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FAP. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR	FORD	ILLINOIS	51	2
FED. ROAD DIST. NO. 3	CONTRACT NO. 87198			

• HOLMES ST.
PINE ST.
CENTER ST.

INDEX OF SHEETS

SHEET NO.	DRAWING NO.	DESCRIPTION
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2	C-2	INDEX, STANDARDS AND GENERAL NOTES
3	C-3	SUMMARY OF QUANTITIES
4	C-4	SUMMARY OF QUANTITIES
5	C-5	TYPICAL SECTIONS - HOLMES STREET
6	C-6	TYPICAL SECTIONS - RAILROAD AVENUE (US 45)
7	C-7	TYPICAL SECTIONS - PINE STREET AND CENTER STREET
8	C-8	ALIGNMENT AND TIES
9	C-9	STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
10	C-10	EXISTING CONDITIONS AND REMOVALS - HOLMES AVENUE
11	C-11	EXISTING CONDITIONS AND REMOVALS - PINE STREET AND CENTER STREET
12	C-12	ROADWAY PLAN AND PROFILE - HOLMES STREET
13	C-13	ROADWAY PLAN AND PROFILE - PINE STREET AND CENTER STREET
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51	S-18	SOIL BORING LOGS - BORINGS 1-2

LIST OF STATE STANDARDS

STANDARD NO.	DESCRIPTION
000001-05	STANDARD SYMBOLS, ABBREVIATIONS, AND PATTERNS
280001-04	TEMPORARY EROSION CONTROL SYSTEMS
353001-04	PCC BASE COURSE WITH HMA BINDER AND SURFACE COURSE
420401-07	BRIDGE APPROACH PAVEMENT
424001-05	CURB RAMPS FOR SIDEWALKS
515001-03	NAME PLATE FOR BRIDGES
602001-01	CATCH BASIN, TYPE A
602501-01	VALVE VAULT TYPE A
602601-02	PRECAST REINFORCED CONCRETE FLAT SLAB TOP
602701-02	MANHOLE STEPS
604021-02	BASE, FRAME AND LID TYPE 5
604091-02	FRAME AND GRATE, TYPE 24
606001-04	CONCRETE CURB TYPE B AND COMBINATION CONCRETE CURB AND GUTTER
630001-08	STEEL PLATE BEAM GUARDRAIL
630201-06	PCC/HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
631006-06	TRAFFIC BARRIER TERMINAL, TYPE 1B
631011-05	TRAFFIC BARRIER TERMINAL, TYPE 2
631046-04	TRAFFIC BARRIER TERMINAL, TYPE 10
701501-05	URBAN LANE CLOSURE, 2L, 2W UNDIVIDED
701901-01	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNTING DETAILS
720006-02	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
731001-01	BASES FOR TELESCOPING STEEL SIGN SUPPORT
805001-01	ELECTRICAL SERVICE INSTALLATION DETAILS
814001-02	HANDHOLES
STD. B.L.R. 10-6	PCC PAVEMENT SPECIAL DETAILS
STD. B.L.R. 14-10	PORTLAND CEMENT CONCRETE PAVEMENT
STD. B.L.R. 17-4	TRAFFIC CONTROL DEVICES - DAY LABOR CONSTRUCTION

GENERAL NOTES

1. THE CONTRACTOR SHALL TAKE ALL NECESSARY SAFETY PRECAUTIONS TO PROTECT ABUTTING PROPERTY, UTILITIES, PEDESTRIANS, AND VEHICULAR TRAFFIC.
2. ANY REFERENCE TO "STANDARD SPECIFICATIONS" THROUGHOUT THE PLANS OR SPECIAL PROVISIONS SHALL BE INTERPRETED TO BE THE ILLINOIS DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION" (SSRBC), ADOPTED JANUARY 1, 2007, AND THE "SUPPLEMENTAL SPECIFICATIONS AND RECURRING SPECIAL PROVISIONS", ADOPTED JANUARY 1, 2009.
3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING "J.U.L.I.E." AT 800-892-0123 OR 811, SO THAT UTILITIES AND THEIR APPURTENANCES MAY BE LOCATED, AND ADJUSTED OR MOVED, IF NECESSARY, PRIOR TO THE START OF CONSTRUCTION OPERATIONS. THE CONTRACTOR SHALL COOPERATE WITH ALL UTILITY OWNERS AS PROVIDED FOR IN THE STANDARD SPECIFICATIONS.
4. MOVING UTILITIES SHALL BE THE RESPONSIBILITY OF THE OWNERS UNLESS OTHERWISE NOTED.
5. IN AREAS WHERE RADIUS WIDENING IS ENCOUNTERED, UTILITY RELOCATION OR ADJUSTMENTS WILL BE PERFORMED BY THEIR RESPECTIVE UTILITY OWNERS AT THEIR OWN EXPENSE AND SHALL NOT BE CONSIDERED AS PART OF THIS CONTRACT. THE CONTRACTOR SHALL NOTIFY AFFECTED UTILITIES AND SCHEDULE WORK ACCORDINGLY. THIS COORDINATION SHALL BE PERFORMED AT NO ADDITIONAL COST.
6. THE CONTRACTOR SHALL MAINTAIN THE SURFACE DRAINAGE OF THE ROAD DURING CONSTRUCTION OF THIS PROJECT.
7. IN LOCATIONS WHERE THE EXISTING DRAINAGE FACILITIES ARE DISTURBED OR DAMAGED DURING CONSTRUCTION BY THE CONTRACTOR, IT WILL BE THE CONTRACTOR'S RESPONSIBILITY TO RESTORE AND REPLACE THE DAMAGED FACILITIES AT HIS EXPENSE TO THE SATISFACTION OF THE DEPARTMENT OF SEWERS. THE SEWER FLOW MUST BE MAINTAINED AT ALL TIMES.

COMMITMENTS

NONE

INDEX AND NOTES

HOLMES STREET OVER
ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

DESIGN BY KLA	DRAWING NO. C-2	Job# C-93-016-01
DRAWN BY DWO		DATE 7/1/08
CHECKED BY JAH		SCALE N/A



DATE	REVISIONS

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FAR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR	FORD	51	3	
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	(1)	(2)	(3)
				X120-5B HOLMES STREET	X120-5B PINE STREET	X120-5B CENTER STREET
20200100	EARTH EXCAVATION	CU YD	502	365	77	60
20700400	POROUS GRANULAR EMBANKMENT (SPECIAL)	CU YD	121	121		
20800150	TRENCH BACKFILL	CU YD	86	13		73
21101615	TOPSOIL FURNISH AND PLACE, 4"	SQ YD	1,873	1,515	63	295
25000300	SEEDING, CLASS 3	ACRE	0.38	0.31	0.01	0.06
25000400	NITROGEN FERTILIZER NUTRIENT	POUND	47	32	5	10
25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	47	32	5	10
25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	47	32	5	10
25100115	MULCH, METHOD 2	ACRE	0.29	0.13	0.06	0.10
25100630	EROSION CONTROL BLANKET	SQ YD	1,876	1,517	64	295
25200110	SODDING, SALT TOLERANT	SQ YD	1,035	369	319	347
25200200	SUPPLEMENTAL WATERING	UNIT	15	5	5	5
28000250	TEMPORARY EROSION CONTROL SEEDING	POUND	1,440	960	160	320
28000300	TEMPORARY DITCH CHECKS	EACH	3	3		
28000400	PERIMETER EROSION BARRIER	FOOT	2,078	1,316	268	494
28000500	INLET AND PIPE PROTECTION	EACH	4	4		
31102100	SUB-BASE GRANULAR MATERIAL, TYPE C 4"	SQ YD	871	871		
35100700	AGGREGATE BASE COURSE, TYPE A 8"	SQ YD	801	433	150	218
35400400	PORTLAND CEMENT CONCRETE BASE COURSE WIDENING 9"	SQ YD	241	241		
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	235	221	6	8
40603080	HOT-MIX ASPHALT BINDER COURSE, IL-19.0, N50	TON	131	85	19	27
40603310	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N50	TON	117	76	17	24
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	3			3
42001165	BRIDGE APPROACH PAVEMENT	SQ YD	100	100		
42001400	BRIDGE APPROACH PAVEMENT (SPECIAL)	SQ YD	284	284		
42001300	PROTECTIVE COAT	SQ YD	128	128		
42001420	BRIDGE APPROACH PAVEMENT CONNECTOR (PCC)	SQ YD	104	104		
42001430	BRIDGE APPROACH PAVEMENT CONNECTOR (FLEXIBLE)	SQ YD	33	33		
42400200	PORTLAND CEMENT CONCRETE SIDEWALK 5 INCH	SQ FT	1,658	1,658		
42400410	PORTLAND CEMENT CONCRETE SIDEWALK 8 INCH	SQ FT	221	221		

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	(1)	(2)	(3)
				X120-5B HOLMES STREET	X120-5B PINE STREET	X120-5B CENTER STREET
44000100	PAVEMENT REMOVAL	SQ YD	678		301	377
44000500	COMBINATION CURB AND GUTTER REMOVAL	FOOT	127			127
44000600	SIDEWALK REMOVAL	SQ FT	1,022		375	647
48101000	AGGREGATE SHOULDERS TYPE A, 11"	SQ YD	14	14		
48101100	AGGREGATE SHOULDER TYPE A, 12"	SQ YD	18		18	
50100100	REMOVAL OF EXISTING STRUCTURES	EACH	2		1	1
50100200	REMOVAL OF EXISTING STRUCTURES	L SUM	1	1		
50157300	PROTECTIVE SHIELD	SQ YD	287		136	151
50200100	STRUCTURE EXCAVATION	CU YD	492	492		
50300225	CONCRETE STRUCTURES	CU YD	335	335		
50300255	CONCRETE SUPERSTRUCTURE	CU YD	537	537		
50300254	RUBBED FINISH	SQ YD	362	362		
50300260	BRIDGE DECK GROOVING	SQ YD	537	537		
50300300	PROTECTIVE COAT	SQ YD	861	861		
50500405	FURNISHING AND ERECTING STRUCTURAL STEEL	POUND	880	880		
50800205	REINFORCEMENT BARS, EPOXY COATED	POUND	168,210	168,210		
51100100	SLOPE WALL 4 INCH	SQ YD	587	587		
51201105	FURNISHING METAL PILE SHELLS 14"	FOOT	3,510	3,510		
51202305	DRIVING PILES	FOOT	3,510	3,510		
51203200	TEST PILE METAL SHELLS	EACH	4	4		
51500100	NAME PLATES	EACH	1	1		
52000030	PREFORMED JOINT SEAL 2 1/2"	FOOT	122	122		
52100010	ELASTOMERIC BEARING ASSEMBLY, TYPE 1	EACH	11	11		
55039700	STORM SEWERS TO BE CLEANED	FOOT	197	197		
550A0050	STORM SEWER, CLASS A, TYPE 1 12"	FOOT	65			65
550B0050	STORM SEWER, CLASS B, TYPE 1 12"	FOOT	396	396		
56103000	* DUCTILE IRON WATER MAIN 8"	FOOT	20	10		10
56103100	* DUCTILE IRON WATER MAIN 8"	FOOT	225			225
56105500	* INSERTING VALVES 6"	EACH	1			1
56105600	* INSERTING VALVES 8"	EACH	1			1

* SPECIALTY ITEMS

SUMMARY OF QUANTITIES			
HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD CITY OF PAXTON, FORD COUNTY			
DESIGN BY DRAWN BY CHECKED BY	KLA DJR JAH	DRAWING NO. C-3	Job# DATE SCALE
			C-93-016-01 7/1/08 H: 1"=10' V: 1"=5'

Edwards and Kelcey	DATE	REVISIONS

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F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	00-00043-00-BR	FORD	51	4
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

(1) (2) (3)
X120-5B X120-5B X120-5B

(1) (2) (3)
X120-5B X120-5B X120-5B

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	HOLMES STREET	PINE STREET	CENTER STREET
56400100	* FIRE HYDRANTS TO BE MOVED	EACH	1	1		
58700300	CONCRETE SEALER	SQ FT	570	570		
60201340	CATCH BASINS, TYPE A, 4'-DIAMETER, TYPE 24 FRAME AND GRATE	EACH	4	1		3
60248900	VALVE VAULTS, TYPE A, 5'-DIAMETER, TYPE 1 FRAME, CLOSED LID	EACH	2			2
60250200	CATCH BASINS TO BE ADJUSTED	EACH	2			2
60266900	VALVE BOXES TO BE MOVED	EACH	1	1		
60266910	VALVE BOXES TO BE REMOVED	EACH	2			2
60500205	FILLING CATCH BASINS	EACH	2			2
60605000	COMBINATION CONCRETE CURB AND GUTTER, TYPE B-6,24	FOOT	593	536		57
63000000	* STEEL PLATE BEAM GUARD RAIL, TYPE A	FOOT	50	50		
63000005	* STEEL PLATE BEAM GUARD RAIL, TYPE B	FOOT	100		50	50
63100041	* TRAFFIC BARRIER TERMINAL, TYPE 1B	EACH	2	2		
63100045	* TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	2	2		
63100105	* TRAFFIC BARRIER TERMINAL, TYPE 10	EACH	4	4		
66900200	* NON-SPECIAL WASTE DISPOSAL	CU YD	500	250	250	
66900450	* SPECIAL WASTE PLANS AND REPORT	L SUM	1	0.34	0.33	0.33
66900510	* BETX-PNAS SOIL ANALYSIS	EACH	3		3	
66900530	* SOIL DISPOSAL ANALYSIS	EACH	3	1	1	1
67000400	ENGINEER'S FIELD OFFICE, TYPE A	CAL MO	8	6	1	1
70101700	TRAFFIC CONTROL AND PROTECTION	L SUM	1	0.8	0.1	0.1
70300520	PAVEMENT MARKING TAPE, TYPE III 4"	FOOT	250	150		100
72000100	SIGN PANEL - TYPE 1	SQ FT	81	19	31	31
72500100	OBJECT MARKER - TYPE 1	EACH	4		2	2
72800100	TELESCOPING STEEL SIGN SUPPORT	FOOT	10	10		
73100100	BASE FOR TELESCOPING STEEL SIGN SUPPORT	EACH	1	1		
78000200	* THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	774	694	80	
78000650	* THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FOOT	62	62		
80400100	* ELECTRIC SERVICE INSTALLATION	EACH	1	1		
81000500	* CONDUIT IN TRENCH, 1 1/2" DIA., GALVANIZED STEEL	FOOT	85	85		
81200220	* CONDUIT EMBEDDED IN STRUCTURE 1 1/2" DIA., PVC	FOOT	353	353		

CODE NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY	HOLMES STREET	PINE STREET	CENTER STREET
81300320	* JUNCTION BOX, STAINLESS STEEL, ATTACHED TO STRUCTURE, 8"x8"x6"	EACH	8	8		
81300980	* JUNCTION BOX, STAINLESS STEEL, EMBEDDED IN STRUCTURE, 8"x8"x6"	EACH	4	4		
81400100	* HANDHOLE	EACH	2	2		
81702100	* ELECTRIC CABLE IN CONDUIT, 600 V (XLP-TYPE USE) 1/C NO. 12	FOOT	440	440		
81702120	* ELECTRIC CABLE IN CONDUIT, 600 V (XLP-TYPE USE) 1/C NO. 8	FOOT	920	920		
82500505	* LIGHTING CONTROLLER, SPECIAL	EACH	1	1		
84200500	* REMOVAL OF EXISTING LIGHTING UNIT, SALVAGE	EACH	8		4	4
X0323988	TEMPORARY SOIL RETENTION SYSTEM	SQ FT	436	436		
X0325241	TEMPORARY PAVEMENT 11"	SQ YD	204	204		
XX003067	CONCRETE BRIDGE RAIL (SPECIAL)	FOOT	316	316		
XX006697	* LUMINAIRE (SPECIAL)	EACH	4	4		
Z0002750	BARRICADE, TYPE III	EACH	6	2	2	2
Z0018500	DRAINAGE STRUCTURES TO BE CLEANED	EACH	1	1		
Z0038700	PERMANENT BENCH MARKS	EACH	1	1		
Z0048665	RAILROAD PROTECTIVE LIABILITY INSURANCE	L SUM	1	1		
Z0062450	SAWING PAVEMENT (FULL DEPTH)	FOOT	505	361	74	70
Z0067400	STEEL CASING 14"	FOOT	50			50
	* REINFORCED CONCRETE LIGHT POLES (SPECIAL)	EACH	4	4		
	* CONDUIT ATTACHED TO STRUCTURE (SPECIAL)	FOOT	8	8		
67100100	MORTALIZATION	L SUM	1	1		
Z0076600	Δ TRAINEES	HOURL	500	500		

* SPECIALTY ITEMS
Δ 1080

SUMMARY OF QUANTITIES

HOLMES STREET OVER
ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

DESIGN BY KLA	DRAWING NO. C-4	Job# C-93-016-01
DRAWN BY DJR	DATE 7/1/08	SCALE AS SHOWN
CHECKED BY JAH		



DATE REVISIONS

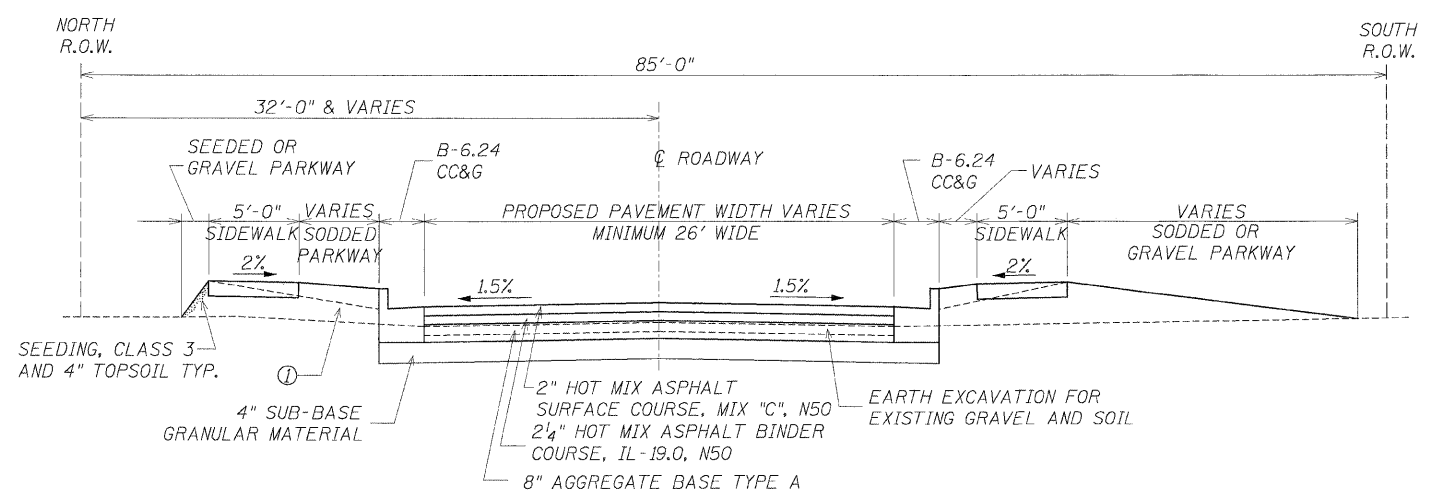
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F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR	FORD	51	5	
FED. ROAD DIST. NO. 3		ILLINOIS	CONTRACT NO. 87198	

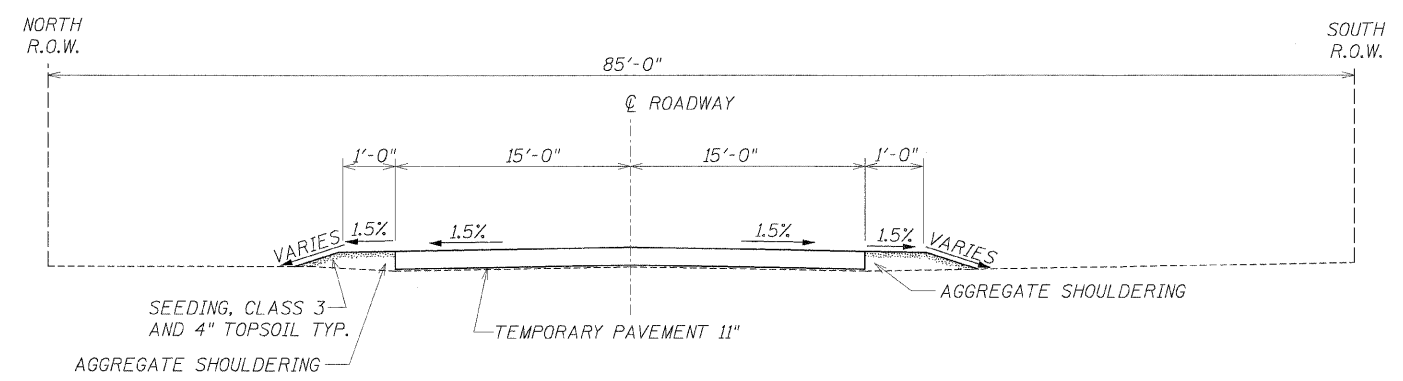
• HOLMES ST.
PINE ST.
CENTER ST.

STRUCTURAL DESIGN YEAR 2020
 PV= 4180 SU= 220 MU= 0
 ROAD/STREET CLASSIFICATION: URBAN LOCAL STREET
 PERCENT OF STRUCTURAL DESIGN TRAFFIC IN DESIGN LANE:
 P= 95 S= 5 M= 0
 TRAFFIC FACTOR: ACTUAL TF= 0.25
 MINIMUM TF= 0.20
 PG GRADE: BINDER = PG 64-28 SURFACE = PG 64-28
 SUBGRADE SUPPORT RATING:
 SSR= EAIR

HOLMES STREET DESIGN DATA



PROPOSED TYPICAL SECTION
HOLMES STREET
STA. 10+80 TO STA 12+41.75
STA. 13+79.25 TO 14+20.5



PROPOSED TYPICAL SECTION
HOLMES STREET
STA. 10+27 TO 10+80
TEMPORARY PAVEMENT

- ① SEE PLAN VIEW FOR SOD OR SEEDING REQUIRED
- ② DOWELS: #6x24" @ 24" O.C. COST INCLUDED WITH PORTLAND CEMENT BASE COURSE
- ③ DOWELS: #6x24" @ 24" O.C. COST INCLUDED WITH COMBINATION CURB AND GUTTER

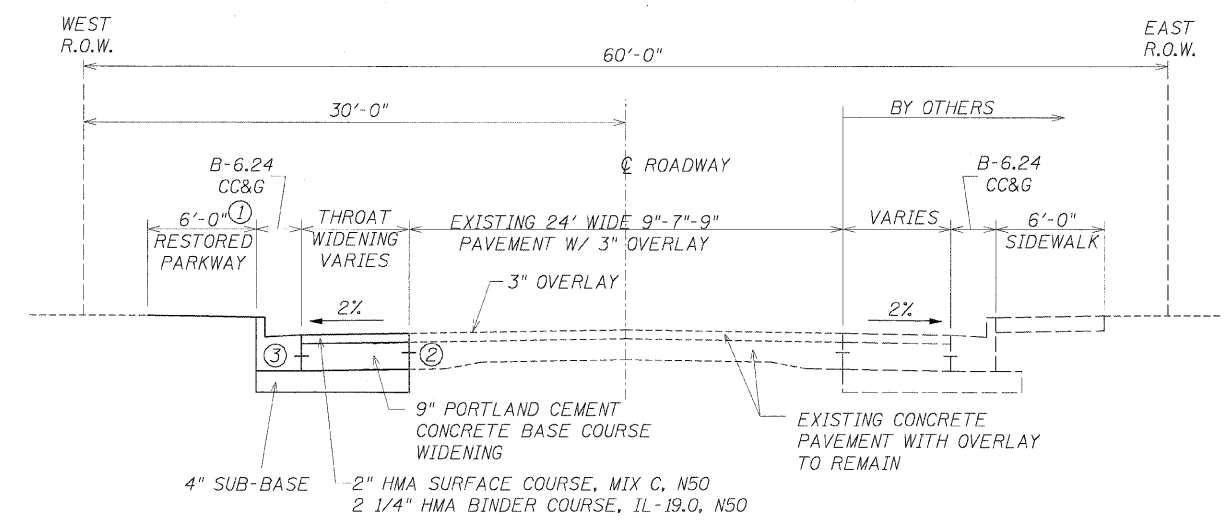
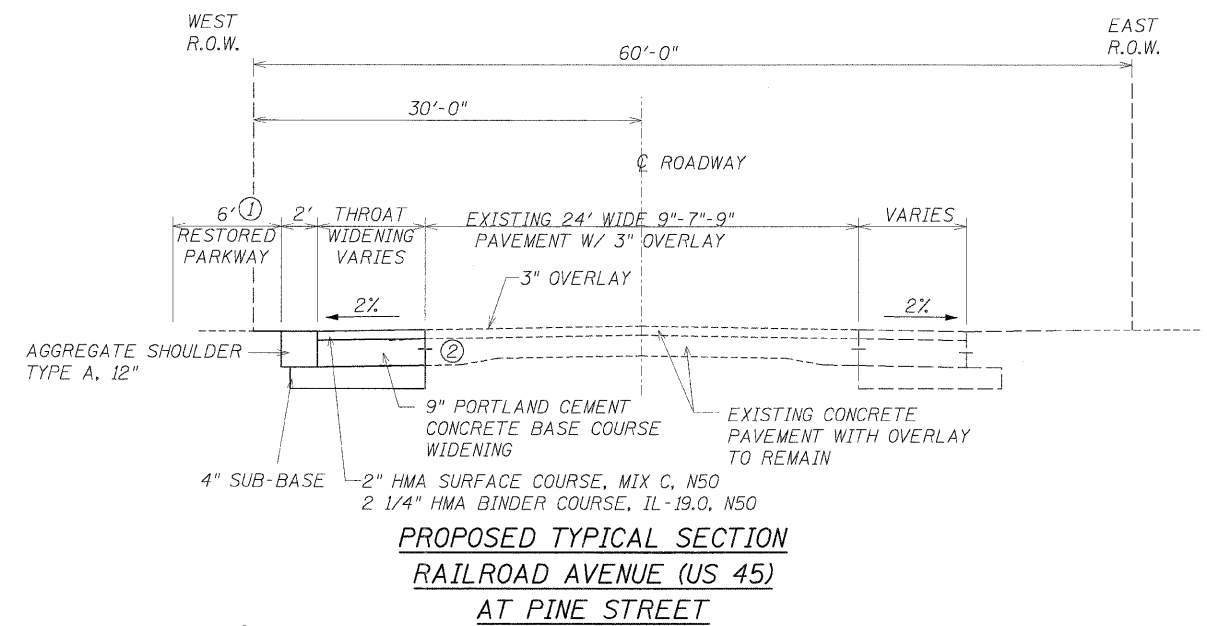
TYPICAL SECTIONS HOLMES STREET		
HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD CITY OF PAXTON, FORD COUNTY		
DESIGN BY: KLA	DRAWING NO.:	Job# C-93-016-01
DRAWN BY: DWO	C-5	DATE 7/1/08
CHECKED BY: JAH		SCALE N.T.S.

Edwards and Kelcey	DATE	REVISIONS

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F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	6
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

• HOLMES ST.
PINE ST.
CENTER ST.



- ① SEE PLAN VIEW FOR SOD OR SEEDING REQUIRED
- ② DOWELS: #6x24" @ 24" O.C. COST INCLUDED WITH PORTLAND CEMENT BASE COURSE
- ③ DOWELS: #6x24" @ 24" O.C. COST INCLUDED WITH COMBINATION CURB AND GUTTER

TYPICAL SECTIONS RAILROAD AVENUE (US 45) HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD CITY OF PAXTON, FORD COUNTY		
DESIGN BY DRAWN BY CHECKED BY	KLA DWG JAH	DRAWING NO. C-6
Job#	C-93-016-01	DATE
SCALE	N.T.S.	

Edwards AND Kelcey	DATE	REVISIONS

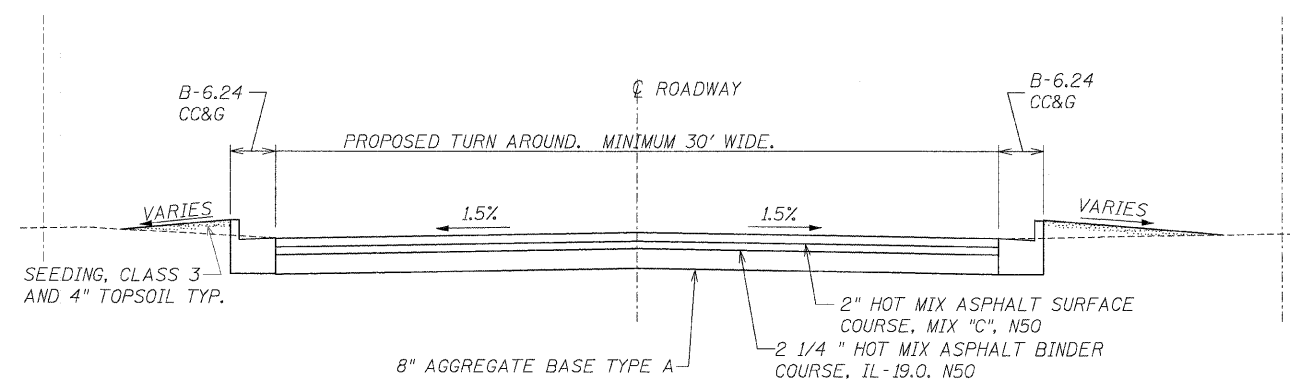
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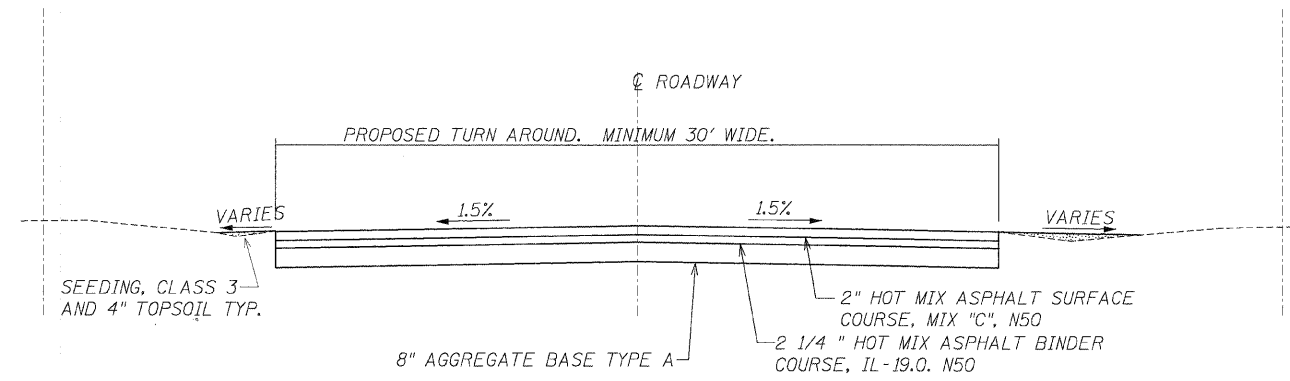
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F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	T
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

• HOLMES ST.
PINE ST.
CENTER ST.



TYPICAL SECTION
CENTER STREET



TYPICAL SECTION
PINE STREET

TYPICAL SECTIONS
PINE STREET AND CENTER STREET
HOLMES STREET OVER
ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

DESIGN BY KLA	DRAWING NO. C-7	Job# C-93-016-01
DRAWN BY DWO		DATE 7/1/08
CHECKED BY JAH		SCALE N.T.S.

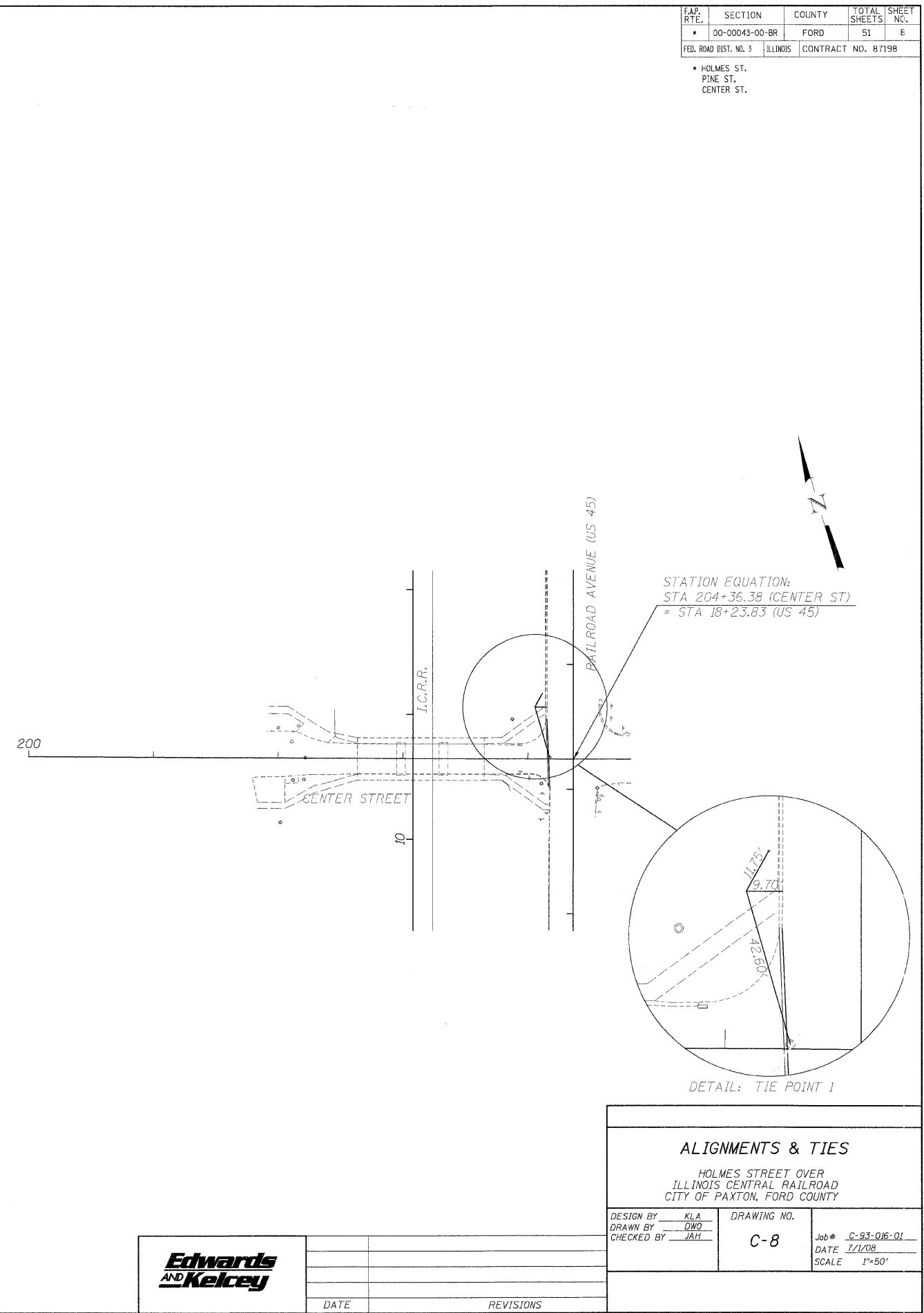
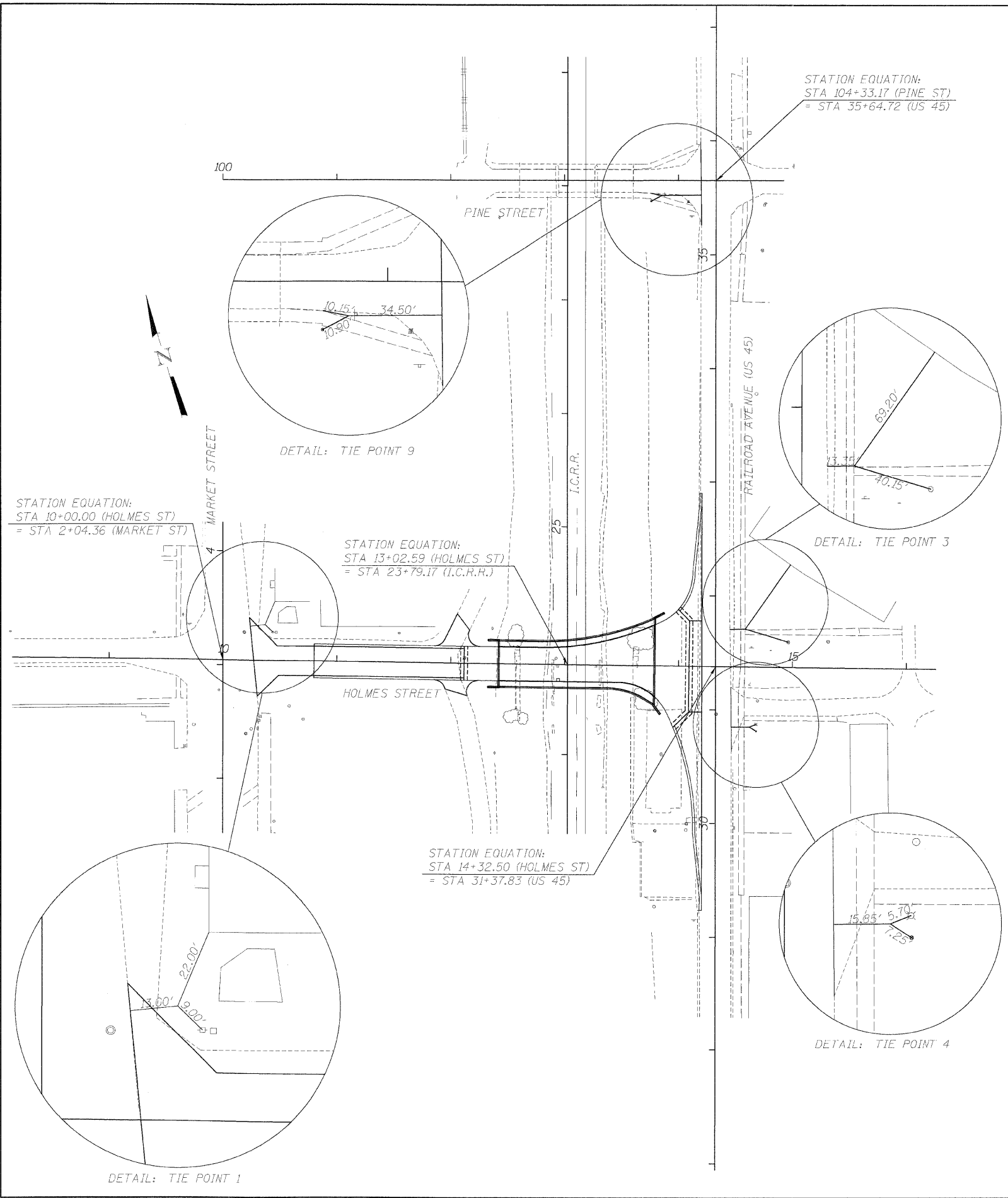
Edwards AND Kelcey	DATE	REVISIONS

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FED. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	6
FED. ROAD DIST. NO. 3		ILLINOIS	CONTRACT NO. 87198	

• HOLMES ST.
PINE ST.
CENTER ST.



