

GENERAL NOTES

1. THIS PROJECT IS LOCATED ON VARIOUS ROUTES IN ROCK ISLAND COUNTY. THE WORK INCLUDED IN THE SECTION CONSISTS OF VARIOUS TYPES OF GUARDRAIL REMOVAL, REPLACEMENT, AND ALL OTHER WORK NECESSARY TO COMPLETE THE PROJECT.
2. NO MATERIAL SHALL BE LEFT ON OR NEAR THE ROADWAY DURING NON-WORKING HOURS.
3. ANY NECESSARY TRAFFIC CONTROL WILL BE PROVIDED BY THE CONTRACTOR. APPROPRIATE STANDARDS ARE INCLUDED IN THE PLANS AND CONTRACT DOCUMENTS.
4. ILLINOIS STATE LAW REQUIRES 48 HOUR NOTICE TO BE GIVEN TO UTILITIES BEFORE DIGGING. FIELD MARKING OF FACILITIES MAY BE OBTAINED BY CONTACTING J.U.L.I.E. (PHONE 800-892-0123) OR FOR NON-MEMBERS, BY CONTACTING THE UTILITY COMPANY DIRECTLY.
5. WHEN NO WORK IS BEING PERFORMED, THE FLAGGERS WILL NOT BE REQUIRED. IF THE FLAGGERS ARE NOT PRESENT, THE FLAGGER SIGNS SHALL BE REMOVED OR COVERED.
6. NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
7. ARTICLE 701.20 OF THE STANDARD SPECIFICATIONS DISCUSSES AN ADJUSTED UNIT PRICE. NO ADJUSTMENTS SHALL BE MADE TO THE TRAFFIC CONTROL AND PROTECTION PAY ITEMS FOR THIS CONTRACT.
8. THE CONTRACTOR IS ADVISED THAT THE GUARDRAIL AND TERMINAL PAY ITEMS INCLUDED IN THE PLANS WILL BE USED TO REPLACE STEEL PLATE BEAM GUARDRAIL AND TRAFFIC BARRIER TERMINALS FOR EITHER CURRENT MIDWEST STYLES OR STEEL PLATE BEAM GUARDRAIL AND TRAFFIC BARRIER TERMINALS INSTALLED PRIOR TO JANUARY 1, 2007. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR UTILIZING THE CURRENT MIDWEST STANDARDS.
9. AREAS DISTURBED BY CONTRACT ACTIVITIES SHALL BE REGRADED AS NECESSARY. AREAS DISTURBED SHALL BE REGRADED TO INCLUDE A 4" LAYER OF TOPSOIL, AND SEEDED. TOPSOIL AND SEED SHALL BE INCLUDED IN THE "SEEDING, CLASS 2A (SPECIAL)" PAY ITEM.
10. ALL EXCAVATED MATERIAL, WHICH INCLUDES DIGGING OR GRADING OF ANY SOIL OR FILL MATERIAL, WITH THE EXCEPTION OF AGGREGATE FILLS, MUST BE INCORPORATED WITHIN THE RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.
11. ANY REFERENCE TO A STANDARD IN THESE PLANS SHALL BE INTERPRETED TO MEAN THE EDITION AS INDICATED BY THE REVISION NUMBER SHOWN ON THE LIST OF ILLINOIS DOT HIGHWAY STANDARDS OR THE COPY INCLUDED IN THESE PLANS.
12. REMOVED GUARDRAIL THAT IS NOT REPLACED ON THE SAME DAY MUST BE DELINEATED WITH LIGHTED BARRICADES. NO LOCATIONS SHALL BE LEFT WITHOUT EITHER LIGHTED BARRICADES OR RESTORED GUARDRAIL AT ANY TIME.
13. FURNISHED EXCAVATION, AS SHOWN, IS FOR CONSTRUCTION OF THE PROPOSED SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS AND FOR SHOULDER WIDENING ALONG STEEL PLATE BEAM GUARDRAIL AS NEEDED. SHOULDER WIDENING AT TYPE 1 (SPECIAL) TERMINALS SHALL BE AS SHOWN ON STANDARD 630301. SHOULDER WIDENING AT STEEL PLATE BEAM GUARDRAIL TYPE A, NINE FOOT POSTS WILL BE TO THE FACE OF THE POST AS SHOWN ON STANDARD 630001. QUANTITIES SHOWN ARE APPROXIMATE.
14. ALL REMOVED CURLED END SECTIONS SHALL BE SALVAGED AND REMAIN PROPERTY OF THE ROCK ISLAND COUNTY HIGHWAY DEPARTMENT. SALVAGED GUARDRAIL SHALL BE DELIVERED TO ROCK ISLAND COUNTY HIGHWAY DEPARTMENT AT NO ADDITIONAL COST. REMOVAL OF EXISTING CURLED END SECTIONS WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF VARIOUS PAY ITEMS.
15. ANY EXISTING SIGNAGE IN CONFLICT TO BE RELOCATED DURING CONSTRUCTION.

INDEX OF SHEETS

SHEET NUMBER	SHEET TITLE
001	COVER SHEET
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003	LOCATION MAPS - PRIORITY 7-12
004	SCHEDULE OF QUANTITIES
005	TYPICAL SECTIONS
006	WEAK POST GUARDRAIL DETAILS
007	WEAK POST GUARDRAIL DETAILS
008	RICO-JJ-0.06 A-D
009	RICO-JJ-1.93
010	RICO-N-0.10
011	RICO-N-0.80 & N-0.81
012	RICO-2-0.30
013	RICO-2-1.20 & 2-1.30
014	RICO-2-5.00 A & B
015	RICO-2-5.00 C & D
016	RICO-2-7.30 A-D
017	RICO-A-0.30 & A-0.31
018	RICO-A-0.60 & A-0.65 E & W
019	RICO-A-0.80
020	RICO-A-0.90
021	RICO-A-1.10
022	RICO-A-1.70
023	RICO-A-3.10 A-D
024	RICO-A-3.48 & A-3.49
025	RICO-A-3.80 & A-3.81
026	RICO-A-4.10
027	RICO-A-4.35
028	RICO-A-4.80 & A-4.81
029	RICO-A-4.90
030	RICO-A-5.00
031	RICO-A-5.10

COMMITMENTS

NONE AT THIS TIME

LIST OF ILLINOIS DOT HIGHWAY STANDARDS

000001-08	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
630001-12	STEEL PLATE BEAM GUARDRAIL
630006	NON-BLOCKED STEEL PLATE GUARDRAIL
630106-02	LONG-SPAN GUARDRAIL OVER CULVERT
630301-09	SHOULDER WIDENING FOR TYPE 1 (SPECIAL) GUARDRAIL TERMINALS
631011-10	TRAFFIC BARRIER TERMINAL, TYPE 2
631031-17	TRAFFIC BARRIER TERMINAL, TYPE 6
701001-02	OFF-ROAD OPERATIONS, 2L, 2W, MORE THAN 15' (4.5 m) AWAY
701006-05	OFF-ROAD OPERATIONS, 2L, 2W, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701101-05	OFF-RD OPERATIONS, MULTILANE, 15' (4.5 m) TO 24" (600 mm) FROM PAVEMENT EDGE
701201-05	LANE CLOSURE, DAY ONLY, FOR SPEEDS > 45 MPH
701501-06	URBAN LANE CLOSURE, 2L, 2W, UNDIVIDED
701901-08	TRAFFIC CONTROL DEVICES
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS, AND DELINEATORS
725001-01	OBJECT AND TERMINAL MARKERS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPES A & B METAL POSTS (FOR SIGNS & MARKERS)
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON RURAL LOCAL HIGHWAYS
BLR 26-3	STEEL PLATE BEAM GUARDRAIL, 29" HIGH
BLR 27-1	TRAFFIC BARRIER TERMINAL TYPE 5A
701421	LANE CLOSURE, MULTILANE, DAY OPERATIONS ONLY, FOR SPEEDS \geq 45 MPH TO 55 MPH

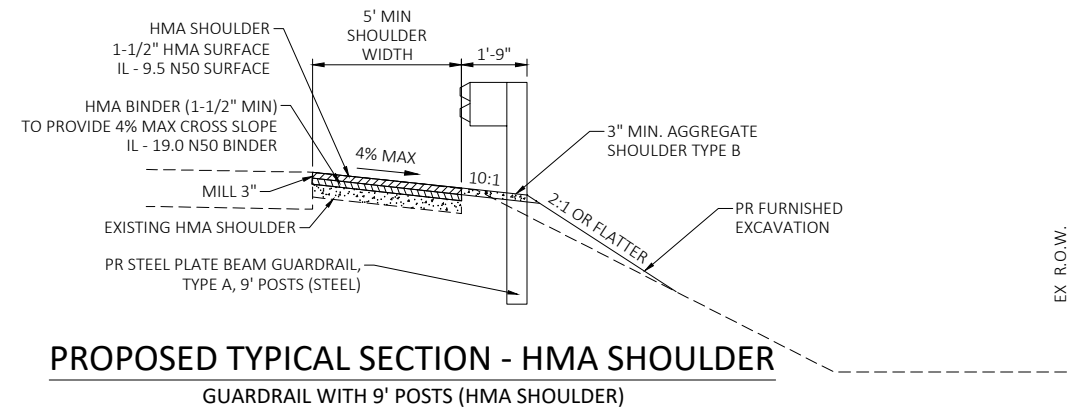
SUMMARY OF QUANTITIES

CONSTRUCTION TYPE CODE: 0021

ITEM NUMBER	PAY CODE	DESCRIPTION	UNIT	QUANTITY	
Δ	1	20400800	FURNISHED EXCAVATION	CU YD	1482
SP	2	63000050	WEAK POST GUARDRAIL ATTACHED TO CULVERT, CASE I	FOOT	100
Δ	3	44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	2387
Δ	4	48101200	AGGREGATE SHOULDERS, TYPE B	TON	2189
Δ	5	48203100	HOT MIX ASPHALT SHOULDERS	TON	412
6	63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	11069	
7	63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	375	
8	63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	FOOT	131	
9	63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	EACH	17	
10	63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	12	
11	63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	EACH	4	
12	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	57	
13	63200310	GUARDRAIL REMOVAL	FOOT	8634	
14	67100100	MOBILIZATION	LS	1	
15	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	57	
16	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	167	
SP	17	X2501020	SEEDING, CLASS 2A (SPECIAL)	ACRE	3.8
SP	18	X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	FOOT	313
SP	19	X7010216	TRAFFIC CONTROL & PROTECTION (SPECIAL)	LS	1
20	Z0013798	CONSTRUCTION LAYOUT	LS	1	

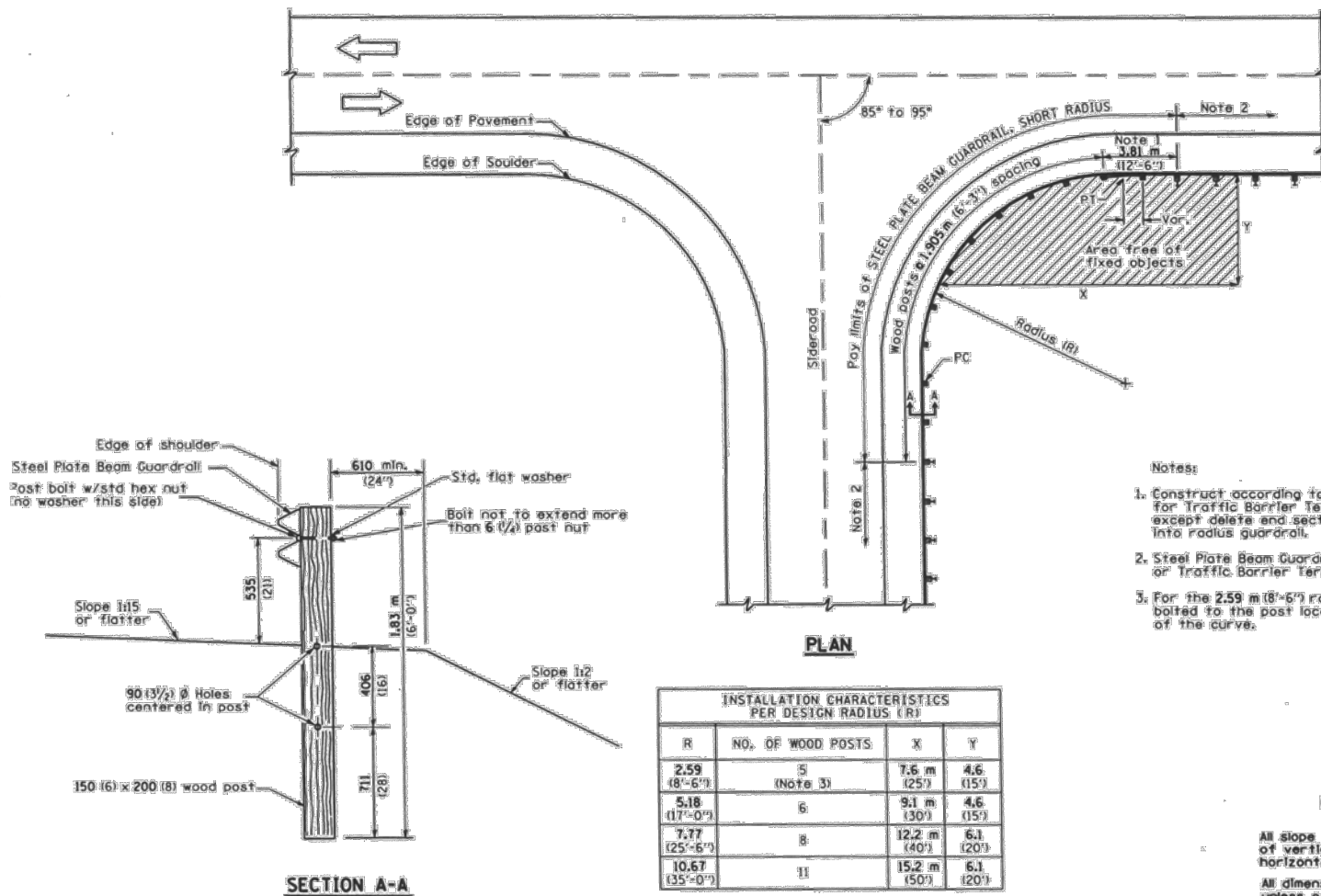
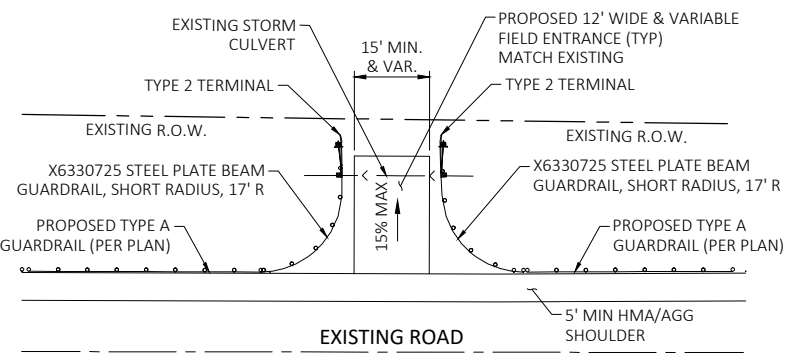
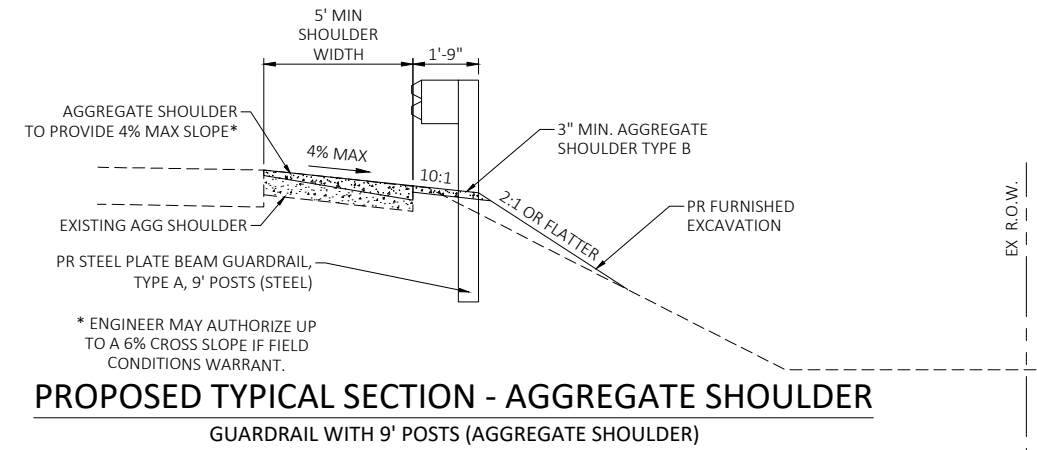
SP - SPECIAL PROVISION
Δ - SPECIALTY ITEMS

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DATE									
BY									
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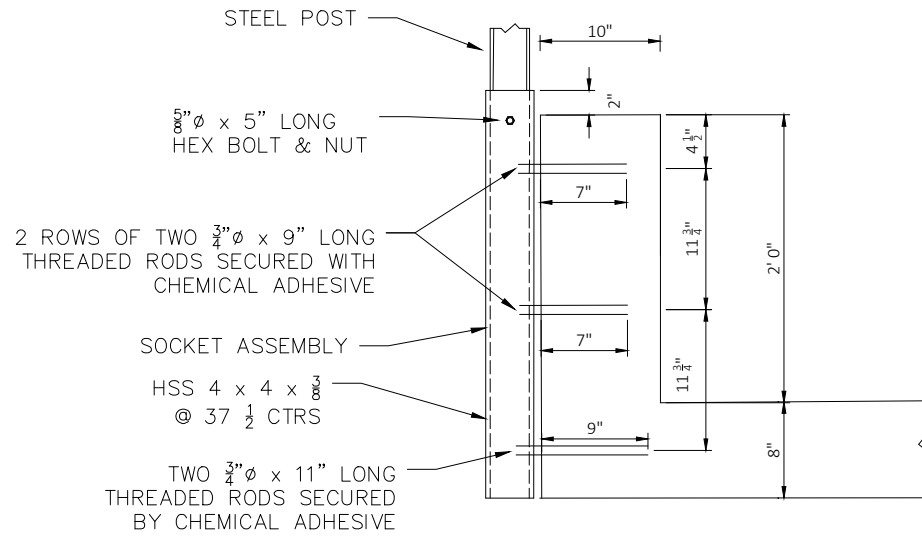
HMA MIXTURE REQUIREMENTS TABLE

