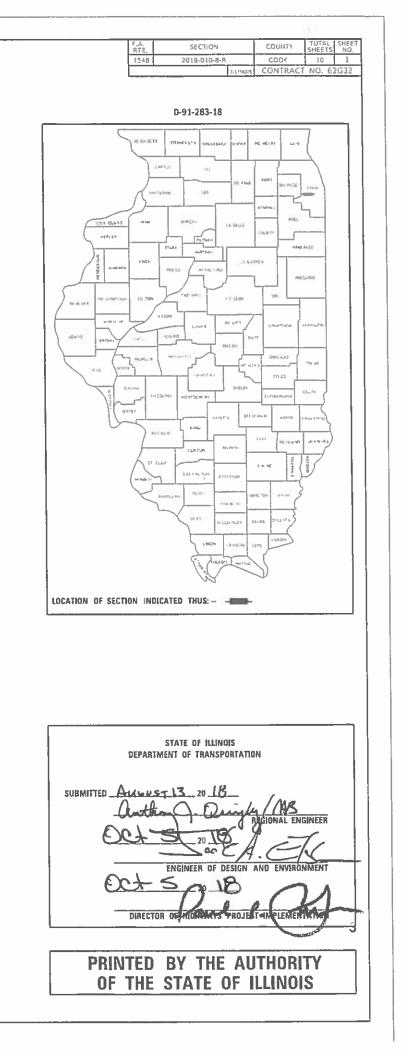


PROPOSED IMPROVEMENT 5N 016-0519



# INDEX\_OF\_SHEETS

## STATE STANDARDS

1	COVER SHEET	000001-06	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS	1.
2	INDEX OF SHEETS, STATE STANDARDS AND GENERAL NOTES	701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVMENT EDGE	
3	500	701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED	-
4	ROADWAY PLAN	701901-07	TRAFFIC CONTROL DEVICES	٤.
5	GENERAL PLAN AND ELEVATION			3.

- 6. FRAMING PLAN
- 7. BEAM REPAIR DETAILS
- 8. PIER 1 REPAIR DETAILS
- 9. PIER 2 REPAIR DETAILS
- 10. TC-10 TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS. INTERSECTIONS, AND DRIVEWAYS

10

USER NAME = condrevate	DESIGNED -	REVISED -		JOTH CTREET AVED COV DAILDOAD (CN 010 0510)		F.A.U.	SECTION	COUNTY TOTAL SHEET
	DRAWN -	REVISED -	STATE OF ILLINOIS			1548	2018-010-8-R	COOK 10 2
PLOT SCALE = 100.0000 * / In.	CHECKED -	REVISED +	DEPARTMENT OF TRANSPORTATION					CONTRACT NO. 62G32
PLOT DATE == 9/19/2018	DATE -	REVISED -		SCALE:	SHEET 1 OF 1 SHEETS STA. TO STA.	7	ILLINOIS FED. 41	ID PAQJECT

# **GENERAL NOTES**

BEFORE STARTING ANY EXCAVATION, THE CONTRACTOR SHALL CALL "J.U.L.I.E." AT (800) 892-0123 OR 811 FOR FIELD LOCATIONS OF BURIED ELECTRIC, TELEPHONE AND GAS UTILITIES. 48 HOUR NOTIFICATION IS REQUIRED.

THE CONTRACTOR SHALL COORDINATE CONSTRUCTION ACTIVITIES WITH UTILITY COMPANIES, AND THE CITY OF BRIDGEVIEW.

THE CONTRACTOR WILL NOT BE ALLOWED TO SET UP A YARD OR FIELD OFFICE ON STATE PROPERTY WITHOUT WRITTEN PERMISSION FROM THE DEPARTMENT.

 IT SHALL BE THE CONTRACTORS'S RESPONSIBILITY TO VERIFY ALL DIMENSIONS AND CONDITIONS EXISTING IN THE FIELD PRIOR TO CONSTRUCTION AND ORDERING OF MATERIALS.

 THE CONTRACTOR SHALL CONTACT THE DISTRICT ONE TRAFFIC CONTROL SUPERVISOR AT (847)705-4470 A MINIMUM OF 72 HOURS IN ADVANCE OF BEGINNING WORK.

