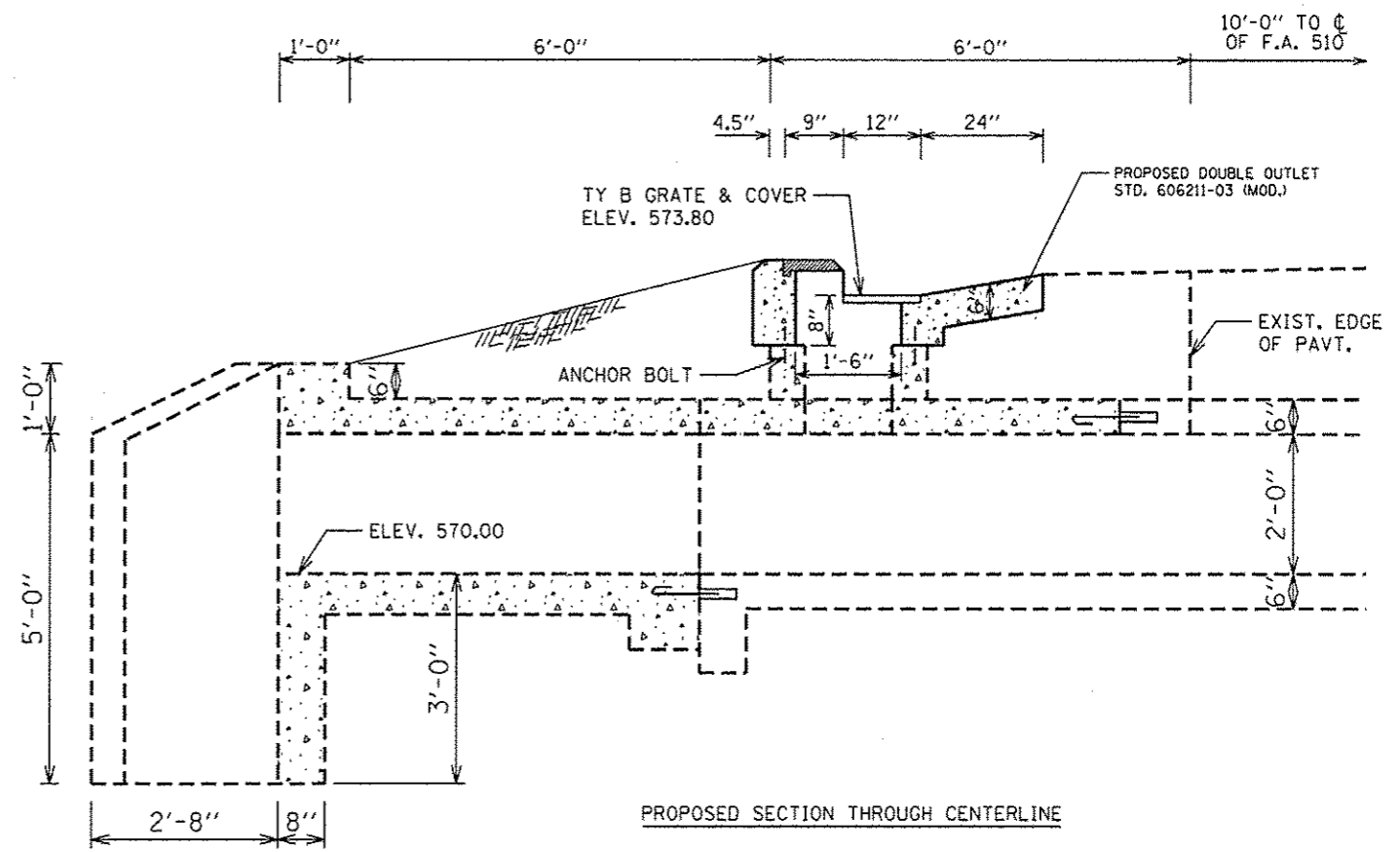
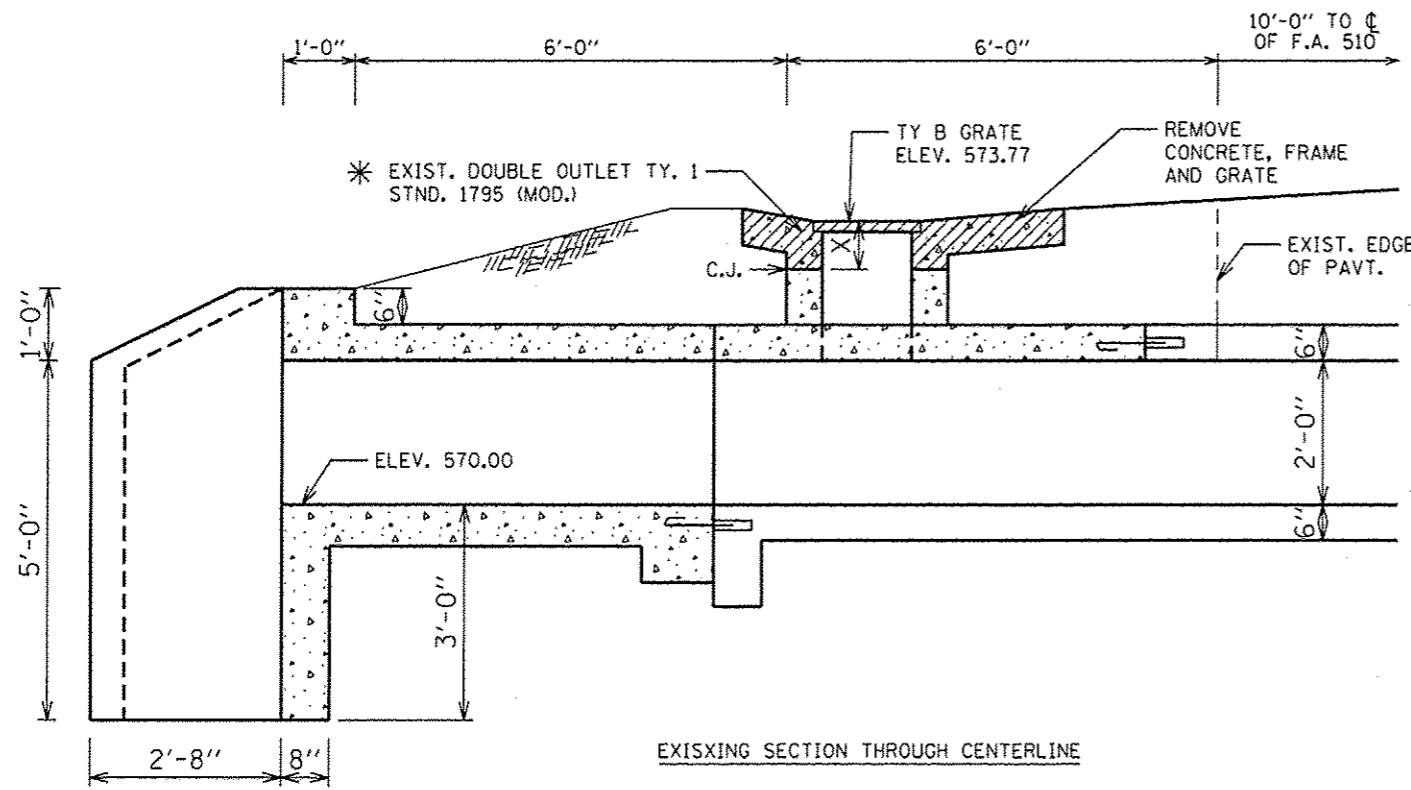
ITEM	LT 711+75	LT 719+35	LT 793+10	LT 921+75	LT 1001+88	LT 1048+35
PIPE DIAMETER (B)	24"	24"	18"	24"	18"	18"
DEPTH OF INLET (A)	3.74'	3.14'	3.84'	3.70'	2.95'	3.21'
EXIST. INLET F.L.	-	-	-	569.10	522.56	523.92
PROP. GRATE ELEV.	-	-	-	572.80	525.51	527.13

FILE NAME *	USER NAME = shahdm	DESIGNED -	REVISED -
ct\pwwork\pwwork\shahdm\8316114\06xxxx	shh\ssshLdgn	DRAWN - DMS	REVISED -
PLOT SCALE = 48.0000' / in.		CHECKED -	REVISED -
PLOT DATE = Nov-28-2012 10:03:32AM		DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURE DETAILS
VARIOUS STATIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
510	(1201)	HANCOCK	28	19
CONTRACT NO. 72F73				
SCALE:	SHEET 8	OF 17 SHEETS	STA.	TO STA.
ILLINOIS FED. AID PROJECT				



NOTES:
 CONSTRUCT DOUBLE OUTLET TYPE B GUTTER (SECTION C-C & D-D). SEE SHEET NO. 13

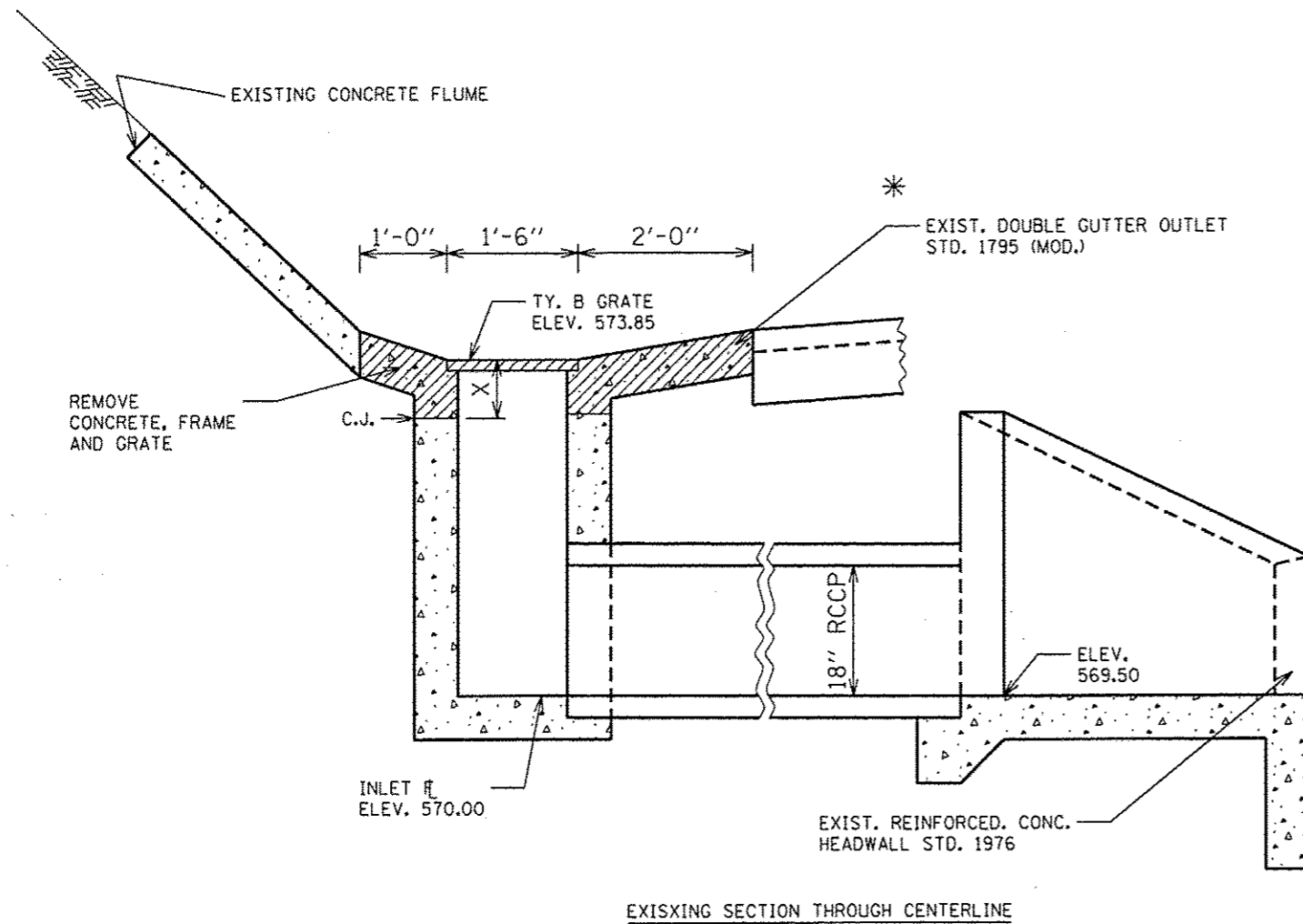
NOTES:
 REMOVE EXISTING 26.5' OF TYPE B GUTTER. SEE PLAN VIEW ON SHEET NO. 12
 * ONLY DEPTH OF THE INLET WAS MODIFIED
 C.J. - CONSTRUCTION JOINT
 X - VARIES BY EACH LOCATION