Location(s):	Shoulder
Mixture Use(s):	Surface and Binder
PG:	PG 64-22
Design Air Voids:	4.0% @ N50
Mixture Composition: (Mixture Gradation)	IL 9.5
Friction Aggregate:	"C"
Mixture Weight:	112 lb/sy/in
Quality Management Program:	QC/QA
Sublot Size:	N/A
Number of Roller Passes	N/A

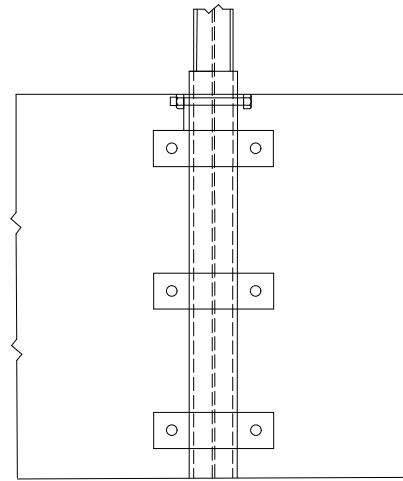


REVISION/ISSUED									
BY	DATE								
PROJECT NO.	7267	FIELD BOOK NO.		START DATE		DRAWN BY	MMW/TRF	CHECKED BY	BTR
FILE LOCATION									
DECATUR	(217) 422-8544	ROCKFORD	(815) 489-0050	CHASTAIN & ASSOCIATES LLC	CONSULTING ENGINEERS	184-001397			
<p>TYPICAL SECTIONS</p> <p>ROCK ISLAND GUARDRAIL IMPROVEMENTS</p> <p>ROCK ISLAND COUNTY, IL</p>									
<p>sheet no. 005</p> <p>project no. 7267</p>									

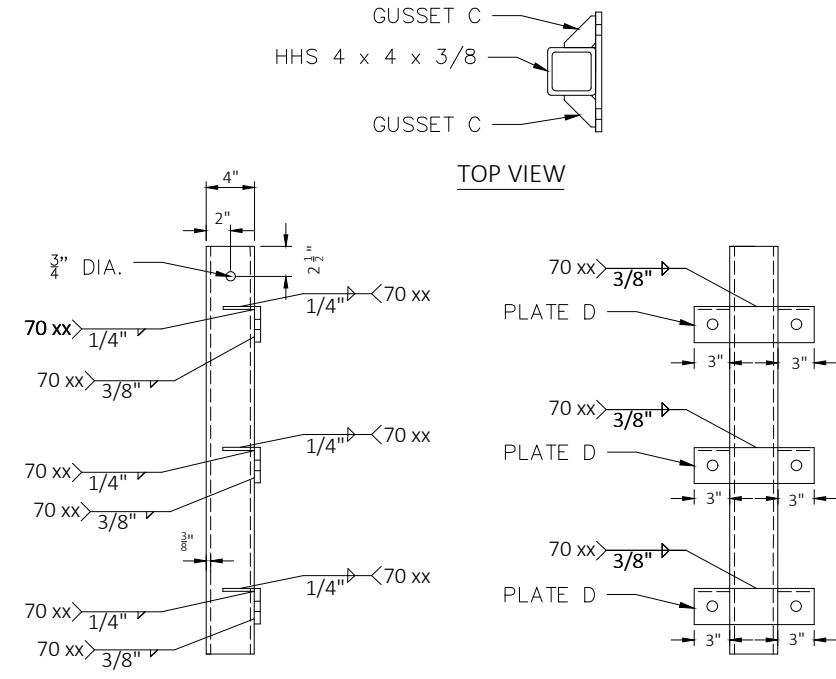
NOTE: This detail is similar to Standard 630111, with the exception that the existing headwall thickness is less than the minimum shown on Standard 630111



NORTH SECTION



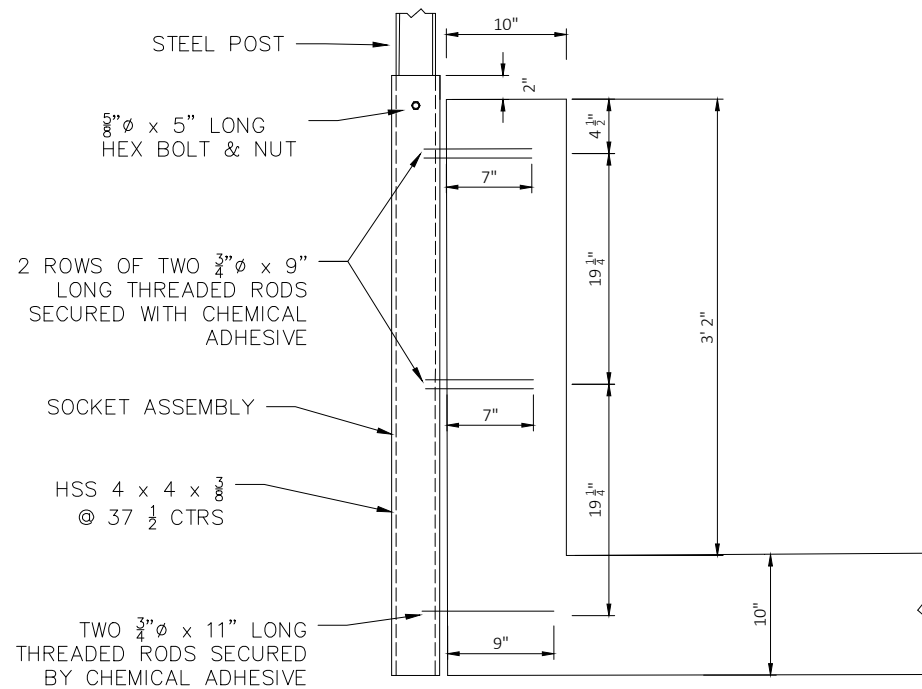
NORTH ELEVATION



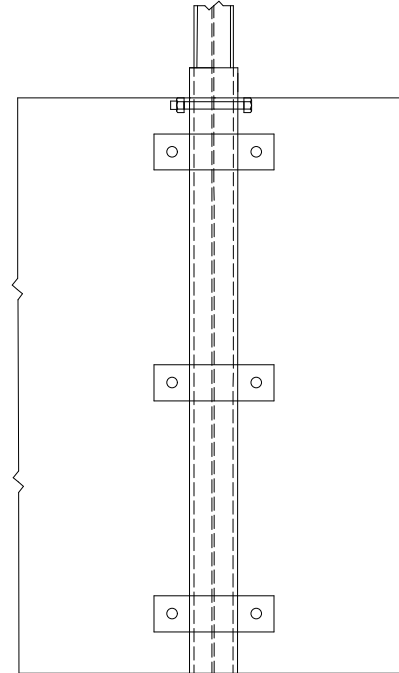
SIDE VIEW

NORTH SOCKET ASSEMBLY

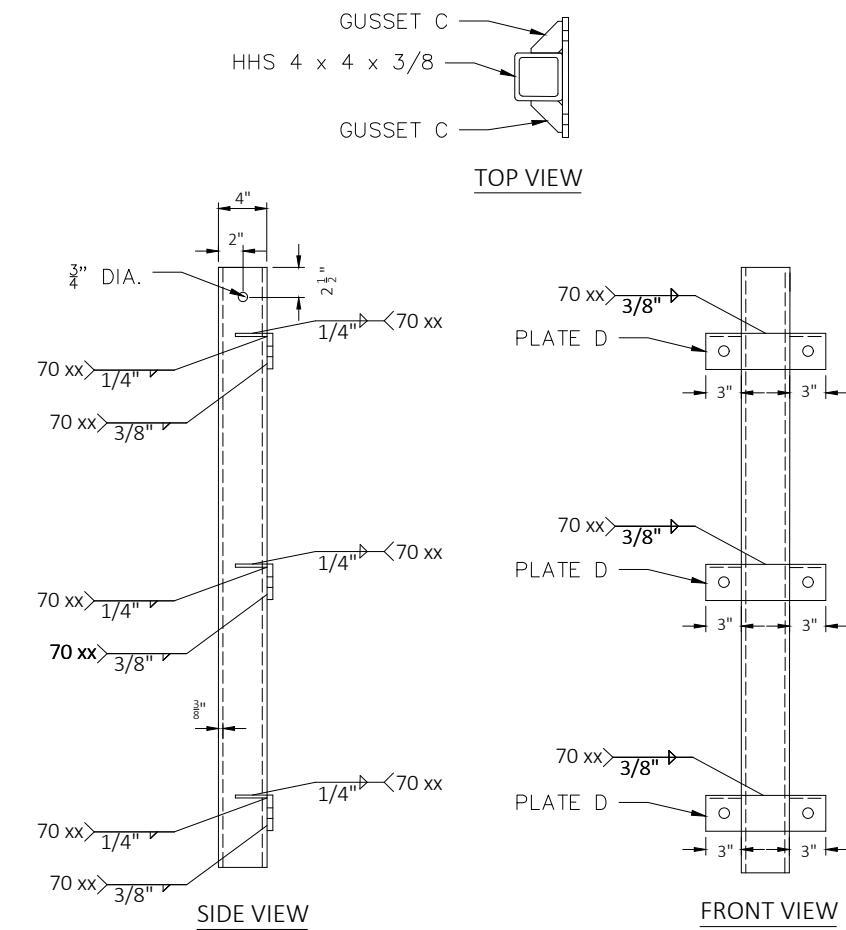
FRONT VIEW



SOUTH SECTION



SOUTH ELEVATION



SIDE VIEW

SOUTH SOCKET ASSEMBLY

FRONT VIEW

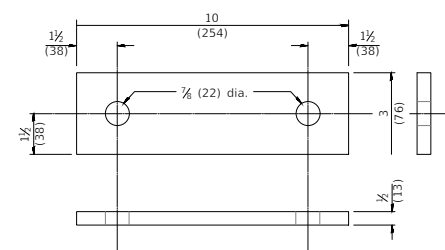
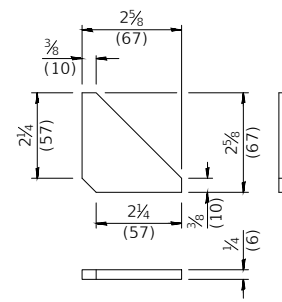
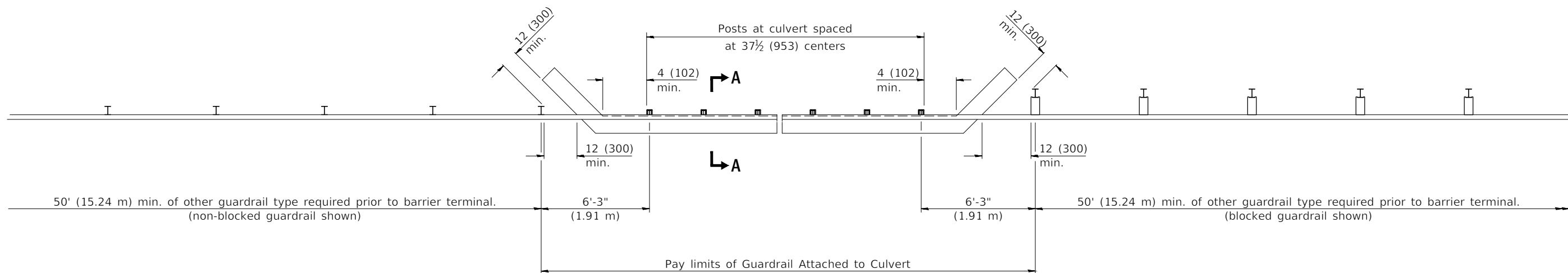


PLATE D

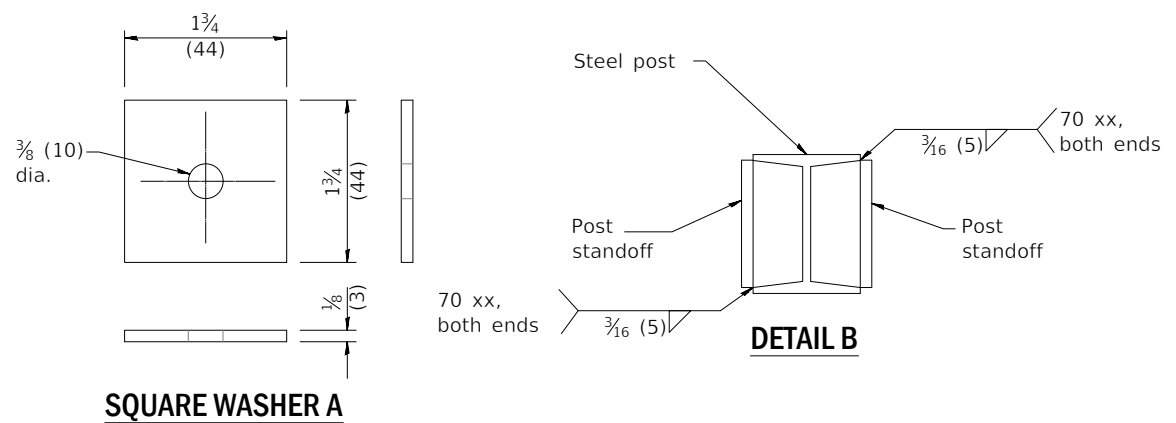


GUSSET C

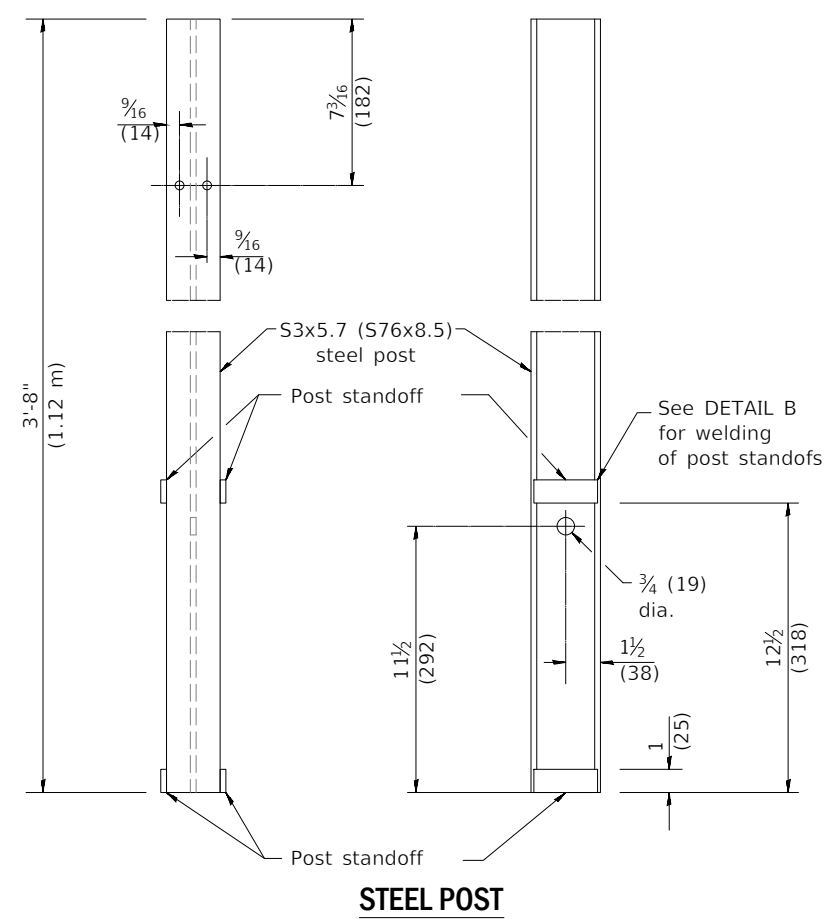
REVISION/ISSUED									
BY	DATE								
PROJECT NO.	7267	FIELD BOOK NO.		START DATE		DRAWN BY	TRF/JM	CHECKED BY	BTR
DECATUR	(217) 422-8544	SCHAUMBURG	(733) 744-0050	ROCKFORD	(815) 489-0050	CSA REF. NO.		PWC REF. NO.	
CHASTAIN & ASSOCIATES LLC		CONSULTING ENGINEERS		184-001397					
REGISTERED PROFESSIONAL ENGINEER		KEITH E. BRANDAU		N. 4515 CHAMPAIN					
STATE OF ILLINOIS									
WEAK POST GUARDRAIL DETAILS		ROCK ISLAND GUARDRAIL IMPROVEMENTS		ROCK ISLAND COUNTY, IL					
sheet no.	006	project no.	7267						



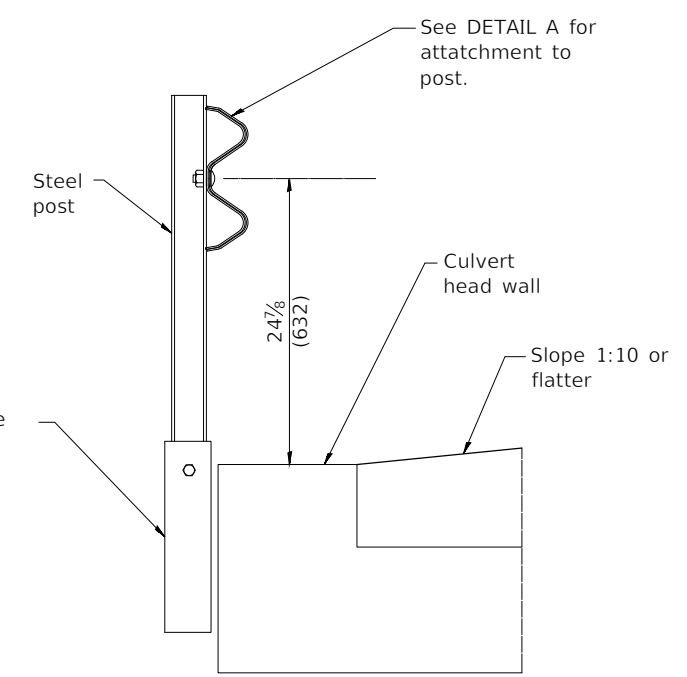
PLAN



DETAIL B



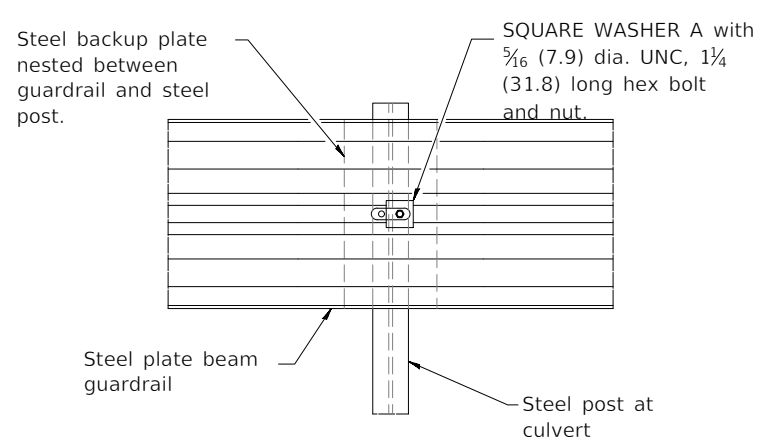
STEEL POST



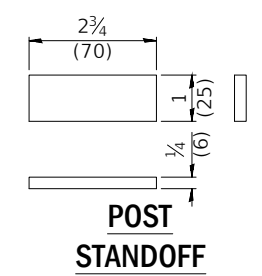
SECTION A-A

GENERAL NOTES

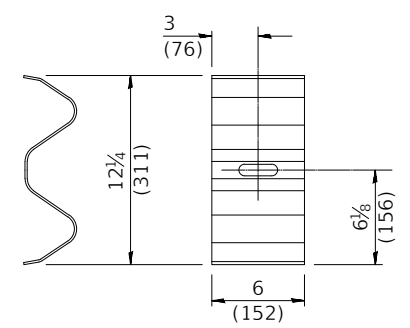
- See Standard 630001 for details of guardrail not shown.
- See Standard 630006 for details of non-blocked guardrail not shown.
- All threaded rods and bolts shall be installed with heavy hex nuts and standard washers unless noted otherwise.
- All dimensions are in inches (millimeters) unless otherwise shown.