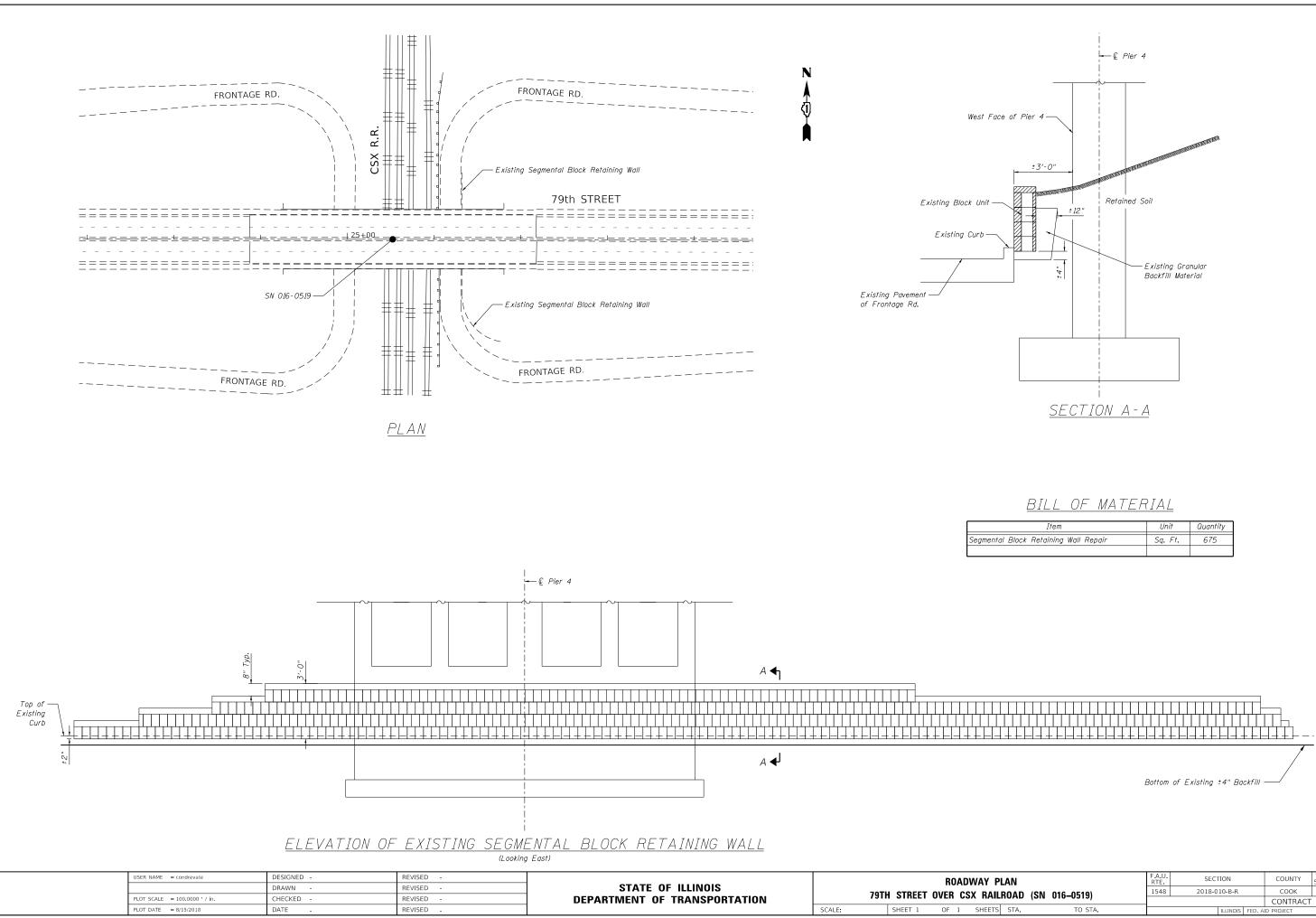
G. THESE PLANS HAVE BEEN PREPARED FROM NOTES RECEIVED FROM THE BUREAU OF MAINTENANCE.

 THE CONTRACTOR SHALL BE REQUIRED TO PROVIDE ACCESS TO ABUTTING PROPERTY AT ALL TIMES DURING THE CONSTRUCTION OF THIS PROJECT.