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

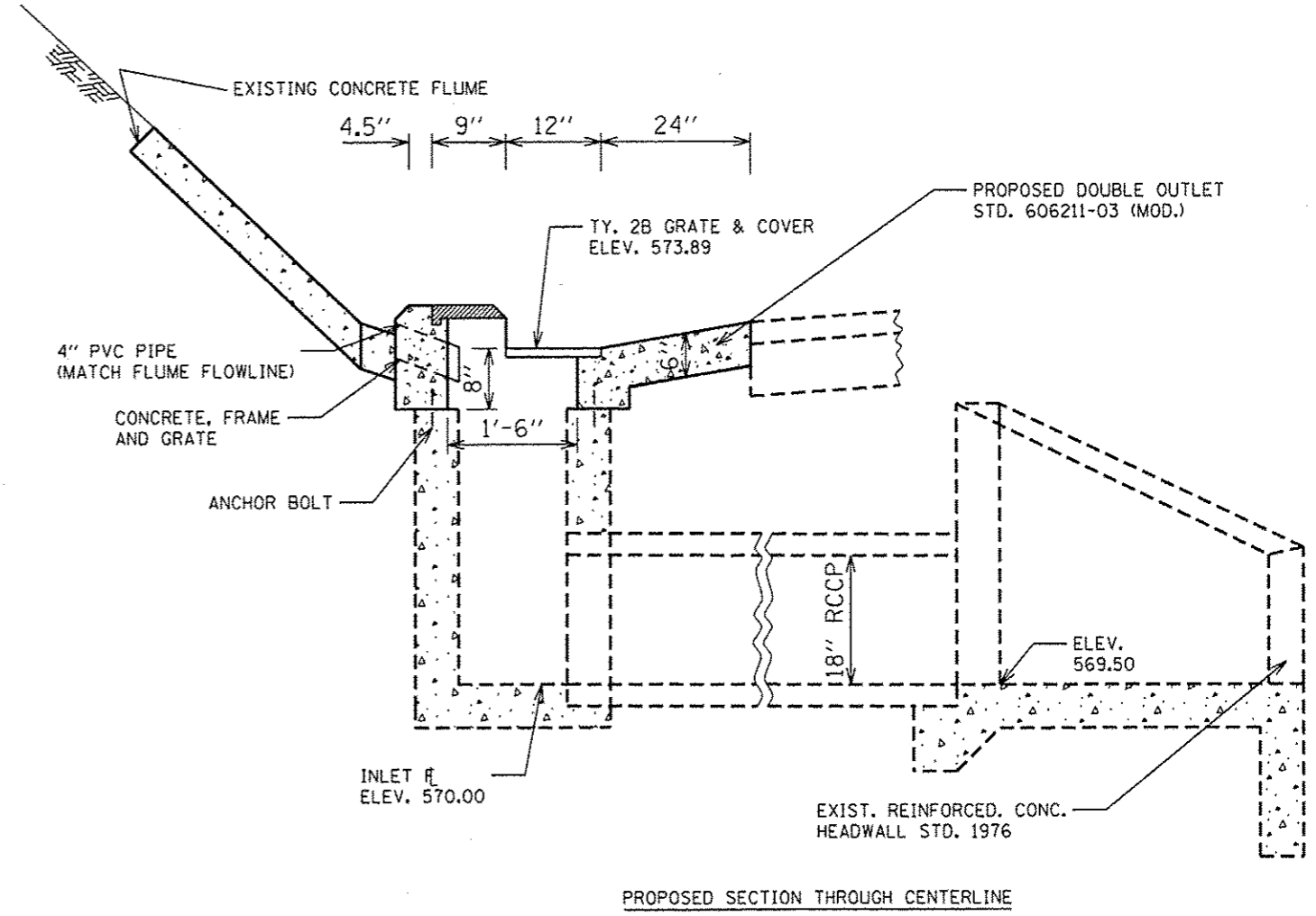
DRAINAGE STRUCTURE DETAILS
 STA. 923+75 (LT.)

FILE NAME *	USER NAME * shohdm	DESIGNED -	REVISED -
ei\p\work\p\p\shohdm\2316114\06\shohdm.dgn	shohdm	DRAWN - DMS	REVISED -
PLOT SCALE * 40.0000 1/16"		CHECKED -	REVISED -
PLOT DATE * Nov-28-2012 10:03:37AM		DATE -	REVISED -

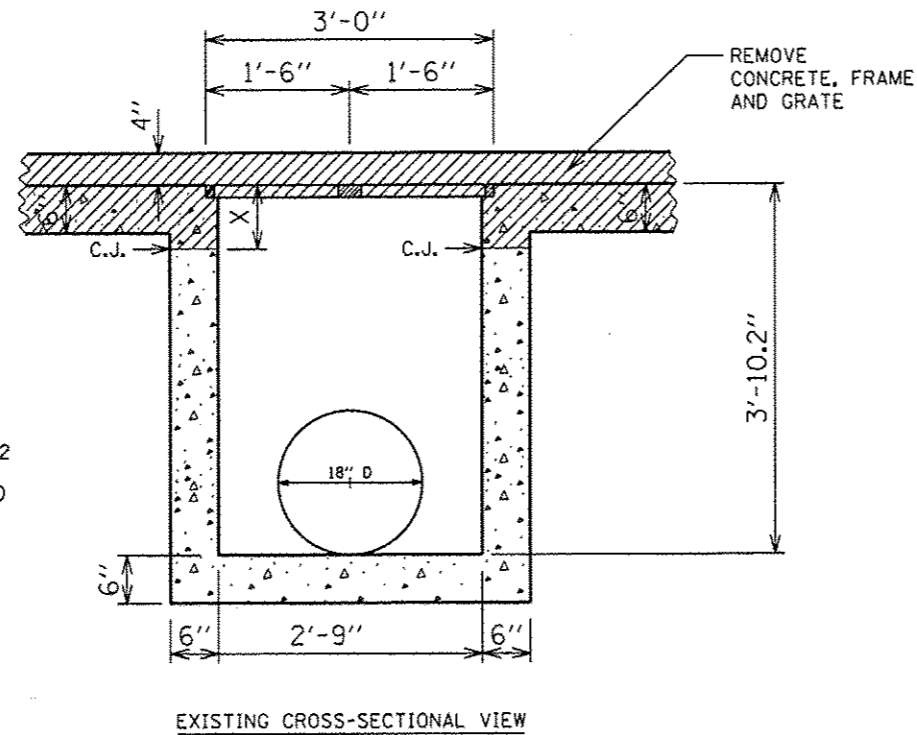
SCALE:	SHEET 9 OF 17 SHEETS	STA. TO STA.	F.A.P. RTE. S10	SECTION (120)T	COUNTY HANCOCK	TOTAL SHEETS 28	SHEET NO. 20
							CONTRACT NO. 72F73
ILLINOIS FED. AID PROJECT							



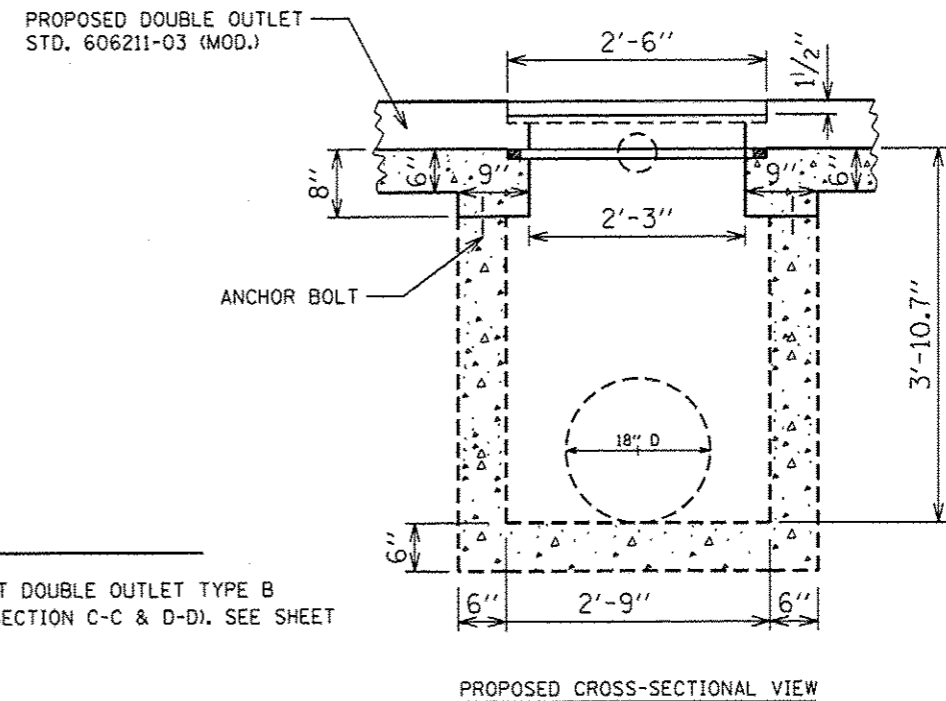
EXISTING SECTION THROUGH CENTERLINE



PROPOSED SECTION THROUGH CENTERLINE



EXISTING CROSS-SECTIONAL VIEW



PROPOSED CROSS-SECTIONAL VIEW

NOTES:

REMOVE EXISTING 26.5' OF TYPE B GUTTER. SEE PLAN VIEW ON SHEET NO. 12

- * ONLY DEPTH OF THE INLET WAS MODIFIED
- C.J. - CONSTRUCTION JOINT
- X - VARIES BY EACH LOCATION

NOTES:

CONSTRUCT DOUBLE OUTLET TYPE B GUTTER (SECTION C-C & D-D). SEE SHEET NO. 13

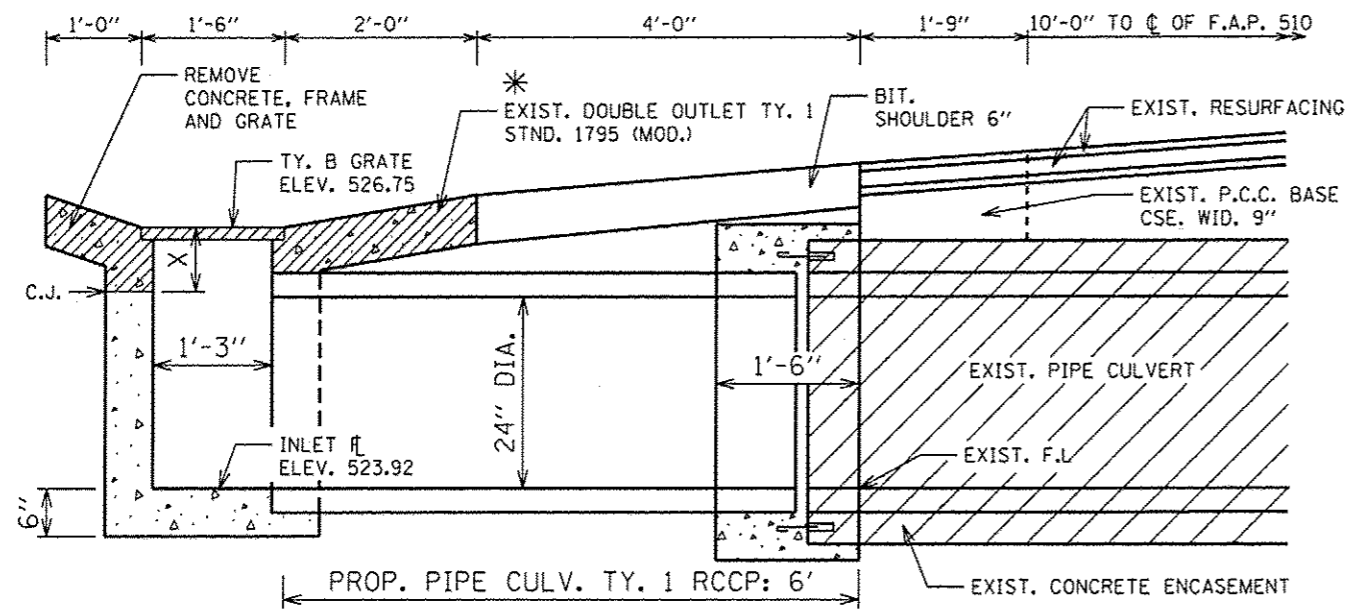
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	PLOT SCALE * 1/8" = 1'-0"	CHECKED -	REVISED -
Default	PLOT DATE * Jan-07-2013 10:36:51AM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