DETAIL A



POST STANDOFF



BACKUP PLATE

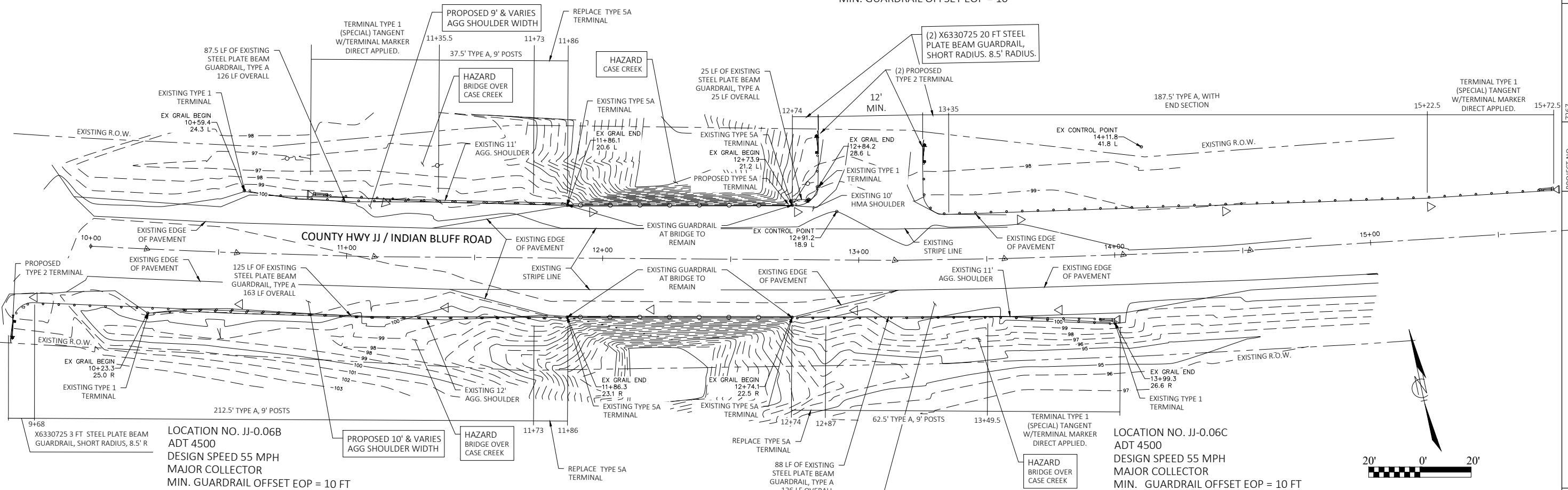
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BY	DATE								
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DECATUR	(217) 422-8544	SCHAUMBURG	(773) 714-0050	ROCKFORD	(815) 489-0050	CSA REF. NO.	184-001397	FILE LOCATION	
CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS									
WEAK POST GUARDRAIL DETAILS									
ROCK ISLAND GUARDRAIL IMPROVEMENTS									
ROCK ISLAND COUNTY, IL									
sheet no. 007									
project no. 7267									

LOCATION_ID	JJ-0.06A (081-3090)			
PAY ITEM #	PAY ITEM	UNITS	QTY	
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.03	
20400800	FURNISHED EXCAVATION	CU YD	26	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0	
48203100	HOT MIX ASPHALT SHOULDERS	TON	0	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	24.60	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	37.5	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	1	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	1	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0	
63200310	GUARDRAIL REMOVAL	LF	126	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	1	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	2	

LOCATION NO. JJ-0.06A
ADT 4500
DESIGN SPEED 55 MPH
MAJOR COLLECTOR
MIN. GUARDRAIL OFFSET
EOP = 10 FT

LOCATION_ID	JJ-0.06D (081-3090)			
PAY ITEM #	PAY ITEM	UNITS	QTY	
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.09	
20400800	FURNISHED EXCAVATION	CU YD	26	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0	
48203100	HOT MIX ASPHALT SHOULDERS	TON	0	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	88.80	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	212.5	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	1	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	1	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	2	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0	
63200310	GUARDRAIL REMOVAL	LF	25	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	40	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	1	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	4	

LOCATION NO. JJ-0.06D
ADT 4500
DESIGN SPEED 55 MPH
MAJOR COLLECTOR
MIN. GUARDRAIL OFFSET
EOP = 10'



LOCATION NO. JJ-0.06B
ADT 4500
DESIGN SPEED 55 MPH
MAJOR COLLECTOR
MIN. GUARDRAIL OFFSET
EOP = 10 FT

LOCATION NO. JJ-0.06C
ADT 4500
DESIGN SPEED 55 MPH
MAJOR COLLECTOR
MIN. GUARDRAIL OFFSET
EOP = 10 FT

LOCATION_ID	JJ-0.06B (081-3090)			
PAY ITEM #	PAY ITEM	UNITS	QTY	
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.07	
20400800	FURNISHED EXCAVATION	CU YD	0	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0	
48203100	HOT MIX ASPHALT SHOULDERS	TON	0	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	63.60	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	212.5	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	0	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	1	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	1	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0	
63200310	GUARDRAIL REMOVAL	LF	163	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	12	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	0	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	2	

LOCATION_ID	JJ-0.06C (081-3090)			
PAY ITEM #	PAY ITEM	UNITS	QTY	
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.03	
20400800	FURNISHED EXCAVATION	CU YD	26	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0	
48203100	HOT MIX ASPHALT SHOULDERS	TON	0	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	30.70	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	62.5	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	1	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	1	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0	
63200310	GUARDRAIL REMOVAL	LF	126	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	1	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	2	

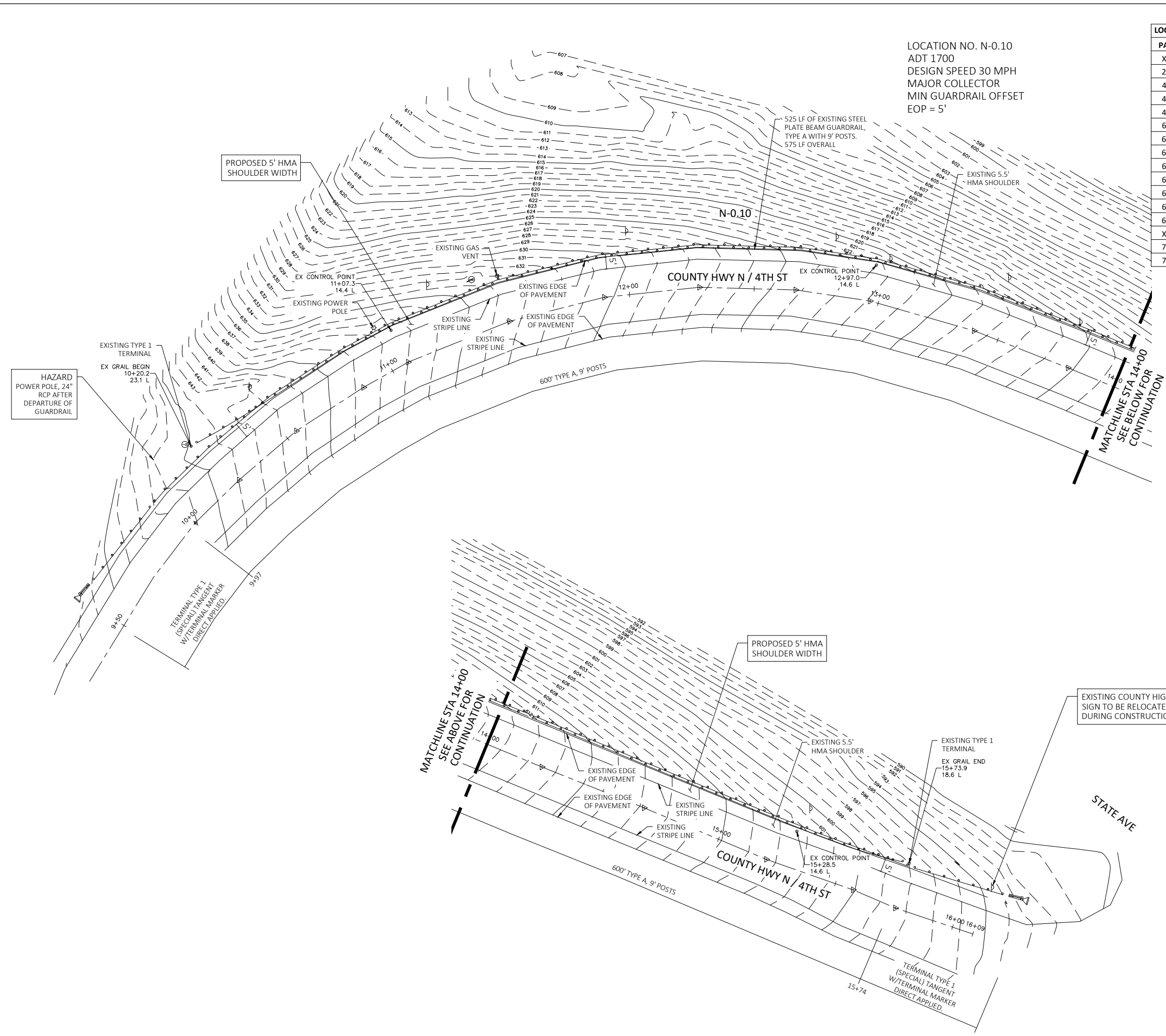
LEGEND

- EXISTING GUARDRAIL
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATER LINE
- EXISTING FIRE HYDRANT
- EXISTING CURB & GUTTER
- EXISTING SIDEWALK
- EXISTING CONTOUR
- EXISTING MANHOLE
- EXISTING LIGHT POLE
- PIN FOUND
- GUARDRAIL REFLECTOR, TYPE A

REVISION/ISSUED	
REV. DATE	
PROJECT NO.	7267
FIELD BOOK NO.	
START DATE	
DRAWN BY	MMW/TRF
CHECKED BY	BTR
CSA REF. NO.	
PWC REF. NO.	
FILE LOCATION	
DECATUR	(217) 422-8544
SCHAUMBURG	(773) 744-0050
ROCKFORD	(815) 489-0050
CONSULTING ENGINEERS	184-001397
CHASTAIN & ASSOCIATES LLC	
RICO-JJ-0.06 A-D	
ROCK ISLAND GUARDRAIL IMPROVEMENTS	
ROCK ISLAND COUNTY, IL	
sheet no.	008
project no.	7267

LOCATION NO. N-0.10
 ADT 1700
 DESIGN SPEED 30 MPH
 MAJOR COLLECTOR
 MIN GUARDRAIL OFFSET
 EOP = 5'

LOCATION_ID	N-0.10	UNITS	QTY
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.17
20400800	FURNISHED EXCAVATION	CU YD	52
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	427.8
48203100	HOT MIX ASPHALT SHOULDERS	TON	73.8
48101200	AGGREGATE SHOULDERS, TYPE B	TON	28.70
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	600
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	2
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0
63200310	GUARDRAIL REMOVAL	LF	575
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	6



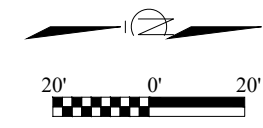
REVISION/ISSUED	BY	DATE
PROJECT NO.	7267	
FIELD BOOK NO.		
START DATE		
DRAWN BY	TTR/JM	
CHECKED BY	BTR	
CSA REF. NO.		
PWC REF. NO.		
FILE LOCATION		

(217) 422-8544
 (773) 744-0050
 (815) 489-0050
 184-001397

CHASTAIN & ASSOCIATES LLC
 CONSULTING ENGINEERS
 DECATUR
 SCHAUMBURG
 ROCKFORD

RICO-N-0.10
 ROCK ISLAND GUARDRAIL IMPROVEMENTS
 ROCK ISLAND COUNTY, IL

sheet no.
010
 project no.
7267



LEGEND

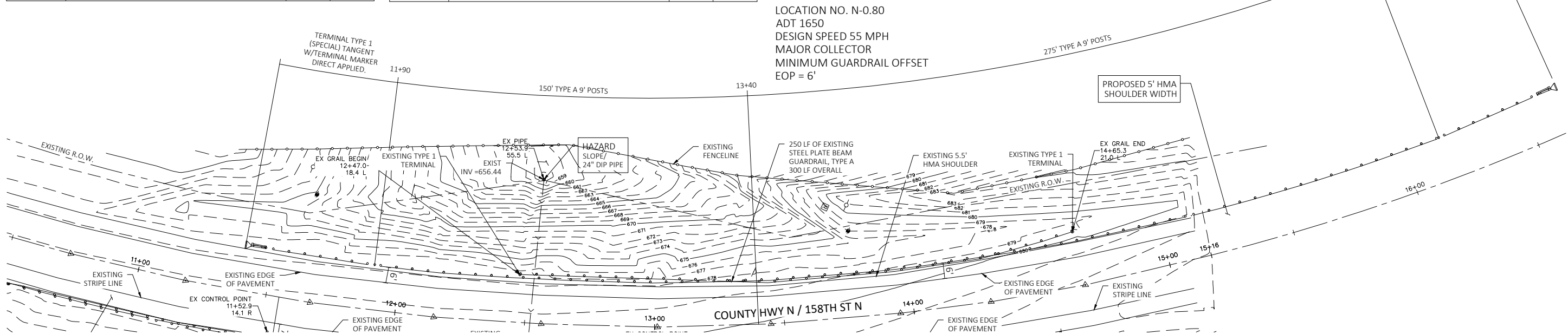
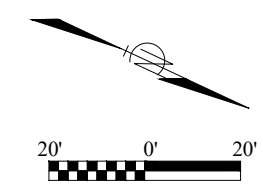
	EXISTING GUARDRAIL
	EXISTING STORM SEWER
	EXISTING SANITARY SEWER
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING CURB & GUTTER
	EXISTING SIDEWALK
	EXISTING CONTOUR
	EXISTING MANHOLE
	EXISTING LIGHT POLE
	PIN FOUND
	GUARDRAIL REFLECTOR, TYPE A

LOCATION_ID	N-0.80		UNITS	QTY
PAY ITEM #	PAY ITEM			
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.13	
20400800	FURNISHED EXCAVATION	CU YD	52	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	320.8	
48203100	HOT MIX ASPHALT SHOULDERS	TON	55.3	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	21.70	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	425	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	2	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0	
63200310	GUARDRAIL REMOVAL	LF	300	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	5	

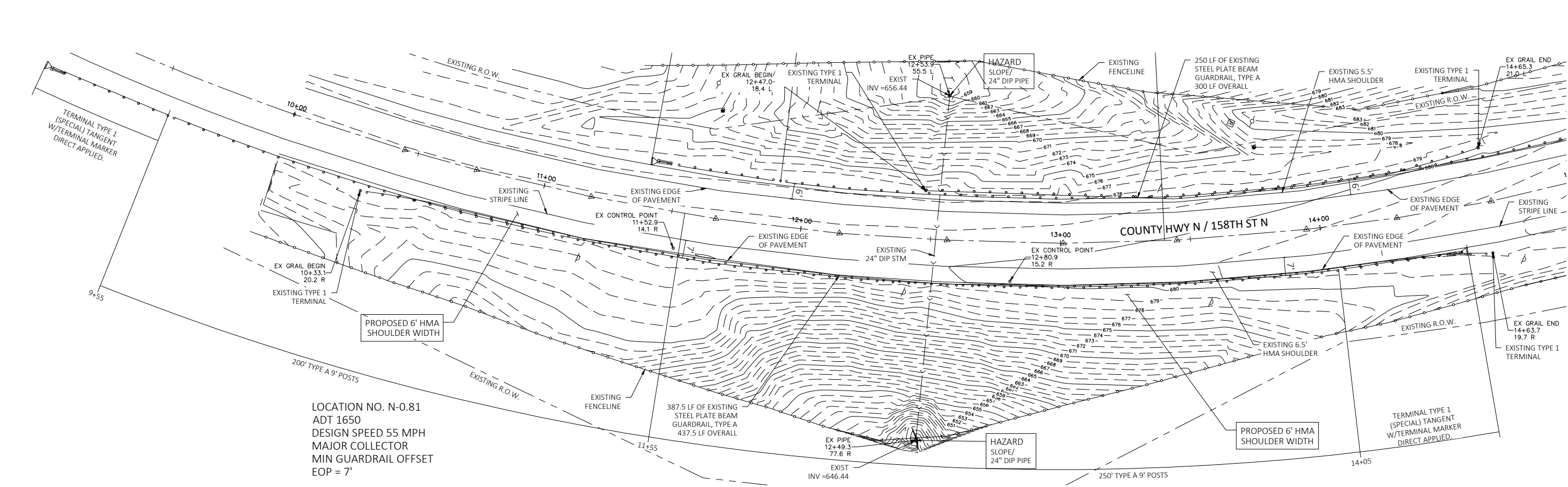
LOCATION_ID	N-0.81		UNITS	QTY
PAY ITEM #	PAY ITEM			
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.13	
20400800	FURNISHED EXCAVATION	CU YD	52	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	403.3	
48203100	HOT MIX ASPHALT SHOULDERS	TON	69.6	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	22.70	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	450	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	2	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0	
63200310	GUARDRAIL REMOVAL	LF	438	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	6	