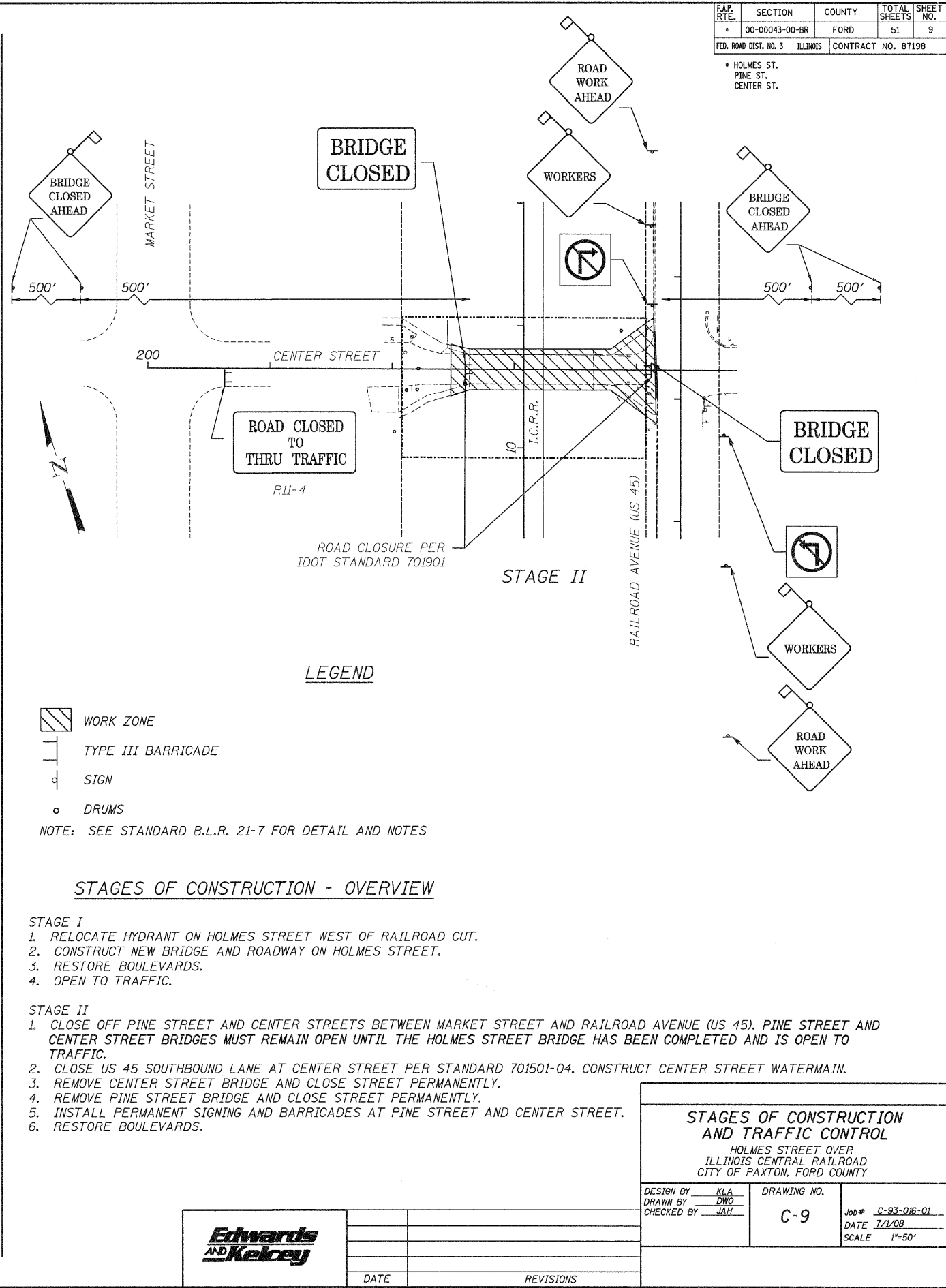
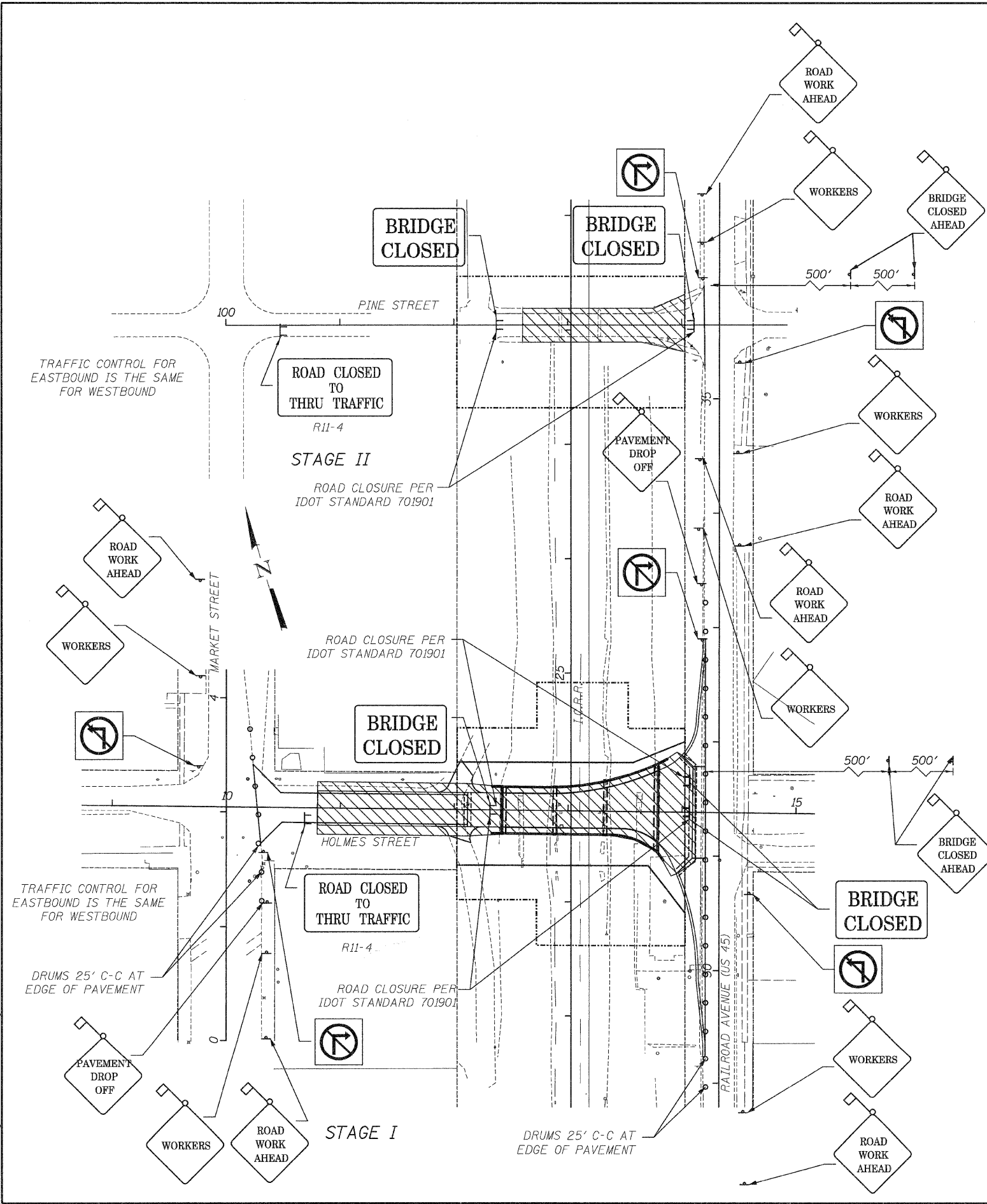
ALIGNMENTS & TIES			
HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD CITY OF PAXTON, FORD COUNTY			
DESIGN BY KLA	DRAWING NO. C-8	Job# C-93-016-01	DATE 7/1/08
DRAWN BY DWJ		SCALE 1"=50'	
CHECKED BY JAH			
DATE	REVISIONS		



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FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* 00-00043-00-BR	FORD	51	9	
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

* HOLMES ST.
 PINE ST.
 CENTER ST.



Edwards and Kelcey	DATE	REVISIONS

STAGES OF CONSTRUCTION AND TRAFFIC CONTROL
 HOLMES STREET OVER
 ILLINOIS CENTRAL RAILROAD
 CITY OF FAXTON, FORD COUNTY

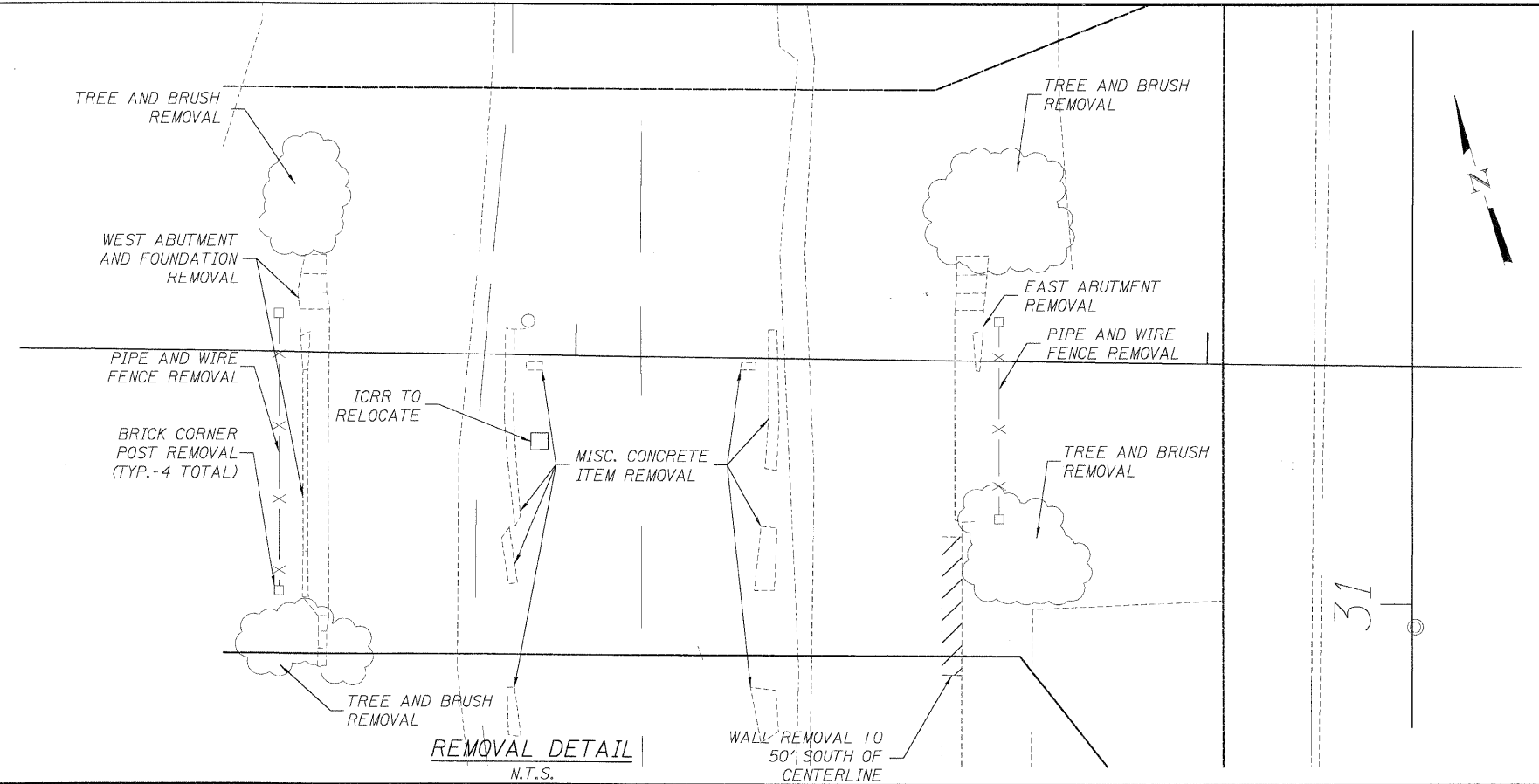
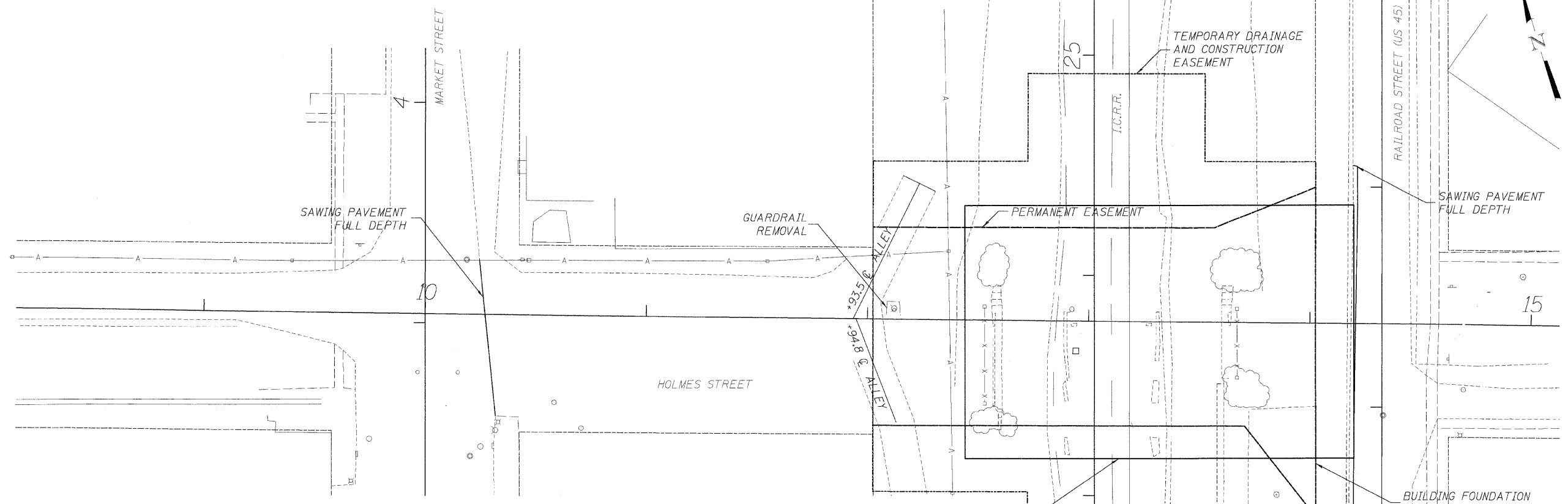
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DRAWN BY: DWO	C-9	DATE 7/1/08
CHECKED BY: JAH		SCALE 1"=50'

6/30/2008 1:59:30 PM

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F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	10
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

HOLMES ST.
PINE ST.
CENTER ST.



REMOVAL DETAIL
N.T.S.

EXISTING CONDITION AND REMOVALS
HOLMES STREET AND US 45
HOLMES STREET OVER
ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

DESIGN BY KLA	DRAWING NO. C-10	Job# C-93-016-01
DRAWN BY DWO	DATE 7/1/08	SCALE 1"=25'
CHECKED BY JAH		



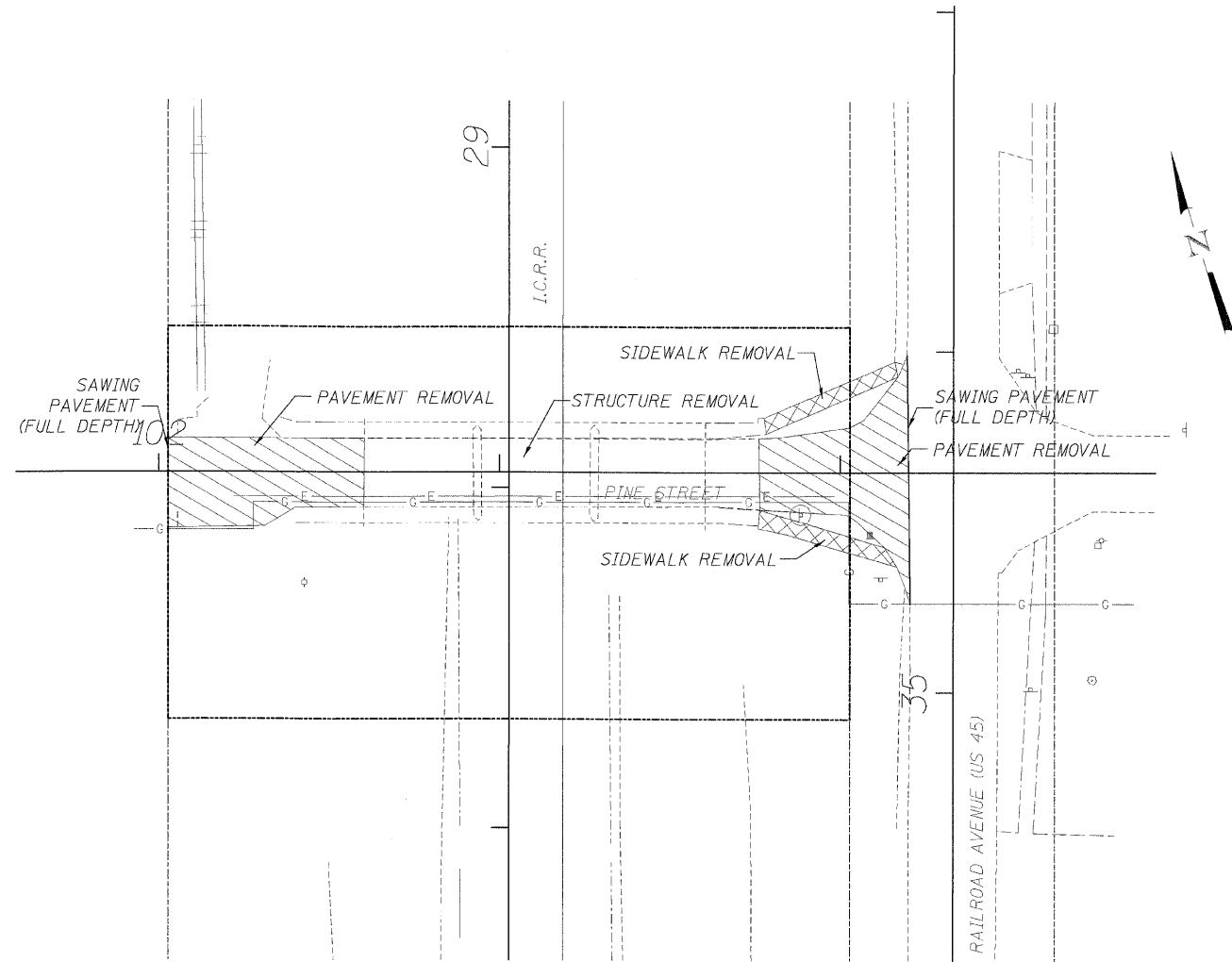
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F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	11
FED. ROAD DIST. NO. 3		ILLINOIS	CONTRACT NO. 87198	

• HOLMES ST.
PINE ST.
CENTER ST.



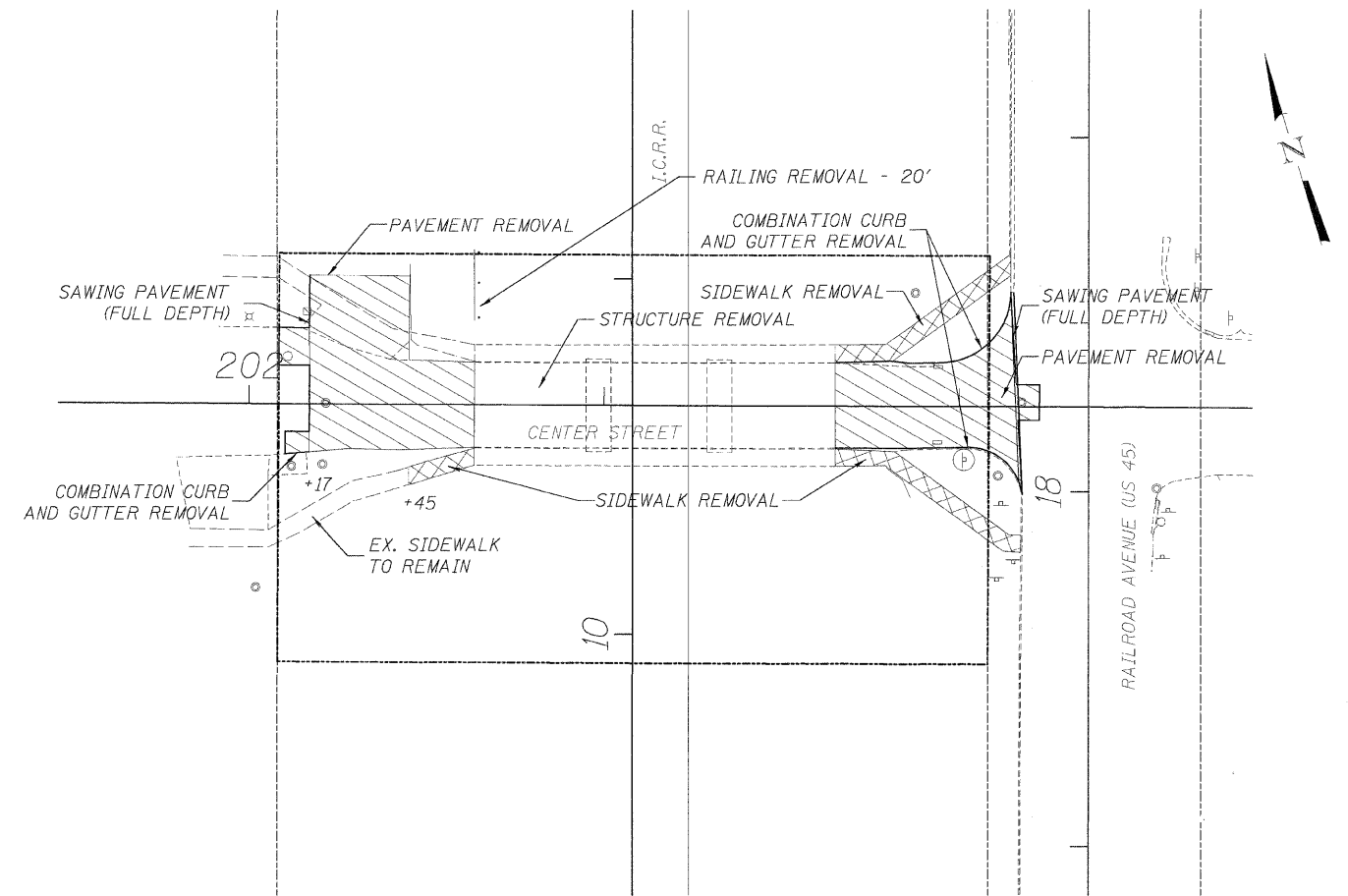
PINE STREET SALVAGE AND REMOVAL NOTES

SALVAGE LIGHT FIXTURES FROM 4 BRIDGE CORNERS AND DELIVER TO THE CITY OF PAXTON, STREET DEPARTMENT

CONTRACTOR TO COORDINATE UTILITY RELOCATIONS WITH UTILITY COMPANIES.

LEGEND

- Ⓟ SALVAGE SIGN



CENTER STREET SALVAGE AND REMOVAL NOTES

SALVAGE LIGHT FIXTURES FROM 4 BRIDGE CORNERS AND DELIVER TO THE CITY OF PAXTON, STREET DEPARTMENT

LEGEND

- Ⓟ SALVAGE SIGN

**EXISTING CONDITION AND REMOVALS
PINE STREET AND CENTER STREET**

HOLMES STREET OVER
ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

DESIGN BY KLA	DRAWING NO. C-11	Job# C-93-016-01
DRAWN BY DKO	DATE 7/1/08	SCALE 1"=25'
CHECKED BY JAH		



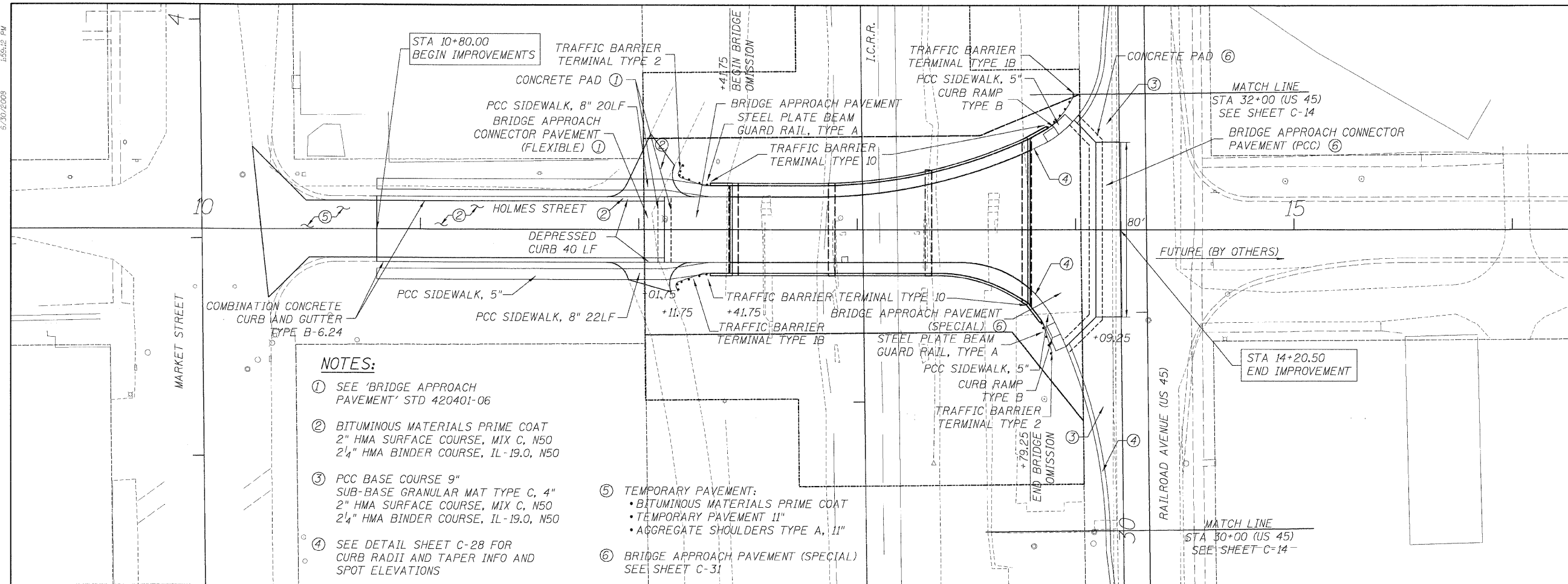
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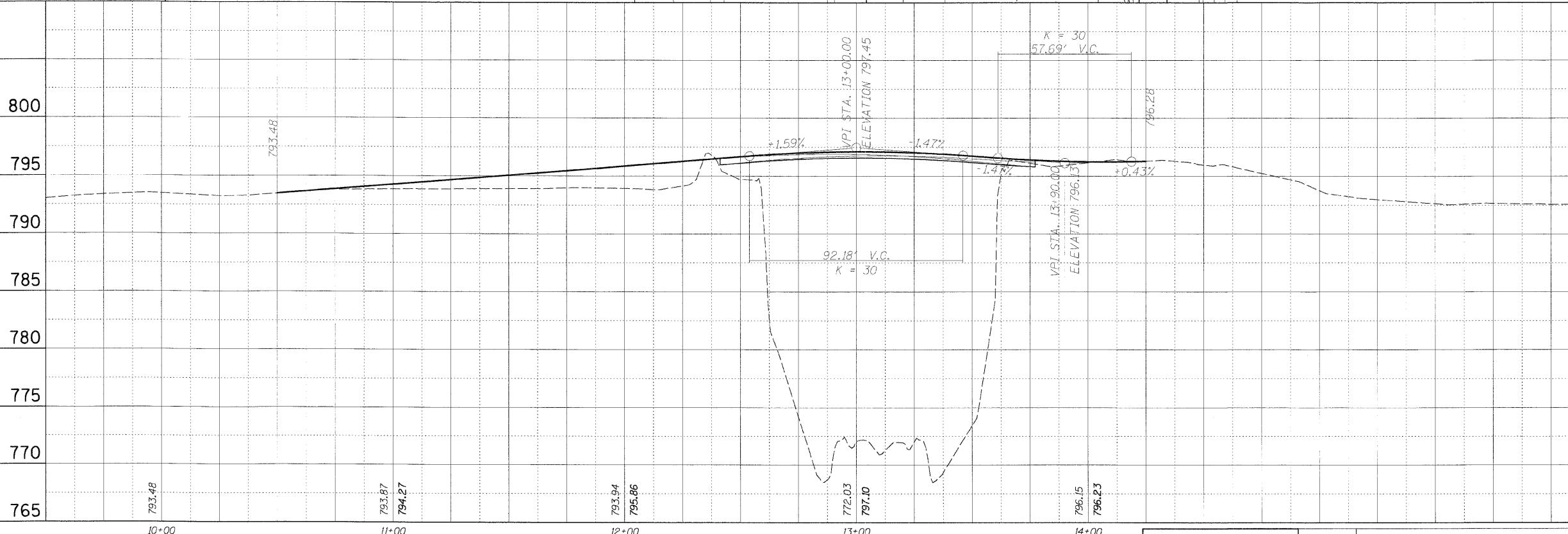
FAR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	12
FED. ROAD DIST. NO. 3		ILLINOIS	CONTRACT NO. 87198	

• HOLMES ST.
PINE ST.
CENTER ST.



NOTES:

- ① SEE 'BRIDGE APPROACH PAVEMENT' STD 420401-06
- ② BITUMINOUS MATERIALS PRIME COAT
2" HMA SURFACE COURSE, MIX C, N50
2 1/4" HMA BINDER COURSE, IL-19.0, N50
- ③ PCC BASE COURSE 9"
SUB-BASE GRANULAR MAT TYPE C, 4"
2" HMA SURFACE COURSE, MIX C, N50
2 1/4" HMA BINDER COURSE, IL-19.0, N50
- ④ SEE DETAIL SHEET C-28 FOR CURB RADII AND TAPER INFO AND SPOT ELEVATIONS
- ⑤ TEMPORARY PAVEMENT:
• BITUMINOUS MATERIALS PRIME COAT
• TEMPORARY PAVEMENT 11"
• AGGREGATE SHOULDERS TYPE A, 11"
- ⑥ BRIDGE APPROACH PAVEMENT (SPECIAL) SEE SHEET C-31



ROADWAY PLAN AND PROFILE
HOLMES STREET
HOLMES STREET OVER
ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

DESIGN BY KLA	DRAWING NO. C-12	Job# C-93-016-01
DRAWN BY DWQ	DATE 7/1/08	SCALE H: 1"=25'
CHECKED BY JAH	DATE	SCALE V: 1"=5'

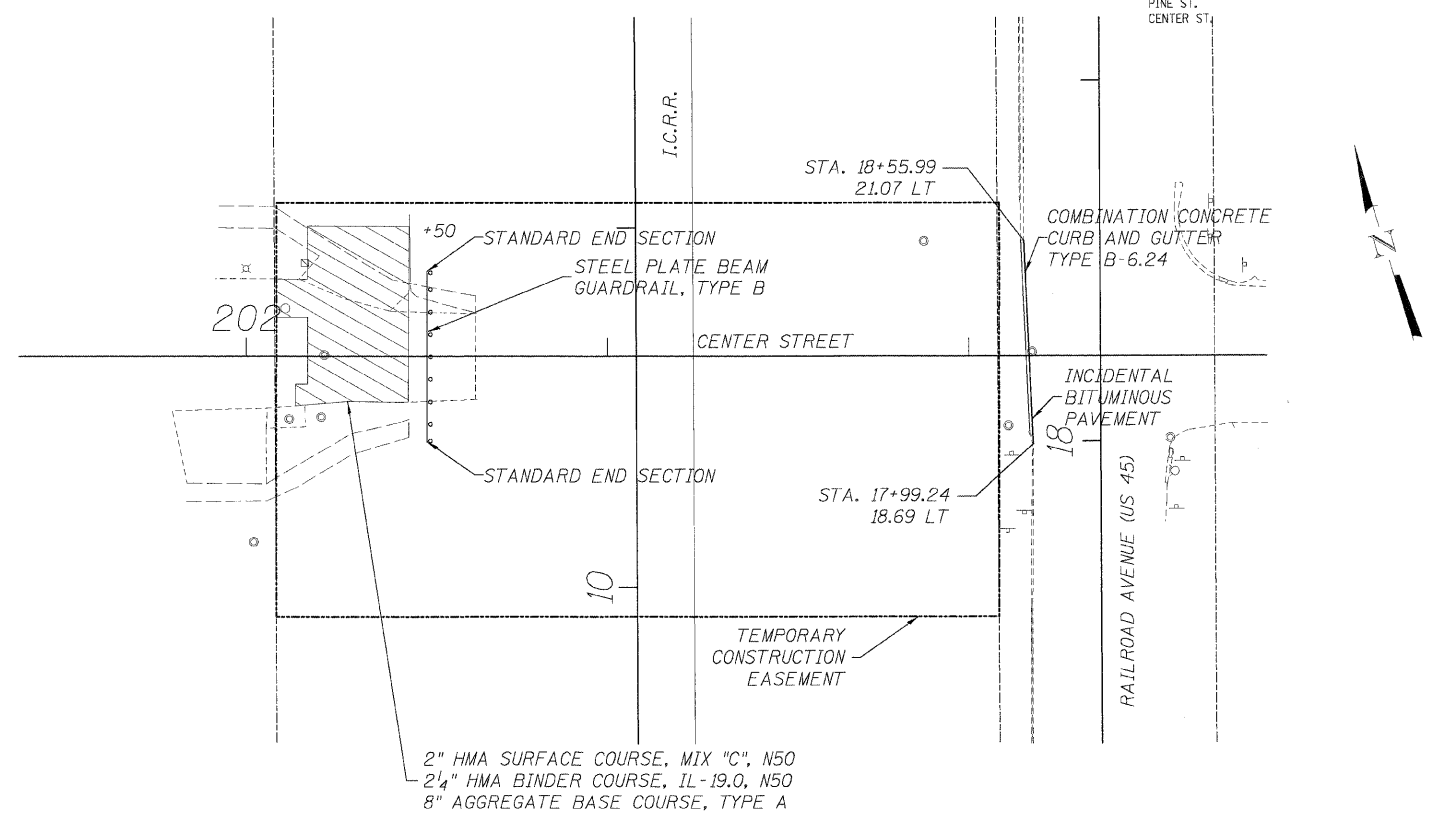
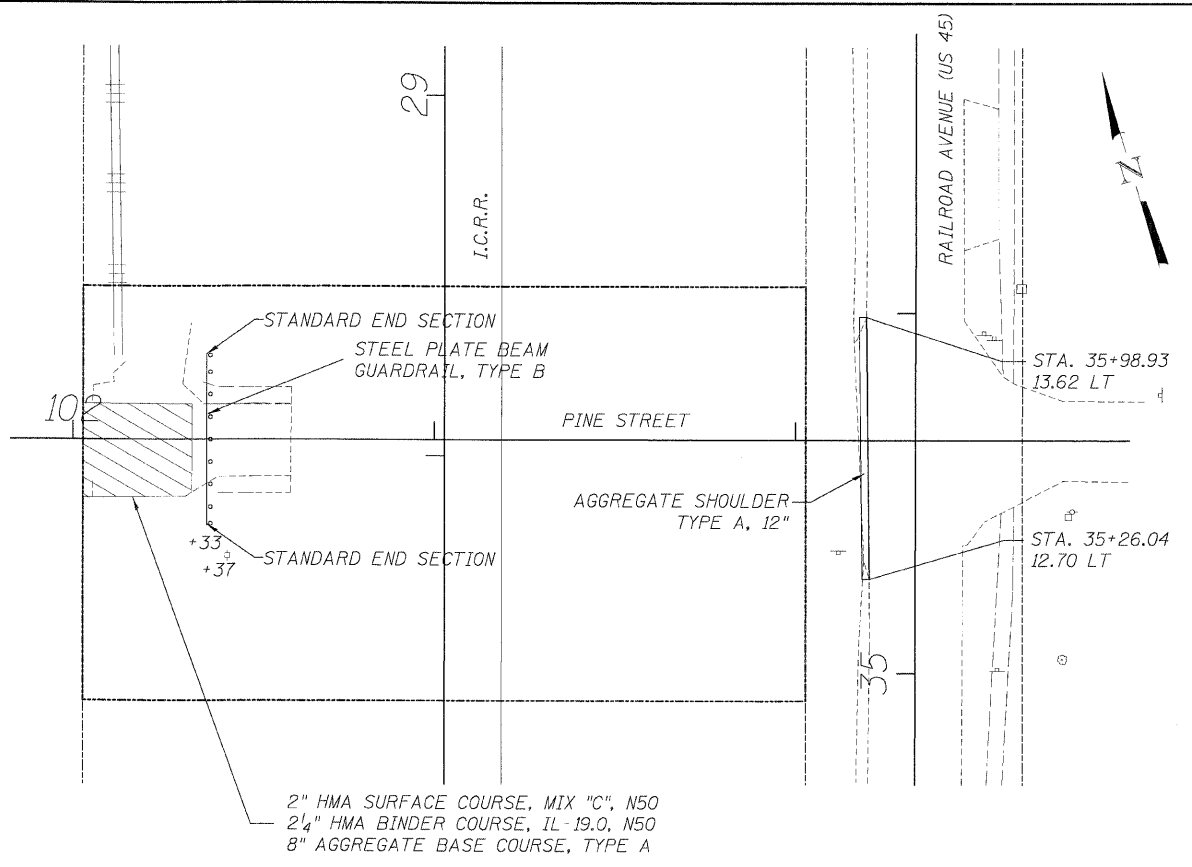


DATE	REVISIONS

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F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	13
FED. ROAD DIST. NO. 3		ILLINOIS	CONTRACT NO. 87198	



ROADWAY PLAN
PINE STREET AND CENTER STREET
HOLMES STREET OVER
ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

DESIGN BY KLA	DRAWING NO. C-13	Job# C-93-016-01
DRAWN BY DWO	DATE 7/1/08	SCALE 1/4" = 1'-0"
CHECKED BY JAH		



DATE	REVISIONS

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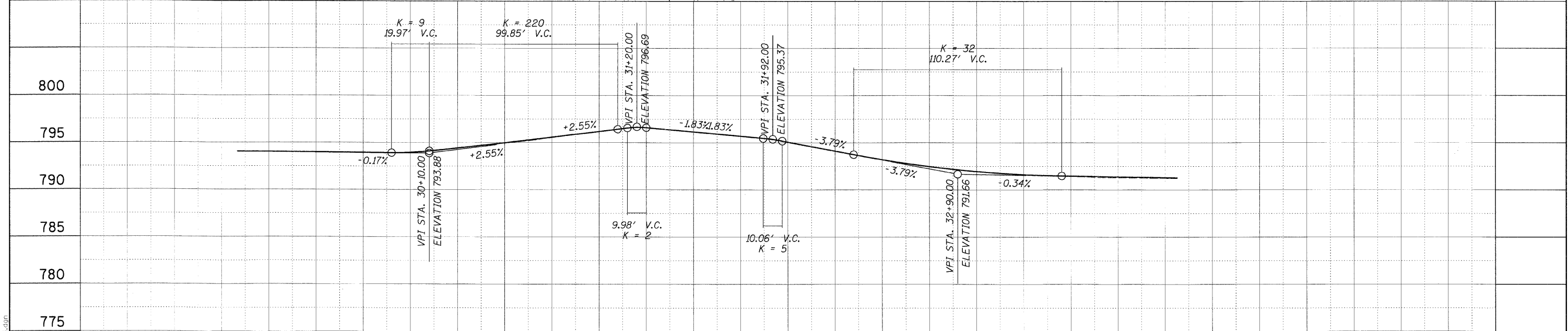
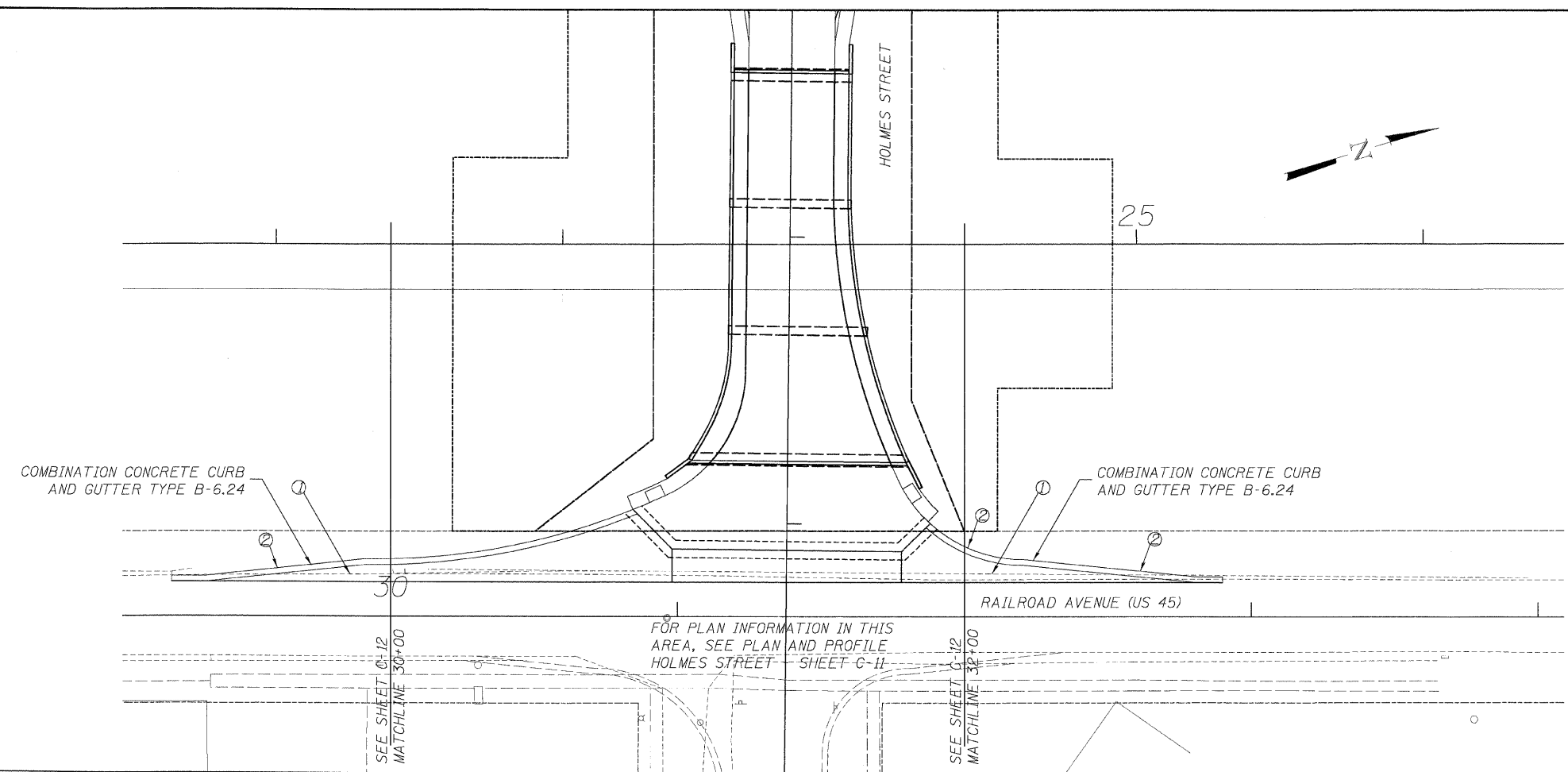
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F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	14
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

• HOLMES ST.
PINE ST.
CENTER ST.

