



Illinois Department of Transportation

2300 South Dirksen Parkway / Springfield, Illinois / 62764

May 30, 2012

SUBJECT: FAS Route 754

(CH 1)

Project RS-TCSP-IL09(028)

Section 10-00046-02-PV

Calhoun County

Contract No 97496

Item 186 A

June 15, 2012 Letting

TO PROSPECTIVE BIDDERS:

To clarify information it is necessary to revise the following:

Proposal- Revised pages 1 and 2 of the schedule of prices, the index to the special provisions and pages 2-4 of the special provisions.

Plans- Revised sheets 4, 5, and 8-11.

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal. Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Since the proposal sheets are printed back to back, bidders are cautioned to exercise care when inserting revised and/or added special provisions into their proposals.

Please call 217-782-7806 if any of the above-described material is not included in this transmittal.

Very truly yours,

Eric Harm
Interim Engineer of Design and Environment

A handwritten signature in black ink, appearing to read 'Ted B. Walschleger' with a small 'AE' to the right.

By: Ted B. Walschleger, P. E.
Engineer of Project Management

COUNTY NAME	CODE	DIST	SECTION NUMBER	PROJECT NUMBER	ROUTE
CALHOUN	013	08	10-00046-02-PV	RS-TCSP-IL09/028/000	FAS 754

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
X6320100	GUARDRAIL REMOV SPL	FOOT	206.000 X	=			
X6330725	SPBGR (SHORT RADIUS)	FOOT	325.000 X	=			
X7010216	TRAF CONT & PROT SPL	L SUM	1.000 X	=			
40600100	BIT MATLS PR CT	GALLON	5,169.000 X	=			
40600300	AGG PR CT	TON	78.000 X	=			
40600400	MIX CR JTS FLANGEWYS	TON	3.000 X	=			
40600895	CONSTRUC TEST STRIP	EACH	1.000 X	=			
40600982	HMA SURF REM BUTT JT	SQ YD	267.000 X	=			
40600990	TEMPORARY RAMP	SQ YD	72.000 X	=			
40603085	HMA BC IL-19.0 N70	TON	36.000 X	=			
40603315	HMA SC "C" N70	TON	6,840.000 X	=			
40800050	INCIDENTAL HMA SURF	TON	84.000 X	=			
44000161	HMA SURF REM 3	SQ YD	214.000 X	=			
48102100	AGG WEDGE SHLD TYPE B	TON	715.000 X	=			
63000001	SPBGR TY A 6FT POSTS	FOOT	2,213.000 X	=			

revised 5/30/12

FAS 754
 10-00046-02-PV
 CALHOUN

ILLINOIS DEPARTMENT OF TRANSPORTATION
 SCHEDULE OF PRICES
 CONTRACT NUMBER - 97496

ECMS002 DTGECM03 ECMR003 PAGE 2
 RUN DATE - 05/29/12
 RUN TIME - 190116

ITEM NUMBER	PAY ITEM DESCRIPTION	UNIT OF MEASURE	QUANTITY	UNIT PRICE		TOTAL PRICE	
				DOLLARS	CENTS	DOLLARS	CTS
63000025	SPBGR ATTACH TO STR	FOOT	206.000 X				
63100167	TR BAR TRM T1 SPL TAN	EACH	26.000 X				
63200310	GUARDRAIL REMOV	FOOT	1,594.000 X				
67100100	MOBILIZATION	L SUM	1.000 X				
70300100	SHORT TERM PAVT MKING	FOOT	1,938.000 X				
70300220	TEMP PVT MK LINE 4	FOOT	50,235.000 X				
70301000	WORK ZONE PAVT MK REM	SQ FT	640.000 X				
78000200	THPL PVT MK LINE 4	FOOT	50,235.000 X				
78100100	RAISED REFL PAVT MKR	EACH	243.000 X				
78200410	GUARDRAIL MKR TYPE A	EACH	100.000 X				
78201000	TERMINAL MARKER - DA	EACH	26.000 X				

TOTAL \$

NOTE: *** PLEASE TURN PAGE FOR IMPORTANT NOTES ***

Revised 5/30/12

INDEX TO SPECIAL PROVISIONS

<u>PAGE</u>	<u>SPECIAL PROVISION</u>
1	DESCRIPTION OF WORK
1	COOPERATION WITH UTILITIES
1	TRAFFIC CONTROL AND PROTECTION, SPECIAL
2	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES
2	GUARDRAIL REMOVAL
3	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)
3	GUARDRAIL REMOVAL SPECIAL
④	STATUS OF UTILITIES TO BE ADJUSTED

TRAFFIC CONTROL AND PROTECTION, (SPECIAL) (CONT.)