LEGEND

- EXISTING GUARDRAIL
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATER LINE
- EXISTING FIRE HYDRANT
- EXISTING CURB & GUTTER
- EXISTING SIDEWALK
- EXISTING CONTOUR
- EXISTING MANHOLE
- EXISTING LIGHT POLE
- PIN FOUND
- GUARDRAIL REFLECTOR, TYPE A



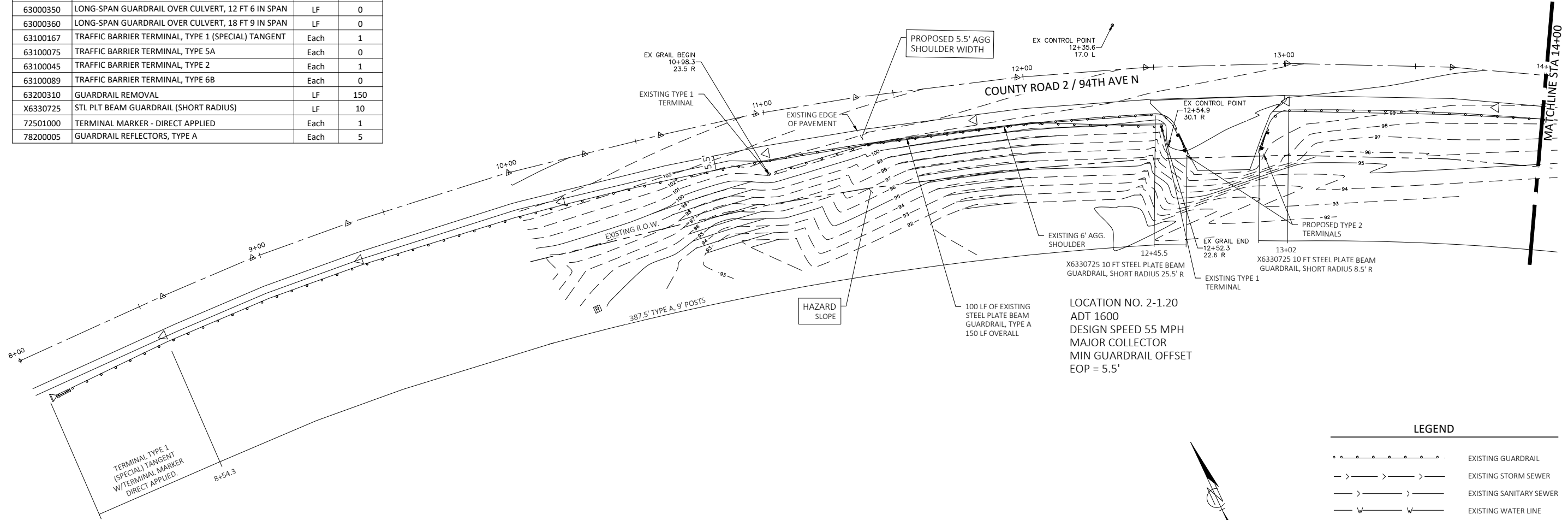
LOCATION NO. N-0.80
 ADT 1650
 DESIGN SPEED 55 MPH
 MAJOR COLLECTOR
 MINIMUM GUARDRAIL OFFSET
 EOP = 6'



LOCATION NO. N-0.81
 ADT 1650
 DESIGN SPEED 55 MPH
 MAJOR COLLECTOR
 MIN GUARDRAIL OFFSET
 EOP = 7'

REVISION/ISSUED					
BY	DATE				
PROJECT NO.	7267	FIELD BOOK NO.		START DATE	
DRAWN BY	TRF/JM	CHECKED BY	BTR	FILE LOCATION	
DECATUR	(217) 422-8544	ROCKFORD	(815) 489-0050		
SCHAUMBURG	(773) 744-0050	ROCKFORD	(815) 489-0050		
CONSULTING ENGINEERS	184-001397				
CHASTAIN & ASSOCIATES LLC					
ROCK ISLAND COUNTY, IL					
RICO-N-0.80 & N-0.81					
ROCK ISLAND GUARDRAIL IMPROVEMENTS					
sheet no. 011					
project no. 7267					

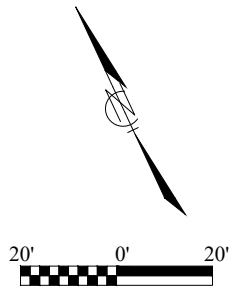
LOCATION_ID	2-1.20		UNITS	QTY
PAY ITEM #	PAY ITEM			
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.11	
20400800	FURNISHED EXCAVATION	CU YD	26	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0	
48203100	HOT MIX ASPHALT SHOULDERS	TON	0	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	19.30	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	387.5	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	1	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	1	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0	
63200310	GUARDRAIL REMOVAL	LF	150	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	10	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	1	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	5	



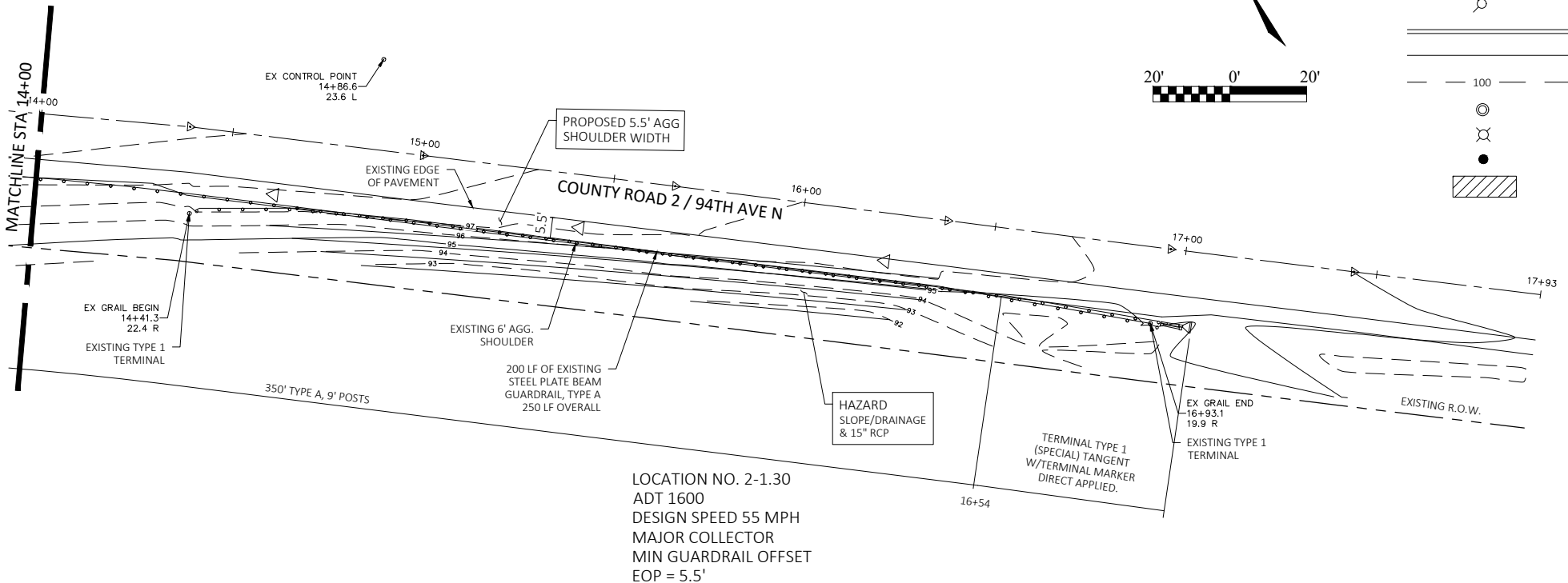
LOCATION NO. 2-1.20
 ADT 1600
 DESIGN SPEED 55 MPH
 MAJOR COLLECTOR
 MIN GUARDRAIL OFFSET
 EOP = 5.5'

LEGEND

- EXISTING GUARDRAIL
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATER LINE
- EXISTING FIRE HYDRANT
- EXISTING CURB & GUTTER
- EXISTING SIDEWALK
- EXISTING CONTOUR
- EXISTING MANHOLE
- EXISTING LIGHT POLE
- PIN FOUND
- PAVEMENT REMOVAL



LOCATION_ID	2-1.30		UNITS	QTY
PAY ITEM #	PAY ITEM			
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.1	
20400800	FURNISHED EXCAVATION	CU YD	26	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0	
48203100	HOT MIX ASPHALT SHOULDERS	TON	0	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	17.80	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	350	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	1	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	1	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0	
63200310	GUARDRAIL REMOVAL	LF	250	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	10	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	1	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	5	

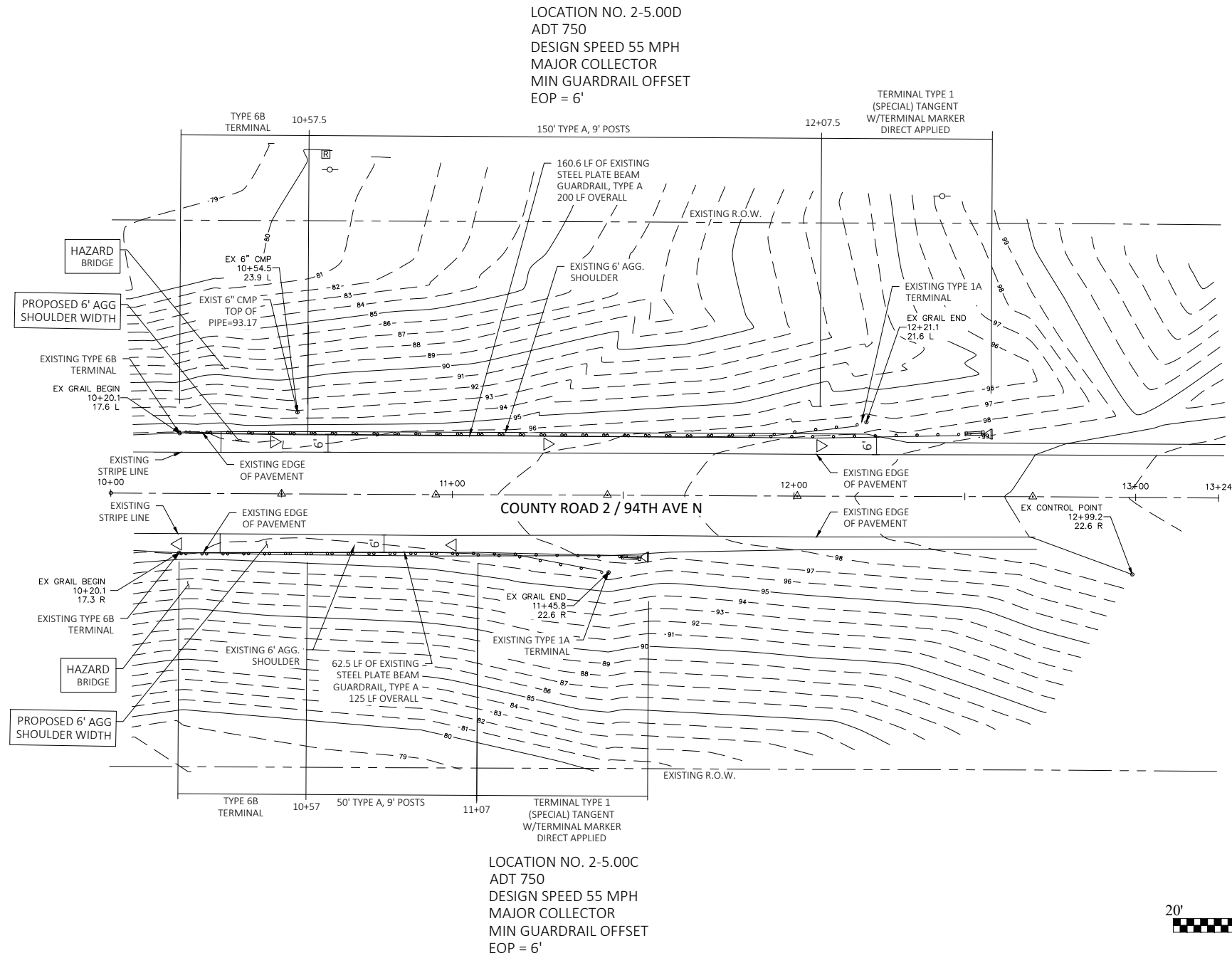


LOCATION NO. 2-1.30
 ADT 1600
 DESIGN SPEED 55 MPH
 MAJOR COLLECTOR
 MIN GUARDRAIL OFFSET
 EOP = 5.5'

REVISION/ISSUED					
BY	DATE	BY	DATE	BY	DATE
7267	XXX	XXX	XXX	XXX	XXX
PROJECT NO.	FIELD BOOK NO.	START DATE	DRAWN BY	CHECKED BY	CBA REF. NO.
7267	XXX	XXXX XX, 20XX	XXX/XXX	BTR	XXXX XXXX
FILE LOCATION	P&C REF. NO.	FILE LOCATION	P&C REF. NO.	FILE LOCATION	P&C REF. NO.
(217) 422-8544	(773) 714-0050	(815) 489-0050	184-001397	184-001397	184-001397
CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS DECATUR, IL SCHAUMBURG, IL ROCKFORD, IL					
RICO-2-1.20 & 2-1.30 ROCK ISLAND GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL					
sheet no. 013 project no. 7267					

LOCATION_ID	2-5.00D			
PAY ITEM #	PAY ITEM	UNITS	QTY	
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.06	
20400800	FURNISHED EXCAVATION	CU YD	26	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0	
48203100	HOT MIX ASPHALT SHOULDERS	TON	0	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	38.60	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	150	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	1	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	1	
63200310	GUARDRAIL REMOVAL	LF	200	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	1	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	3	

LOCATION_ID	2-5.00C			
PAY ITEM #	PAY ITEM	UNITS	QTY	
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.04	
20400800	FURNISHED EXCAVATION	CU YD	26	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0	
48203100	HOT MIX ASPHALT SHOULDERS	TON	0	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	22.40	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	50	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	1	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	1	
63200310	GUARDRAIL REMOVAL	LF	125	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	1	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	2	

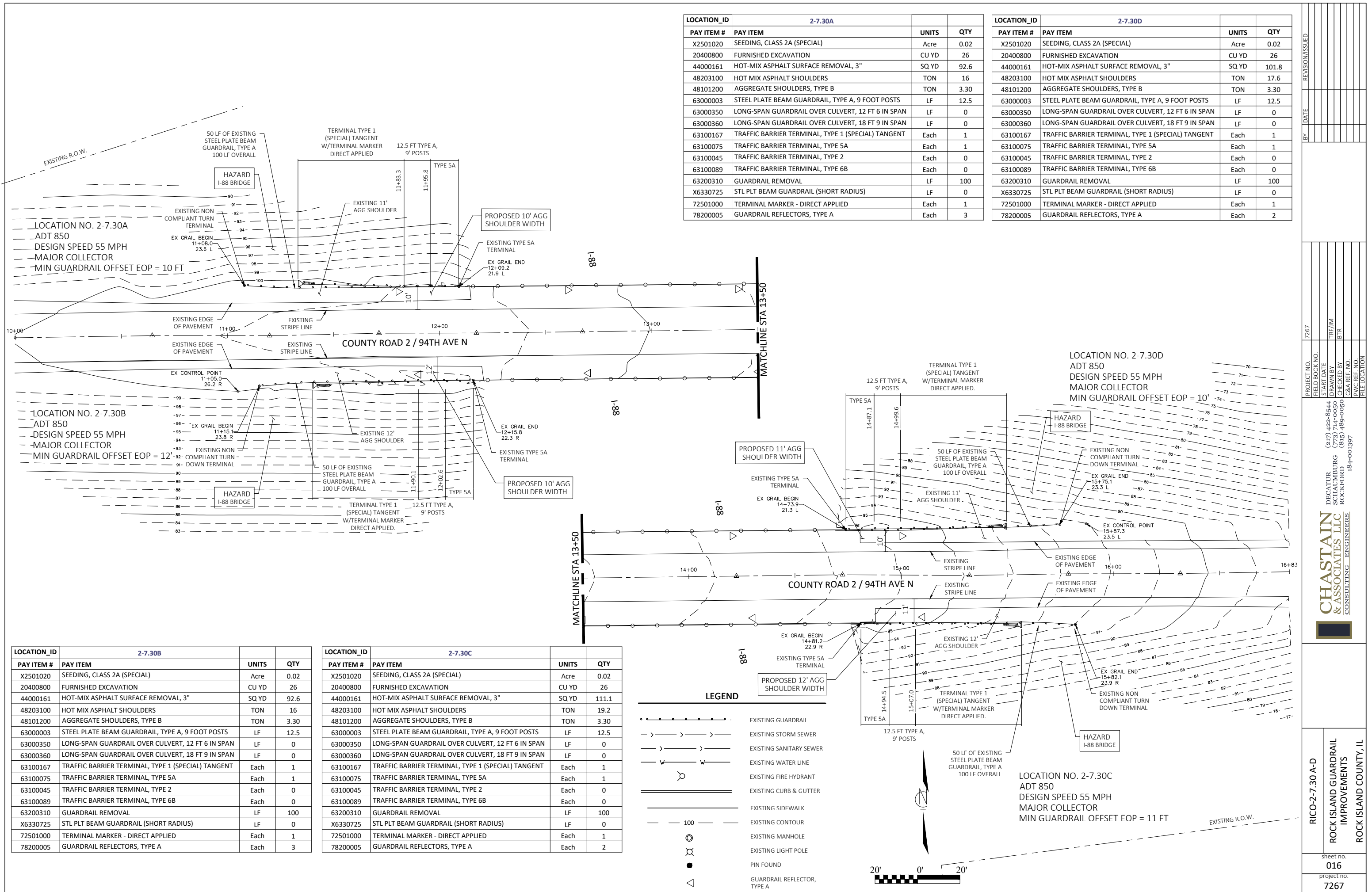


LOCATION NO. 2-5.00C
 ADT 750
 DESIGN SPEED 55 MPH
 MAJOR COLLECTOR
 MIN GUARDRAIL OFFSET
 EOP = 6'