NOTES:

- ① PCC BASE COURSE 9"
SUB-BASE GRANULAR MATERIAL 4"
BIT CONC BINDER COURSE, MIX B, TYPE 2
BIT CONC SURFACE COURSE, MIX D, TYPE 2
- ② SEE DETAIL SHEET C-28 FOR CURB RADII & TAPER INFO, AND SPOT ELEVATIONS



**PLAN AND PROFILE
RAILROAD AVENUE (US 45)**
HOLMES STREET OVER
ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

DESIGN BY KLA	DRAWING NO. C-14	Job# C-93-016-01
DRAWN BY DWQ	DATE 7/1/08	SCALE H: 1"=25'
CHECKED BY JAH		V: 1"=5'



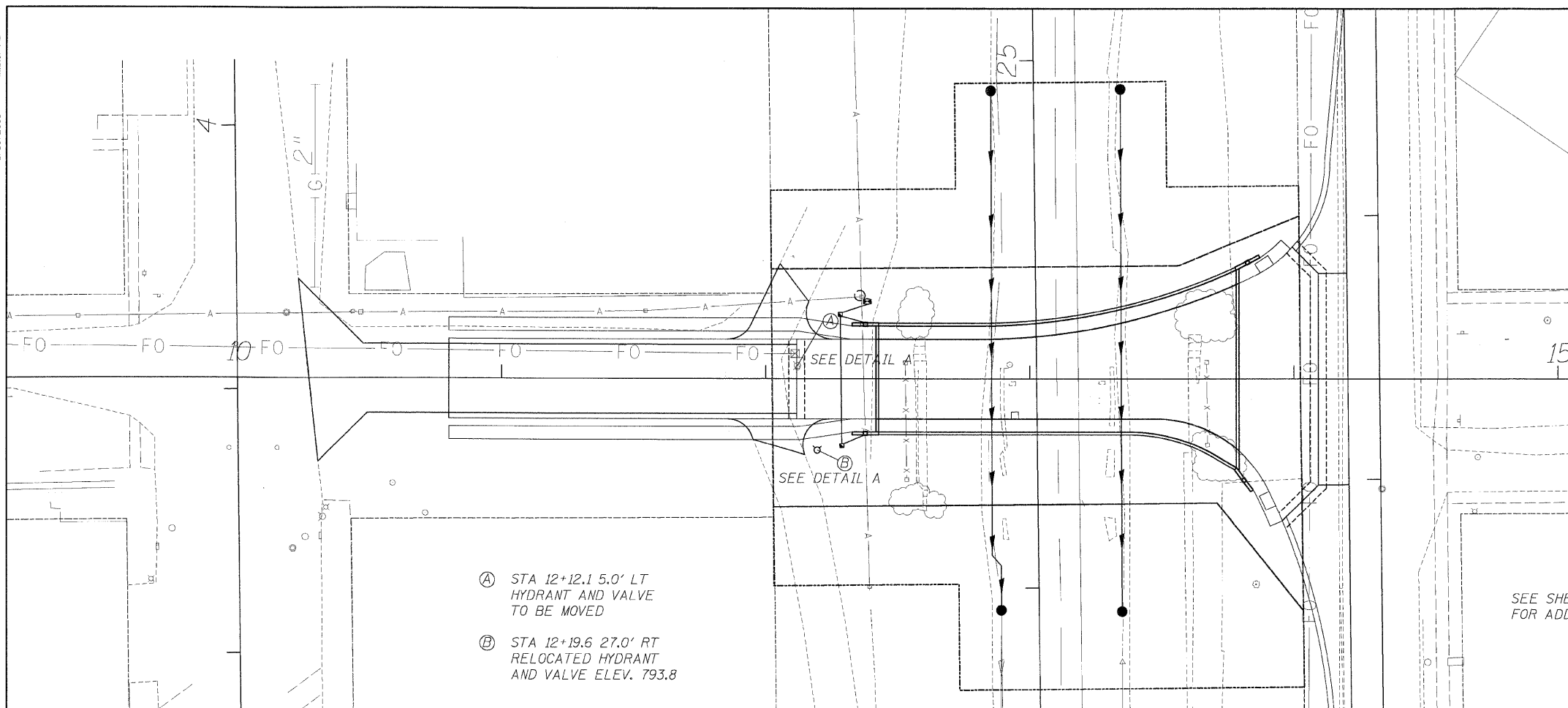
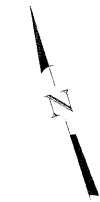
DATE	REVISIONS

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6/25/2008

F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	15
FED. ROAD DIST. NO. 3		ILLINOIS	CONTRACT NO. 87198	

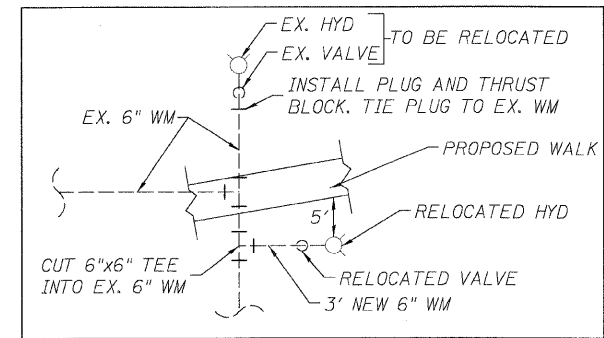
• HOLMES ST.
PINE ST.
CENTER ST.



- Ⓐ STA 12+12.1 5.0' LT
HYDRANT AND VALVE
TO BE MOVED
- Ⓑ STA 12+19.6 27.0' RT
RELOCATED HYDRANT
AND VALVE ELEV. 793.8

SEE DETAIL A
SEE DETAIL A

SEE SHEET C-16 AND C-21
FOR ADDITIONAL UTILITIES



DETAIL A
NTS

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DRAINAGE AND UTILITIES
HOLMES STREET
HOLMES STREET OVER
ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

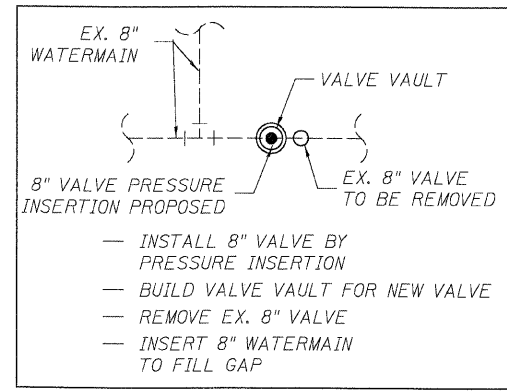
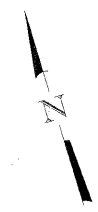
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DRAWN BY DWO	DATE 7/1/08	DATE 7/1/08
CHECKED BY JAH	SCALE 1"=25'	SCALE 1"=5'

Edwards and Kelcey	DATE	REVISIONS

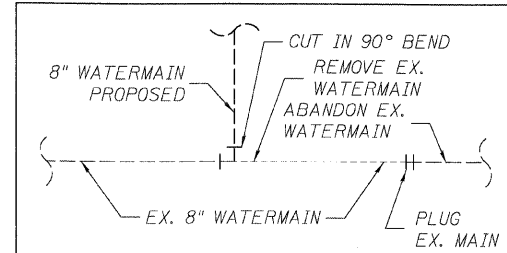
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FAR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 3		ILLINOIS	CONTRACT NO. 87198	

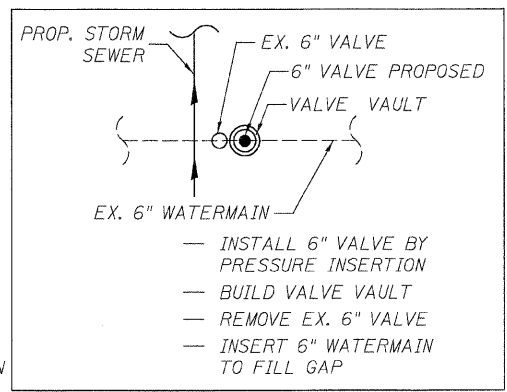
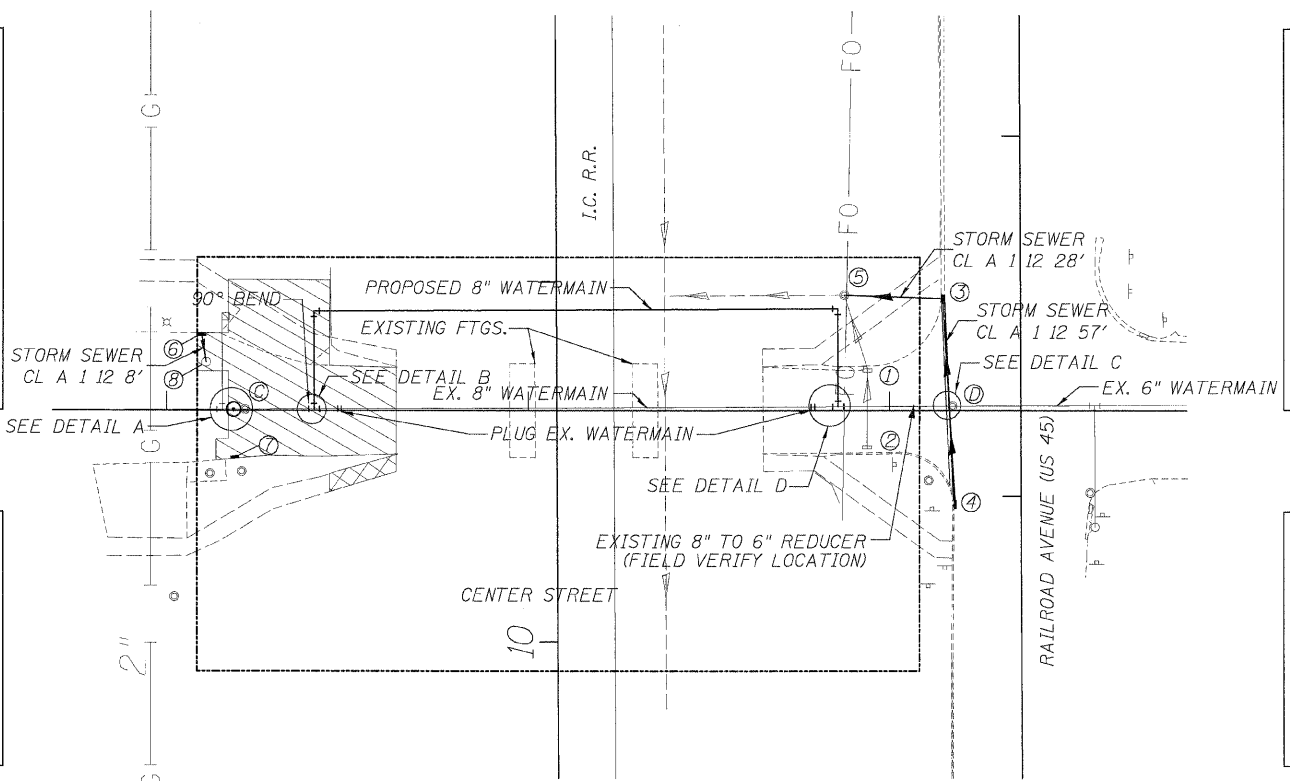
• HOLMES ST.
PINE ST.
CENTER ST.



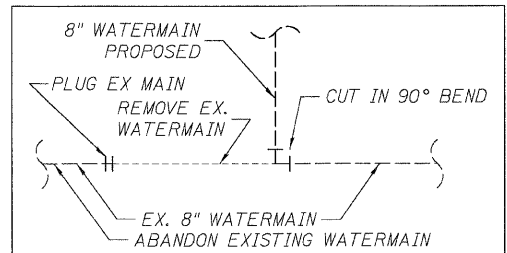
DETAIL A
NTS



DETAIL B
NTS

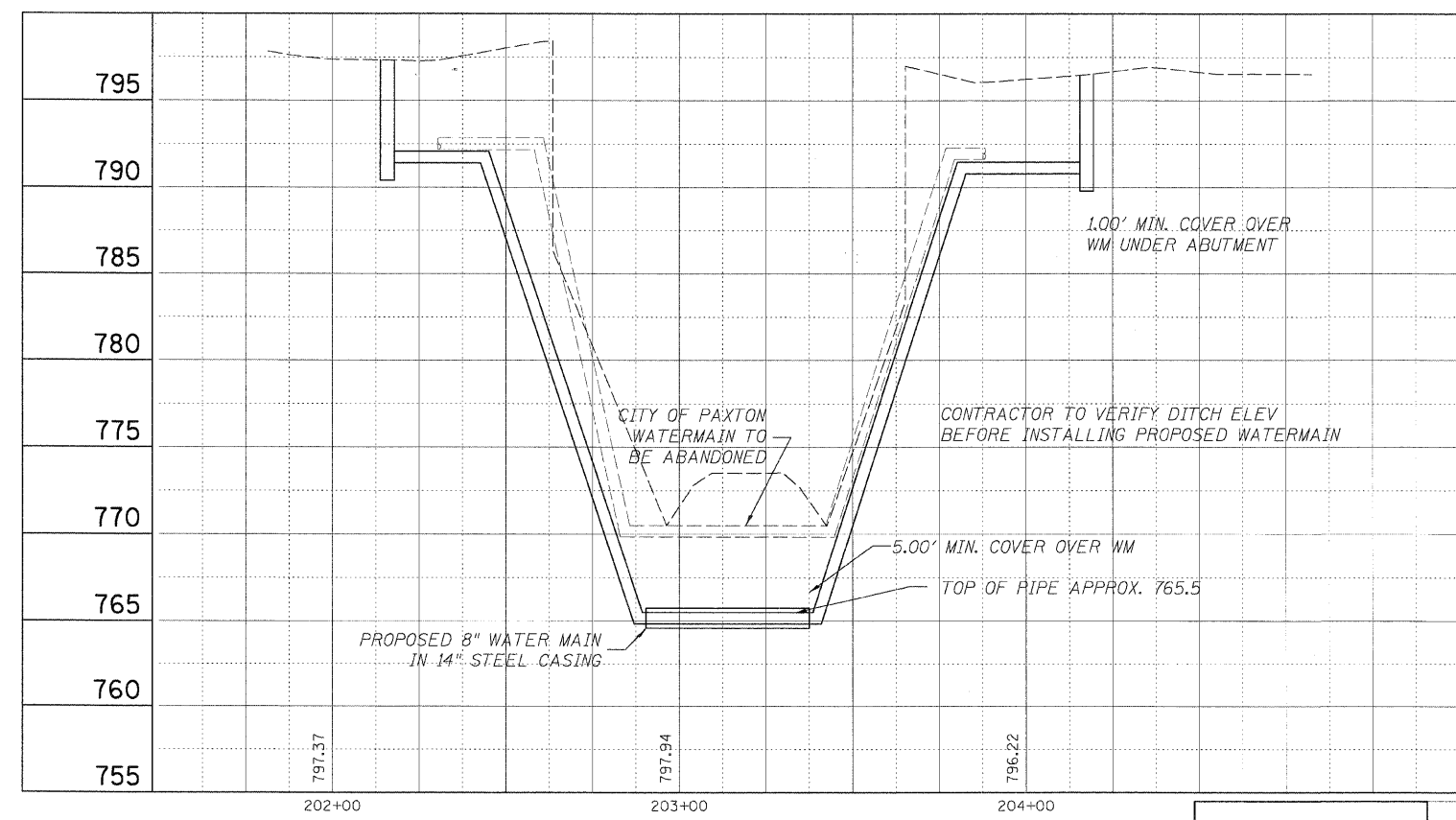


DETAIL C
NTS



DETAIL D
NTS

- ③ STA 202+21.6 OFF 0.3 LT
VALVE VAULT TA 5'
RIM = 797.3
- ④ STA 204+17.5 OFF 1.2 LT
VALVE VAULT TA 5'
RIM = 796.5
- ⑥ STA 202+09.6 OFF 21.5 LT
MH TA 4' T&G
RIM = 796.9
INV = 792.9
- ⑦ STA 202+18.9 OFF 13.3 RT
ADJUST CASTING TO MATCH EX. PVMT.
RIM =
- ⑧ STA 202+10.9 OFF 13.4 LT
SALVAGE EX. CASTING
CAST BASE CLOSE LID T5
RIM = 797.0



- ① STA 203+93.9 OFF 11.5 LT
SALVAGE EX. CASTING
CAST BASE CLOSE LID T5
FILL MH
- ② STA 203+93.8 OFF 10.5 RT
SALVAGE EX. CASTING
CAST BASE CLOSE LID T5
FILL MH
- ③ STA 204+14.3 OFF 31.0 LT
MH TA 4' T&G
RIM = 796.3
INV = 792.17
- ④ STA 204+17.9 OFF 25.9 RT
MH TA 4' T&G
RIM = 796.4
INV = 792.4
- ⑤ STA 203+87.5 OFF 32.0 LT
EX MH
RIM = 796.3
INV = 792.0

NOTES:

CONTRACTOR TO VERIFY EXISTING RIM AND INVERT ELEVATIONS.

ALL WATERMAIN SHALL HAVE MINIMUM 5' COVER



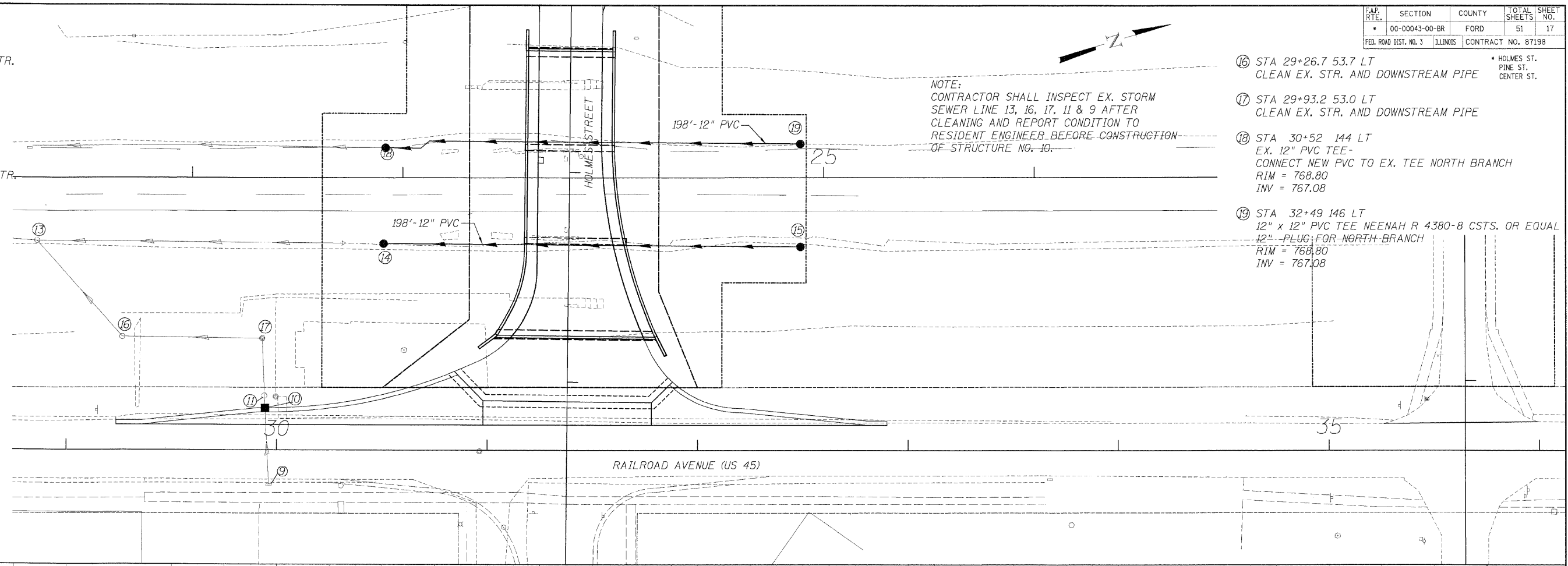
DRAINAGE AND UTILITIES CENTER STREET			
HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD CITY OF PAXTON, FORD COUNTY			
DESIGN BY KLA	DRAWING NO. C-16	DATE 7/1/08	Job# C-93-016-01
DRAWN BY DWG	CHECKED BY JAH	SCALE 1/4" = 1'-0"	SCALE 1/4" = 5'
DATE	REVISIONS		

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F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	17
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

- ⑨ STA 29+96.1 16.2 RT
CLEAN EX. DRAINAGE STR.
- ⑩ STA 29+94.5 17.9 LT
CB TA T24 F&G
RIM=793.50
BUILD OVER EX.
STORM SEWER
- ⑪ STA 29+94.2 25.9 LT
CLEAN EX DRAINAGE STR.
AND DOWNSTREAM PIPE
INV S.=790.32
RIM=793.62
- ⑫ DELETED
- ⑬ STA 28+86.2 99.5 LT
CONNECT TO EX MH
INV E.=766.76
BLOCK EX. PIPE NE
- ⑭ STA 30+52.0 98.0' LT
EX. 12" PVC TEE
CONNECT NEW
12" PVC TO EX. TEE
(NORTH)
RIM=768.0
INV=766.88
- ⑮ STA 32+48.9 97.1 LT
12" x 12" PVC TEE
NEENAH R 4380-8
CSTG (OR EQUAL)
12" PLUG FOR
NORTH BRANCH
RIM=768.2
INV=767.13



NOTE:
CONTRACTOR SHALL INSPECT EX. STORM
SEWER LINE 13, 16, 17, 11 & 9 AFTER
CLEANING AND REPORT CONDITION TO
RESIDENT ENGINEER BEFORE CONSTRUCTION
OF STRUCTURE NO. 10.

- ⑯ STA 29+26.7 53.7 LT
CLEAN EX. STR. AND DOWNSTREAM PIPE
- ⑰ STA 29+93.2 53.0 LT
CLEAN EX. STR. AND DOWNSTREAM PIPE
- ⑱ STA 30+52 144 LT
EX. 12" PVC TEE-
CONNECT NEW PVC TO EX. TEE NORTH BRANCH
RIM = 768.80
INV = 767.08
- ⑲ STA 32+49 146 LT
12" x 12" PVC TEE NEENAH R 4380-8 CSTS. OR EQUAL
12" PLUG FOR NORTH BRANCH
RIM = 768.80
INV = 767.08

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DRAINAGE AND UTILITIES
RAILROAD AVENUE (US 45)
 HOLMES STREET OVER
 ILLINOIS CENTRAL RAILROAD
 CITY OF PAXTON, FORD COUNTY

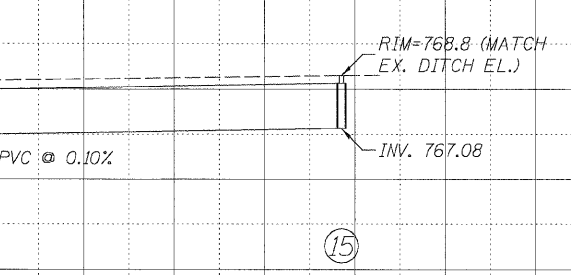
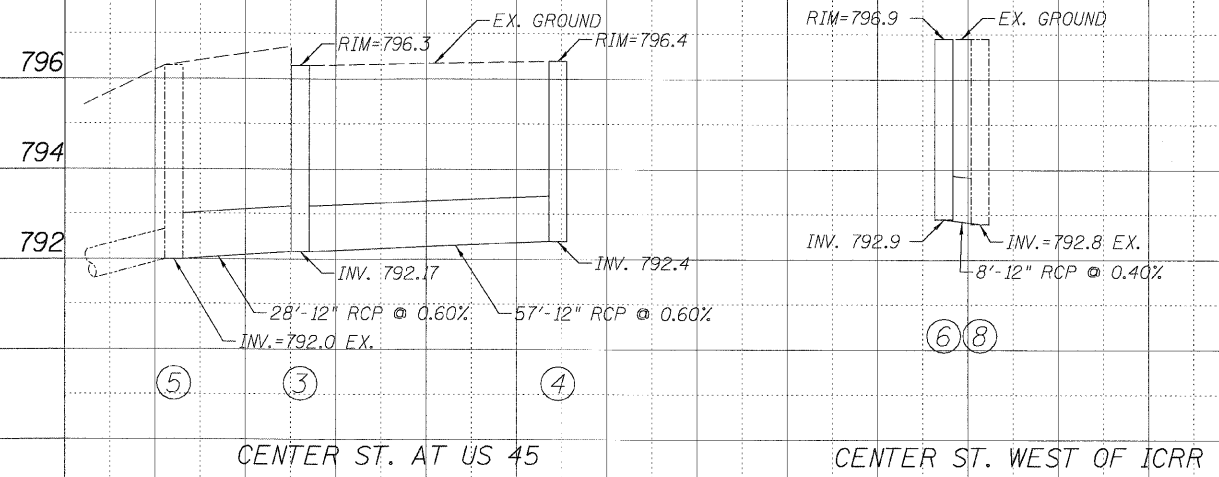
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DRAWN BY DWO	DATE 7/1/08	H: 1"=25'
CHECKED BY JAH	SCALE V: 1"=5'	



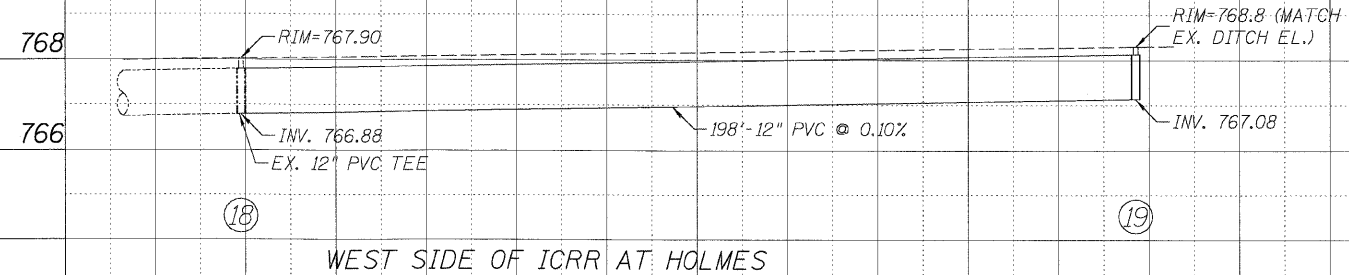
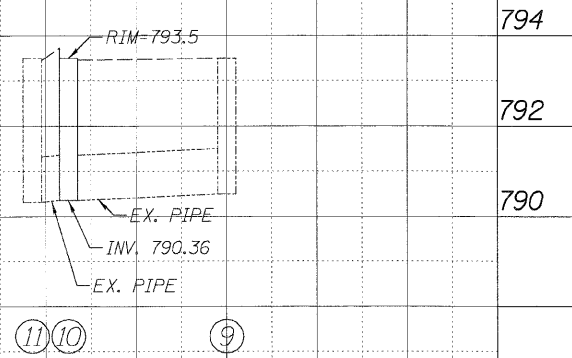
DATE	REVISIONS

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F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	18
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		
• HOLMES ST. PINE ST. CENTER ST.				



CONTRACTOR SHALL VERIFY RIMS AND INVERT ELEVATIONS OF STRUCTURES NO.'S 5, 8, 9, & 11 BEFORE SHOP DRAWINGS ARE ORDERED AND COMPLETED.



DRAINAGE PROFILES
HOLMES STREET OVER
ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

DESIGN BY KLA	DRAWING NO. C-18	Job# C-93-016-01
DRAWN BY DJO	DATE 7/1/08	SCALE 1/4"=1'-0"
CHECKED BY JAH		SCALE 1/2"=1'-0"

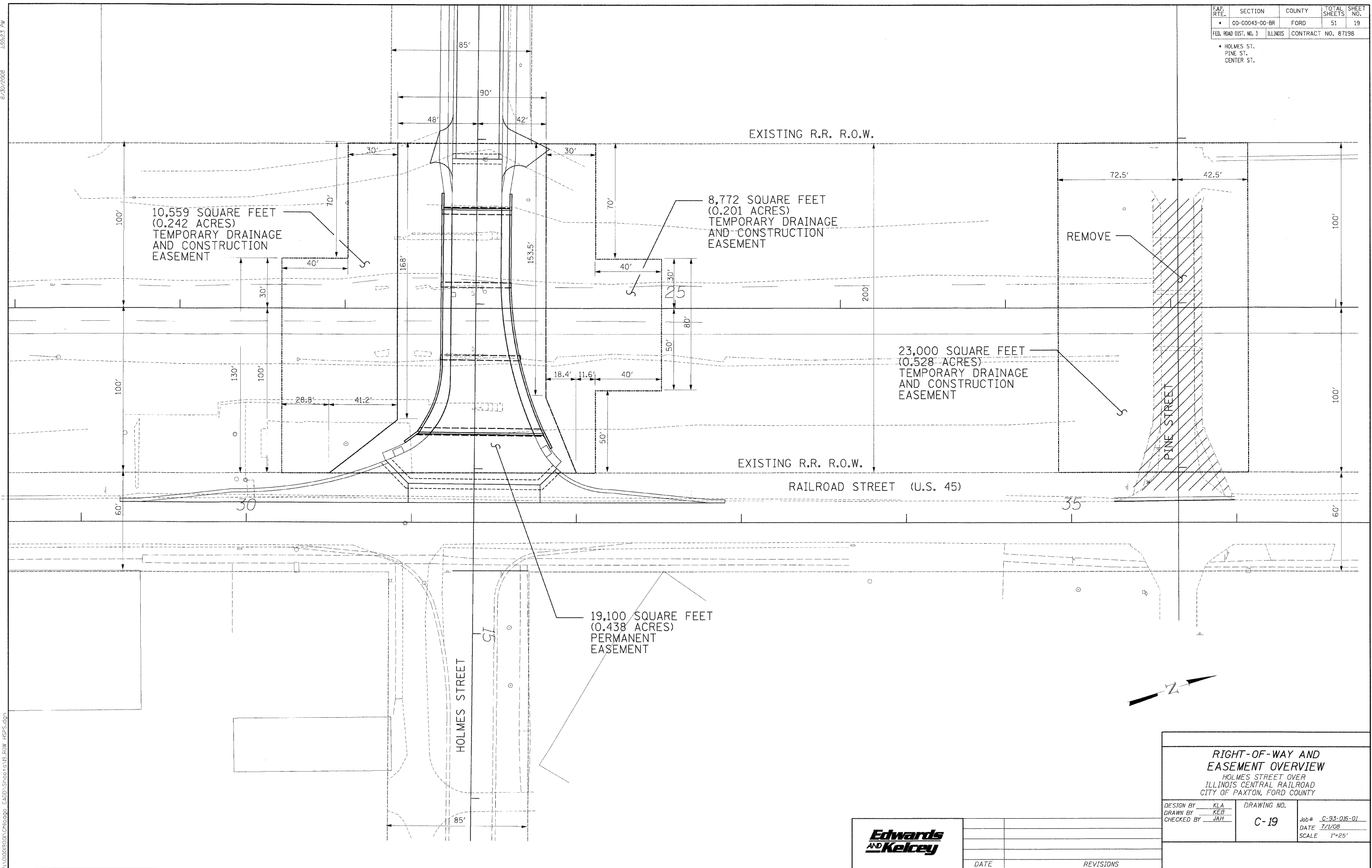


DATE	REVISIONS

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F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	19
FED. ROAD DIST. NO. 3		ILLINOIS	CONTRACT NO. 87198	
• HOLMES ST. PINE ST. CENTER ST.				



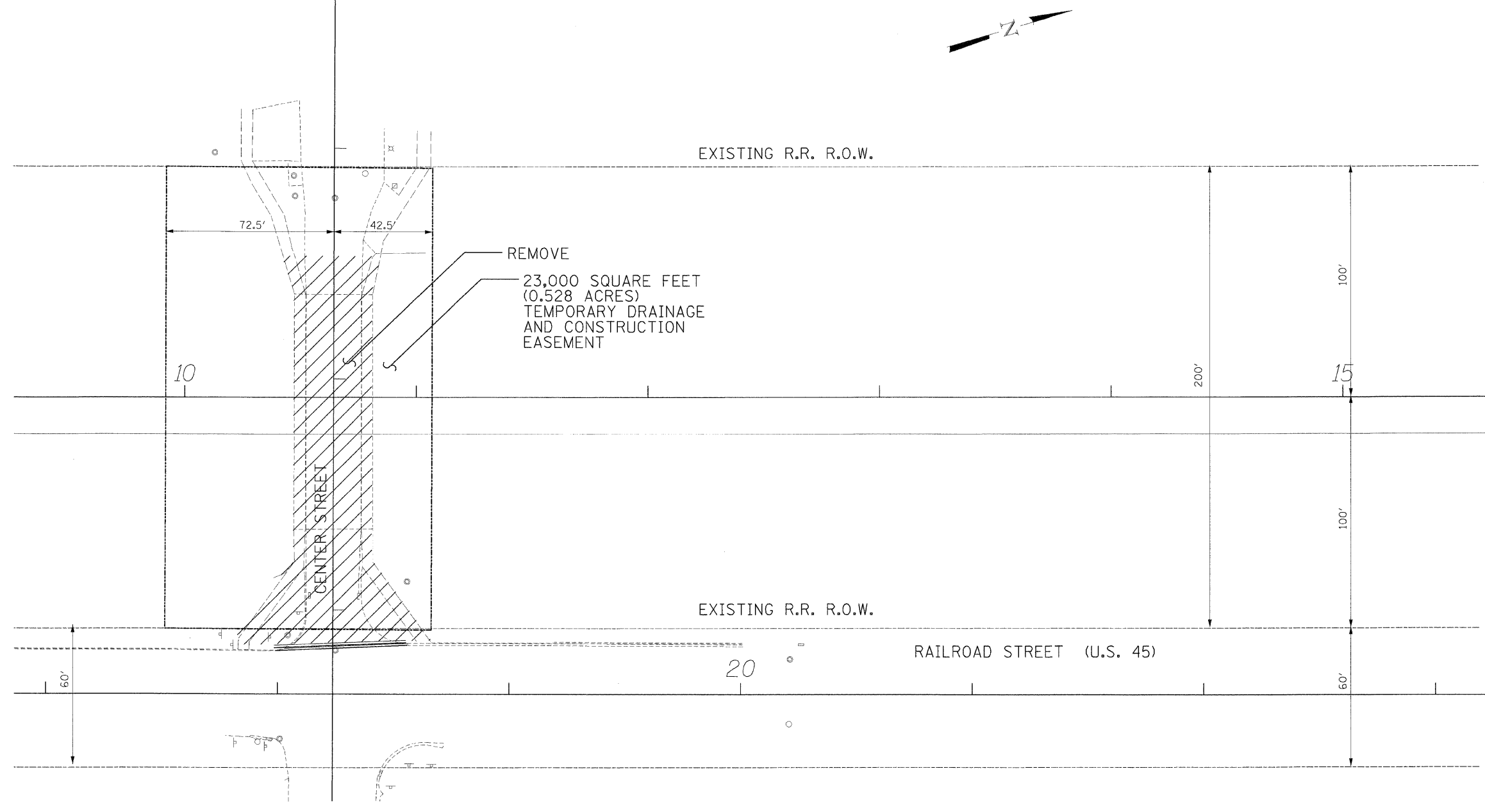
RIGHT-OF-WAY AND EASEMENT OVERVIEW
 HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD
 CITY OF PAXTON, FORD COUNTY

DESIGN BY KLA	DRAWING NO. C-19	Job# C-93-016-01
DRAWN BY KEB	DATE 7/1/08	SCALE 1"=25'
CHECKED BY JAH		

Edwards AND Kelcey	DATE	REVISIONS

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6/30/2008
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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	20
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		
• HOLMES ST. PINE ST. CENTER ST.				