Special attention is called to Article 107.09 and 107.14 of the Standard Specifications.

In order to minimize the inconvenience to local traffic, County Highway No. 1 shall remain open to two-way traffic to the greatest extent possible. One traffic lane will be allowed to be closed as needed during day time hours in accordance with applicable Highway Standards. The length of the closure shall be kept to a minimum as directed by the Engineer.

Access to all side roads and entrances shall remain open at all times.

For the area to be milled 3 inches deep from Sta. 174+00 to Sta. 172+40, the Contractor shall provide a temporary wedge or milled sloped edge (slope min. 1:3) along the centerline and "Uneven Lanes" signs W8-11 for both directions of traffic.

If the Contractor wishes to deviate from the traffic control and protection established by this Special Provision, he shall provide a revised traffic control plan in writing for the review and approval of the Engineer.

Payment for this work shall be made at the contract lump sum price for TRAFFIC CONTROL AND PROTECTION, (SPECIAL).

STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES

~~This work consists of furnishing and erecting steel plate beam guardrail to be mounted on existing culverts throughout the project limits.~~

~~This work shall be done according with Section 630 of the Standard Specifications and Highway Standards 630101 except as modified herein. Due to the fact that existing guardrail mounted on box culverts is to be removed in this contract, the new STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES should make use of the existing cored holes in the tops of the box culverts for mounting purposes if they remain in an acceptable condition after guardrail removal, as determined by the Engineer. If the existing cored holes are determined to be unsatisfactory for use after guardrail removal by the Engineer, the cored holes shall be filled with a non-shrink grout approved by the Engineer and new holes shall be cored per Highway Standard 630101.~~

~~Payment for this work shall be made at the contract unit price per foot for STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES.~~

GUARDRAIL REMOVAL

This work consists of the removal of guardrail at the locations shown in the plans.

This work shall be done in accordance with Section 632 of the Standard Specifications, except as modified herein. All items associated with guardrail removal shall be delivered to the Calhoun County Highway Department for their future use. Items include, but are not limited to, guardrail, posts, blockouts, end sections, short radii, and hardware.

GUARDRAIL REMOVAL (CONTINUED)

Coordination shall be made as to where at the Calhoun County Highway Department guardrail removal items are to be delivered. The Contractor shall coordinate the delivery of these items with Barry Webster, Calhoun County Engineer, at (618) 576-2600 prior to the removal of guardrail items. The Calhoun County Highway Department is located at RR 1 Box 13B, Hardin, IL 62047, near the midpoint of the project limits.

This work shall be paid for at the contract unit price per foot for GUARDRAIL REMOVAL.

STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)

This work shall consist of installing guardrail along a radius as shown in the plans.

This work shall be done in accordance with Section 630 of the Standard Specifications, the details shown on the plans and Highway Standard 631011 for Traffic Barrier Terminal, Type 2. An end section shall be provided at the end of the radius section.

Payment for this work shall be made at the contract unit price per foot for STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS).

GUARDRAIL REMOVAL SPECIAL

This work consists of the removal of guardrail attached to existing box culverts at the locations shown in the plans.

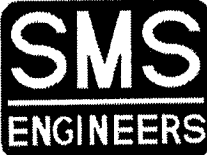
This work shall be done in accordance with Section 632 of the Standard Specifications, except as modified herein.

The Contractor shall remove all of the existing anchor bolts and other mounting hardware from the existing culvert. The Contractor shall also fill any holes that extend through the top of the existing concrete culvert with nonshrink grout meeting the requirements of Article 1024.02 of the Standard Specifications.

All items associated with guardrail removal shall be delivered to the Calhoun County Highway Department for their future use. Items include, but are not limited to, guardrail, posts, blockouts, end sections, short radii, and hardware.

