

06-12-2020 LETTING, ITEM 179

# ROCK ISLAND COUNTY GUARDRAIL IMPROVEMENTS

## HSIP FUNDS VARIOUS ROUTES SECTION 18-00376-00-GR ROCK ISLAND COUNTY

PROJECT NO. FADQ (857)  
JOB NO. C-92-060-19  
CONTRACT NO. 85696

### UTILITIES

**ENERGY:**

MIDAMERICAN ENERGY  
MATT KOVACIC  
MSKOVACIC@MIDAMERICAN.COM  
309-793-3704

NO. BORDER PIPELINE CO  
SCOTT HOELSCHER  
SCOTT.HOELSCHER@TRANSCANADA.COM  
563-289-3338 X3434

ALLIANCE PIPELINE CO.  
JACKIE KELLEN  
JACKIE.DELLEN@ENBRIDGE.COM  
612-720-9533

NATURAL GAS PIPELINE CO  
ALEXANDER HENNING  
ALEXANDER.HENNING@KINDERMORGAN.COM  
713-420-2337 X618-599-2597

ONEOK NORTH SYSTEM LLC  
GUARDIAN, MIDWESTERN & V  
NICHOLAS.BOCKLET@ONEOK.COM  
DANIELLE.WALLIN@ONEOK.COM  
815-467-4633 X118

**MUNICIPALITIES:**

VILLAGE OF PORT BYRON  
NICK WAGNER  
563-445-3501

VILLAGE OF MILAN  
STEVE SEIVER  
STEVESEIVER@MILAN.IL.US  
309-787-8507

CITY OF MOLINE  
RANDI HALEY  
309-524-2300

**COMMUNICATIONS:**

STRADA COMMUNICATIONS, LLC  
SCOTT SEARL  
SCOTT@STRADACOMM.COM  
563-529-2787  
TOM BUSSERT  
TOM@STRADACOMM.COM  
309-496-3737

FRONTIER COMMUNICATIONS  
KALIN HINSHAW  
815-895-1515  
ATT/DISTRIBUTION  
G11629@ATT.COM

WINDSTREAM KDL/MCLEOD USE  
LOCATE DESK  
LOCATE.DESK@WINDSTREAM.COM  
800-289-1901

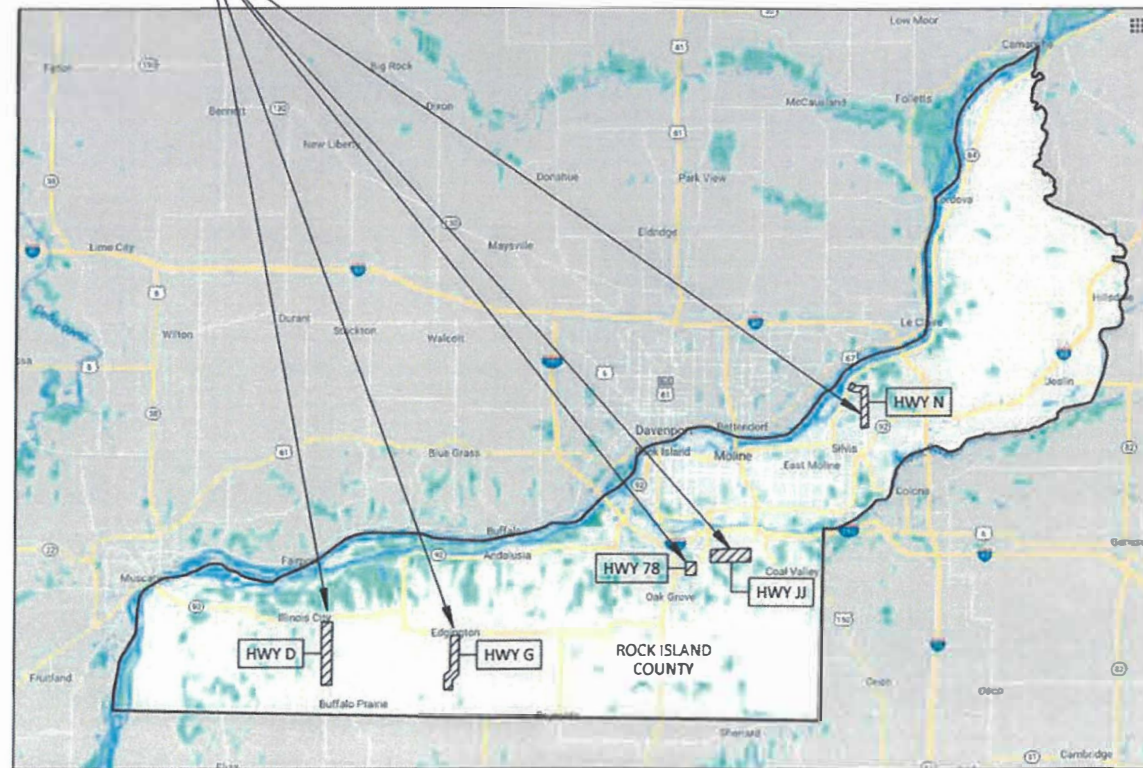
GENESEO TELEPHONE CO.  
TED MATTAN  
TED.MATTAN@GENESEO.COM  
309-944-8030 XDESK

MEDIACOM  
JEFF ALLEN  
JALLEN4@MEDIACOMCC.COM  
309-743-4855  
845-867-0963 CELL

REYNOLDS TELEPHONE CO.  
JACE TAYLOR  
JATALOR@REYTEL.NET  
309-314-619 X309-372-9942

CTLCL-CENTURYLINK  
BRAD STOCKHAM  
BRADLEY.STOCKHAM@CENTURYLINK.COM  
309-477-0363 X 309-267-3287

PROJECT LOCATIONS



CONSTRUCTION SITE  
LOCATION MAP



BRETT T. ROBERTS, P.E.  
LICENSE EXPIRES 11/30/2021

J.U.L.I.E.  
JOINT UTILITY LOCATION INFORMATION FOR EXCAVATION  
1-800-892-0123  
OR 811

HLC PROJECT NO. 7266

NOTE: ADT, DESIGN SPEED & FUNCTIONAL CLASS INDICATED ON EACH PLAN.

EACH LOCATION INCLUDES AN INVENTORY, SURVEY, ASSESSMENT AND DESIGN OF GUARDRAIL TO MEET CURRENT IDOT LOCAL ROADS DESIGN STANDARDS.



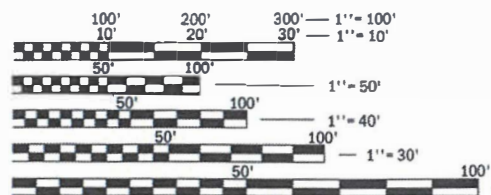
LOCATION OF SECTION INDICATED THUS: -

APPROVED April 08 2020  
John C. Moore  
COUNTY ENGINEER

PASSED 4/16 2020  
David M. Roberts  
DISTRICT TWO ENGINEER OF  
LOCAL ROADS AND STREETS

Releasing For  
Bid Based on  
Limited Review 4/16 2020  
Marion Alford  
DEPUTY DIRECTOR OF HIGHWAYS  
REGION TWO ENGINEER

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION



FULL SIZE PLANS HAVE BEEN PREPARED USING STANDARD ENGINEERING SCALES. REDUCED SIZED PLANS WILL NOT CONFORM TO STANDARD SCALES. IN MAKING MEASUREMENTS ON REDUCED PLANS, THE ABOVE SCALES MAY BE USED.

BY DATE	REVISIONS
PROJECT NO.	7266
FIELD BOOK NO.	
START DATE	
DRAWN BY	MMW/TFR
CHECKED BY	BIT
CSA REF. NO.	
PMC REF. NO.	
FILE LOCATION	
(317) 422-8544 (773) 714-0050 (815) 489-0050 184-001997 DECATUR SCHADBURG ROCKFORD CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS	
COVER SHEET	
ROCK ISLAND COUNTY GUARDRAIL IMPROVEMENTS	
ROCK ISLAND COUNTY, IL	
Sheet No.	001
Project No.	7266

**INDEX OF SHEETS**

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005	TYPICAL SECTIONS
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007	RICO-D-0.25 & D-0.29
008	RICO-D-0.48
009	RICO-D-0.75
010	RICO-D-1.50A&D_D-1.58_D-1.60
011	RICO-D-1.50 B & C
012	RICO-D-2.04
013	RICO-D-2.11
014	RICO-D-2.12
015	RICO-D-2.28
016	RICO-D-3.11
017	RICO-G-0.02
018	RICO-G-0.02A
019	RICO-G-0.66
020	RICO-G-3.19C
021	RICO-G-4.22
022	RICO-G-4.64
023	RICO-JJ-0.06 A-D
024	RICO-JJ-1.93
025	RICO-N-1.00
026	RICO-N-1.20 & N-1.21
027	RICO-N-1.30 & N-1.32
028	RICO-N-1.70
029	RICO-N-1.69_N-1.79_N-1.80
030	RICO-78-1.76C
031	RICO-78-1.76A

**GENERAL NOTES**

- 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.
- NO MATERIAL SHALL BE LEFT ON OR NEAR THE ROADWAY DURING NON-WORKING HOURS.
- ANY NECESSARY TRAFFIC CONTROL WILL BE PROVIDED BY THE CONTRACTOR. APPROPRIATE STANDARDS ARE INCLUDED IN THE PLANS AND CONTRACT DOCUMENTS.
- 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.
- 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.
- NO OVERNIGHT LANE CLOSURES WILL BE ALLOWED.
- 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.
- 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.
- THE FINISHED EARTHWORK SHALL HAVE A VEGETATION SUSTAINING SOIL COVERING THE TOP FOUR INCHES IN AREAS TO BE SEEDED. THE VEGETATION SUSTAINING SOIL REQUIRED WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE INCLUDED IN THE COST OF FURNISHED EXCAVATION.
- 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 SITE RIGHT OF WAY DUE TO ENVIRONMENTAL DOCUMENTATION REQUIREMENTS.
- 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.
- ALL EXISTING HMA THAT WILL BE LOCATED BEHIND THE PROPOSED PLACEMENT OF THE NEW GUARDRAIL POSTS WILL BE REMOVED AS DETERMINED BY THE ENGINEER. THIS WORK WILL BE DONE AT NO ADDITIONAL COST.
- 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. ALL GUARDRAIL SHALL BE REPLACED WITHIN FIVE DAYS OF REMOVAL.
- 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.
- TYPE 5A & 6 TERMINALS WILL BE EVALUATED BY THE ENGINEER FOR SALVAGE & REUSE. CONTRACTOR SHALL COORDINATE WITH ENGINEER PRIOR TO REMOVAL OF TERMINALS.
- ANY EXISTING SIGNAGE IN CONFLICT TO BE RELOCATED DURING CONSTRUCTION. THIS WORK SHALL BE INCIDENTAL.

**SUMMARY OF QUANTITIES**

CONSTRUCTION TYPE CODE: 0021

ITEM NUMBER	PAY CODE	DESCRIPTION	UNIT	QUANTITY
△ 1	20200100	EARTH EXCAVATION	CU YD	87
△ 2	20400800	FURNISHED EXCAVATION	CU YD	1350
△ 3	35101400	AGGREGATE BASE COURSE, TYPE B	TON	73
△ 4	44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	6700
△ 5	48101200	AGGREGATE SHOULDERS, TYPE B	TON	1239
△ 6	48203100	HOT MIX ASPHALT SHOULDERS	TON	1156
7	63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	FOOT	10777
8	63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	FOOT	125
9	63000360	LONG-SPAN GUARDRAIL OVER CULVERT, 18 FT 9 IN SPAN	FOOT	19
10	63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	EACH	7
11	63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	EACH	2
12	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	53
13	63200310	GUARDRAIL REMOVAL	FOOT	10021
14	67100100	MOBILIZATION	LS	1
15	72501000	TERMINAL MARKER - DIRECT APPLIED	EACH	76
16	78200005	GUARDRAIL REFLECTORS, TYPE A	EACH	157
17	LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	EACH	23
18	X2501000	SEEDING, CLASS 2A (SPECIAL)	ACRE	3.72
19	X6330725	STLPLT BEAM GUARDRAIL (SHORT RADIUS)	FOOT	823
20	X7010216	TRAFFIC CONTROL & PROTECTION (SPECIAL)	LS	1
21	Z0013798	CONSTRUCTION LAYOUT	LS	1

△ SPECIALTY ITEMS

**COMMITMENTS**

NONE AT THIS TIME

**LIST OF ILLINOIS DOT HIGHWAY STANDARDS**

000001-07	STANDARD SYMBOLS, ABBREVIATIONS AND PATTERNS
280001-07	TEMPORARY EROSION CONTROL SYSTEMS
630001-12	STEEL PLATE BEAM 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
631031-16	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
701421-08	LANE CLOSURE, MULTILANE, DAY ONLY, FOR SPEEDS > 45 MPH TO 55 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 23-4	TRAFFIC BARRIER TERMINAL TYPE 1
BLR 26-03	STEEL PLATE BEAM GUARDRAIL, 29" HIGH
BLR 27-1	TRAFFIC BARRIER TERMINAL TYPE 5A

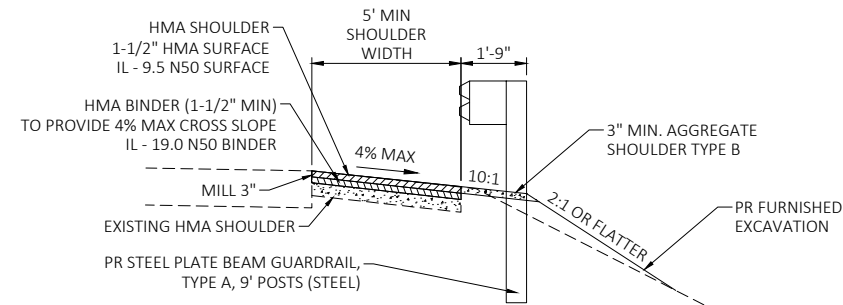
REVISION/ISSUED	
DATE	
BY	
PROJECT NO.	7266
FIELD BOOK NO.	
START DATE	
DRAWN BY	MW/TFR
CHECKED BY	BTR
C&A REF. NO.	
PWC REF. NO.	
FILE LOCATION	
DECATUR (917) 422-8644 SCHALMBURG (773) 744-0050 ROCKFORD (815) 489-0050 CHASTAIN & ASSOCIATES, LLC CONSULTING ENGINEERS 184-001397	
GENERAL NOTES & INDEX OF SHEETS	ROCK ISLAND COUNTY GUARDRAIL IMPROVEMENTS
Sheet no.	002
Project no.	7266



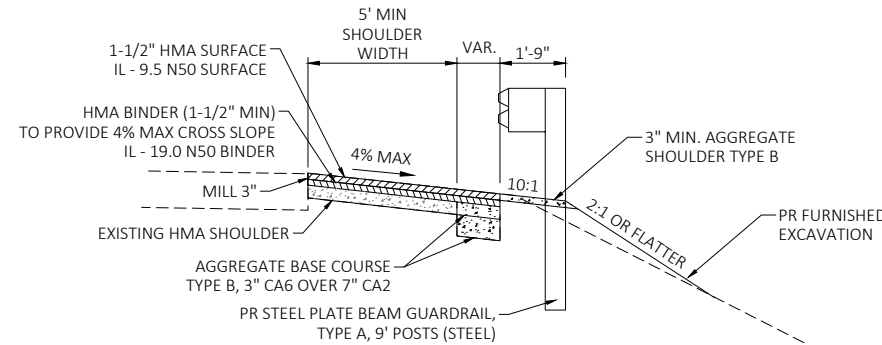








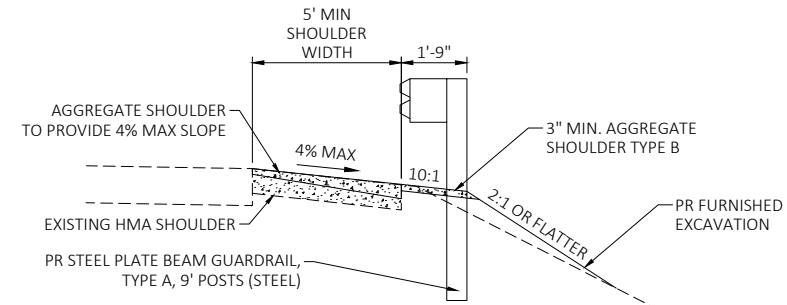
**PROPOSED TYPICAL SECTION - HMA SHOULDER**  
GUARDRAIL WITH 9' POSTS (HMA SHOULDER)