RIGHT-OF-WAY AND EASEMENT OVERVIEW HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD CITY OF PAXTON, FORD COUNTY		
DESIGN BY DRAWN BY CHECKED BY	KLA KEB JAH	DRAWING NO. C-20
		Job# <u>C-93-016-01</u> DATE <u>7/1/08</u> SCALE <u>1"=25'</u>
DATE	REVISIONS	



DATE	REVISIONS

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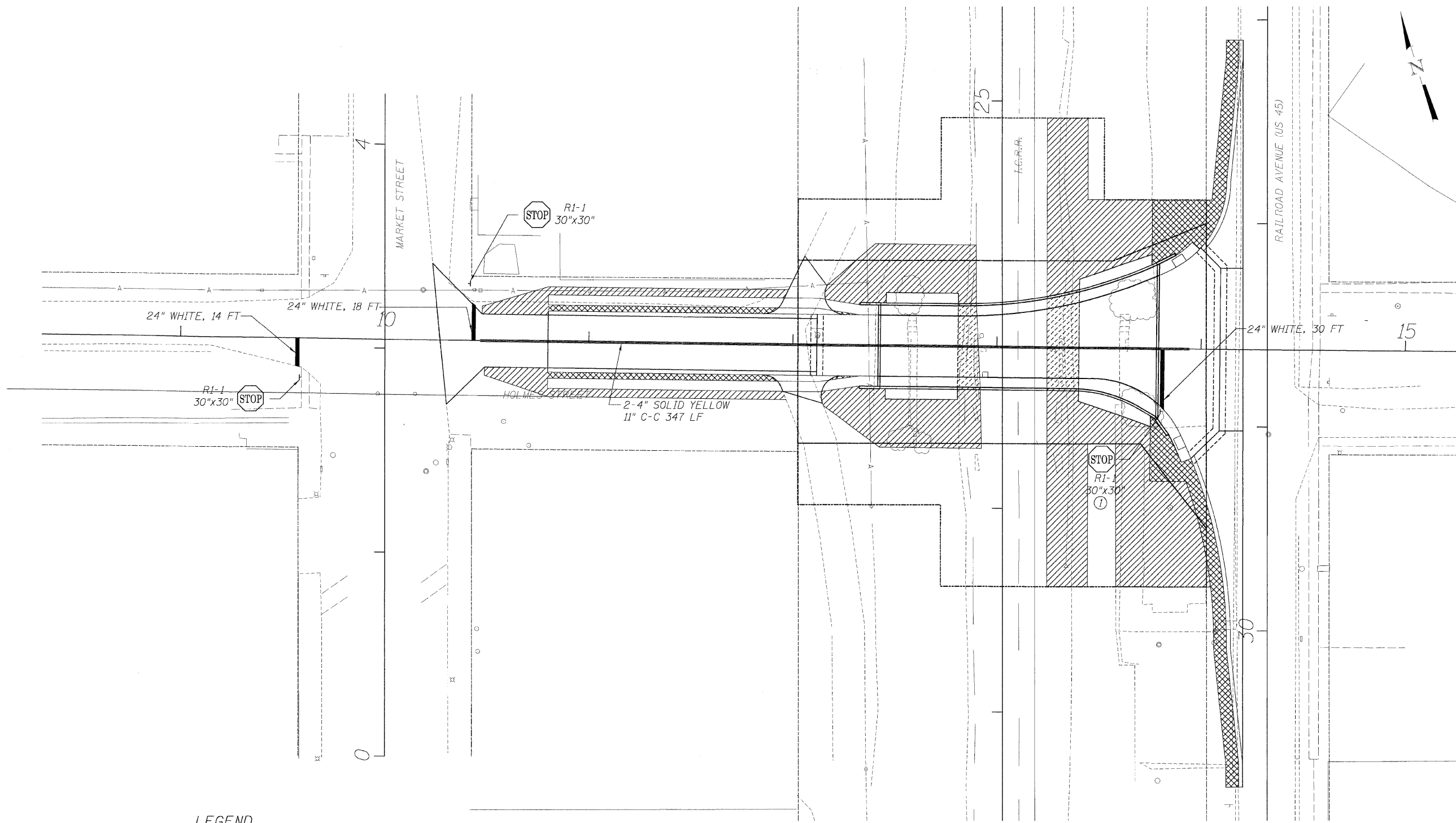
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F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	21

FED. ROAD DIST. NO. 3 ILLINOIS CONTRACT NO. 87198

• HOLMES ST.
PINE ST.
CENTER ST.



LEGEND

-  SODDING, SALT TOLERANT
-  SEEDING, CLASS III

NOTES

ALL PAVEMENT MARKING SHALL BE THERMOPLASTIC

① 9.5' OF TELESCOPING STEEL SIGN SUPPORT PLUS 1 BASE

PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLAN HOLMES STREET
HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

DESIGN BY DRAWN BY CHECKED BY	KLA DWO JAH	DRAWING NO. C-21	Job# DATE SCALE
			C-93-016-01 7/1/08 1"=25'



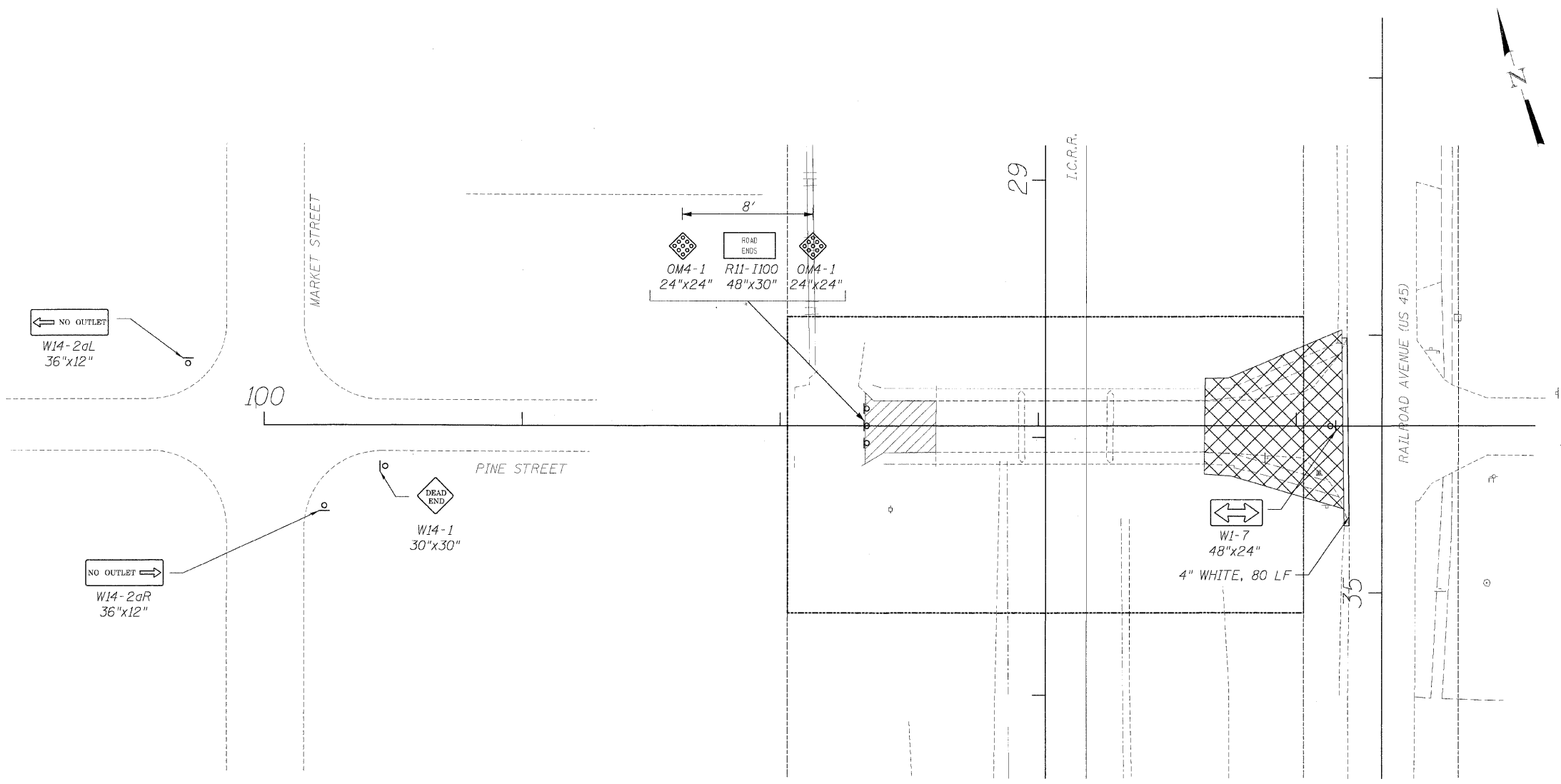
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F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	22
FED. ROAD DIST. NO. 3		ILLINOIS	CONTRACT NO. 87198	

• HOLMES ST.
PINE ST.
CENTER ST.



LEGEND

- SODDING, SALT TOLERANT
- SEEDING, CLASS III

NOTES

1) ALL PAVEMENT MARKINGS SHALL BE THERMOPLASTIC.

PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLAN PINE STREET
HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD
CITY OF FAXTON, FORD COUNTY

DESIGN BY KLA	DRAWING NO. C-22	JOB# C-93-016-01
DRAWN BY DWO	DATE 7/1/08	SCALE 1"=25'
CHECKED BY JAH		



DATE	REVISIONS

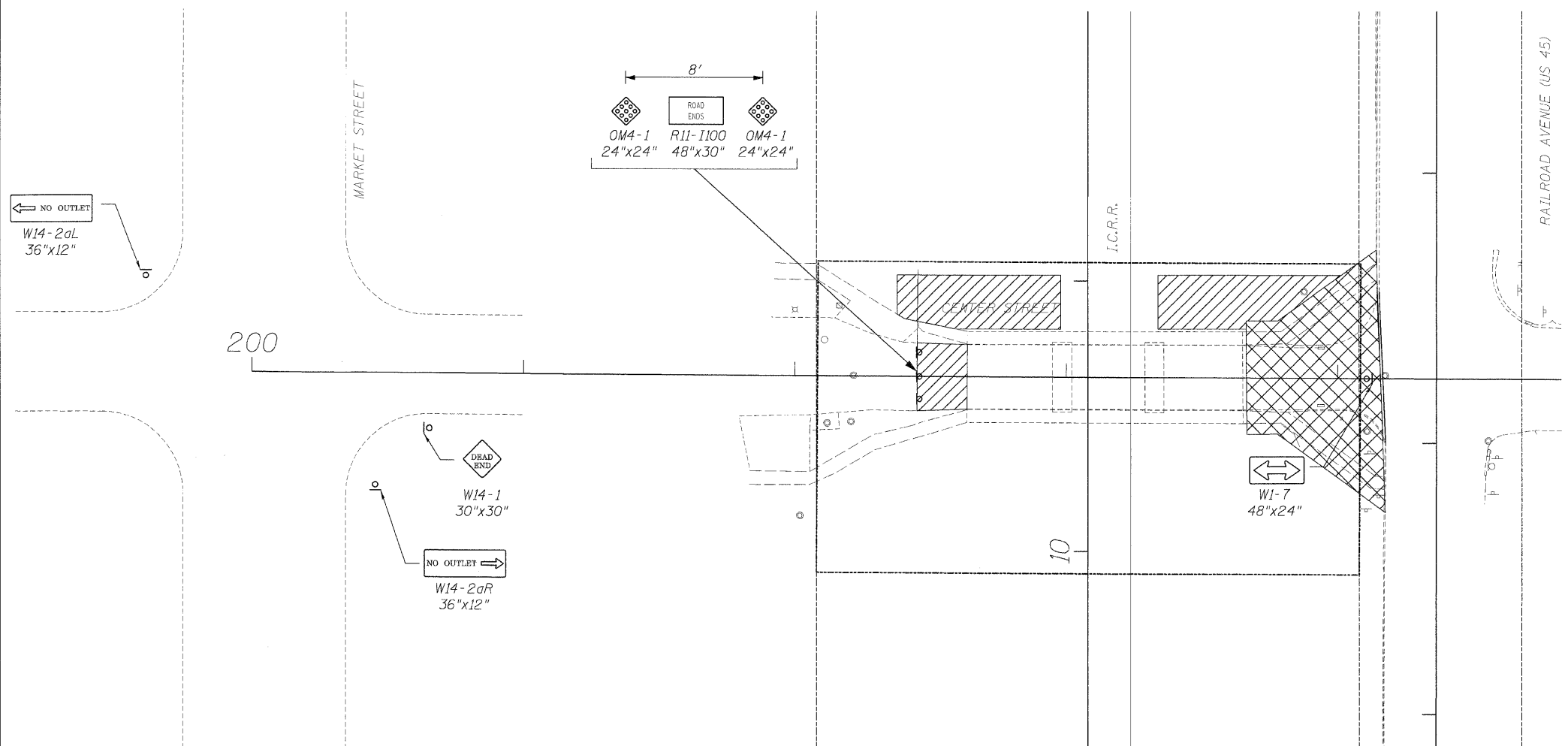
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F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	00-00043-00-BR	FORD	51	23

FED. ROAD DIST. NO. 3 ILLINOIS CONTRACT NO. 87198

• HOLMES ST.
PINE ST.
CENTER ST.



LEGEND

	SODDING, SALT TOLERANT
	SEEDING, CLASS III

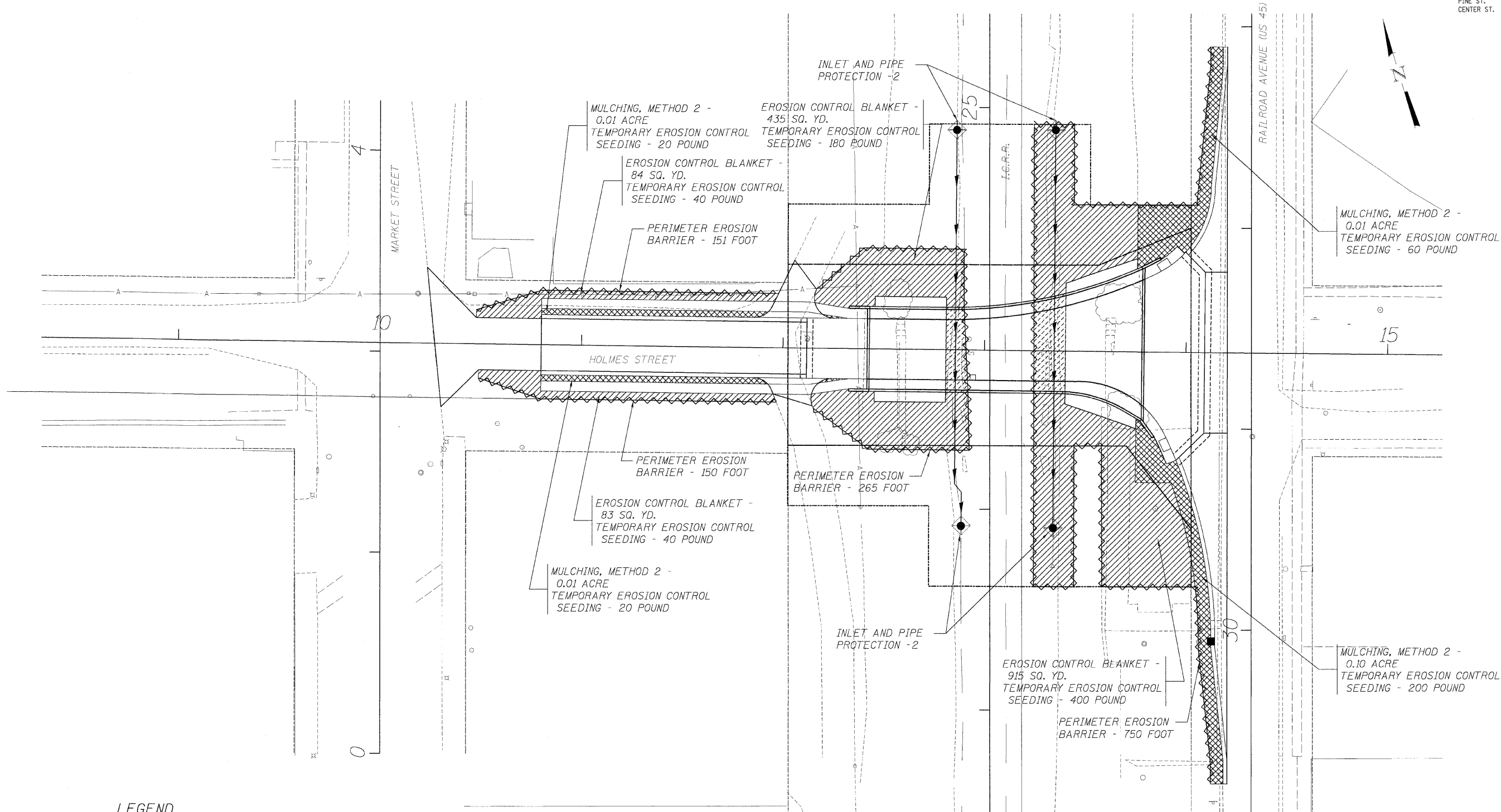
PAVEMENT MARKING, SIGNING, AND LANDSCAPING PLAN CENTER STREET		
HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD CITY OF PAXTON, FORD COUNTY		
DESIGN BY DRAWN BY CHECKED BY	KLA DWO JAH	DRAWING NO. C-23
		Job# C-93-016-01 DATE 7/1/08 SCALE 1"=25'
DATE	REVISIONS	



6/30/2008 1:59:29 PM P:\01009001\Chicago CAD\Sheets\24 Erosion Control\24.dgn

F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	24
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

• HOLMES ST.
PINE ST.
CENTER ST.



LEGEND

- MULCHING, METHOD 2 + TEMPORARY EROSION CONTROL SEEDING
- EROSION CONTROL BLANKET + TEMPORARY EROSION CONTROL SEEDING
- PERIMETER EROSION BARRIER
- INLET AND PIPE PROTECTION

EROSION CONTROL PLAN
HOLMES STREET
HOLMES STREET OVER
ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

DESIGN BY DRAWN BY CHECKED BY	MLM MLM TAL	DRAWING NO. C-24	Job# C-93-016-01 DATE 7/1/08 SCALE 1"=25'
21			

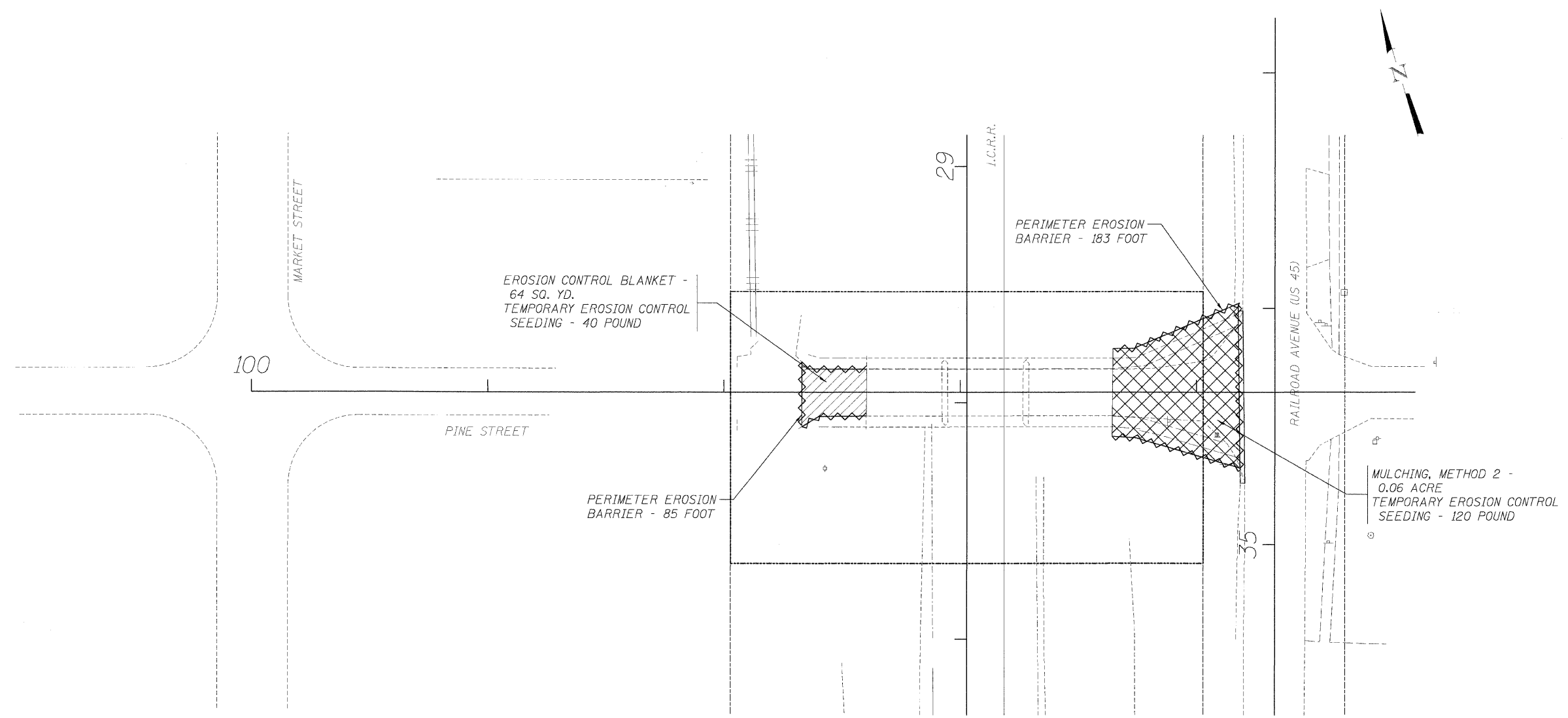
Edwards AND Kelcey	DATE	REVISIONS

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

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F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	25
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

• HOLMES ST.
PINE ST.
CENTER ST.



LEGEND

-  MULCHING, METHOD 2 + TEMPORARY EROSION CONTROL SEEDING
-  EROSION CONTROL BLANKET + TEMPORARY EROSION CONTROL SEEDING
-  PERIMETER EROSION BARRIER

Edwards AND Kelcey	DATE	REVISIONS

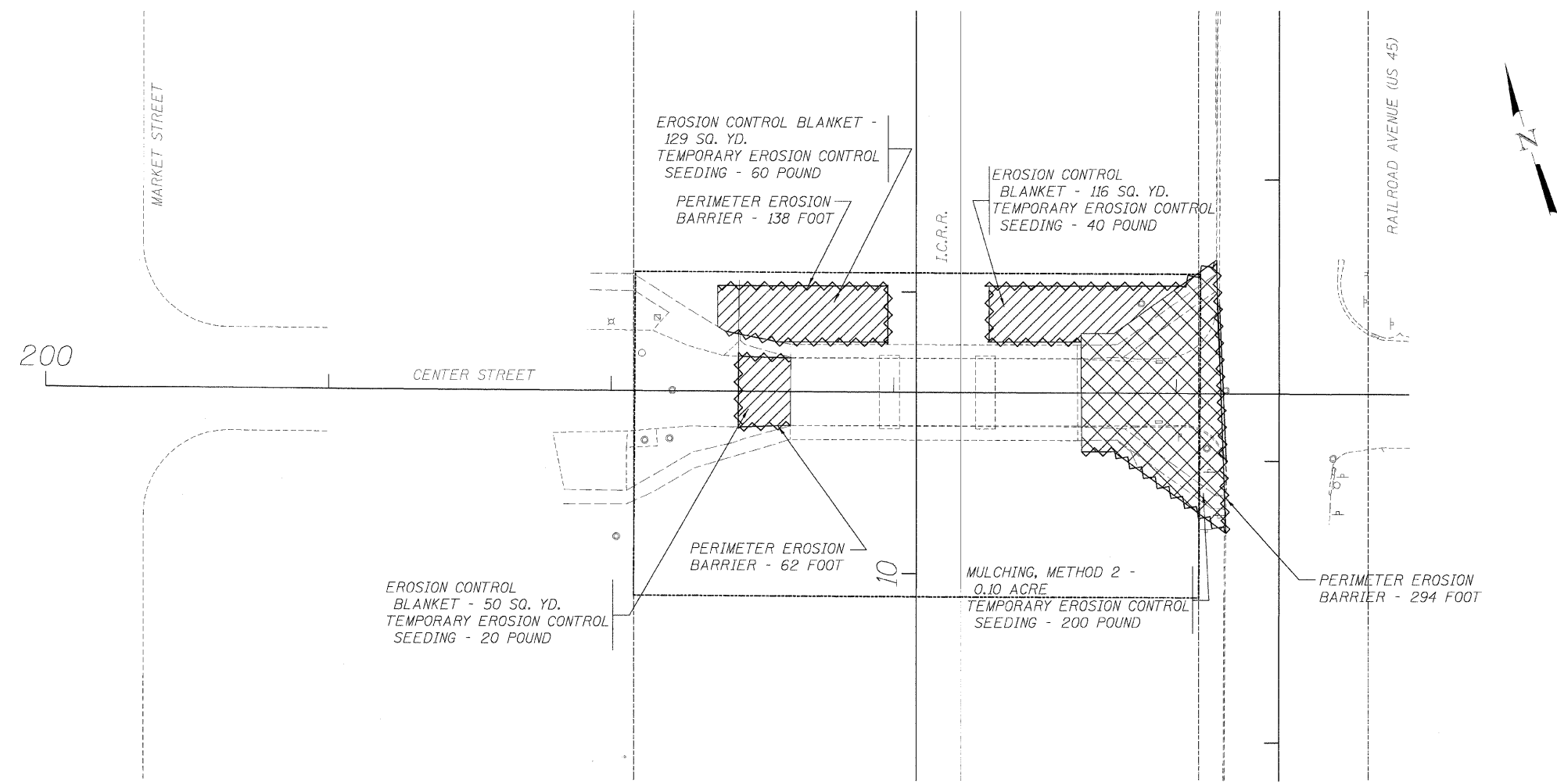
EROSION CONTROL PLAN PINE STREET		
HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD CITY OF PAXTON, FORD COUNTY		
DESIGN BY <u>MLM</u>	DRAWING NO.	Job# <u>C-93-016-01</u>
DRAWN BY <u>MLM</u>	C-25	DATE <u>7/1/08</u>
CHECKED BY <u>TAL</u>		SCALE <u>1"=25'</u>

6/24/2008 1:59:32 PM




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F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	26
FED. ROAD DIST. NO. 3		ILLINOIS	CONTRACT NO. 87196	

• HOLMES ST.
PINE ST.
CENTER ST.



LEGEND

-  MULCHING, METHOD 2 + TEMPORARY EROSION CONTROL SEEDING
-  EROSION CONTROL BLANKET + TEMPORARY EROSION CONTROL SEEDING
-  PERIMETER EROSION BARRIER

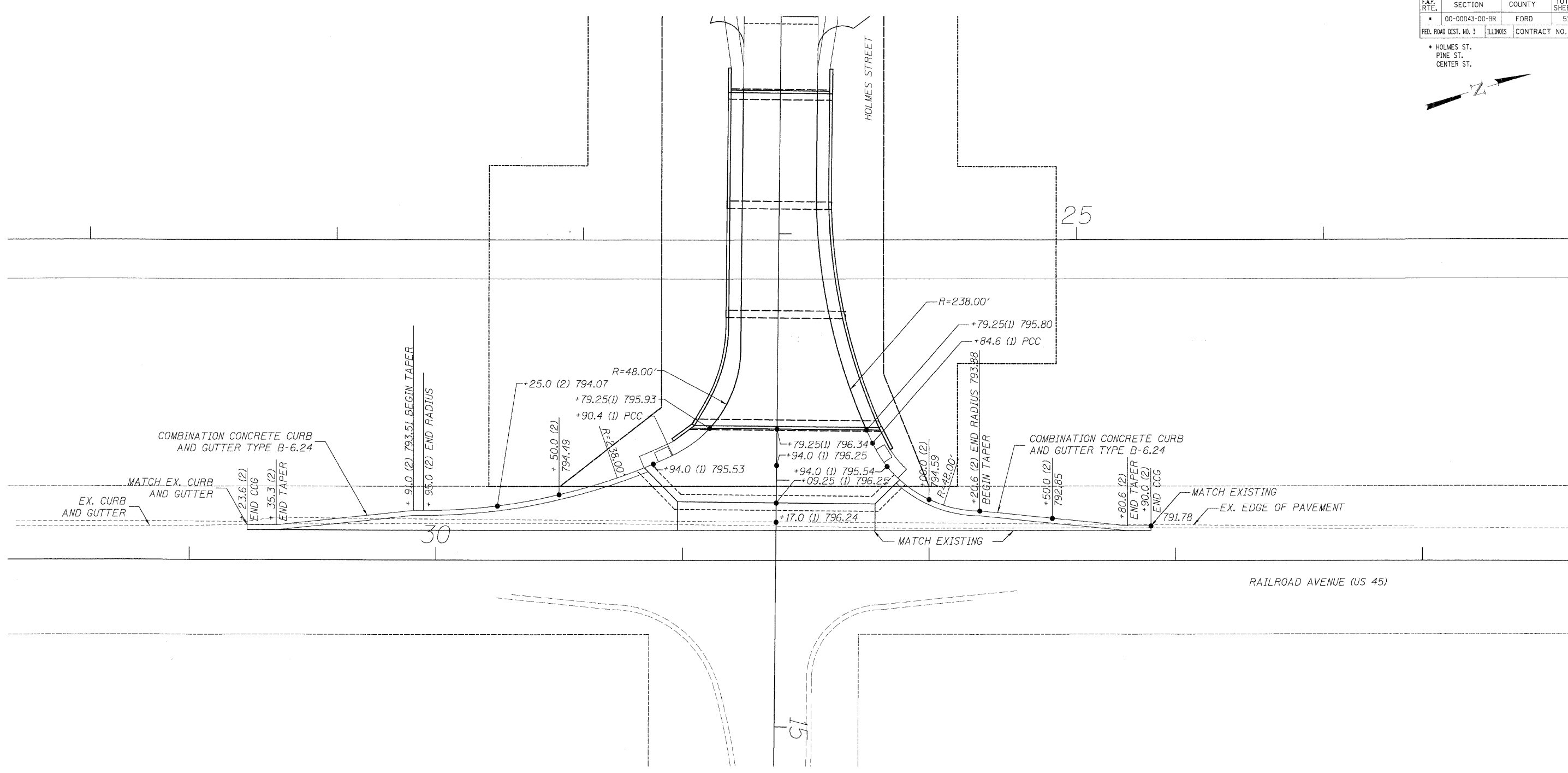
EROSION CONTROL PLAN CENTER STREET HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD CITY OF PAXTON, FORD COUNTY		
DESIGN BY <u>MLM</u>	DRAWING NO.	Job# <u>C-93-016-01</u>
DRAWN BY <u>MLM</u>	C-26	DATE <u>7/1/08</u>
CHECKED BY <u>TAI</u>		SCALE <u>1"=25'</u>

Edwards AND Kelcey	DATE	REVISIONS

6/30/2008 4:55:34 PM

F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	28
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87196		

• HOLMES ST.
PINE ST.
CENTER ST.



NOTES

- ① STATIONING ALONG HOLMES STREET
- ② STATIONING ALONG RAILROAD AVENUE (US 45)
- ③ ALL ELEVATIONS SHOWN FOR CURB AND GUTTER ARE ON FLOWLINE OF GUTTER.

**CURB AND PAVEMENT ELEVATIONS
HOLMES STREET AND US 45**
HOLMES STREET OVER
ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

DESIGN BY <u>KLA</u>	DRAWING NO.	Job# <u>C-93-016-01</u>
DRAWN BY <u>DWO</u>	C-28	DATE <u>7/1/08</u>
CHECKED BY <u>JAH</u>		SCALE <u>1"=20'</u>



DATE	REVISIONS

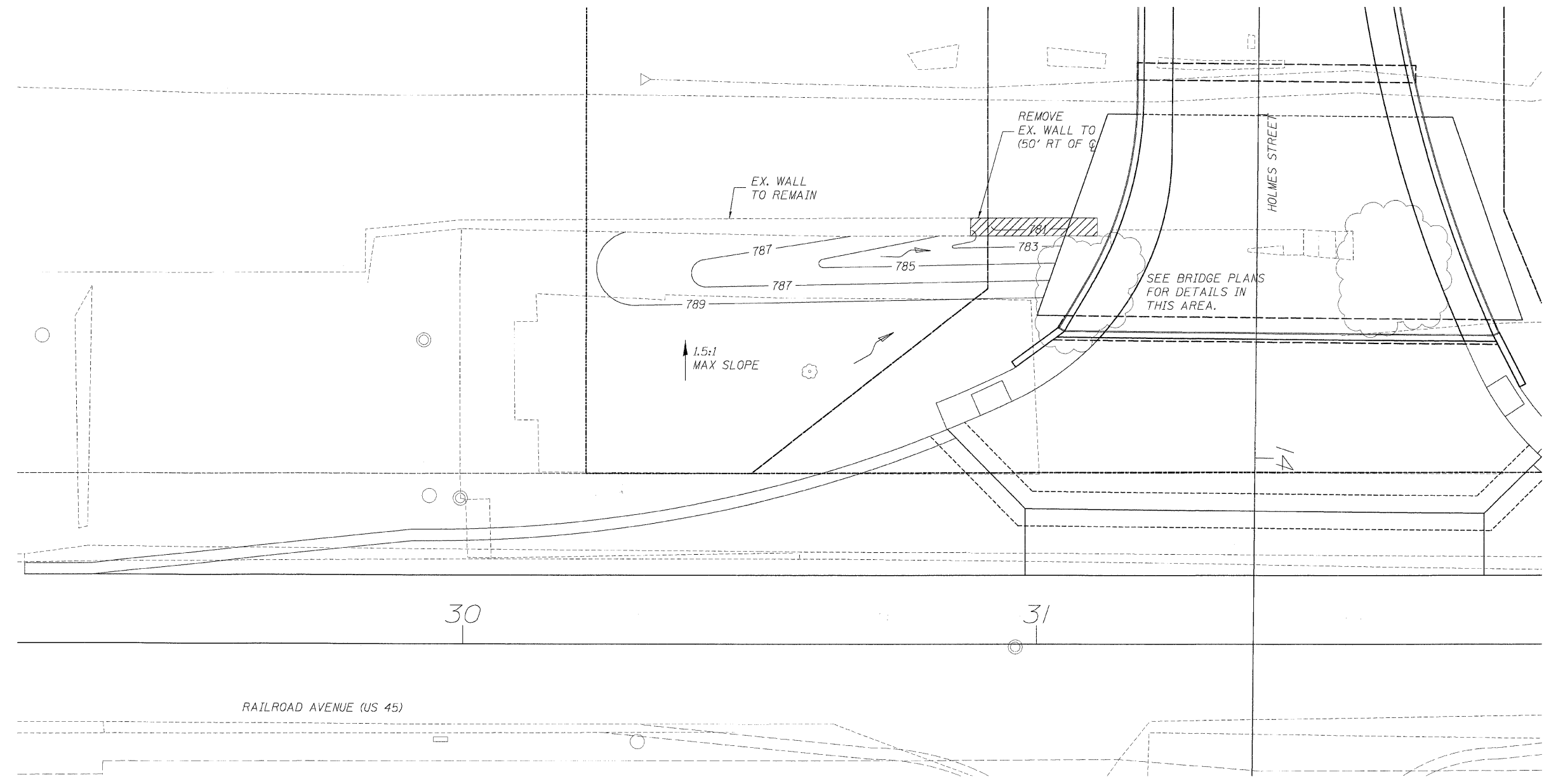
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F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	29
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

• HOLMES ST.
• PINE ST.
• CENTER ST.



NOTES

- GRADE ADJACENT TO EX. WALL
MAX SLOPE 1 1/2 H:1 V.
- GRADE SWALE TO DRAIN TO NORTH.
- CONTRACTOR TO VERIFY TIE-IN
ELEVATIONS BEFORE GRADING.
- GRADING TO TIE IN TO BRIDGE
SLOPE PAVEMENT.

LEGEND

- FLOW DIRECTION
- 785 CONTOUR

GRADING DETAIL BEHIND EX. RETAINING WALL		
HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD CITY OF PAXTON, FORD COUNTY		
DESIGN BY DRAWN BY CHECKED BY	KLA DKD JAH	DRAWING NO. C-29
		Job# C-93-016-01 DATE 7/1/08 SCALE 1"=10'

Edwards AND Kelcey	DATE	REVISIONS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	30
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

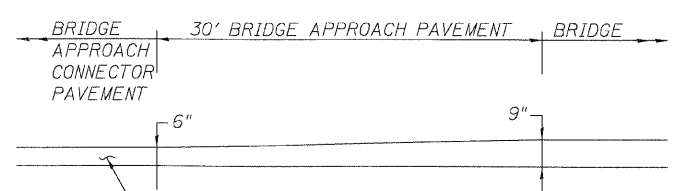
• HOLMES ST.
PINE ST.
CENTER ST.



MODIFIED SECTION D-D
SHEET 3 OF 4
STANDARD 420401-06

N.T.S.

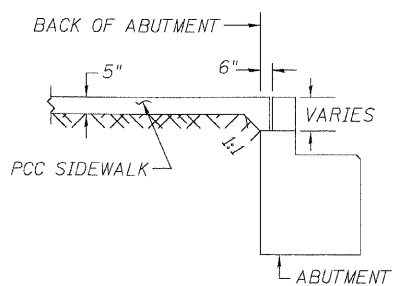
- ① SEE DETAIL BELOW - FOR ALL OTHER DIMENSIONS SEE STD 420401-06
- ② SEE STD 420401-06 FOR ALL OTHER DIMENSIONS



BRIDGE APPROACH PAVEMENT CURB HEIGHT TRANSITION DETAIL

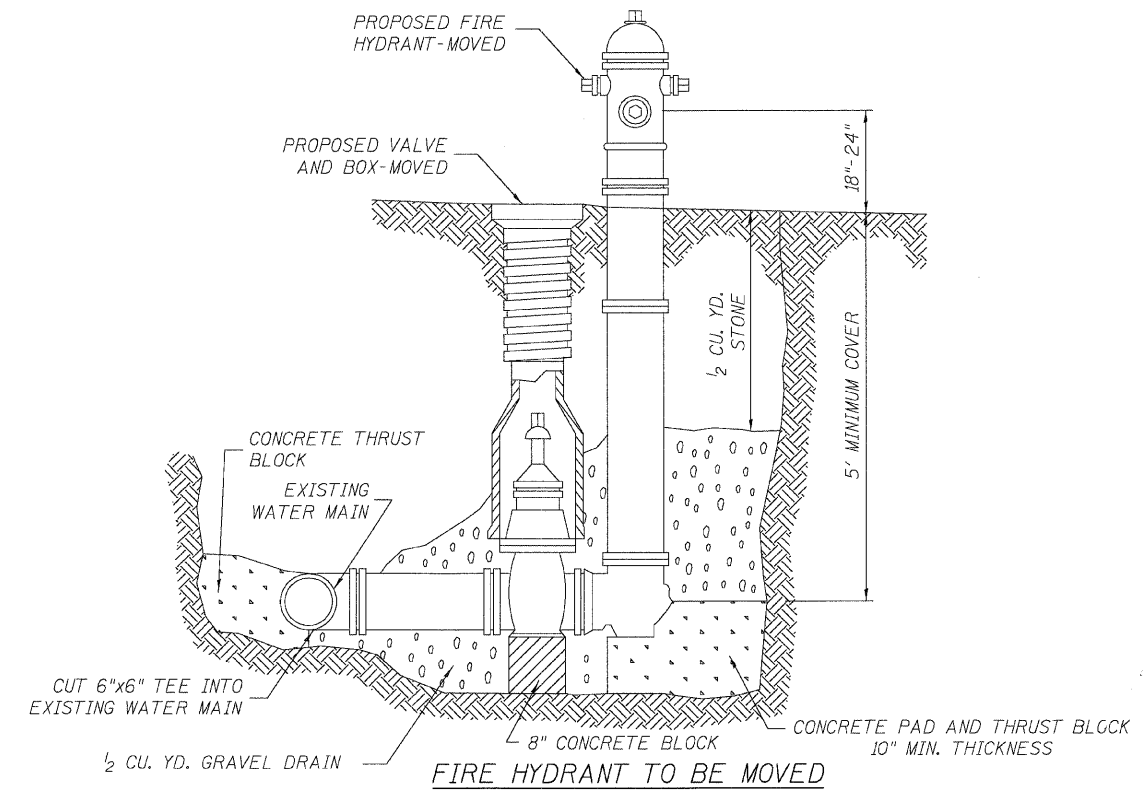
N.T.S.