Coordination shall be made as to where at the Calhoun County Highway Department guardrail removal items are to be delivered. The Contractor shall coordinate the delivery of these items with Barry Webster, Calhoun County Engineer, at (618) 576-2600 prior to the removal of guardrail items. The Calhoun County Highway Department is located at RR 1 Box 13B, Hardin, IL 62047, near the midpoint of the project limits.

This work shall be paid for at the contract unit price per foot for GUARDRAIL REMOVAL SPECIAL.



Sheppard, Morgan & Schwaab, Inc.
CONSULTING ENGINEERS AND LAND SURVEYORS

215 Market Street, P.O. Box E, Alton, IL 62002 618/462-9755 E-mail: mail@smsengineers.com
10 Central Industrial Drive, Granite City, IL 62040 618/877-8700 E-mail: mail@smsengineers.com

DWN BY: CDP/DWG # *		
CK BY: CDD	REF BK	PG
GENERAL NOTES.dwg		

DESIGN FIRM # 184-000992
F.A.S. 754 (COUNTY HWY NO. 1)
SEC. 10-00046-02-PV
CONTRACT NO. 97496

MIX DESIGNS

COMMITMENTS

MIXTURE USE
AC/PG
RAP% (MAX.)
DESIGN AIR VOIDS
MIX COMPOSITION
FRICTION AGG.

SURFACE
PG 64-22
~~10%~~ SEE SPECIFICATIONS
4.0% @ NDES=70

MIX C

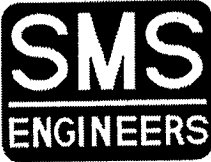
NONE

MIXTURE USE
AC/PG
RAP% (MAX.)
DESIGN AIR VOIDS
MIX COMPOSITION
FRICTION AGG.

BINDER
PG 64-22
~~10%~~ SEE SPECIFICATIONS
4.0% @ NDES=~~50~~ 70
~~IL 12.5~~ IL 19.0
~~MIX C~~ MIX B

HIGHWAY STANDARDS

630001-10	635011-02	701301-04
630101-09	701001-02	701306-03
630301-05	701006-03	701311-03
631011-08	701011-02	701901-02
635006-03	701201-04	780001-03
		781001-03



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DWN BY: CDP DWG # *
CK BY: CDD REF BK PG
SUMMARY OF QUANTITIES.dwg
DESIGN FIRM # 184-000992