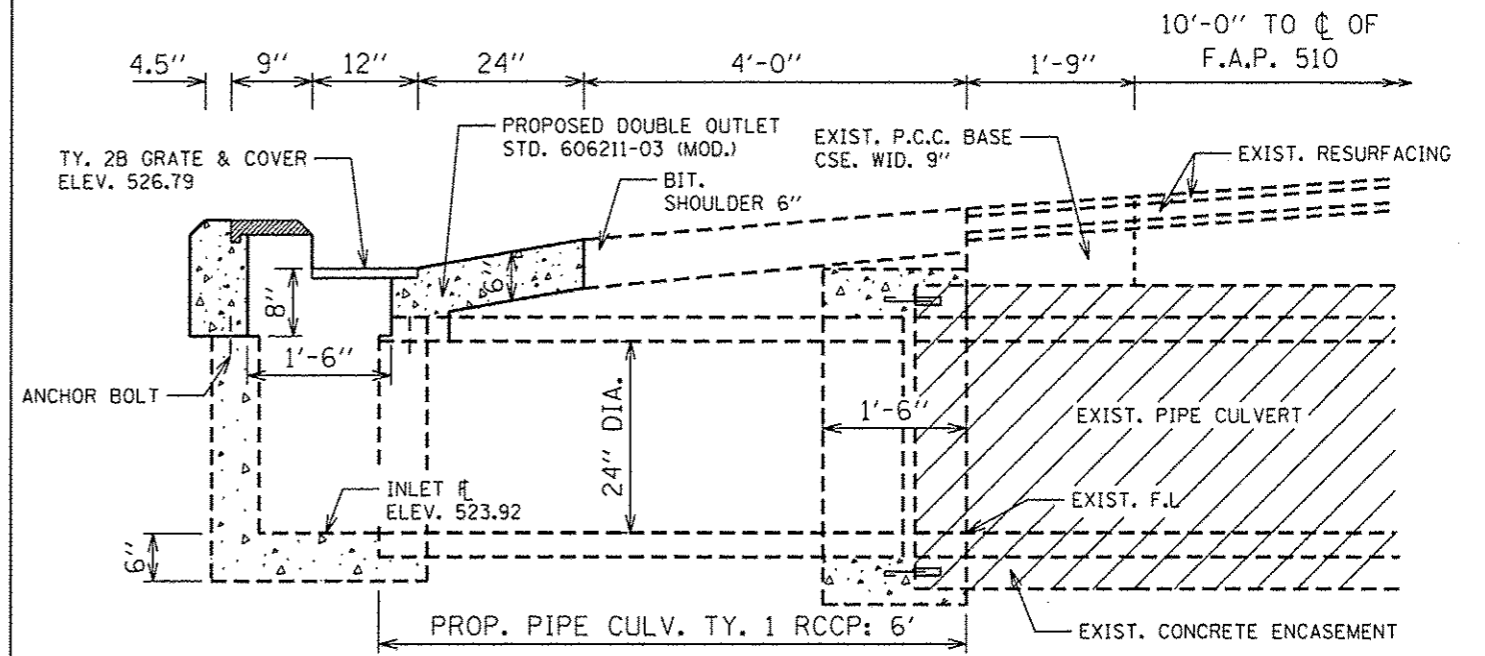
DRAINAGE STRUCTURE DETAILS
STA. 925 + 50 (LT.)

SCALE: SHEET 10 OF 17 SHEETS STA. TO STA.

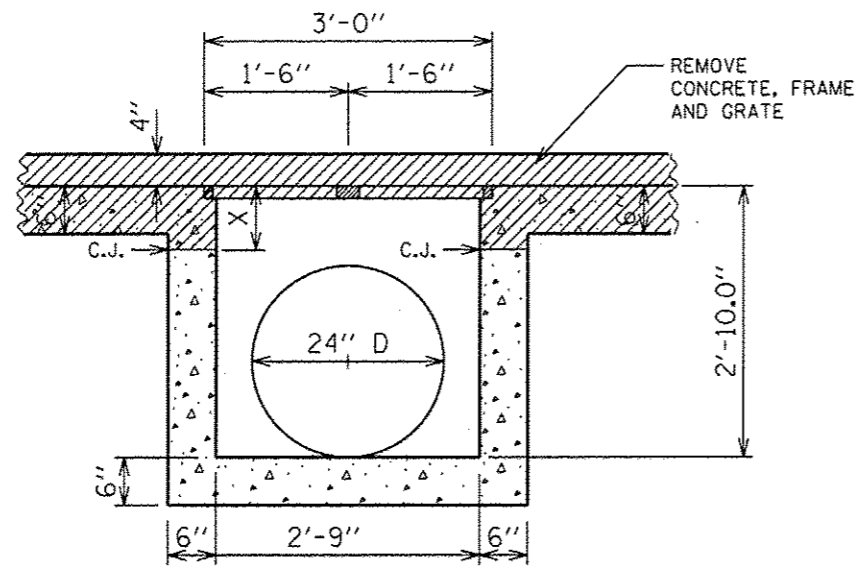
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
510	(1201T)	HANCOCK	28	21
CONTRACT NO. 72F73				
ILLINOIS FED. AID PROJECT				



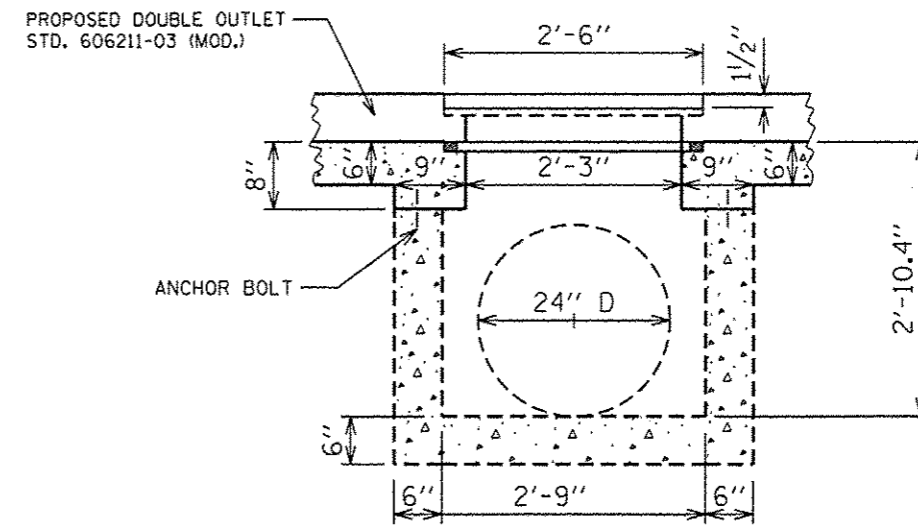
EXISTING SECTION THROUGH CENTERLINE



PROPOSED SECTION THROUGH CENTERLINE



EXISTING CROSS-SECTIONAL VIEW



PROPOSED CROSS-SECTIONAL VIEW

NOTES:

REMOVE EXISTING 26.5' OF TYPE B GUTTER. SEE PLAN VIEW ON SHEET NO. 12

* ONLY DEPTH OF THE INLET WAS MODIFIED

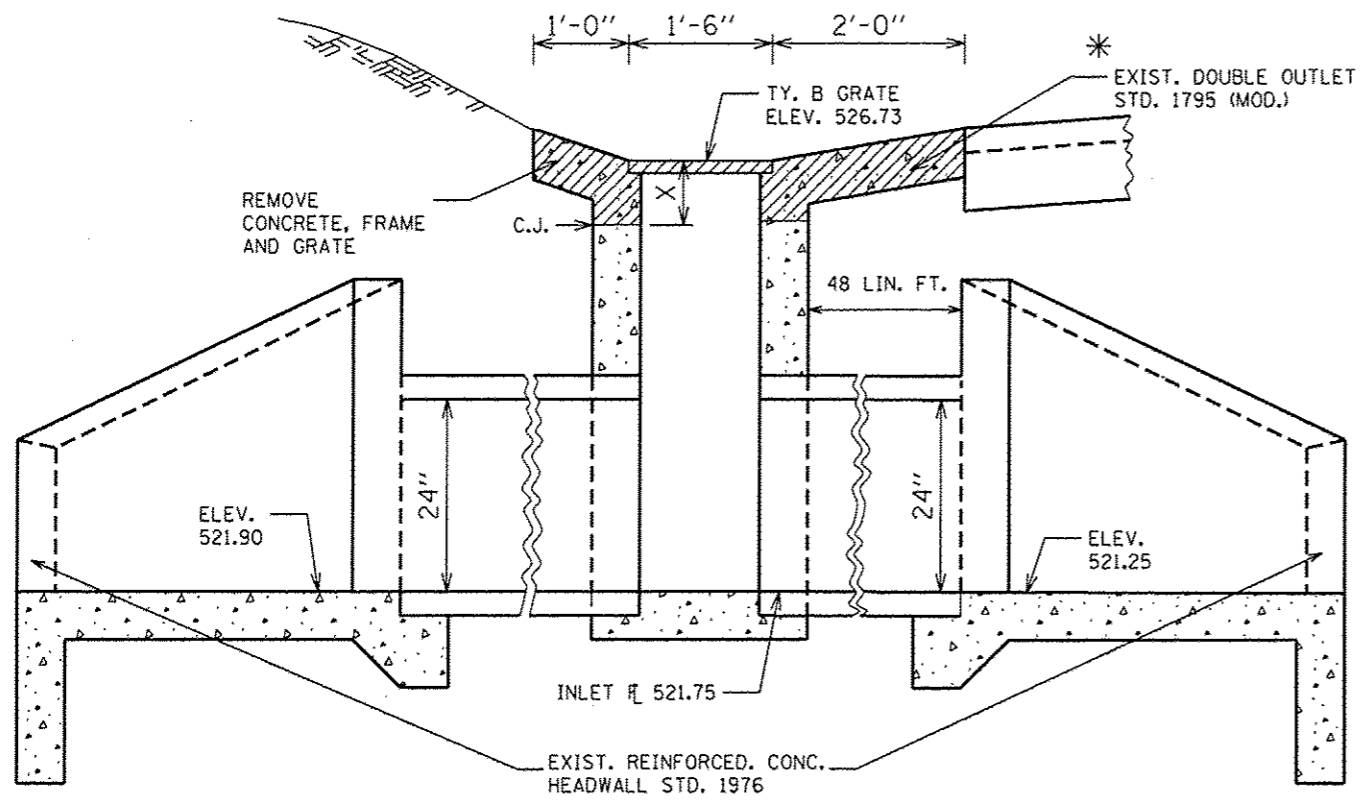
C.J. - CONSTRUCTION JOINT

X - VARIES BY EACH LOCATION

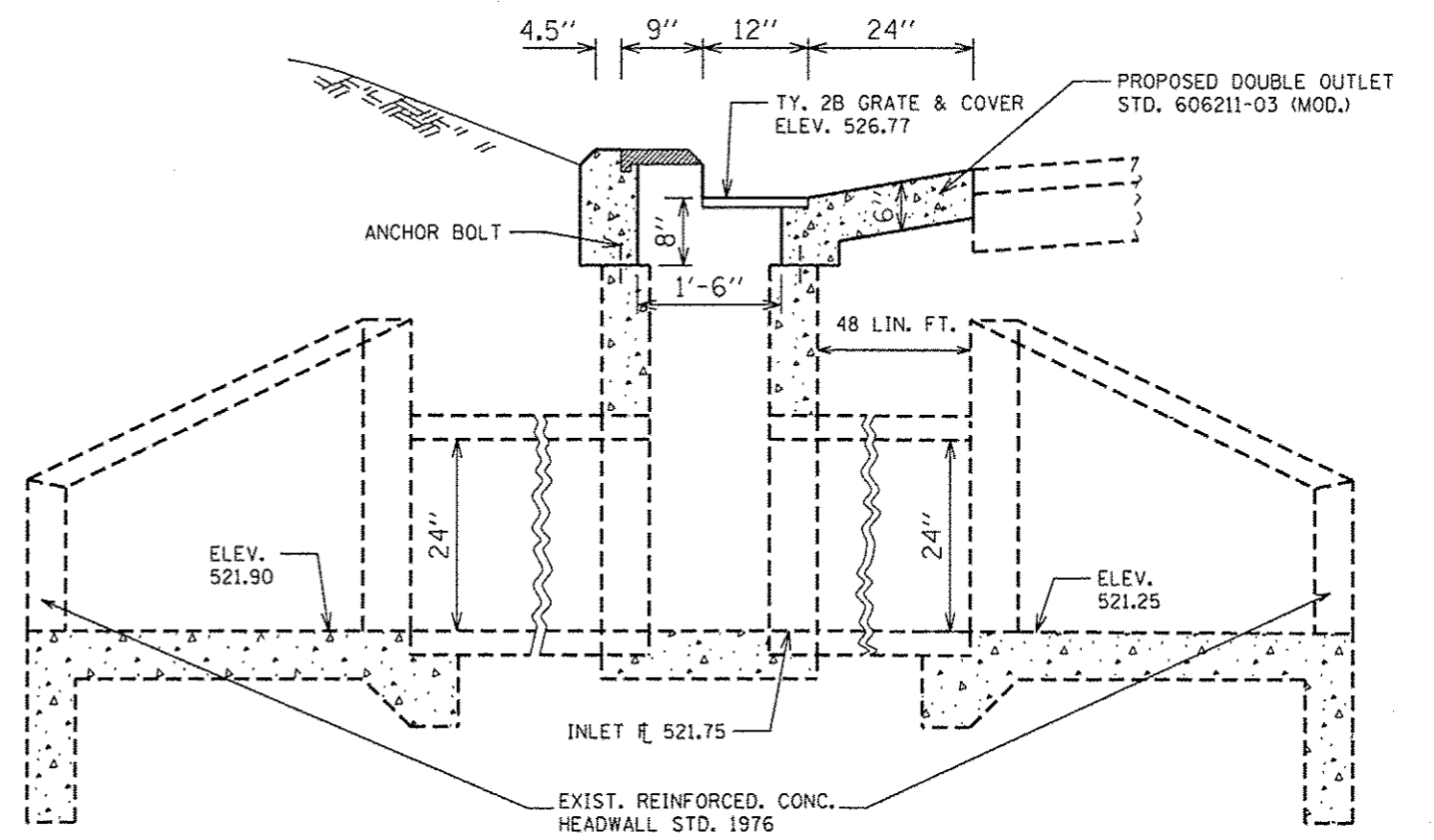
NOTES:

CONSTRUCT DOUBLE OUTLET TYPE B GUTTER (SECTION C-C & D-D). SEE SHEET NO. 13

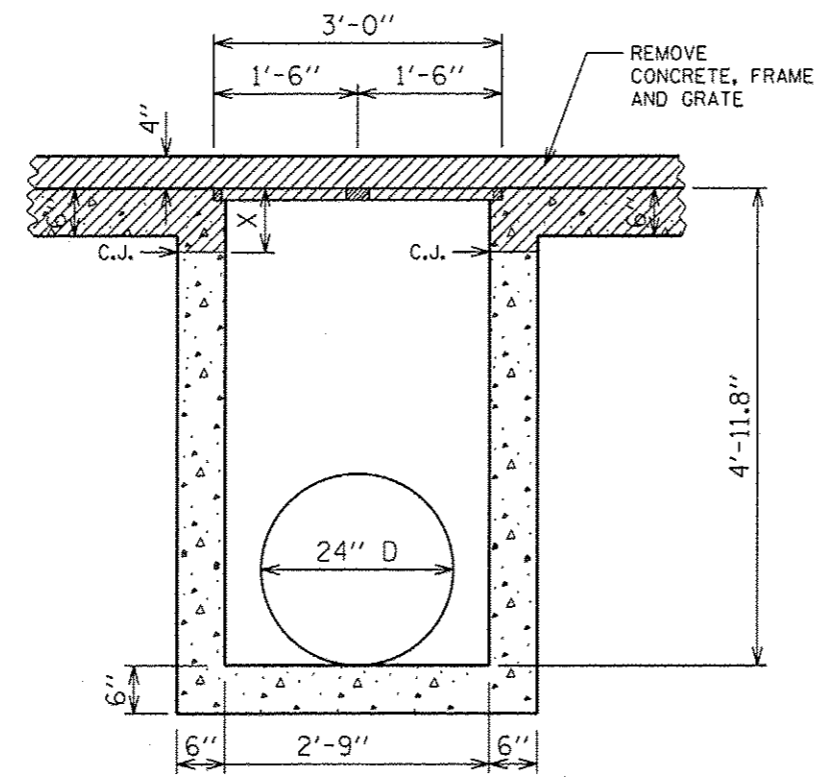
FILE NAME *	USER NAME * ahhdm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE STRUCTURE DETAILS STA. 947 + 95 (LT.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
or\pwwork\pwwork\ahhdm\0316114\06xxxx	shh-xashldgn	DRAWN - DMS	REVISED -			510	(120)T	HANCOCK	28	22	
PLOT SCALE * 48.0000 / 1/32		CHECKED -	REVISED -			CONTRACT NO. T2F73					
Default	PLOT DATE * Nov-29-2012 10:03:49AM	DATE -	REVISED -			SCALE:	SHEET 11	OF 17 SHEETS	STA.	TO STA.	[ILLINOIS] FED. AID PROJECT



