WEST EDGE OF CURB

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Pvmt.	15+50.72	-25.57	693.98
A1	15+61.01	-25.50	693.78
A2	15+71.30	-25.31	693.58
N. End South Appr. Pvmt.	15+81.61	-24.61	693.40

WEST EDGE OF SHOULDER

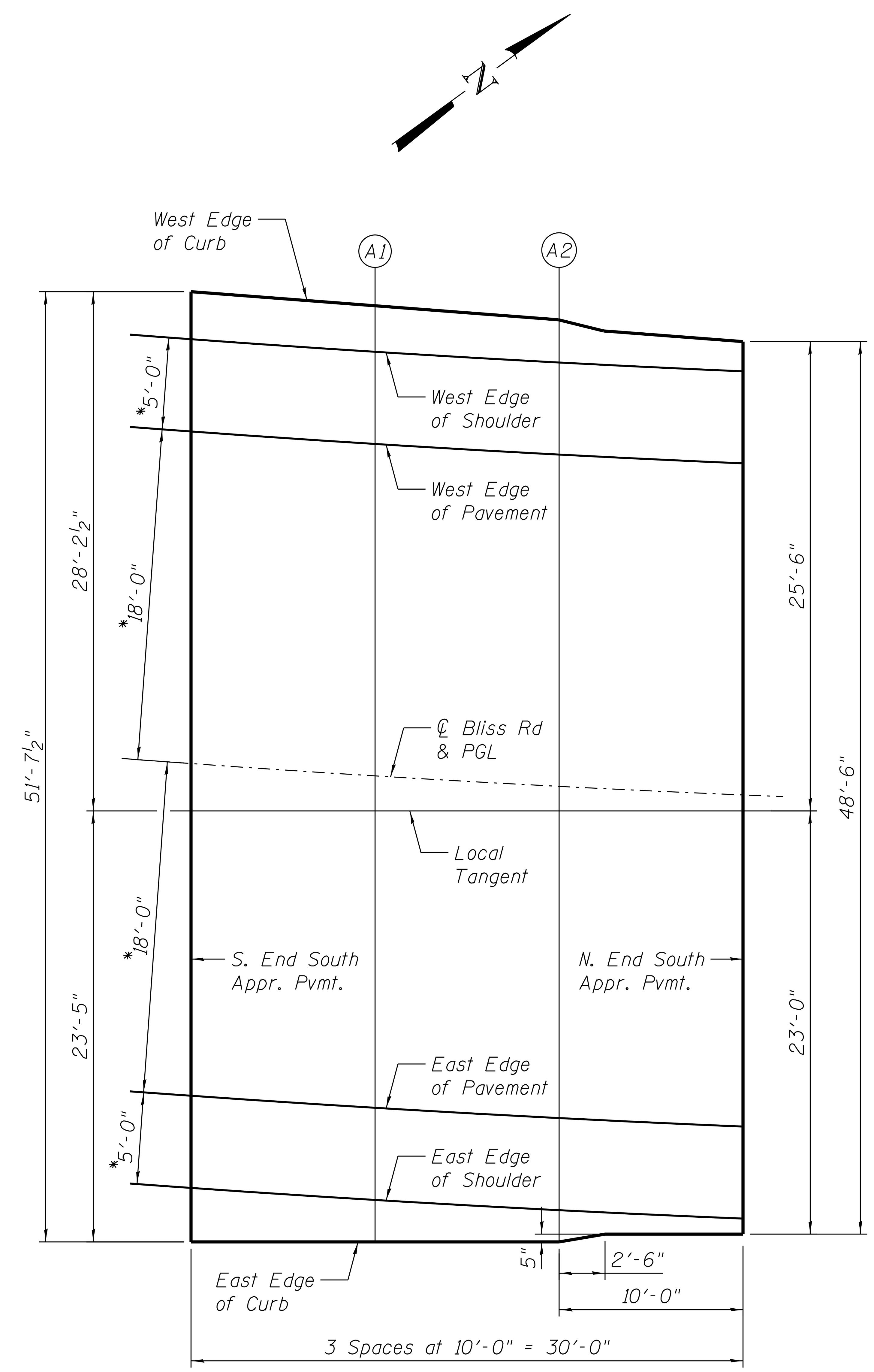
Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Pvmt.	15+50.92	-23.00	694.08
A1	15+61.18	-23.00	693.88
A2	15+71.43	-23.00	693.67
N. End South Appr. Pvmt.	15+81.68	-23.00	693.47

WEST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Pvmt.	15+51.29	-18.00	694.27
A1	15+61.50	-18.00	694.07
A2	15+71.70	-18.00	693.87
N. End South Appr. Pvmt.	15+81.90	-18.00	693.66

℄ ROADWAY & PGL

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Pvmt.	15+52.61	0.00	694.97
A1	15+62.63	0.00	694.77
A2	15+72.65	0.00	694.57
N. End South Appr. Pvmt.	15+82.66	0.00	694.37



SOUTH APPROACH PLAN

*Dimensions measured radially

LOCAL TANGENT

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Pvmt.	15+52.80	2.56	695.07
A1	15+62.75	1.90	694.84
A2	15+72.72	1.33	694.62
N. End South Appr. Pvmt.	15+82.70	0.87	694.40

EAST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Pvmt.	15+53.88	18.00	695.66
A1	15+63.73	18.00	695.47
A2	15+73.56	18.00	695.27
N. End South Appr. Pvmt.	15+83.40	18.00	695.07

EAST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Pvmt.	15+54.22	23.00	695.86
A1	15+64.02	23.00	695.66
A2	15+73.81	23.00	695.46
N. End South Appr. Pvmt.	15+83.60	23.00	695.27

EAST EDGE OF CURB

Location	Station	Offset	Theoretical Grade Elevations
S. End South Appr. Pvmt.	15+54.43	25.92	695.97
A1	15+64.16	25.27	695.75
A2	15+73.90	24.72	695.53
N. End South Appr. Pvmt.	15+83.63	23.85	695.30

WEST EDGE OF CURB

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Pvmt.	16+66.63	-24.82	691.69
A3	16+76.74	-24.96	691.49
A4	16+86.82	-24.65	691.30
N. End North Appr. Pvmt.	16+96.90	-24.31	691.11

WEST EDGE OF SHOULDER

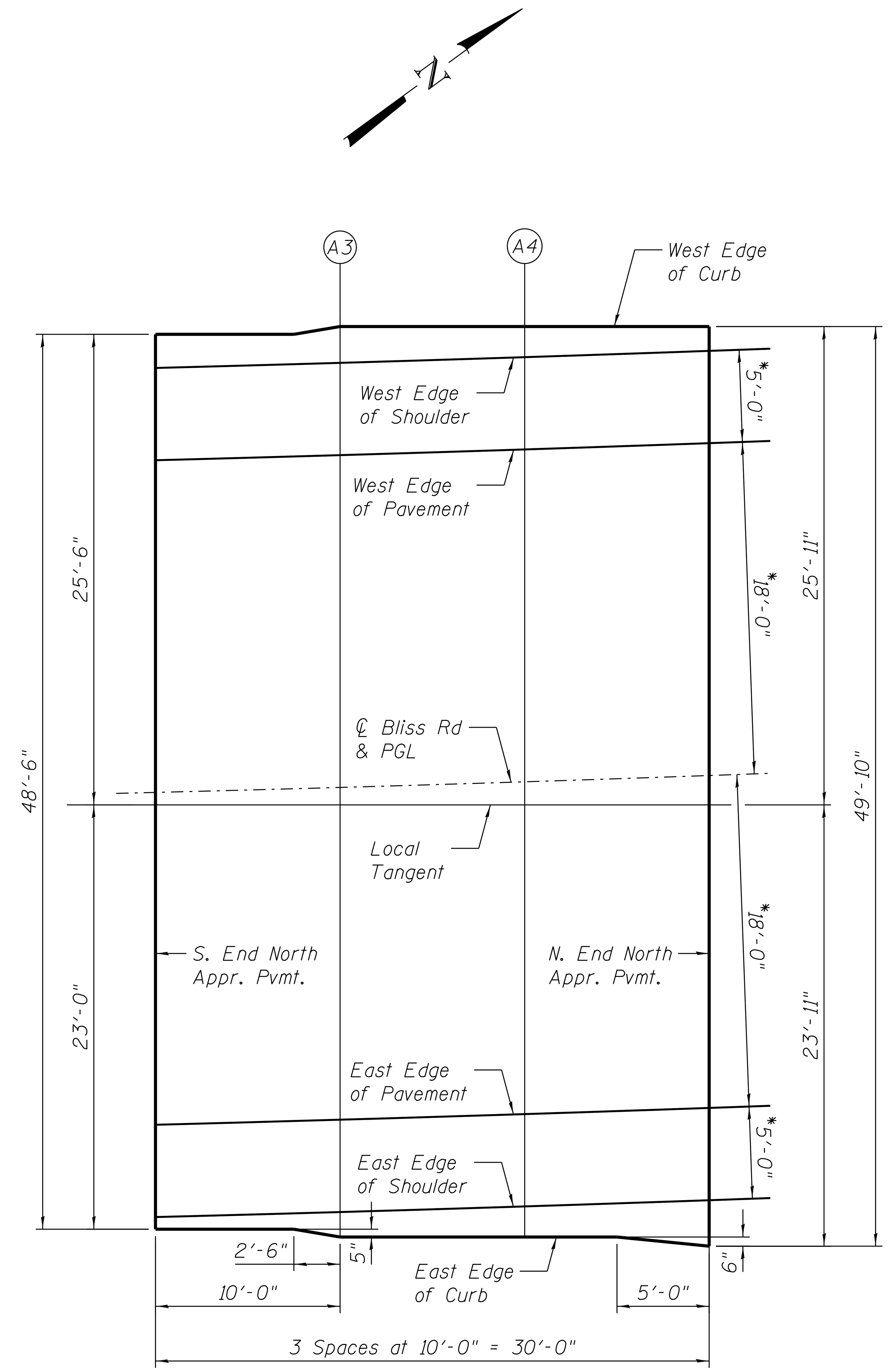
Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Pvmt.	16+66.60	-23.00	691.77
A3	16+76.69	-23.00	691.57
A4	16+86.77	-23.00	691.36
N. End North Appr. Pvmt.	16+96.85	-23.00	691.16

WEST EDGE OF PAVEMENT

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Pvmt.	16+66.48	-18.00	691.97
A3	16+76.54	-18.00	691.77
A4	16+86.60	-18.00	691.57
N. End North Appr. Pvmt.	16+96.67	-18.00	691.37

℄ ROADWAY & PGL

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Pvmt.	16+66.01	0.00	692.70
A3	16+76.02	0.00	692.50
A4	16+86.02	0.00	692.30
N. End North Appr. Pvmt.	16+96.03	0.00	692.10



NORTH APPROACH PLAN

*Dimensions measured radially

LOCAL TANGENT

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Pvmt.	16+66.00	0.67	692.73
A3	16+75.99	0.94	692.54
A4	16+85.98	1.25	692.35
N. End North Appr. Pvmt.	16+95.97	1.59	692.16

EAST EDGE OF PAVEMENT

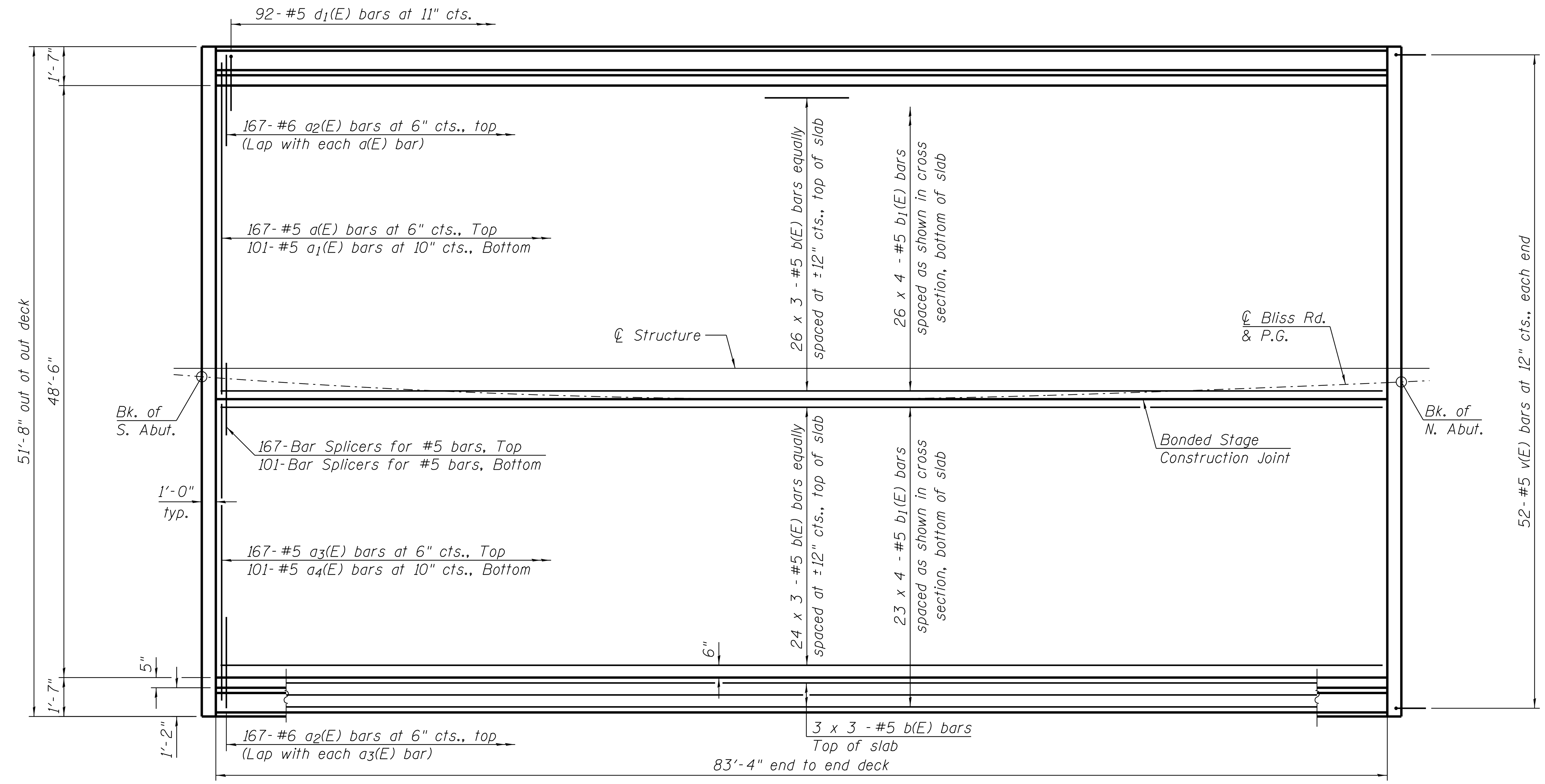
Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Pvmt.	16+65.56	18.00	693.43
A3	16+75.50	18.00	693.23
A4	16+85.44	18.00	693.03
N. End North Appr. Pvmt.	16+95.39	18.00	692.83

EAST EDGE OF SHOULDER

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Pvmt.	16+65.43	23.00	693.63
A3	16+75.36	23.00	693.43
A4	16+85.29	23.00	693.23
N. End North Appr. Pvmt.	16+95.22	23.00	693.04

EAST EDGE OF CURB

Location	Station	Offset	Theoretical Grade Elevations
S. End North Appr. Pvmt.	16+65.41	23.66	693.66
A3	16+75.32	24.35	693.49
A4	16+85.23	24.65	693.30
N. End North Appr. Pvmt.	16+95.13	25.49	693.14