F.A.S. 754 (COUNTY HWY NO. 1)
SEC. 10-00046-02-PV
CONTRACT NO. 97496

SUMMARY OF QUANTITIES

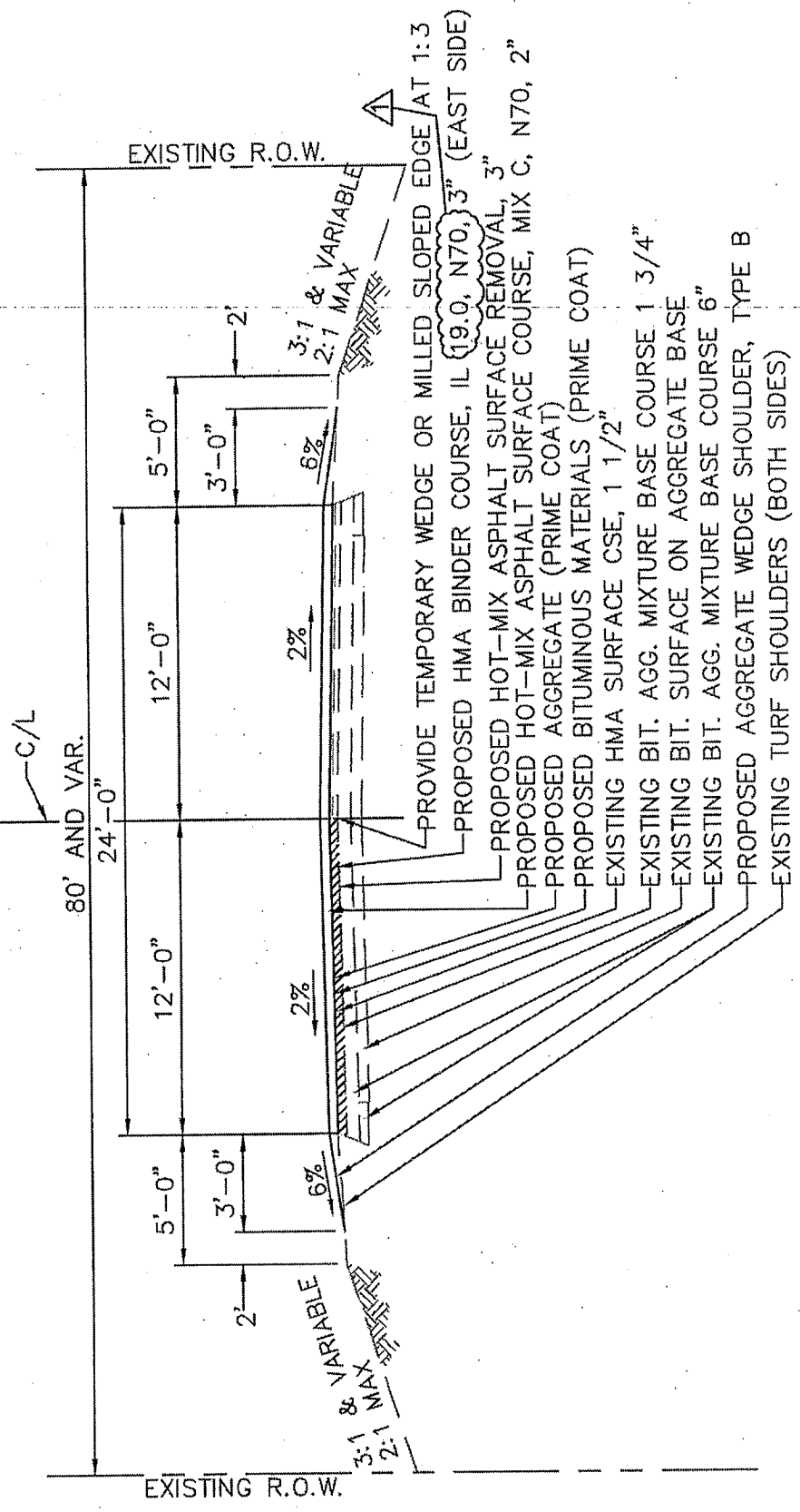
CODE NO.	CONSTRUCTION TYPE CODE ITEM	UNIT	0004
			TOTAL QUANTITY
40600100	BITUMINOUS MATERIALS (PRIME COAT)	GALLON	5,169
40600300	AGGREGATE (PRIME COAT)	TON	78
40600400	MIXTURE FOR CRACKS, JOINTS, AND FLANGEWAYS	TON	3
40600895	CONSTRUCTING TEST STRIP	EACH	1
40600982	HOT-MIX ASPHALT SURFACE REMOVAL- BUTT JOINT	SQ YD	267
40600990	TEMPORARY RAMP	SQ YD	72
40603085	HOT-MIX ASPHALT BINDER COURSE, IL 19.0, N70	TON	36
40603315	HOT-MIX ASPHALT SURFACE COURSE, MIX "C", N70	TON	6,840
40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	84
44000161	HOT-MIX ASPHALT SURFACE REMOVAL, 3"	SQ YD	214
48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	715
63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FOOT	2,213
63000025	STEEL PLATE BEAM GUARDRAIL, ATTACHED TO STRUCTURES	FOOT	206
63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EACH	26
63200310	GUARDRAIL REMOVAL	FOOT	1,594
X6330705	STEEL PLATE BEAM GUARDRAIL (SHORT RADIUS)	FOOT	325
67100100	MOBILIZATION	L SUM	1
70300100	SHORT-TERM PAVEMENT MARKING	FOOT	1,938
70300220	TEMPORARY PAVEMENT MARKING - LINE 4"	FOOT	50,235
70301000	WORK ZONE PAVEMENT MARKING REMOVAL	SQ FT	640
78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FOOT	50,235
78100100	RAISED REFLECTIVE PAVEMENT MARKER	EACH	243
78200410	GUARDRAIL MARKERS, TYPE A	EACH	100
78201000	TERMINAL MARKER-DIRECT APPLIED	EACH	26
X6320100	GUARDRAIL REMOVAL SPECIAL	FOOT	206
X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	L SUM	1

revised 5/31/12

SMS ENGINEERS
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DWN BY: CDR/DWG #
CK BY: CDD/REF BK PG
DESIGN FIRM # 184-000992