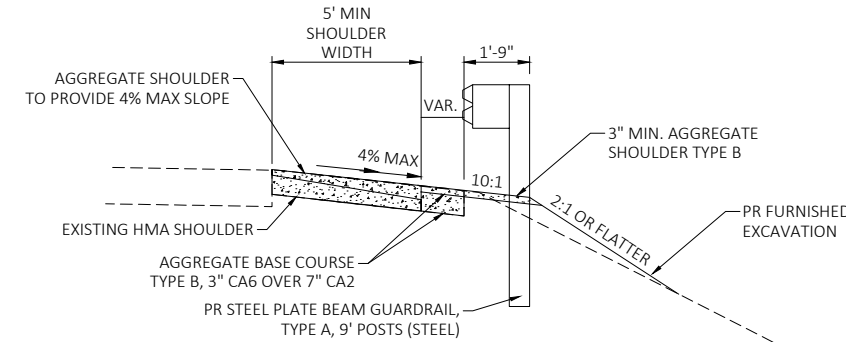
**PROPOSED TYPICAL SECTION - HMA SHOULDER W/WIDENING**  
WITH SHOULDER WIDENING (9' POSTS & HMA PAVEMENT)

**HMA MIXTURE REQUIREMENTS TABLE**

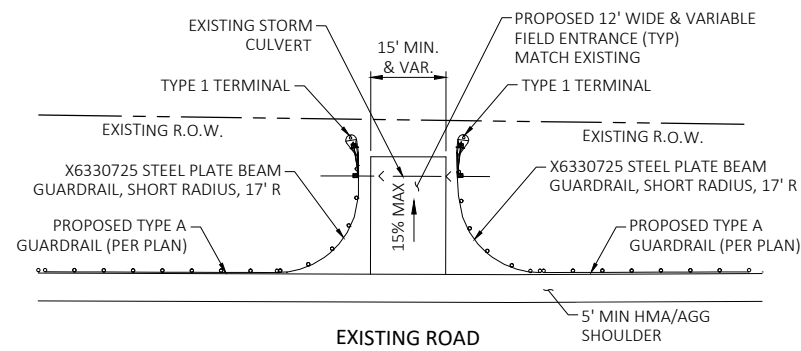
Location(s):	Shoulder
Mixture Use(s):	Surface and Binder
PG:	PG 64-22
Design Air Voids:	4.0% @ N50
Mixture Composition: (Mixture Gradation)	IL 9.5
Friction Aggregate:	"C"
Mixture Weight:	112 lb/sy/in
Quality Management Program:	QC/QA
Sublot Size:	N/A
Number of Roller Passes	N/A



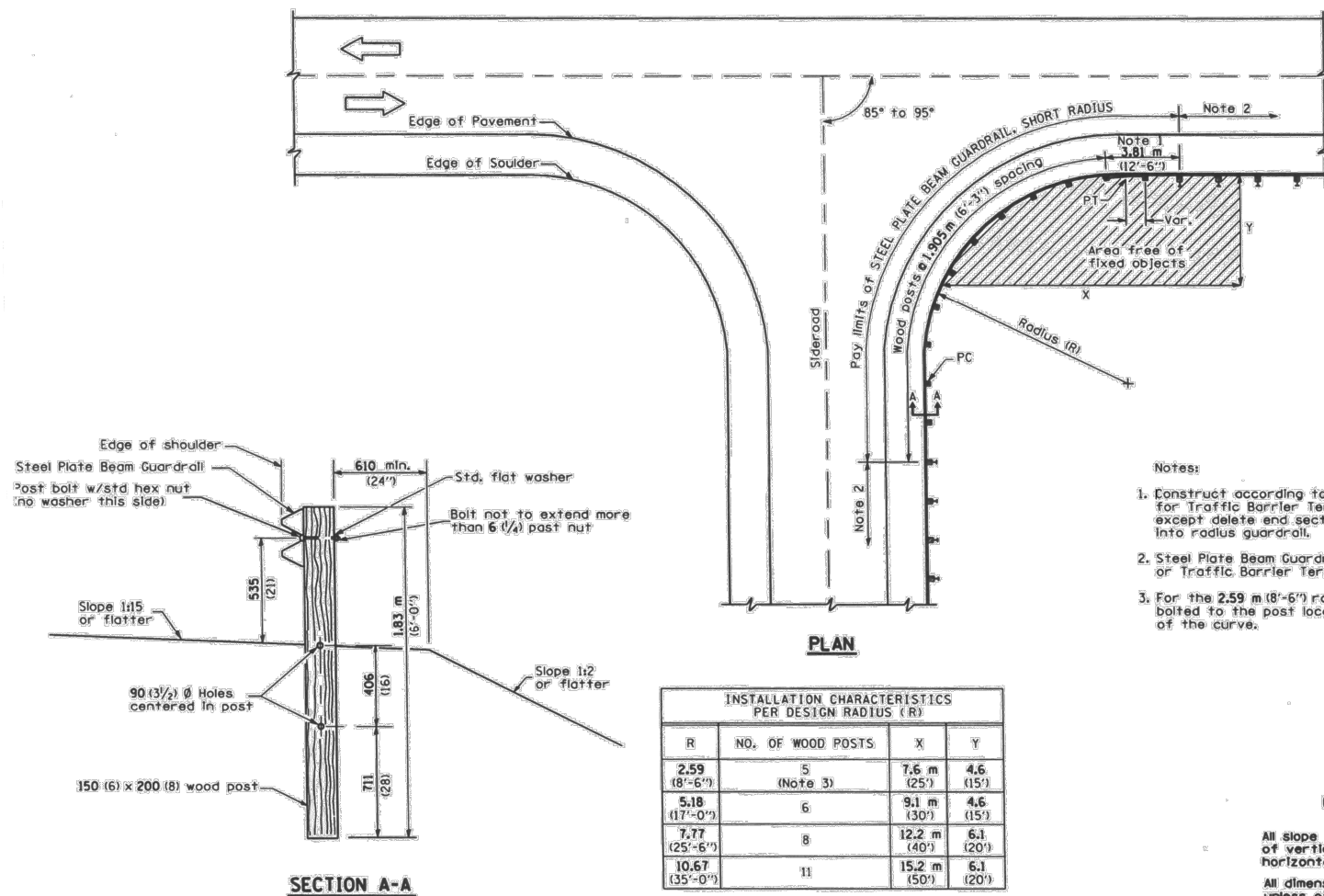
**PROPOSED TYPICAL SECTION - AGGREGATE SHOULDER**  
GUARDRAIL WITH 9' POSTS (AGGREGATE SHOULDER)



**PROPOSED TYPICAL SECTION - AGG SHOULDER W/WIDENING**  
WITH SHOULDER WIDENING (9' POSTS & AGG. SURFACE)



**PROPOSED FIELD ENTRANCE**  
TYPICAL SECTION



**STEEL PLATE BEAM GUARDRAIL, SHORT RADIUS**

INSTALLATION CHARACTERISTICS PER DESIGN RADIUS (R)			
R	NO. OF WOOD POSTS	X	Y
2.59 (8'-6")	5 (Note 3)	7.6 m (25')	4.6 (15')
5.18 (17'-0")	6	9.1 m (30')	4.6 (15')
7.77 (25'-6")	8	12.2 m (40')	6.1 (20')
10.67 (35'-0")	11	15.2 m (50')	6.1 (20')

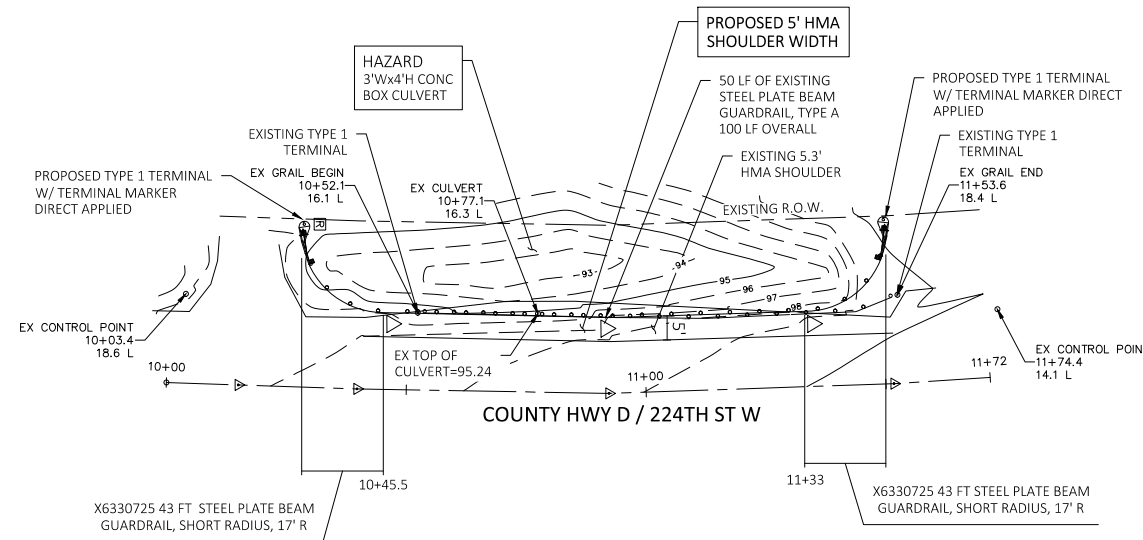
**GENERAL NOTES**

All slope ratios are expressed as units of vertical displacement to units of horizontal displacement (V/H).  
All dimensions are in millimeters (inches) unless otherwise shown.

REVISION/ISSUED	
BY	DATE
PROJECT NO.	7256
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
<b>CHASTAIN &amp; ASSOCIATES LLC</b>	
TYPICAL SECTIONS	
ROCK ISLAND COUNTY	
GUARDRAIL IMPROVEMENTS	
ROCK ISLAND COUNTY, IL	
sheet no.	005
project no.	7266

LOCATION NO. D-0.21  
 ADT 350  
 DESIGN SPEED 55 MPH  
 MAJOR COLLECTOR  
 MIN GUARDRAIL OFFSET EOP = 5 FT

LOCATION_ID	D-0.21		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.05
20200100	EARTH EXCAVATION	CU YD	0
20400800	FURNISHED EXCAVATION	CU YD	0
35101400	AGGREGATE BASE COURSE, TYPE B	TON	0
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	120.7
48203100	HOT MIX ASPHALT SHOULDERS	TON	20.8
48101200	AGGREGATE SHOULDERS, TYPE B	TON	8.00
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	75
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	12.5
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
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	2
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0
63200310	GUARDRAIL REMOVAL	LF	100
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	60
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	3

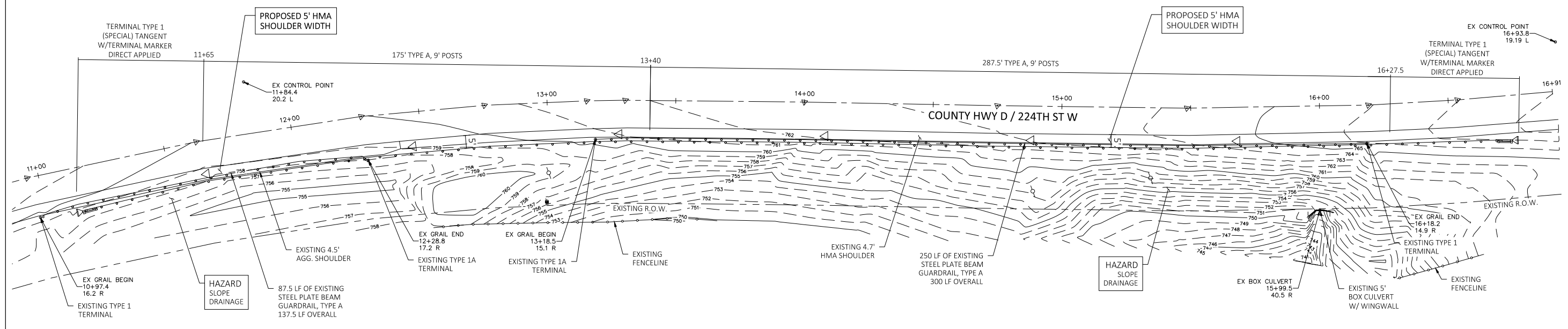


**LEGEND**

	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. 7256	FIELD BOOK NO. 7256	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 184-001397							
<b>CHASTAIN &amp; ASSOCIATES LLC</b> CONSULTING ENGINEERS							
RICO-D-0.21 ROCK ISLAND COUNTY GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL							
sheet no. <b>006</b>							
project no. <b>7266</b>							



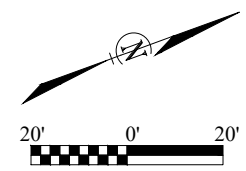


LOCATION NO. D-0.29  
 ADT 350  
 DESIGN SPEED 55 MPH  
 MAJOR COLLECTOR  
 MIN. GUARDRAIL OFFSET EOP = 5 FT

LOCATION NO. D-0.25  
 ADT 350  
 DESIGN SPEED 55 MPH  
 MAJOR COLLECTOR  
 MIN. GUARDRAIL OFFSET EOP = 5 FT

LOCATION_ID	D-0.29	UNITS	QTY
PAY ITEM #	PAY ITEM		
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.04
20200100	EARTH EXCAVATION	CU YD	0
20400800	FURNISHED EXCAVATION	CU YD	0
35101400	AGGREGATE BASE COURSE, TYPE B	TON	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
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0
63200310	GUARDRAIL REMOVAL	LF	137.5
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	0
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	0

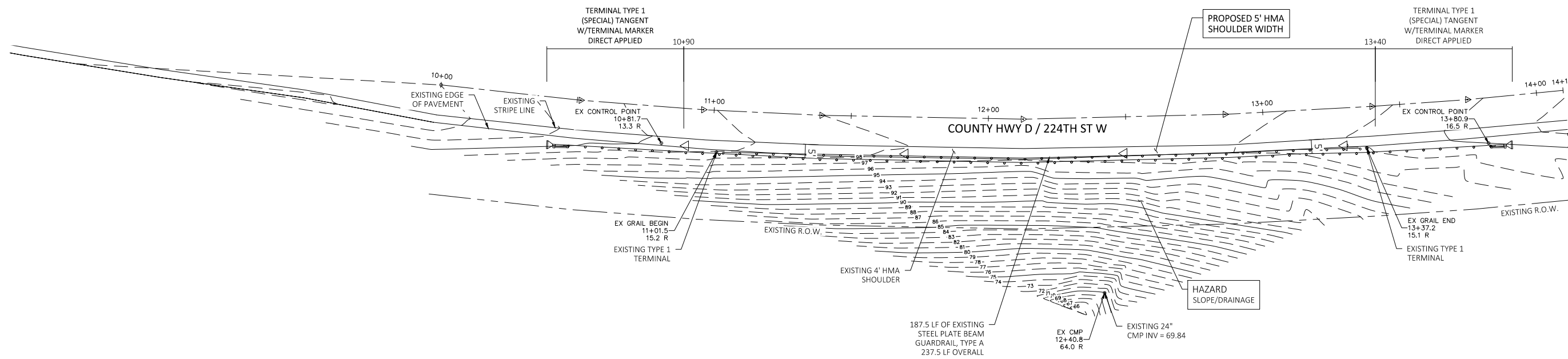
LOCATION_ID	D-0.25	UNITS	QTY
PAY ITEM #	PAY ITEM		
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.13
20200100	EARTH EXCAVATION	CU YD	18
20400800	FURNISHED EXCAVATION	CU YD	34
35101400	AGGREGATE BASE COURSE, TYPE B	TON	15
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	343.8
48203100	HOT MIX ASPHALT SHOULDERS	TON	59.3
48101200	AGGREGATE SHOULDERS, TYPE B	TON	23.20
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	462.5
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
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	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	6