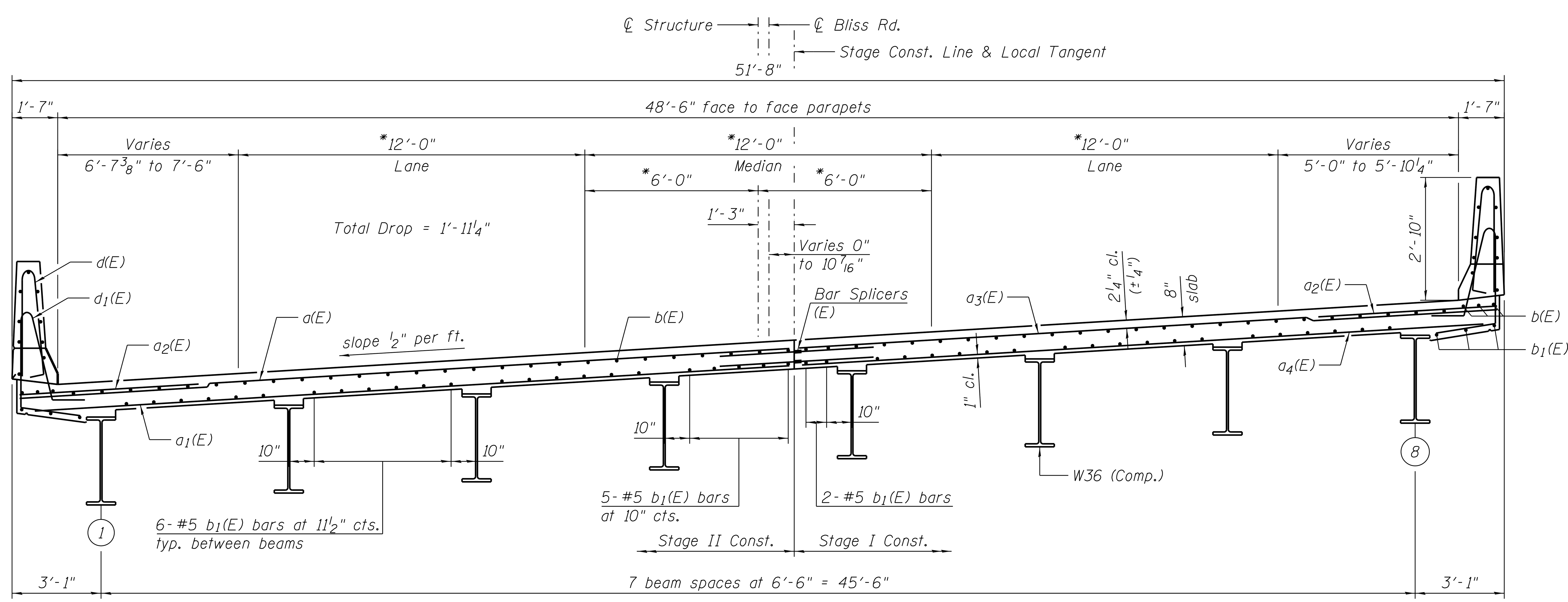


PLAN

MIN. LAP LENGTH

#5 Bars = 2'-7"
#6 Bars = 3'-1"

Notes:
See Sheet 10 of 24 for superstructure details, parapet reinforcement and Bill of Material.
Bars indicated thus 23 x 3-#5 etc. indicates 23 lines of bars with 3 lengths per line.



CROSS SECTION

(Looking North)
*Dimension Measured Radially

FILE NAME = W:\Projects\2013\130282 Bliss Phil\cadd\Structural\Dgn\0453030-009-Superstructure.dgn

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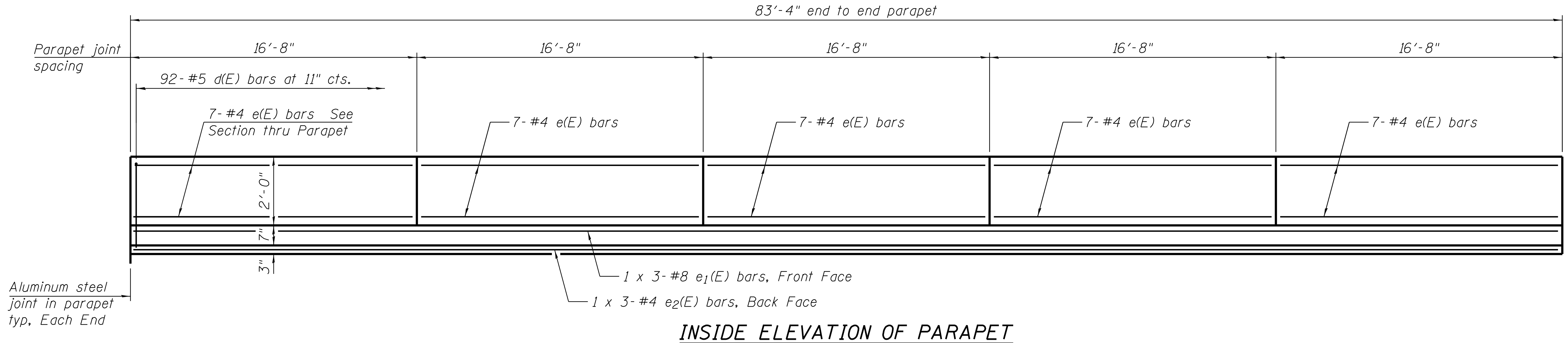
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE
STRUCTURE NO. 045-3030
SHEET NO. 9 OF 24 SHEETS

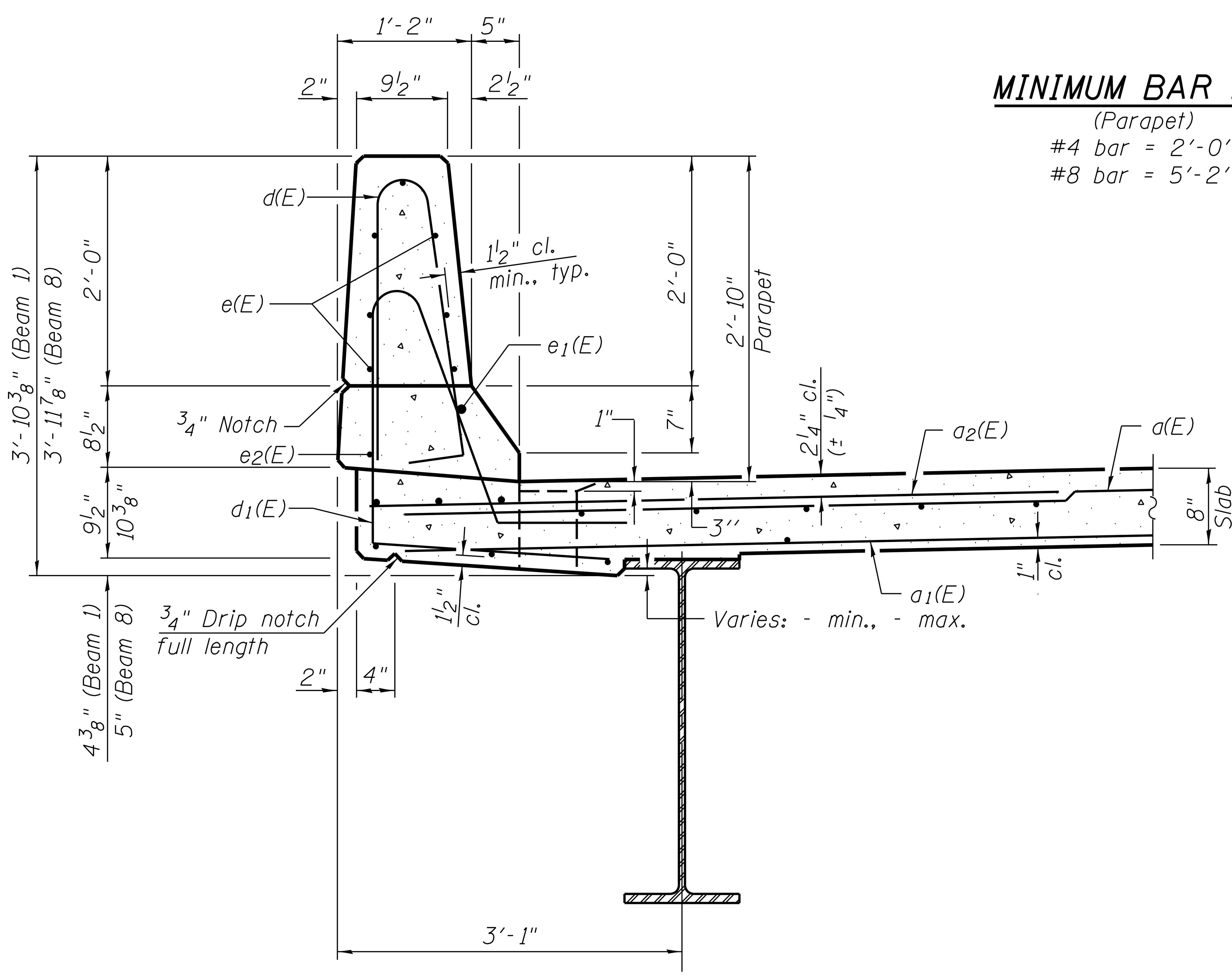
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	103
		CONTRACT NO.		
FED. ROAD DIST. NO.		FED. AID PROJECT		



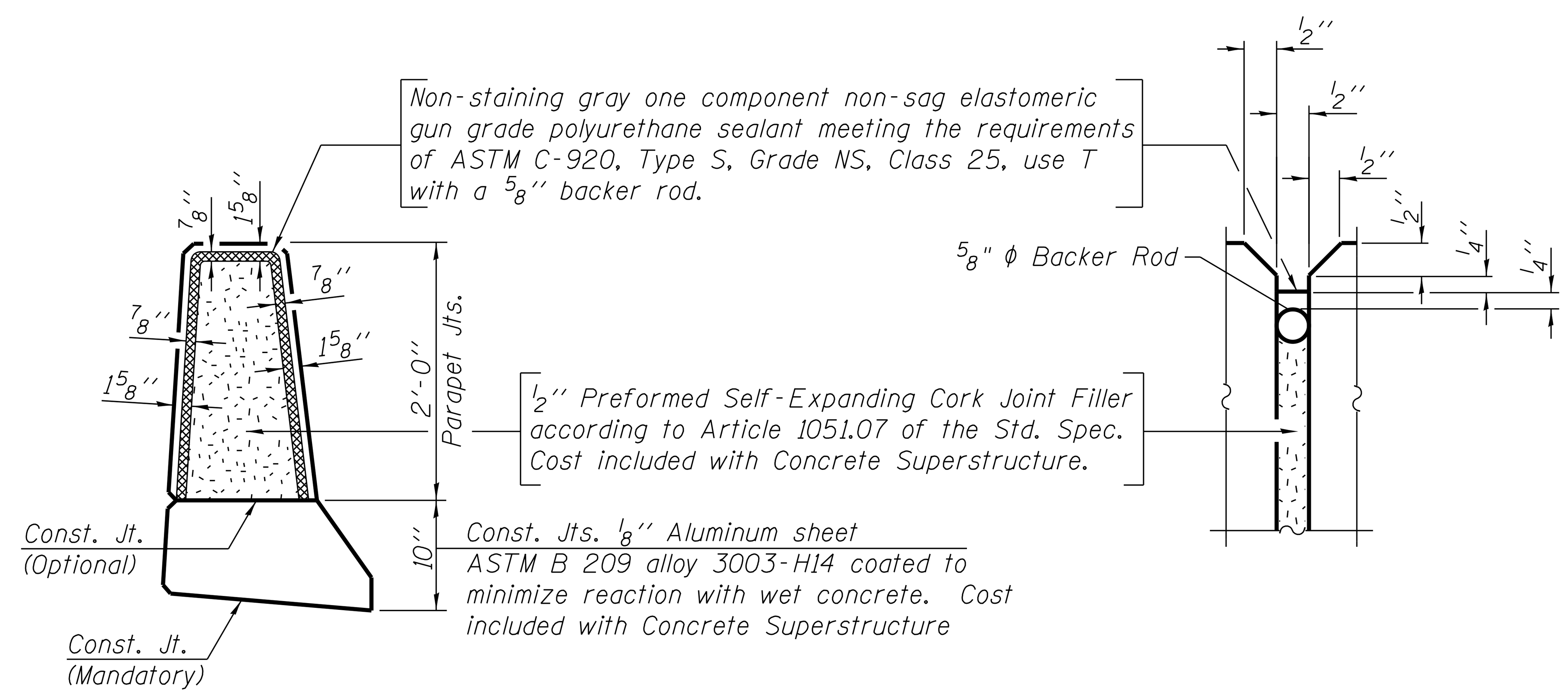
INSIDE ELEVATION OF PARAPET

MINIMUM BAR LAP

(Parapet)
#4 bar = 2'-0"
#8 bar = 5'-2"



SECTION THRU PARAPET

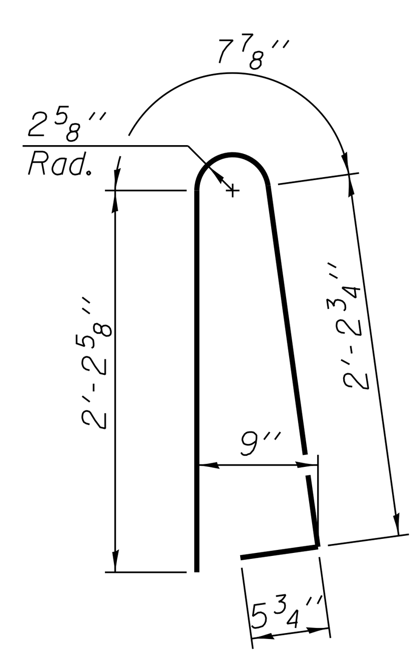


PARAPET JOINT DETAILS

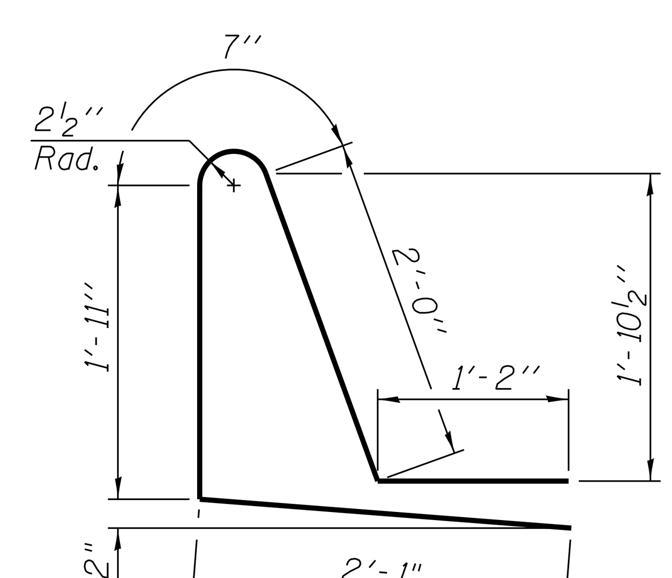
SUPERSTRUCTURE BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	167	#5	26'-8"	
a_1(E)	101	#5	26'-1"	
a_2(E)	334	#6	6'-6"	
a_3(E)	167	#5	24'-2"	
a_4(E)	101	#5	23'-7"	
b(E)	168	#5	29'-5"	
b_1(E)	196	#5	22'-9"	
d(E)	184	#5	5'-7"	
d_1(E)	184	#5	7'-9"	
e(E)	70	#4	16'-4"	
e_1(E)	6	#8	31'-2"	
e_2(E)	6	#4	29'-0"	
m(E)	8	#6	24'-3"	
m_1(E)	8	#6	26'-9"	
m_2(E)	36	#6	6'-1"	
m_3(E)	6	#6	4'-2"	
m_4(E)	12	#6	2'-8"	
m_5(E)	48	#5	4'-0"	
s(E)	96	#5	7'-9"	
s_1(E)	96	#5	10'-0"	
v(E)	104	#5	3'-1"	
Concrete Superstructure		Cu. Yd.	165.7	
Bridge Deck Grooving		Sq. Yd.	431	
Protective Coat		Sq. Yd.	519	
Reinforcement Bars, Epoxy Coated		Pound	34,430	

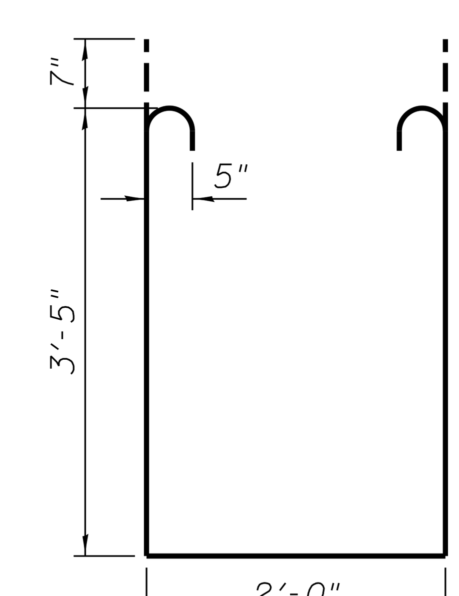
Bars indicated thus 1 x 3-#8 etc. indicates 1 line of bars with 3 lengths per line.