F.A.S. 754 (COUNTY HWY NO. 1)
 SEC. 10-00046-02-PV
 CONTRACT NO. 97496



PROPOSED TYPICAL SECTION

FAS ROUTE 754
 COUNTY HIGHWAY NO. 1
 CALHOUN COUNTY, ILLINOIS
 174+00 TO STA. 172+40

REVISION 5-23-12

NOT TO SCALE

revised 5/30/12



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CONSULTING ENGINEERS AND LAND SURVEYORS

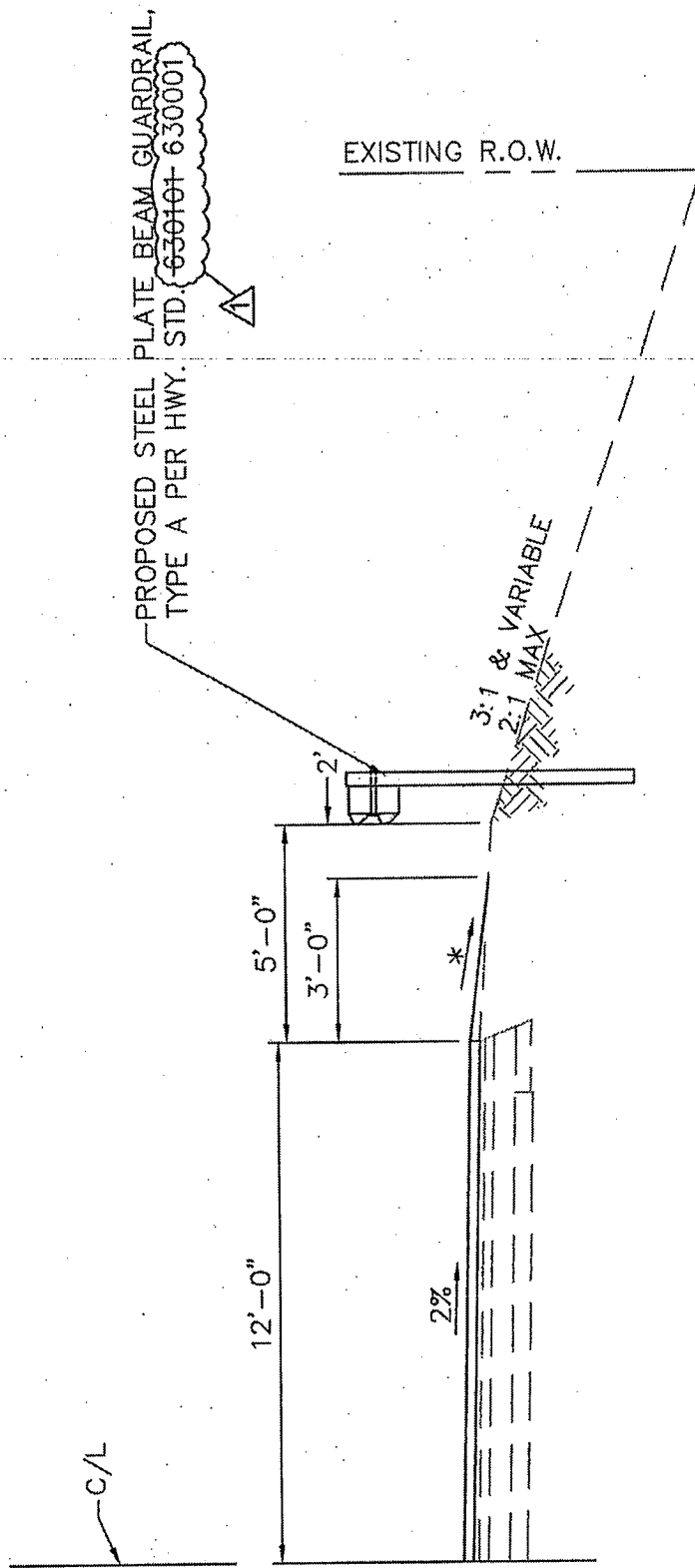
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F.A.S. 754 (COUNTY HWY NO. 1)
SEC. 10-00046-02-PV
CONTRACT NO. 97496