LEGEND

	EXISTING GUARDRAIL
	EXISTING STORM SEWER
	EXISTING SANITARY SEWER
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING CURB & GUTTER
	EXISTING SIDEWALK
	EXISTING CONTOUR
	EXISTING MANHOLE
	EXISTING LIGHT POLE
	PIN FOUND
	GUARDRAIL REFLECTOR, TYPE A

REVISION/ISSUED					
BY	DATE	BY	DATE	BY	DATE
7267		7267		7267	
PROJECT NO.	FIELD BOOK NO.	START DATE	DRAWN BY	TRF/JM	BTR
DECATUR	(217) 422-8544	SCHAUMBURG	(773) 744-0050	ROCKFORD	(815) 486-0050
CHASTAIN & ASSOCIATES LLC	CONSULTING ENGINEERS	184-001397			
RICO-2-5.00 C & D	ROCK ISLAND GUARDRAIL IMPROVEMENTS	ROCK ISLAND COUNTY, IL			
sheet no.	015	project no.	7267		



LOCATION_ID	2-7.30A		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.02
20400800	FURNISHED EXCAVATION	CU YD	26
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	92.6
48203100	HOT MIX ASPHALT SHOULDERS	TON	16
48101200	AGGREGATE SHOULDERS, TYPE B	TON	3.30
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	12.5
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	1
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	1
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0
63200310	GUARDRAIL REMOVAL	LF	100
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	1
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	3

LOCATION_ID	2-7.30D		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.02
20400800	FURNISHED EXCAVATION	CU YD	26
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	101.8
48203100	HOT MIX ASPHALT SHOULDERS	TON	17.6
48101200	AGGREGATE SHOULDERS, TYPE B	TON	3.30
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	12.5
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	1
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	1
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0
63200310	GUARDRAIL REMOVAL	LF	100
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	1
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	2

LOCATION_ID	2-7.30B		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.02
20400800	FURNISHED EXCAVATION	CU YD	26
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	92.6
48203100	HOT MIX ASPHALT SHOULDERS	TON	16
48101200	AGGREGATE SHOULDERS, TYPE B	TON	3.30
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	12.5
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	1
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	1
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0
63200310	GUARDRAIL REMOVAL	LF	100
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	1
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	3

LOCATION_ID	2-7.30C		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.02
20400800	FURNISHED EXCAVATION	CU YD	26
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	111.1
48203100	HOT MIX ASPHALT SHOULDERS	TON	19.2
48101200	AGGREGATE SHOULDERS, TYPE B	TON	3.30
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	12.5
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	1
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	1
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0
63200310	GUARDRAIL REMOVAL	LF	100
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	1
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	2

LEGEND

- EXISTING GUARDRAIL
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATER LINE
- EXISTING FIRE HYDRANT
- EXISTING CURB & GUTTER
- EXISTING SIDEWALK
- EXISTING CONTOUR
- EXISTING MANHOLE
- EXISTING LIGHT POLE
- PIN FOUND
- GUARDRAIL REFLECTOR, TYPE A

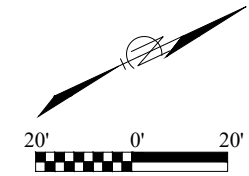
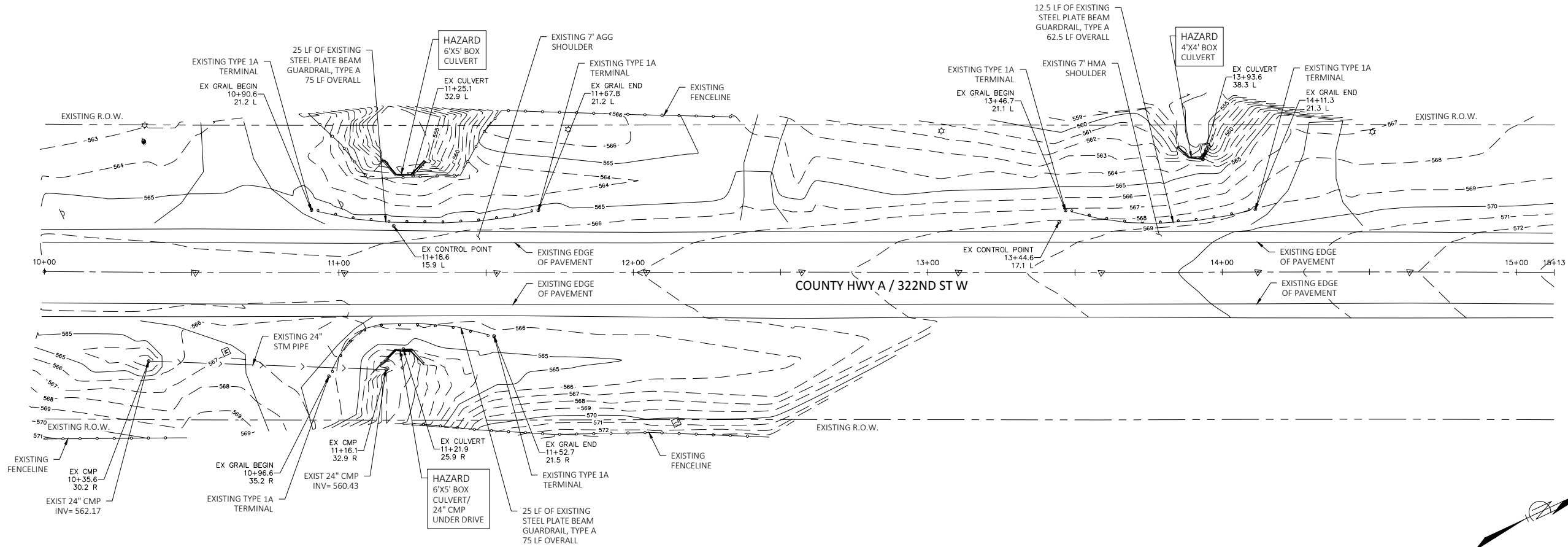
REVISION/ISSUED	
BY	DATE
PROJECT NO.	7267
FIELD BOOK NO.	
START DATE	
DRAWN BY	TRF/JM
CHECKED BY	BTR
CSEA REF. NO.	
PWC REF. NO.	184-001397
FILE LOCATION	
(217) 422-8544 DECATUR (773) 714-0050 & ASSOCIATES LLC ROCKFORD (815) 489-0050 CONSULTING ENGINEERS	
RICO-2-7.30 A-D ROCK ISLAND GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL	
sheet no.	016
project no.	7267

LOCATION_ID	A-0.65W		UNITS	QTY
PAY ITEM #	PAY ITEM			
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.02	
20400800	FURNISHED EXCAVATION	CU YD	0	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0	
48203100	HOT MIX ASPHALT SHOULDERS	TON	0	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	0	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	0	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	0	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0	
63200310	GUARDRAIL REMOVAL	LF	75	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	0	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	0	

LOCATION NO. A-0.65W
ADT 1800
DESIGN SPEED 55 MPH
MAJOR COLLECTOR
MIN GUARDRAIL OFFSET
EOP = 6'

LOCATION_ID	A-0.60		UNITS	QTY
PAY ITEM #	PAY ITEM			
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.02	
20400800	FURNISHED EXCAVATION	CU YD	0	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0	
48203100	HOT MIX ASPHALT SHOULDERS	TON	0	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	0	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	0	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	0	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0	
63200310	GUARDRAIL REMOVAL	LF	63	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	0	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	0	

LOCATION NO. A-0.60
ADT 1800
DESIGN SPEED 55 MPH
MAJOR COLLECTOR
MIN GUARDRAIL OFFSET
EOP = 7'



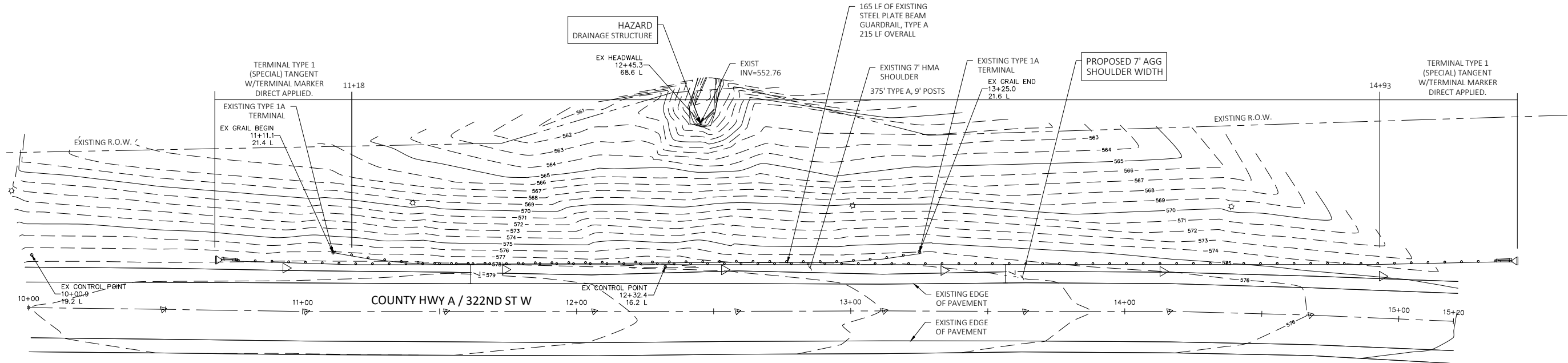
LOCATION_ID	A-0.65E		UNITS	QTY
PAY ITEM #	PAY ITEM			
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.02	
20400800	FURNISHED EXCAVATION	CU YD	0	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0	
48203100	HOT MIX ASPHALT SHOULDERS	TON	0	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	0	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	0	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	0	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0	
63200310	GUARDRAIL REMOVAL	LF	75	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	0	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	0	

LOCATION NO. A-0.65E
ADT 1800
DESIGN SPEED 55 MPH
MAJOR COLLECTOR
MIN GUARDRAIL OFFSET
EOP = 7'

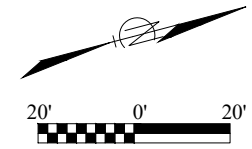
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	EXISTING GUARDRAIL
	EXISTING STORM SEWER
	EXISTING SANITARY SEWER
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING CURB & GUTTER
	EXISTING SIDEWALK
	EXISTING CONTOUR
	EXISTING MANHOLE
	EXISTING LIGHT POLE
	PIN FOUND
	GUARDRAIL REFLECTOR, TYPE A

REVISION/ISSUED	
REV. DATE	
PROJECT NO.	7267
FIELD BOOK NO.	
START DATE	
DRAWN BY	TRF/JM
CHECKED BY	BTR
CSA REF. NO.	
PWC REF. NO.	
FILE LOCATION	
DECATUR	(217) 422-8544
SCHAUMBURG	(773) 744-0050
ROCKFORD	(815) 489-0030
	184-001397
CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS	
RICO-A-0.60 & A-0.65 E & W	
ROCK ISLAND GUARDRAIL IMPROVEMENTS	
ROCK ISLAND COUNTY, IL	
sheet no.	018
project no.	7267

LOCATION NO. A-0.80
 ADT 1800
 DESIGN SPEED 55 MPH
 MAJOR COLLECTOR
 MIN GUARDRAIL OFFSET EOP = 7'



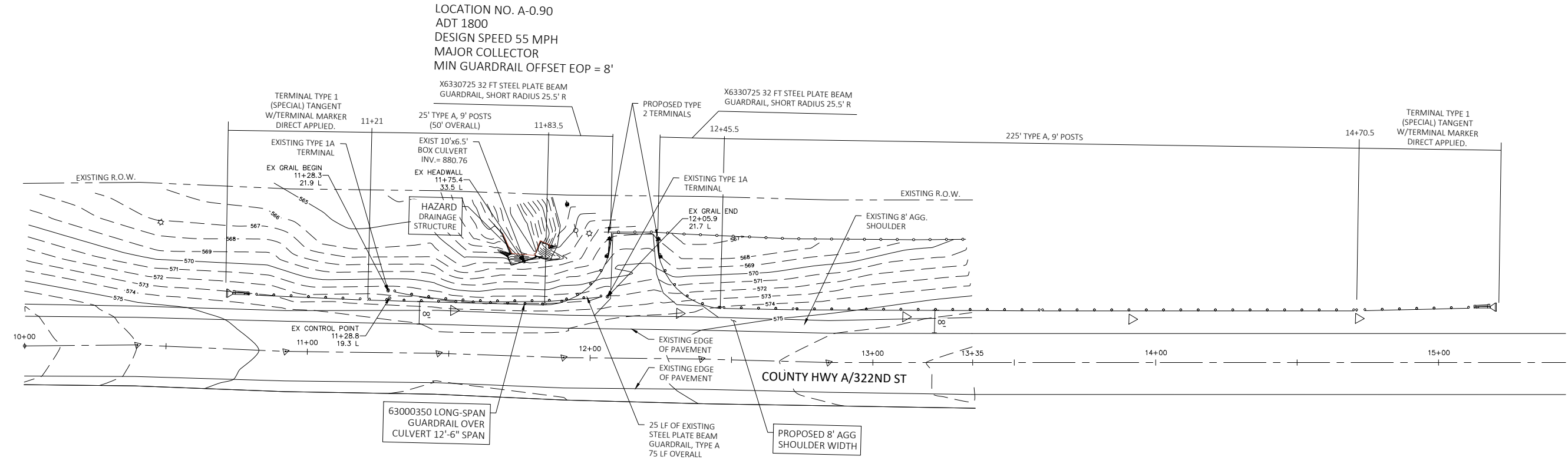
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PAY ITEM #	PAY ITEM	UNITS	QTY
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.11
20400800	FURNISHED EXCAVATION	CU YD	52
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0
48203100	HOT MIX ASPHALT SHOULDERS	TON	0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	86.70
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	375
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	2
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0
63200310	GUARDRAIL REMOVAL	LF	215
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	6



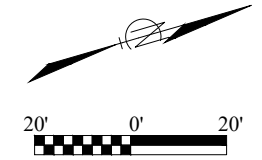
LEGEND

	EXISTING GUARDRAIL
	EXISTING STORM SEWER
	EXISTING SANITARY SEWER
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING CURB & GUTTER
	EXISTING SIDEWALK
	EXISTING CONTOUR
	EXISTING MANHOLE
	EXISTING LIGHT POLE
	PIN FOUND
	GUARDRAIL REFLECTOR, TYPE A

PROJECT NO.	7267
FIELD BOOK NO.	
START DATE	
DRAWN BY	TRF/JM
CHECKED BY	BTR
C&A REF. NO.	
P&C REF. NO.	
FILE LOCATION	
DECATUR (217) 422-8544 SCHAUMBURG (773) 744-0050 ROCKFORD (815) 486-0050 184-001397 CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS	
RICO-A-0.80 ROCK ISLAND GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL	
sheet no.	019
project no.	7267



LOCATION_ID	A-0.90			
PAY ITEM #	PAY ITEM	UNITS	QTY	
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.12	
20400800	FURNISHED EXCAVATION	CU YD	52	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0	
48203100	HOT MIX ASPHALT SHOULDERS	TON	0	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	101.60	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	250	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	37.5	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	2	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	2	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0	
63200310	GUARDRAIL REMOVAL	LF	75	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	64	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	5	



LEGEND

	EXISTING GUARDRAIL
	EXISTING STORM SEWER
	EXISTING SANITARY SEWER
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING CURB & GUTTER
	EXISTING SIDEWALK
	EXISTING CONTOUR
	EXISTING MANHOLE
	EXISTING LIGHT POLE
	PIN FOUND
	GUARDRAIL REFLECTOR, TYPE A

PROJECT NO.	7267
FIELD BOOK NO.	
START DATE	
DRAWN BY	TRF/JM
CHECKED BY	BTR
CDA REF. NO.	
PWC REF. NO.	
FILE LOCATION	

DECATUR (217) 422-8544
 SCHAUMBURG (731) 744-0050
 ROCKFORD (815) 489-0050
 184-001397

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

RICO-A-0.90

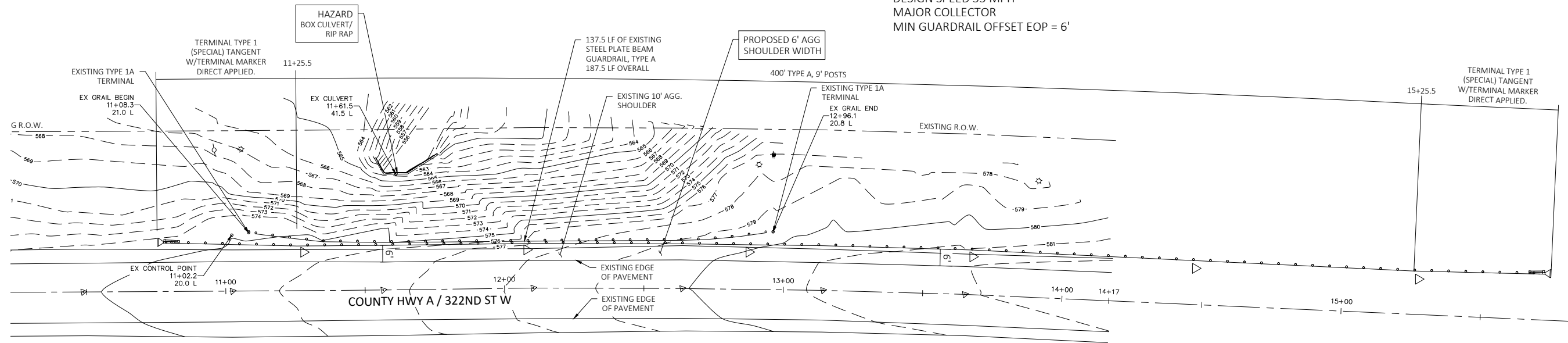
ROCK ISLAND GUARDRAIL IMPROVEMENTS

ROCK ISLAND COUNTY, IL

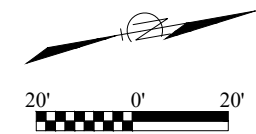
sheet no. 020

project no. 7267

LOCATION NO. A-1.10
 ADT 1800
 DESIGN SPEED 55 MPH
 MAJOR COLLECTOR
 MIN GUARDRAIL OFFSET EOP = 6'