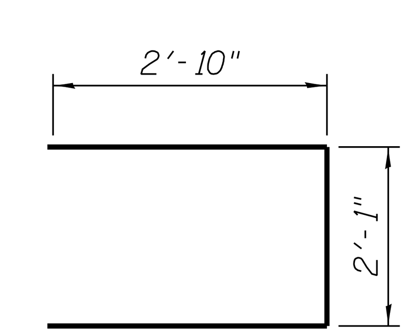
BAR d(E)



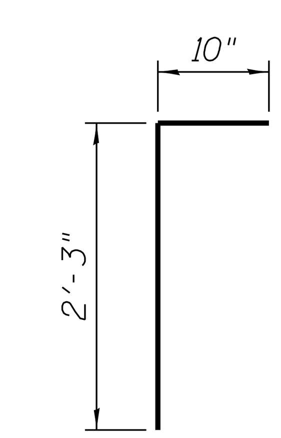
BAR d_1(E)



BAR s_1(E)



BAR s(E)



BAR v(E)

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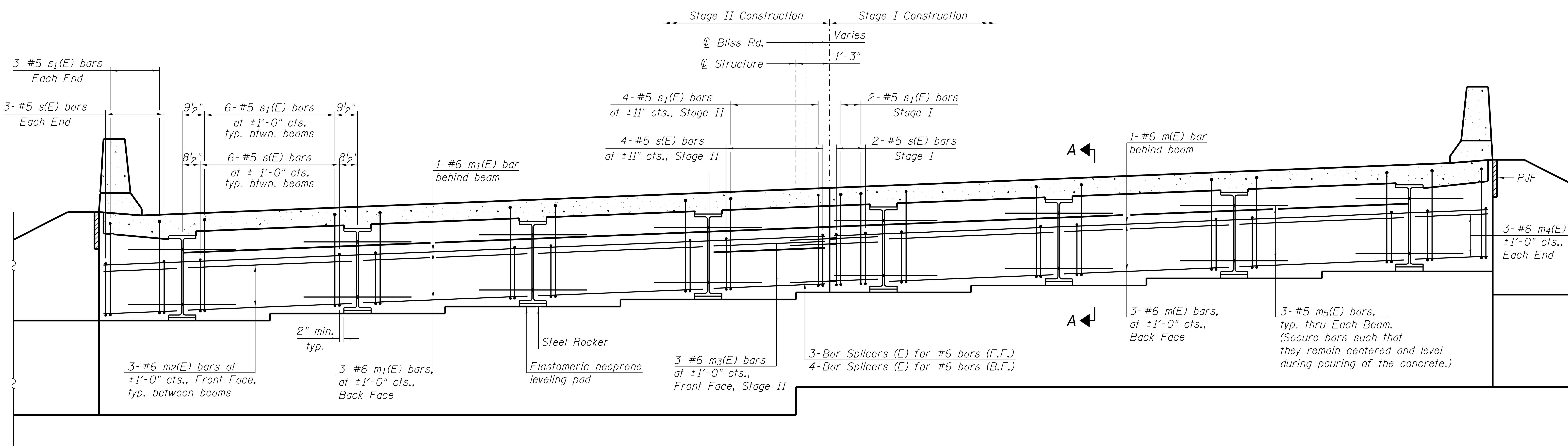
DEPARTMENT OF TRANSPORTATION

SUPERSTRUCTURE DETAILS
STRUCTURE NO. 045-3030
SHEET NO. 10 OF 24 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	104
		CONTRACT NO.		
FED. ROAD DIST. NO.		FED. AID PROJECT		



DIAPHRAGM ELEVATION AT ABUTMENT

(Looking north at north abutment. South abutment opposite hand.)

Notes:

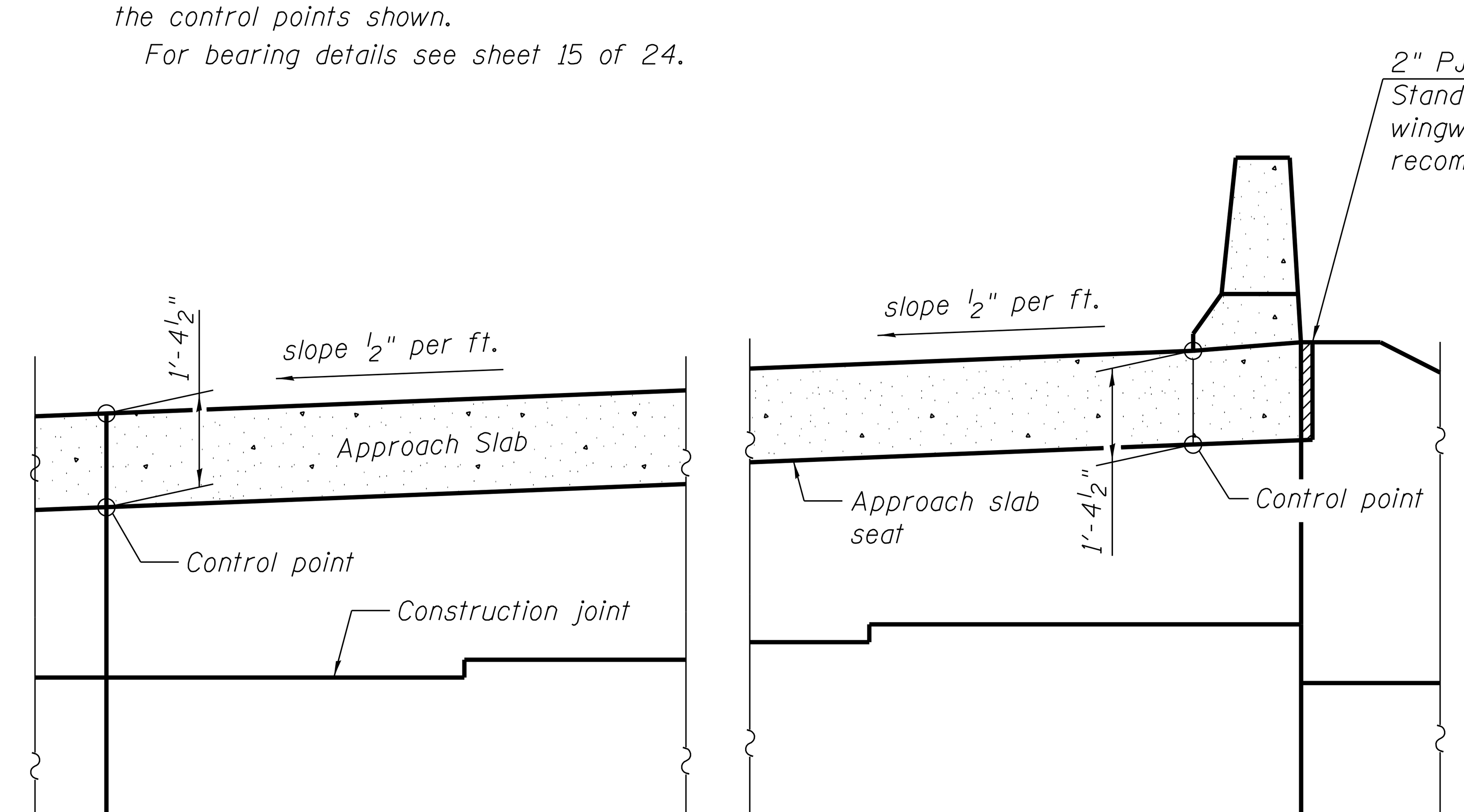
Reinforcement bars in diaphragm are billed with superstructure on sheet 10 of 24.

Concrete in diaphragm is included with Concrete Superstructure on sheet 10 of 24.

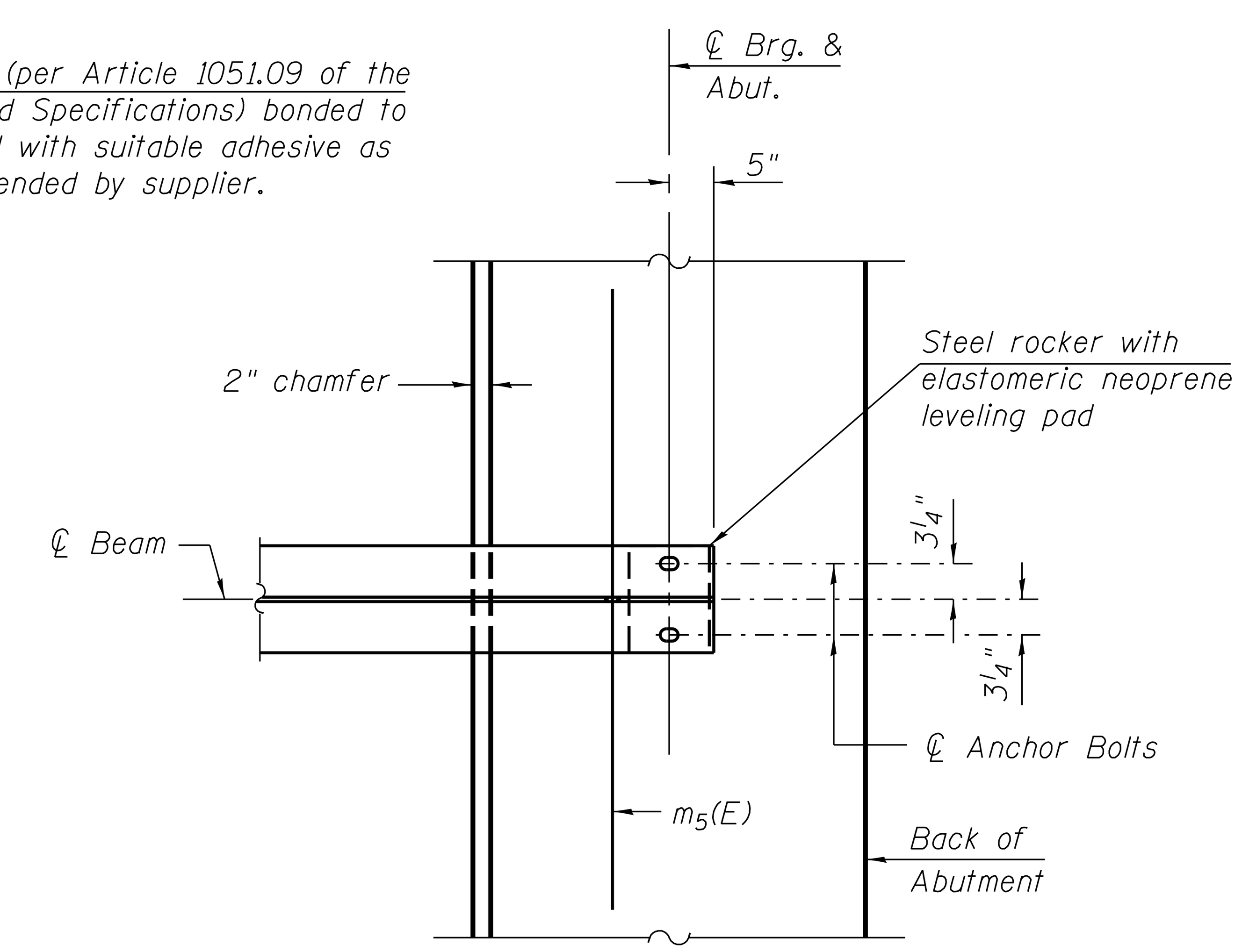
For details of bars s(E), s_1(E) and v(E) see sheet 10 of 24.

The approach slab seat shall have a constant slope determined from the control points shown.

For bearing details see sheet 15 of 24.

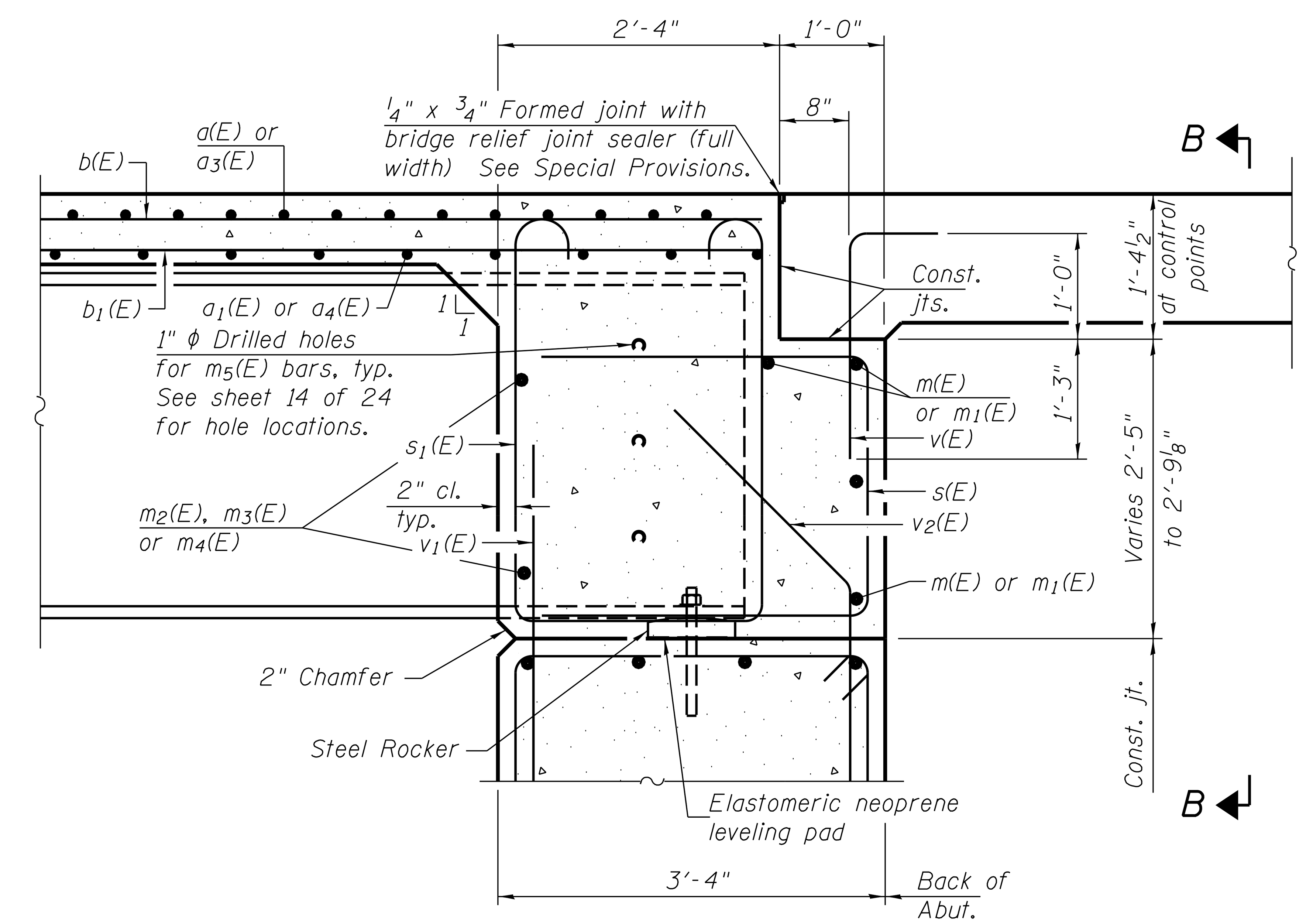


SECTION B-B



PARTIAL PLAN AT ABUTMENT

(Showing bottom flange of beam)