COMBINATION CONCRETE CURB AND GUTTER TYPE B-6,24



SIDEWALK TRANSITION AT ABUTMENT

N.T.S.



FIRE HYDRANT TO BE MOVED

ALL WORK TO BE DONE IN ACCORDANCE WITH ARTICLE 564 OF THE STANDARD SPECIFICATIONS.

SPECIAL DETAILS

HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD CITY OF PAXTON, FORD COUNTY

DESIGN BY KLA	DRAWING NO. C-30	Job# C-93-016-01
DRAWN BY DWO		DATE 7/1/08
CHECKED BY JAH		SCALE N.T.S.



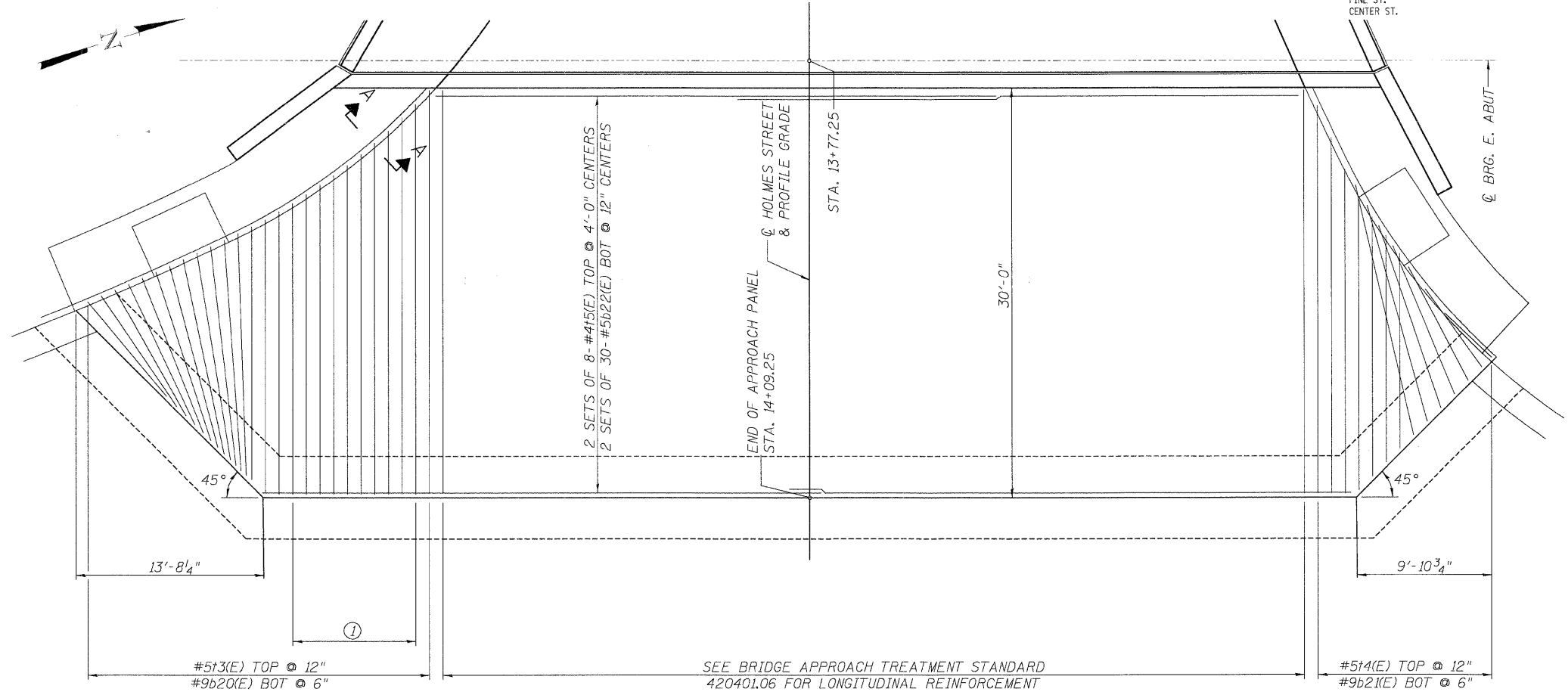
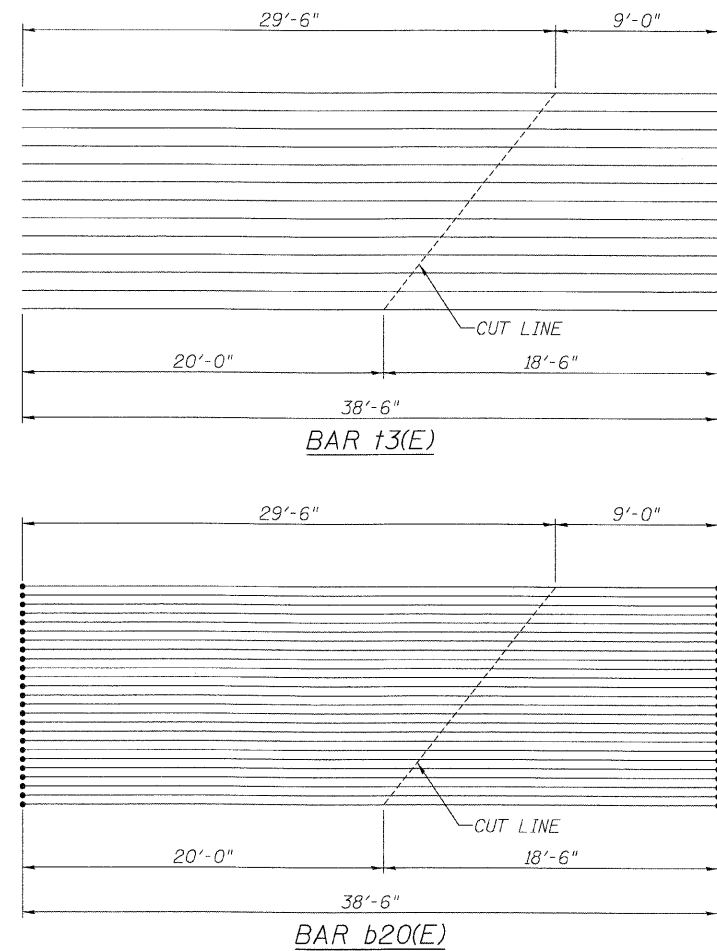
DATE	REVISIONS

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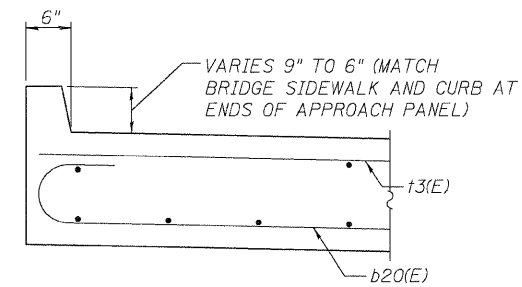
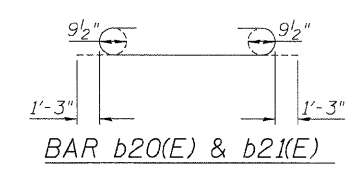
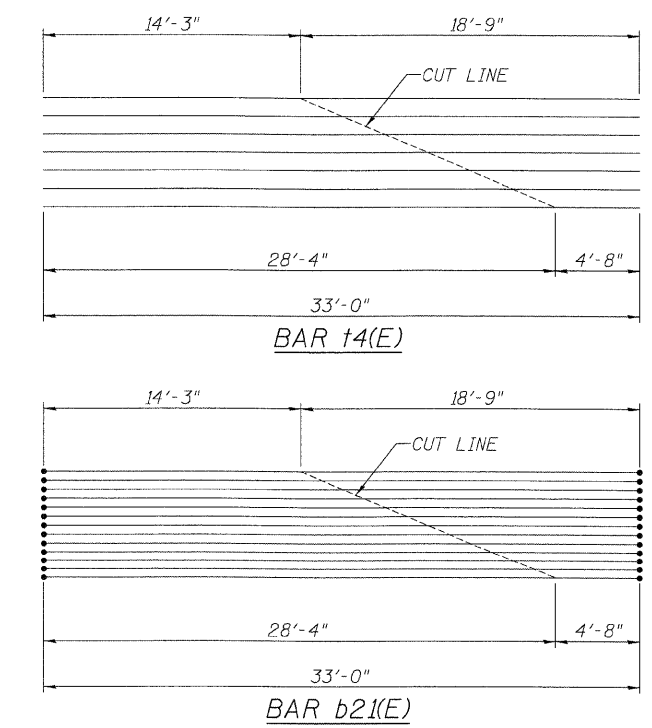
F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	31
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

HOLMES ST.
PINE ST.
CENTER ST.



SEE BRIDGE APPROACH TREATMENT STANDARD 420401.06 FOR LONGITUDINAL REINFORCEMENT

PLAN



SECTION A-A
(OTHER END SIMILAR)

NOTES:

- SEE BRIDGE APPROACH TREATMENT STANDARD 420401-06 FOR ADDITIONAL DETAILS.
- REINFORCEMENT SHOWN IS PAID FOR UNDER BRIDGE APPROACH TREATMENT.
- ① FIELD CUT BARS AS NECESSARY AND REPAIR EPOXY COATING.

EAST APPROACH PANEL
DETAILS
HOLMES STREET OVER
ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

DESIGN BY BAP	DRAWING NO. C-31	Job# C-93-016-01
DRAWN BY DJR	DATE 7/1/08	SCALE AS SHOWN
CHECKED BY DRS		

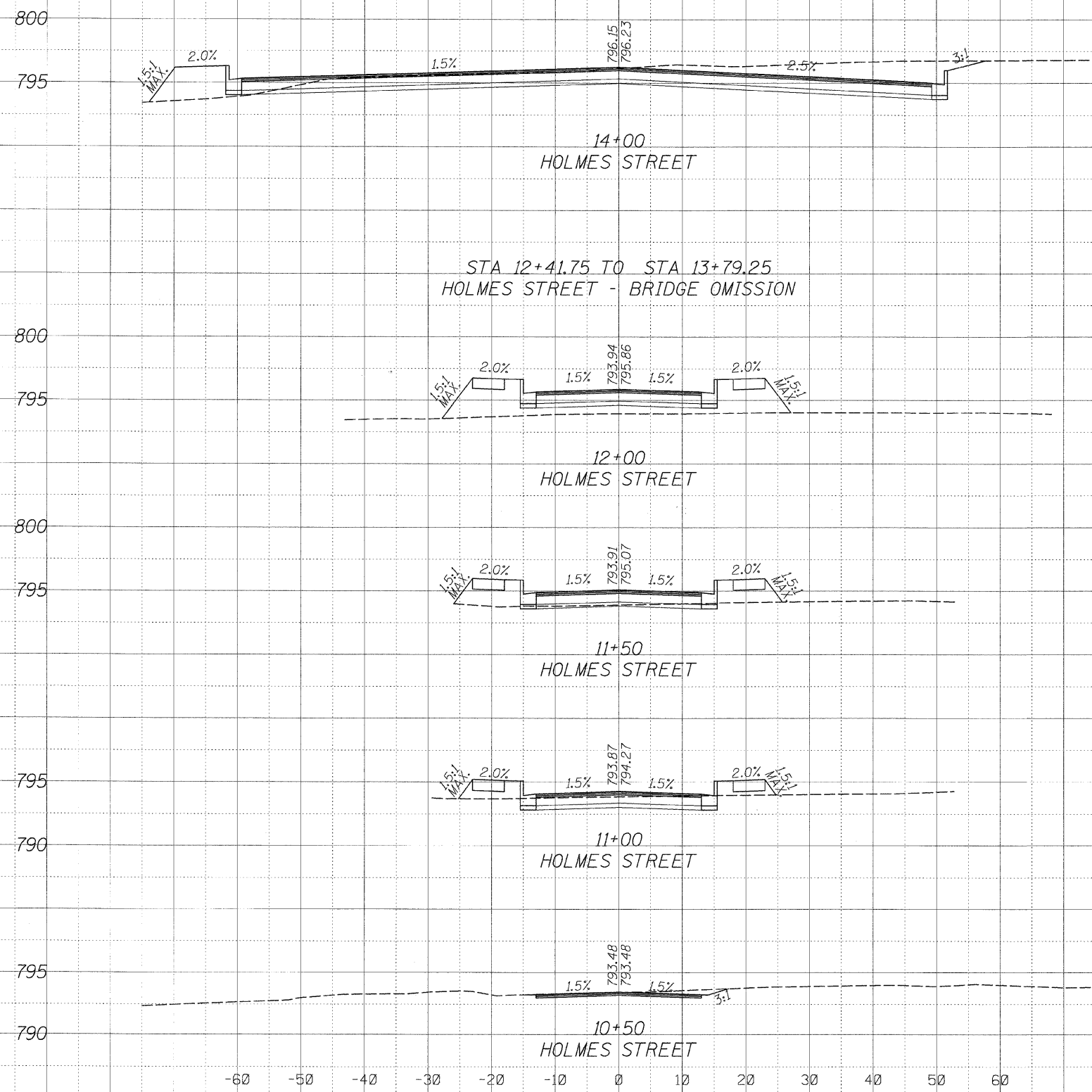
Edwards and Kelcey	DATE	REVISIONS

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FED. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	32
FED. ROAD DIST. NO. 3		ILLINOIS	CONTRACT NO. 87198	
• HOLMES ST. PINE ST. CENTER ST.				



**CROSS SECTIONS
HOLMES STREET**
HOLMES STREET OVER
ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

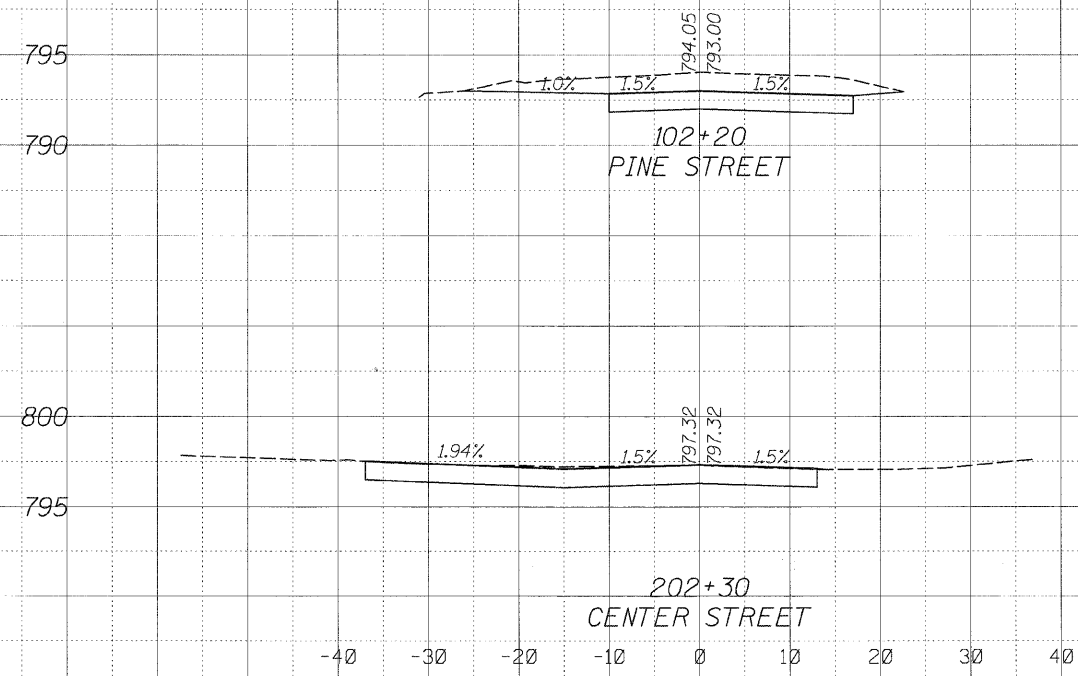
DESIGN BY: KLA	DRAWING NO.:	Job#:
DRAWN BY: DWG	C-32	C-93-016-01
CHECKED BY: JAH		DATE: 7/1/08
		SCALE: H: 1"=10' V: 1"=5'



DATE	REVISIONS

6/30/2008 1:58:41 PM

F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	33
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		
• HOLMES ST. PINE ST. CENTER ST.				



CROSS SECTIONS
CENTER STREET & PINE STREET
 HOLMES STREET OVER
 ILLINOIS CENTRAL RAILROAD
 CITY OF PAXTON, FORD COUNTY

DESIGN BY DRAWN BY CHECKED BY	KLA DWD JAH	DRAWING NO. C-33	Job# DATE SCALE
			C-93-016-01 7/1/08 H: 1"=10' V: 1"=5'



DATE	REVISIONS

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FED. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR	FORD	ILLINOIS	51	34
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

HOLMES ST.
PINE ST.
CENTER ST.

INDEX OF SHEETS

- S-1 GENERAL PLAN AND ELEVATION
- S-2 SUMMARY OF QUANTITIES, GENERAL NOTES AND DETAILS
- S-3 TOP OF SLAB ELEVATIONS - PLAN
- S-4 TOP OF SLAB ELEVATIONS - TABLES
- S-5 SUPERSTRUCTURE BOTTOM REINFORCEMENT
- S-6 SUPERSTRUCTURE TOP REINFORCEMENT
- S-7 SUPERSTRUCTURE DETAILS
- S-8 SUPERSTRUCTURE DETAILS AND BAR SCHEDULE
- S-9 TEXAS RAILING DETAILS
- S-10 LIGHTING AND ELECTRICAL DETAILS
- S-11 EXPANSION JOINT AND BEARING DETAILS
- S-12 WEST ABUTMENT
- S-13 WEST ABUTMENT DETAILS
- S-14 EAST ABUTMENT
- S-15 EAST ABUTMENT DETAILS
- S-16 PIER 1
- S-17 PIER 2
- S-18 SOIL BORING LOGS

HOLMES STREET BRIDGE
BUILT 2009 BY
CITY OF PAXTON
SEC. 00-0043-00-BR
STATION 12+88.33
STR. NO. 027-6505 LOADING HS20

NAME PLATE
SEE STD. 515001

DESIGN SPECIFICATIONS

2002 AASHTO STANDARD
SPECIFICATIONS - 17TH ED.

LOADING HS20-44

ALLOW 50#/SQ. FT. FOR
FUTURE WEARING SURFACE.

SEISMIC DATA

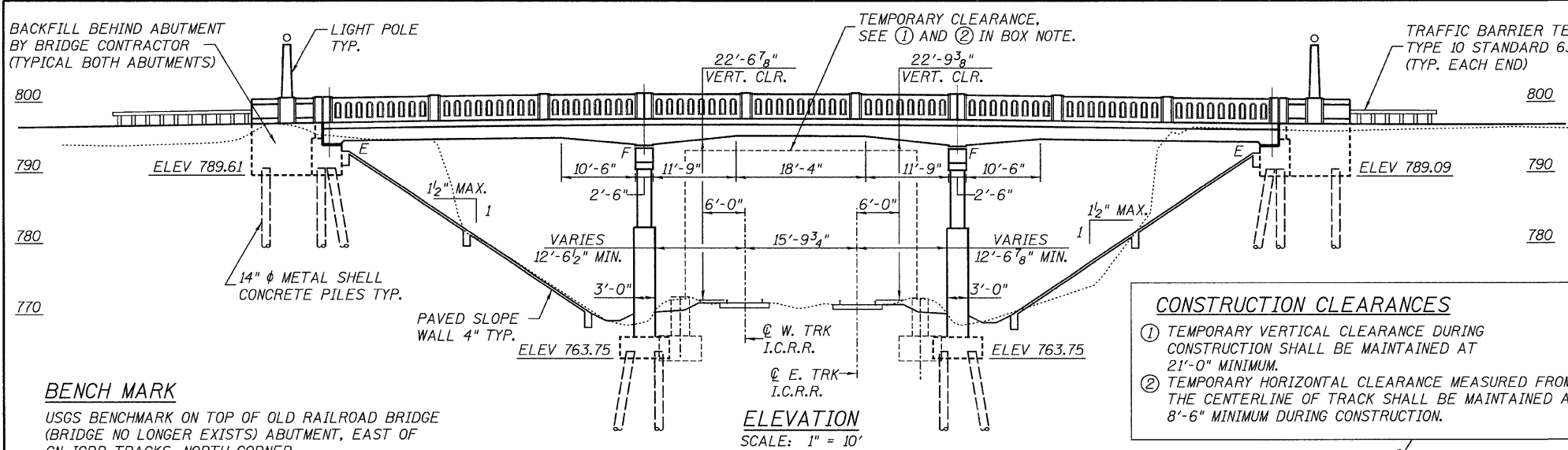
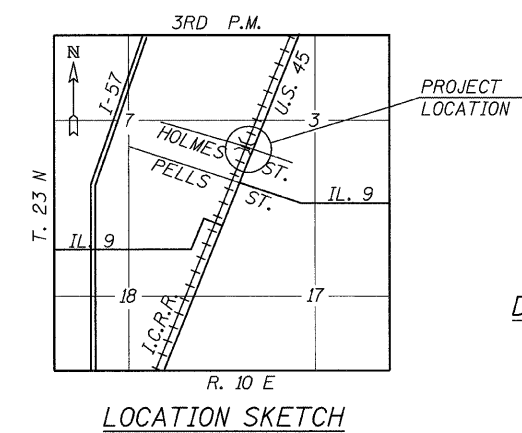
SEISMIC PERFORMANCE CATEGORY (SPC) = A
BEDROCK ACCELERATION COEFFICIENT (A) = 0.4
SITE COEFFICIENT (S) = 1

DESIGN STRESSES

FIELD UNITS
f'c = 3,500 PSI
fy = 60,000 PSI (REINF.)

UTILITIES

FOR EXISTING UTILITIES, SEE SHEET C-9.
FOR PROPOSED UTILITIES, SEE C-14 & C-16.

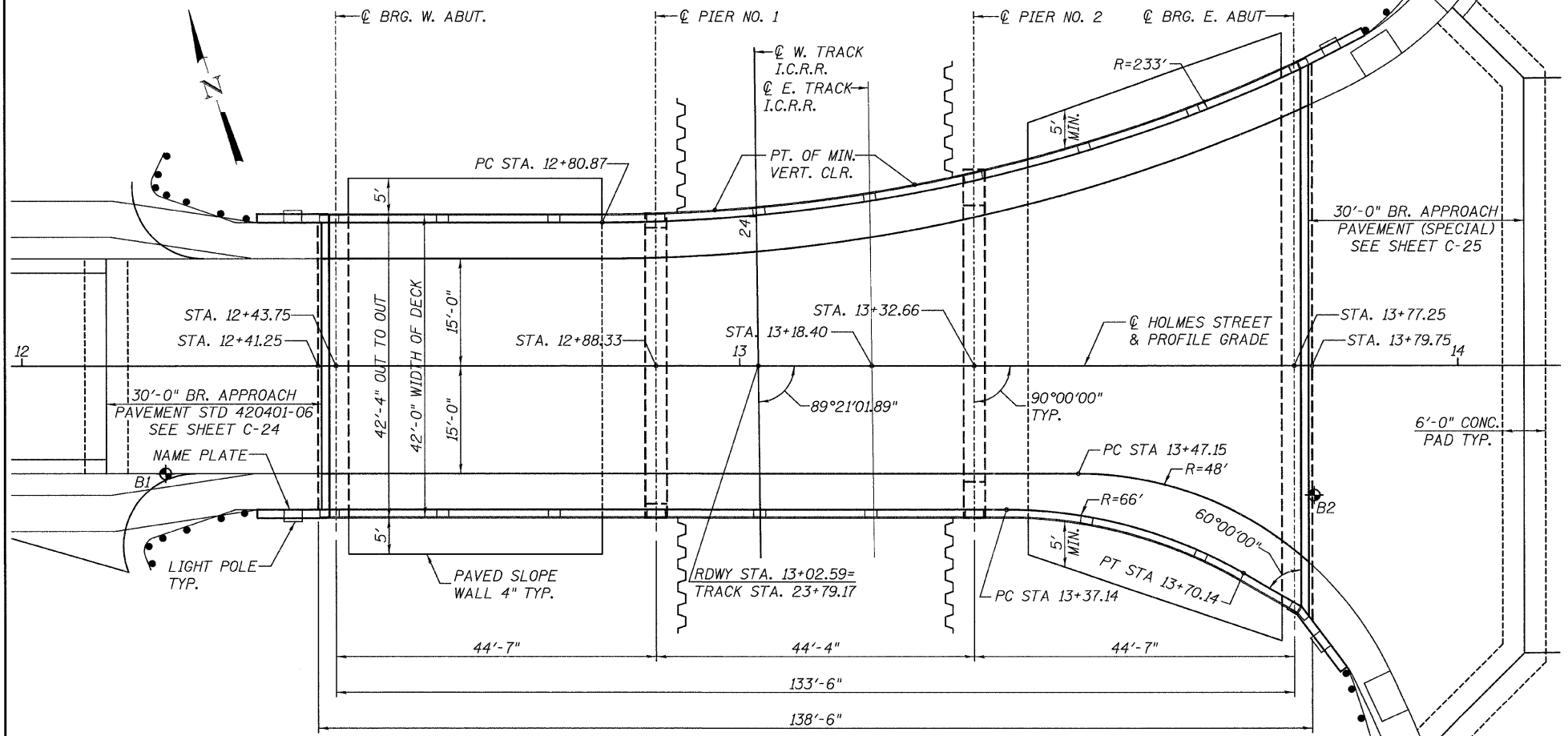


CONSTRUCTION CLEARANCES

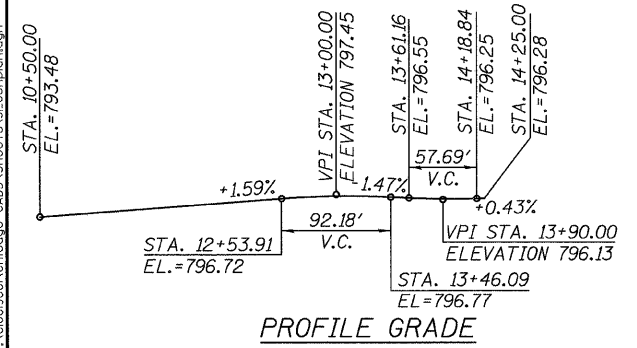
① TEMPORARY VERTICAL CLEARANCE DURING CONSTRUCTION SHALL BE MAINTAINED AT 21'-0" MINIMUM.

② TEMPORARY HORIZONTAL CLEARANCE MEASURED FROM THE CENTERLINE OF TRACK SHALL BE MAINTAINED AT 8'-6" MINIMUM DURING CONSTRUCTION.

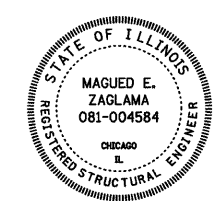
BENCH MARK
USGS BENCHMARK ON TOP OF OLD RAILROAD BRIDGE (BRIDGE NO LONGER EXISTS) ABUTMENT, EAST OF CN-ICRR TRACKS, NORTH CORNER. (ELEVATION = 796.611)



STA.	EL.	STA.	EL.	STA.	EL.	STA.	EL.	STA.	EL.	STA.	EL.
10+50.00	793.48	22+78.87	771.67	23+29.05	771.79	23+79.06	771.87	24+29.06	771.78	24+79.07	771.74
12+53.91	796.72	23+29.05	771.79	23+79.06	771.87	24+29.06	771.78	24+79.07	771.74	22+79.17	771.65
13+00.00	797.45	23+79.06	771.87	24+29.06	771.78	24+79.07	771.74	22+79.17	771.65	23+28.75	771.94
13+61.16	796.55	24+29.06	771.78	24+79.07	771.74	22+79.17	771.65	23+28.75	771.94	23+79.16	772.15
14+18.84	796.25	24+79.07	771.74	22+79.17	771.65	23+28.75	771.94	23+79.16	772.15	24+29.17	772.09
14+25.00	796.28	22+79.17	771.65	23+28.75	771.94	23+79.16	772.15	24+29.17	772.09	24+79.19	772.07



SIGNED: *Maged E. Zaglala*
DATE: January 12, 2009
EXPIRES: November 30, 2010



I CERTIFY THAT TO THE BEST OF KNOWLEDGE, INFORMATION AND BELIEF, THIS BRIDGE DESIGN IS STRUCTURALLY ADEQUATE FOR THE DESIGN LOADING SHOWN ON THE PLANS. THE DESIGN IS AN ECONOMICAL ONE FOR THE STYLE OF STRUCTURE AND COMPLIES WITH THE REQUIREMENTS OF THE CURRENT "AASHTO STANDARD SPECIFICATIONS FOR HIGHWAY BRIDGES".



DATE	REVISIONS

GENERAL PLAN AND ELEVATION

HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD CITY OF PAXTON, FORD COUNTY

DESIGN BY: BAP	DRAWING NO.:	Job# C-93-016-01
DRAWN BY: DJR	S-1	DATE 7/1/08
CHECKED BY: DRS		SCALE AS SHOWN

F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	35
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

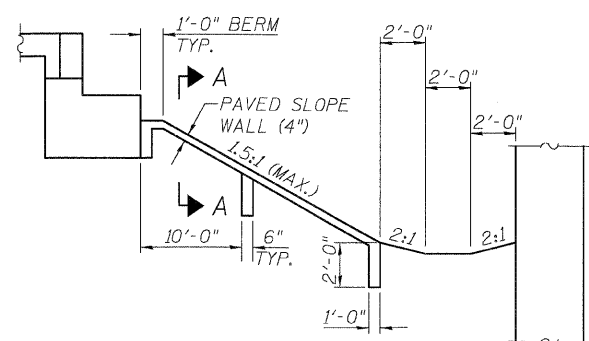
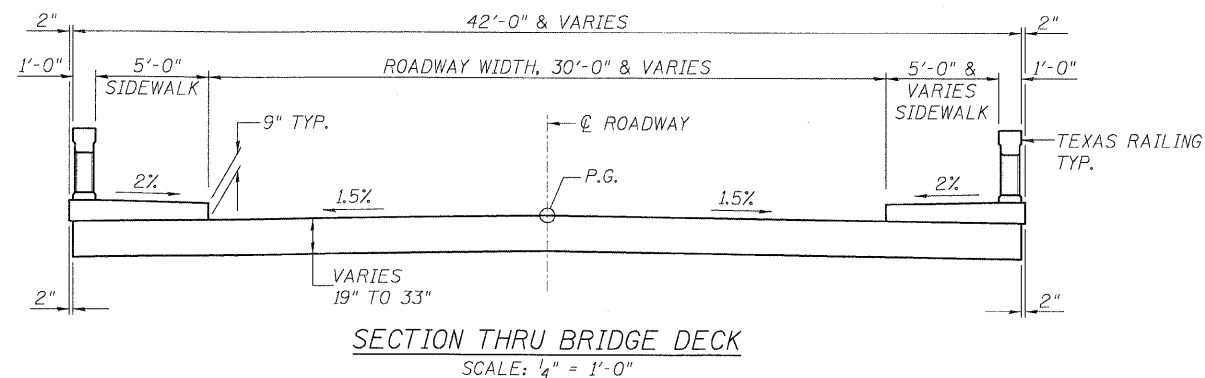
• HOLMES ST.
PINE ST.
CENTER ST.

TOTAL BILL OF MATERIAL

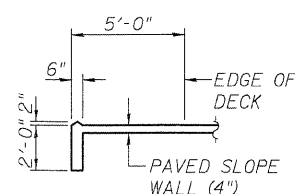
ITEM	UNIT	SUPER	SUBSTRUCTURE		TOTAL
			PIERS	ABUT'S	
STRUCTURE EXCAVATION	CU. YD.	-	130	312	492
PREFORMED JOINT SEAL 2 1/2"	FOOT	122	-	-	122
CONCRETE SUPERSTRUCTURES	CU. YD.	537	-	-	537
CONCRETE STRUCTURES	CU. YD.	-	232	103	335
RUBBED FINISH	SQ. YD.	362	-	-	362
PROTECTIVE COAT	SQ. YD.	861	-	-	861
REINFORCEMENT BARS, EPOXY COATED	POUND	112955	46821	8435	168210
CONCRETE BRIDGE RAIL (SPECIAL)	FOOT	316	-	-	316
SLOPE WALL, 4 INCH	SQ. YD.	-	-	587	587
FURNISHING METAL PILE SHELLS 14"	FOOT	-	1890	1620	3510
DRIVING PILES	FOOT	-	1890	1620	3510
TEST PILE METAL SHELLS	EACH	-	2	2	4
NAME PLATES	EACH	1	-	-	1
TEMPORARY SOIL RETENTION SYSTEM	SQ. FT.	-	436	-	436
BRIDGE DECK GROOVING	SQ. YD.	537	-	-	537
ELASTOMERIC BEARING ASSEMBLY, TYPE 1	EACH	11	-	-	11
CONCRETE SEALER	SQ. FT.	-	-	570	570
FURNISH AND ERECT STRUCTURAL STEEL	POUND	880	-	-	880
REINFORCED CONC. LIGHT POLES (SPECIAL)	EACH	4	-	-	4

GENERAL NOTES

- REINFORCEMENT BARS SHALL CONFORM TO THE REQUIREMENTS OF ASTM A 706 GR 60 (IL MODIFIED). SEE SPECIAL PROVISIONS
- REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
- BEARING SEAT SURFACES SHALL BE CONSTRUCTED OR ADJUSTED TO THEIR DESIGNATED ELEVATIONS WITHIN A TOLERANCE OF 1/8 INCH (0.01 FT.). ADJUSTMENT SHALL BE MADE EITHER BY GRINDING THE SURFACE OR BY SHIMMING THE BEARINGS.
- CONCRETE SEALER SHALL BE APPLIED TO THE DESIGNATED AREAS OF THE ABUTMENTS.
- THE CONTRACTOR SHALL DRIVE TEST PILES TO 110% OF THE NOMINAL REQUIRED BEARING SPECIFIED IN PRODUCTION LOCATIONS AT SUBSTRUCTURES SPECIFIED OR APPROVED BY THE ENGINEER BEFORE ORDERING THE REMAINDER OF PILES.
- THE CONTRACTOR SHALL MAKE ALLOWANCE FOR THE DEFLECTION OF FORMS, SHRINKAGE AND SETTLEMENT OF FALSEWORK, IN ADDITION TO ALLOWANCE FOR DEAD LOAD DEFLECTION. FORMS FOR DECK SLAB SHALL BE REMOVED PRIOR TO PLACEMENT OF BRIDGE APPROACH PAVEMENT.
- SLOPE WALL SHALL BE REINFORCED WITH WELDED WIRE FABRIC, 6" X 6" - W4.0 X W4.0, WEIGHING 58 LBS. PER 100 SQ. FT.
- THE CONTRACTOR SHALL DRIVE FOUR (4) 14" φ METAL SHELL CONCRETE PILES IN A PERMANENT LOCATION, ONE AT EACH PIER AND ONE AT EACH ABUTMENT, AS DIRECTED BY THE ENGINEER BEFORE ORDERING THE REMAINDER OF THE PILES.
- ALL STRUCTURAL STEEL SHALL BE SHOP PAINTED WITH INORGANIC ZINC RICH PRIMER PER AASHTO M300 TYPE 4.
- THE STRUCTURAL STEEL PLATES OF THE BEARING ASSEMBLY SHALL CONFORM TO THE REQUIREMENTS OF AASHTO M270 GRADE 36.
- THE TEMPORARY SHORING REQUIRED FOR SUBSTRUCTURE EXCAVATION SHALL BE DESIGNED FOR RAILROAD LIVE LOAD. COPIES OF THE CONTRACTOR'S PLANS AND CALCULATIONS ARE TO BE SUBMITTED TO THE I.C.R.R. FOR REVIEW PRIOR TO INSTALLATION.



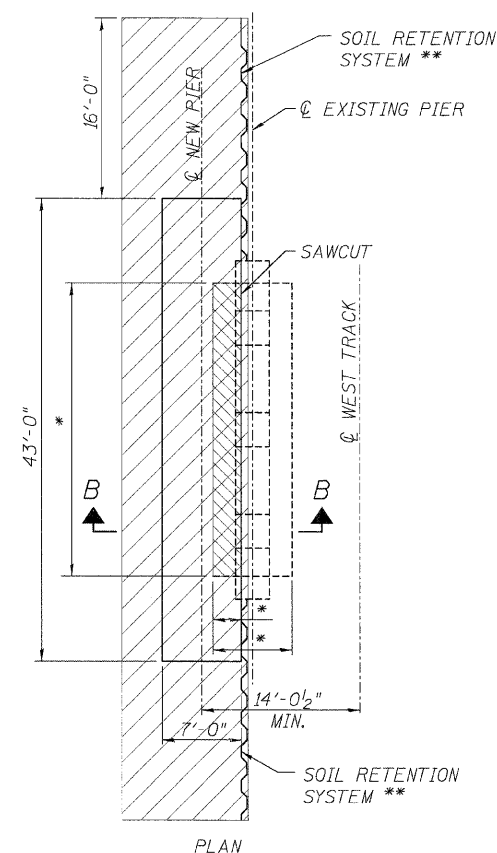
SECTION THRU SLOPE WALL
SCALE: 1/4" = 1'-0"



SECTION A-A
SCALE: 1/4" = 1'-0"

BILL OF MATERIAL

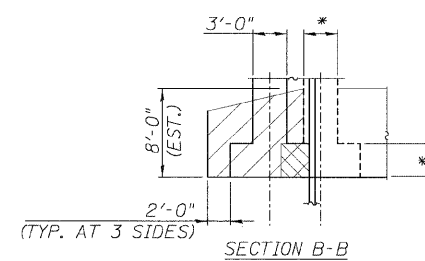
ITEM	UNIT	TOTAL
SLOPE WALL, 4"	SQ. YD.	587
TEMPORARY SOIL RETENTION SYSTEM	SQ. FT.	436



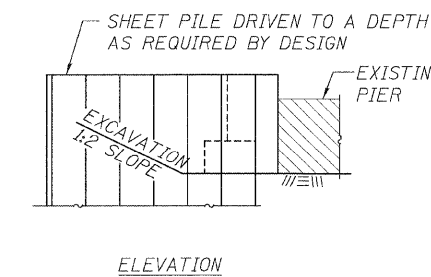
PORTION OF EXISTING FOOTING TO BE REMOVED
PORTION TO BE EXCAVATED

* CONTRACTOR SHALL FIELD VERIFY EXISTING FOOTING LOCATION AND DIMENSIONS

** TO BE DESIGNED BY CONTRACTOR SEE SPECIAL PROVISIONS AND GENERAL NOTE 11.



PIER EXCAVATION
SCALE: 1/8" = 1'-0"



ELEVATION

FOR ABUTMENT EXCAVATION LIMITS, SEE S-13.