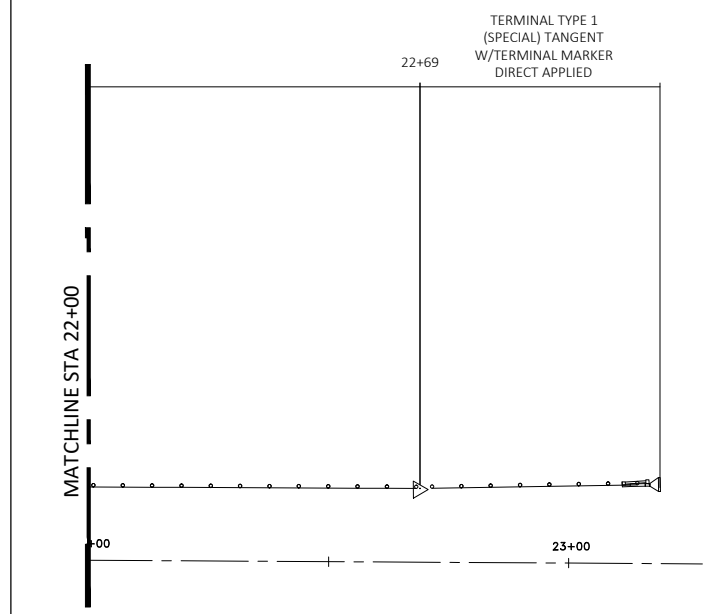
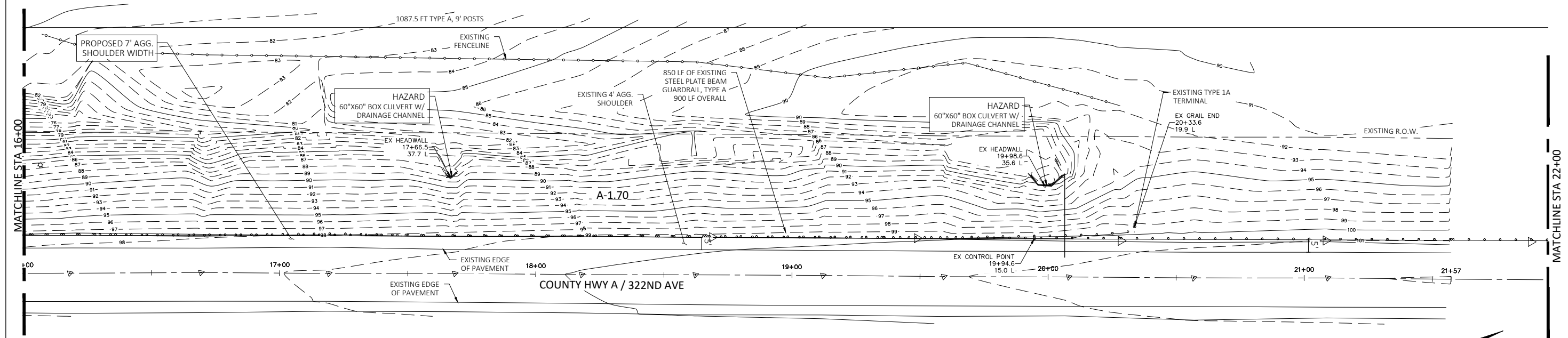
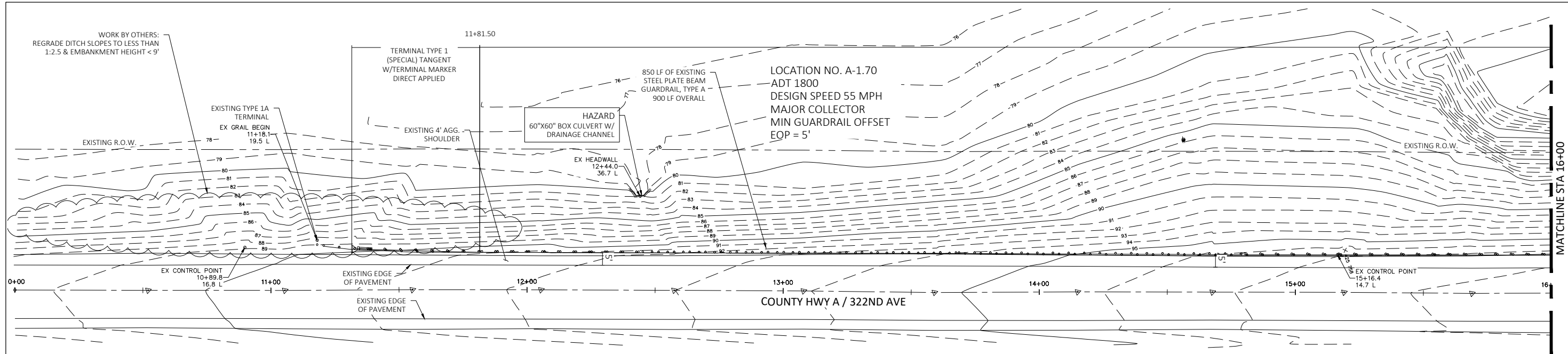
LOCATION_ID	A-1.10		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.12
20400800	FURNISHED EXCAVATION	CU YD	52
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0
48203100	HOT MIX ASPHALT SHOULDERS	TON	0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	81.20
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	400
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	2
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0
63200310	GUARDRAIL REMOVAL	LF	188
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	6



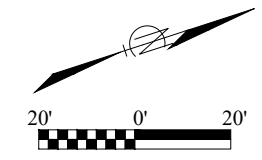
LEGEND

	EXISTING GUARDRAIL
	EXISTING STORM SEWER
	EXISTING SANITARY SEWER
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING CURB & GUTTER
	EXISTING SIDEWALK
	EXISTING CONTOUR
	EXISTING MANHOLE
	EXISTING LIGHT POLE
	PIN FOUND
	GUARDRAIL REFLECTOR, TYPE A

PROJECT NO. 7267	FIELD BOOK NO.	START DATE	DRAWN BY	CHECKED BY	CRA REF. NO.	PWC REF. NO.	FILE LOCATION
DECATUR (217) 422-8544 SCHAUMBURG (731) 744-0050 ROCKFORD (815) 489-0050 184-001397 CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS							
RICO-A-1.10 ROCK ISLAND GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL							
sheet no. 021 project no. 7267							



LOCATION_ID	A-1.70		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.28
20400800	FURNISHED EXCAVATION	CU YD	52
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0
48203100	HOT MIX ASPHALT SHOULDERS	TON	0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	216.00
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	1087.5
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	2
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0
63200310	GUARDRAIL REMOVAL	LF	900
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	7



LEGEND

	EXISTING GUARDRAIL
	EXISTING STORM SEWER
	EXISTING SANITARY SEWER
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING CURB & GUTTER
	EXISTING SIDEWALK
	EXISTING CONTOUR
	EXISTING MANHOLE
	EXISTING LIGHT POLE
	PIN FOUND
	GUARDRAIL REFLECTOR, TYPE A

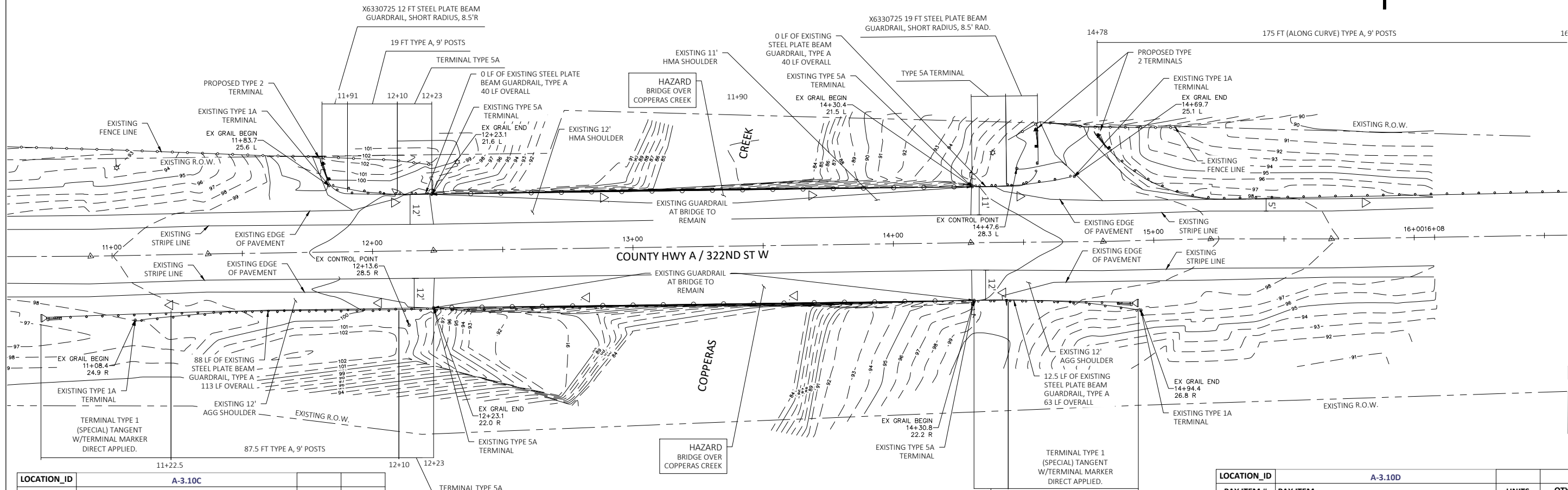
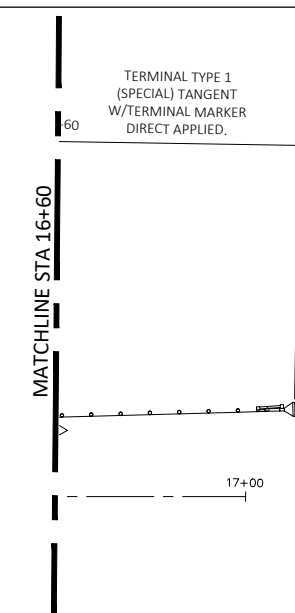
REVISION/ISSUED BY DATE	PROJECT NO. 7267 FIELD BOOK NO. START DATE DRAWN BY TRF/JM CHECKED BY BTR CSA REF. NO. PWC REF. NO. FILE LOCATION	(217) 422-8544 (773) 714-0050 (615) 489-0050 184-001397	DECATUR SCHAUMBURG ROCKFORD	CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS	RICO-A-1.70 ROCK ISLAND GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL sheet no. 022 project no. 7267
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LOCATION_ID	A-3.10B		UNITS	QTY
PAY ITEM #	PAY ITEM			
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.02	
20400800	FURNISHED EXCAVATION	CU YD	0	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	110.4	
48203100	HOT MIX ASPHALT SHOULDERS	TON	19	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	3.00	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	25	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	0	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	1	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	1	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0	
63200310	GUARDRAIL REMOVAL	LF	40	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	12	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	0	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	1	

LOCATION NO. A-3.10B
ADT 1850
DESIGN SPEED 55 MPH
MAJOR COLLECTOR
MIN GUARDRAIL OFFSET EOP = 12'

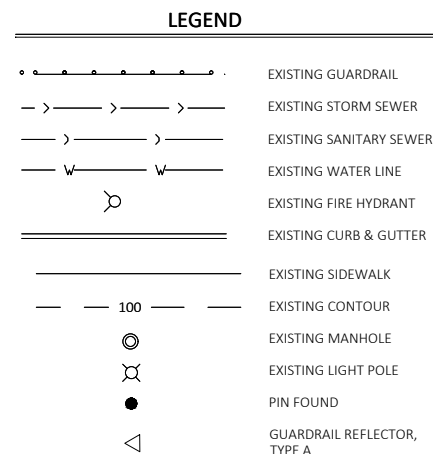
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PAY ITEM #	PAY ITEM			
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.08	
20400800	FURNISHED EXCAVATION	CU YD	26	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	413.1	
48203100	HOT MIX ASPHALT SHOULDERS	TON	71.3	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	12.60	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	175	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	1	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	1	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	2	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0	
63200310	GUARDRAIL REMOVAL	LF	40	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	19	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	1	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	5	

LOCATION NO. A-3.10A
ADT 1850
DESIGN SPEED 55 MPH
MAJOR COLLECTOR
MIN GUARDRAIL OFFSET EOP = 11' AT
BRIDGE, 5' NORTH OF ENTRANCE

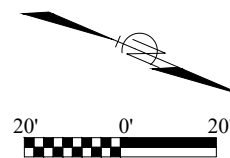


LOCATION_ID	A-3.10C		UNITS	QTY
PAY ITEM #	PAY ITEM			
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.04	
20400800	FURNISHED EXCAVATION	CU YD	26	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	221.1	
48203100	HOT MIX ASPHALT SHOULDERS	TON	38.1	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	6.30	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	87.5	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	1	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	1	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0	
63200310	GUARDRAIL REMOVAL	LF	113	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	1	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	4	

LOCATION NO. A-3.10C
ADT 1850
DESIGN SPEED 55 MPH
MAJOR COLLECTOR
MIN GUARDRAIL OFFSET EOP = 12'



LOCATION NO. A-3.10D
ADT 1850
DESIGN SPEED 55 MPH
MAJOR COLLECTOR
MIN GUARDRAIL OFFSET EOP = 12'



LOCATION_ID	A-3.10D		UNITS	QTY
PAY ITEM #	PAY ITEM			
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.03	
20400800	FURNISHED EXCAVATION	CU YD	26	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	92.8	
48203100	HOT MIX ASPHALT SHOULDERS	TON	16	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	2.80	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	0	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	1	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	1	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0	
63200310	GUARDRAIL REMOVAL	LF	63	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	1	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	1	

REVISION/ISSUED

REV.	DATE	DESCRIPTION

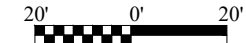
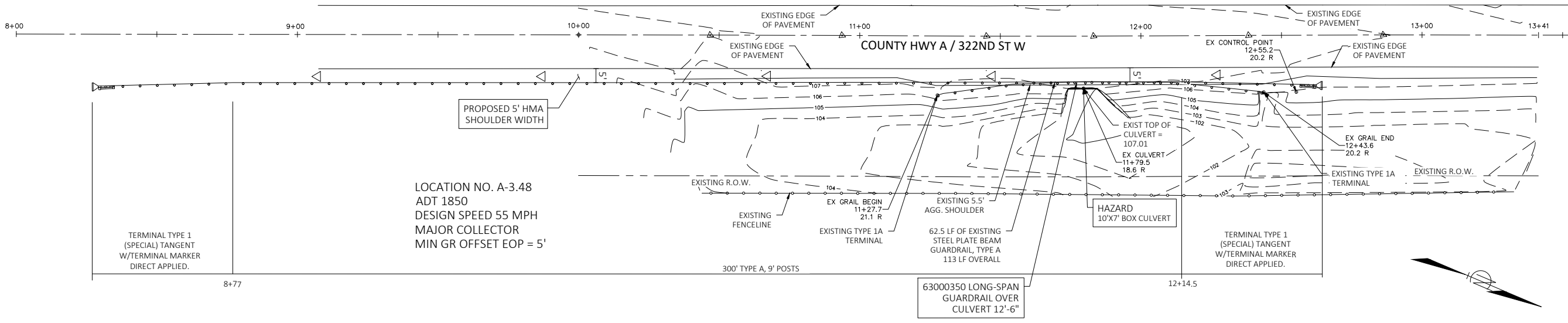
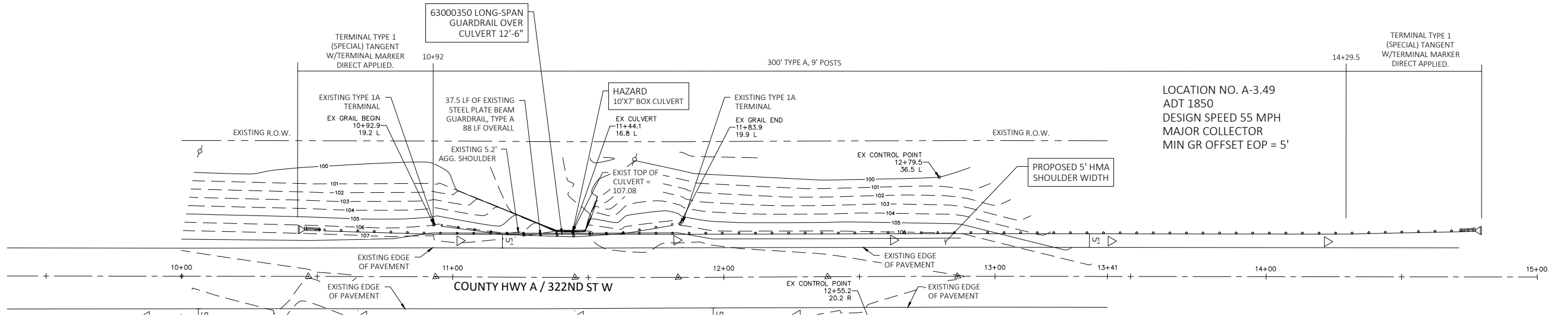
PROJECT NO. 7267
FIELD BOOK NO.
START DATE
DRAWN BY
CHECKED BY
CSA REF. NO.
PWC REF. NO.
FILE LOCATION