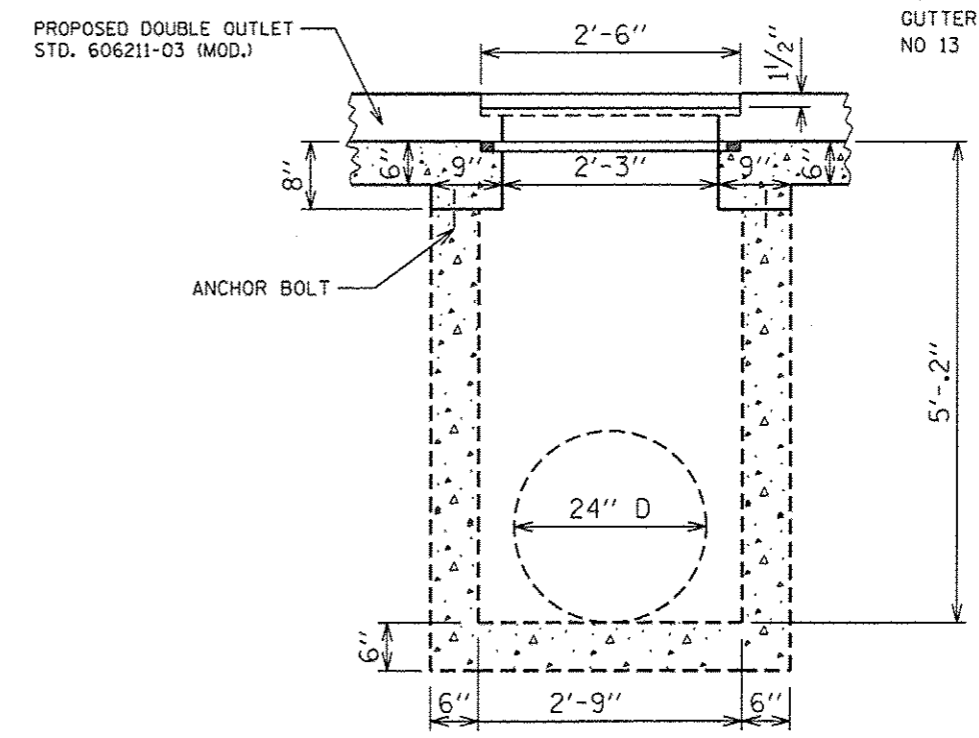
EXISTING SECTION THROUGH CENTERLINE



PROPOSED SECTION THROUGH CENTERLINE



EXISTING CROSS-SECTIONAL VIEW

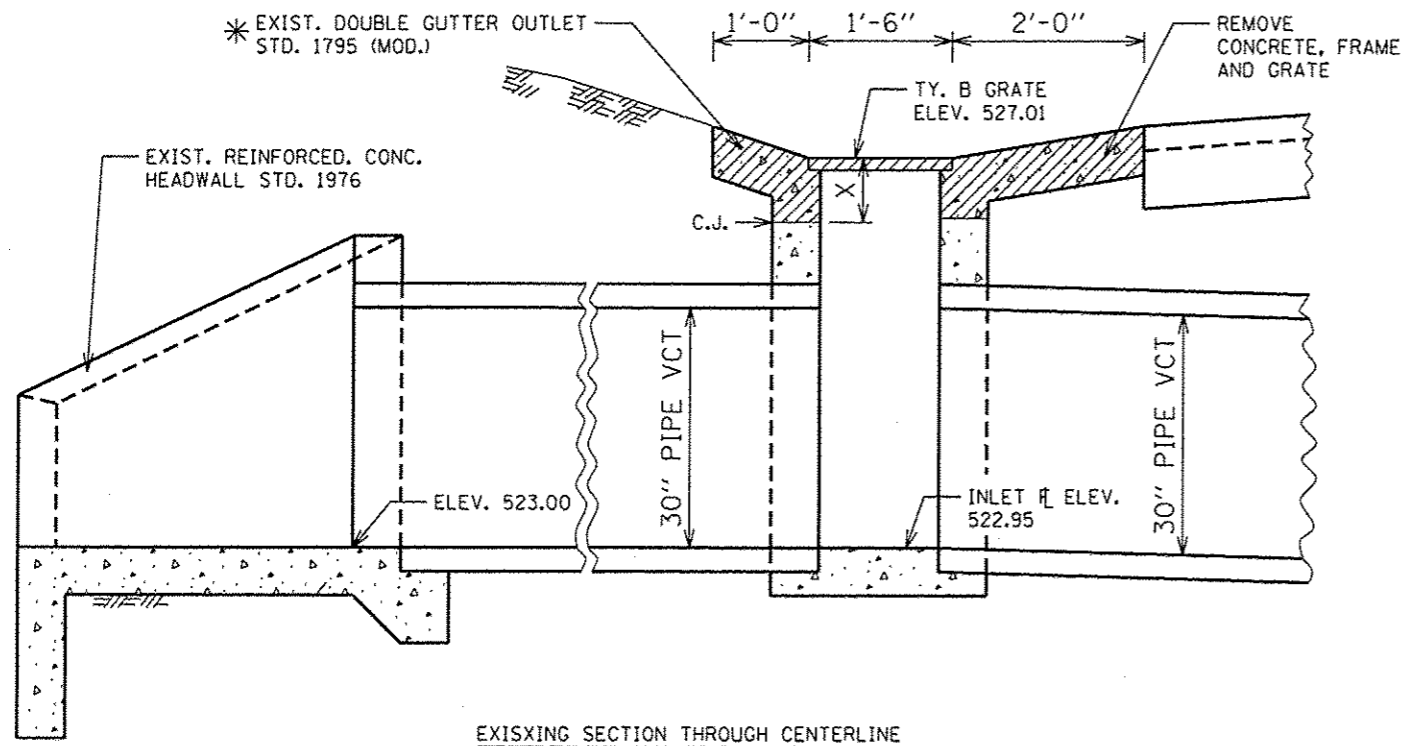


PROPOSED CROSS-SECTIONAL VIEW

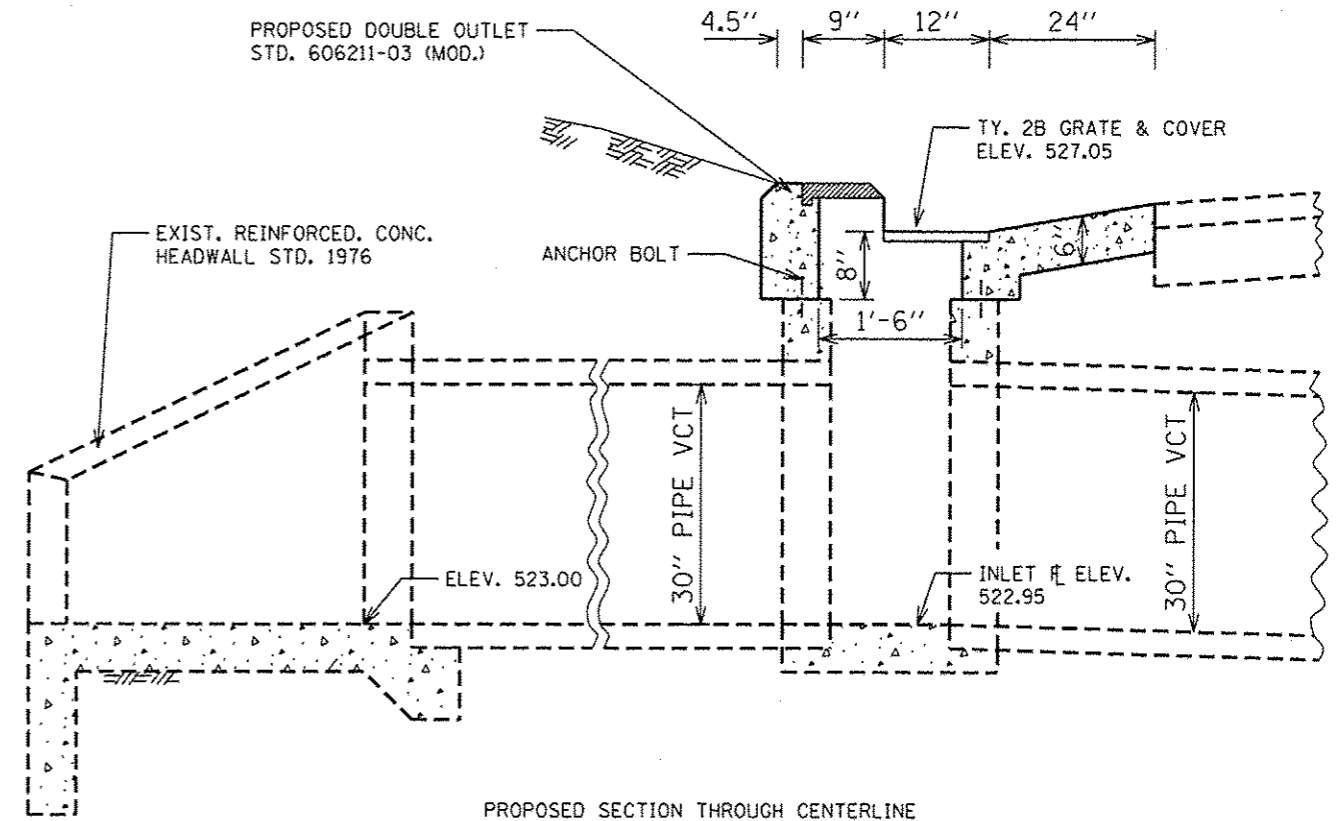
NOTES:
 CONSTRUCT DOUBLE OUTLET TYPE B GUTTER (SECTION C-C & D-D). SEE SHEET NO 13

NOTES:
 REMOVE EXISTING 26.5' OF TYPE B GUTTER. SEE PLAN VIEW ON SHEET NO. 12
 * ONLY DEPTH OF THE INLET WAS MODIFIED
 C.J. - CONSTRUCTION JOINT
 X - VARIES BY EACH LOCATION

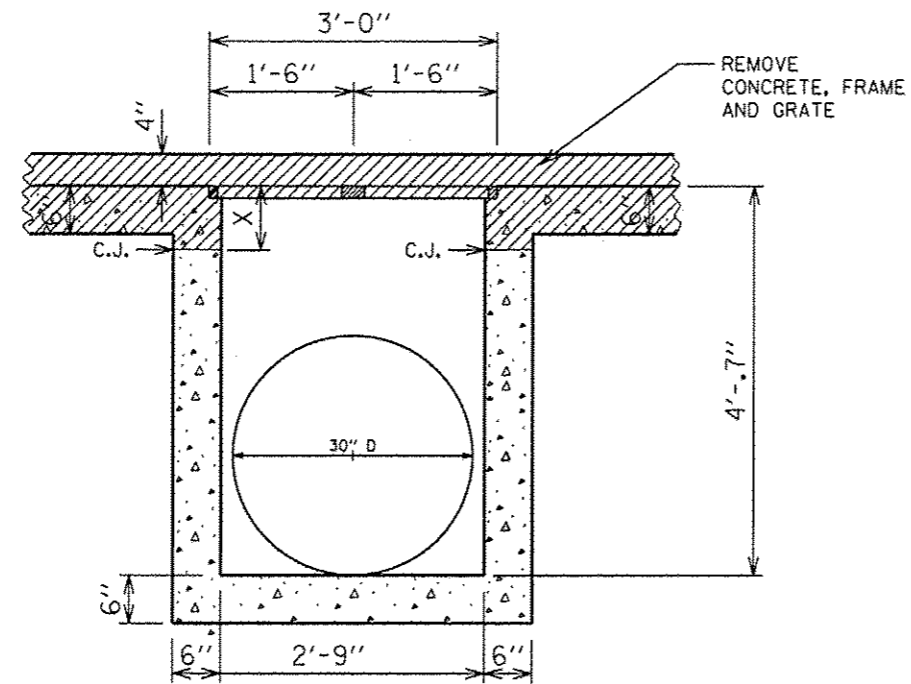
FILE NAME *	USER NAME * shehdm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE STRUCTURE DETAILS STA. 957 + 62 (LT.)			F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
of\work\p\p\dos\shehdm\d2316114\06xxxx\shh\ssht.dgn		DRAWN - DMS	REVISED -		510	(1201T)	HANCOCK	28	23			
Default	PLOT SCALE * 48.0000' / in.	CHECKED -	REVISED -		SCALE: SHEET 12 OF 17 SHEETS STA. TO STA.			CONTRACT NO. 72F73				
	PLOT DATE * Nov-20-2012 10:03:54AM	DATE -	REVISED -		ILLINOIS FED. AID PROJECT							



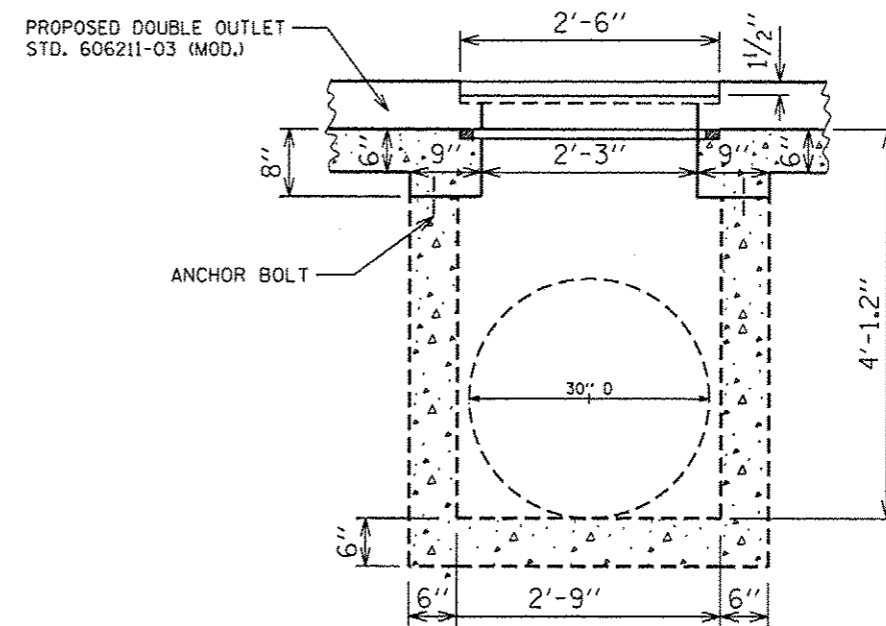
EXISTING SECTION THROUGH CENTERLINE



PROPOSED SECTION THROUGH CENTERLINE



EXISTING CROSS-SECTIONAL VIEW



PROPOSED CROSS-SECTIONAL VIEW

NOTES:

REMOVE EXISTING 26.5' OF TYPE B GUTTER. SEE PLAN VIEW ON SHEET NO. 12

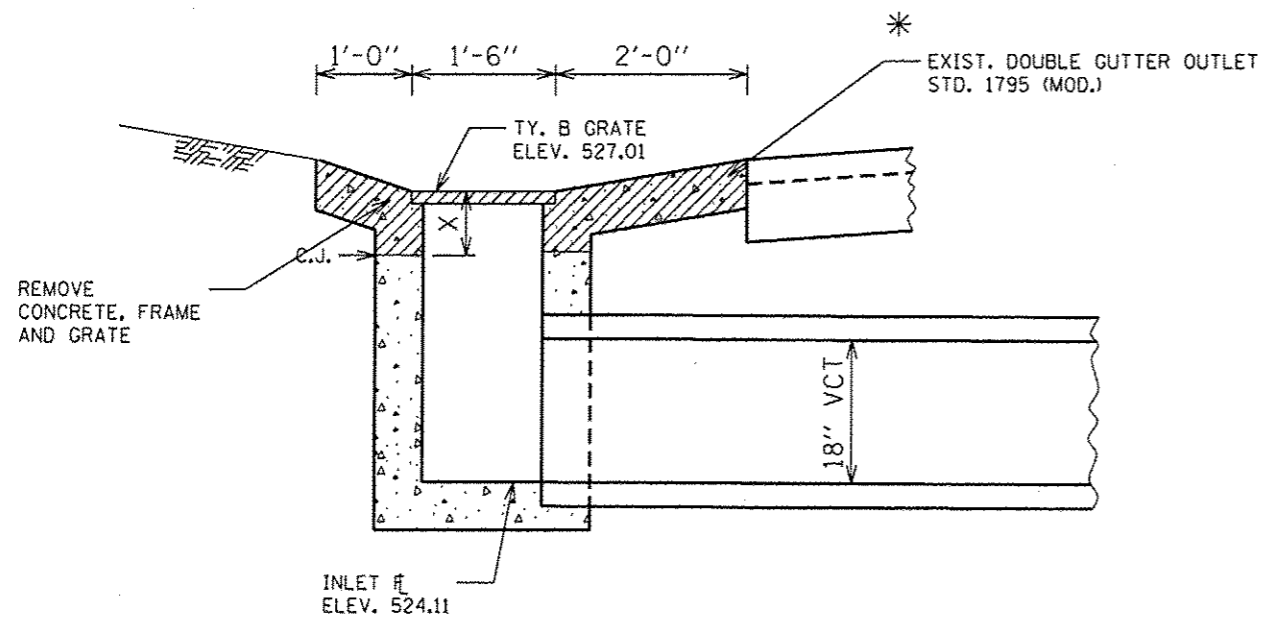
* ONLY DEPTH OF THE INLET WAS MODIFIED

C.J. - CONSTRUCTION JOINT
X - VARIES BY EACH LOCATION

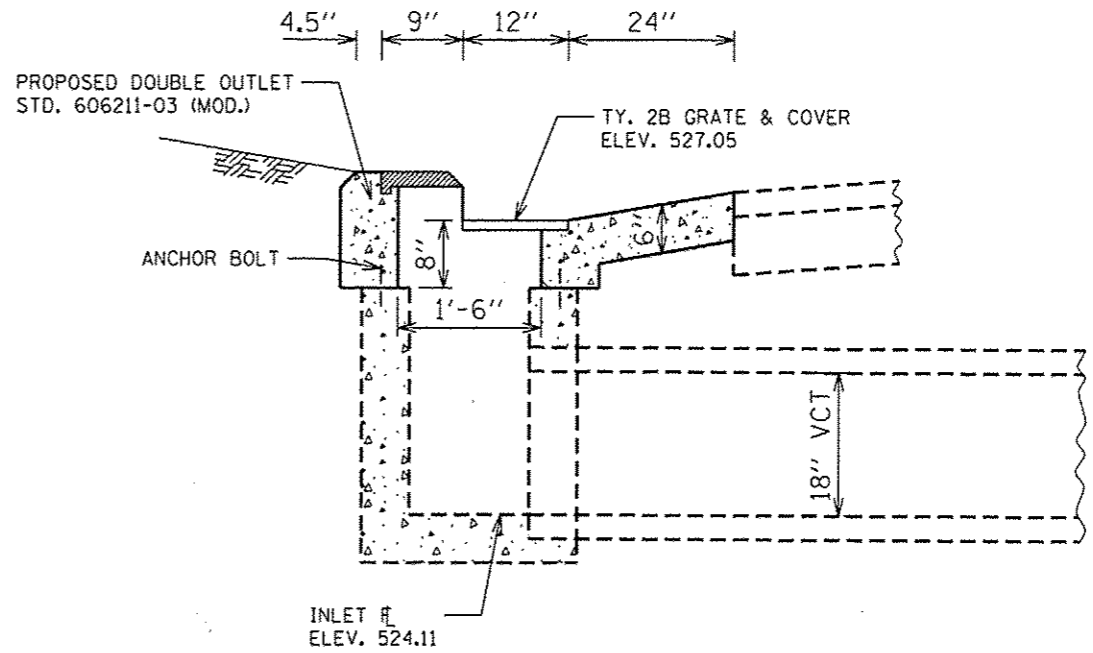
NOTES:

CONSTRUCT DOUBLE OUTLET TYPE B GUTTER (SECTION C-C & D-D). SEE SHEET NO. 13

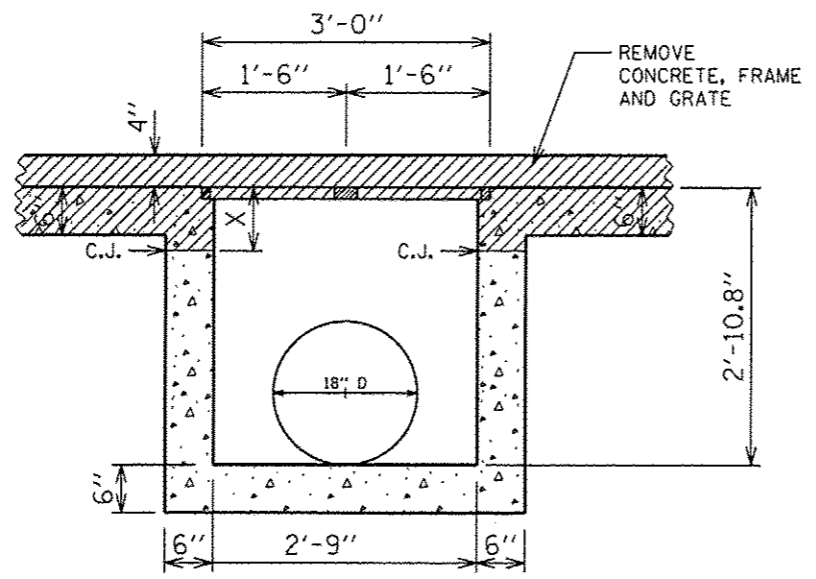
FILE NAME *	USER NAME * shahde	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE STRUCTURE DETAILS STA. 963 + 50 (LT.)	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
Default	Plot Date * Nov-20-2012 10:03:59AM	DRAWN - DMS	REVISED -			510	(120)T	HANCOCK	28	24	
		CHECKED -	REVISED -			CONTRACT NO. 72F73					
		DATE -	REVISED -			ILLINOIS FED. AID PROJECT					



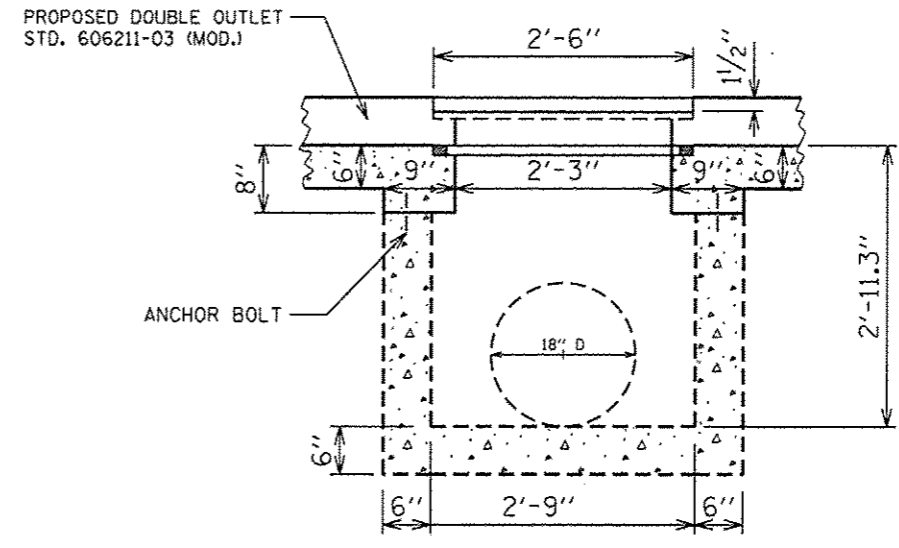
EXISTING SECTION THROUGH CENTERLINE



PROPOSED SECTION THROUGH CENTERLINE



EXISTING CROSS-SECTIONAL VIEW

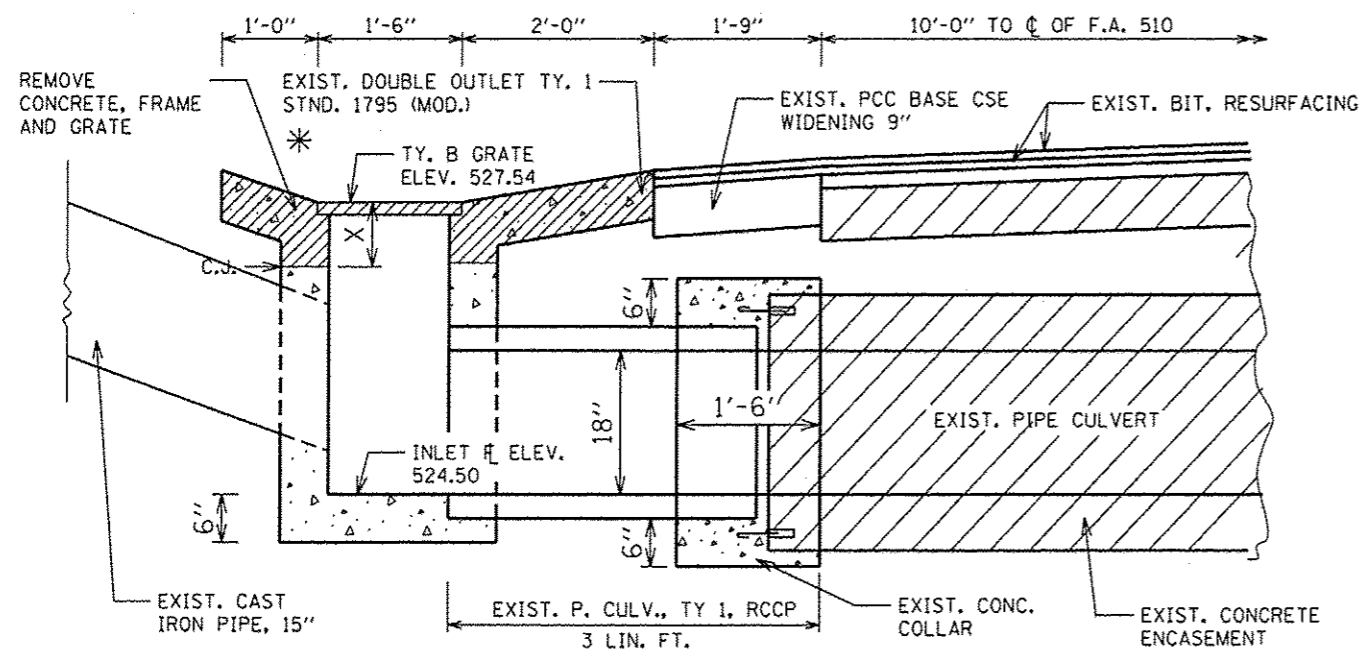


PROPOSED CROSS-SECTIONAL VIEW

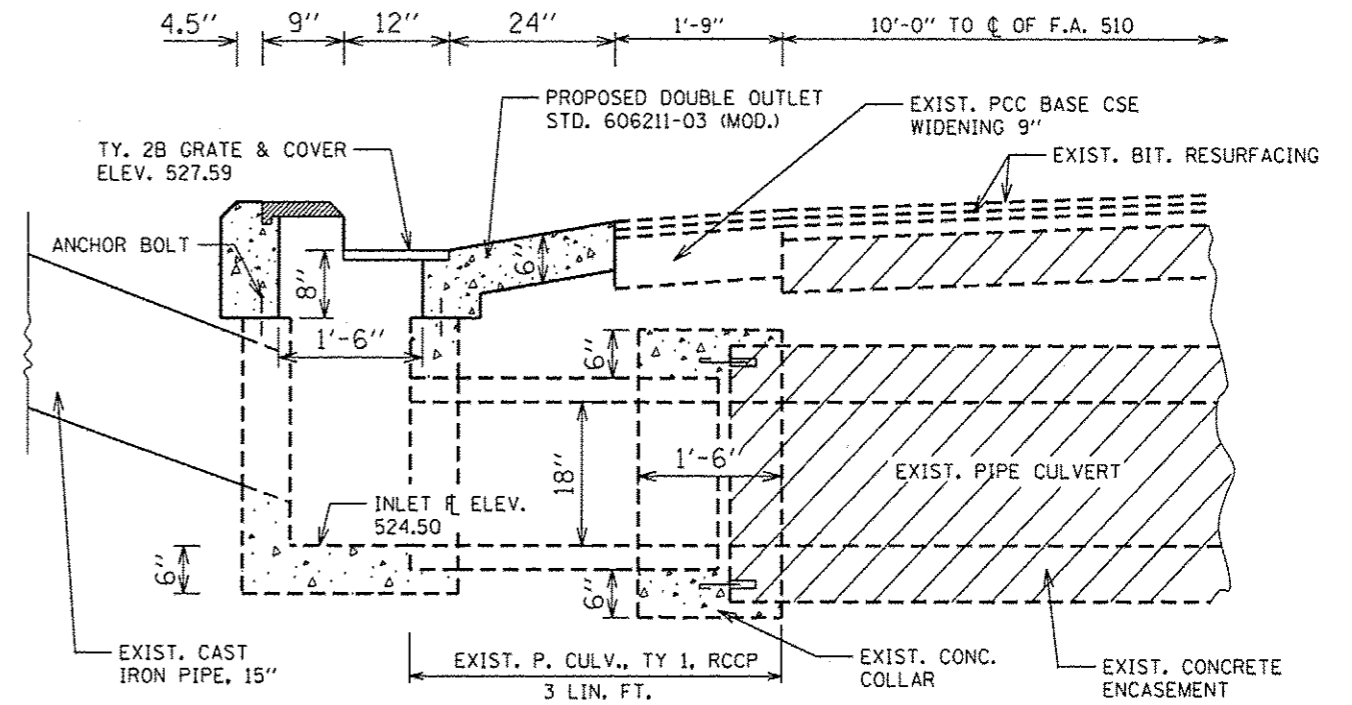
NOTES:
 CONSTRUCT DOUBLE OUTLET TYPE B GUTTER (SECTION C-C & D-D). SEE SHEET NO. 13

NOTES:
 REMOVE EXISTING 26.5' OF TYPE B GUTTER. SEE PLAN VIEW ON SHEET NO. 12
 * ONLY DEPTH OF THE INLET WAS MODIFIED
 C.J. - CONSTRUCTION JOINT
 X - VARIES BY EACH LOCATION

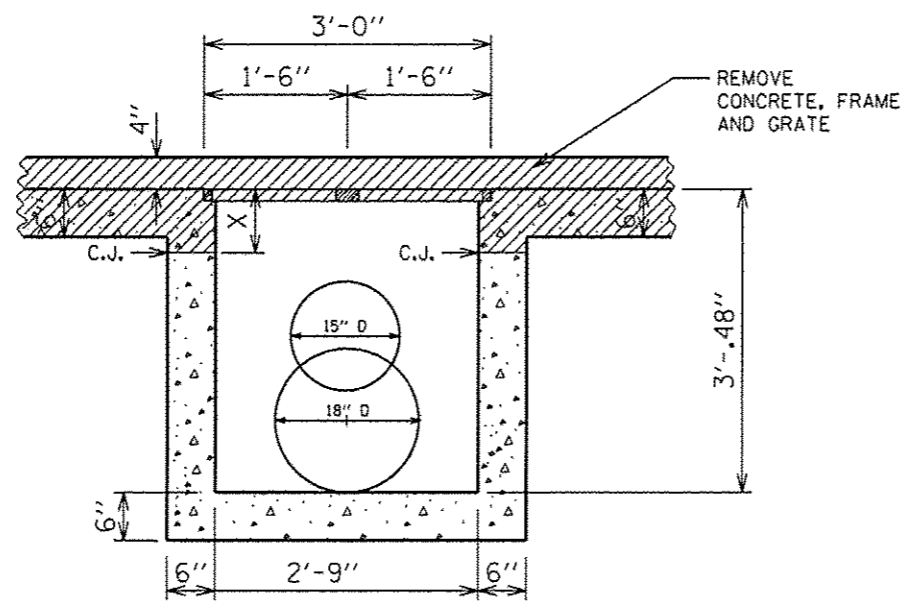
FILE NAME *	USER NAME * shahdm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE STRUCTURE DETAILS STA. 1005 + 50 (LT.)		F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
o:\p\work\p\pidot\shahdm\08316114\08xxxx	shh-ssht.dgn	DRAWN - DMS	REVISED -		510	(120)T	HANCOCK	28	25		
Default	PLOT SCALE * 40.0000' / in.	CHECKED -	REVISED -		CONTRACT NO. 72F73			ILLINOIS FED. AID PROJECT			
	PLOT DATE * Nov-20-2012 10:24:04AM	DATE -	REVISED -		SCALE:	SHEET 14	OF 17 SHEETS	STA.	TO STA.		