8. DO NOT SCALE PLANS FOR CONSTRUCTION DIMENSIONS.

9. ALL SEGMENTAL BLOCK RETAINING WALL REPAIR LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE ENGINEER.

	SUMMARY OF QUANTITIES				CO	NSTRUCTION TYPE C	ODE		SUMMA	ARY OF QUANTITIES				CO	NSTRUCTIO	N TYPE CO	DDE	
			TOTAL		80%	FEDERAL / 20% ST	ATE					TOTAL						
CODE NO	ITEM	UNIT	QUANTITIES	ROADWAY	016-0519			CODE NO		ITEM	UNIT	QUANTITIES						
			URBAN		0013													
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	6	6														
67100100	MOBILIZATION	L SUM	1	1														
70102620	TRAFFIC CONTROL AND PROTECTION,	L SUM	1															
10102820	TRAFFIC CONTROL AND FROTECTION,	L JUM	1	1														
	STANDARD 701501																	
70102630	TRAFFIC CONTROL AND PROTECTION.	L SUM	1	1														
10102030				•														
	STANDARD 701601																	
70102640	TRAFFIC CONTROL AND PROTECTION.	L SUM	1	1							1							<u> </u>
	STANDARD 701801																	
Z0001905	STRUCTURAL STEEL REPAIR	POUND	1300		1300													
Z0012754	STRUCTURAL REPAIR OF CONCRETE (DEPTH	SO FT	82		82													
	EQUAL TO OR LESS THAN 5 INCHES)																	
Z0064562	SEGMENTAL BLOCK RETAINING WALL REPAIR	SO FT	675		675													
			1		ĺ						1							
FILE NAME =	USER NAME = condrevate	DESIGNED -		REVISED						1							1.10	TAL
pw:\\LO84EBIDINTEGJ	lilinois.gov;PWIDOT\Documents\DOT_Offices\District \Projects\Di283I8\CADData\Design\Di283	80RAWNign -		REVISED	-		STATE OF IL	LINOIS		79TH STREET OVER C			519)	F.A.U. RTE. 1548	SECTI 2018-010	-B-R	соок 1	TAL SHEET EETS NO. 10 3
		CHECKED - DATE -		REVISED REVISED		D	EPARTMENT OF TR	ANSPORTA	TION	SCALE: SHEET NO. 1 OF 1	SHEETS STA		) STA.			LINOIS FED. AID	CONTRACT N	0. 62032



Item	Unit	Quantity
ntal Block Retaining Wall Repair	Sq. Ft.	675

PLAN NLROAD (SN 016–0519)		SECTION			COUNTY	TOTAL SHEETS	SHEET NO.
		548 2018-010-B-R			СООК	10	4
12110AD (314 010-0313)					CONTRACT	NO. 62	2G32
TS STA. TO STA.	ILLINOIS FED. AID PROJECT						

Traffic Darrier 43'-2'2" 52'-3" 62'-0" 52'-3" 43'-2'2" Terminel, Type 6 Traffic Barrier At Entrance Terminal, Type 5 At Exit trees and the second \_\_W33x130 Steel Beam € Frontage Rd. 12.75', 12' ; 12' ; € Frontage Rd. 5' 14.5' 121 26.5 12.75 22.75 14' 18.75 8.751 Plar 2 Pler 1 TR-1 TR-2 TR-3 Fier 3 TR-4 E. Abutment Pier 4 W. Abutment 22'-0 3.71 3.5 EXISTING\_ELEVATION (Looking North) Existing Ditch .... Existing DItch Existing French Drain Exist. French Drain -E Existing CSX R.R. Light Pole N Sta. 91-57.50 Traffic Barrier Traffic Barrier – Drainago Tracks Terminal, Type 5 Terminal, Type 6 10.12 Scupper Limits of Existing ₽ (DS-12410) Servic Road Structure (Typ) EI. 648.51 Deck EI. 648.32 <u>Sta. 90+71.51</u> Prop. 8-6.24 EI. 648.63 El. 648.63 EI. 648.50 Pier\_ C&G (Typ) El. 648.33 EI. 547.88 EI. 648.31 Sta. 91+16.5. Out of BK W. Abul. 3 Sta. 93-88.01 € W. Brg.Abul Sla. 91+03.30 SID. 91+01.51 € E. Brg.Abut. Sto. 93+56.22 Pier 4 EI. 647.85 6 Sta. 93+13.01 EI. 648.30 0 30 5n € Bridge Sta.92+29.75 EI. 648.30 EI. 648.32 -E.B. PG <u>Pier 2</u> 51u. 91+98.76 Pier <u>3</u> Sta. 92+60.76 <u>5ta. 90+71.51</u> El. 647.88 EI. 648.31 Sta. 93+88.01 -£ 79ih Street ò EI. 647.85 510. 90 · 61. EI. 648.33 Q BK E. Abut. Traffic Barrier EI. 648.51 EI. 648.63 EI. 648.63 EI. 648.50 Traffic Barrier 0 Sta. 93+58.0 Terminal, Type 6 Terminal, Type 5 -Name Plate 🖄 à 1411 T Existing Type L Aluminum Handrail # # ₩ # 30'-0" Light Pole 30'-0" 4' 0" Farape SIg. 92+77.00 Exist. Appr. Slab Exist. Appr. Slab (Typ. Ea. Side) 43'-2'2 1-92 52 - 31 62"-0" 521-31 1'-9'2' 43'-25' \_ E Pler 4 2 Pier 1 - € Brg W. Abul. Pier 2 - & Pler 3 256'-6" BK TO BK Abut. A ALLATINA. EXISTING PLAN AUCTURA ---€ Brg E. Abut. 81 20 DAVID CARL ğ 50.00 90+25. g PULEY 26 VPI St2. 90+9 Elev. 648.31 512. 93+1 648.29 SIa. 94-081-905-470 Sta. 648 SIa. 95+97. 644.53 VP1 Sta. la. 88-SPREAD (12.) LPI CIEV. \*\* 6 VPI Elev. ILLINCIS , to +0.52% ·0.542 677 1.5A: OFALMO 93+58.26 648.30 1.58% 91-01. 648.33 Expires 11/30/18 Sto. EL. L.V.C.=257.00' EXISTING PROFILE GRADE Along 79th Street - PGL DESIGNED -RAD EXAMINED DATE -**GENERAL PLAN AND STATE OF ILLINOIS** CHECKED . **79TH STREET OVER CSX RAILF** DRAWN REVISED . **DEPARTMENT OF TRANSPORTATION** PASSED CHECKED . SHEET S1 OF S5 REVISED 9/20/2018 9:39:50 AM