PROPOSED TYPICAL SECTION WITH GUARD RAIL

FAS ROUTE 754
COUNTY HIGHWAY NO. 1
CALHOUN COUNTY, ILLINOIS

* VARIES FROM 6% TO 8%

REVISION 5-23-12

NOT TO SCALE

revised 5/30/12

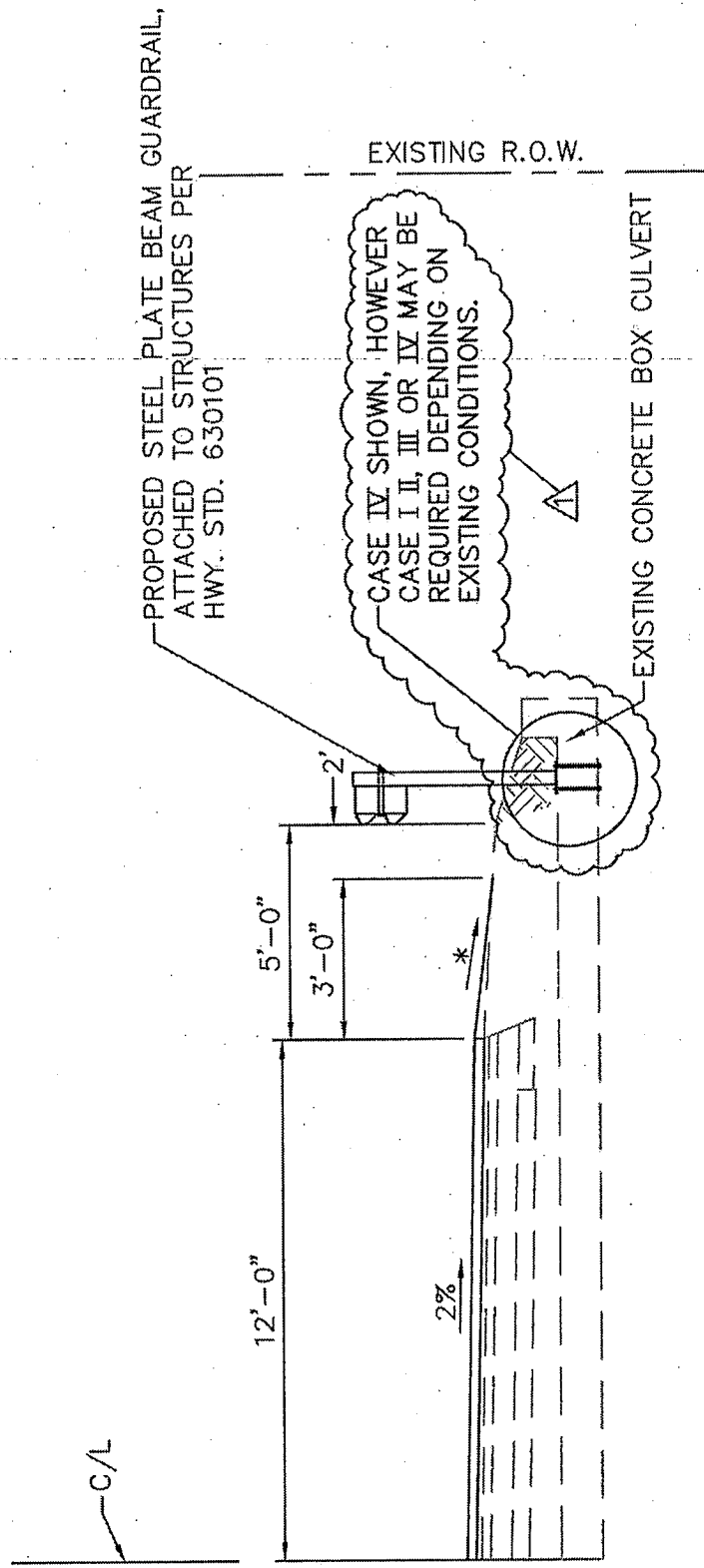


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DWN BY: CDD/DWG #
CK BY: CDD/REF BK PG
DESIGN FIRM # 184-000992

F.A.S. 754 (COUNTY HWY NO. 1)
SEC. 10-00046-02-PV
CONTRACT NO. 97496



PROPOSED TYPICAL SECTION WITH GUARD RAIL AT BOX CULVERTS

FAS ROUTE 754
COUNTY HIGHWAY NO. 1
CALHOUN COUNTY, ILLINOIS

* VARIES FROM 6% TO 8%

REVISION 5-23-12

NOT TO SCALE

revised 5/30/12



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DWN BY: CDF/DWG #

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SUMMARY OF QUANTITIES.dwg

DESIGN FIRM # 184-000992
F.A.S. 754 (COUNTY HWY NO. 1)
SEC. 10-00046-02-PV
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GUARDRAIL SCHEDULE