Edwards and Kelcey

DATE	REVISIONS

SUMMARY OF QUANTITIES, GENERAL NOTES & DETAILS

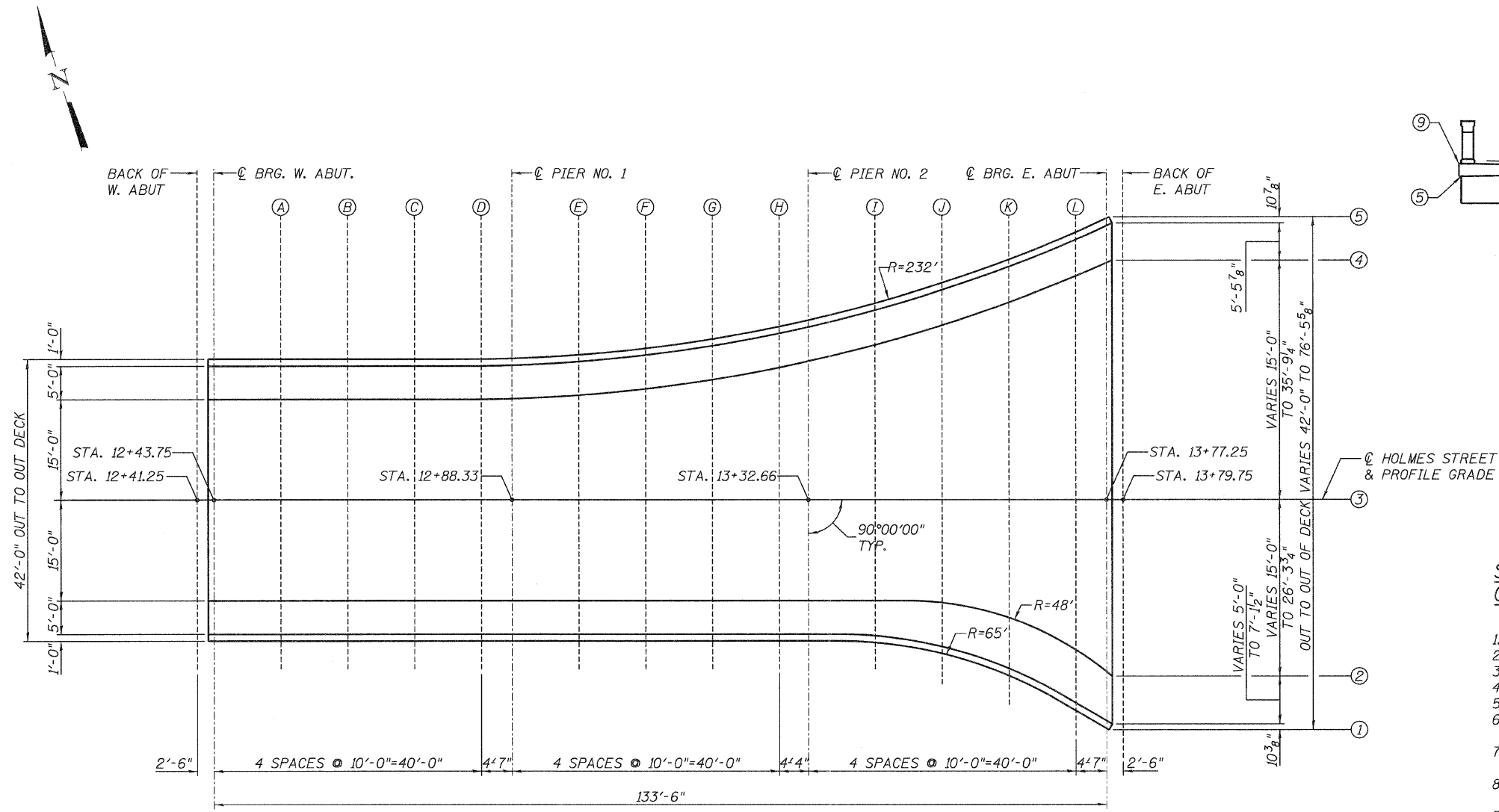
HOLMES STREET OVER
ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

DESIGN BY DPS	DRAWING NO. S-2	Job# C-93-016-01
DRAWN BY DJR	DATE 7/1/08	SCALE AS SHOWN
CHECKED BY BAP		

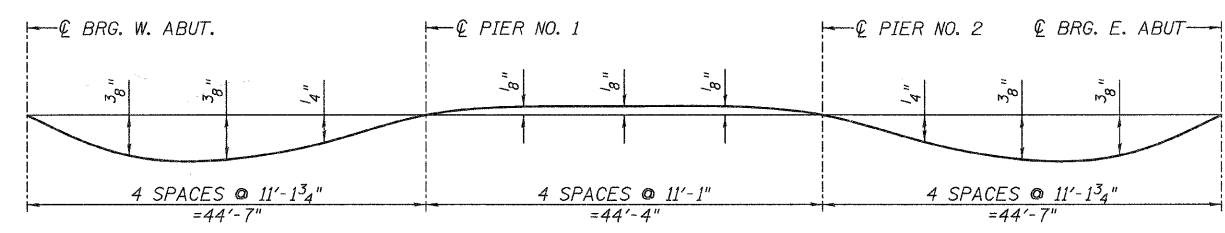
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F&P R.T.E.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
* 00-00043-00-BR	FORD	51	36	
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

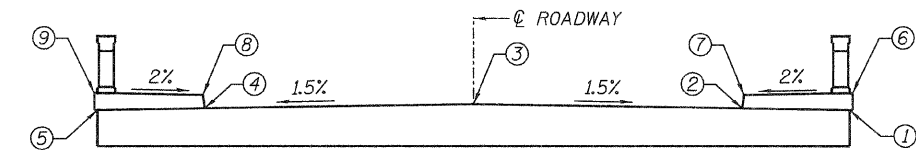
* HOLMES ST.
 PINE ST.
 CENTER ST.



PLAN
 SCALE: 1" = 10'



DEAD LOAD DEFLECTION DIAGRAM
 ADJUST ELEVATIONS FOR ANTICIPATED DEAD LOAD DEFLECTION



ELEVATION LOCATIONS
 (LOOKING UPSTATION)
 SCALE: 1" = 5'

SUGGESTED CONSTRUCTION PROCEDURES OVER THE RAILROAD TRACKS

1. PLACE SHEETING ON BOTH ENDS OF THE EXISTING PIERS.
2. EXCAVATE THE AREAS OF THE NEW FOOTINGS.
3. REMOVE PORTIONS OF THE EXISTING FOOTINGS.
4. DRIVE REQUIRED PILES FOR NEW PIERS.
5. COMPLETE CONSTRUCTION OF THE NEW PIERS.
6. PLACE TEMPORARY FALSEWORK BENTS ADJACENT TO PIERS TO SUPPORT TEMPORARY STEEL BEAMS.
7. ERECT TEMPORARY STEEL BEAMS OVER THE RAILROAD TRACKS TO SUPPORT FORMWORK AND PERMANENT STRUCTURE.
8. PLACE FORMWORK AND ADJUST ELEVATIONS FOR ANTICIPATED DEFLECTIONS OF THE TEMPORARY STEEL BEAMS AND THE PERMANENT STRUCTURE.
9. COMPLETE REMAINING FORMWORK FOR SUPERSTRUCTURE.
10. PLACE REINFORCEMENT AND POUR SUPERSTRUCTURE CONCRETE. FALSEWORK MUST REMAIN IN PLACE UNTIL AFTER SIDEWALKS AND RAILINGS HAVE BEEN COMPLETED.

TOP OF SLAB ELEVATIONS PLAN		
HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD CITY OF PAXTON, FORD COUNTY		
DESIGN BY: DRS	DRAWING NO.:	Job# C-93-016-01
DRAWN BY: DJR	S-3	DATE 7/1/08
CHECKED BY: BAP		SCALE AS SHOWN
DATE	REVISIONS	




HOLMES ST.
PINE ST.
CENTER ST.

DECK LINE 1 - EDGE OF SLAB				DECK LINE 2 - GUTTER LINE				DECK LINE 3 - CL ROADWAY & P.G.				DECK LINE 4 - GUTTER LINE				DECK LINE 5 - EDGE OF SLAB			
LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEV.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEV.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEV.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEV.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEV.
BACK OF W. ABUT.	12+41.25	21.00	796.20	BACK OF W. ABUT.	12+41.25	15.00	796.29	BACK OF W. ABUT.	12+41.25	0.00	796.52	BACK OF W. ABUT.	12+41.25	-15.00	796.29	BACK OF W. ABUT.	12+41.25	-21.00	796.20
CL BRG. W. ABUT.	12+43.75	21.00	796.24	CL BRG. W. ABUT.	12+43.75	15.00	796.33	CL BRG. W. ABUT.	12+43.75	0.00	796.56	CL BRG. W. ABUT.	12+43.75	-15.00	796.33	CL BRG. W. ABUT.	12+43.75	-21.00	796.24
A	12+53.75	21.00	796.40	A	12+53.75	15.00	796.49	A	12+53.75	0.00	796.72	A	12+53.75	-15.00	796.49	A	12+53.75	-21.00	796.40
B	12+63.75	21.00	796.54	B	12+63.75	15.00	796.63	B	12+63.75	0.00	796.86	B	12+63.75	-15.00	796.63	B	12+63.75	-21.00	796.54
C	12+73.75	21.00	796.85	C	12+73.75	15.00	796.74	C	12+73.75	0.00	796.97	C	12+73.75	-15.00	796.74	C	12+73.75	-21.00	796.65
D	12+83.75	21.00	796.73	D	12+83.75	15.00	796.82	D	12+83.75	0.00	797.04	D	12+83.75	-15.02	796.82	D	12+83.75	-21.02	796.73
CL PIER 1	12+88.33	21.00	796.75	CL PIER 1	12+88.33	15.00	796.84	CL PIER 1	12+88.33	0.00	797.07	CL PIER 1	12+88.33	-15.12	796.84	CL PIER 1	12+88.33	-21.12	796.75
E	12+98.33	21.00	796.78	E	12+98.33	15.00	796.87	E	12+98.33	0.00	797.10	E	12+98.33	-15.64	796.86	E	12+98.33	-21.66	796.77
F	13+08.33	21.00	796.78	F	13+08.33	15.00	796.87	F	13+08.33	0.00	797.09	F	13+08.33	-16.59	796.84	F	13+08.33	-22.63	796.75
G	13+18.33	21.00	796.74	G	13+18.33	15.00	796.83	G	13+18.33	0.00	797.05	G	13+18.33	-17.97	796.78	G	13+18.33	-24.04	796.69
H	13+28.33	21.00	796.87	H	13+28.33	15.00	796.76	H	13+28.33	0.00	796.98	H	13+28.33	-19.78	796.69	H	13+28.33	-25.91	796.59
CL PIER 2	13+32.66	21.00	796.63	CL PIER 2	13+32.66	15.00	796.72	CL PIER 2	13+32.66	0.00	796.94	CL PIER 2	13+32.66	-20.70	796.63	CL PIER 2	13+32.66	-26.86	796.54
I	13+42.66	21.24	796.50	I	13+42.66	15.00	796.60	I	13+42.66	0.00	796.82	I	13+42.66	-23.16	796.47	I	13+42.66	-29.38	796.38
J	13+52.66	22.88	796.33	J	13+52.66	15.32	796.45	J	13+52.66	0.00	796.68	J	13+52.66	-26.09	796.29	J	13+52.66	-32.39	796.19
K	13+62.66	26.22	796.14	K	13+62.66	17.58	796.27	K	13+62.66	0.00	796.53	K	13+62.66	-29.50	796.09	K	13+62.66	-35.90	795.99
L	13+72.66	31.45	795.93	L	13+72.66	22.34	796.07	L	13+72.66	0.00	796.41	L	13+72.66	-33.42	795.90	L	13+72.66	-39.93	795.81
CL BRG. E. ABUT.	13+77.25	34.10	795.85	CL BRG. E. ABUT.	13+77.25	25.61	795.98	CL BRG. E. ABUT.	13+77.25	0.00	796.36	CL BRG. E. ABUT.	13+77.25	-35.39	795.83	CL BRG. E. ABUT.	13+77.25	-41.97	795.73
BACK OF E. ABUT.	13+79.75	37.17	795.78	BACK OF E. ABUT.	13+79.75	27.77	795.92	BACK OF E. ABUT.	13+79.75	0.00	796.34	BACK OF E. ABUT.	13+79.75	-36.51	795.79	BACK OF E. ABUT.	13+79.75	-43.23	795.69

SIDEWALK 6 - EDGE OF SIDEWALK				SIDEWALK 7 - SIDEWALK AT GUTTER LINE				SIDEWALK 8 - SIDEWALK AT GUTTER LINE				SIDEWALK 9 - EDGE OF SIDEWALK			
LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEV.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEV.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEV.	LOCATION	STATION	OFFSET	THEORETICAL GRADE ELEV.
BACK OF W. ABUT.	12+41.25	21.17	797.07	BACK OF W. ABUT.	12+41.25	15.00	797.04	BACK OF W. ABUT.	12+41.25	-15.00	797.04	BACK OF W. ABUT.	12+41.25	-21.17	797.07
CL BRG. W. ABUT.	12+43.75	21.17	797.11	CL BRG. W. ABUT.	12+43.75	15.00	797.08	CL BRG. W. ABUT.	12+43.75	-15.00	797.08	CL BRG. W. ABUT.	12+43.75	-21.17	797.11
A	12+53.75	21.17	797.27	A	12+53.75	15.00	797.24	A	12+53.75	-15.00	797.24	A	12+53.75	-21.17	797.27
B	12+63.75	21.17	797.41	B	12+63.75	15.00	797.38	B	12+63.75	-15.00	797.38	B	12+63.75	-21.17	797.41
C	12+73.75	21.17	797.52	C	12+73.75	15.00	797.49	C	12+73.75	-15.00	797.49	C	12+73.75	-21.17	797.52
D	12+83.75	21.17	797.60	D	12+83.75	15.00	797.57	D	12+83.75	-16.02	797.57	D	12+83.75	-21.18	797.60
CL PIER 1	12+88.33	21.17	797.62	CL PIER 1	12+88.33	15.00	797.59	CL PIER 1	12+88.33	-15.12	797.59	CL PIER 1	12+88.33	-21.29	797.62
E	12+98.33	21.17	797.65	E	12+98.33	15.00	797.62	E	12+98.33	-15.64	797.61	E	12+98.33	-21.83	797.64
F	13+08.33	21.17	797.65	F	13+08.33	15.00	797.62	F	13+08.33	-16.59	797.59	F	13+08.33	-22.80	797.62
G	13+18.33	21.17	797.61	G	13+18.33	15.00	797.58	G	13+18.33	-17.97	797.53	G	13+18.33	-24.21	797.57
H	13+28.33	21.17	797.54	H	13+28.33	15.00	797.51	H	13+28.33	-19.78	797.44	H	13+28.33	-26.08	797.47
CL PIER 2	13+32.66	21.17	797.50	CL PIER 2	13+32.66	15.00	797.47	CL PIER 2	13+32.66	-20.70	797.38	CL PIER 2	13+32.66	-27.03	797.41
I	13+42.66	21.40	797.38	I	13+42.66	15.00	797.35	I	13+42.66	-23.16	797.22	I	13+42.66	-29.55	797.25
J	13+52.66	23.05	797.24	J	13+52.66	15.32	797.20	J	13+52.66	-26.09	797.04	J	13+52.66	-32.56	797.07
K	13+62.66	26.40	797.06	K	13+62.66	17.58	797.02	K	13+62.66	-29.50	796.84	K	13+62.66	-36.08	796.87
L	13+72.66	31.65	796.87	L	13+72.66	22.34	796.82	L	13+72.66	-33.42	796.65	L	13+72.66	-40.11	796.69
CL BRG. E. ABUT.	13+77.25	34.29	796.77	CL BRG. E. ABUT.	13+77.25	25.61	796.73	CL BRG. E. ABUT.	13+77.25	-35.39	796.58	CL BRG. E. ABUT.	13+77.25	-42.15	796.61
BACK OF E. ABUT.	13+79.75	37.45	796.72	BACK OF E. ABUT.	13+79.75	27.77	796.67	BACK OF E. ABUT.	13+79.75	-36.51	796.54	BACK OF E. ABUT.	13+79.75	-43.42	796.57

TOP OF SLAB ELEVATIONS TABLES
HOLMES STREET OVER
ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

DESIGN BY DRS	DRAWING NO. S-4	Job# C-93-016-01
DRAWN BY DJR	DATE 7/1/08	SCALE AS SHOWN
CHECKED BY BAP		



DATE	REVISIONS

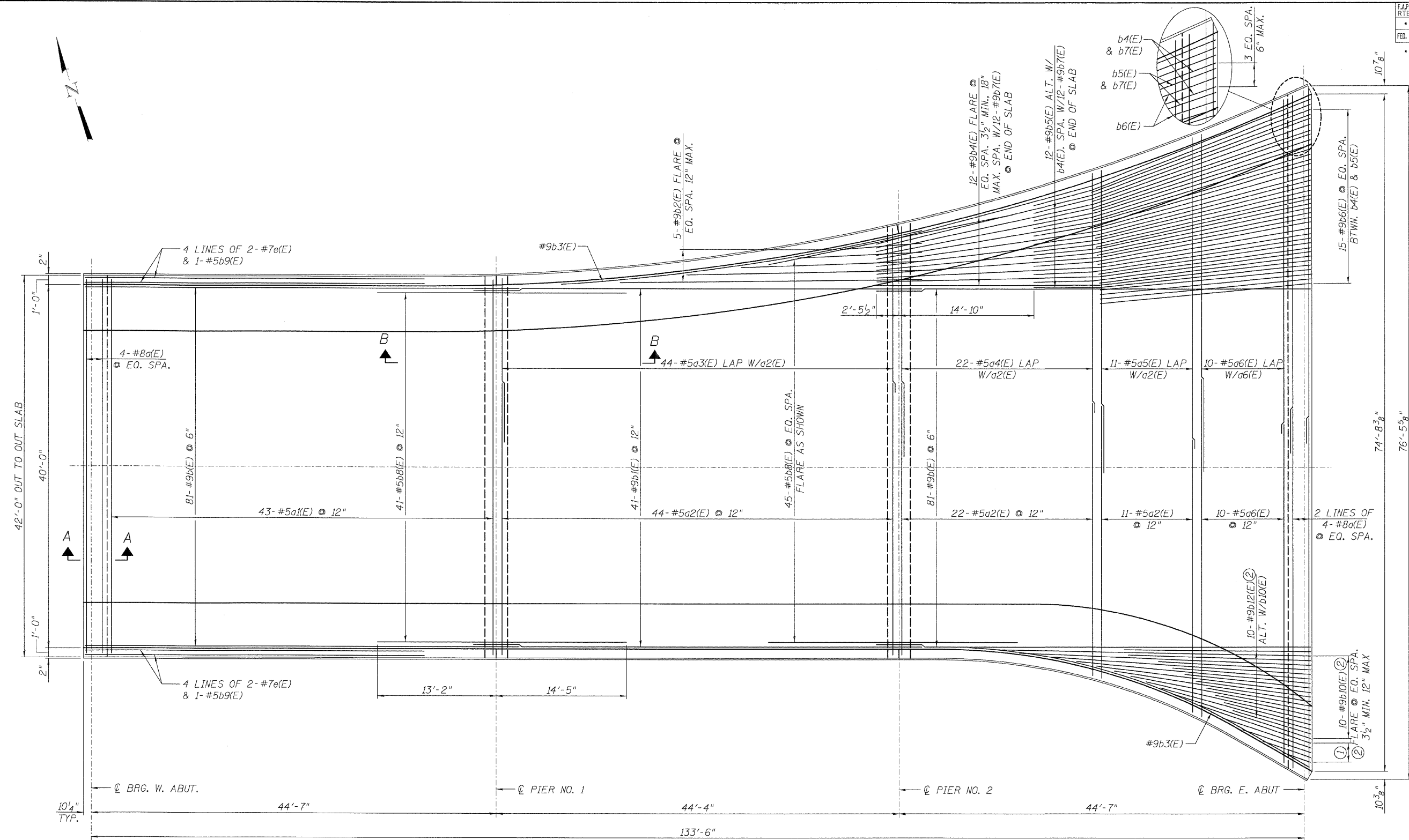
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F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
00-00043-00-BR		FORD	51	38
FED. ROAD DIST. NO. 3		ILLINOIS	CONTRACT NO. 87198	

HOLMES ST.
PINE ST.
CENTER ST.



PLAN

- MINIMUM LAP:
 #4 BAR = 1'-11"
 #5 BAR = 2'-5"
 #7 BAR = 2'-9"
 #8 BAR = 5'-1"
 #9 BAR = 4'-11"

NOTES:
 TOP SLAB AND SIDEWALK REINFORCEMENT SHOWN ON SHEET S-6.
 FOR SECTION A-A AND B-B, SEE SHEET S-8.
 DECK DIMENSIONS ARE BASED ON 1 3/4" JOINT OPENING @ 50°.

THE CONTRACTOR SHALL MAKE ALLOWANCE FOR THE DEFLECTION OF FORMS, SHRINKAGE AND SETTLEMENT OF FALSEWORK, IN ADDITION TO ALLOWANCE FOR DEAD LOAD DEFLECTION. FORMS FOR DECK SLAB SHALL BE REMOVED PRIOR TO PLACEMENT OF BRIDGE APPROACH PAVEMENT.
 ① 5- #9b1(E) @ 6"
 ② FIELD CUT AS REQ'D & REPAIR EPOXY COATING.



DATE	REVISIONS

**SUPERSTRUCTURE
BOTTOM REINFORCEMENT**

HOLMES STREET OVER
ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

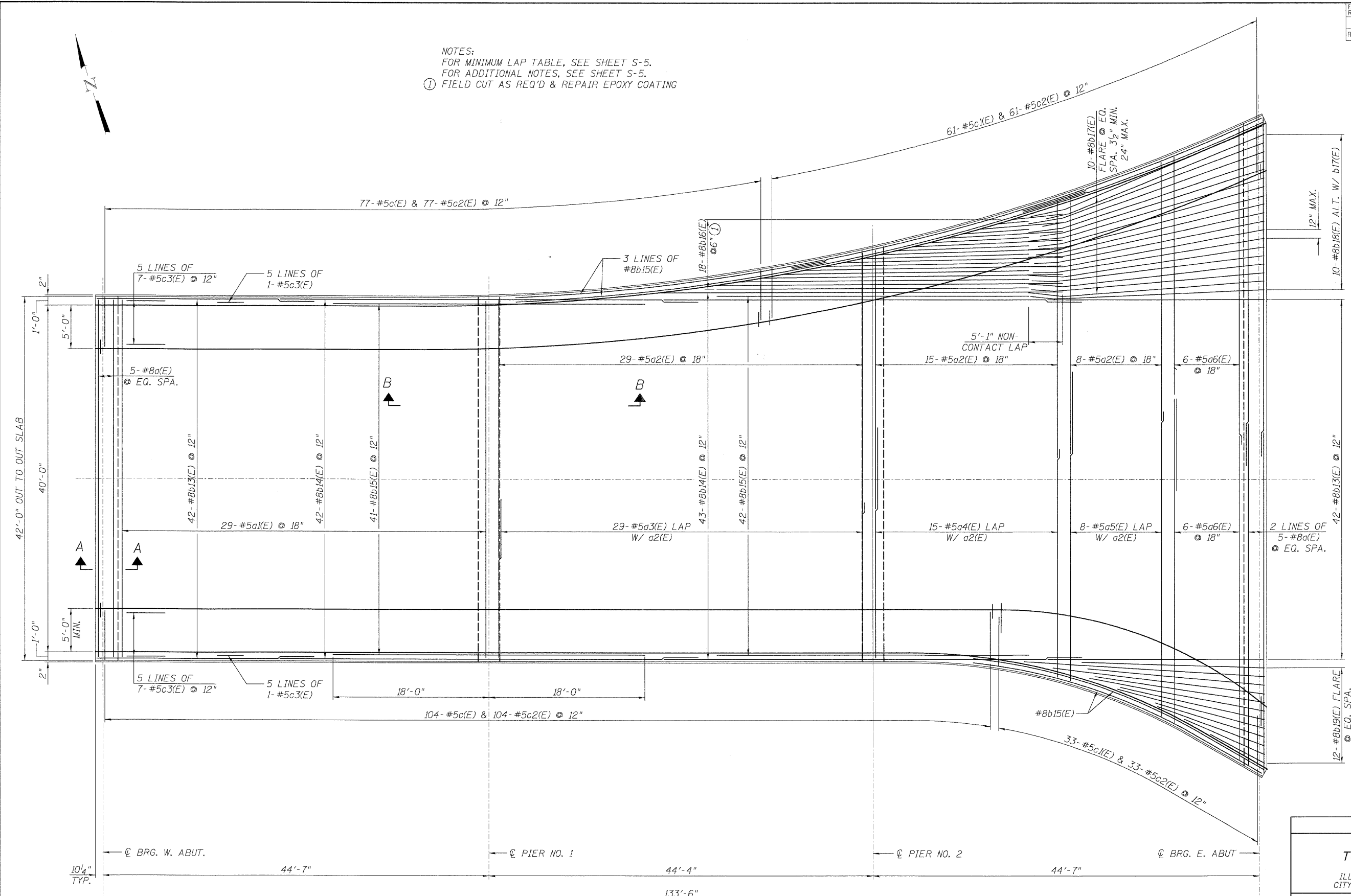
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DRAWN BY DJR	DATE 7/1/08	SCALE AS SHOWN
CHECKED BY BAP		

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FAR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR	FORD	51	39	
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

• HOLMES ST.
 PINE ST.
 CENTER ST.

NOTES:
 FOR MINIMUM LAP TABLE, SEE SHEET S-5.
 FOR ADDITIONAL NOTES, SEE SHEET S-5.
 ① FIELD CUT AS REQ'D & REPAIR EPOXY COATING



PLAN

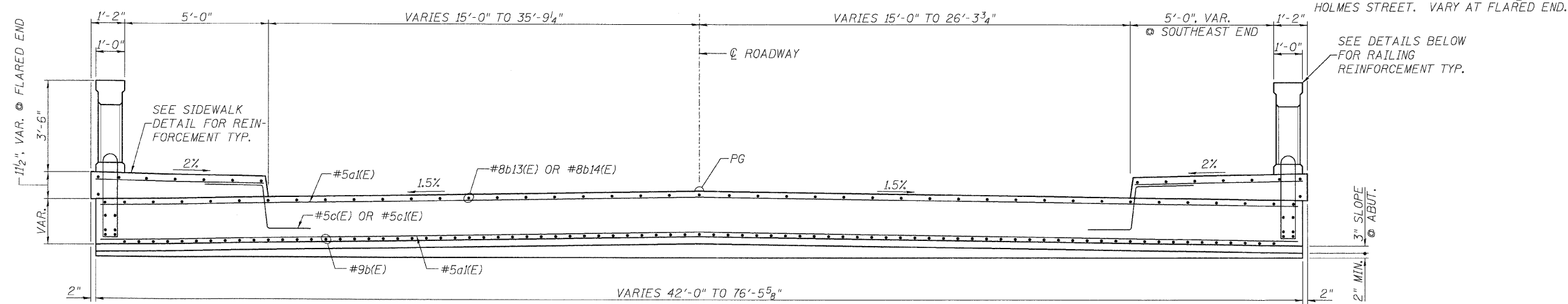
SUPERSTRUCTURE TOP REINFORCEMENT
 HOLMES STREET OVER
 ILLINOIS CENTRAL RAILROAD
 CITY OF PAXTON, FORD COUNTY

DESIGN BY: DRS	DRAWING NO. S-6	Job# C-93-016-01
DRAWN BY: DJP		DATE 7/1/08
CHECKED BY: BAP		SCALE AS SHOWN

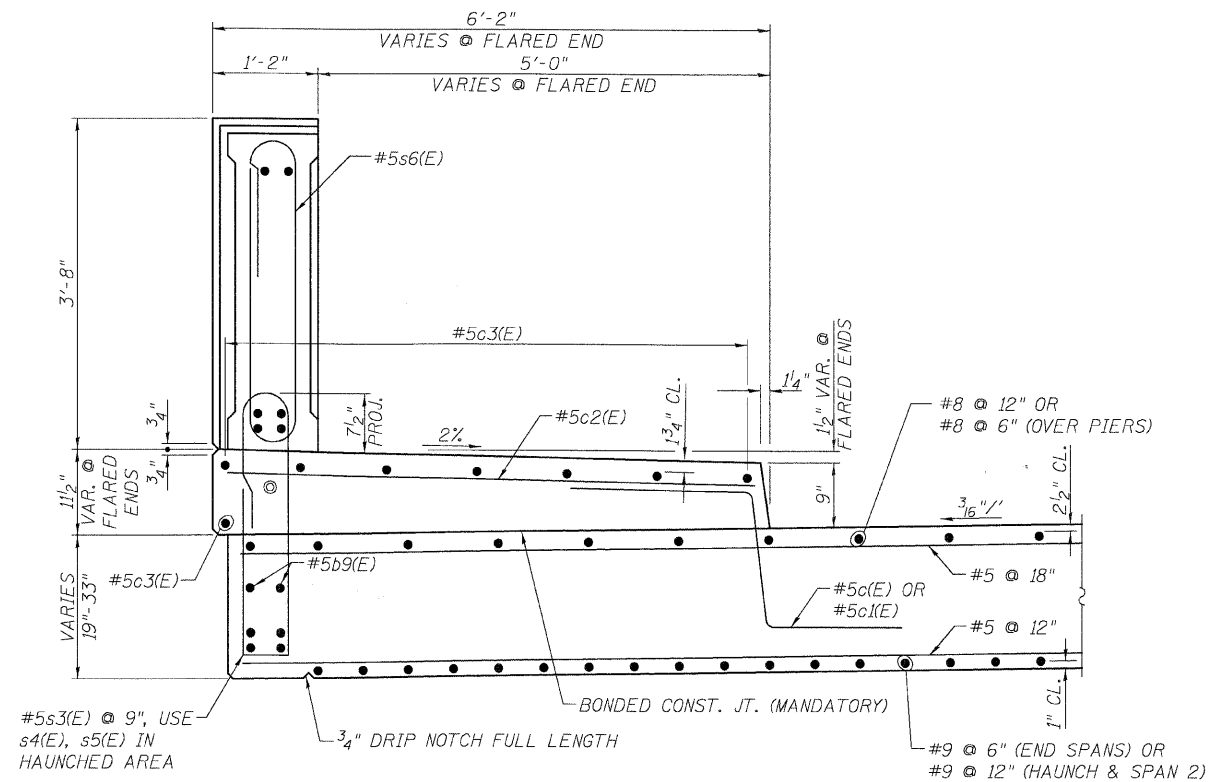
Edwards and Kelcey	DATE	REVISIONS

FAR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	00-00043-00-BR	FORD	51	40
FED. ROAD DIST. NO. 3		ILLINOIS	CONTRACT NO. 87198	

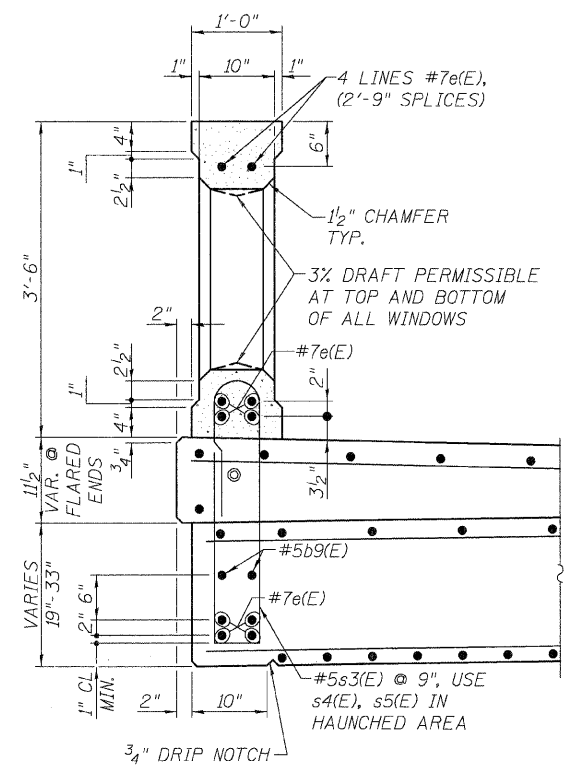
• HOLMES ST.
PINE ST.
CENTER ST.



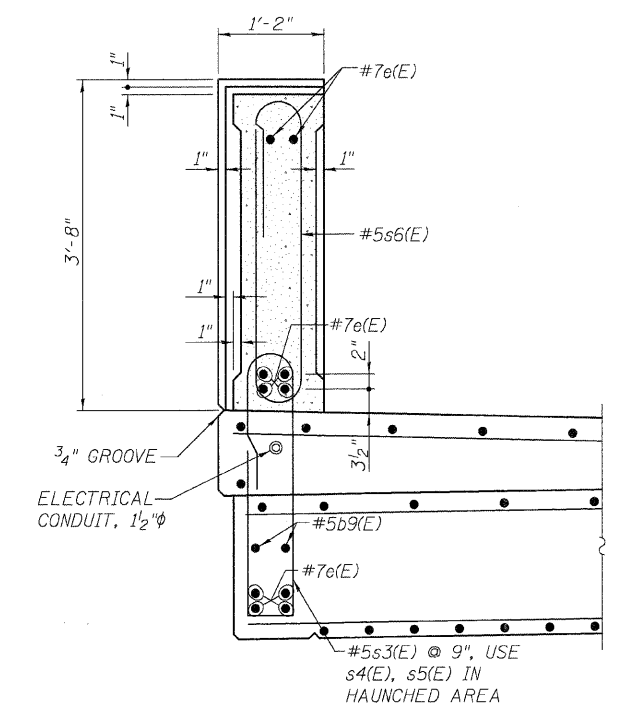
CROSS SECTION
(SPAN 1 REINFORCEMENT SHOWN.
SEE S-5 & S-6 FOR SPANS 2 & 3)



SIDEWALK DETAIL



SECTION THRU RAIL WINDOW



SECTION AT RAIL POST

SUPERSTRUCTURE DETAILS

HOLMES STREET OVER
ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

DESIGN BY: DJR	DRAWING NO. S-7	Job# C-93-016-01
DRAWN BY: DRS		DATE 7/1/08
CHECKED BY: BAP		SCALE AS SHOWN

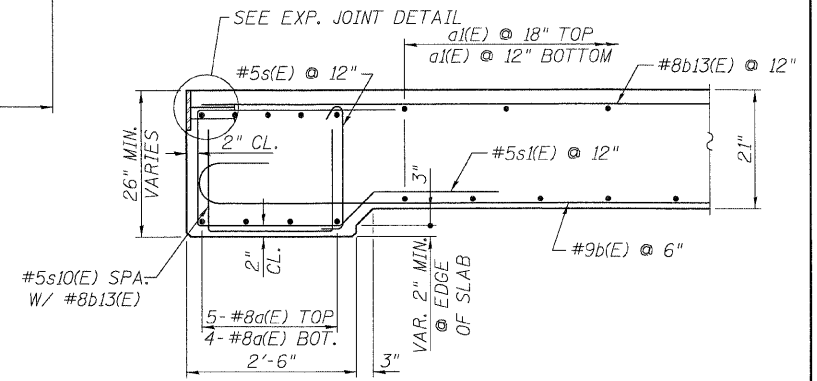
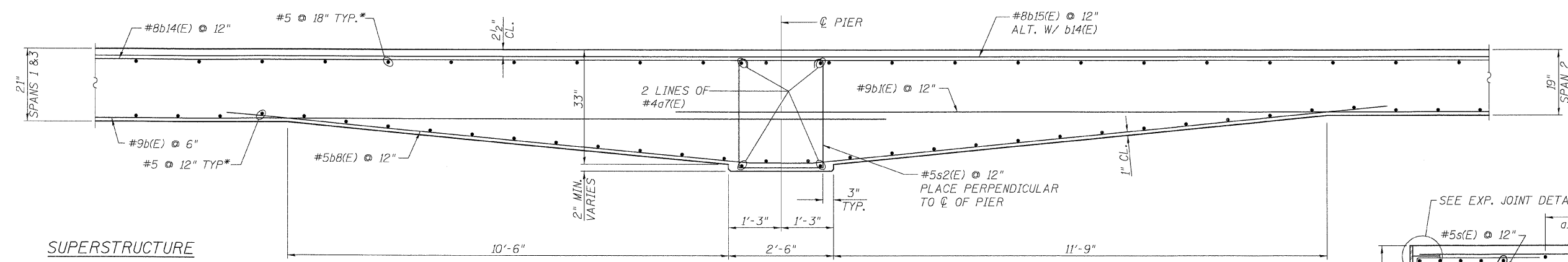


DATE	REVISIONS

6/30/2008 2:00:22 PM P:\0009001\Chicago_CADD\Steel\IST_deck2.dgn

FAP. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
00-00043-00-BR	FORD	51	41	
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

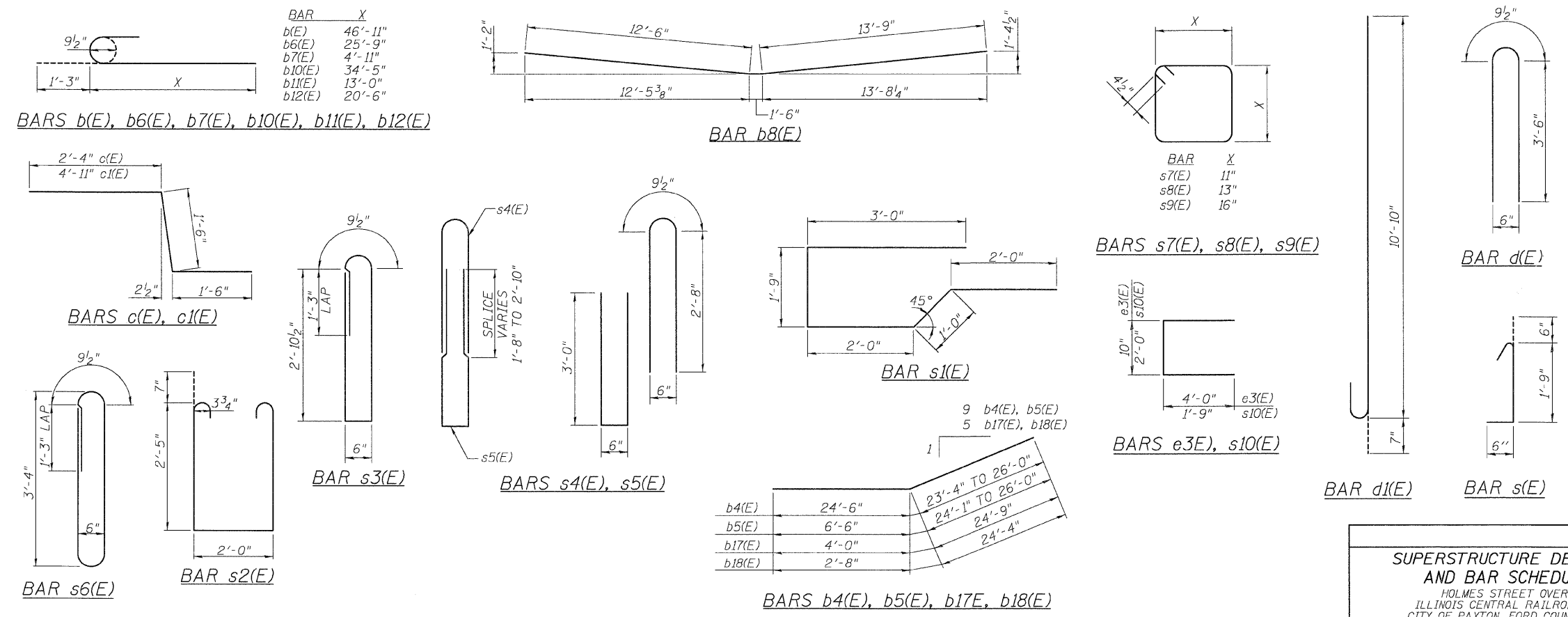
HOLMES ST.
PINE ST.
CENTER ST.