SECTION A-A

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		CHECKED - DLS	REVISED -			520	08-00058-02-BR	KANE	216	105
	PLOT SCALE = $SCALE$	DRAWN - JMM	REVISED -			CONTRACT NO.				
	PLOT DATE = 6/7/2016	CHECKED - DLS	REVISED -		SHEET NO. 11 OF 24 SHEETS	FED. ROAD DIST. NO.	FED. AID PROJECT			

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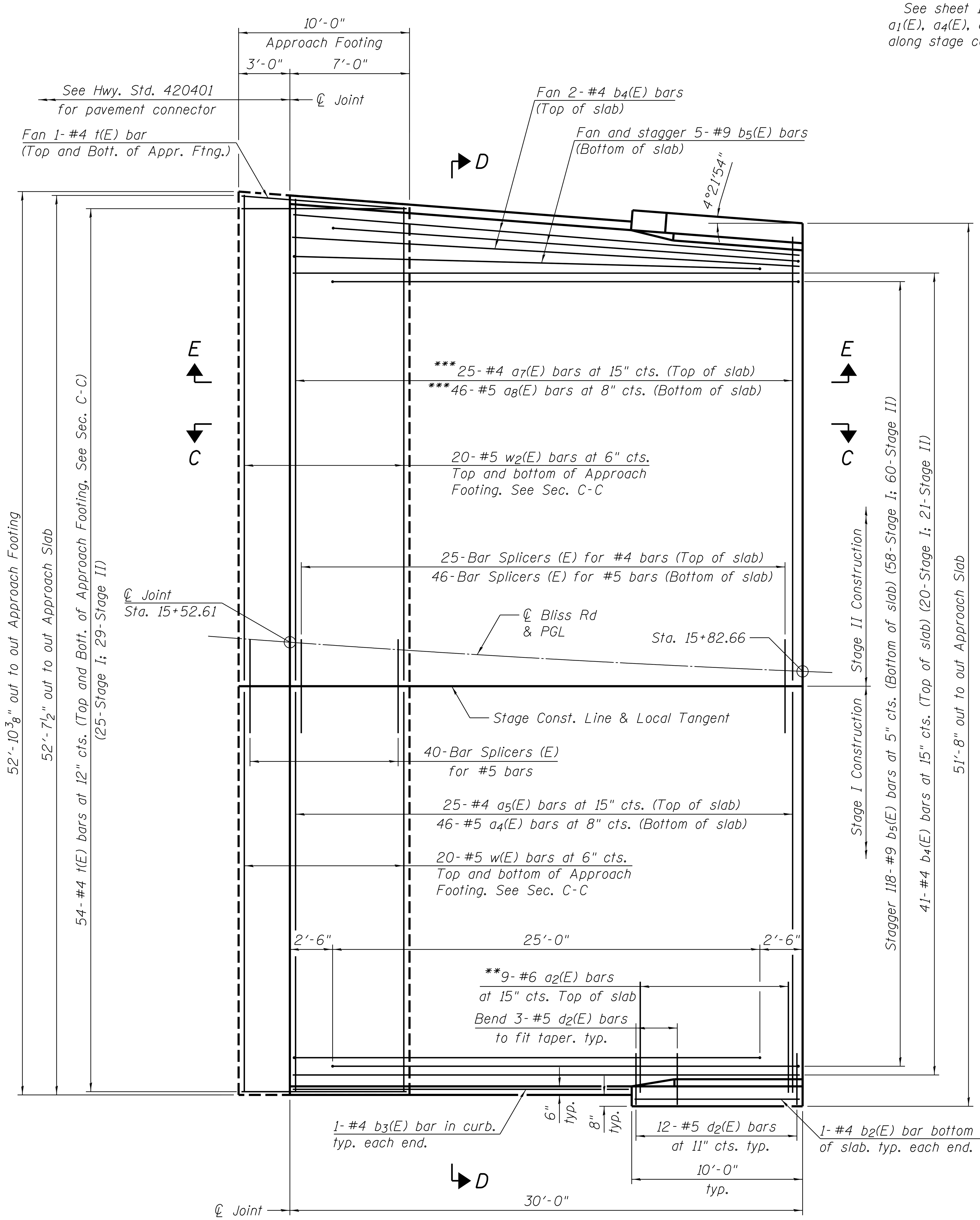
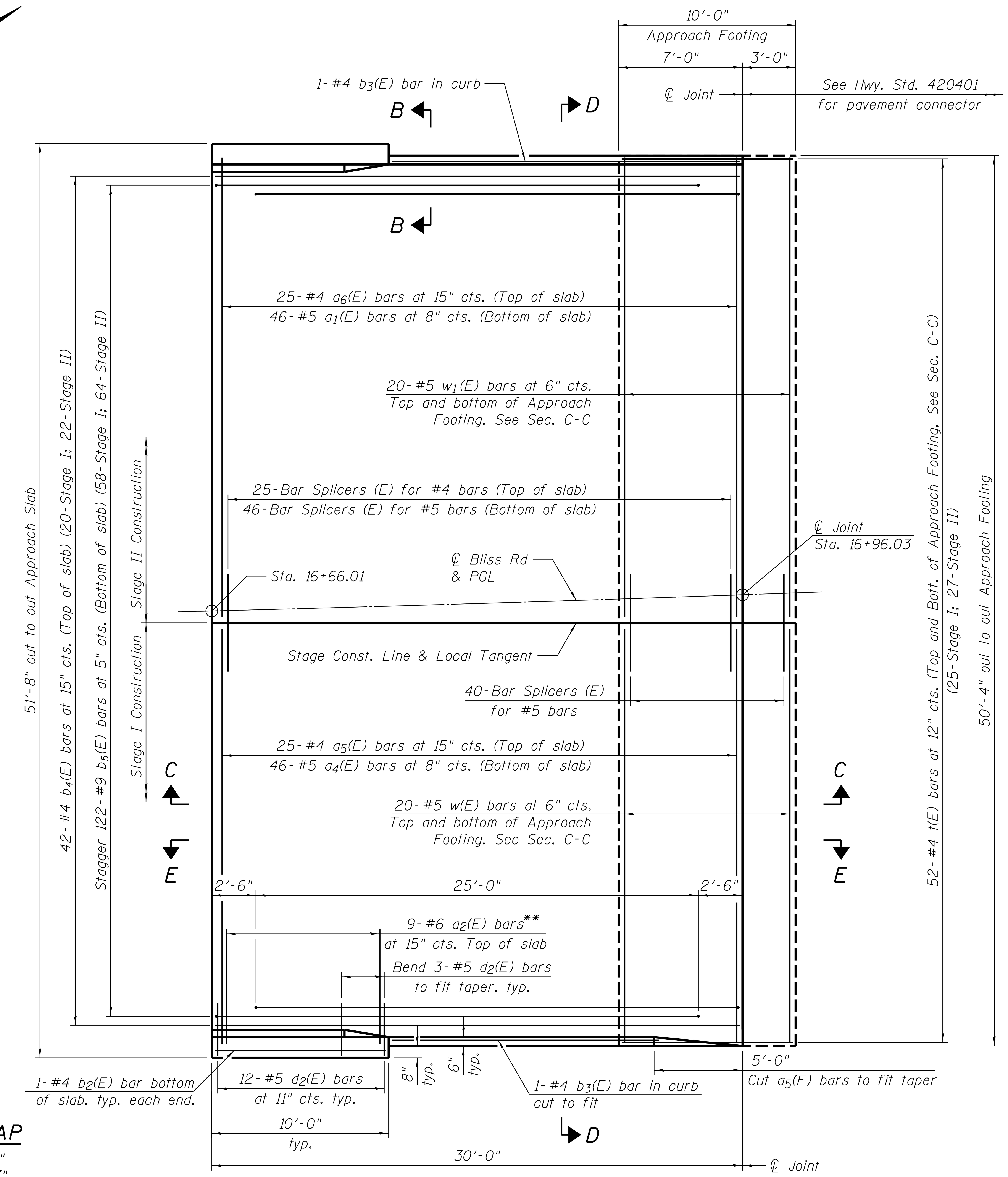
Note:
See sheet 13 of 24 for Sections C-C & D-D and View E-E.
a_1(E), a_4(E), a_5(E), a_6(E), a_7(E), and a_8(E) bar spacings measured along stage construction and local tangent lines.



PLAN
SOUTH APPROACH SLAB



PLAN
NORTH APPROACH SLAB

MIN. BAR LAP
#4 Bar = 2'-1"
#5 Bar = 2'-7"

* Tilt #9 b_5(E) bars as required to maintain clearance.
** Space between a_5(E), a_6(E) and a_7(E) bars, typ. ea. parapet.
*** Cut bars to fit as needed in field.

(Sheet 1 of 2)

FILE NAME = W:\Projects\2013\130282 Bliss Phll\cadd\Structural\Dgn\0453030-012-Bridge Approach Slab Details 1.dgn

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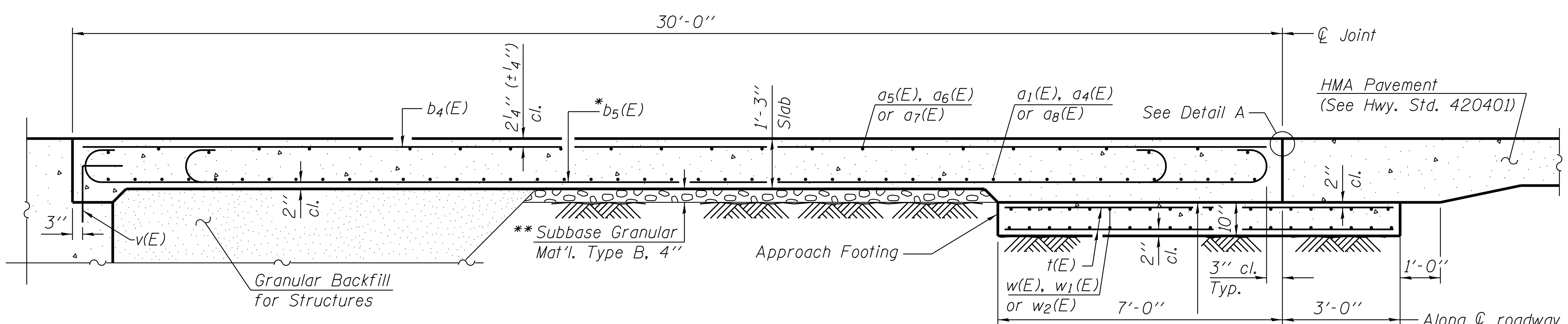
BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 045-3030
SHEET NO. 12 OF 24 SHEETS

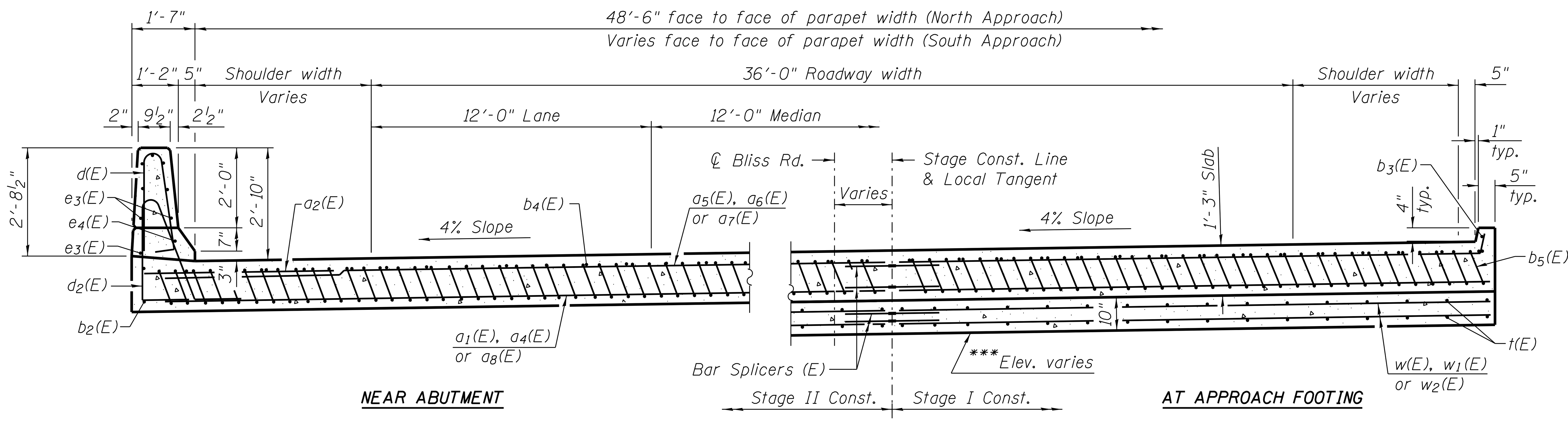
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	106
		CONTRACT NO.		
FED. ROAD DIST. NO.		FED. AID PROJECT		

Notes:
Parapet concrete shall be paid for as Concrete Superstructure.
Approach slab shall be paid for as Concrete Superstructure (Approach Slab).
Approach footing concrete shall be paid for as Concrete Structures.
Reinforcement shall be paid for as Reinforcement Bars, Epoxy Coated.
For v(E) bar details, see sheet 10 of 24.
The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf
Cost of excavation for approach footing included with Concrete Structures.
For Granular Backfill for Structures and drainage treatment details, see sheet 2 of 24.
For additional parapet details, see sheet 10 of 24.



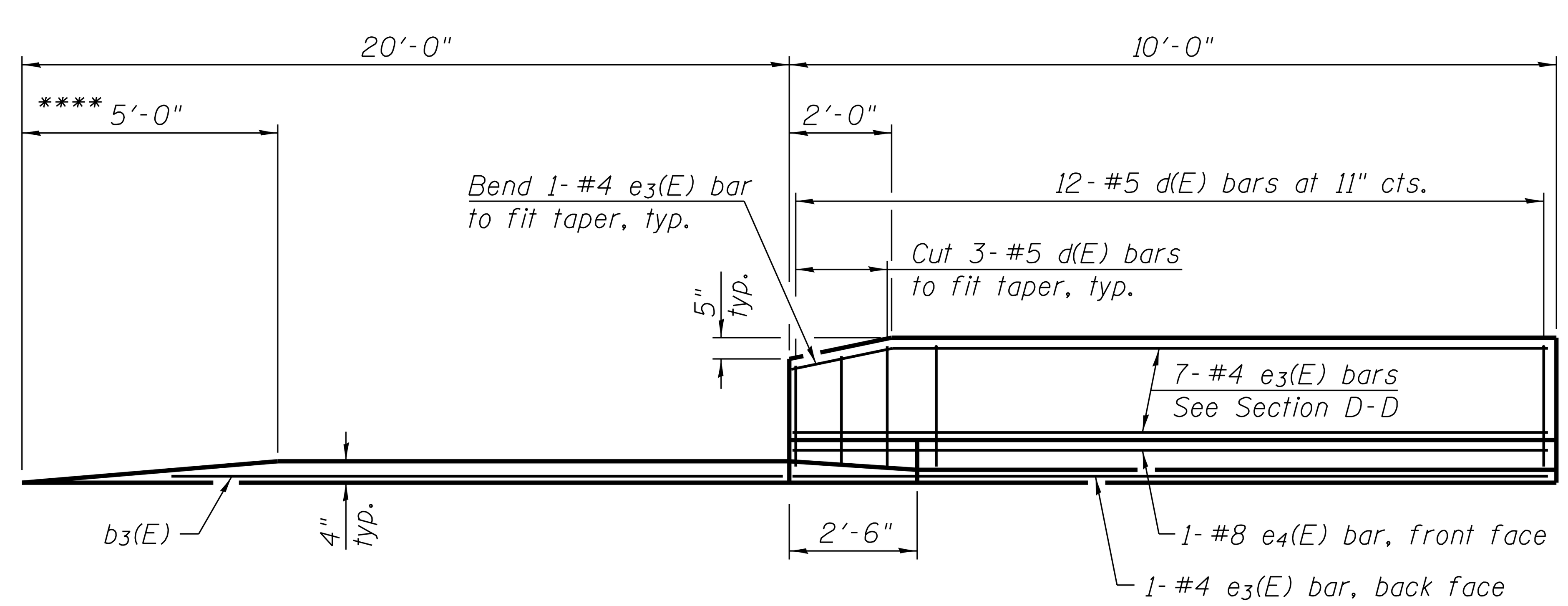
SECTION C-C

* Tilt #9 b_5(E) bars as required to maintain clearance.
** Cost included with Concrete Superstructure (Approach Slab).