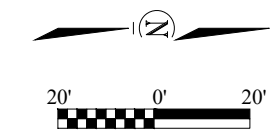
**LEGEND**

	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.	FIELD BOOK NO.	START DATE	DRAWN BY
		7256			MMW/IRF
					CHECKED BY
					BTR
					CS&A REF. NO.
					P&W REF. NO.
					FILE LOCATION
(217) 422-8544 (773) 714-0050 (615) 469-0050 184-001397 DECATUR SCHAUMBURG ROCKFORD <b>CHASTAIN &amp; ASSOCIATES LLC</b> CONSULTING ENGINEERS					
<b>RICO-D-0.25 &amp; D-0.29</b> ROCK ISLAND COUNTY GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL					
sheet no. <b>007</b>					
project no. <b>7266</b>					



LOCATION NO. D-0.48  
 ADT 350  
 DESIGN SPEED 55 MPH  
 MAJOR COLLECTOR  
 MIN. GUARDRAIL OFFSET EOP = 5FT



LOCATION_ID	D-0.48	UNITS	QTY
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.09
20200100	EARTH EXCAVATION	CU YD	10
20400800	FURNISHED EXCAVATION	CU YD	42
35101400	AGGREGATE BASE COURSE, TYPE B	TON	9
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	213.9
48203100	HOT MIX ASPHALT SHOULDERS	TON	36.9
48101200	AGGREGATE SHOULDERS, TYPE B	TON	14.60
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	250
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	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
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0
63200310	GUARDRAIL REMOVAL	LF	237.5
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	4

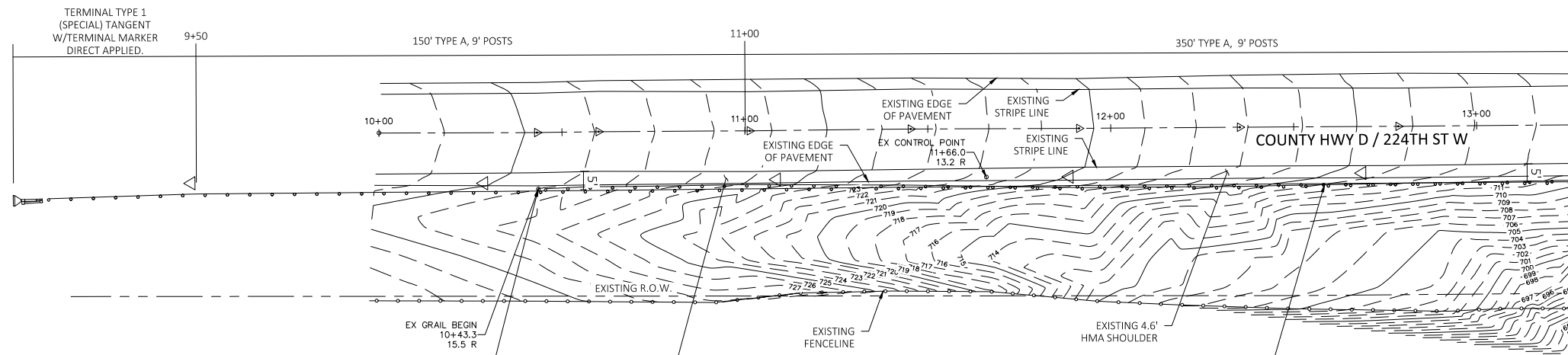
**LEGEND**

	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.	7256
FIELD BOOK NO.	
START DATE	
DRAWN BY	MMW/TRF
CHECKED BY	BTR
C&A REF. NO.	
P&C REF. NO.	
FILE LOCATION	
DECATUR	(217) 422-8544
SCHAUMBURG	(773) 714-0050
ROCKFORD	(815) 469-0050
	184-001397
<b>CHASTAIN &amp; ASSOCIATES LLC</b> CONSULTING ENGINEERS	
RICO-D-0.48	
ROCK ISLAND COUNTY GUARDRAIL IMPROVEMENTS	
ROCK ISLAND COUNTY, IL	
sheet no.	008
project no.	7266

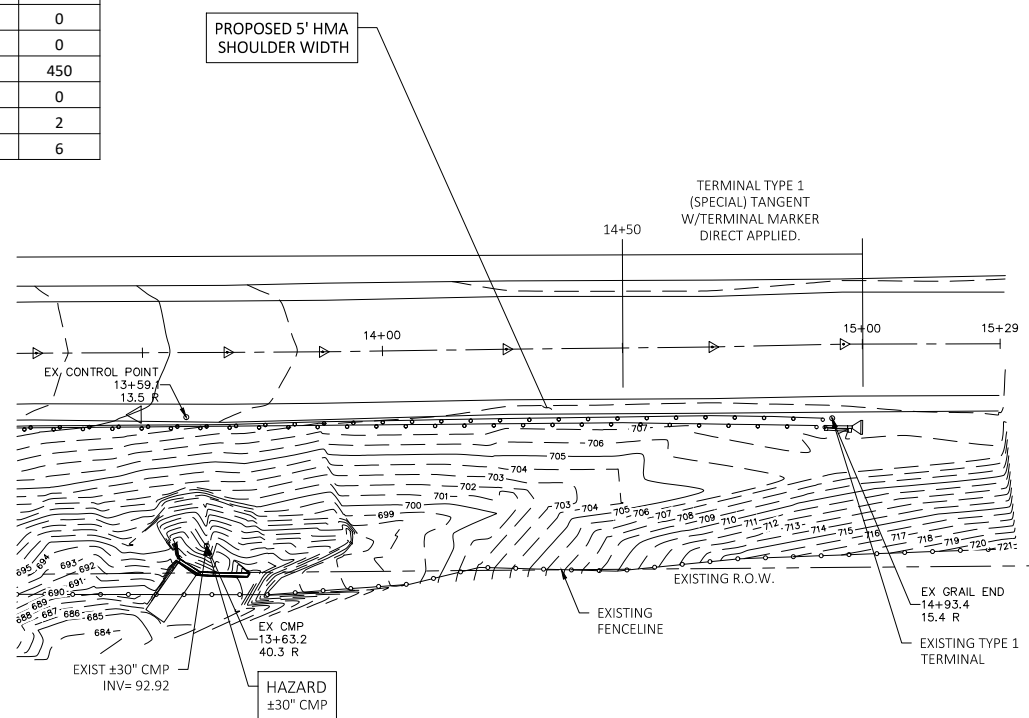
BY	DATE	REVISION/ISSUED



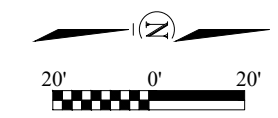


LOCATION_ID	D-0.75		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.14
20200100	EARTH EXCAVATION	CU YD	19
20400800	FURNISHED EXCAVATION	CU YD	33
35101400	AGGREGATE BASE COURSE, TYPE B	TON	16
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	366.7
48203100	HOT MIX ASPHALT SHOULDERS	TON	63.3
48101200	AGGREGATE SHOULDERS, TYPE B	TON	24.70
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	500
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
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0
63200310	GUARDRAIL REMOVAL	LF	450
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	6

LOCATION NO. D-0.75  
 ADT 350  
 DESIGN SPEED 55 MPH  
 MAJOR COLLECTOR  
 GUARDRAIL MIN. OFFSET = 5 FT



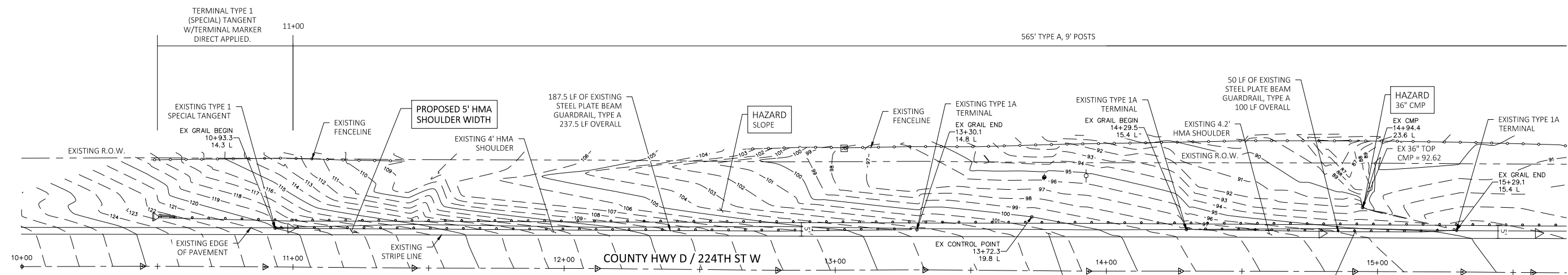
LOCATION NO. D-0.75  
 ADT 350  
 DESIGN SPEED 55 MPH  
 MAJOR COLLECTOR  
 MIN. GUARDRAIL OFFSET EOP = 5 FT



**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. 7256	FIELD BOOK NO.	START DATE	DRAWN BY	CHECKED BY	CSA REF. NO.	PWC REF. NO.	FILE LOCATION
DECATUR (217) 422-8544 SCHAUMBURG (773) 714-0050 ROCKFORD (815) 489-0050 184-001397 <b>CHASTAIN &amp; ASSOCIATES LLC</b> CONSULTING ENGINEERS							
ROCK ISLAND COUNTY GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL							
RICO-D-0.75							
sheet no. 009							
project no. 7266							



LOCATION_ID	D-1.60		UNITS	QTY
PAY ITEM #	PAY ITEM			
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.15	
20200100	EARTH EXCAVATION	CU YD	22	
20400800	FURNISHED EXCAVATION	CU YD	4	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	18	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	375.8	
48203100	HOT MIX ASPHALT SHOULDERS	TON	64.8	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	25.10	
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	565	
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	
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0	
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0	
63200310	GUARDRAIL REMOVAL	LF	237.5	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	1	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	5	

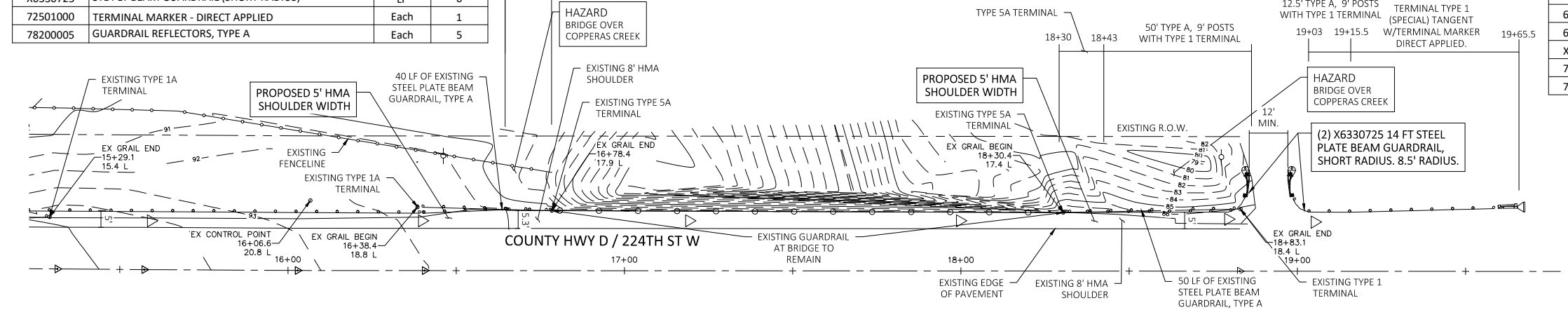
LOCATION NO. D-1.60  
ADT 350  
DESIGN SPEED 55 MPH  
MAJOR COLLECTOR  
MIN. GUARDRAIL OFFSET EOP = 5 FT

LOCATION NO. D-1.58  
ADT 350  
DESIGN SPEED 55 MPH  
MAJOR COLLECTOR  
MIN. GUARDRAIL OFFSET EOP = 5 FT

LOCATION_ID	D-1.58		UNITS	QTY
PAY ITEM #	PAY ITEM			
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.03	
20200100	EARTH EXCAVATION	CU YD	0	
20400800	FURNISHED EXCAVATION	CU YD	0	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	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	
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0	
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0	
63200310	GUARDRAIL REMOVAL	LF	100	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	0	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	0	

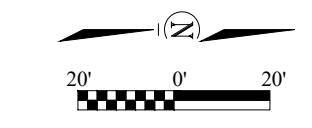
LOCATION NO. D-1.50D  
ADT 350  
DESIGN SPEED 55 MPH  
MAJOR COLLECTOR  
MIN. GUARDRAIL OFFSET EOP = 5 FT

LOCATION NO. D-1.50A  
ADT 350  
DESIGN SPEED 55 MPH  
MAJOR COLLECTOR  
MIN. GUARDRAIL OFFSET EOP = 5 FT



LOCATION_ID	D-1.50D (081-3096)		UNITS	QTY
PAY ITEM #	PAY ITEM			
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.02	
20200100	EARTH EXCAVATION	CU YD	0	
20400800	FURNISHED EXCAVATION	CU YD	0	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	0	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	8.1	
48203100	HOT MIX ASPHALT SHOULDERS	TON	1.4	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	0.50	
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	1	
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0	
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0	
63200310	GUARDRAIL REMOVAL	LF	38.25	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	0	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	0	

LOCATION_ID	D-1.50A (081-3096)		UNITS	QTY
PAY ITEM #	PAY ITEM			
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.06	
20200100	EARTH EXCAVATION	CU YD	0	
20400800	FURNISHED EXCAVATION	CU YD	52	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	0	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	155.1	
48203100	HOT MIX ASPHALT SHOULDERS	TON	26.8	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	10.70	
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	2	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	1	
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	2	
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0	
63200310	GUARDRAIL REMOVAL	LF	50	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	28	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	4	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	4	



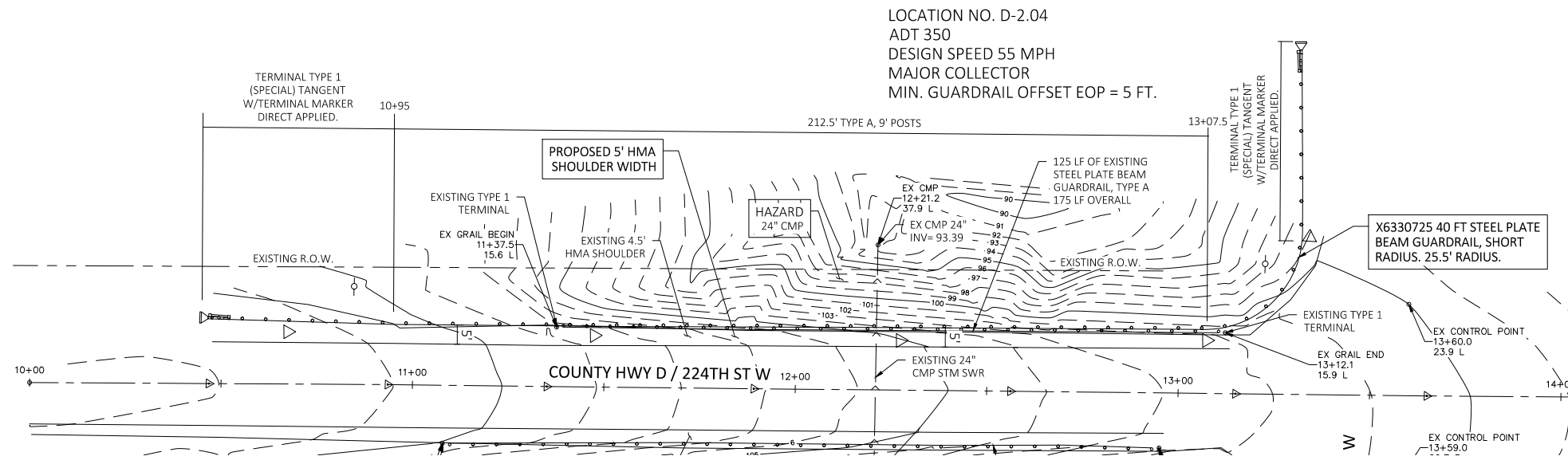
**LEGEND**

	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.	FIELD BOOK NO.	START DATE	DRAWN BY	CHECKED BY	CSA REF. NO.	PWC REF. NO.	FILE LOCATION		
7256	7256	(217) 422-8544	MMW/TRF	BTR	(773) 744-0050	(615) 469-0050	184-001397		
		DECATUR		SCHAMBERG		ROCKFORD		CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS	
RICO-D-1.50A&D-D-1.58_D-1.60		ROCK ISLAND COUNTY		GUARDRAIL IMPROVEMENTS		ROCK ISLAND COUNTY, IL			
		sheet no.		project no.					
		010		7266					

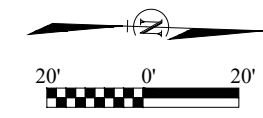






LOCATION NO. D-2.04  
 ADT 350  
 DESIGN SPEED 55 MPH  
 MAJOR COLLECTOR  
 MIN. GUARDRAIL OFFSET EOP = 5 FT.