DECATUR (217) 422-8544
SCHAUMBURG (773) 744-0050
ROCKFORD (815) 489-0050
CONSULTING ENGINEERS 184-001397

CHASTAIN & ASSOCIATES LLC
CONSULTING ENGINEERS

RICO-A-3.10 A-D
ROCK ISLAND GUARDRAIL IMPROVEMENTS
ROCK ISLAND COUNTY, IL

sheet no. 023
project no. 7267



LOCATION_ID	A-3.48		UNITS	QTY
X2501020	PAY ITEM	SEEDING, CLASS 2A (SPECIAL)	Acre	0.11
20400800	PAY ITEM	FURNISHED EXCAVATION	CU YD	52
44000161	PAY ITEM	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0
48203100	PAY ITEM	HOT MIX ASPHALT SHOULDERS	TON	0
48101200	PAY ITEM	AGGREGATE SHOULDERS, TYPE B	TON	62.30
63000003	PAY ITEM	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	300
63000350	PAY ITEM	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	37.5
63000360	PAY ITEM	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0
63100167	PAY ITEM	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	2
63100075	PAY ITEM	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0
63100045	PAY ITEM	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0
63100089	PAY ITEM	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0
63200310	PAY ITEM	GUARDRAIL REMOVAL	LF	88
X6330725	PAY ITEM	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0
72501000	PAY ITEM	TERMINAL MARKER - DIRECT APPLIED	Each	2
78200005	PAY ITEM	GUARDRAIL REFLECTORS, TYPE A	Each	5

LOCATION_ID	A-3.49		UNITS	QTY
X2501020	PAY ITEM	SEEDING, CLASS 2A (SPECIAL)	Acre	0.11
20400800	PAY ITEM	FURNISHED EXCAVATION	CU YD	52
44000161	PAY ITEM	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0
48203100	PAY ITEM	HOT MIX ASPHALT SHOULDERS	TON	0
48101200	PAY ITEM	AGGREGATE SHOULDERS, TYPE B	TON	62.30
63000003	PAY ITEM	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	300
63000350	PAY ITEM	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	37.5
63000360	PAY ITEM	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0
63100167	PAY ITEM	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	2
63100075	PAY ITEM	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0
63100045	PAY ITEM	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0
63100089	PAY ITEM	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0
63200310	PAY ITEM	GUARDRAIL REMOVAL	LF	113
X6330725	PAY ITEM	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0
72501000	PAY ITEM	TERMINAL MARKER - DIRECT APPLIED	Each	2
78200005	PAY ITEM	GUARDRAIL REFLECTORS, TYPE A	Each	5

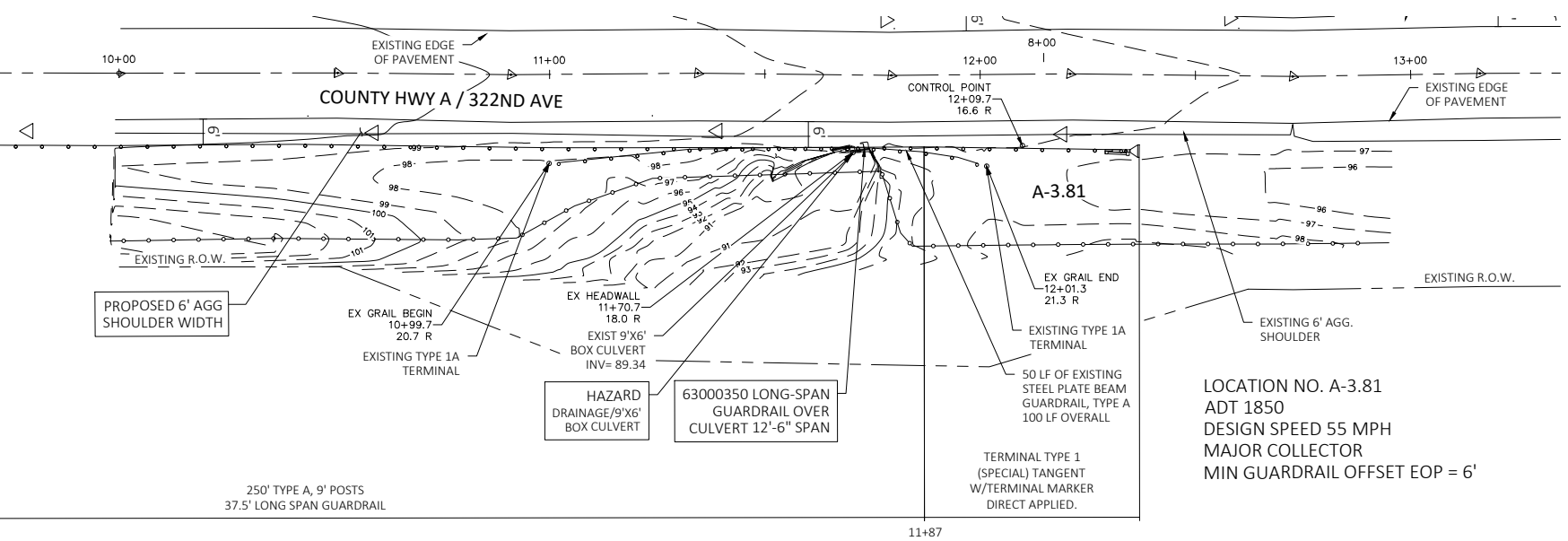
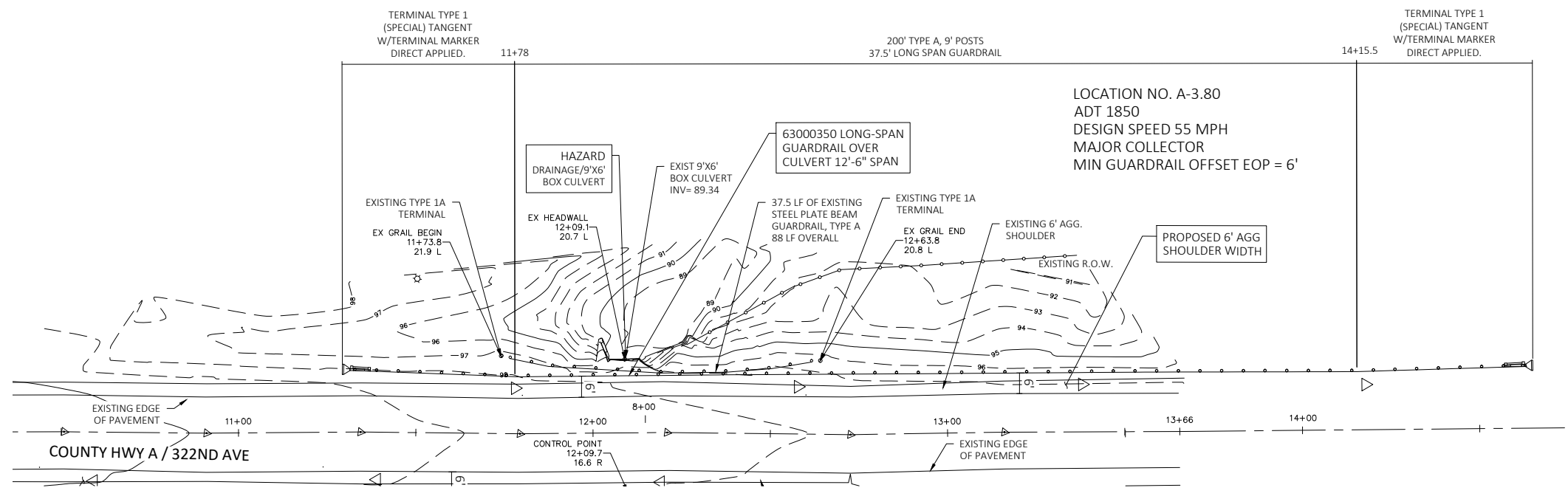
LEGEND

	EXISTING GUARDRAIL
	EXISTING STORM SEWER
	EXISTING SANITARY SEWER
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING CURB & GUTTER
	EXISTING SIDEWALK
	EXISTING CONTOUR
	EXISTING MANHOLE
	EXISTING LIGHT POLE
	PIN FOUND
	GUARDRAIL REFLECTOR, TYPE A

PROJECT NO.	7267
FIELD BOOK NO.	
START DATE	
DRAWN BY	TRF/JM
CHECKED BY	BTR
C&A REF. NO.	
P&C REF. NO.	
FILE LOCATION	
DECATUR	(217) 422-8544
SCHAUMBURG	(773) 744-0050
ROCKFORD	(815) 489-0050
CONSULTING ENGINEERS	184-001397
CHASTAIN & ASSOCIATES LLC	
REVISION/ISSUED	
BY	DATE
RICO-A-3.48 & A-3.49	
ROCK ISLAND GUARDRAIL IMPROVEMENTS	
ROCK ISLAND COUNTY, IL	
sheet no.	024
project no.	7267

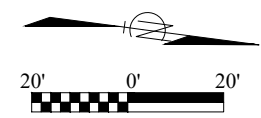
LOCATION_ID	A-3.80			
PAY ITEM #	PAY ITEM	UNITS	QTY	
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.08	
20400800	FURNISHED EXCAVATION	CU YD	52	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0	
48203100	HOT MIX ASPHALT SHOULDERS	TON	0	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	55.00	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	200	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	37.5	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	2	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0	
63200310	GUARDRAIL REMOVAL	LF	88	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	4	

LOCATION_ID	A-3.81			
PAY ITEM #	PAY ITEM	UNITS	QTY	
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.09	
20400800	FURNISHED EXCAVATION	CU YD	52	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0	
48203100	HOT MIX ASPHALT SHOULDERS	TON	0	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	63.00	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	250	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	37.5	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	2	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0	
63200310	GUARDRAIL REMOVAL	LF	100	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	5	



LOCATION NO. A-3.80
 ADT 1850
 DESIGN SPEED 55 MPH
 MAJOR COLLECTOR
 MIN GUARDRAIL OFFSET EOP = 6'

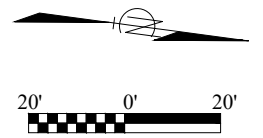
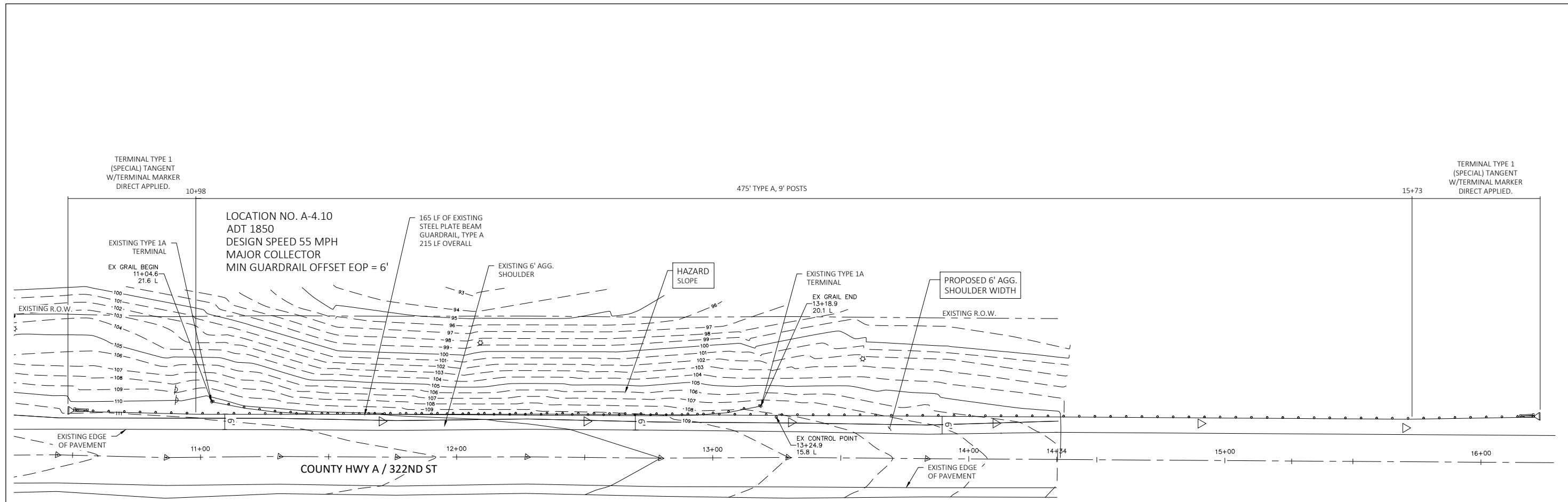
LOCATION NO. A-3.81
 ADT 1850
 DESIGN SPEED 55 MPH
 MAJOR COLLECTOR
 MIN GUARDRAIL OFFSET EOP = 6'



LEGEND

	EXISTING GUARDRAIL
	EXISTING STORM SEWER
	EXISTING SANITARY SEWER
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING CURB & GUTTER
	EXISTING SIDEWALK
	EXISTING CONTOUR
	EXISTING MANHOLE
	EXISTING LIGHT POLE
	PIN FOUND
	GUARDRAIL REFLECTOR, TYPE A

REVISION/ISSUED	BY	DATE
PROJECT NO.	7267	
FIELD BOOK NO.		
START DATE		
DRAWN BY	TRF/JM	
CHECKED BY	BTR	
CSA REF. NO.		
PWC REF. NO.		
FILE LOCATION		
DECATUR	(217) 422-8544	
SCHAUMBURG	(773) 744-0050	
ROCKFORD	(815) 489-0050	
	184-001397	
CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS		
RICO-A-3.80 & A-3.81		
ROCK ISLAND GUARDRAIL IMPROVEMENTS		
ROCK ISLAND COUNTY, IL		
sheet no.	025	
project no.	7267	

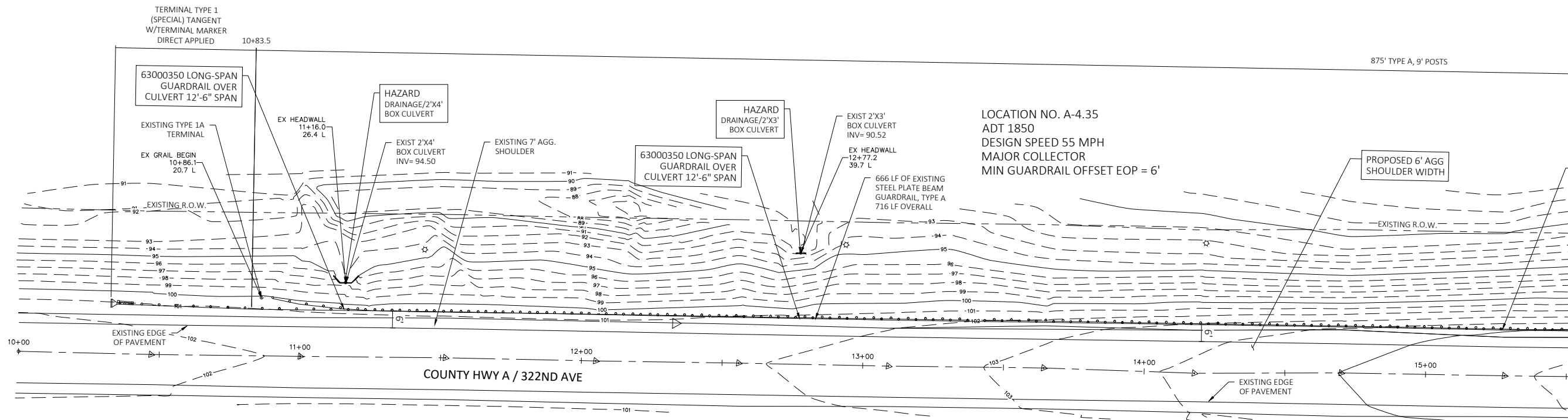


LOCATION_ID	A-4.10		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.14
20400800	FURNISHED EXCAVATION	CU YD	52
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0
48203100	HOT MIX ASPHALT SHOULDERS	TON	0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	93.30
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	475
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	2
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0
63200310	GUARDRAIL REMOVAL	LF	215
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	6

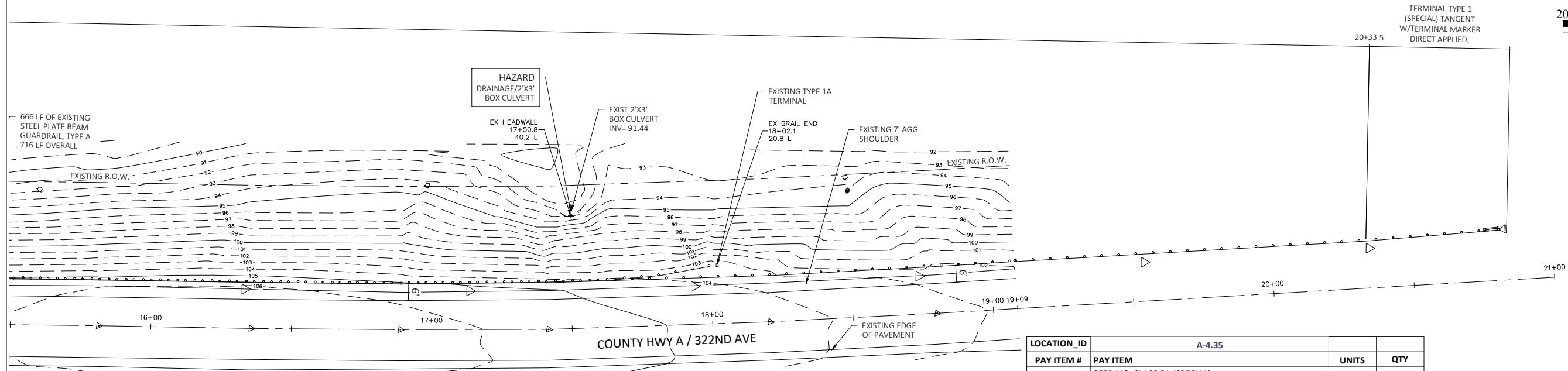
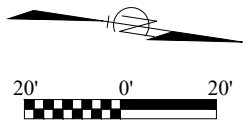
LEGEND