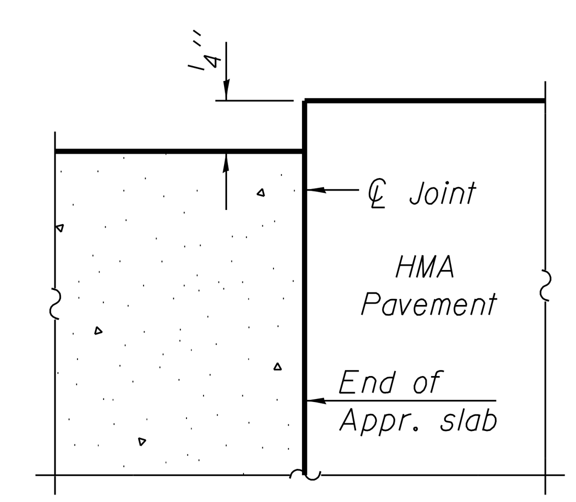
SECTION D-D

(See Plan for dimensions not shown)
***Approach Footing slopes with Approach Slab



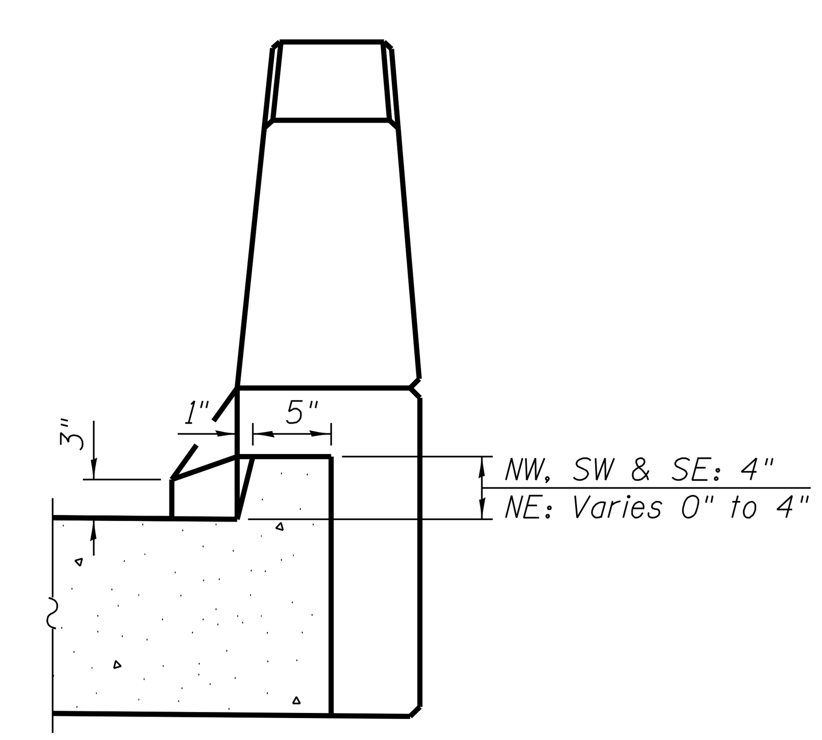
VIEW E-E

**** Northwest, southwest and southeast approach curbs shall remain a constant height of 4". Only taper northeast approach curb as shown on plans.

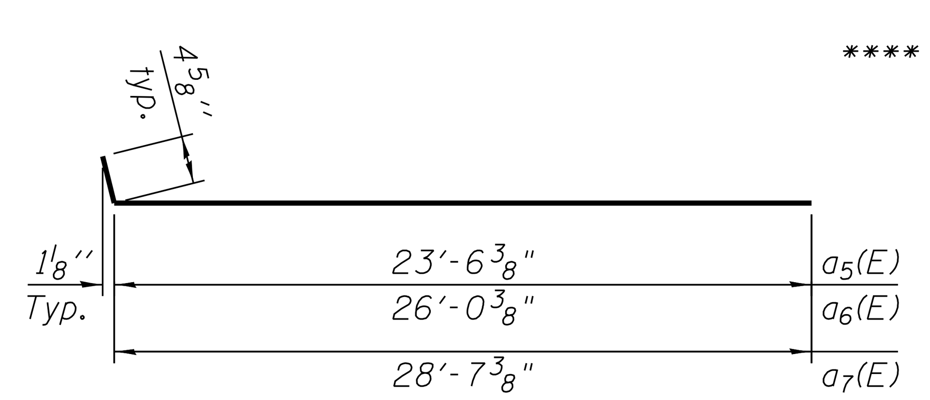


FLEXIBLE PAVEMENT

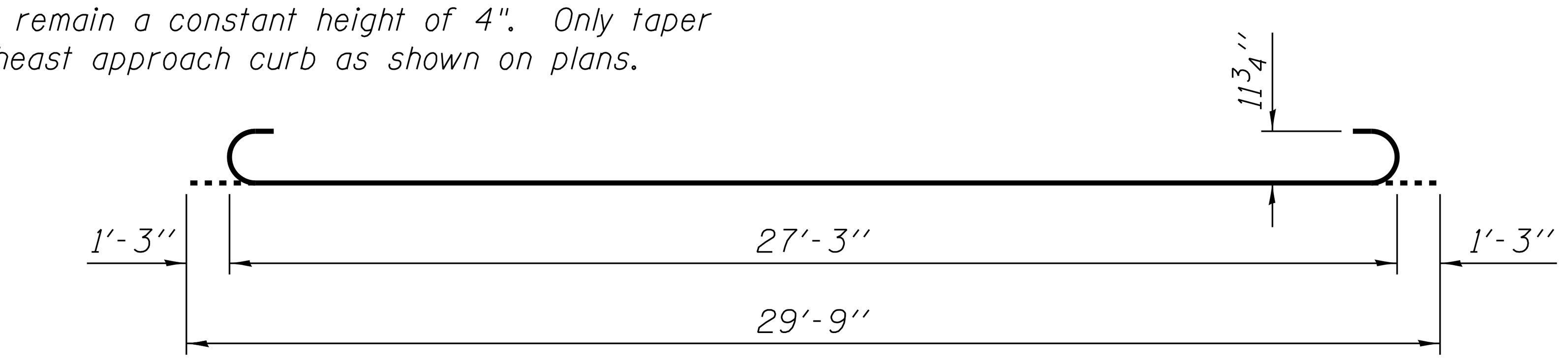
DETAIL A



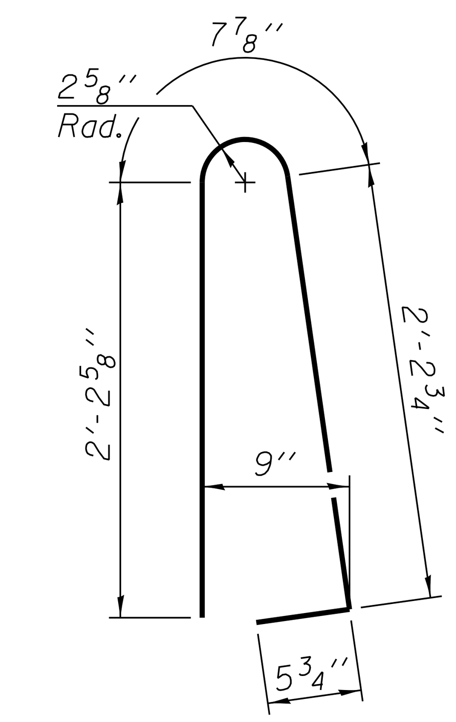
VIEW B-B



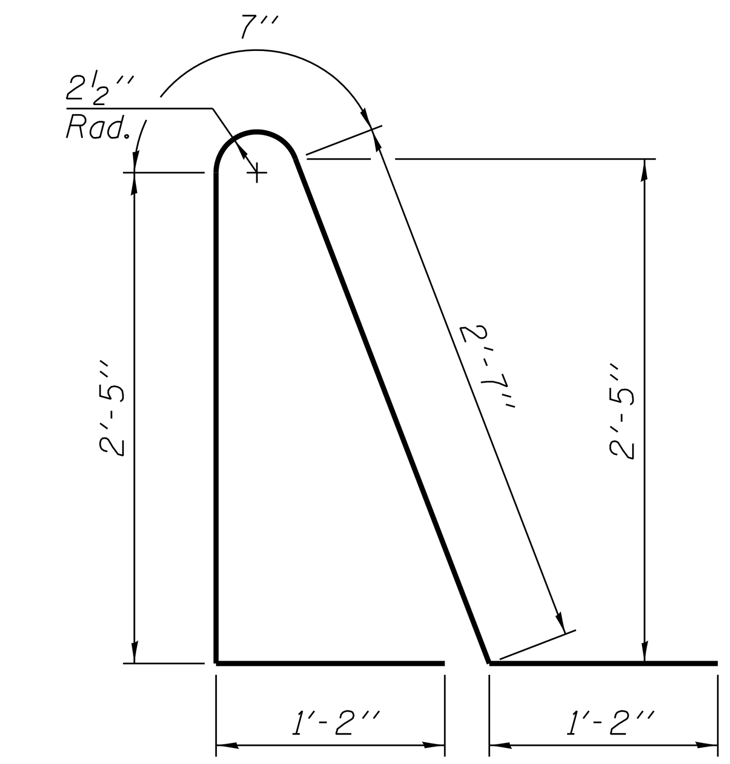
BARS a_5(E), a_6(E) & a_7(E)



BAR b_5(E)



BAR d(E)



BAR d_2(E)

TWO APPROACHES BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a_1(E)	46	#5	26'-1"	
a_2(E)	36	#6	6'-6"	
a_4(E)	92	#5	23'-7"	
a_5(E)	50	#4	23'-11"	
a_6(E)	25	#4	26'-5"	
a_7(E)	25	#4	29'-0"	
a_8(E)	46	#5	28'-8"	
b_2(E)	4	#4	9'-8"	
b_3(E)	4	#4	19'-8"	
b_4(E)	85	#4	29'-8"	
b_5(E)	245	#9	29'-9"	
d(E)	48	#5	5'-7"	
d_2(E)	48	#5	7'-11"	
e_3(E)	32	#4	9'-8"	
e_4(E)	4	#8	9'-8"	
t(E)	214	#4	9'-8"	
w(E)	80	#5	23'-7"	
w_1(E)	40	#5	26'-1"	
w_2(E)	40	#5	27'-10"	
Concrete Structures			Cu. Yd.	31.8
Concrete Superstructure			Cu. Yd.	4.6
Concrete Superstructure (Approach Slab)			Cu. Yd.	153.0
Bridge Deck Grooving			Sq. Yd.	319
Protective Coat			Sq. Yd.	356
Reinforcement Bars, Epoxy Coated			Pound	40,100

(Sheet 2 of 2)

FILE NAME = W:\Projects\2013\130282 Bliss Phll\cadd\Structural\Dgn\0453030-013-Bridge Approach Slab Details 2.dgn

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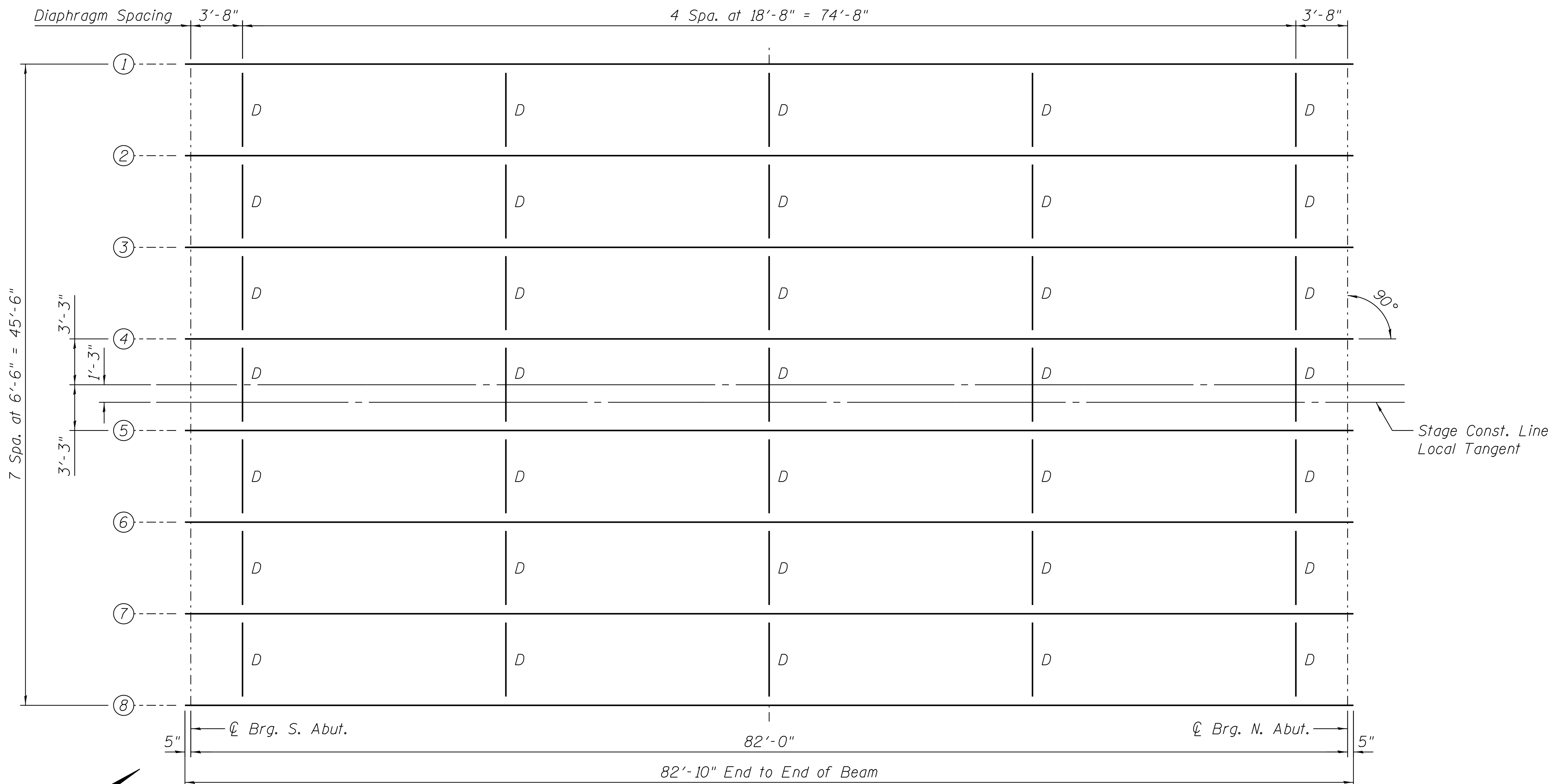
DEPARTMENT OF TRANSPORTATION