LOCATION_ID	D-2.04		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.09
20200100	EARTH EXCAVATION	CU YD	10
20400800	FURNISHED EXCAVATION	CU YD	42
35101400	AGGREGATE BASE COURSE, TYPE B	TON	8
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	238.3
48203100	HOT MIX ASPHALT SHOULDERS	TON	41.1
48101200	AGGREGATE SHOULDERS, TYPE B	TON	16.20
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	250
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
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0
63200310	GUARDRAIL REMOVAL	LF	225
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	40
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	5



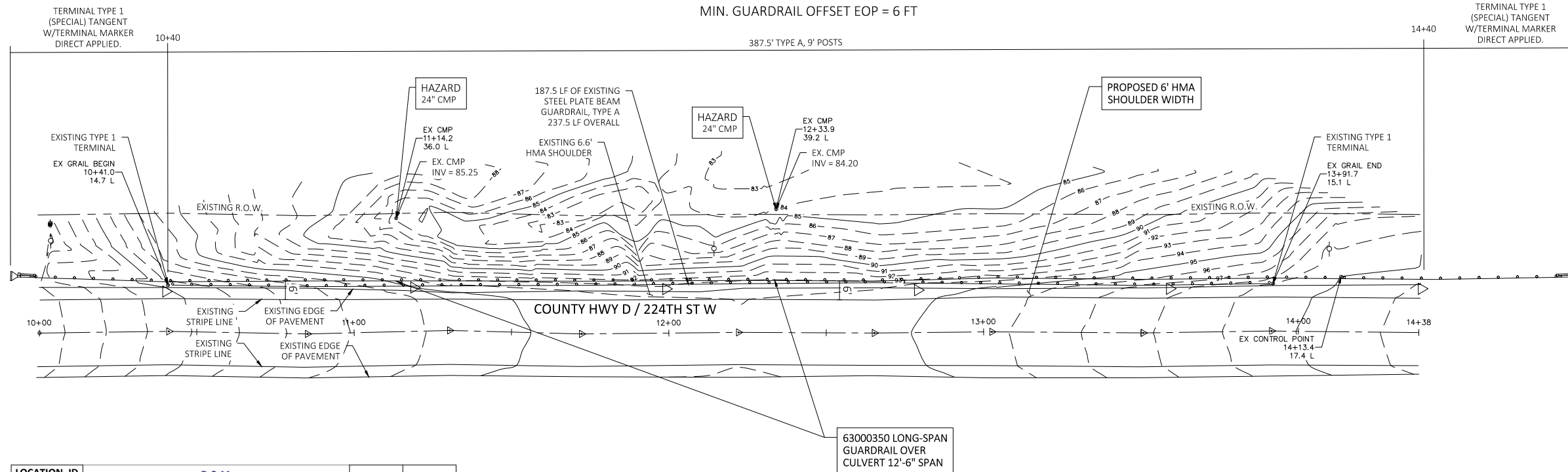
**LEGEND**

	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. 7256	FIELD BOOK NO.	START DATE	DRAWN BY	CHECKED BY	CSA REF. NO.	PWC REF. NO.	FILE LOCATION
			MW/T/RF	BTR			
DECATUR (217) 422-8544 SCHAUMBURG (773) 714-0050 ROCKFORD (815) 489-0050 184-001397 <b>CHASTAIN &amp; ASSOCIATES LLC</b> CONSULTING ENGINEERS							
RICO-D-2.04 ROCK ISLAND COUNTY GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL							
sheet no. <b>012</b>							
project no. <b>7266</b>							

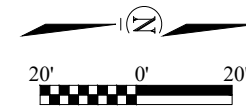


LOCATION NO. D-2.11  
 ADT 350  
 DESIGN SPEED 55 MPH  
 MAJOR COLLECTOR  
 MIN. GUARDRAIL OFFSET EOP = 6 FT



LOCATION_ID	D-2.11		UNITS	QTY
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.12	
20200100	EARTH EXCAVATION	CU YD	0	
20400800	FURNISHED EXCAVATION	CU YD	52	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	0	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	366.7	
48203100	HOT MIX ASPHALT SHOULDERS	TON	63.3	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	20.70	
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	
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0	
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0	
63200310	GUARDRAIL REMOVAL	LF	237.5	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	6	

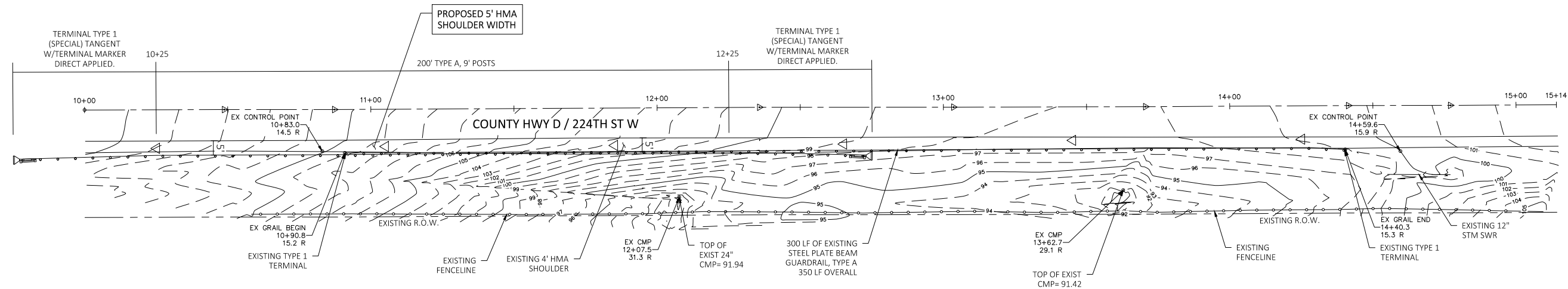
63000350 LONG-SPAN GUARDRAIL OVER CULVERT 12'-6" SPAN



**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
PROJECT NO.	7256	FIELD BOOK NO.		START DATE	
DRAWN BY	MMW/TRF	CHECKED BY	BTR	CSA REF. NO.	
PWC REF. NO.		FILE LOCATION		DECATUR	(217) 422-8544
				SCHAMBURG	(773) 744-0050
				ROCKFORD	(815) 469-0050
				CONSULTING ENGINEERS	184-001397
<b>CHASTAIN &amp; ASSOCIATES LLC</b>					
RICO-D-2.11	ROCK ISLAND COUNTY GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL				
sheet no.	013				
project no.	7266				



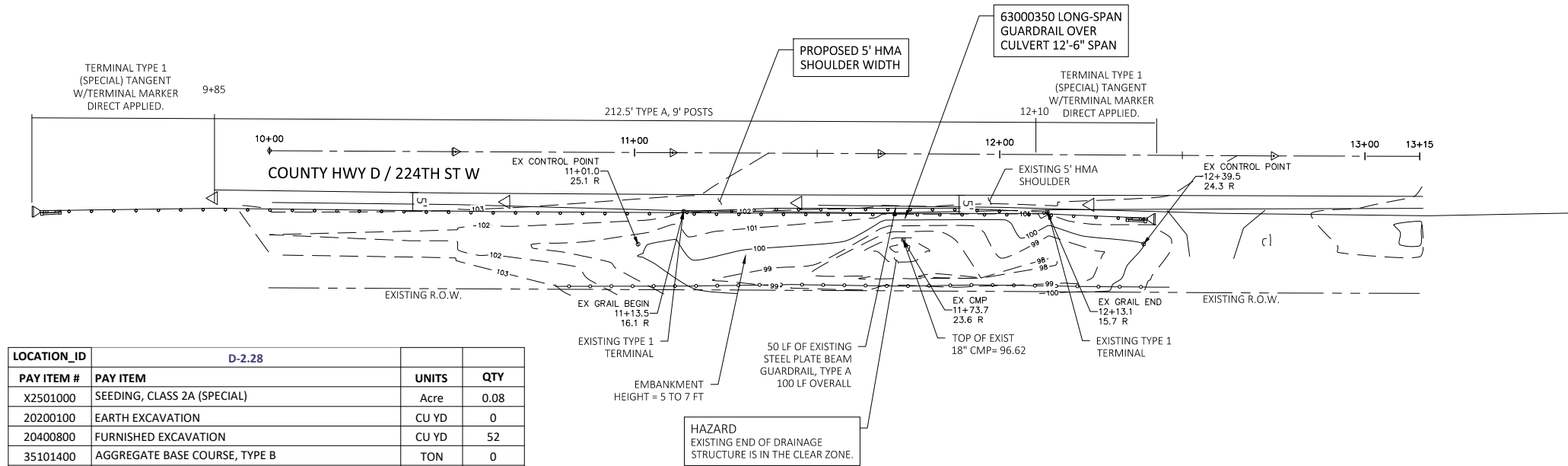
LOCATION_ID	D-2.12		UNITS	QTY
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.06	
20200100	EARTH EXCAVATION	CU YD	8	
20400800	FURNISHED EXCAVATION	CU YD	50	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	7	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	152.8	
48203100	HOT MIX ASPHALT SHOULDERS	TON	26.4	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	10.60	
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	2	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0	
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0	
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0	
63200310	GUARDRAIL REMOVAL	LF	350	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	4	

LOCATION NO. D-2.12  
 ADT 350  
 DESIGN SPEED 55 MPH  
 MAJOR COLLECTOR  
 MIN. GUARDRAIL OFFSET EOP = 5 FT



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.	7256
FIELD BOOK NO.	
START DATE	
DRAWN BY	MW/T/RF
CHECKED BY	BTR
CSA REF. NO.	
PWC REF. NO.	
FILE LOCATION	
DECATUR	(217) 422-8544
SCHAUMBURG	(708) 714-0050
ROCKFORD	(815) 469-0050
	184-001397
<b>CHASTAIN &amp; ASSOCIATES LLC</b>	
CONSULTING ENGINEERS	
RICO-D-2.12	
ROCK ISLAND COUNTY	
GUARDRAIL IMPROVEMENTS	
ROCK ISLAND COUNTY, IL	
sheet no.	014
project no.	7266



LOCATION ID	D-2.28		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.08
20200100	EARTH EXCAVATION	CU YD	0
20400800	FURNISHED EXCAVATION	CU YD	52
35101400	AGGREGATE BASE COURSE, TYPE B	TON	0
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	206.3
48203100	HOT MIX ASPHALT SHOULDERS	TON	35.6
48101200	AGGREGATE SHOULDERS, TYPE B	TON	14.10
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	225
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	12.5
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
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	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	4

LOCATION NO. D-2.28  
 ADT 350  
 DESIGN SPEED 55 MPH  
 MAJOR COLLECTOR  
 MIN. GUARDRAIL OFFSET EOP = 5 FT



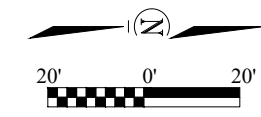
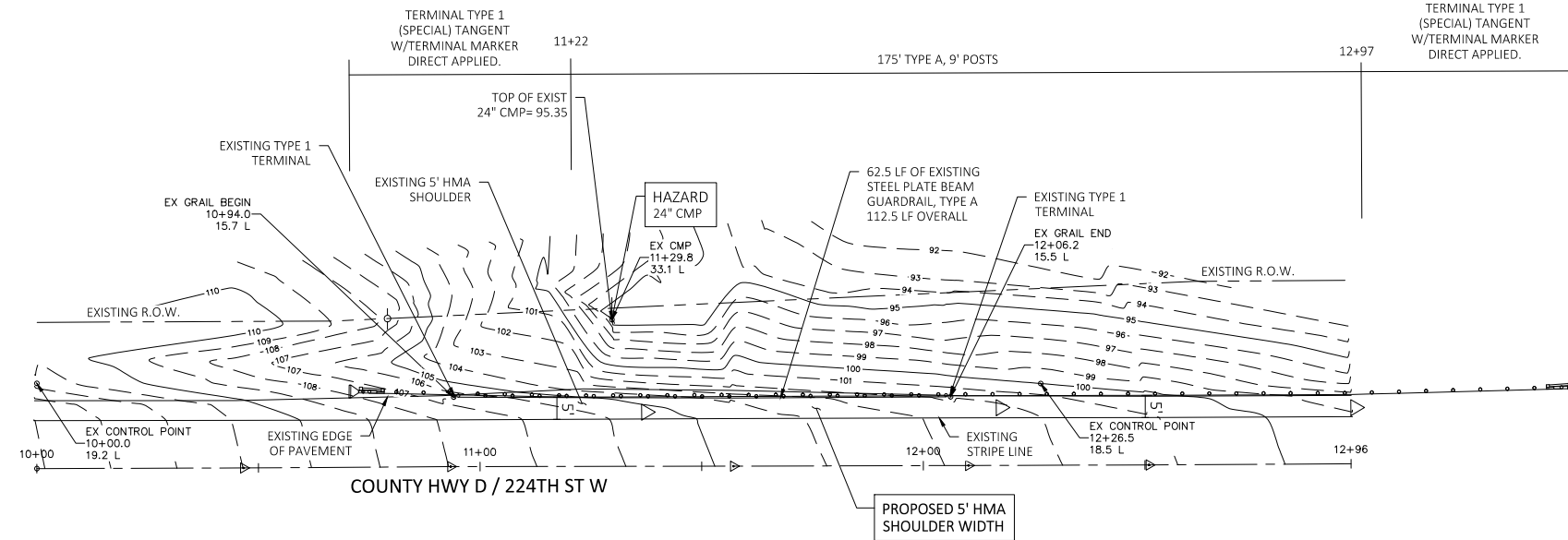
LEGEND	
	EXISTING GUARDRAIL
	EXISTING STORM SEWER
	EXISTING SANITARY SEWER
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING CURB & GUTTER
	EXISTING SIDEWALK
	EXISTING CONTOUR
	EXISTING MANHOLE
	EXISTING LIGHT POLE
	PIN FOUND
	GUARDRAIL REFLECTOR, TYPE A