### SCOPE OF WORK

- Plate beams 1, 3, 4, 5, 6, 7, 8, 9, 10, and 12 of the east abutment.
- 2. Plate beams I, 4, 11, and 12 at the west abutment.
- 3. Repair and restore segmental block retaining wall, (See Sheet 4 of 10 for segmental block wall,
- Structural Repair of Concrete at Pier 1 and west face of Pier 2.

## GENERAL NOTES

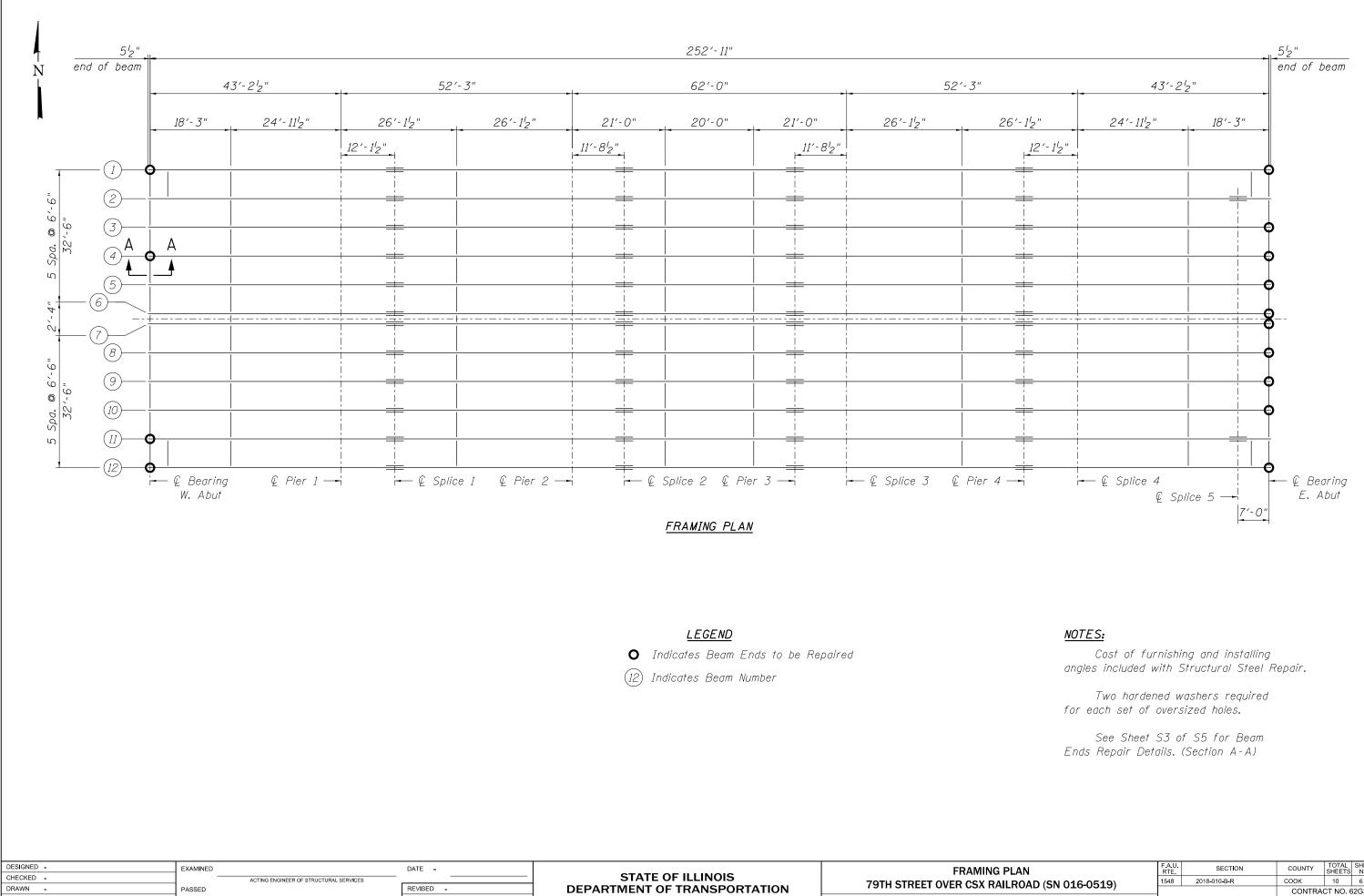
- I. The contractor shall take necessary precautions to insure that na debris will endanger or interfere with traffic on the roadway (or the railroad) beneath the bridge according to article 107.09 (or 107.12)of the standard specifications. This work will not be paid for separately, but shall be included in the contract unit price for the appropriate pay item involved and no additional compensation will be allowed.
- All structural steel shall conform to AASHTO Classification M=270 Br. 36, unless otherwise noted.
- 3. All new fasteners shall be high strength bolts. Holes shall be subpunched or subdrilled  ${}^n_{6}{}^n$  dia, and reamed in the field to  ${}^1_{3_6}{}^n$  dia, for  ${}^3_4{}^n$  dia, bolts, unless otherwise noted,
- Existing structural steel shall only be cleaned and painted as required by the Special Provision "Cleaning and Painting Contact Surface Areas of Existing Steel Structures".
- 5. The Inorganic zinc rich primer/Acrylic/ Acrylic Paint System shall be used for shop and field painting of new structural steel except where otherwise noted. The color of the Acrylic finish coat for all interior steel surfaces shall be Gray. Munsell No. 5B 7/1. The color of the Acrylic finish coat for exterior and bottom flange of the fascia beams shall be Reddish Brown, Munsell No. 2.5YR 3/4.
- No field welding is permitted except as specified in the contract documents.
- 7. Plan dimensions and details relative to existing plans are subject to nominal construction variations. The Contractor shall field verify existing dimensions and details affecting new construction and make necessary approved adjustments prior to construction or ordering of materials. Such variations shall not be cause for additional compensation for change in scope of work, however, the Contractor will be paid for the quantity actually furnished at the unit price bid for the work.
- 8. The existing structural steel coating at the location of repair does not contain lead. The existing structural steel coating five feet away from beam ends does contain lead.

## TOTAL BILL OF MATERIALS

Item	Unit	Total
Structural Steel Repair	Lbs.	1300
Stuctural Repair of Concrete (Depth Equal to or Less Than 5")	Sq. Ft.	82