**SUPERSTRUCTURE
BILL OF MATERIAL**

Bar	No.	Size	Length	Shape
a(E)	27	#8	41'-8"	
a1(E)	72	#5	41'-8"	
a2(E)	129	#5	30'-0"	
a3(E)	73	#5	19'-10"	
a4(E)	37	#5	28'-5"	
a5(E)	19	#5	37'-0"	
a6(E)	32	#5	38'-0"	
a7(E)	16	#4	24'-8"	
b(E)	162	#9	48'-2"	
b1(E)	41	#9	49'-3"	
b2(E)	5	#9	9'-0" TO 33'-3"	
b3(E)	2	#9	40'-0"	
b4(E)	12	#9	47'-10" TO 50'-6"	
b5(E)	12	#9	30'-7" TO 32'-6"	
b6(E)	15	#9	27'-0"	
b7(E)	24	#9	6'-2"	
b8(E)	86	#5	27'-9"	
b9(E)	16	#5	36'-3"	
b10(E)	10	#9	35'-8"	
b11(E)	5	#9	14'-3"	
b12(E)	10	#9	21'-9"	
b13(E)	84	#8	25'-7"	
b14(E)	85	#8	49'-6"	
b15(E)	91	#8	36'-0"	
b16(E)	18	#8	41'-3"	
b17(E)	10	#8	28'-9"	
b18(E)	10	#8	27'-0"	
b19(E)	12	#8	27'-10"	
c(E)	181	#5	5'-4"	
c1(E)	94	#5	7'-11"	
c2(E)	275	#5	5'-8"	
c3(E)	80	#5	30'-0"	
d(E)	56	#5	7'-10"	
d1(E)	16	#5	11'-5"	
e(E)	80	#7	36'-6"	
e1(E)	8	#5	9'-8"	
e2(E)	8	#7	9'-8"	
e3(E)	8	#5	8'-10"	
s(E)	117	#5	2'-9"	
s1(E)	117	#5	9'-9"	
s2(E)	90	#5	8'-0"	
s3(E)	237	#5	8'-4"	
s4(E)	133	#5	6'-2"	
s5(E)	133	#5	6'-6"	
s6(E)	426	#5	8'-6"	
s7(E)	16	#4	4'-5"	
s8(E)	16	#4	5'-1"	
s9(E)	12	#4	6'-1"	
s10(E)	84	#5	5'-6"	

* SPECIAL RAIL BARS NOT INCLUDED IN TOTAL QUANTITY. PAID FOR UNDER CONCRETE BRIDGE RAIL (SPECIAL).
** CONCRETE LIGHT POLE BARS NOT INCLUDED IN TOTAL QUANTITY. PAID FOR UNDER REINFORCED CONCRETE LIGHT POLES (SPECIAL).



SUPERSTRUCTURE DETAILS AND BAR SCHEDULE
HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD CITY OF PAXTON, FORD COUNTY

DESIGN BY: DRS	DRAWING NO. S-8	Job# C-93-016-01
DRAWN BY: DJR		DATE 1/1/08
CHECKED BY: BAP		SCALE AS SHOWN

Edwards and Kelcey

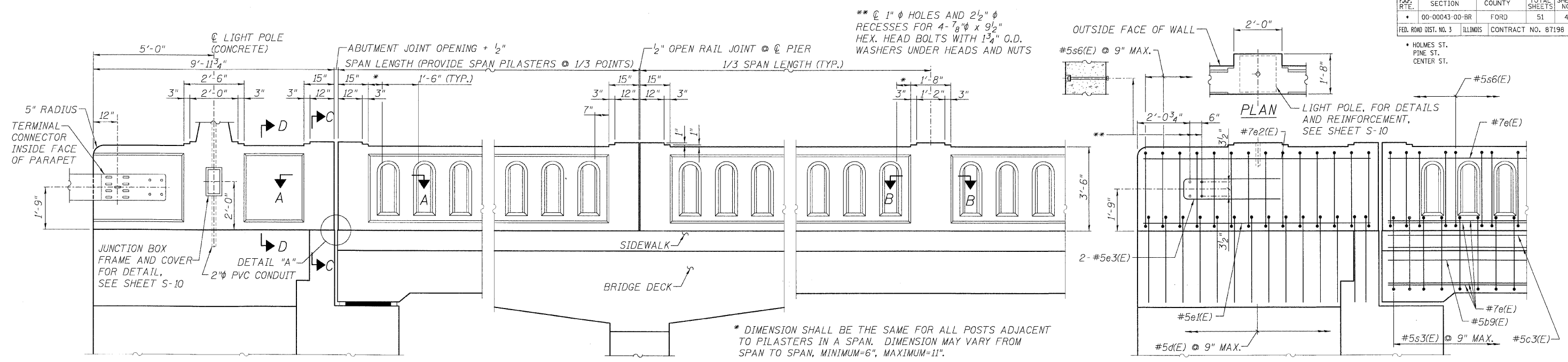
DATE	REVISIONS

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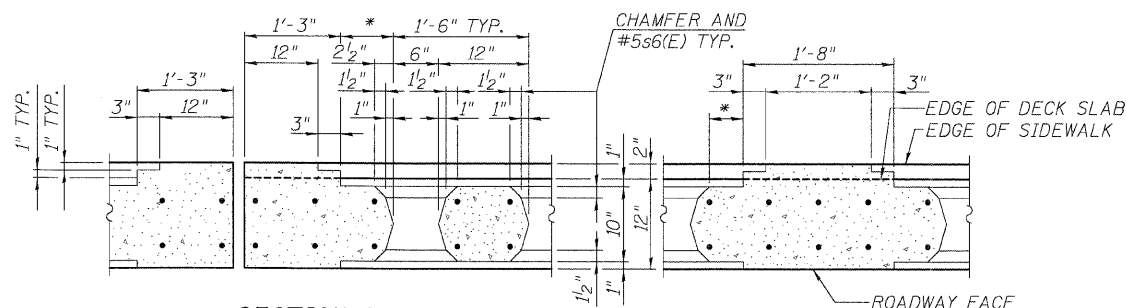
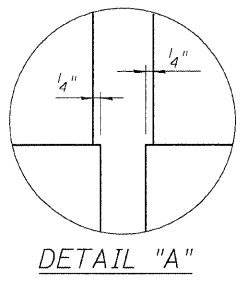
6/30/2008 2:00:24 PM
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FAP. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
00-00043-00-BR		FORD	51	42
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

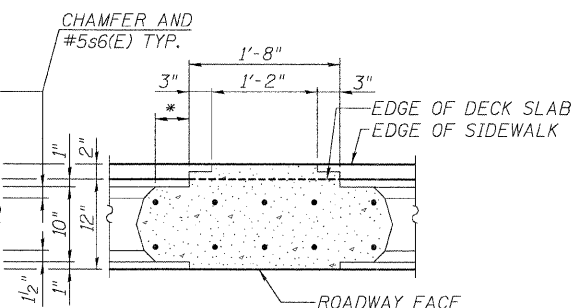
HOLMES ST.
PINE ST.
CENTER ST.



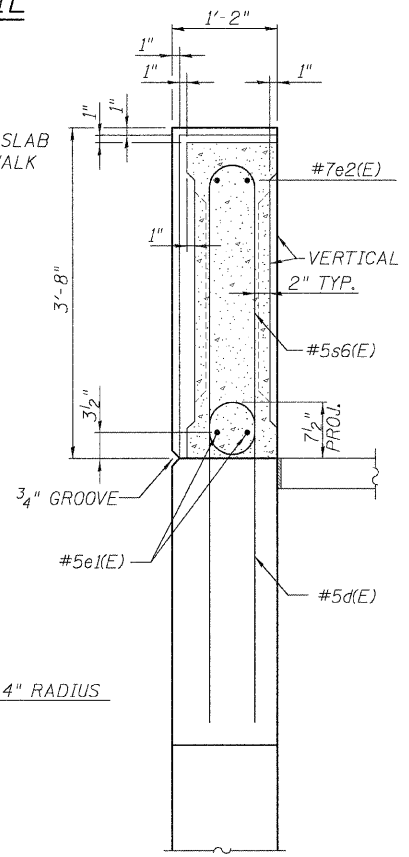
WINGWALL ABUTMENT PILASTER PIER PILASTER SPAN PILASTER TYPICAL REINFORCING PLACEMENT



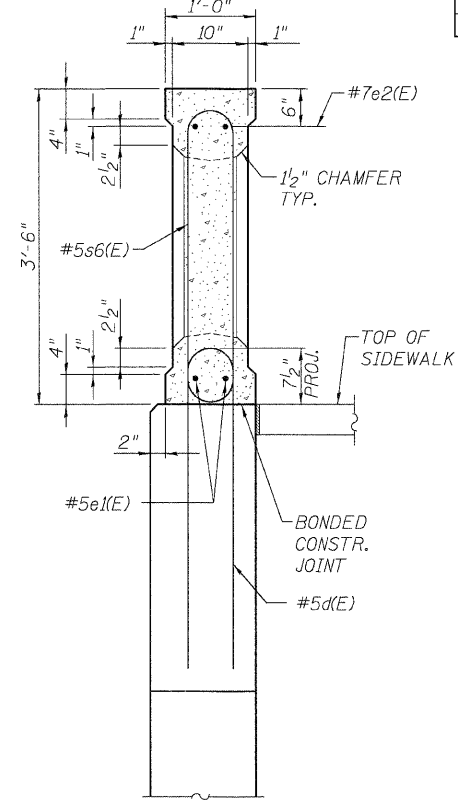
SECTION A-A (AT WEST ABUTMENT, EAST ABUTMENT AT NORTH END, SIMILAR AT PIER)



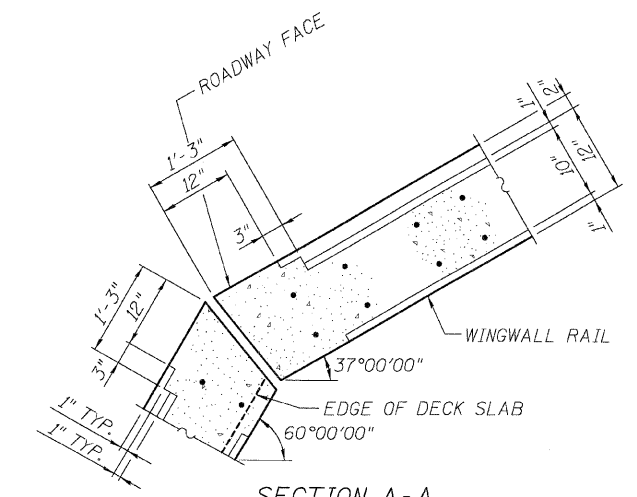
SECTION B-B



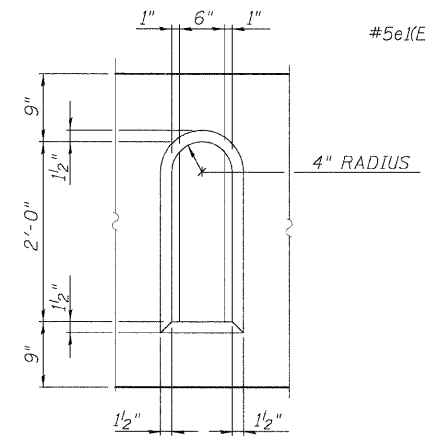
SECTION C-C



SECTION D-D



SECTION A-A (AT EAST ABUTMENT, SOUTH END)



WINDOW DETAIL

BILL OF MATERIAL

CONCRETE BRIDGE RAIL (SPECIAL)	FOOT	316
RUBBED FINISH	SQ.YD.	362
REINF. CONC. LIGHT POLE (SPECIAL)	EACH	4

NOTES:

- FACE OF RAIL AND PILASTER SHALL BE VERTICAL TRANSVERSELY UNLESS OTHERWISE APPROVED BY THE ENGINEER.
- ALL CONCRETE FOR RAILING WALL SHALL BE CLASS SI IN ACCORDANCE WITH ARTICLE 1020.04 OF THE STANDARD SPECIFICATIONS. SURFACES OF RAILING SHALL RECEIVE A RUBBED FINISH ACCORDING TO ARTICLE 503.16(b) OF THE STANDARD SPECIFICATIONS.
- SHOP DRAWINGS WILL NOT BE REQUIRED FOR THIS RAIL.
- AVERAGE WEIGHT OF RAILING 350 LBS./LIN. FT.
- REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
- ALL PARTS OF THE RAILING INCLUDING CONCRETE AND REINFORCING ARE INCLUDED IN THE CONTRACT UNIT PRICE FOR CONCRETE BRIDGE RAIL (SPECIAL).
- RAILING SEGMENTS ARE SET ON STRAIGHT, CURVED, AND ANGLED ALIGNMENTS, SEE GENERAL PLANS.
- SPAN PILASTERS SHALL BE SPACED AT 1/3 POINTS ALONG EACH SPAN.

TEXAS RAILING DETAILS

HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD CITY OF PAXTON, FORD COUNTY

DESIGN BY DRS	DRAWING NO. S-9	Job# C-93-016-01
DRAWN BY DJR		DATE 7/1/08
CHECKED BY BAP		SCALE AS SHOWN

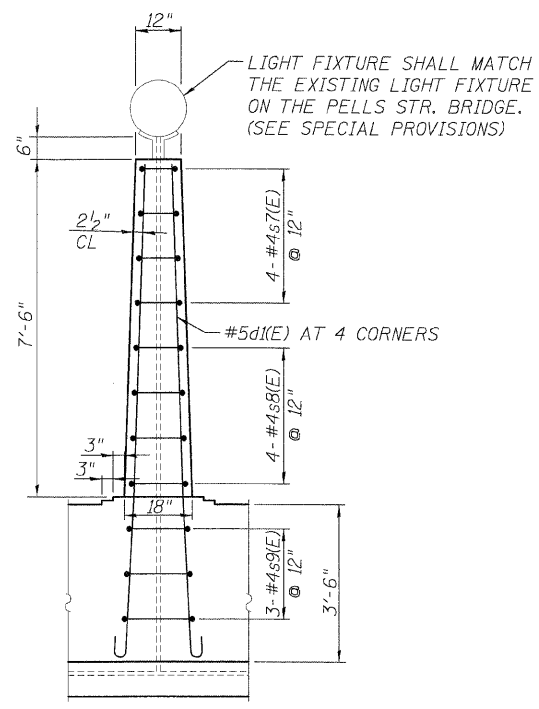


DATE	REVISIONS

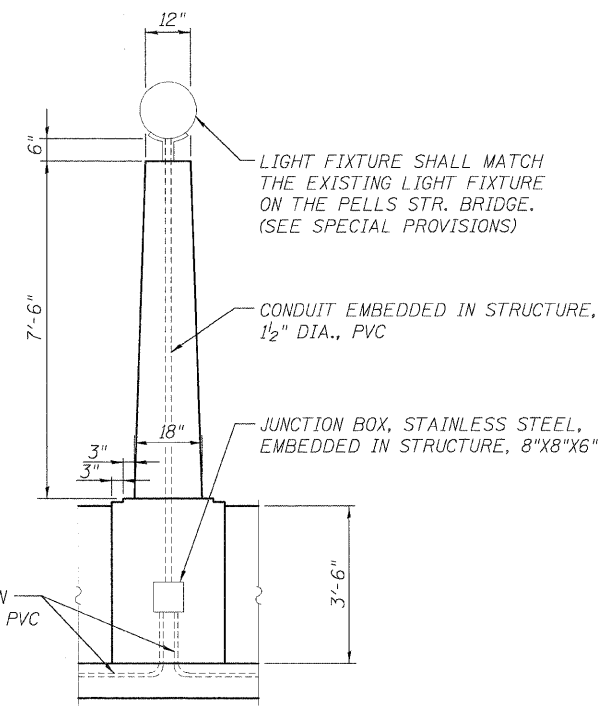
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F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	43
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		

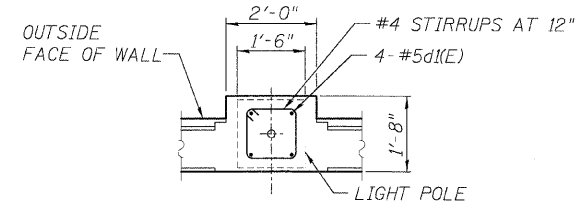
• HOLMES ST.
• PINE ST.
• CENTER ST.



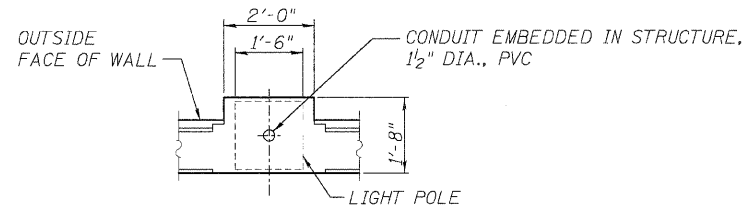
LIGHT POLE ELEVATION



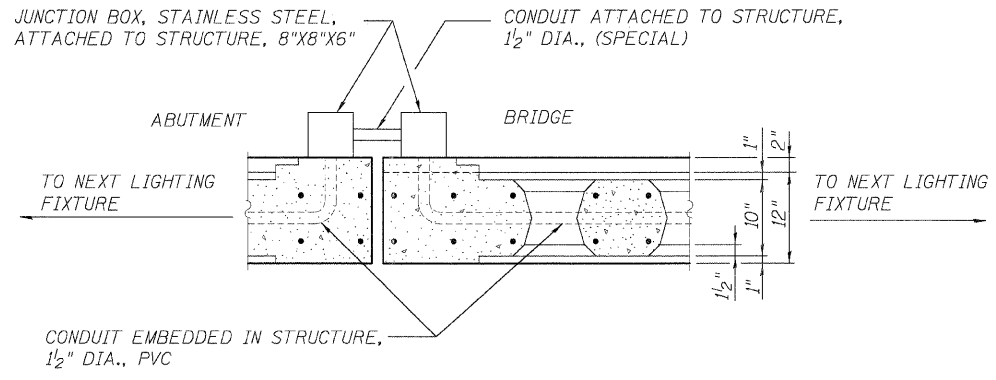
LIGHT POLE-ELECTRICAL DETAILS ELEVATION



LIGHT POLE PLAN



LIGHT POLE-ELECTRICAL DETAIL PLAN



CONCRETE RAILING JOINT ELECTRICAL DETAIL PLAN

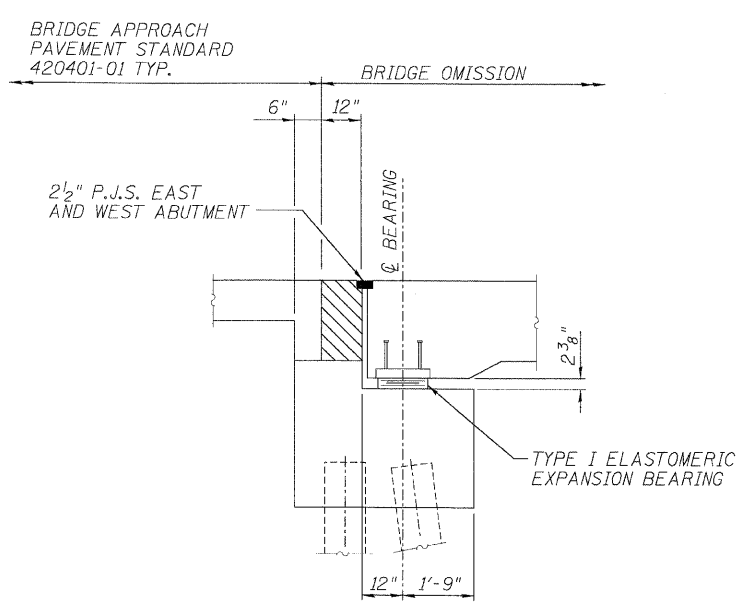
LIGHTING AND ELECTRICAL DETAILS		
HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD CITY OF PAXTON, FORD COUNTY		
DESIGN BY: DRS	DRAWING NO. S-10	Job# C-93-016-01
DRAWN BY: DJR		DATE 7/1/08
CHECKED BY: BAP		SCALE AS SHOWN

Edwards AND Kelcey	DATE	REVISIONS

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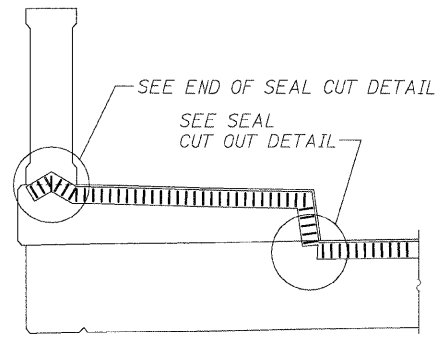
FAR. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR		FORD	51	44
FED. ROAD DIST. NO. 3	ILLINOIS	CONTRACT NO. 87198		



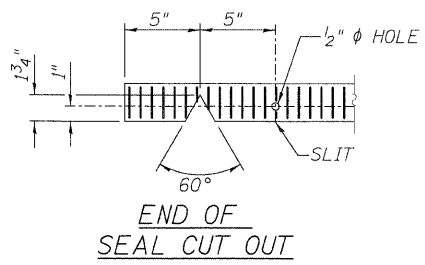
SECTION THROUGH ABUTMENTS

BILL OF MATERIAL

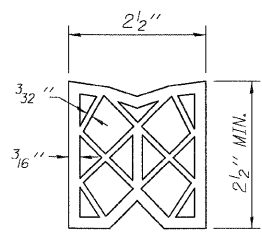
ITEM	UNIT	TOTAL
PREFORMED JOINT SEAL 2 1/2"	FOOT	122
ELASTOMERIC BEARING ASSEMBLY, TYPE 1	EACH	11



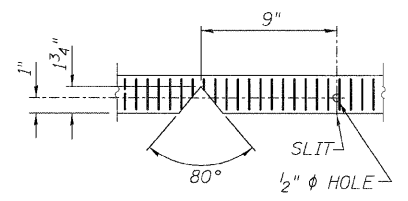
END TREATMENT



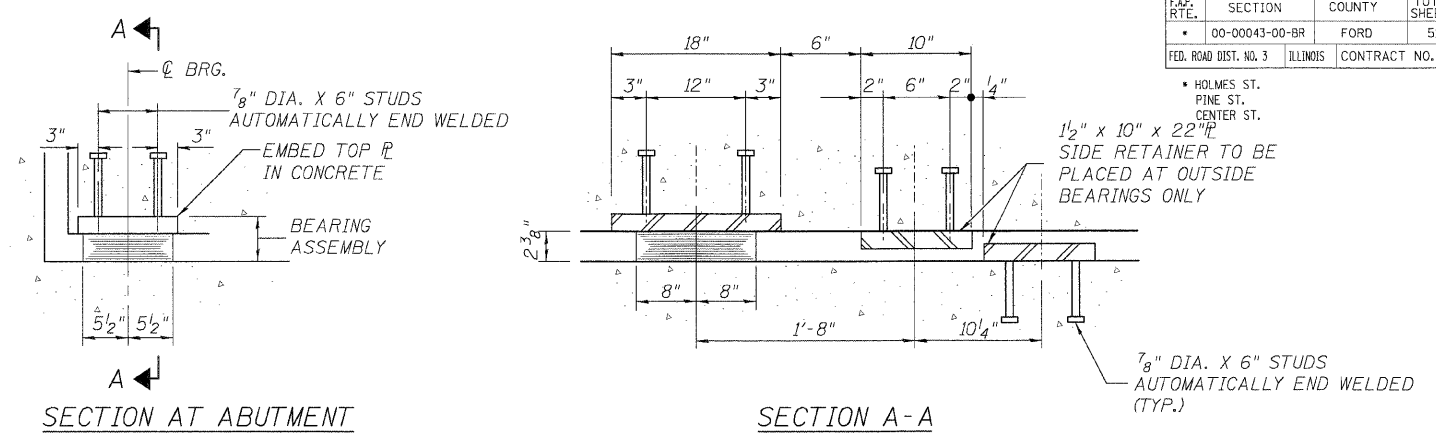
END OF SEAL CUT OUT



PREFORMED JOINT SEAL (2 1/2'')



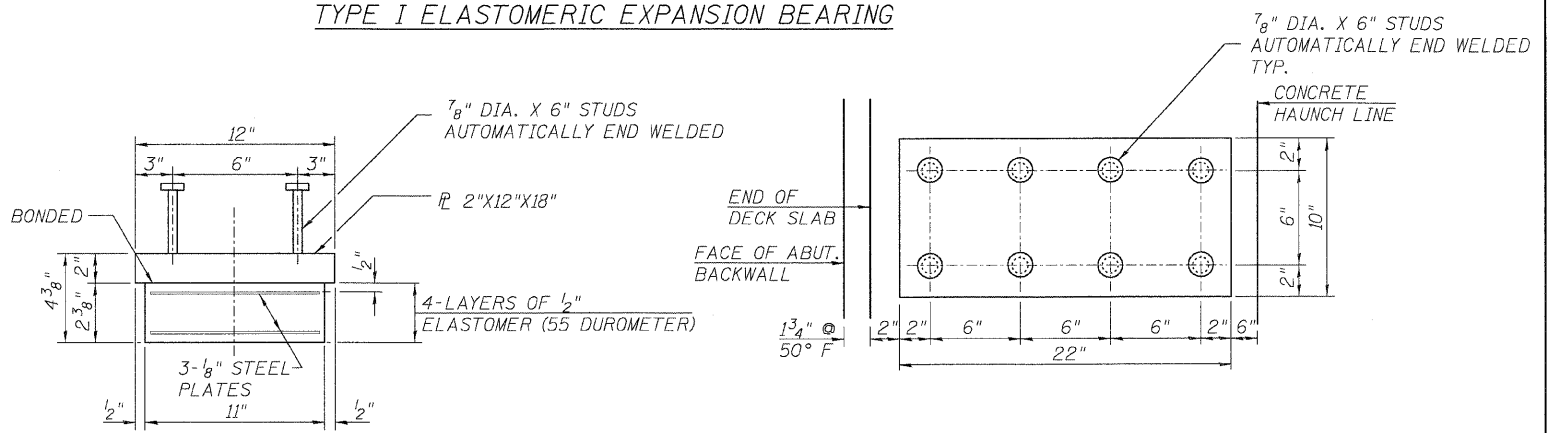
SEAL CUT OUT AT CURB



SECTION AT ABUTMENT

SECTION A-A

TYPE I ELASTOMERIC EXPANSION BEARING



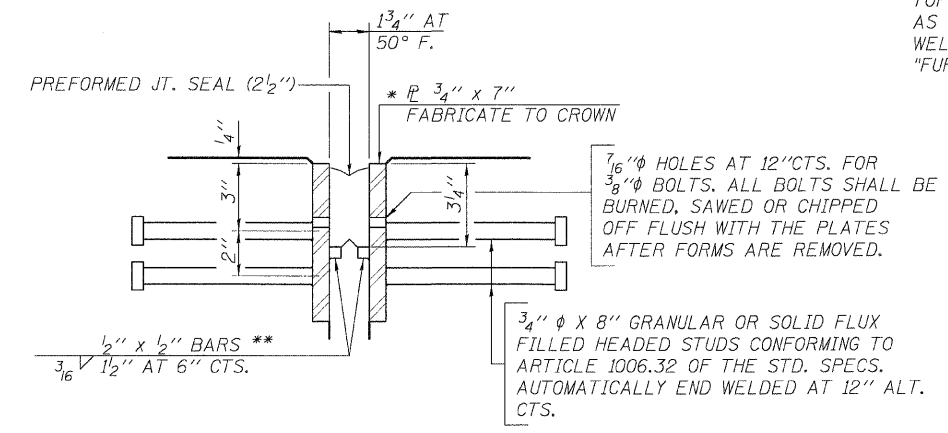
BEARING ASSEMBLY

SHIM PLATES SHALL NOT BE PLACED UNDER BEARING ASSEMBLY.

SIDE RETAINER PLATE

TYPICAL TOP AND BOTTOM (TOTAL = 8 PLATES)

- NOTES:
1. THE COST OF THE TOP PLATE OF THE ELASTOMERIC BEARING ASSEMBLY SHALL BE INCLUDED IN "ELASTOMERIC BEARING ASSEMBLY, TYPE 1".
 2. THE COST OF THE SHEAR STUDS WELDED TO THE TOP PLATE OF THE BEARING ASSEMBLY, AS WELL AS THE SIDE RETAINER PLATES AND THE STUDS WELDED TO THEM SHALL BE INCLUDED IN "FURNISH AND ERECT STRUCTURAL STEEL".

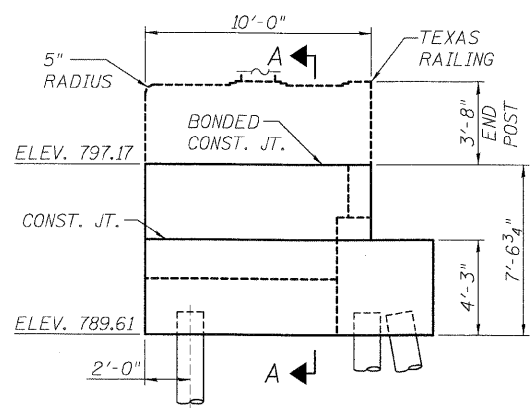


EXPANSION JOINT DETAIL

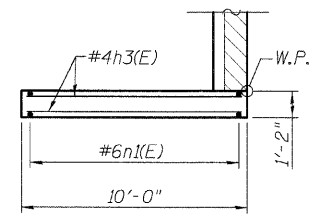
- * FURNISH IN SEGMENTS OF 20 FT. MAXIMUM LENGTH. MAXIMUM SPACE BETWEEN INSTALLED SEGMENTS SHALL BE 3/16". SEAL SPACE WITH SILICONE SEALANT SUITABLE FOR STRUCTURAL STEEL.
- ** CUT RETAINER BARS IN SIDEWALK OR MEDIAN 6" SHORT OF THE SIDEWALK OR MEDIAN FACE. AFTER FABRICATION ALL SURFACES OF THE STEEL PLATES SHALL BE GIVEN ONE SHOP COAT OF PAINT SPECIFIED FOR STRUCTURAL STEEL.

EXPANSION JOINT AND BEARING DETAILS		
HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD CITY OF PAXTON, FORD COUNTY		
DESIGN BY DPS	DRAWING NO. S-11	Job# C-93-016-01
DRAWN BY DJR		DATE 7/1/08
CHECKED BY BAP		SCALE AS SHOWN

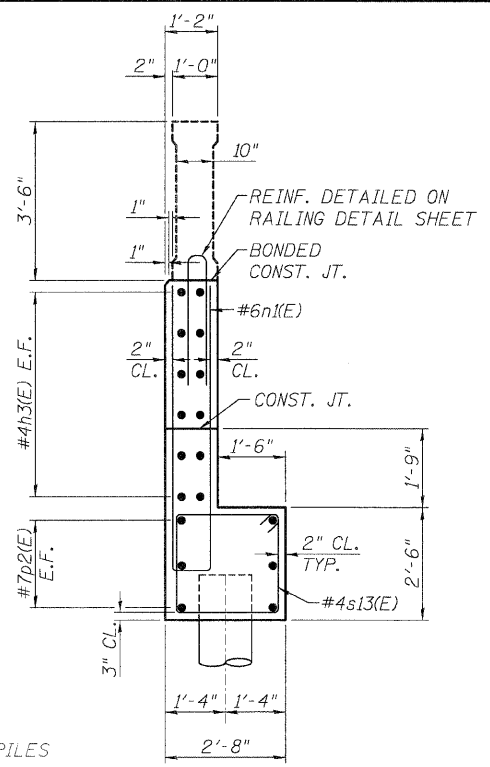
Edwards and Kelcey	DATE	REVISIONS



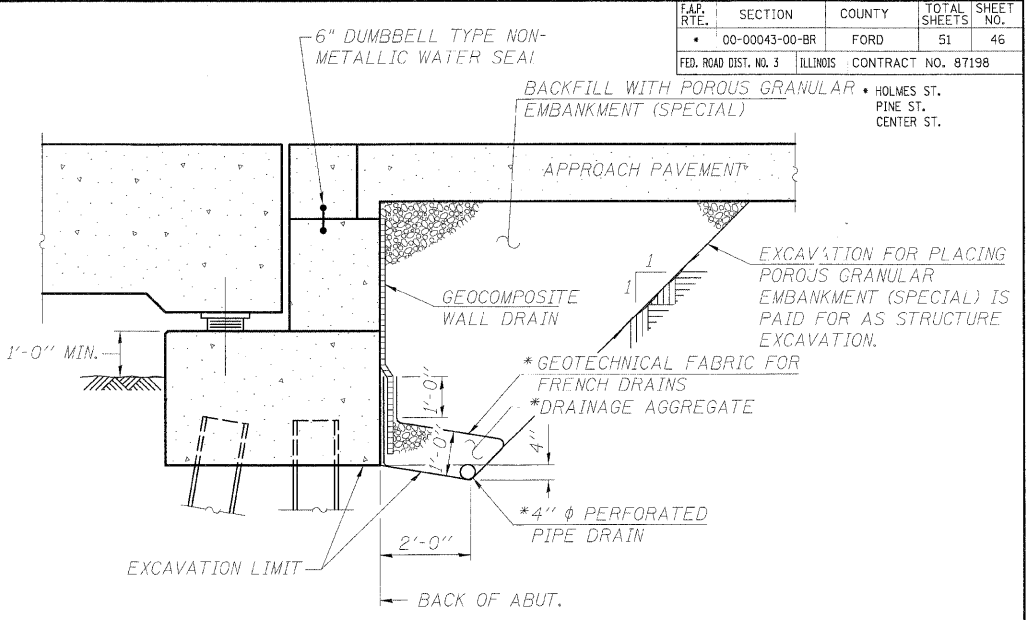
WINGWALL ELEVATION
(SOUTH WINGWALL SHOWN)



SECTION B-B



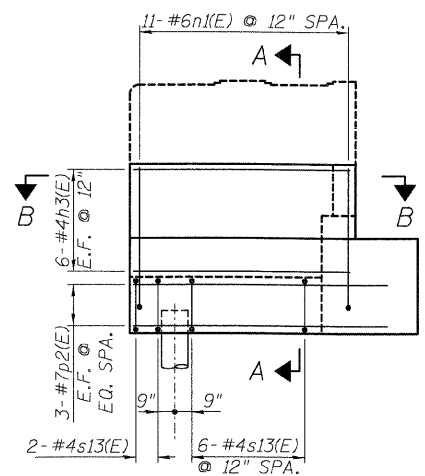
SECTION A-A



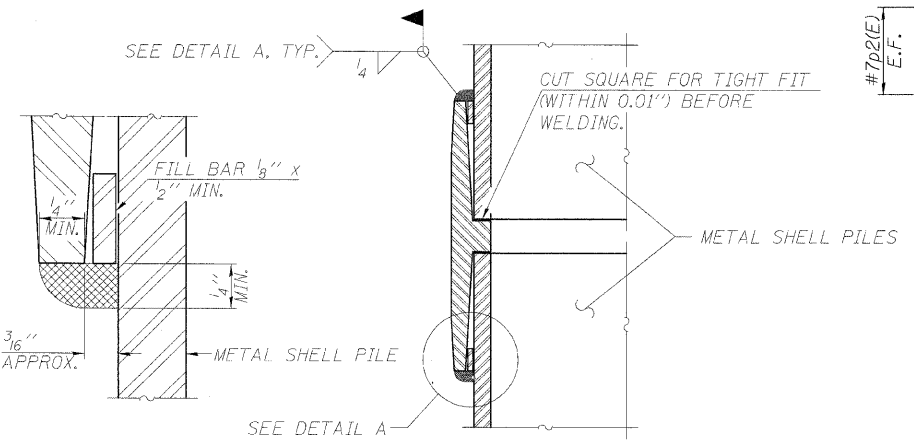
ABUTMENT DRAINAGE AND WATERPROOFING
(HORIZ. DIM. @ RT. L'S)

* INCLUDED IN THE COST OF PIPE UNDERDRAINS FOR STRUCTURES.

ALL DRAINAGE SYSTEM COMPONENTS SHALL EXTEND PARALLEL TO THE ABUTMENT BACK WALL UNTIL THEY INTERSECT THE WINGWALLS OR 2'-0" FROM THE END OF THE WINGWALLS WHEN THE WINGS ARE PARALLEL TO THE ABUTMENT. THE PIPE SHALL EXTEND UNDER THE WINGWALL, IF NECESSARY, UNTIL INTERSECTING THE SIDE SLOPES. THE PIPES SHALL DRAIN INTO CONCRETE HEADWALLS. (SEE ARTICLE 601.05 OF THE STANDARD SPECIFICATIONS AND HIGHWAY STANDARD 601101).



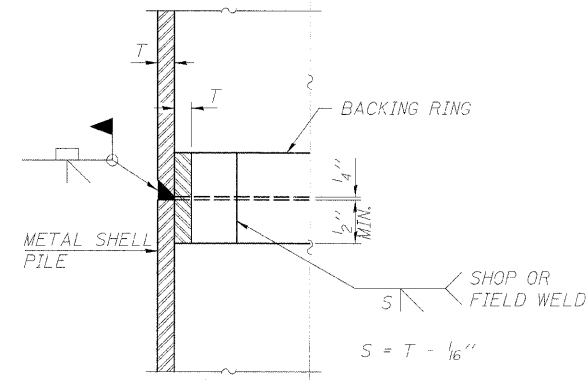
WINGWALL REINFORCEMENT



DETAIL A

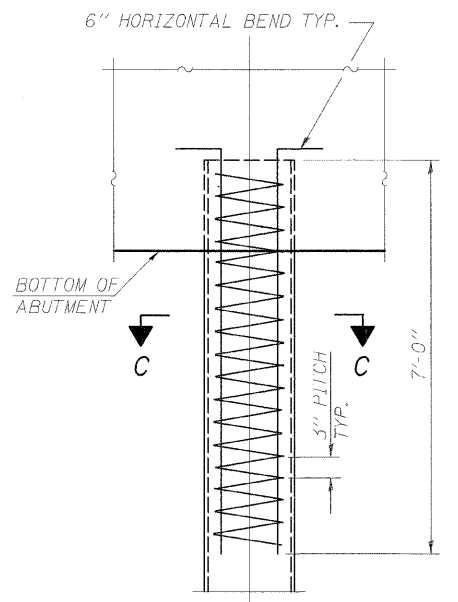
THE 1/8" X 1/2" MIN. FILL BAR MAY BE CONSTRUCTED OF 2 BARS WITH A 1/8" MAX. GAP BETWEEN THEM. PILE SEGMENTS SHALL BE DRIVEN TO SOLID CONTACT WITH SPLICER BEFORE WELDING.