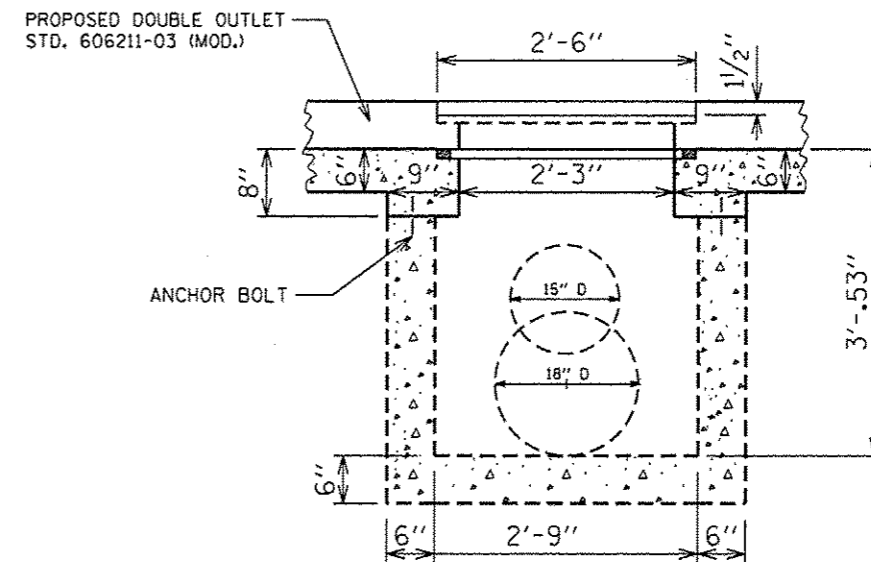
EXISTING SECTION THROUGH CENTERLINE



PROPOSED SECTION THROUGH CENTERLINE



EXISTING CROSS-SECTIONAL VIEW



PROPOSED CROSS-SECTIONAL VIEW

NOTES:

CONSTRUCT DOUBLE OUTLET TYPE B GUTTER (SECTION C-C & D-D). SEE SHEET NO. 13

NOTES:

REMOVE EXISTING 26.5' OF TYPE B GUTTER. SEE PLAN VIEW ON SHEET NO. 12

* ONLY DEPTH OF THE INLET WAS MODIFIED

C.J. - CONSTRUCTION JOINT
X - VARIES BY EACH LOCATION

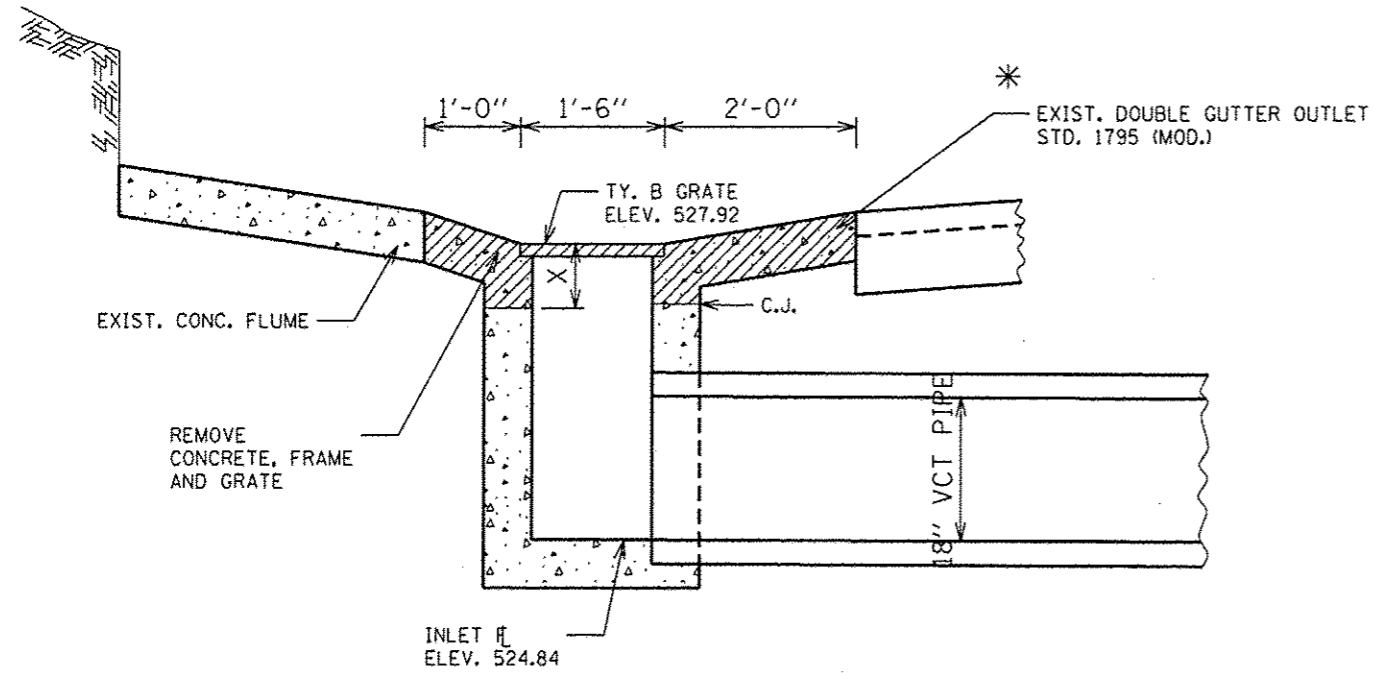
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURE DETAILS
STA. 1041 + 31 (LT.)

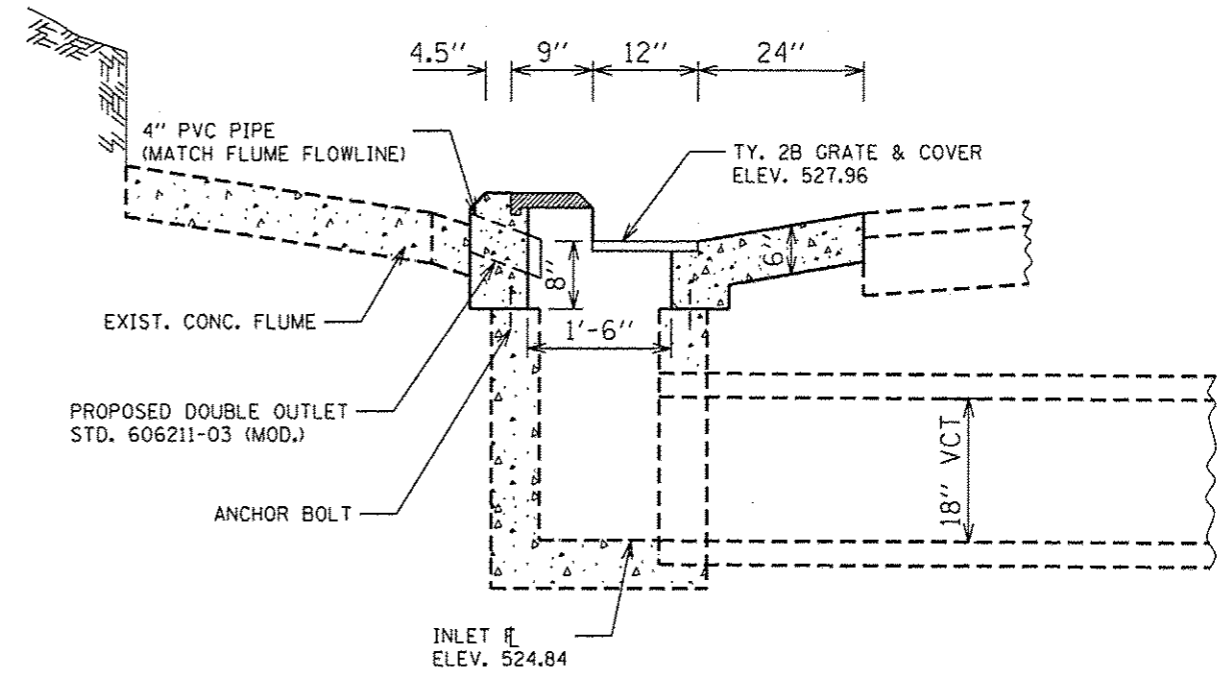
F.A.P. RTE. 510	SECTION (1201T)	COUNTY HANCOCK	TOTAL SHEETS 28	SHEET NO. 26
CONTRACT NO. 72F73			ILLINOIS FED. AID PROJECT	

FILE NAME =	USER NAME = shahdm	DESIGNED -	REVISED -
c:\pwwork\pwwork\shahdm\d0316114\06xxxx	shahdm.dgn	DRAWN - DMS	REVISED -
PLOT SCALE = 48.0000 1/16" = 1'		CHECKED -	REVISED -
PLOT DATE = Nov-28-2012 10:04:11AM		DATE -	REVISED -

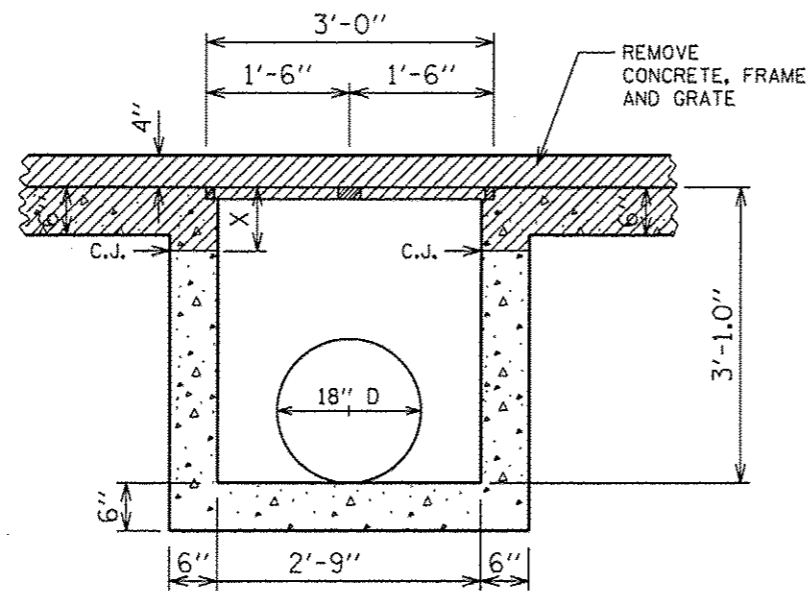
SCALE: SHEET 15 OF 17 SHEETS STA. TO STA.