	EXISTING GUARDRAIL
	EXISTING STORM SEWER
	EXISTING SANITARY SEWER
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING CURB & GUTTER
	EXISTING SIDEWALK
	EXISTING CONTOUR
	EXISTING MANHOLE
	EXISTING LIGHT POLE
	PIN FOUND
	GUARDRAIL REFLECTOR, TYPE A

PROJECT NO. 7267	FIELD BOOK NO.	START DATE	DRAWN BY	CHECKED BY	PWC REF. NO.	FILE LOCATION
			TIR/IM	BTR		
DECATUR (217) 422-8544 SCHAUMBURG (773) 714-0050 ROCKFORD (815) 486-0050 184-001397						
CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS						
ROCK ISLAND GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL						
RICO-A-4.10						
sheet no. 026						
project no. 7267						



LOCATION NO. A-4.35
 ADT 1850
 DESIGN SPEED 55 MPH
 MAJOR COLLECTOR
 MIN GUARDRAIL OFFSET EOP = 6'

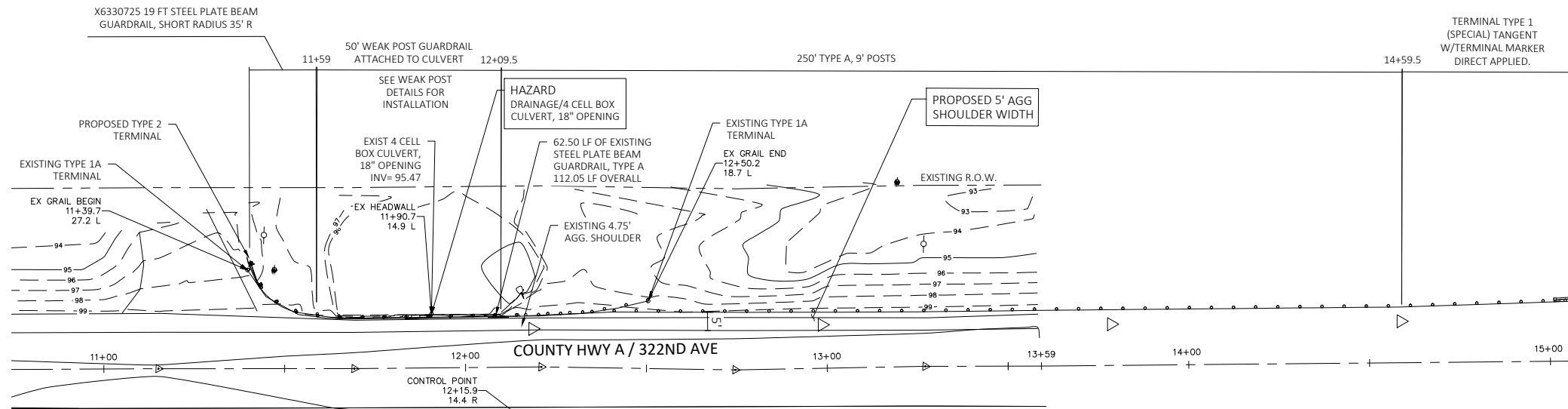


LOCATION_ID	A-4.35		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.25
20400800	FURNISHED EXCAVATION	CU YD	52
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0
48203100	HOT MIX ASPHALT SHOULDERS	TON	0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	169.90
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	875
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	75
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	2
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0
63200310	GUARDRAIL REMOVAL	LF	716
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	7

LEGEND	
	EXISTING GUARDRAIL
	EXISTING STORM SEWER
	EXISTING SANITARY SEWER
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING CURB & GUTTER
	EXISTING SIDEWALK
	EXISTING CONTOUR
	EXISTING MANHOLE
	EXISTING LIGHT POLE
	PIN FOUND
	GUARDRAIL REFLECTOR, TYPE A

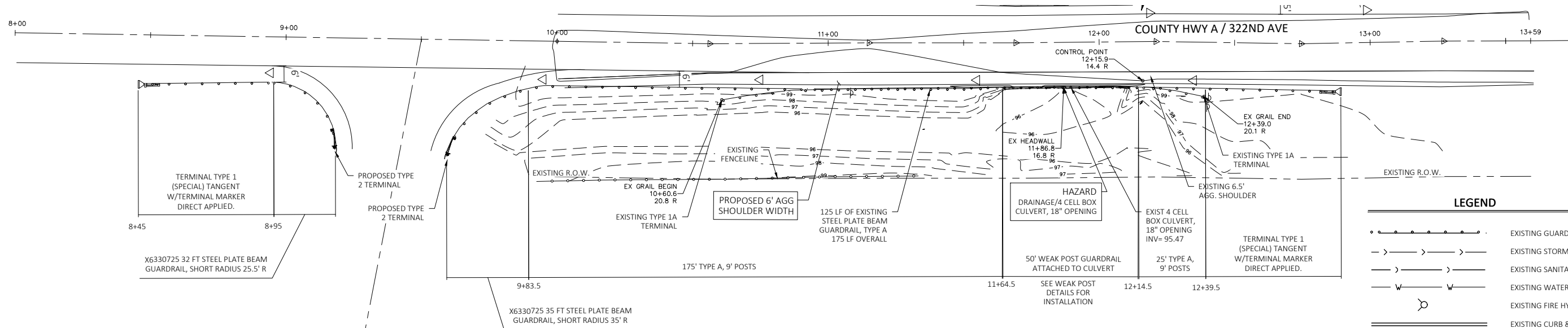
REVISION/ISSUED	BY	DATE
PROJECT NO.	7267	
FIELD BOOK NO.		
START DATE		
DRAWN BY	TRF/JM	
CHECKED BY	BTR	
CSA REF. NO.		
PWC REF. NO.		
FILE LOCATION		
DECATUR	(217) 422-8544	
SCHAUMBURG	(773) 744-0050	
ROCKFORD	(815) 486-0050	
	184-001397	
CHASTAIN & ASSOCIATES LLC		
CONSULTING ENGINEERS		
RICO-A-4.35		
ROCK ISLAND GUARDRAIL IMPROVEMENTS		
ROCK ISLAND COUNTY, IL		
sheet no.	027	
project no.	7267	

LOCATION NO. A-4.80
 ADT 1850
 DESIGN SPEED 55 MPH
 MAJOR COLLECTOR
 MIN GUARDRAIL OFFSET EOP = 5'



LOCATION_ID	A-4.80		UNITS	QTY
X2501020	PAY ITEM #	PAY ITEM		
X2501020		SEEDING, CLASS 2A (SPECIAL)	Acre	0.08
20400800		FURNISHED EXCAVATION	CU YD	26
44000161		HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0
48203100		HOT MIX ASPHALT SHOULDERS	TON	0
48101200		AGGREGATE SHOULDERS, TYPE B	TON	48.80
63000003		STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	250
63000050		WEAK POST GUARDRAIL ATTACHED TO CULVERT CASE I	FOOT	50
63000350		LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0
63000360		LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0
63100167		TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	1
63100075		TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0
63100045		TRAFFIC BARRIER TERMINAL, TYPE 2	Each	1
63100089		TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0
63200310		GUARDRAIL REMOVAL	LF	113
X6330725		STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	19
72501000		TERMINAL MARKER - DIRECT APPLIED	Each	1
78200005		GUARDRAIL REFLECTORS, TYPE A	Each	4

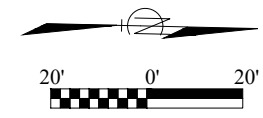
LOCATION_ID	A-4.81		UNITS	QTY
X2501020	PAY ITEM #	PAY ITEM		
X2501020		SEEDING, CLASS 2A (SPECIAL)	Acre	0.10
20400800		FURNISHED EXCAVATION	CU YD	52
44000161		HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0
48203100		HOT MIX ASPHALT SHOULDERS	TON	0
48101200		AGGREGATE SHOULDERS, TYPE B	TON	67.80
63000003		STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	200
63000050		WEAK POST GUARDRAIL ATTACHED TO CULVERT CASE I	FOOT	50
63000350		LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0
63000360		LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0
63100167		TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	2
63100075		TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0
63100045		TRAFFIC BARRIER TERMINAL, TYPE 2	Each	2
63100089		TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0
63200310		GUARDRAIL REMOVAL	LF	175
X6330725		STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	67
72501000		TERMINAL MARKER - DIRECT APPLIED	Each	2
78200005		GUARDRAIL REFLECTORS, TYPE A	Each	5



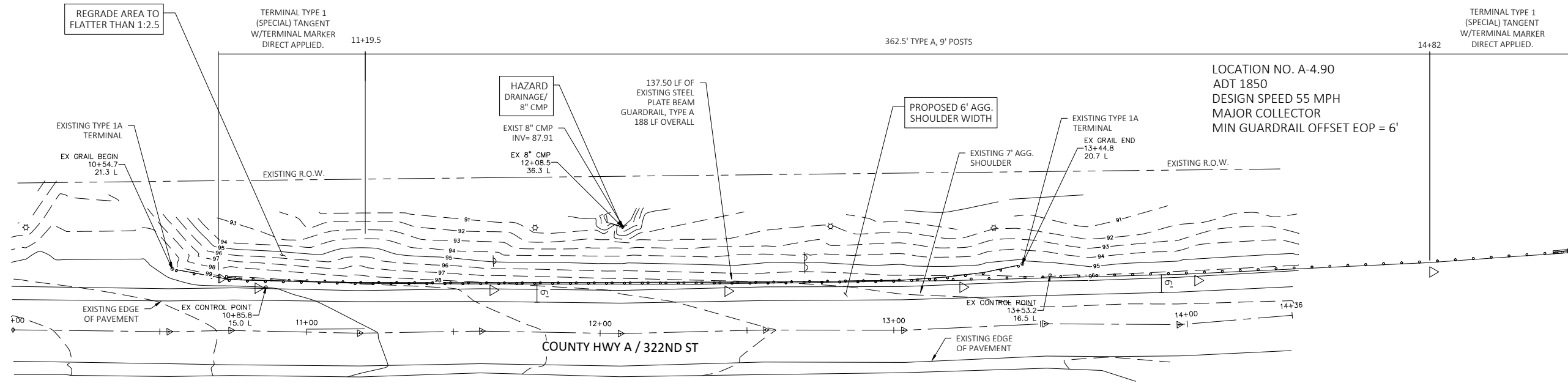
LOCATION NO. A-4.81
 ADT 1850
 DESIGN SPEED 55 MPH
 MAJOR COLLECTOR
 MIN GUARDRAIL OFFSET EOP = 6'

LEGEND

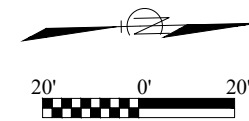
	EXISTING GUARDRAIL
	EXISTING STORM SEWER
	EXISTING SANITARY SEWER
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING CURB & GUTTER
	EXISTING SIDEWALK
	EXISTING CONTOUR
	EXISTING MANHOLE
	EXISTING LIGHT POLE
	PIN FOUND
	GUARDRAIL REFLECTOR, TYPE A



REVISION/ISSUED					
BY	DATE	7/26/21	TRF/JM	BTR	BTR
PROJECT NO.	FIELD BOOK NO.	START DATE	DRAWN BY	CHECKED BY	C&A REF. NO.
7267	7267	(217) 422-8544	(773) 714-0050	(615) 489-0050	184-001397
DECATUR SCHAUMBURG ROCKFORD CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS					
RICO-A-4.80 & A-4.81 ROCK ISLAND GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL					
sheet no. 028					
project no. 7267					



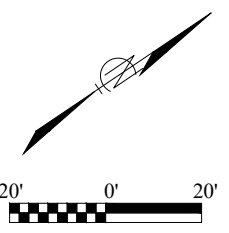
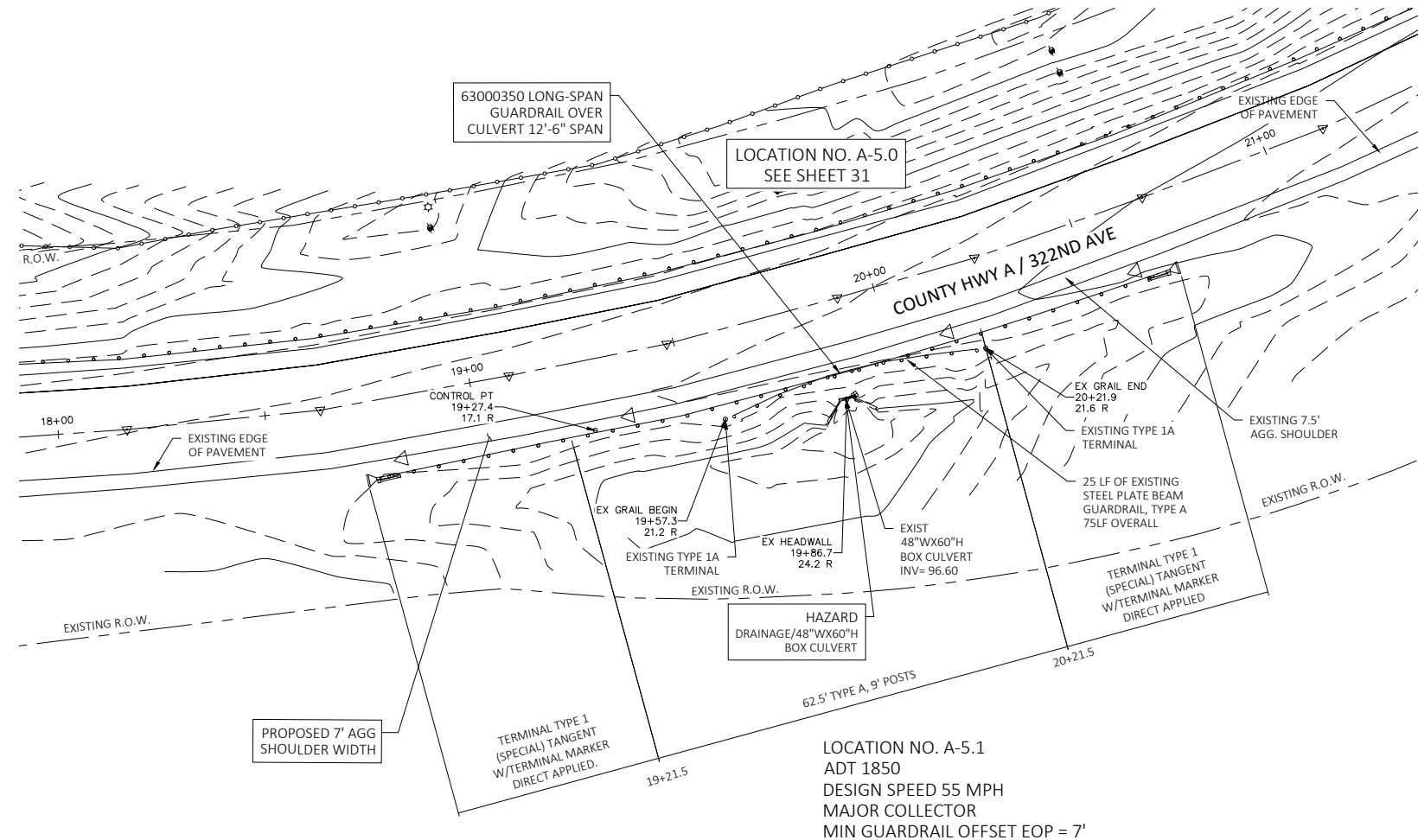
LOCATION_ID	A-4.90		UNITS	QTY
PAY ITEM #	PAY ITEM			
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.11	
20400800	FURNISHED EXCAVATION	CU YD	52	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0	
48203100	HOT MIX ASPHALT SHOULDERS	TON	0	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	75.10	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	362.5	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	0	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	2	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0	
63200310	GUARDRAIL REMOVAL	LF	188	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	6	



LEGEND

	EXISTING GUARDRAIL
	EXISTING STORM SEWER
	EXISTING SANITARY SEWER
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING CURB & GUTTER
	EXISTING SIDEWALK
	EXISTING CONTOUR
	EXISTING MANHOLE
	EXISTING LIGHT POLE
	PIN FOUND
	GUARDRAIL REFLECTOR, TYPE A

PROJECT NO. 7267	FIELD BOOK NO. 7267	START DATE TIR/IM	DRAWN BY BTR	CHECKED BY BTR	C&A REF. NO. 184-001397	P&C REF. NO.	FILE LOCATION
DECATUR (217) 422-8544 SCHAUMBURG (731) 744-0050 ROCKFORD (815) 486-0050 CONSULTING ENGINEERS							
CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS							
RICO-A-4.90 ROCK ISLAND GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL							
sheet no. 029							
project no. 7267							



LEGEND

	EXISTING GUARDRAIL
	EXISTING STORM SEWER
	EXISTING SANITARY SEWER
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING CURB & GUTTER
	EXISTING SIDEWALK
	EXISTING CONTOUR
	EXISTING MANHOLE
	EXISTING LIGHT POLE
	PIN FOUND
	GUARDRAIL REFLECTOR, TYPE A

LOCATION_ID	A-5.10			
PAY ITEM #	PAY ITEM	UNITS	QTY	
X2501020	SEEDING, CLASS 2A (SPECIAL)	Acre	0.05	
20400800	FURNISHED EXCAVATION	CU YD	52	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0	
48203100	HOT MIX ASPHALT SHOULDERS	TON	0	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	36.80	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	62.5	
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	37.5	
63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	LF	0	
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	Each	2	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0	
63100045	TRAFFIC BARRIER TERMINAL, TYPE 2	Each	0	
63100089	TRAFFIC BARRIER TERMINAL, TYPE 6B	Each	0	
63200310	GUARDRAIL REMOVAL	LF	75	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	4	

PROJECT NO. 7267	FIELD BOOK NO.	START DATE	DRAWN BY	CHECKED BY	C&A REF. NO.	P&C REF. NO.	FILE LOCATION
DECATUR (217) 422-8544 SCHAUMBURG (731) 714-0050 ROCKFORD (815) 486-0050 184-001397 CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS							
ROCK ISLAND GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL							
sheet no. 031 project no. 7267							