GENERAL PLAN AND ELEVATION FAU 1548/79th STREET OVER CSX R.R. COOK COUNTY STA. 92+29.76 STRUCTURE NO. 016-0519

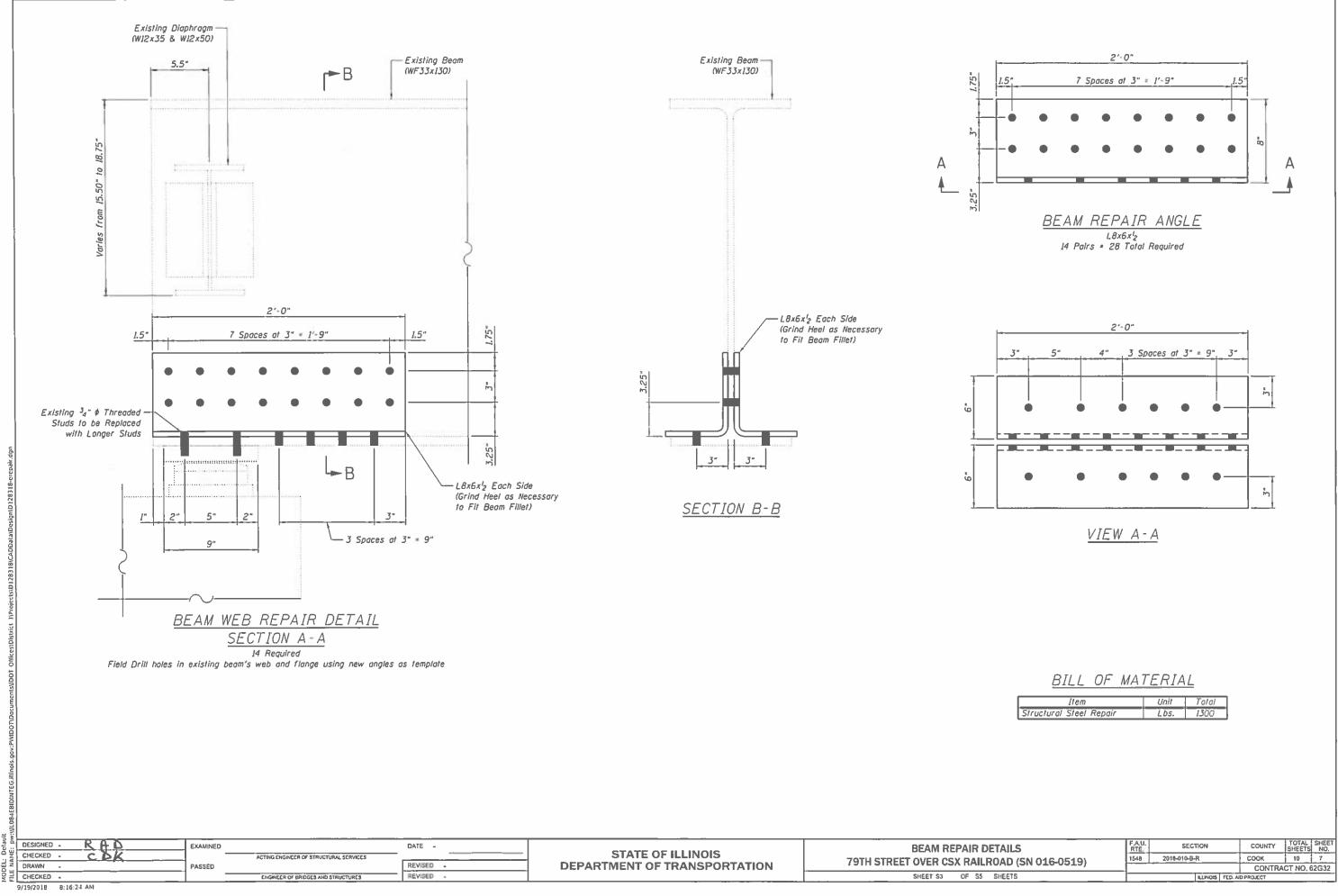
ELEVATION	F.A.U. RTE.	SECTION	COUNTY	SHEETS	SHEET NO.	
ROAD (SN 016-0519)		2018-010-B-R		соок	10	5
				CONTRA	CT NO. 6	32G32
SHEETS		ILLIN	DIS FED. A	D PROJECT		