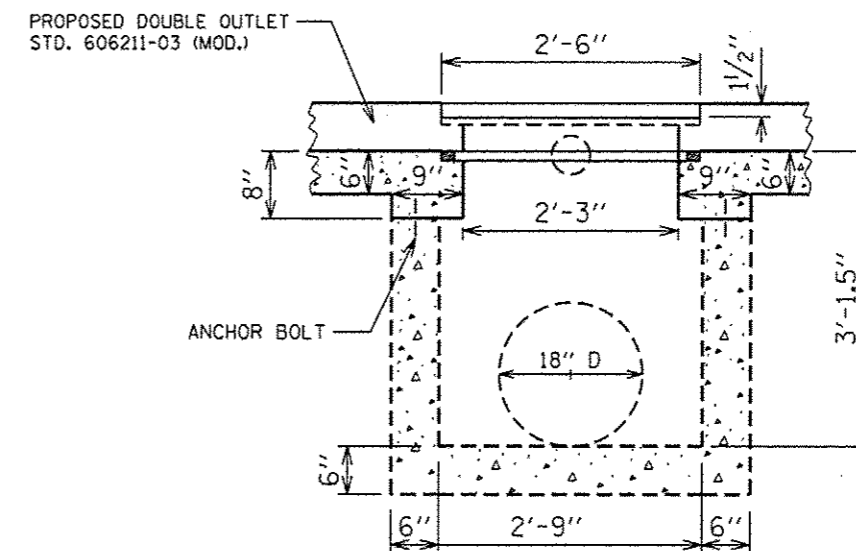
EXISTING SECTION THROUGH CENTERLINE



PROPOSED SECTION THROUGH CENTERLINE



EXISTING CROSS-SECTIONAL VIEW



PROPOSED CROSS-SECTIONAL VIEW

NOTES:

CONSTRUCT DOUBLE OUTLET TYPE B GUTTER (SECTION C-C & D-D). SEE SHEET NO. 13

NOTES:

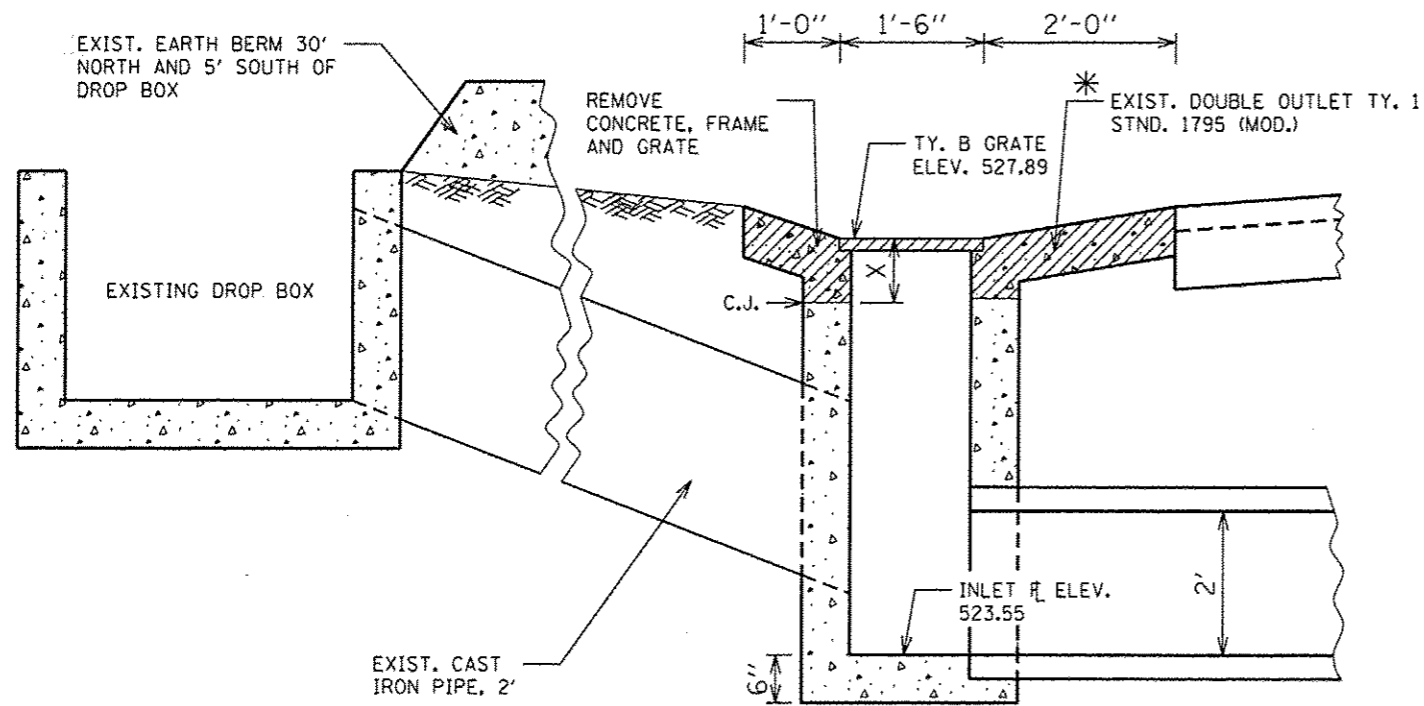
REMOVE EXISTING 26.5' OF TYPE B GUTTER. SEE PLAN VIEW ON SHEET NO. 12

* ONLY DEPTH OF THE INLET WAS MODIFIED

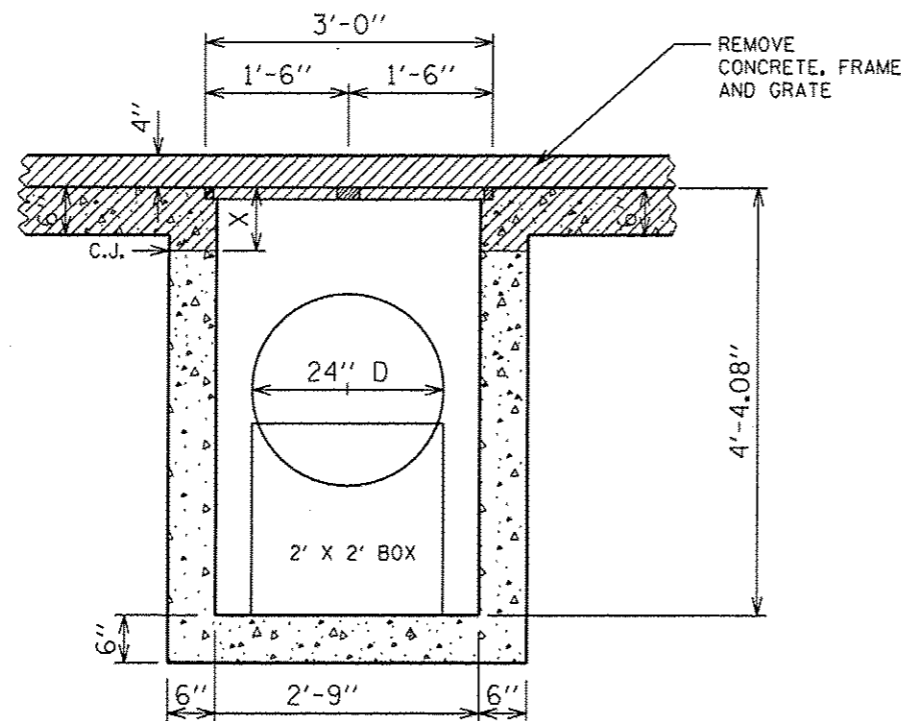
C.J. - CONSTRUCTION JOINT

X - VARIES BY EACH LOCATION

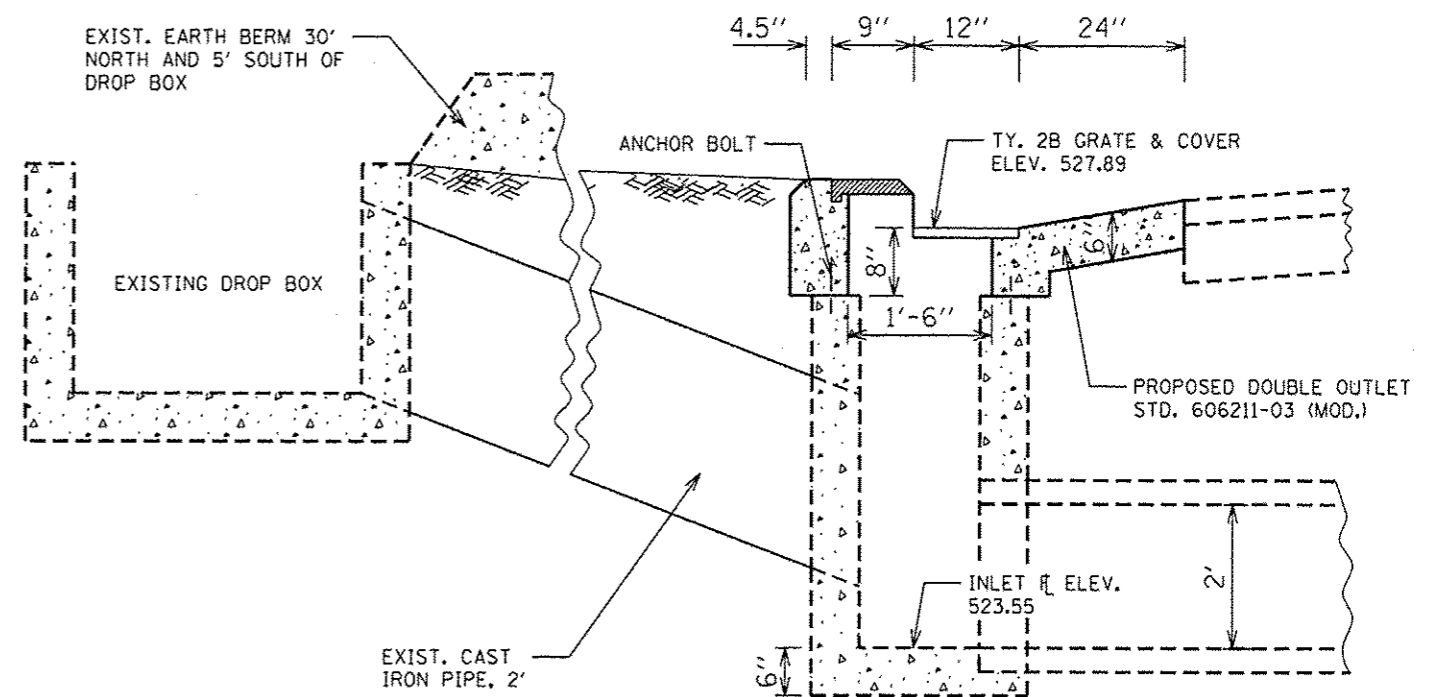
FILE NAME *	USER NAME * shahdm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE STRUCTURE DETAILS				F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
cr\pwork\pwork\shahdm\0316114\06xxxx	shahdm	DRAWN - DMS	REVISED -		STA. 1046 + 30 (LT.)				510	(120)T	HANCOCK	28	27
Default		CHECKED -	REVISED -		SCALE: _____	SHEET 16	OF 17 SHEETS	STA. _____	TO STA. _____	CONTRACT NO. 72F73			
		DATE -	REVISED -		ILLINOIS FED. AID PROJECT								



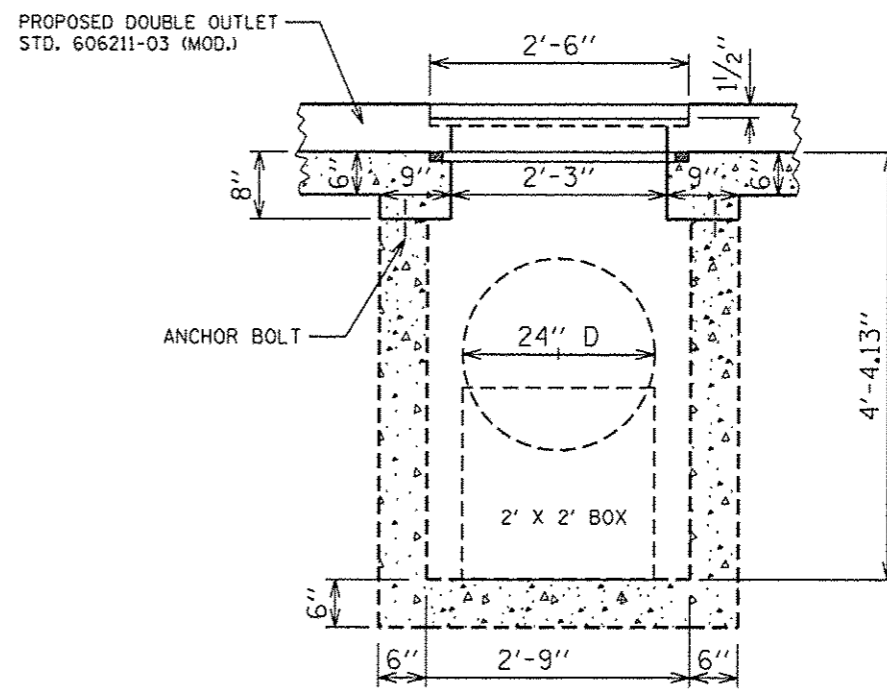
EXISTING SECTION THROUGH CENTERLINE



EXISTING CROSS-SECTIONAL VIEW



PROPOSED SECTION THROUGH CENTERLINE



PROPOSED CROSS-SECTIONAL VIEW

NOTES:

REMOVE EXISTING 26.5' OF TYPE B GUTTER. SEE PLAN VIEW ON SHEET NO. 12

* ONLY DEPTH OF THE INLET WAS MODIFIED

C.J. - CONSTRUCTION JOINT

X - VARIES BY EACH LOCATION

NOTES:

CONSTRUCT DOUBLE OUTLET TYPE B GUTTER (SECTION C-C & D-D). SEE SHEET NO. 13

FILE NAME *	USER NAME * shehdm	DESIGNED -	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DRAINAGE STRUCTURE DETAILS STA. 1049 + 75 (LT.)		F.A.P. RTE. *	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
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		CHECKED -	REVISED -		STA.	TO STA.						
Default		DATE -	REVISED -		CONTRACT NO. 72F73 ILLINOIS FED. AID PROJECT							