WELDED COMMERCIAL SPLICE

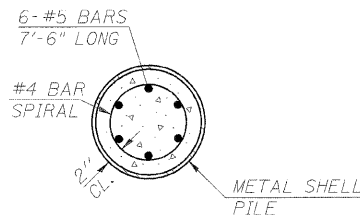


COMPLETE PENETRATION WELD SPLICE

BACKING RING MADE FROM PILE SHELL. REMOVE SEGMENT TO ALLOW REDUCING CIRCUMFERENCE AND VERTICALLY REJOIN WITH PARTIAL JOINT PENETRATION WELD.



ELEVATION

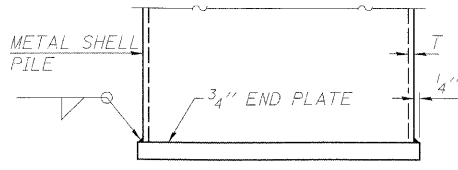


SECTION C-C

THE METAL SHELL PILES SHALL BE ACCORDING TO ASTM A 252 GRADE 3. THE COST OF REINFORCEMENT IS INCLUDED WITH FURNISHING PILES.

METAL SHELL PILE TABLE

DESIGNATION	WALL THICKNESS T	WEIGHT PER FOOT (LBS./FT.)	INSIDE VOLUME (YD. ³ /FT.)
PP14	0.250"	36.71	0.0368



END PLATE ATTACHMENT

METAL SHELL REINFORCEMENT

WEST ABUTMENT DETAILS

HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD CITY OF PAXTON, FORD COUNTY

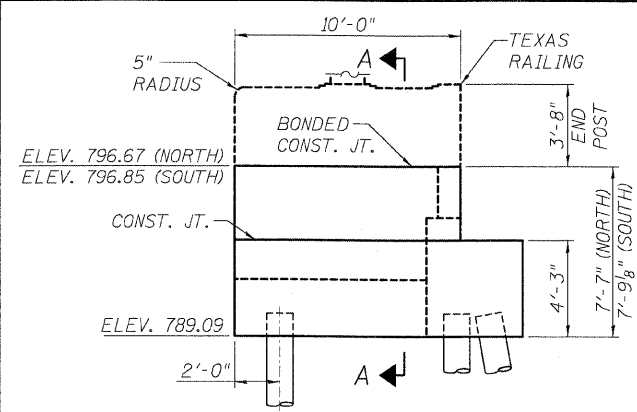
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DRAWN BY: DJR	S-13	C-93-016-01
CHECKED BY: BAP		DATE: 7/1/08
		SCALE: AS SHOWN



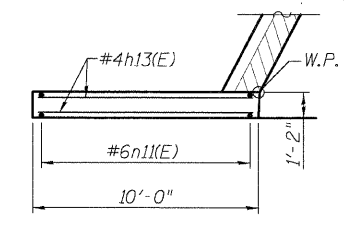
DATE	REVISIONS

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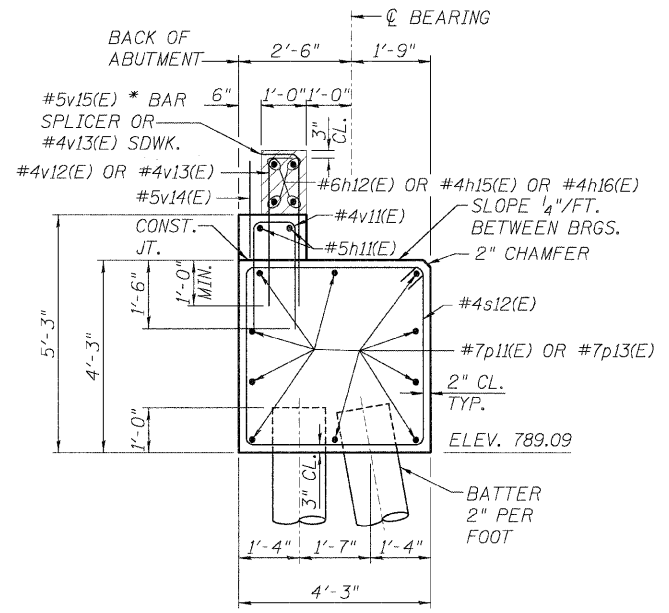
HOLMES ST.
PINE ST.
CENTER ST.



WINGWALL ELEVATION
(NORTH WINGWALL SHOWN)



SECTION B-B

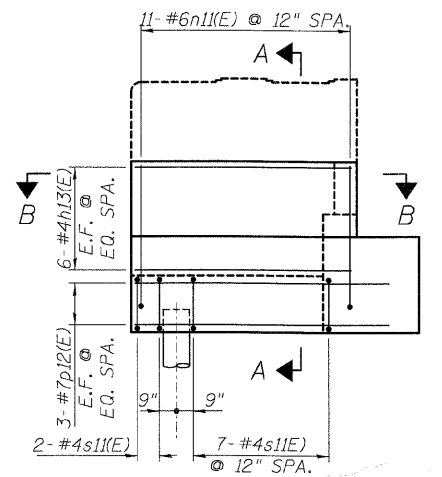


ABUTMENT SECTION

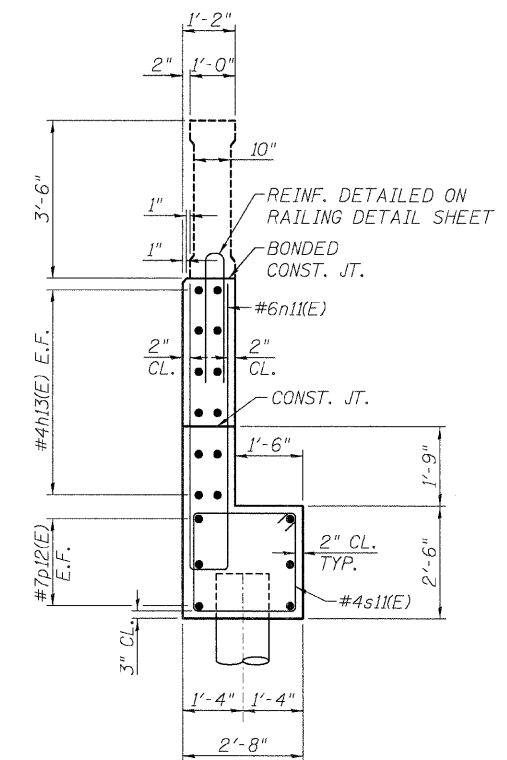
* ALIGN PARALLEL TO APPROACH
SLAB REINFORCEMENT

**EAST ABUTMENT
BILL OF MATERIAL**

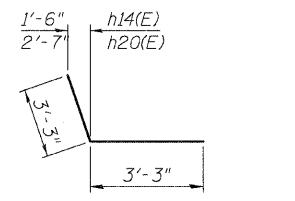
Bar	No.	Size	Length	Shape
h11(E)	4	#5	39'-3"	—
h12(E)	8	#6	39'-0"	—
h13(E)	24	#4	9'-8"	—
h14(E)	4	#5	6'-6"	—
h15(E)	2	#4	5'-2"	—
h16(E)	2	#4	6'-9"	—
h20(E)	4	#5	6'-6"	—
n11(E)	22	#6	13'-4"	—
p11(E)	10	#7	30'-0"	—
p12(E)	12	#7	11'-5"	—
p13(E)	10	#7	52'-9"	—
s11(E)	18	#4	9'-7"	—
s12(E)	62	#4	16'-3"	—
v11(E)	76	#4	5'-10"	—
v12(E)	64	#4	4'-5"	—
v13(E)	26	#4	4'-11"	—
v14(E)	64	#5	2'-2"	—
v15(E)	63	#5	4'-6"	—
u11(E)	8	#6	9'-11"	—
STRUCTURE EXCAVATION	CU. YD.		194	
CONCRETE STRUCTURES	CU. YD.		64	
REINFORCEMENT BARS, EPOXY COATED	POUND		5188	
FURNISHING METAL SHELL PILES 14"	FOOT		990	
TEST PILE MET. SHELLS DRIV. & FILLING SHELLS	EACH		1	
	FOOT		990	
CONCRETE SEALER	SQ. FT.		301	



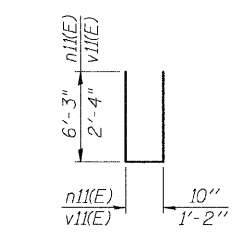
WINGWALL REINFORCEMENT



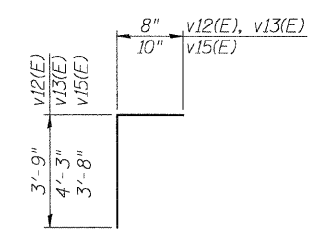
SECTION A-A



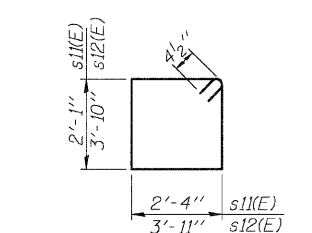
BARS h14(E), h20(E)



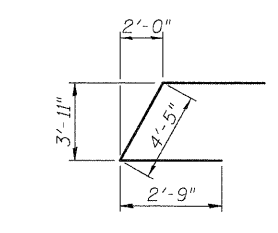
BARS n11(E), v11(E)



**BAR v12(E),
v13(E), v15(E)**



BARS s11(E), s12(E)



BAR u11(E)

PILE DATA

TYPE: 14"φ METAL SHELL CONCRETE PILES
CAPACITY: 50 TONS
ESTIMATED LENGTH: 45 FEET
NUMBER REQUIRED: 22 + 1 TEST PILES

EAST ABUTMENT DETAILS

HOLMES STREET OVER
ILLINOIS CENTRAL RAILROAD
CITY OF PAXTON, FORD COUNTY

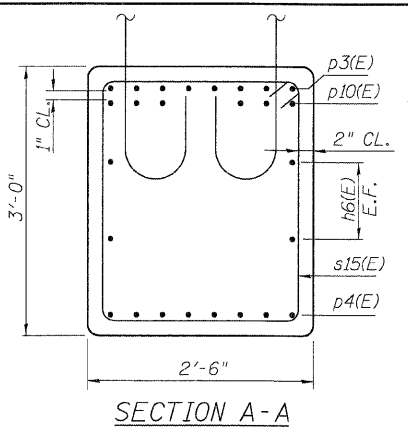
DESIGN BY: DRS	DRAWING NO.:	Job#:
DRAWN BY: DJR	S-15	C-93-016-01
CHECKED BY: BAP		DATE: 7/1/08
		SCALE: AS SHOWN

Edwards and Kelcey	DATE	REVISIONS

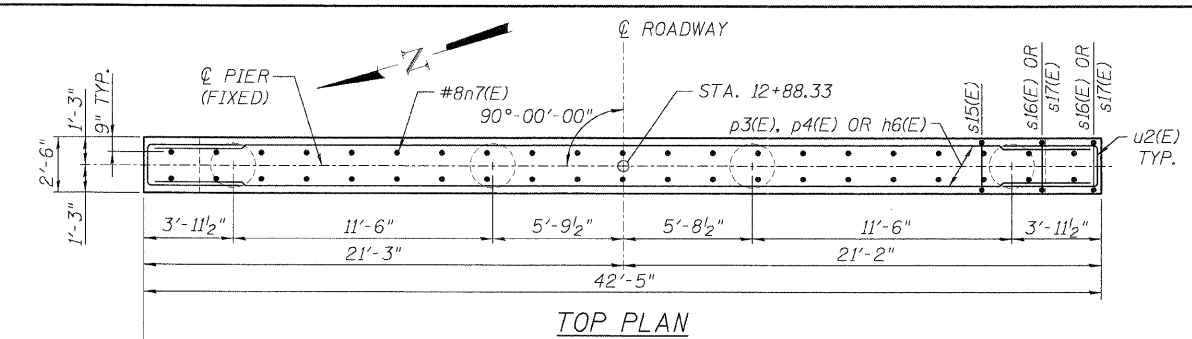
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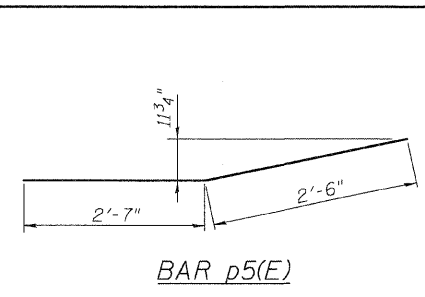
F.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
00-00043-00-BR	FORD	ILLINOIS	51	49
FED. ROAD DIST. NO. 3		CONTRACT NO. 87198		



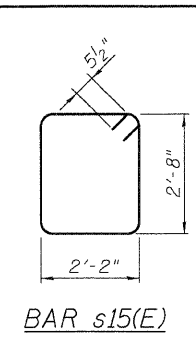
SECTION A-A



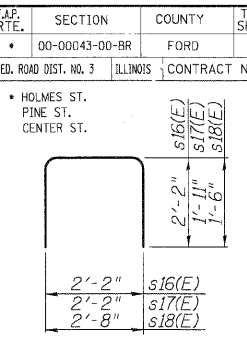
TOP PLAN



BAR p5(E)



BAR s15(E)



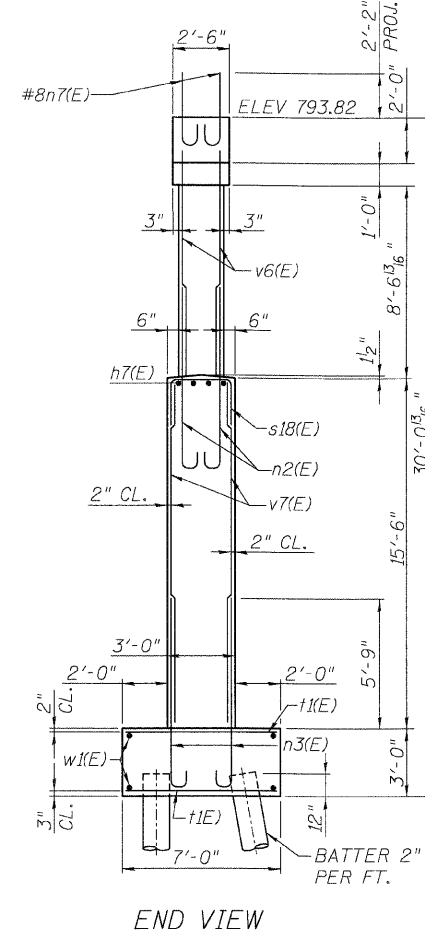
BARS s16(E), s17(E) AND s18(E)

PILE DATA

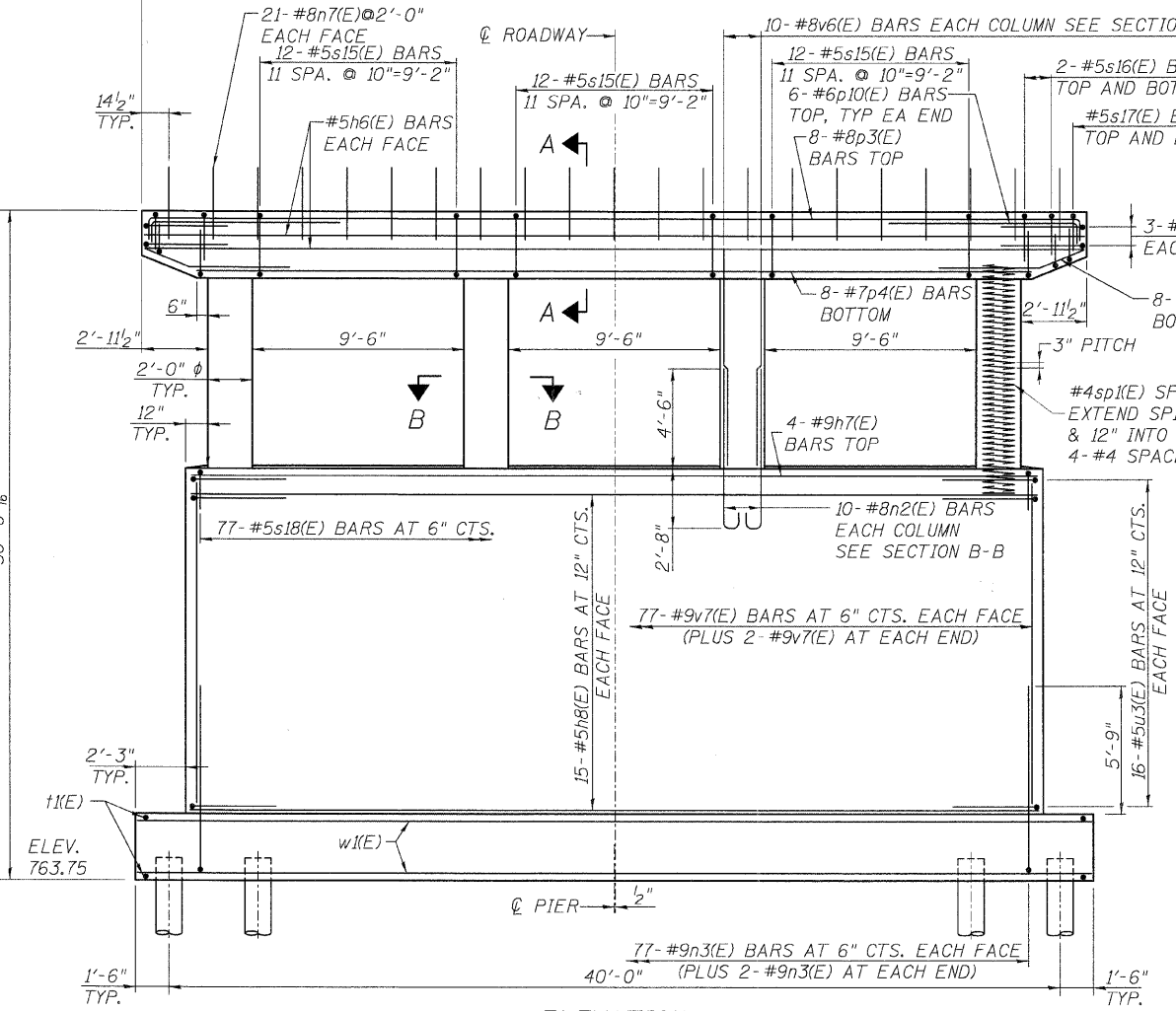
TYPE: 14" METAL SHELL CONCRETE PILES
 CAPACITY: 50 TONS
 ESTIMATED LENGTH: 45 FEET
 NUMBER REQUIRED: 21 + 1 TEST PILES

PIER 1
 BILL OF MATERIAL

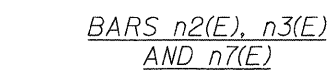
Bar	No.	Size	Length	Shape
h6(E)	4	#5	42'-1"	—
h7(E)	4	#9	38'-2"	—
h8(E)	30	#5	38'-2"	—
n2(E)	40	#8	8'-1"	U
n3(E)	158	#9	9'-9"	U
n7(E)	42	#8	4'-4"	U
p3(E)	8	#8	45'-5"	L
p4(E)	8	#7	37'-6"	L
p5(E)	16	#6	5'-1"	L
p10(E)	12	#6	13'-0"	L
s15(E)	36	#5	10'-7"	□
s16(E)	8	#5	6'-6"	□
s17(E)	4	#5	6'-0"	□
s18(E)	77	#5	5'-8"	□
sp1(E)	4	#4	219'-11"	
11(E)	88	#6	6'-8"	—
u2(E)	6	#6	9'-3"	U
u3(E)	32	#5	8'-6"	U
v6(E)	40	#8	10'-9"	—
v7(E)	158	#9	15'-3"	—
w1(E)	16	#5	42'-8"	—
STRUCTURE EXCAVATION	CU. YD.		93	
CONCRETE STRUCTURES	CU. YD.		115	
REINFORCEMENT BARS, EPOXY COATED	POUND		23234	
FURNISHING METAL SHELL PILES 14"	FOOT		945	
TEST PILE MET. SHELLS	EACH		1	
DRIV. & FILLING SHELLS	FOOT		945	



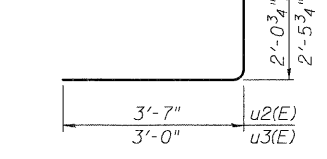
END VIEW



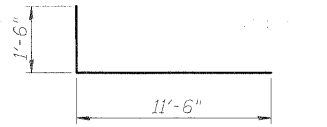
ELEVATION (LOOKING EAST)



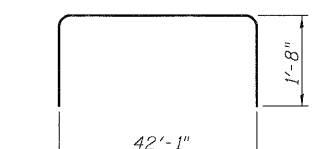
BARS n2(E), n3(E) AND n7(E)



BARS u2(E) AND u3(E)



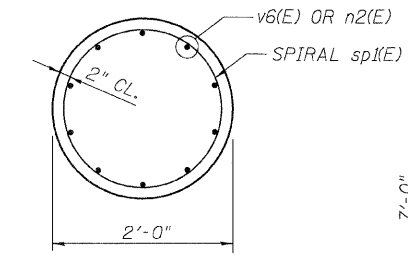
BAR p10(E)



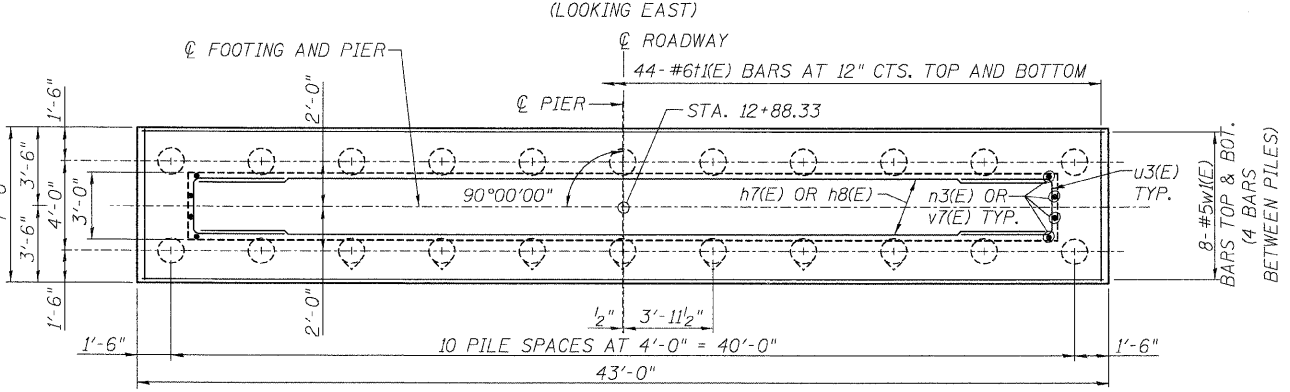
BARS p3(E)

NOTES:

- REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
- ALL EDGES SHALL HAVE STANDARD 3/4" CHAMFER.
- FOR PILE REINFORCEMENT DETAILS, SEE METAL SHELL REINFORCEMENT DETAIL SHEET S-13.
- CONTRACTOR SHALL DRIVE ALL PILES IN THE ROW CLOSEST TO THE TRACK BEFORE OTHER PIER PILES.



SECTION B-B



FOOTING PLAN



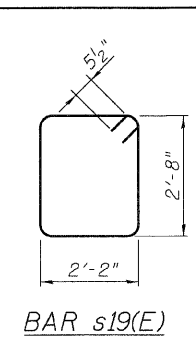
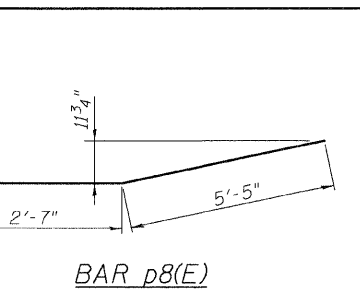
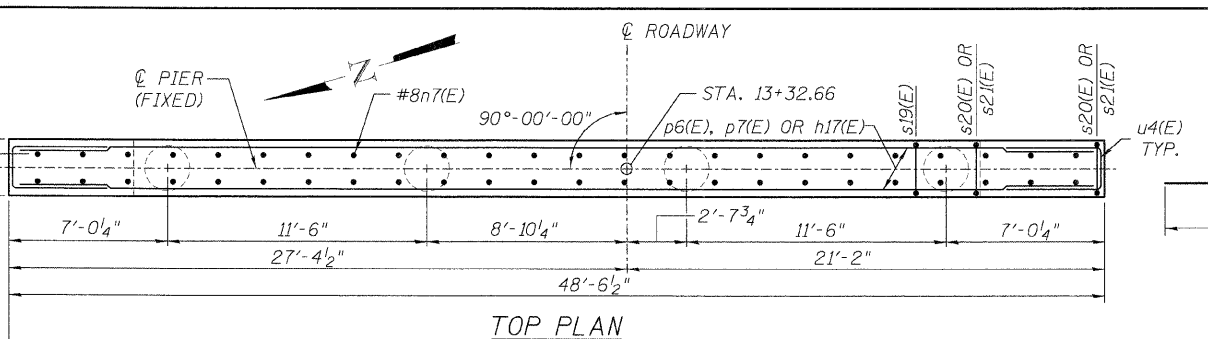
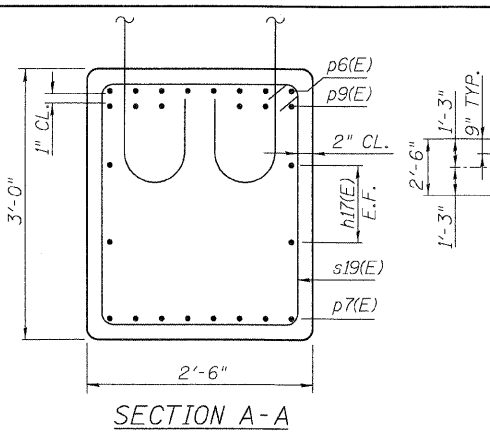
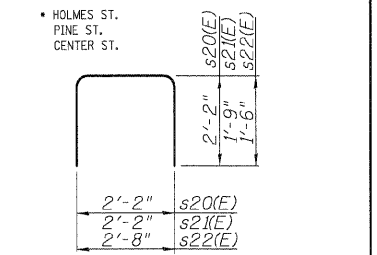
DATE	REVISIONS

PIER 1
 HOLMES STREET OVER
 ILLINOIS CENTRAL RAILROAD
 CITY OF PAXTON, FORD COUNTY

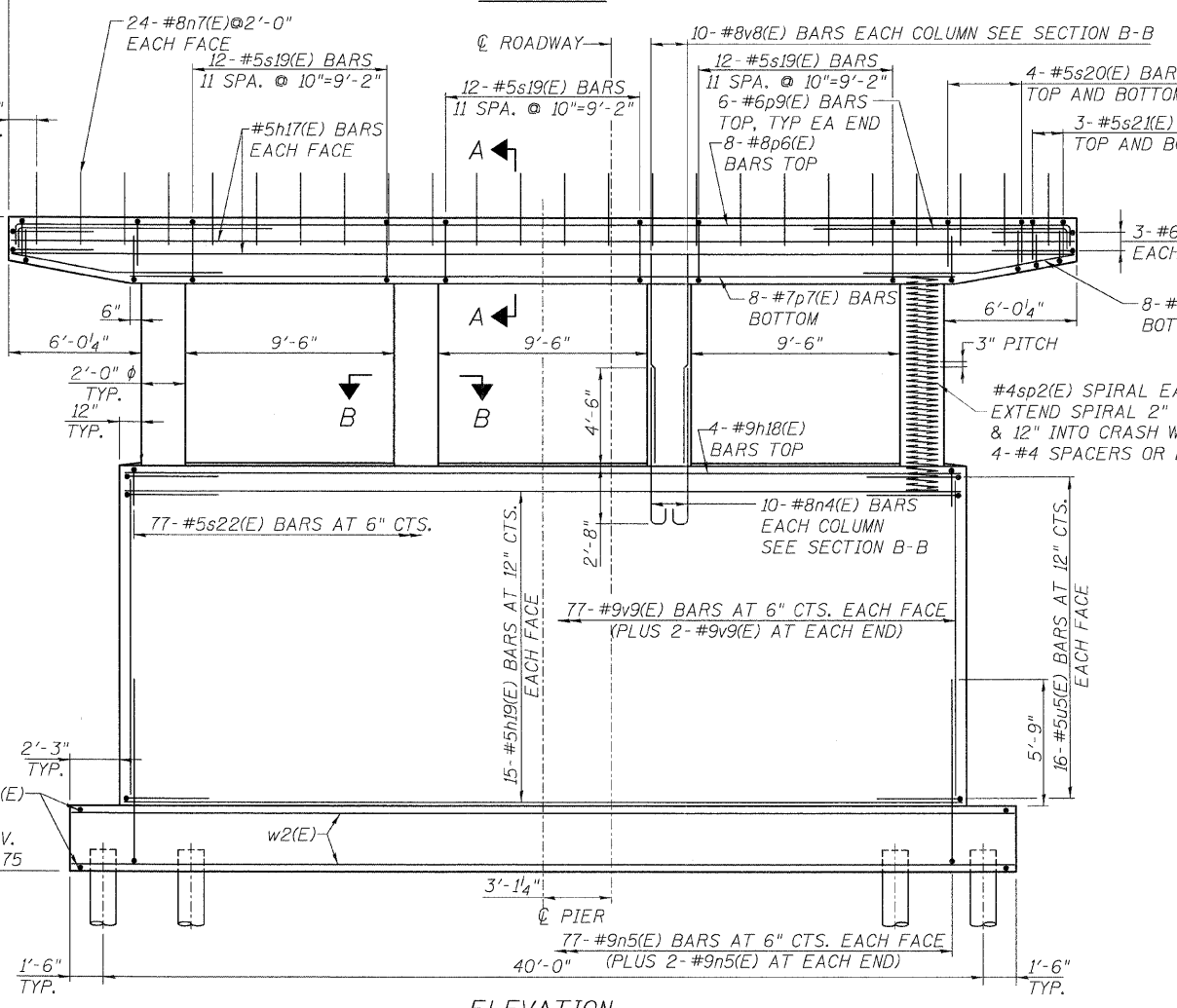
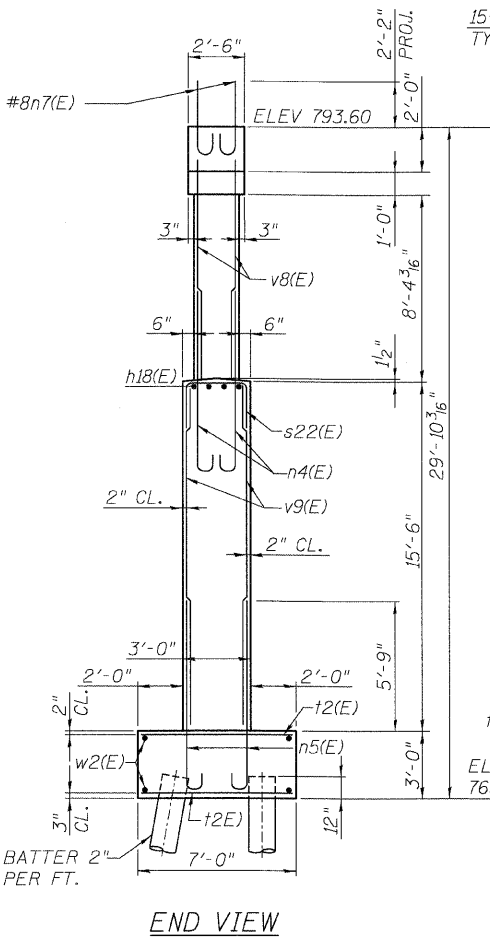
DESIGN BY BAP	DRAWING NO. S-16	Job# C-93-016-01
DRAWN BY DJR	DATE 7/1/08	SCALE AS SHOWN
CHECKED BY DRS		

6/30/2008 1:59:53 PM
 P:\000000\CHICAGO_CADD_Sheets\ST_Pier2.dgn

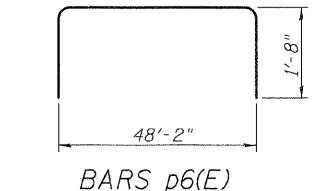
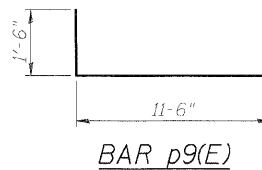
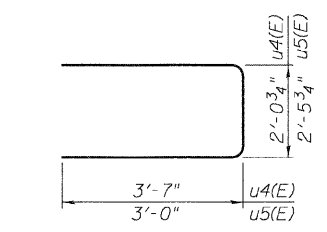
FAP. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
• 00-00043-00-BR	FORD	ILLINOIS	51	50
FED. ROAD DIST. NO. 3			CONTRACT NO. 87198	



BARS s20(E), s21(E) AND s22(E)



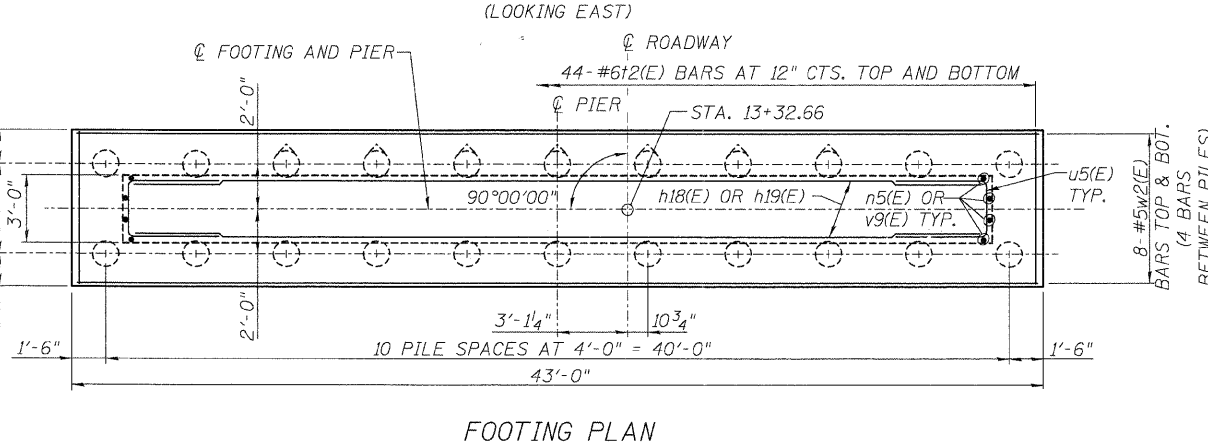
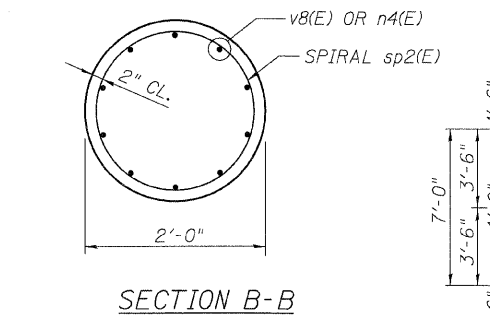
BARS n4(E), n5(E) AND n7(E)



PIER 2
 BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h17(E)	4	#5	48'-2"	—
h18(E)	4	#9	38'-2"	—
h19(E)	30	#5	38'-2"	—
n4(E)	40	#8	8'-1"	U
n5(E)	158	#9	9'-9"	U
n7(E)	48	#8	4'-4"	U
p6(E)	8	#8	51'-6"	U
p7(E)	8	#7	37'-6"	U
p8(E)	16	#6	8'-0"	U
p9(E)	12	#6	13'-0"	U
s19(E)	36	#5	10'-7"	U
s20(E)	16	#5	6'-6"	U
s21(E)	12	#5	5'-8"	U
s22(E)	77	#5	5'-8"	U
sp2(E)	4	#4	215'-0"	W
t2(E)	88	#6	6'-8"	—
u4(E)	6	#6	9'-3"	U
u5(E)	32	#5	8'-6"	U
v8(E)	40	#8	10'-6"	—
v9(E)	158	#9	15'-3"	—
w2(E)	16	#5	42'-8"	—
STRUCTURE EXCAVATION		CU. YD.	87	
CONCRETE STRUCTURES		CU. YD.	117	
REINFORCEMENT BARS,		POUND	23587	
EPOXY COATED				
FURNISHING METAL SHELL PILES 14"		FOOT	945	
TEST PILE MET.SHELLS		EACH	1	
DRIV. & FILLING SHELLS		FOOT	945	

- NOTES:
- REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.
 - ALL EDGES SHALL HAVE STANDARD 3/4" CHAMFER.
 - FOR PILE REINFORCEMENT DETAILS, SEE METAL SHELL REINFORCEMENT DETAIL SHEET S-13.
 - CONTRACTOR SHALL DRIVE ALL PILES IN THE ROW CLOSEST TO THE TRACK BEFORE OTHER PIER PILES.



PIER 2
 HOLMES STREET OVER ILLINOIS CENTRAL RAILROAD CITY OF PAXTON, FORD COUNTY

DESIGN BY: BAP	DRAWING NO.:	Job#:
DRAWN BY: DJR	S-17	C-93-016-01
CHECKED BY: DRS		DATE: 7/1/08
		SCALE: AS SHOWN

Edwards and Kelcey

DATE	REVISIONS

HOLMES ST.
PINE ST.
CENTER ST.

BORING 1 (1 OF 4)

Midwest Testing Services, Inc. BORING LOG
3705 Progress Blvd. Phone: 815-223-6698
P.O. Box 611554 Fax: 815-223-6659
E-Mail: Midwest@TheRock.com

Client: Edwards and Kelcey
Project Name: Holmes Street Bridge
Project Site: Paxton, Illinois

Boring No. 1
Surface Elev. 793.60
Auger Depth 81' Rotary Depth NA
Start Date 05/12/01 Finish Date 05/12/01

Location: 12+R1 Station 12+20

DEPTH (FEET)	DESCRIPTION OF MATERIALS	Sample No.	Sample Type	Moisture (%)	W Value (%)	U Value (%)	Plasticity Index	Plasticity Chart	REMARKS
1									
2									
3	MEDIUM BLACK SAND & CHINKERS (FB)	1	SS	14					
4									
5									
6									
7	STIFF BROWN & GRAY SILTY CLAY TILL	2	SS	15	11			B	21
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BORING 1 (2 OF 4)

Midwest Testing Services, Inc. BORING LOG
3705 Progress Blvd. Phone: 815-223-6698
P.O. Box 611554 Fax: 815-223-6659
E-Mail: Midwest@TheRock.com

Client: Edwards and Kelcey
Project Name: Holmes Street Bridge
Project Site: Paxton, Illinois

Boring No. 1
Surface Elev. 793.60
Auger Depth 81' Rotary Depth NA
Start Date 05/12/01 Finish Date 05/12/01

Location: 15+R1 Station 12+20

DEPTH (FEET)	DESCRIPTION OF MATERIALS	Sample No.	Sample Type	Moisture (%)	W Value (%)	U Value (%)	Plasticity Index	Plasticity Chart	REMARKS
1									
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BORING 1 (3 OF 4)

Midwest Testing Services, Inc. BORING LOG
3705 Progress Blvd. Phone: 815-223-6698
P.O. Box 611554 Fax: 815-223-6659
E-Mail: Midwest@TheRock.com

Client: Edwards and Kelcey
Project Name: Holmes Street Bridge
Project Site: Paxton, Illinois

Boring No. 1
Surface Elev. 793.60
Auger Depth 81' Rotary Depth NA
Start Date 05/12/01 Finish Date 05/12/01

Location: 15+R1 Station 12+20

DEPTH (FEET)	DESCRIPTION OF MATERIALS	Sample No.	Sample Type	Moisture (%)	W Value (%)	U Value (%)	Plasticity Index	Plasticity Chart	REMARKS
1									
2									
3									
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