PROJECT NO. 7296	FIELD BOOK NO.	START DATE	DRAWN BY	CHECKED BY	CSA REF. NO.	PAC REF. NO.	FILE LOCATION
DECATUR (217) 422-8544 SCHAUMBURG (773) 714-0050 ROCKFORD (815) 469-0050 184-001397 <b>CHASTAIN &amp; ASSOCIATES LLC</b> CONSULTING ENGINEERS							
RICO-D-2.28 ROCK ISLAND COUNTY GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL							
sheet no. <b>015</b>							
project no. <b>7266</b>							



LOCATION_ID	D-3.11			
PAY ITEM #	PAY ITEM	UNITS	QTY	
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.06	
20200100	EARTH EXCAVATION	CU YD	0	
20400800	FURNISHED EXCAVATION	CU YD	105	
35101400	AGGREGATE BASE COURSE, TYPE B	TON	0	
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	152.8	
48203100	HOT MIX ASPHALT SHOULDERS	TON	26.4	
48101200	AGGREGATE SHOULDERS, TYPE B	TON	10.60	
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	2	
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0	
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0	
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0	
63200310	GUARDRAIL REMOVAL	LF	112.5	
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0	
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2	
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	3	

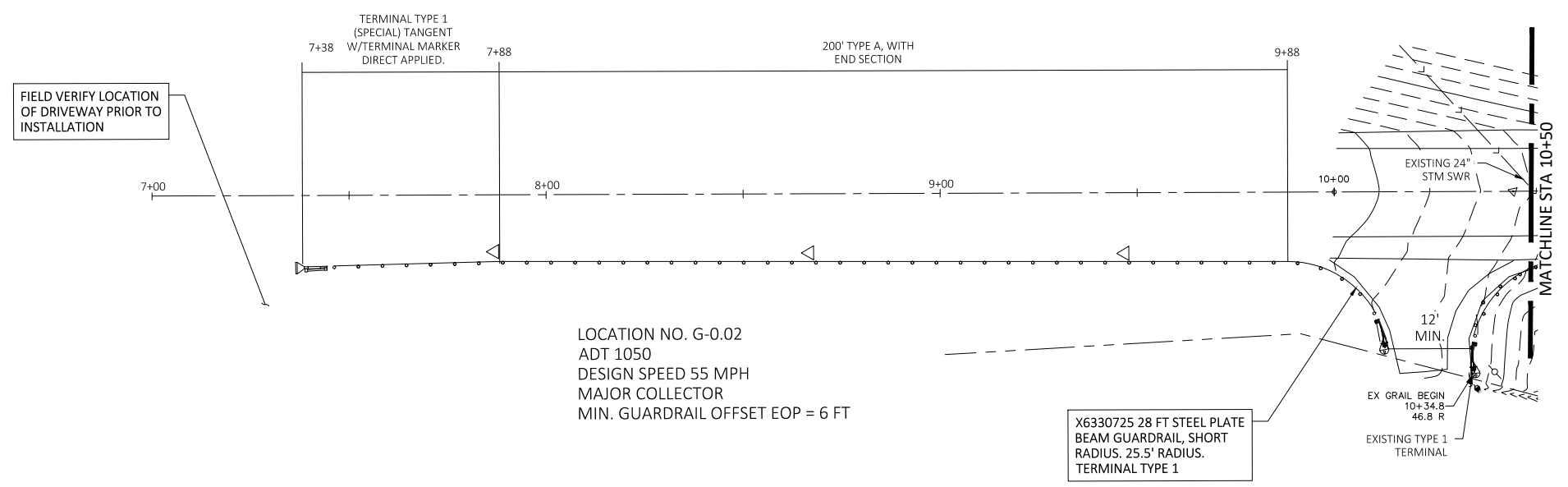
LOCATION NO. D-3.11  
 ADT 350  
 DESIGN SPEED 55 MPH  
 MAJOR COLLECTOR  
 MIN. GUARDRAIL OFFSET EOP = 5FT



**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.	7256
FIELD BOOK NO.	
START DATE	
DRAWN BY	MMW/TRF
CHECKED BY	BTR
CS&A REF. NO.	
P&W REF. NO.	
FILE LOCATION	
DECATUR	(217) 422-8544
SCHAUMBURG	(773) 714-0050
ROCKFORD	(815) 469-0050
	184-001397
<b>CHASTAIN &amp; ASSOCIATES LLC</b>	<b>CONSULTING ENGINEERS</b>
RICO-D-3.11	
ROCK ISLAND COUNTY	
GUARDRAIL IMPROVEMENTS	
ROCK ISLAND COUNTY, IL	
sheet no.	016
project no.	7266



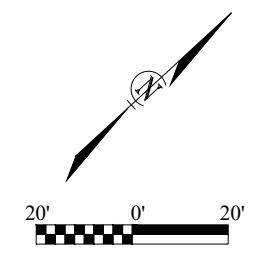
FIELD VERIFY LOCATION OF DRIVEWAY PRIOR TO INSTALLATION

LOCATION NO. G-0.02  
ADT 1050  
DESIGN SPEED 55 MPH  
MAJOR COLLECTOR  
MIN. GUARDRAIL OFFSET EOP = 6 FT

X6330725 28 FT STEEL PLATE BEAM GUARDRAIL, SHORT RADIUS. 25.5' RADIUS. TERMINAL TYPE 1

NOTE:  
SEE NEXT SHEET FOR QUANTITIES

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

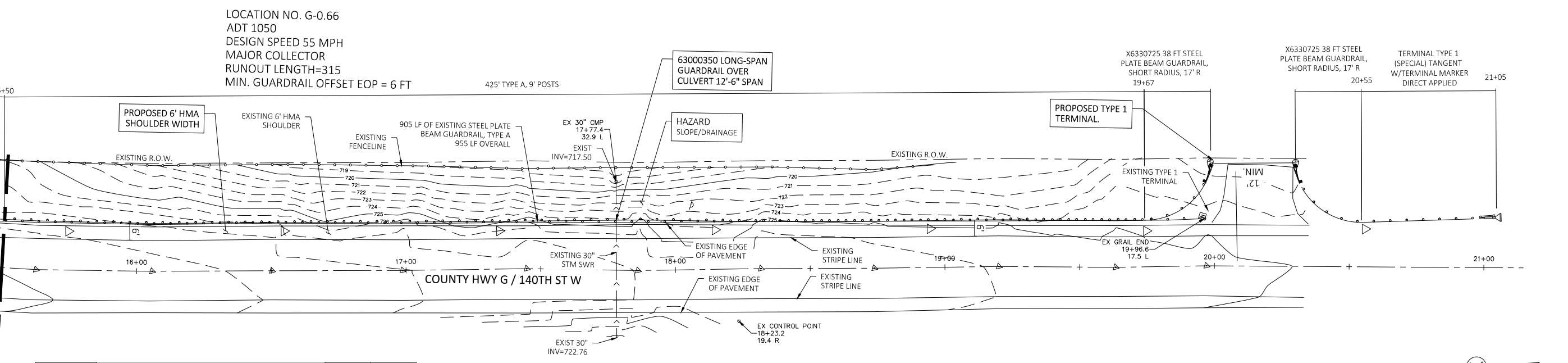
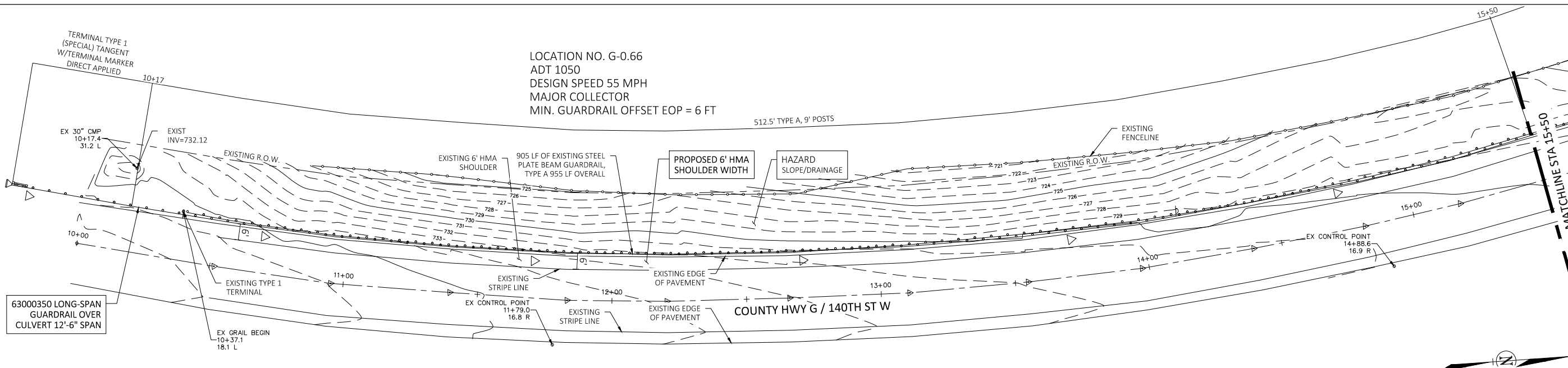


PROJECT NO.	7266
FIELD BOOK NO.	
START DATE	
DRAWN BY	MMW/TRF
CHECKED BY	BTR
CSA REF. NO.	
PWC REF. NO.	
FILE LOCATION	
DECATUR SCHAUMBURG ROCKFORD	(217) 422-8544 (773) 714-0050 (815) 489-0050 184-001397
<b>CHASTAIN &amp; ASSOCIATES LLC</b> CONSULTING ENGINEERS	
RICO-G-0.02	
ROCK ISLAND COUNTY GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL	
sheet no.	017
project no.	7266
BY	DATE
REVISION/ISSUED	





LOCATION NO. G-0.66  
 ADT 1050  
 DESIGN SPEED 55 MPH  
 MAJOR COLLECTOR  
 MIN. GUARDRAIL OFFSET EOP = 6 FT



LOCATION NO. G-0.66  
 ADT 1050  
 DESIGN SPEED 55 MPH  
 MAJOR COLLECTOR  
 RUNOUT LENGTH=315  
 MIN. GUARDRAIL OFFSET EOP = 6 FT

LOCATION_ID	G-0.66		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.35
20200100	EARTH EXCAVATION	CU YD	0
20400800	FURNISHED EXCAVATION	CU YD	52
35101400	AGGREGATE BASE COURSE, TYPE B	TON	0
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	1091.6
48203100	HOT MIX ASPHALT SHOULDERS	TON	188.3
48101200	AGGREGATE SHOULDERS, TYPE B	TON	60.50
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	1250
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	12.5
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
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	2
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0
63200310	GUARDRAIL REMOVAL	LF	950
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	76
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	4
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	13

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

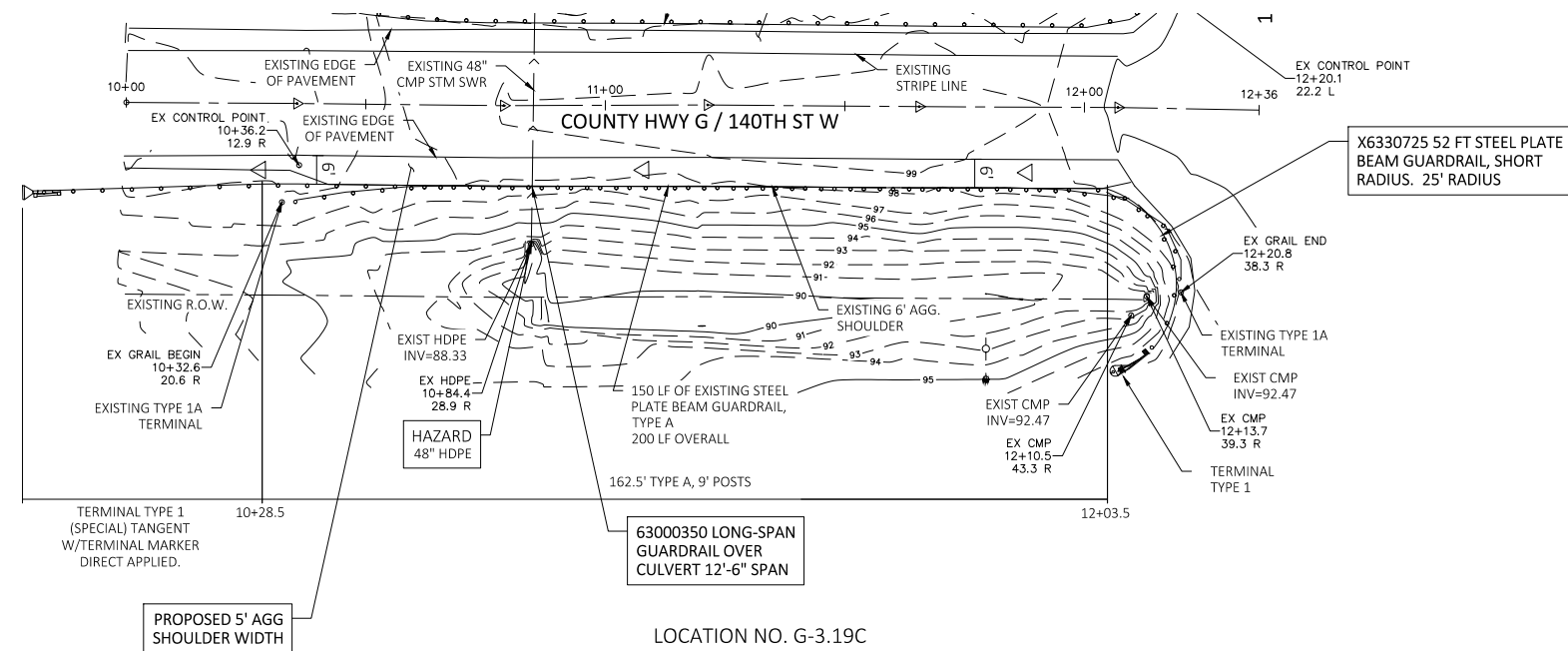
PROJECT NO.	7296
FIELD BOOK NO.	
START DATE	
DRAWN BY	MMW/TRF
CHECKED BY	BTR
CSA REF. NO.	
PWC REF. NO.	
FILE LOCATION	

(217) 422-8544  
 (773) 714-0050  
 (615) 469-0050  
 184-001397

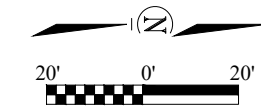
CHASTAIN  
 & ASSOCIATES LLC  
 CONSULTING ENGINEERS

RICO-G-0.66	ROCK ISLAND COUNTY GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL
sheet no.	019
project no.	7266

LOCATION_ID	G-3.19C		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.08
20200100	EARTH EXCAVATION	CU YD	0
20400800	FURNISHED EXCAVATION	CU YD	26
35101400	AGGREGATE BASE COURSE, TYPE B	TON	0
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0
48203100	HOT MIX ASPHALT SHOULDERS	TON	0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	51.00
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	175
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	12.5
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
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	1
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0
63200310	GUARDRAIL REMOVAL	LF	200
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	52
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	3