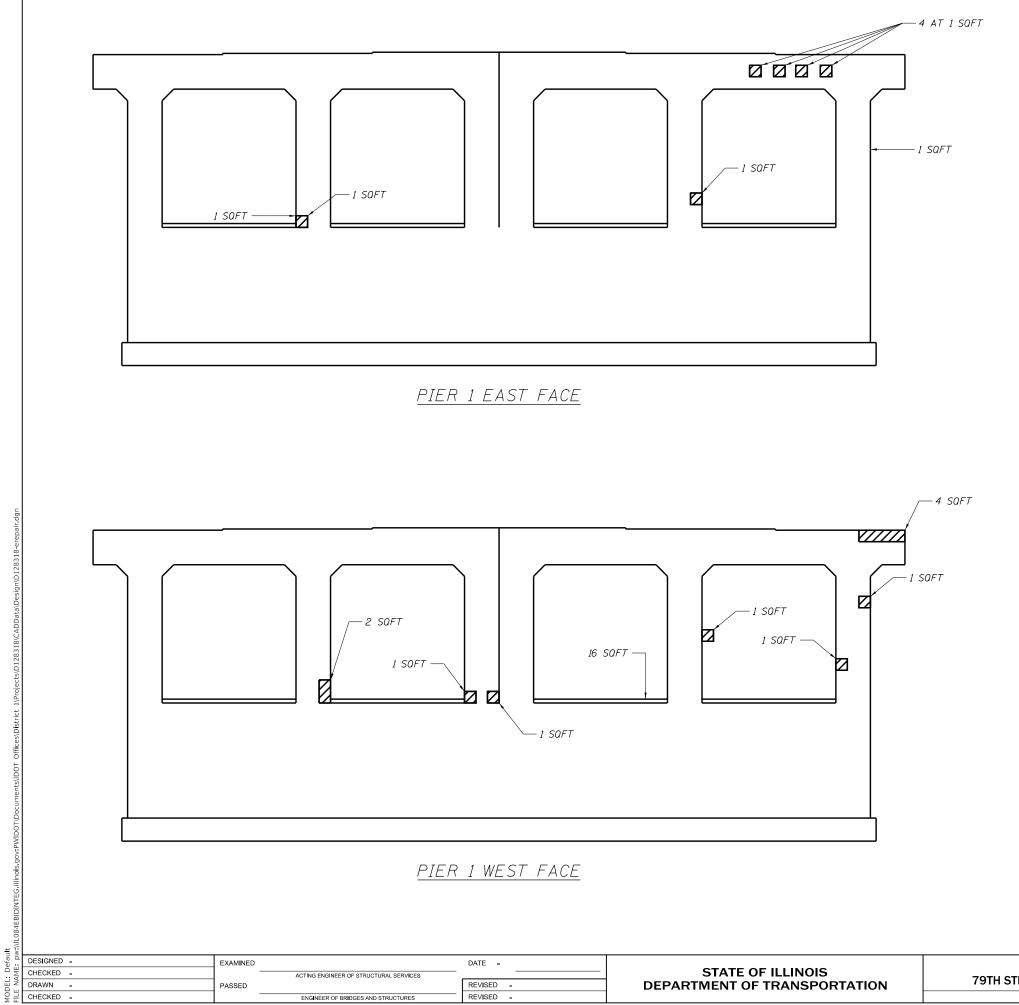


REVISED -

ENGINEER OF BRIDGES AND STRUCTURES

PLAN ILROAD (SN 016-0519)		F.A.U. SECTION			COUNTY	TOTAL SHEETS	SHEET NO.
		2018-010-B-R			соок	10	6
					CONTRA	CT NO. 6	62G32
S5 SHEETS	ILLINOIS FED. AID PROJECT						