LOCATION	STATION	HAZARD	DIRECTION	GUARDRAIL REMOVAL (FOOT)	GUARDRAIL REMOVAL SPECIAL (FOOT)	STEEL PLATE BEAM GUARDRAIL TYPE A, 6 FOOT POSTS (FOOT)	STEEL PLATE BEAM GUARDRAIL ATTACHED TO STRUCTURES (FOOT)	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT (EACH)	STEEL PLATE BEAM GUARDRAIL, (SHORT RADIUS) ¹ (FOOT)
1	75+66	12' x 12' BOX CULVERT	NORTHBOUND	12.5		181.25	18.75	1	
		8' x 10' BOX CULVERT	SOUTHBOUND	81.25	18.75	18.75	18.75	2	2 ENDS @ 25 EA. = 50
2	236+25	8' x 10' BOX CULVERT	NORTHBOUND	56.25	18.75	37.5	18.75	1	
		2' x 1.5' BOX CULVERT	SOUTHBOUND	43.75	18.75				
3	179+50	2' x 1.5' BOX CULVERT	NORTHBOUND	75					
4	174+15	2' x 2' BOX CULVERT	NORTHBOUND	75					
		10' x 10' BOX CULVERT	SOUTHBOUND	75		187.5	12.5	2	
5	162+80	10' x 10' BOX CULVERT	NORTHBOUND	62.5	12.5	187.5	12.5	2	
		7' x 3' BOX CULVERT	SOUTHBOUND	62.5	12.5	187.5	12.5	2	
6	143+45	7' x 3' BOX CULVERT	NORTHBOUND	62.5	12.5	25	12.5	1	25
		5' x 3' BOX CULVERT	SOUTHBOUND	75		162.5		1	25
7	134+30	5' x 3' BOX CULVERT	NORTHBOUND	62.5		100	18.75	2	
		3' x 3' BOX CULVERT	SOUTHBOUND	75		25			2 ENDS @ 25 EA. = 50
8	127+55	3' x 3' BOX CULVERT	NORTHBOUND	62.5		137.5		1	25
		10' x 10' BOX CULVERT	SOUTHBOUND	62.5	12.5	162.5	12.5	1	25
9	117+60	10' x 10' BOX CULVERT	NORTHBOUND	62.5	12.5	31.25	12.5	1	25
		2' x 1.5' BOX CULVERT	SOUTHBOUND	75					2 ENDS @ 25 EA. = 50
10	112+95	2' x 1.5' BOX CULVERT	NORTHBOUND	75					
		10' x 9' BOX CULVERT	SOUTHBOUND	56.25	18.75	181.25	18.75	2	
11	105+40	10' x 9' BOX CULVERT	NORTHBOUND	56.25	18.75	131.25	18.75	2	
		4' x 4' BOX CULVERT	SOUTHBOUND	75		200		2	
12	74+35	4' x 4' BOX CULVERT	NORTHBOUND	75		200		2	
		11' x 11' BOX CULVERT	SOUTHBOUND	56.25	18.75	37.5	18.75	1	25
13	64+50	11' x 11' BOX CULVERT	NORTHBOUND	56.25	18.75	31.25	18.75	1	25
				TOTALS:	1593.75	2212.50	206.25	26	325

¹ USE 8.5' TO 10' RADIUS; USE 12.5' FOR RADIUS SECTION, 12.5' OF TRAFFIC BARRIER TERMINAL TYPE 2, AND AN END SECTION.
² GUARDRAIL WORK ACTUALLY OCCURS AT STATION 241+55 FOR NORTHBOUND TRAFFIC.

NOTE: TYPICAL GUARDRAIL INSTALLATION SHALL BE 200' UPON APPROACH OF AND 100' UPON DEPARTURE OF BOX CULVERTS ON EACH SIDE PER DIRECTION OF TRAVEL. SHORT RADII SHALL BE USED WHERE ENTRANCES RESTRICT TYPICAL LENGTHS.

REVISION 5-23-12

revised 5/30/12