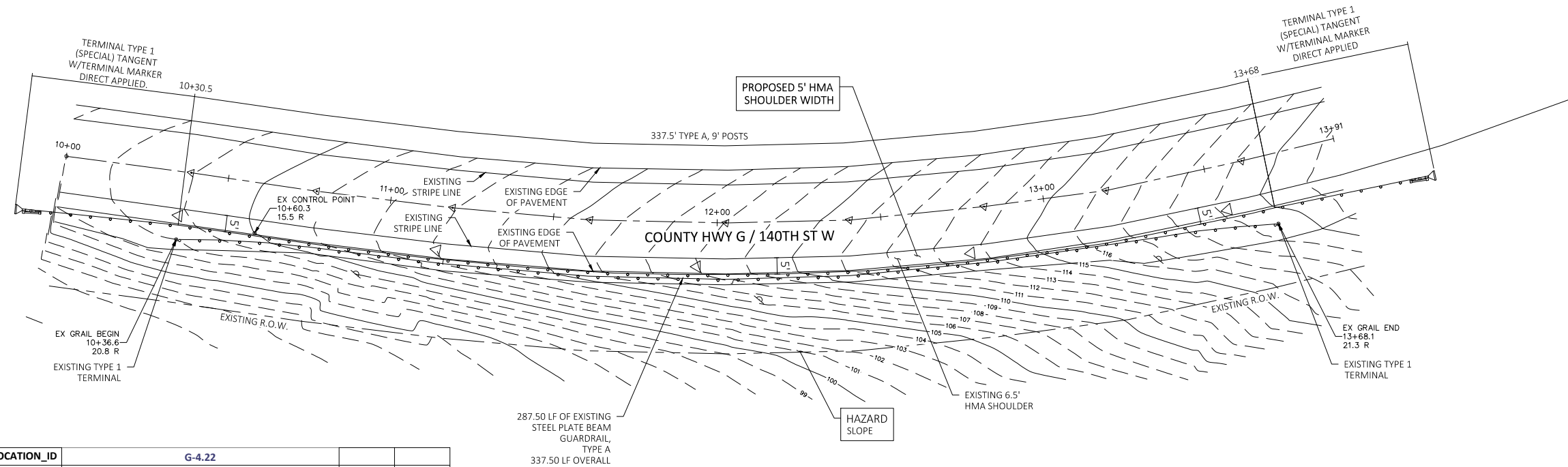


LOCATION NO. G-3.19C  
 ADT 600  
 DESIGN SPEED 55 MPH  
 MAJOR COLLECTOR  
 MIN. GUARDRAIL OFFSET EOP = 6 FT



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

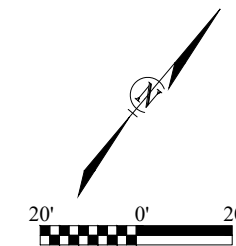
PROJECT NO. 7256	FIELD BOOK NO.	START DATE	DRAWN BY	CHECKED BY	CSA REF. NO.	PWC REF. NO.	FILE LOCATION
DECATUR (217) 422-8544 SCHAUMBURG (773) 714-0050 ROCKFORD (815) 469-0050 184-001397							
<b>CHASTAIN &amp; ASSOCIATES LLC</b> CONSULTING ENGINEERS							
RICO-G-3.19C ROCK ISLAND COUNTY GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL							
sheet no. <b>020</b>							
project no. <b>7266</b>							



LOCATION_ID	G-4.22		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.11
20200100	EARTH EXCAVATION	CU YD	0
20400800	FURNISHED EXCAVATION	CU YD	52
35101400	AGGREGATE BASE COURSE, TYPE B	TON	0
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	267.4
48203100	HOT MIX ASPHALT SHOULDERS	TON	46.1
48101200	AGGREGATE SHOULDERS, TYPE B	TON	18.20
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	337.5
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
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0
63200310	GUARDRAIL REMOVAL	LF	287.5
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	5

287.50 LF OF EXISTING  
STEEL PLATE BEAM  
GUARDRAIL,  
TYPE A  
337.50 LF OVERALL

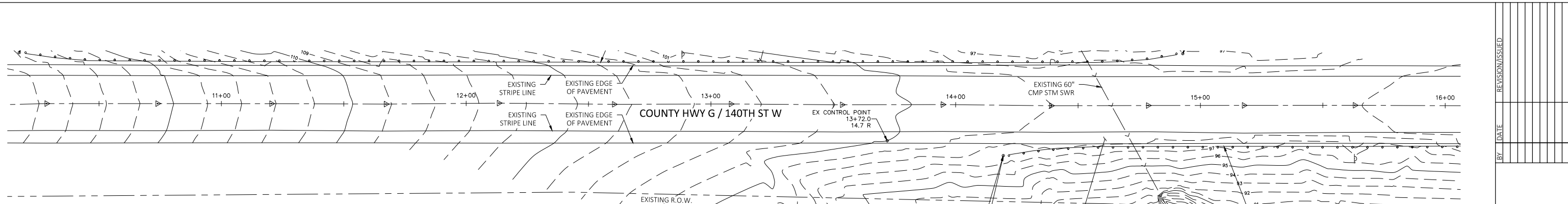
LOCATION NO. G-4.22  
ADT 600  
DESIGN SPEED 55 MPH  
MAJOR COLLECTOR  
MIN. GUARDRAIL OFFSET EOP = 5 FT



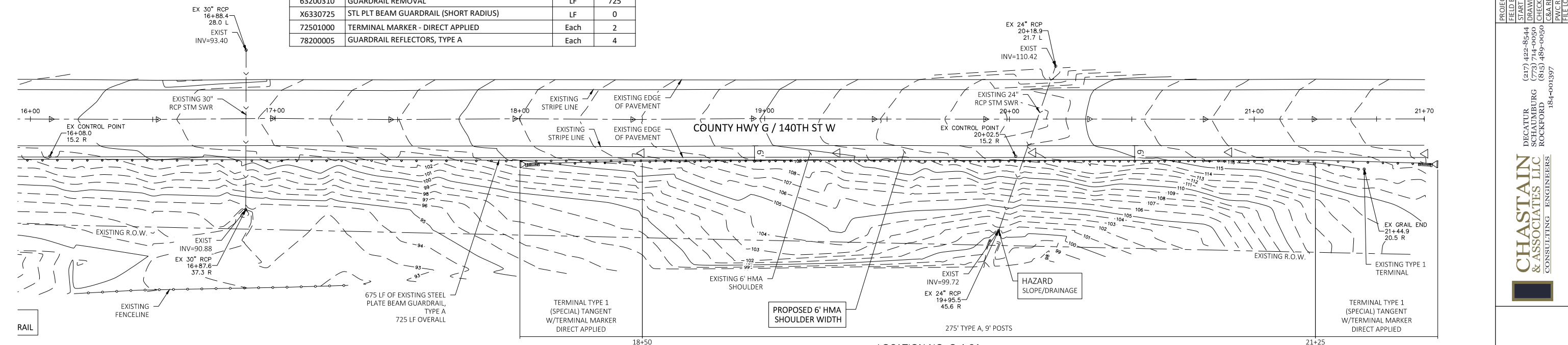
LEGEND	
	EXISTING GUARDRAIL
	EXISTING STORM SEWER
	EXISTING SANITARY SEWER
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING CURB & GUTTER
	EXISTING SIDEWALK
	EXISTING CONTOUR
	EXISTING MANHOLE
	EXISTING LIGHT POLE
	PIN FOUND
	GUARDRAIL REFLECTOR, TYPE A

PROJECT NO. 7256	FIELD BOOK NO.	START DATE	DRAWN BY	CHECKED BY	CSA REF. NO.	PAC REF. NO.	FILE LOCATION
DECATUR (217) 422-8544 SCHAUMBURG (773) 714-0050 ROCKFORD (815) 489-0050 184-001397 <b>CHASTAIN &amp; ASSOCIATES LLC</b> CONSULTING ENGINEERS							
RICO-G-4.22 ROCK ISLAND COUNTY GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL							
sheet no. <b>021</b>							
project no. <b>7266</b>							





LOCATION_ID	G-4.64		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.09
20200100	EARTH EXCAVATION	CU YD	0
20400800	FURNISHED EXCAVATION	CU YD	52
35101400	AGGREGATE BASE COURSE, TYPE B	TON	0
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	275
48203100	HOT MIX ASPHALT SHOULDERS	TON	47.4
48101200	AGGREGATE SHOULDERS, TYPE B	TON	15.60
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	275
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
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0
63200310	GUARDRAIL REMOVAL	LF	725
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	4



LOCATION NO. G-4.64  
 ADT 600  
 DESIGN SPEED 55 MPH  
 MAJOR COLLECTOR  
 MIN. GUARDRAIL OFFSET EOP = 6 FT



**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

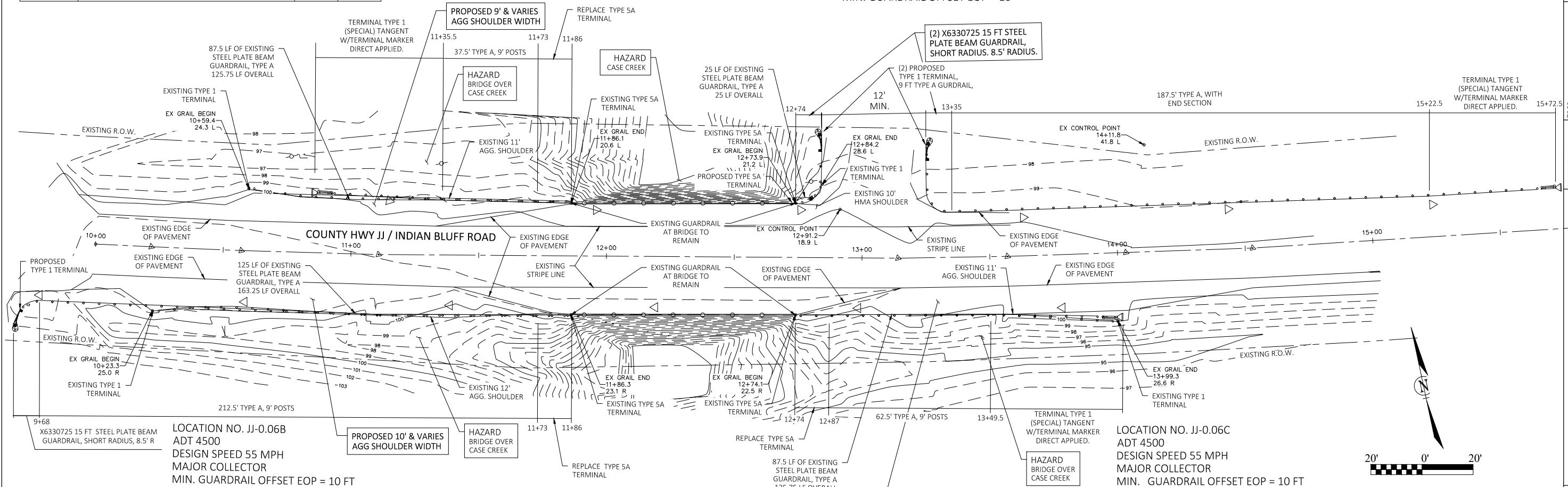
PROJECT NO. 7256	FIELD BOOK NO.	START DATE	DRAWN BY	CHECKED BY	C&A REF. NO.	P&C REF. NO.	FILE LOCATION
REVISION/ISSUED	BY	DATE	MM/TT/YY	BTR	184-001397		
DECATUR (217) 422-8544 SCHAMBURG (773) 744-0050 ROCKFORD (815) 489-0050 CHASTAIN & ASSOCIATES LLC CONSULTING ENGINEERS							
<b>CHASTAIN &amp; ASSOCIATES LLC</b> CONSULTING ENGINEERS							
RICO-G-4.64 ROCK ISLAND COUNTY GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL							
sheet no. <b>022</b>							
project no. <b>7266</b>							

LOCATION_ID	JJ-0.06A (081-3090)		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.03
20200100	EARTH EXCAVATION	CU YD	0
20400800	FURNISHED EXCAVATION	CU YD	26
35101400	AGGREGATE BASE COURSE, TYPE B	TON	0
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
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0
63200310	GUARDRAIL REMOVAL	LF	125.75
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
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.09
20200100	EARTH EXCAVATION	CU YD	0
20400800	FURNISHED EXCAVATION	CU YD	26
35101400	AGGREGATE BASE COURSE, TYPE B	TON	0
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0
48203100	HOT MIX ASPHALT SHOULDERS	TON	0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	86.30
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
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	2
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0
63200310	GUARDRAIL REMOVAL	LF	25
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	30
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	3
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
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.07
20200100	EARTH EXCAVATION	CU YD	0
20400800	FURNISHED EXCAVATION	CU YD	26
35101400	AGGREGATE BASE COURSE, TYPE B	TON	0
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0
48203100	HOT MIX ASPHALT SHOULDERS	TON	0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	73.00
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
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	1
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0
63200310	GUARDRAIL REMOVAL	LF	162.5
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	0
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	2

LOCATION_ID	JJ-0.06C (081-3090)		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.04
20200100	EARTH EXCAVATION	CU YD	0
20400800	FURNISHED EXCAVATION	CU YD	26
35101400	AGGREGATE BASE COURSE, TYPE B	TON	0
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0
48203100	HOT MIX ASPHALT SHOULDERS	TON	0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	34.30
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
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0
63200310	GUARDRAIL REMOVAL	LF	87.5
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	15
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	1
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	2

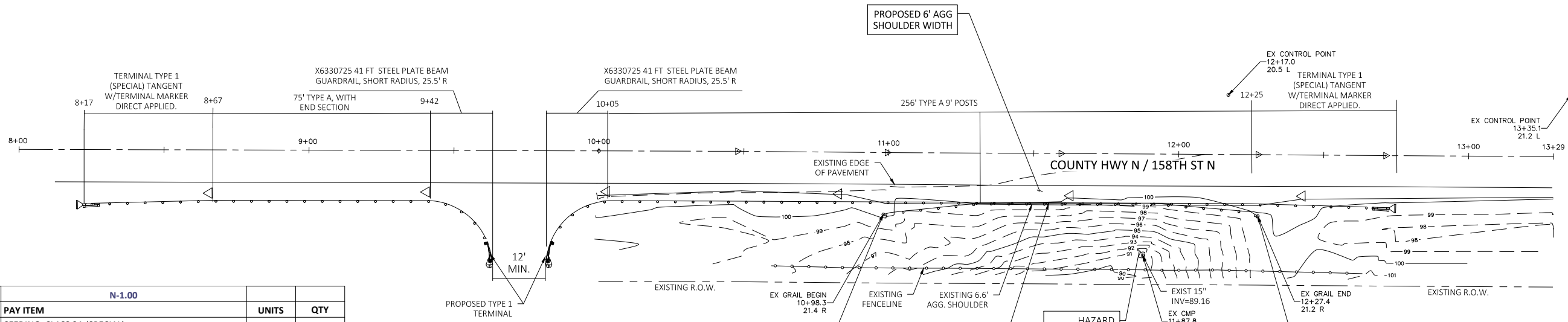
**LEGEND**

- 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
7256	
PROJECT NO.	7256
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) 714-0050
ROCKFORD	(815) 489-0050
	184-001397
<b>CHASTAIN &amp; ASSOCIATES LLC</b> CONSULTING ENGINEERS	
RICO-JJ-0.06 A-D	
ROCK ISLAND COUNTY GUARDRAIL IMPROVEMENTS	
ROCK ISLAND COUNTY, IL	
sheet no.	023
project no.	7266







LOCATION_ID	N-1.00		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.13
20200100	EARTH EXCAVATION	CU YD	0
20400800	FURNISHED EXCAVATION	CU YD	52
35101400	AGGREGATE BASE COURSE, TYPE B	TON	0
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0
48203100	HOT MIX ASPHALT SHOULDERS	TON	0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	80.00
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	331
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
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	2
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0
63200310	GUARDRAIL REMOVAL	LF	125
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	82
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	4
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	6