BRIDGE APPROACH SLAB DETAILS
STRUCTURE NO. 045-3030
SHEET NO. 13 OF 24 SHEETS

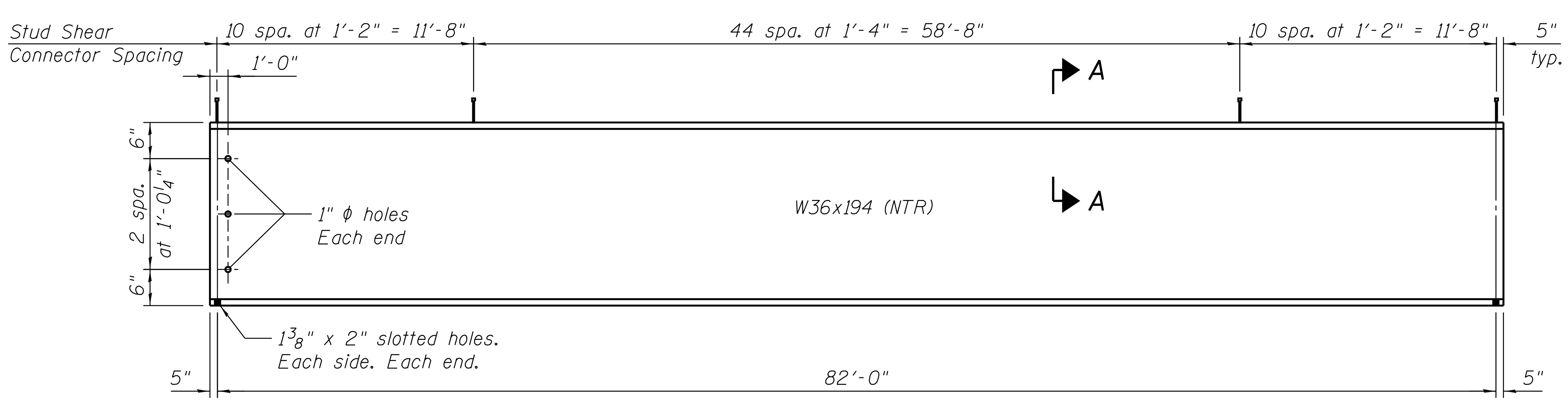
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	107

CONTRACT NO.
FED. ROAD DIST. NO. | FED. AID PROJECT

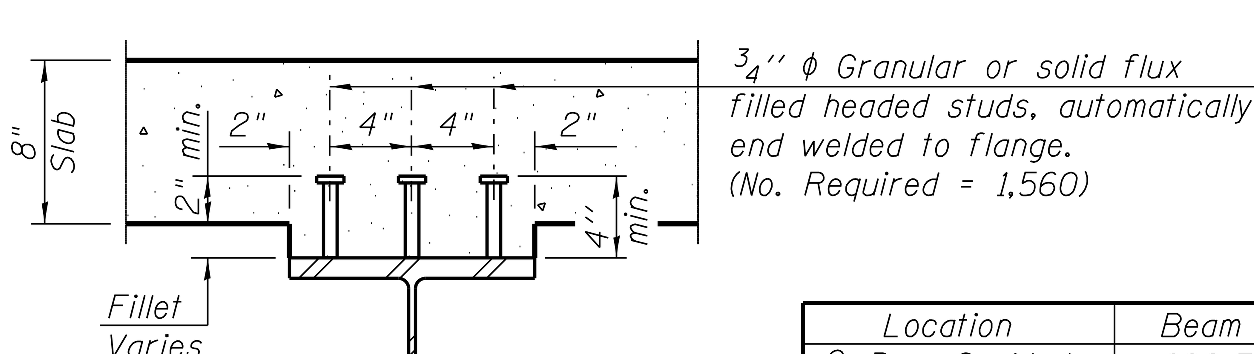


FRAMING PLAN

"D" denotes Interior Diaphragm. See Sheet 15 of 24.



ELEVATION



SECTION A-A

TOP OF BEAM ELEVATIONS

(For Fabrication Only)

Location	Beam 1	Beam 2	Beam 3	Beam 4	Beam 5	Beam 6	Beam 7	Beam 8
℄ Brg. S. Abut.	692.72	692.97	693.23	693.48	693.73	693.99	694.24	694.50
℄ Brg. N. Abut.	691.04	691.30	691.56	691.83	692.09	692.35	692.62	692.88

INTERIOR GIRDER MOMENT TABLE		
		0.5 Sp. 1
I_s	(in^4)	12,100
$I_c(n)$	(in^4)	27,957
$I_c(3n)$	(in^4)	20,364
$I_c(cr)$	(in^4)	-
S_s	(in^3)	664
$S_c(n)$	(in^3)	918
$S_c(3n)$	(in^3)	826
$S_c(cr)$	(in^3)	-
DC1	(k/')	0.876
M_{DC1}	('k)	736
DC2	(k/')	0.11
M_{DC2}	('k)	92
DW	(k/')	0.33
M_{DW}	('k)	277
M_{LL+IM}	('k)	1203
M_u (Strength I)	('k)	3557
$\phi_f M_n$	('k)	4635
f_s DC1	(ksi)	13.30
f_s DC2	(ksi)	1.34
f_s DW	(ksi)	4.02
f_s (LL+IM)	(ksi)	15.73
f_s (Service II)	(ksi)	39.11
$0.95R_hF_{yf}$	(ksi)	47.5
f_s (Total)(Strength I)	(ksi)	-
$\phi_f F_n$	(ksi)	-
V_f	(k)	24.9

INTERIOR GIRDER REACTION TABLE		
		Abut.
R_{DC1}	(k)	35.9
R_{DC2}	(k)	4.5
R_{DW}	(k)	13.5
R_{LL+IM}	(k)	78.5
R_{Total}	(k)	132.4

I_s, S_s: Non-composite moment of inertia and section modulus of the steel section used for computing f_s (Total-Strength I, and Service II) due to non-composite dead loads ($in.^4$ and $in.^3$).

$I_c(n)$, $S_c(n)$: Composite moment of inertia and section modulus of the steel and deck based upon the modular ratio, "n", used for computing f_s (Total-Strength I, and Service II) in uncracked sections, due to short-term composite live loads ($in.^4$ and $in.^3$).

$I_c(3n)$, $S_c(3n)$: Composite moment of inertia and section modulus of the steel and deck based upon 3 times the modular ratio, "3n", used for computing f_s (Total-Strength I, and Service II) in uncracked sections, due to long-term composite (superimposed) dead loads ($in.^4$ and $in.^3$).

$I_c(cr)$, $S_c(cr)$: Composite moment of inertia and section modulus of the steel and longitudinal deck reinforcement, used for computing f_s (Total-Strength I and Service II) in cracked sections, due to both short-term composite live loads and long-term composite dead loads ($in.^4$ and $in.^3$).

DC1: Un-factored non-composite dead load (kips/ft.).

M_{DC1}: Un-factored moment due to non-composite dead load (kip-ft.).

DC2: Un-factored long-term composite (superimposed excluding future wearing surface) dead load (kips/ft.).

M_{DC2}: Un-factored moment due to long-term composite (superimposed excluding future wearing surface) dead load (kip-ft.).

DW: Un-factored long-term composite (superimposed future wearing surface only) dead load (kips/ft.).

M_{DW}: Un-factored moment due to long-term composite (superimposed future wearing surface only) dead load (kip-ft.).

M_{LL+IM}: Un-factored live load moment plus dynamic load allowance (impact) ((kip-ft.).

M_u (Strength I): Factored design moment (kip-ft.).
$1.25\ (M_{DC1} + M_{DC2}) + 1.5\ M_{DW} + 1.75\ M_{LL+IM}$

$\phi_f M_n$: Compact composite positive moment capacity computed according to Article 6.10.7.1 (kip-ft.).

f_s DC1: Un-factored stress at edge of flange for controlling steel flange due to vertical non-composite dead loads as calculated below (ksi).
M_{DC1} / S_{nc}

f_s DC2: Un-factored stress at edge of flange for controlling steel flange due to vertical composite dead loads as calculated below (ksi).
M_{DC2} / $S_c(3n)$ or M_{DC2} / $S_c(cr)$ as applicable.

f_s DW: Un-factored stress at edge of flange for controlling steel flange due to vertical composite future wearing surface loads as calculated below (ksi).
M_{DW} / $S_c(3n)$ or M_{DW} / $S_c(cr)$ as applicable.

f_s (LL+IM): Un-factored stress at edge of flange for controlling steel flange due to vertical composite live plus impact loads as calculated below (ksi).
M_{LL+IM} / $S_c(n)$ or M_{LL+IM} / $S_c(cr)$ as applicable.

f_s (Service II): Sum of stresses as computed below (ksi).
$f_{sDC1} + f_{sDC2} + f_{sDW} + 1.3\ f_s(LL+IM)$

$0.95R_hF_{yf}$: Composite stress capacity for Service II loading according to Article 6.10.4.2 (ksi).

f_s (Total)(Strength I): Sum of stresses as computed below on non-compact section (ksi).
$1.25\ (f_{sDC1} + f_{sDC2}) + 1.5\ f_{sDW} + 1.75\ f_{sLL+IM}$

$\phi_f F_n$: Non-Compact composite positive or negative stress capacity for Strength I loading according to Article 6.10.7.2 (ksi).

V_f: Maximum factored shear range in composite portion of span computed according to Article 6.10.10.

NOTES:

1. All beams shall be W36x194 AASHTO M270 Grade 50W (NTR). All diaphragms and connecting angles shall be AASHTO M270 Grade 50W. All bearing plates shall be AASHTO M270 Grade 50W.

2. All diaphragms shall be installed as the steel is erected and secured with erection pins and bolts except as otherwise noted.

3. Load carrying components designated "NTR" shall conform to the Supplemental Requirements for Notch Toughness, Zone 2.

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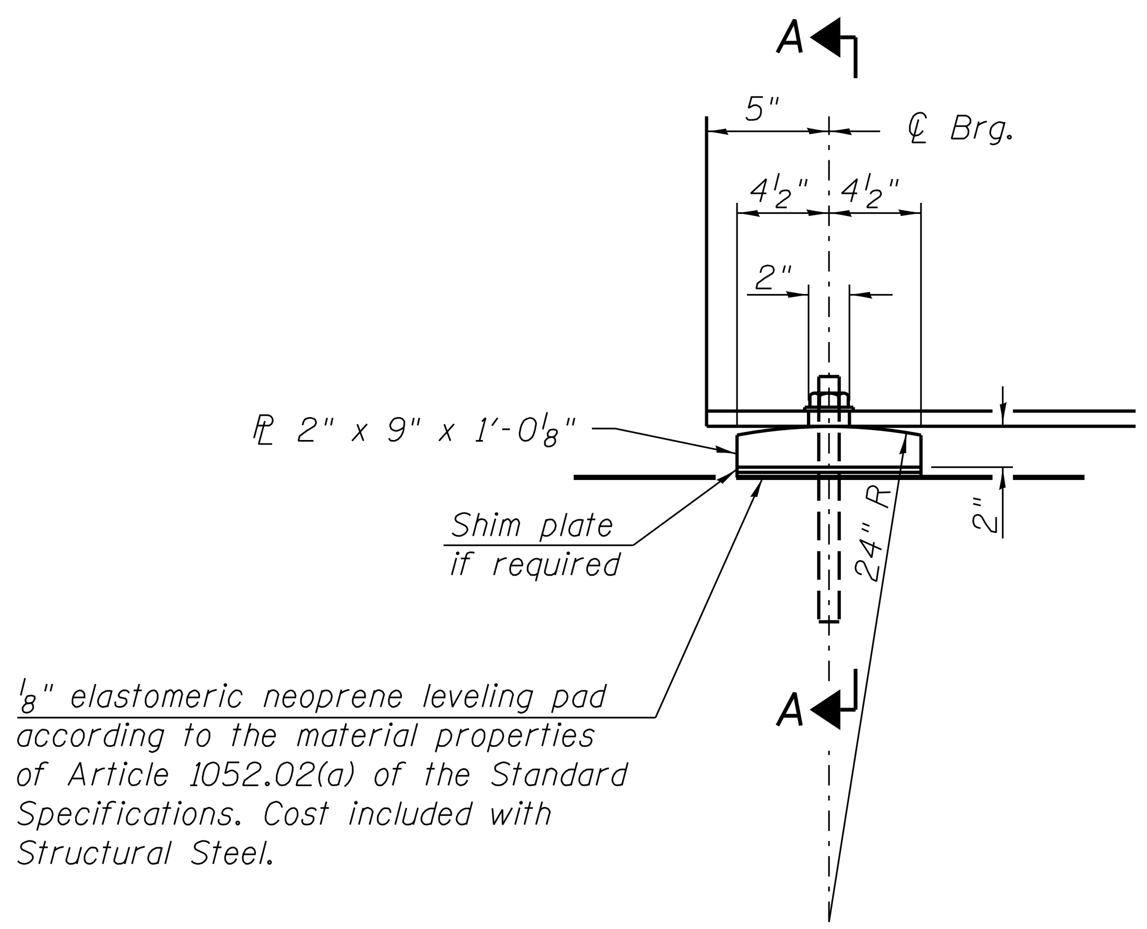
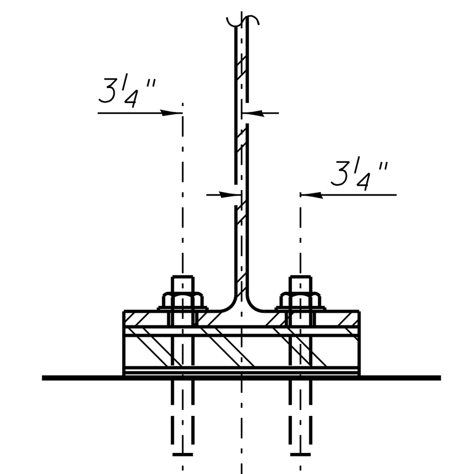
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURAL STEEL
STRUCTURE NO. 045-3030

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	108
		CONTRACT NO.		
FED. ROAD DIST. NO.		FED. AID PROJECT		



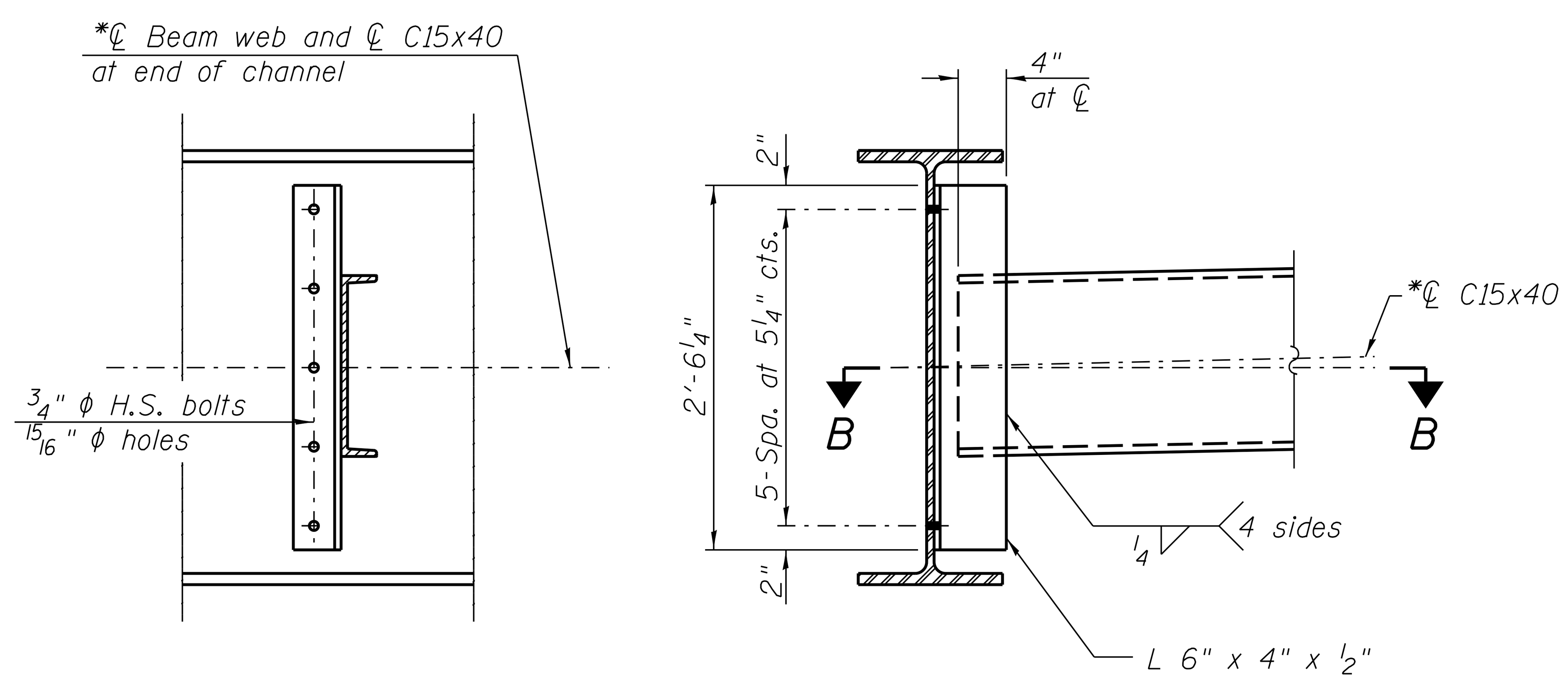
ELEVATION AT ABUTMENT



℄ 1" ϕ x 12" anchor bolts with 2 1/4" x 2 1/4" x 5/16" ℘ washer under nut.
1 3/8" x 2" slotted hole in flange.
1 1/2" ϕ holes in bearing plate.