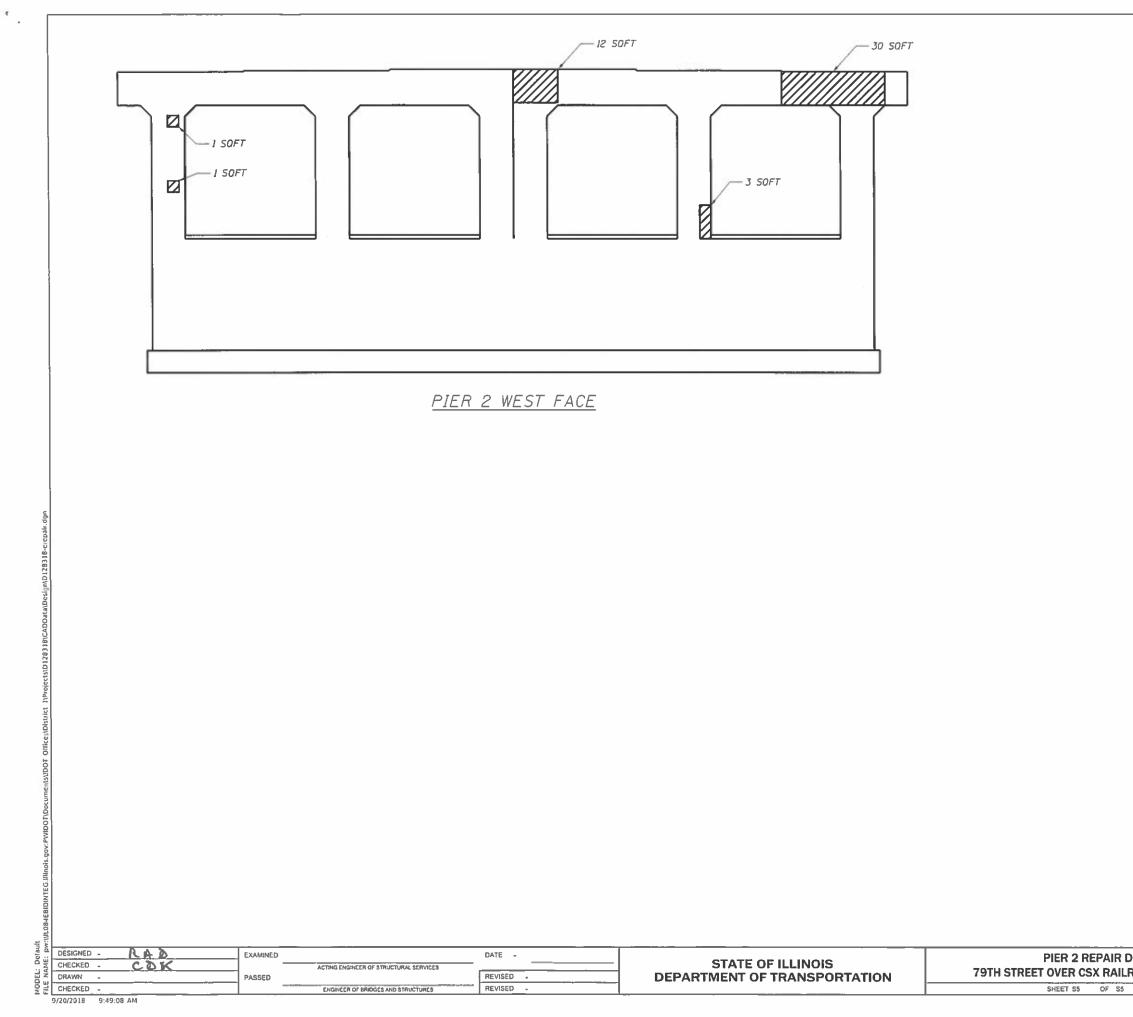
8/15/2018 8:34:15 AM

PIER 1 REPAIR 79TH STREET OVER CSX RAI Note: Area to be repaired will be determined in the field by the Engineer.

<u>BILL OF MATERIAL</u>

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less Than 5")	Sq. Ft.	35

R DETAILS	F.A.U. RTE				COUNTY	TOTAL SHEETS	SHEET NO.
ALROAD (SN 016-0519)		2018-010-B-R			соок	10	8
					CONTRA	CT NO. 6	62G32
S5 SHEETS			ILLINOIS	FED. A	D PROJECT		



1.1

Note: Area to be repaired will be determined in the field by the Engineer.

BILL OF MATERIAL

Item	Unit	Total
Structural Repair of Concrete (Depth Equal to or Less Than 5")	Sq. Ft.	47

DETAILS		SECTION	COUNTY	TOTAL SHEETS	SHEET NO.		
ROAD (SN 016-0519)	1548	2018-010-B-R	COOK	10	9		
			CONTRA	CT NO, 8	2G32		
SHEETS	ILLINOIS FED. AD PROJECT						

	TYPE I OR TYPE II BARRICADES WITH ONE FLASHING AMEER LIGHT ON EACH, OR UIGHTS ON EACH, GEE NOTE 2) TYPE I OR TYPE II BARRICADES WITH ONE FLASHING AMEER LIGHT ON EACH, OR TYPE II BARRICADES WITH TWO FLASHING TYPE II B	