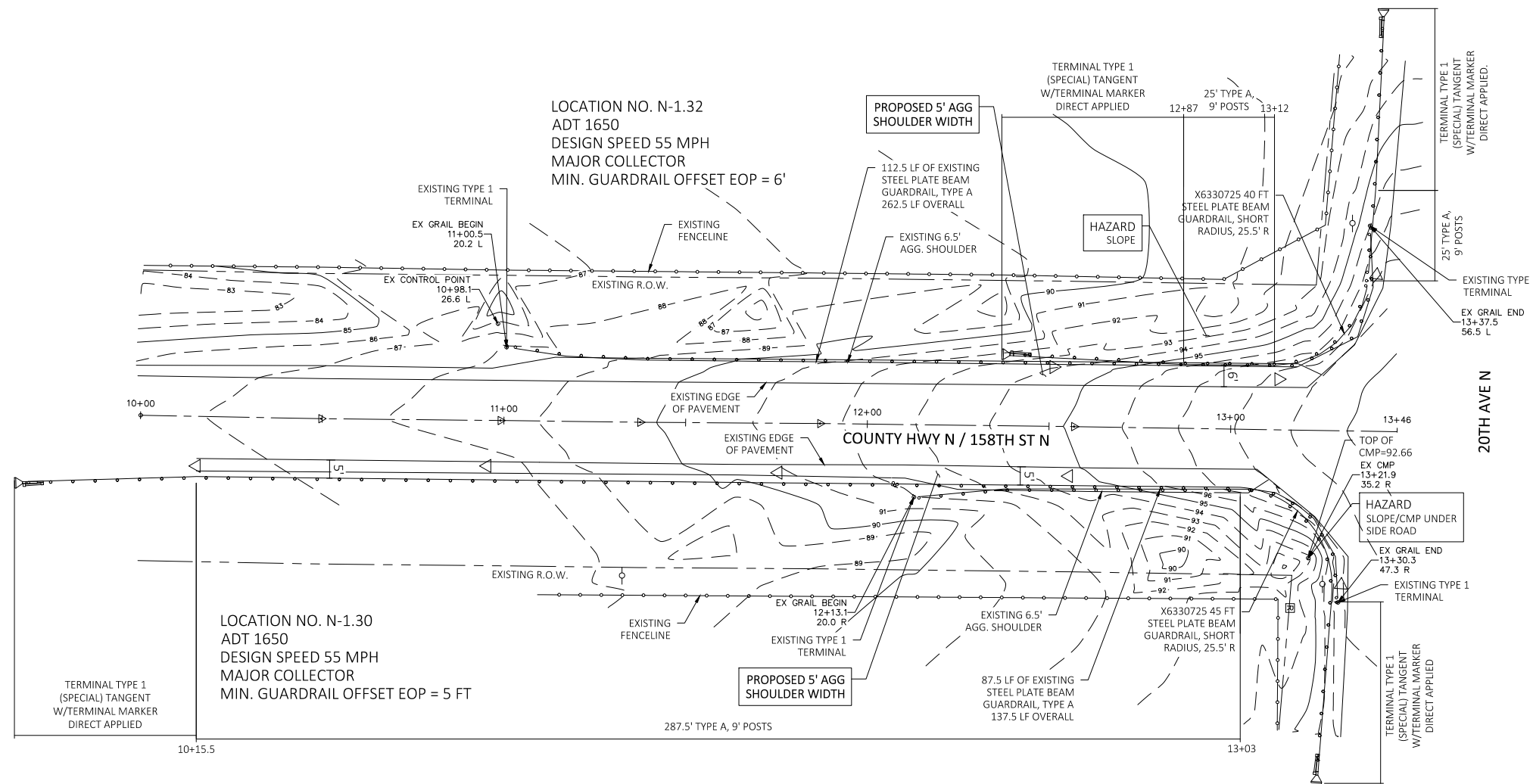
LOCATION NO. N-1.00  
 ADT 1650  
 DESIGN SPEED 55 MPH  
 MAJOR COLLECTOR  
 MIN. GUARDRAIL OFFSET EOP = 6 FT



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. 7256	FIELD BOOK NO.	START DATE	DRAWN BY	CHECKED BY	CSA REF. NO.	PAC REF. NO.	FILE LOCATION
DECATUR (217) 422-8544 SCHAUMBURG (773) 714-0050 ROCKFORD (815) 469-0050 184-001397							
<b>CHASTAIN &amp; ASSOCIATES LLC</b> CONSULTING ENGINEERS							
RICO-N-1.00	ROCK ISLAND COUNTY GUARDRAIL IMPROVEMENTS						ROCK ISLAND COUNTY, IL
sheet no. 025							
project no. 7266							





LOCATION_ID	N-1.30		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.05
20200100	EARTH EXCAVATION	CU YD	0
20400800	FURNISHED EXCAVATION	CU YD	52
35101400	AGGREGATE BASE COURSE, TYPE B	TON	0
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0
48203100	HOT MIX ASPHALT SHOULDERS	TON	0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	28.00
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	2
63100075	TRAFFIC BARRIER TERMINAL, TYPE 5A	Each	0
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0
63200310	GUARDRAIL REMOVAL	LF	112.5
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	45
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	1

LOCATION_ID	N-1.32		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.1
20200100	EARTH EXCAVATION	CU YD	0
20400800	FURNISHED EXCAVATION	CU YD	52
35101400	AGGREGATE BASE COURSE, TYPE B	TON	0
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0
48203100	HOT MIX ASPHALT SHOULDERS	TON	0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	60.90
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	287.5
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
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0
63200310	GUARDRAIL REMOVAL	LF	137.5
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	40
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	4

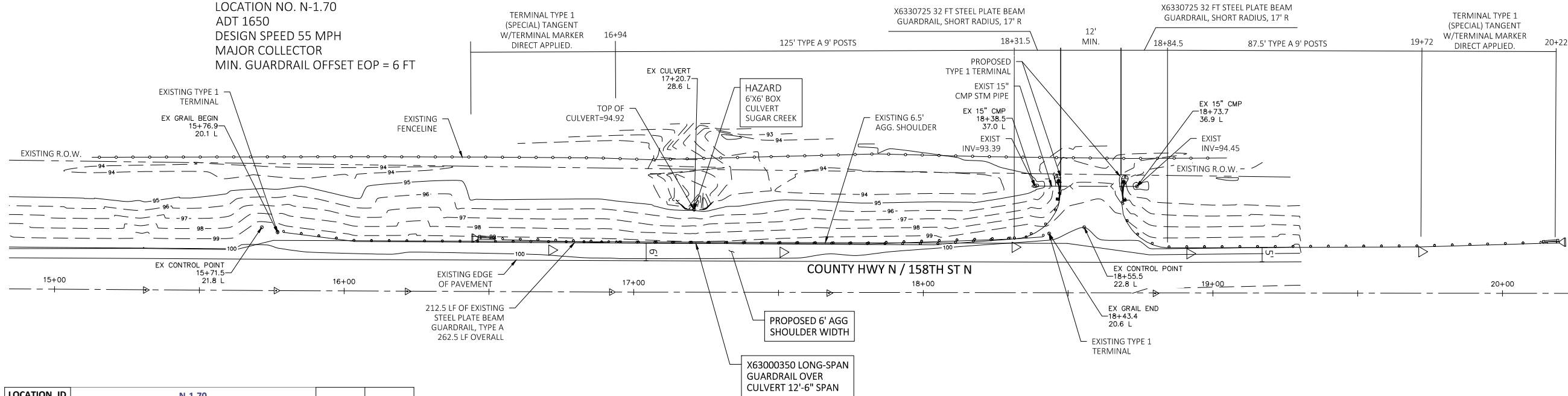
**LEGEND**

	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

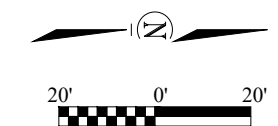
PROJECT NO.	7256
FIELD BOOK NO.	
START DATE	
DRAWN BY	MW/T/RF
CHECKED BY	BTR
CS&A REF. NO.	
P&W REF. NO.	
FILE LOCATION	
DECATUR	(217) 422-8544
SCHAUMBURG	(773) 714-0050
ROCKFORD	(815) 469-0050
	184-001397
<b>CHASTAIN &amp; ASSOCIATES LLC</b> CONSULTING ENGINEERS	
RICO-N-1.30 & N-1.32 ROCK ISLAND COUNTY GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL	
sheet no.	027
project no.	7266



LOCATION NO. N-1.70  
 ADT 1650  
 DESIGN SPEED 55 MPH  
 MAJOR COLLECTOR  
 MIN. GUARDRAIL OFFSET EOP = 6 FT



LOCATION_ID	N-1.70		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.06
20200100	EARTH EXCAVATION	CU YD	0
20400800	FURNISHED EXCAVATION	CU YD	26
35101400	AGGREGATE BASE COURSE, TYPE B	TON	0
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0
48203100	HOT MIX ASPHALT SHOULDERS	TON	0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	36.50
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	137.5
63000350	LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	12.5
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
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	1
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0
63200310	GUARDRAIL REMOVAL	LF	262.5
X6330725	STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	32
72501000	TERMINAL MARKER - DIRECT APPLIED	Each	2
78200005	GUARDRAIL REFLECTORS, TYPE A	Each	2



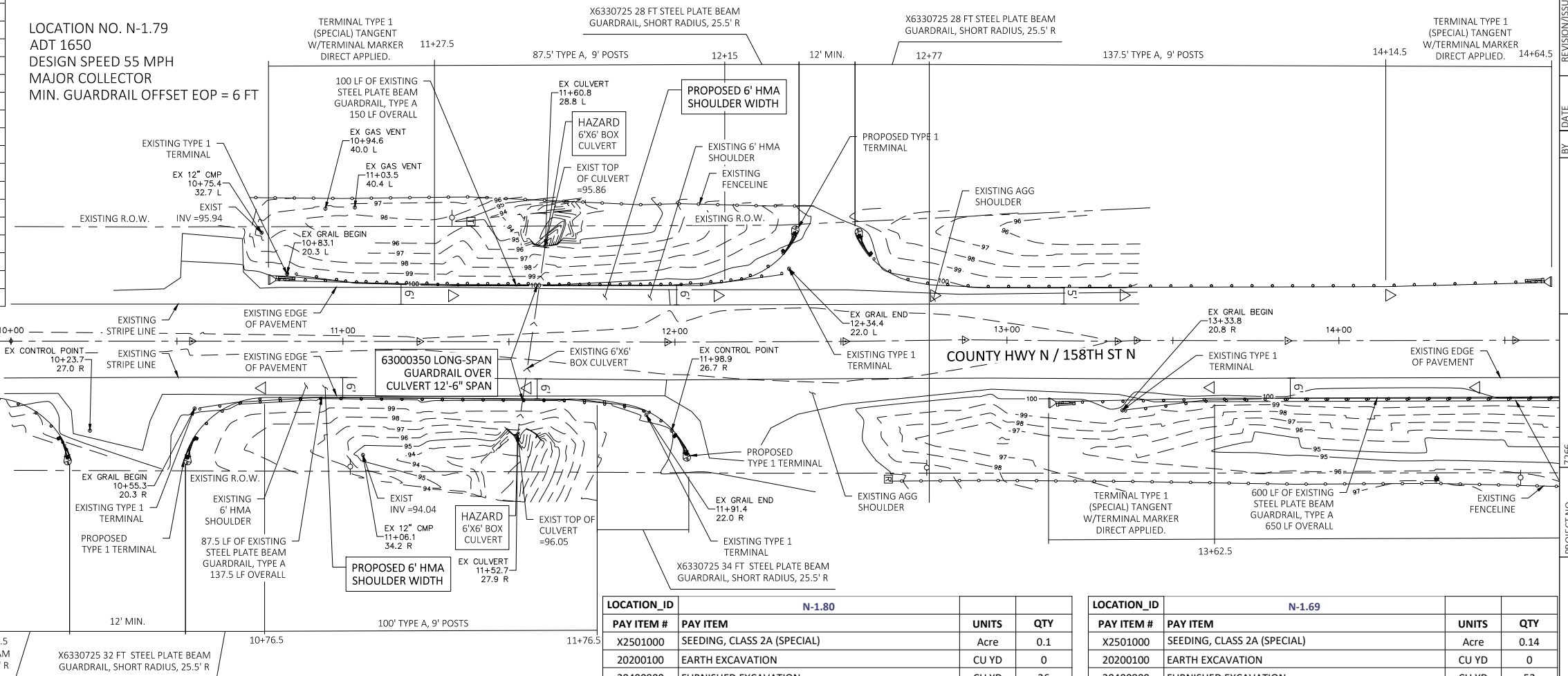
**LEGEND**

	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

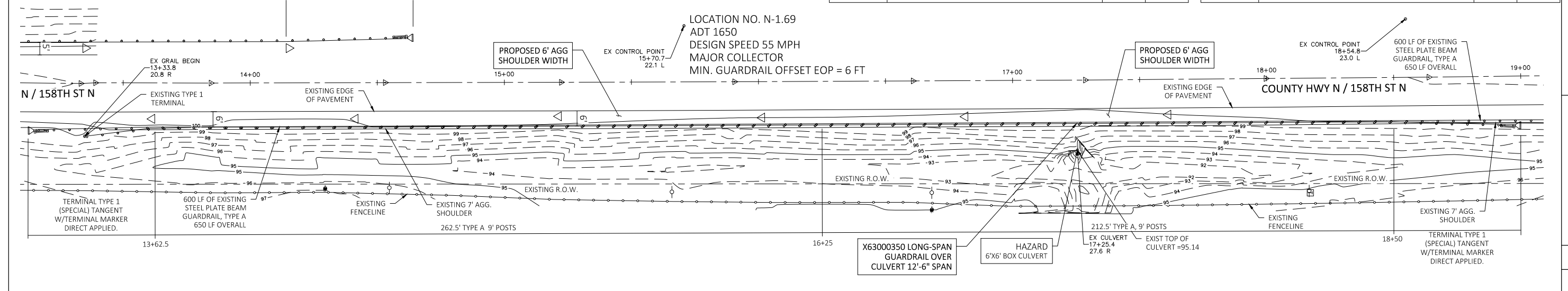
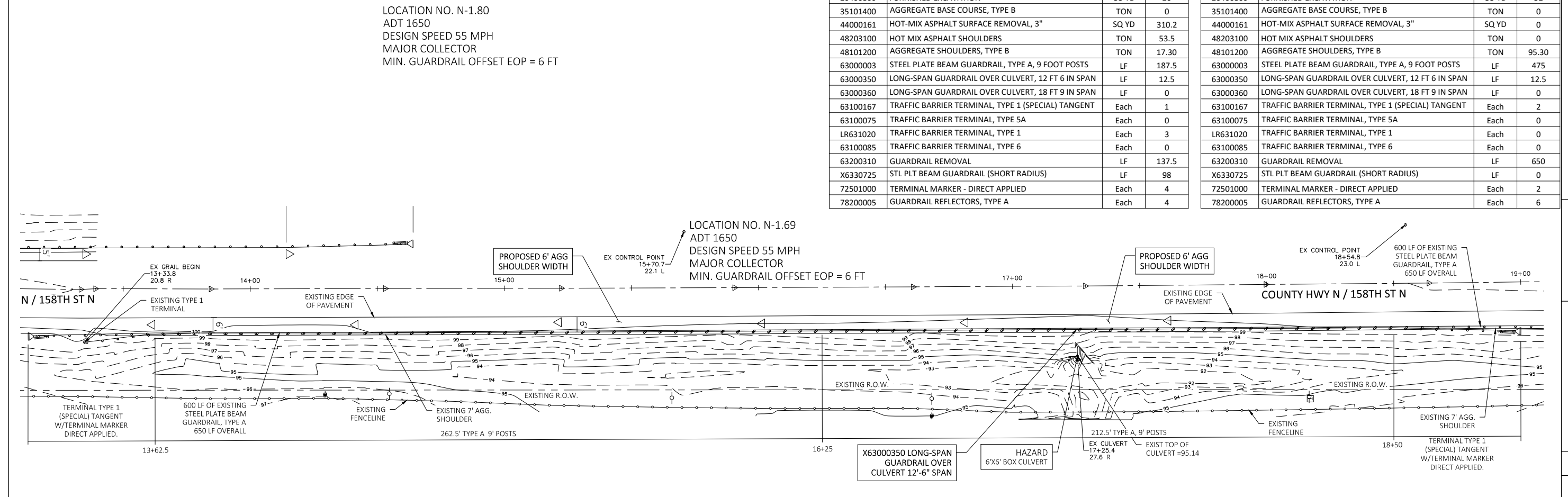
PROJECT NO. 7256	FIELD BOOK NO.	START DATE	DRAWN BY	CHECKED BY	CSA REF. NO.	PWC REF. NO.	FILE LOCATION
			MM/TT/RR	BTR			
DECATUR (217) 422-8544 SCHAUMBURG (773) 714-0050 ROCKFORD (815) 469-0050 184-001397 <b>CHASTAIN &amp; ASSOCIATES LLC</b> CONSULTING ENGINEERS							
RICO-N-1.70 ROCK ISLAND COUNTY GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL							
sheet no. <b>028</b> project no. 7266							