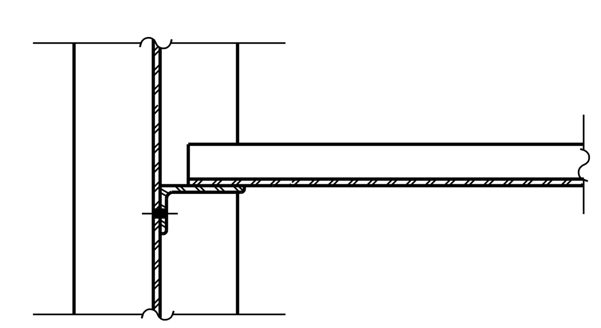
SECTION A-A

FIXED BEARING
(16 Required)



INTERIOR DIAPHRAGM, D
(35 Required)

Note:
Two hardened washers required for each set of oversized holes.
*C15x50 is permitted to facilitate material acquisition. Calculated weight of structural steel is based on the lighter section.
The alternate, if utilized, shall be provided at no additional cost to the Owner.



SECTION B-B

NOTES:

1. Anchor bolts shall be ASTM F1554 all-thread (or an Engineer-approved alternate material) of the grade(s) and diameter(s) specified. The corresponding specified grade of AASHTO M314 anchor bolts may be used in lieu of ASTM F1554.
2. Anchor bolts at fixed bearings may be either cast in place or installed in holes drilled after the supported member is in place.
3. Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.
4. Two 1/8" adjusting shims shall be provided for each bearing location in addition to all other plates and shims and placed as shown on the bearing details.

BILL OF MATERIAL

Item	Unit	Total
Anchor Bolts, 1"	Each	32

FILE NAME = W:\Projects\2013\130282 Bliss Phil\cadd\Structural\Dgn\0453030-015-Structural Steel Details.dgn

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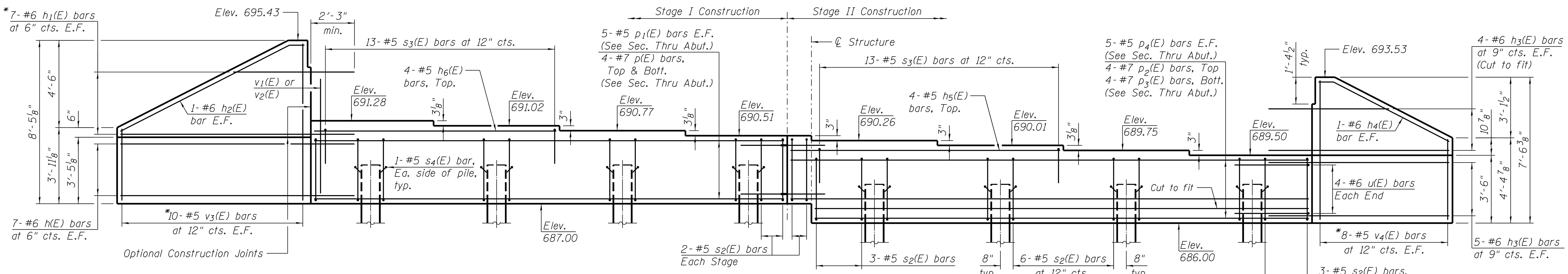
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

STRUCTURAL STEEL DETAILS
STRUCTURE NO. 045-3030
SHEET NO. 15 OF 24 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	109

CONTRACT NO.
FED. ROAD DIST. NO. | FED. AID PROJECT

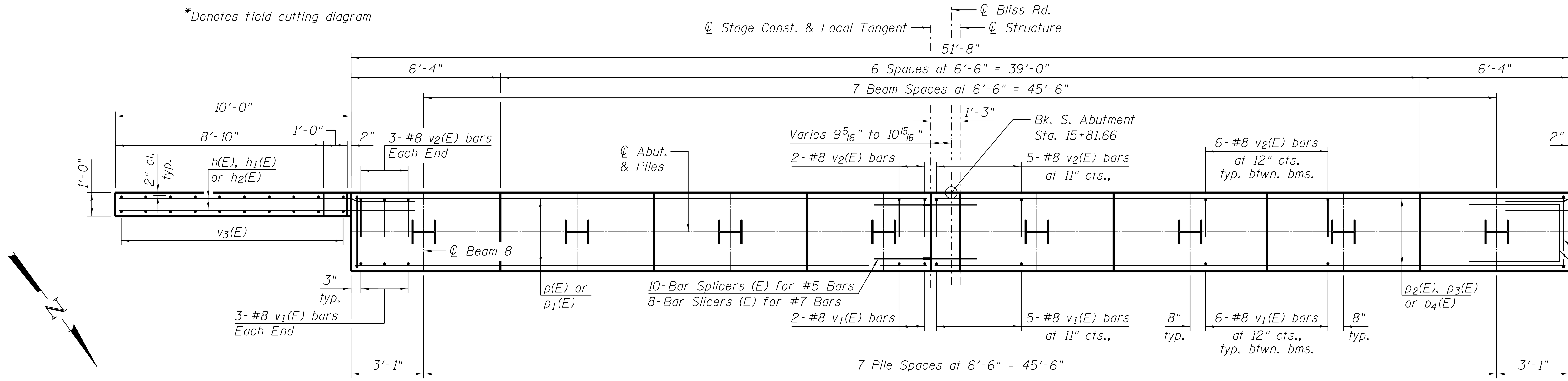


ELEVATION

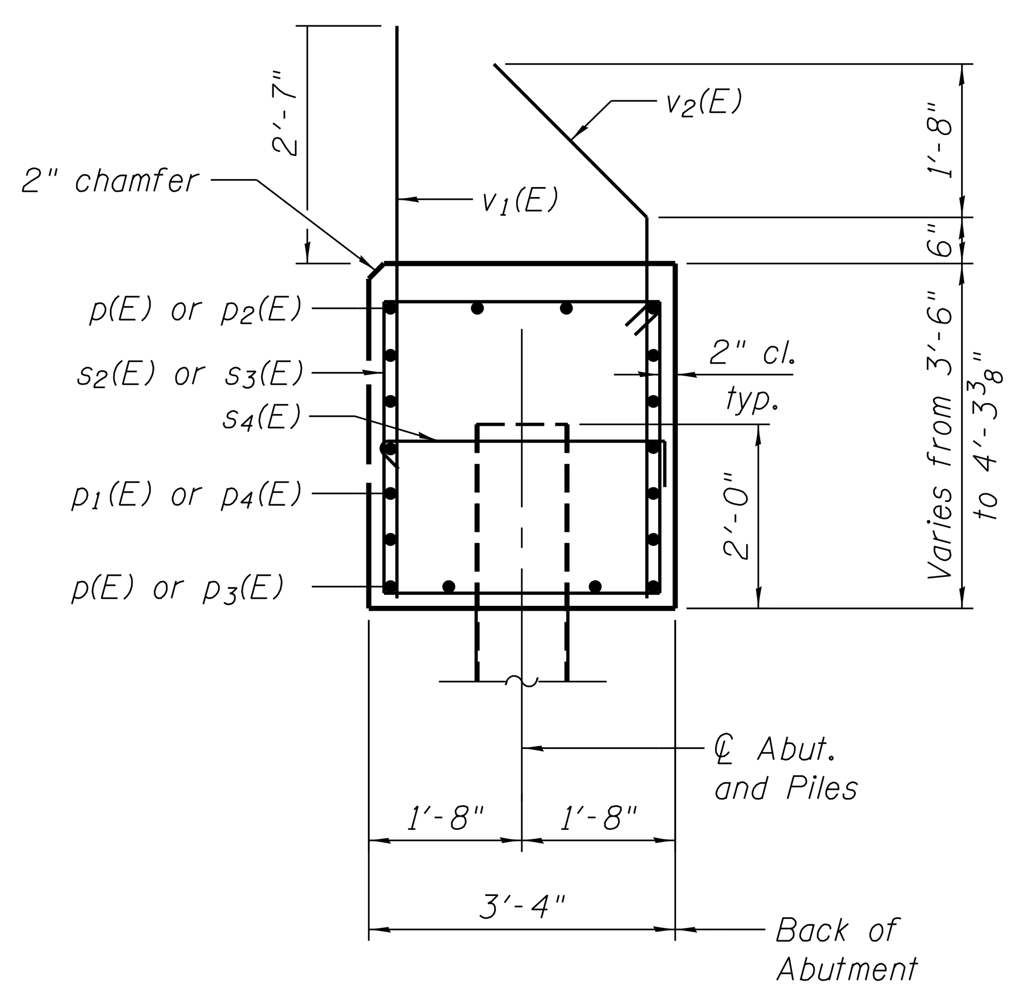
(Looking south)

Note:
Pour steps monolithically with cap.

*Denotes field cutting diagram

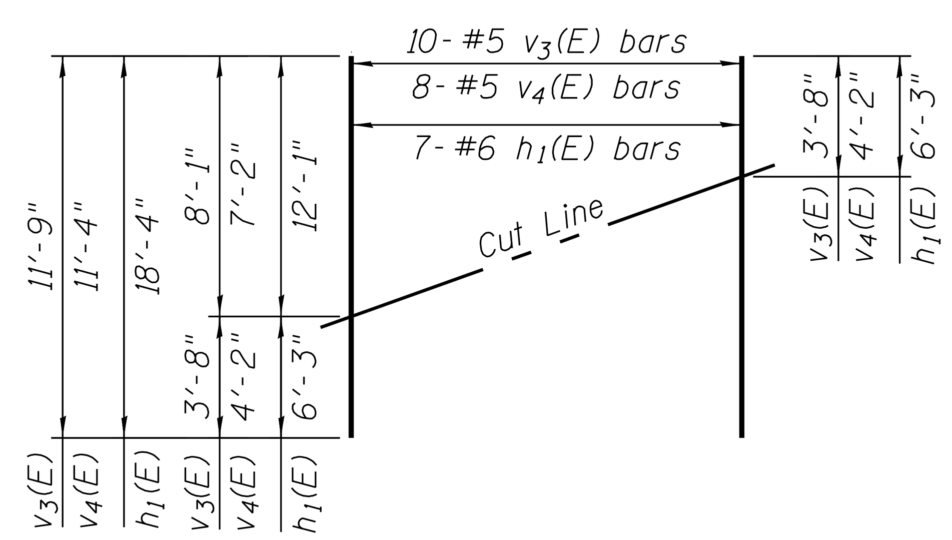


PLAN



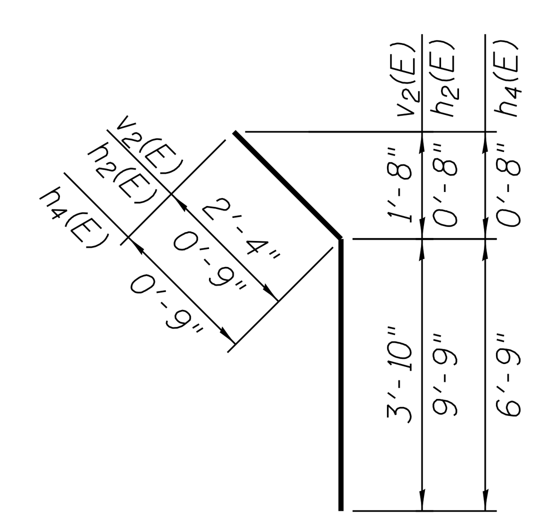
SEC. THRU ABUT.

Dimensions at right angles to abutment.

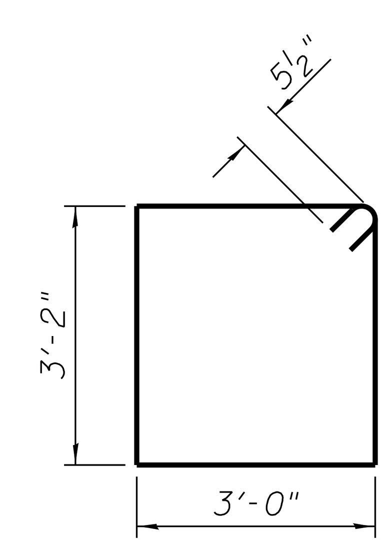


FIELD CUTTING DIAGRAM

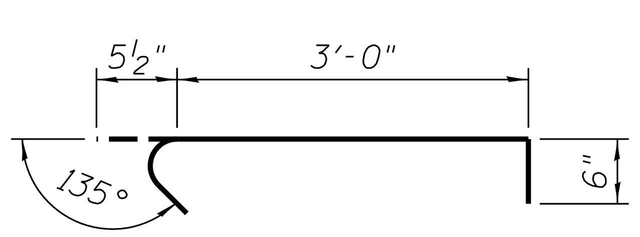
Order h_1(E), v_3(E) & v_4(E) full length. Cut as shown and use remainder of bars in opposite face.



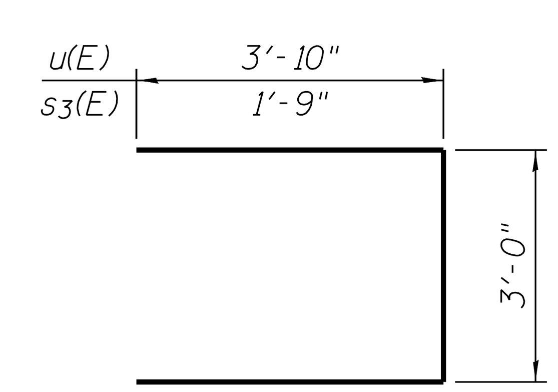
BARS v_2(E), h_2(E) & h_4(E)



BAR s_2(E)



BAR s_4(E)



BARS u(E) & s_3(E)

PILE DATA

Type: HP 12x53
Nominal Required Bearing: 419k
Factored Resistance Available: 230k
Est. Length: 32.0'
No. Production Piles: 7
No. Test Piles: 1

NOTES

For details of piles see sheet 18 of 24.