	SHOWN ON THE DRAWING A a) ONE "ROAD CONSTRUM MOUNTED ON IT APP b) THE CLOSED PORTION BLOCKING WITH TYPE THE CROSS SECTION 2. SIDE ROAD WITH A SPEED AS SHOWN ON THE DRAWIN a) ONE "ROAD CONSTRUM FLASHER MOUNTED O OF THE MAIN ROUTE. b) THE CLOSED PORTION BLOCKING WITH TYPE OF THE CLOSED PORTION BLOCKING WITH TYPE OF THE CLOSED PORTION SPACING DURING DAY OPEF IN HEIGHT. 4. WHEN THE SIDE ROAD LIES SIGNING AND THE WORK ZO	N OF THE MAIN ROUTE SHALL BE PROTECTED BY E III BARRICADES, 1/2 OF THE CROSS SECTION
FILE NAME : USER NAME : condrevate DESIGNED - L.H.A. REVISED - A. HOUSEH 10-15-96   pwtNLL084EBDINTEG.illinois.goviPWIDDT\Deuments\IDDT Offices\District I\Projects\District I\Projects\Dist\Dist\District I\Projects\Dist\Dist\District I\Projects\	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR F.A.U. RTE. SECTION COUNTY TOTAL SHEET SHEET NO.   SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS 1548 2018-010-B-R COOK 10 10   SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA. ILLINOIS FED. AID PROJECT 62G32