LOCATION_ID	N-1.79		UNITS	QTY
X2501000	PAY ITEM #	PAY ITEM		
20200100		SEEDING, CLASS 2A (SPECIAL)	Acre	0.11
20200100		EARTH EXCAVATION	CU YD	0
20400800		FURNISHED EXCAVATION	CU YD	52
35101400		AGGREGATE BASE COURSE, TYPE B	TON	0
44000161		HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	325.2
48203100		HOT MIX ASPHALT SHOULDERS	TON	56.1
48101200		AGGREGATE SHOULDERS, TYPE B	TON	18.40
63000003		STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	225
63000350		LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	12.5
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
LR631020		TRAFFIC BARRIER TERMINAL, TYPE 1	Each	2
63100085		TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0
63200310		GUARDRAIL REMOVAL	LF	150
X6330725		STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	56
72501000		TERMINAL MARKER - DIRECT APPLIED	Each	4
78200005		GUARDRAIL REFLECTORS, TYPE A	Each	5

LOCATION NO. N-1.79  
ADT 1650  
DESIGN SPEED 55 MPH  
MAJOR COLLECTOR  
MIN. GUARDRAIL OFFSET EOP = 6 FT



LOCATION NO. N-1.80  
ADT 1650  
DESIGN SPEED 55 MPH  
MAJOR COLLECTOR  
MIN. GUARDRAIL OFFSET EOP = 6 FT



LOCATION_ID	N-1.80		UNITS	QTY
X2501000	PAY ITEM #	PAY ITEM		
20200100		SEEDING, CLASS 2A (SPECIAL)	Acre	0.1
20200100		EARTH EXCAVATION	CU YD	0
20400800		FURNISHED EXCAVATION	CU YD	26
35101400		AGGREGATE BASE COURSE, TYPE B	TON	0
44000161		HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	310.2
48203100		HOT MIX ASPHALT SHOULDERS	TON	53.5
48101200		AGGREGATE SHOULDERS, TYPE B	TON	17.30
63000003		STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	187.5
63000350		LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	12.5
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
LR631020		TRAFFIC BARRIER TERMINAL, TYPE 1	Each	3
63100085		TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0
63200310		GUARDRAIL REMOVAL	LF	137.5
X6330725		STL PLT BEAM GUARDRAIL (SHORT RADIUS)	LF	98
72501000		TERMINAL MARKER - DIRECT APPLIED	Each	4
78200005		GUARDRAIL REFLECTORS, TYPE A	Each	4

LOCATION_ID	N-1.69		UNITS	QTY
X2501000	PAY ITEM #	PAY ITEM		
20200100		SEEDING, CLASS 2A (SPECIAL)	Acre	0.14
20200100		EARTH EXCAVATION	CU YD	0
20400800		FURNISHED EXCAVATION	CU YD	52
35101400		AGGREGATE BASE COURSE, TYPE B	TON	0
44000161		HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0
48203100		HOT MIX ASPHALT SHOULDERS	TON	0
48101200		AGGREGATE SHOULDERS, TYPE B	TON	95.30
63000003		STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	475
63000350		LONG-SPAN GUARDRAIL OVER CULVERT, 12 FT 6 IN SPAN	LF	12.5
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
LR631020		TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0
63100085		TRAFFIC BARRIER TERMINAL, TYPE 6	Each	0
63200310		GUARDRAIL REMOVAL	LF	650
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. 7296

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) 714-0050

ROCKFORD (815) 469-0050

184-001397

**CHASTAIN & ASSOCIATES LLC**  
CONSULTING ENGINEERS

RICO-N-1.69\_N-1.79\_N-1.80

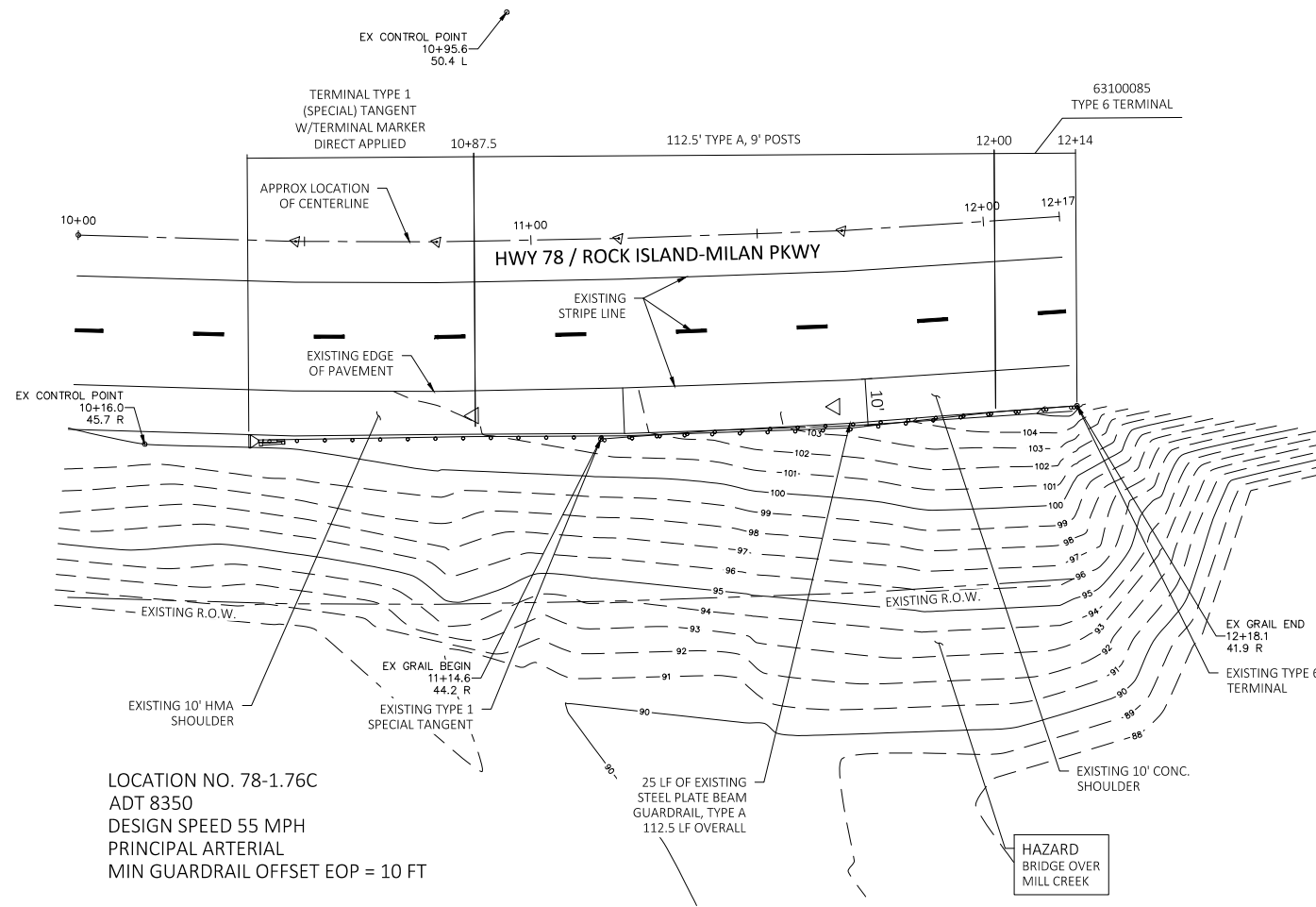
ROCK ISLAND COUNTY  
GUARDRAIL IMPROVEMENTS

ROCK ISLAND COUNTY, IL

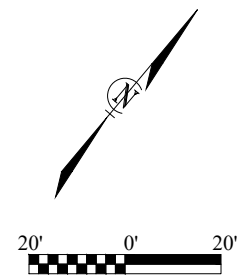
sheet no. 029

project no. 7266

LOCATION_ID	78-1.76C (081-3084)		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.05
20200100	EARTH EXCAVATION	CU YD	0
20400800	FURNISHED EXCAVATION	CU YD	26
35101400	AGGREGATE BASE COURSE, TYPE B	TON	0
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0
48203100	HOT MIX ASPHALT SHOULDERS	TON	0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	8.30
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	112.5
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
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	1
63200310	GUARDRAIL REMOVAL	LF	112.5
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. 78-1.76C  
 ADT 8350  
 DESIGN SPEED 55 MPH  
 PRINCIPAL ARTERIAL  
 MIN GUARDRAIL OFFSET EOP = 10 FT

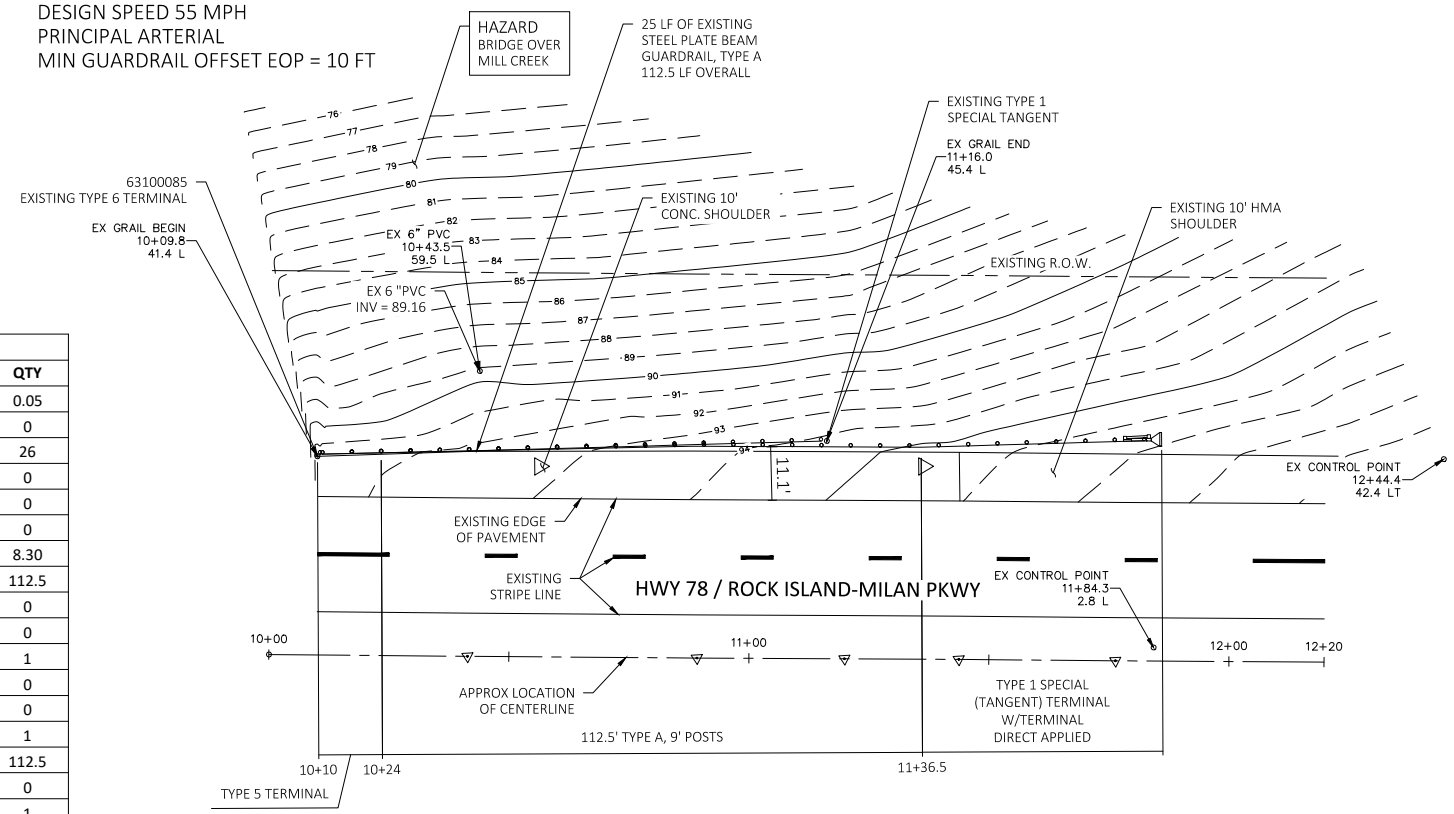


LEGEND	
	EXISTING GUARDRAIL
	EXISTING STORM SEWER
	EXISTING SANITARY SEWER
	EXISTING WATER LINE
	EXISTING FIRE HYDRANT
	EXISTING CURB & GUTTER
	EXISTING SIDEWALK
	EXISTING CONTOUR
	EXISTING MANHOLE
	EXISTING LIGHT POLE
	PIN FOUND
	GUARDRAIL REFLECTOR, TYPE A

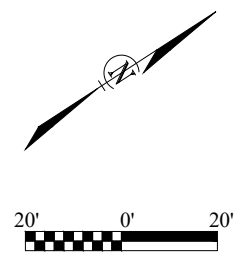
PROJECT NO.	7256
FIELD BOOK NO.	
START DATE	
DRAWN BY	MMW/TRF
CHECKED BY	BTR
CSA REF. NO.	
PWC REF. NO.	
FILE LOCATION	
DECATUR	(217) 422-8544
SCHAUMBURG	(773) 744-0050
ROCKFORD	(815) 489-0050
	184-001397
<b>CHASTAIN &amp; ASSOCIATES LLC</b> CONSULTING ENGINEERS	
RICO-78-1.76C	
ROCK ISLAND COUNTY	
GUARDRAIL IMPROVEMENTS	
ROCK ISLAND COUNTY, IL	
sheet no.	030
project no.	7266



LOCATION NO. 78-1.76A  
 ADT 8350  
 DESIGN SPEED 55 MPH  
 PRINCIPAL ARTERIAL  
 MIN GUARDRAIL OFFSET EOP = 10 FT



LOCATION_ID	78-1.76A (081-3084)		
PAY ITEM #	PAY ITEM	UNITS	QTY
X2501000	SEEDING, CLASS 2A (SPECIAL)	Acre	0.05
20200100	EARTH EXCAVATION	CU YD	0
20400800	FURNISHED EXCAVATION	CU YD	26
35101400	AGGREGATE BASE COURSE, TYPE B	TON	0
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	0
48203100	HOT MIX ASPHALT SHOULDERS	TON	0
48101200	AGGREGATE SHOULDERS, TYPE B	TON	8.30
63000003	STEEL PLATE BEAM GUARDRAIL, TYPE A, 9 FOOT POSTS	LF	112.5
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
LR631020	TRAFFIC BARRIER TERMINAL, TYPE 1	Each	0
63100085	TRAFFIC BARRIER TERMINAL, TYPE 6	Each	1
63200310	GUARDRAIL REMOVAL	LF	112.5
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

PROJECT NO. 7296	FIELD BOOK NO.	START DATE	DRAWN BY	CHECKED BY	PWC REF. NO.	FILE LOCATION
			MW/T/RF	BTR		
DECATUR (217) 422-8544 SCHAUMBURG (773) 714-0050 ROCKFORD (815) 489-0050 184-001397 <b>CHASTAIN &amp; ASSOCIATES LLC</b> CONSULTING ENGINEERS						
RICO-78-1.76A ROCK ISLAND COUNTY GUARDRAIL IMPROVEMENTS ROCK ISLAND COUNTY, IL						
sheet no. <b>031</b>						
project no. <b>7266</b>						