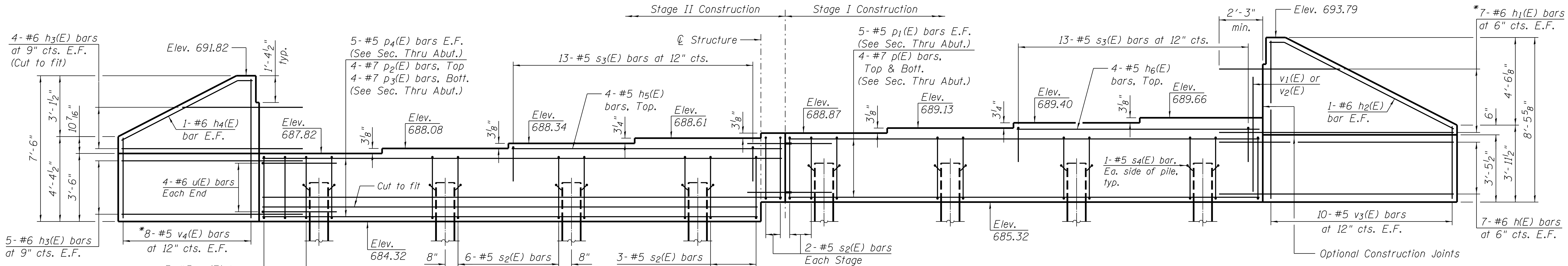
For details of Integral Abutment Bearing, see sheet 15 of 24.

For drainage details, see Section Thru Integral Abutment on sheet 2 of 24.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	14	#6	12'-1"	
h_1(E)	7	#6	18'-4"	
h_2(E)	2	#6	10'-6"	
h_3(E)	18	#6	9'-4"	
h_4(E)	2	#6	7'-6"	
h_5(E)	4	#5	13'-11"	
h_6(E)	4	#5	12'-6"	
p(E)	8	#7	24'-3"	
p_1(E)	10	#5	24'-3"	
p_2(E)	4	#7	26'-9"	
p_3(E)	4	#7	25'-6"	
p_4(E)	10	#5	26'-9"	
s_2(E)	49	#5	13'-3"	
s_3(E)	26	#5	6'-6"	
s_4(E)	16	#5	4'-0"	
u(E)	8	#6	10'-8"	
v_1(E)	49	#8	5'-11"	
v_2(E)	49	#8	6'-2"	
v_3(E)	10	#5	11'-9"	
v_4(E)	8	#5	11'-4"	

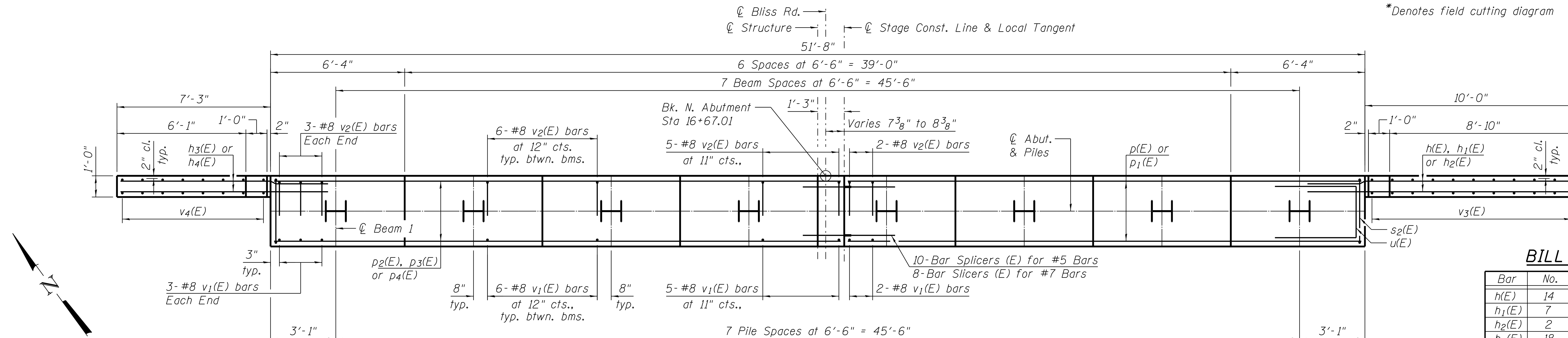
Structure Excavation	Cu. Yd.	40
Concrete Structures	Cu. Yd.	28.9
Reinforcement Bars, Epoxy Coated	Pound	5,070
Furnishing Steel Piles HP 12x53	Foot	224
Driving Piles	Foot	224
Test Pile Steel HP 12x53	Each	1
Pile Shoes	Each	8



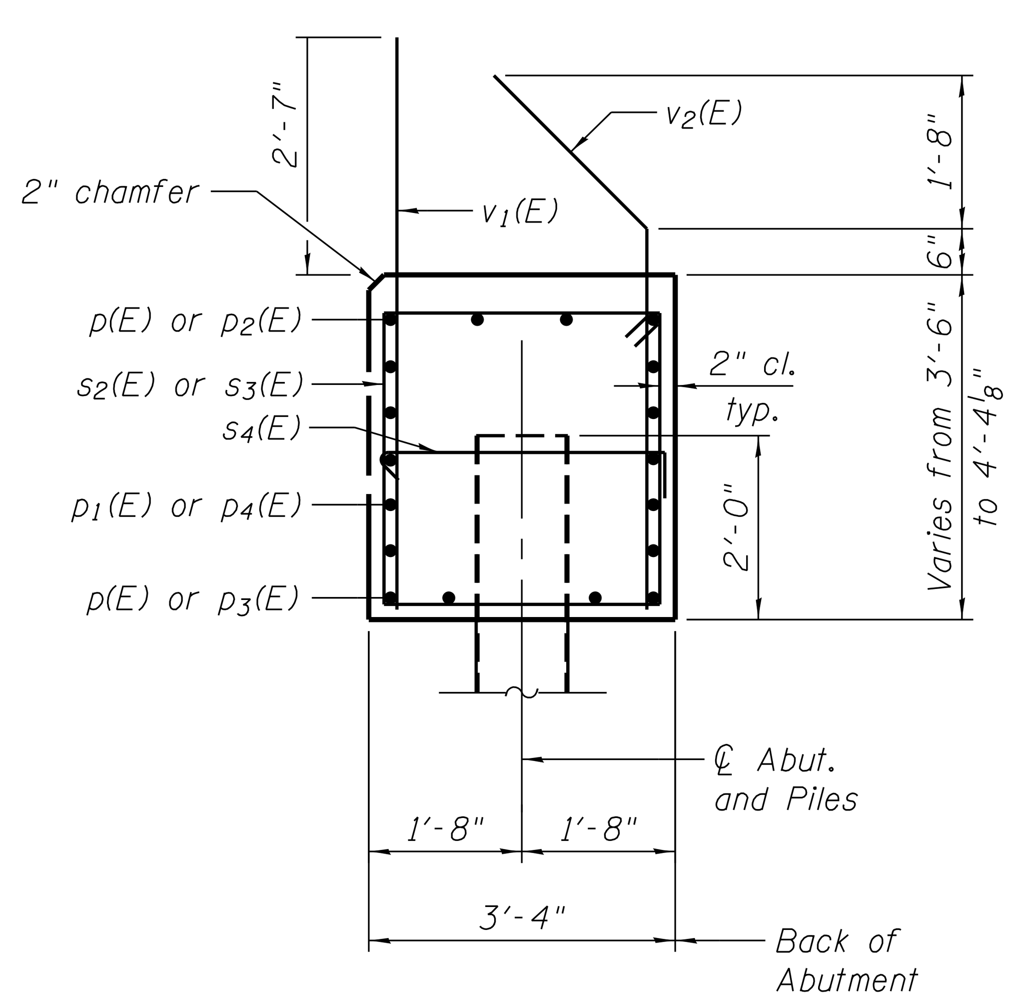
ELEVATION

(Looking north)

Note:
Pour steps monolithically with cap.
*Denotes field cutting diagram

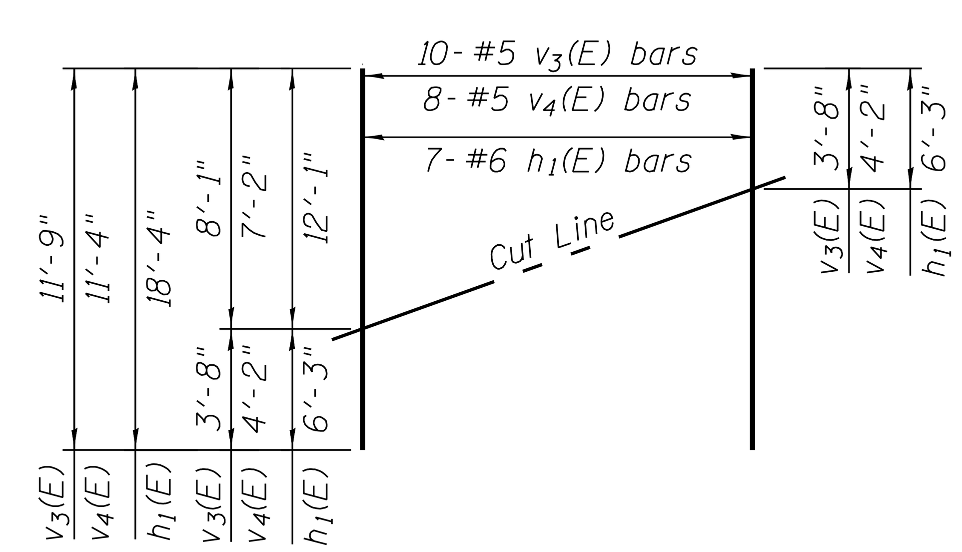


PLAN



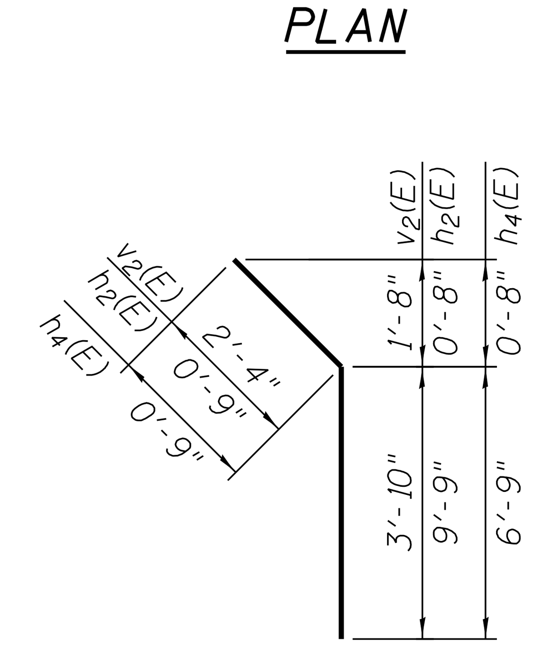
SEC. THRU ABUT.

Dimensions at right angles to abutment.

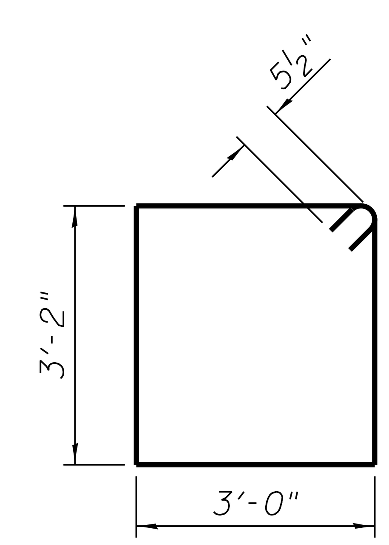


FIELD CUTTING DIAGRAM

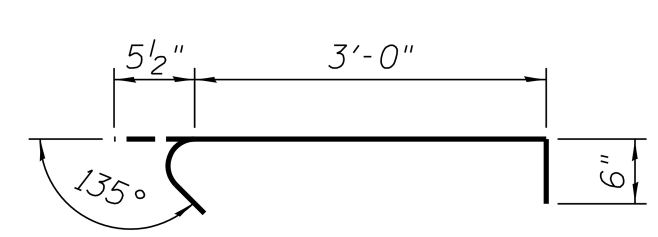
Order $h_1(E)$, $v_3(E)$ & $v_4(E)$ full length. Cut as shown and use remainder of bars in opposite face.



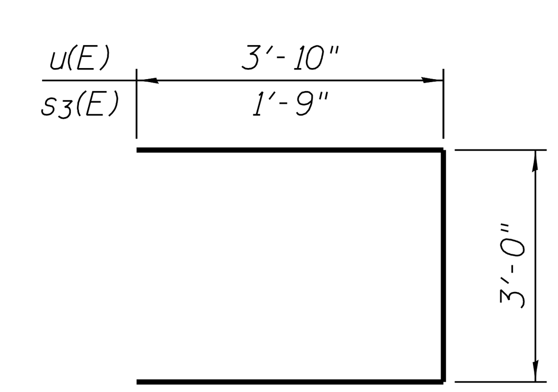
BARS $v_2(E)$, $h_2(E)$ & $h_4(E)$



BAR $s_2(E)$



BAR $s_4(E)$



BARS $u(E)$ & $s_3(E)$

PILE DATA

Type: HP 12x53
Nominal Required Bearing: 419k
Factored Resistance Available: 230k
Est. Length: 34.0'
No. Production Piles: 7
No. Test Piles: 1

NOTES

For details of piles see sheet 18 of 24.
For details of Integral Abutment Bearing, see sheet 15 of 24.
For drainage details, see Section Thru Integral Abutment on sheet 2 of 24.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
h(E)	14	#6	12'-1"	
$h_1(E)$	7	#6	18'-4"	
$h_2(E)$	2	#6	10'-6"	
$h_3(E)$	18	#6	9'-4"	
$h_4(E)$	2	#6	7'-6"	
$h_5(E)$	4	#5	13'-11"	
$h_6(E)$	4	#5	12'-6"	
p(E)	8	#7	24'-3"	
$p_1(E)$	10	#5	24'-3"	
$p_2(E)$	4	#7	26'-9"	
$p_3(E)$	4	#7	25'-6"	
$p_4(E)$	10	#5	26'-9"	
$s_2(E)$	49	#5	13'-3"	
$s_3(E)$	26	#5	6'-6"	
$s_4(E)$	16	#5	4'-0"	
u(E)	8	#6	10'-8"	
$v_1(E)$	49	#8	5'-11"	
$v_2(E)$	49	#8	6'-2"	
$v_3(E)$	10	#5	11'-9"	
$v_4(E)$	8	#5	11'-4"	

Item	Unit	Quantity
Structure Excavation	Cu. Yd.	77
Concrete Structures	Cu. Yd.	29.1
Reinforcement Bars, Epoxy Coated	Pound	5,070
Furnishing Steel Piles HP 12x53	Foot	238
Driving Piles	Foot	238
Test Pile Steel HP 12x53	Each	1
Pile Shoes	Each	8

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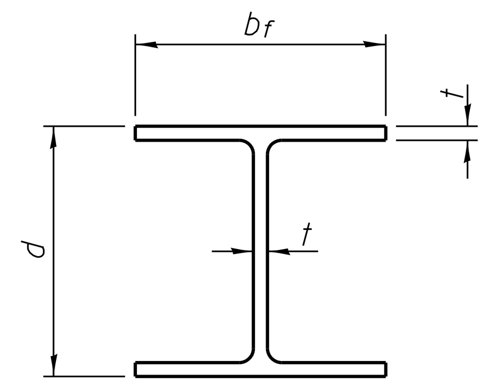
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

NORTH ABUTMENT
STRUCTURE NO. 045-3030
SHEET NO. 17 OF 24 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	111

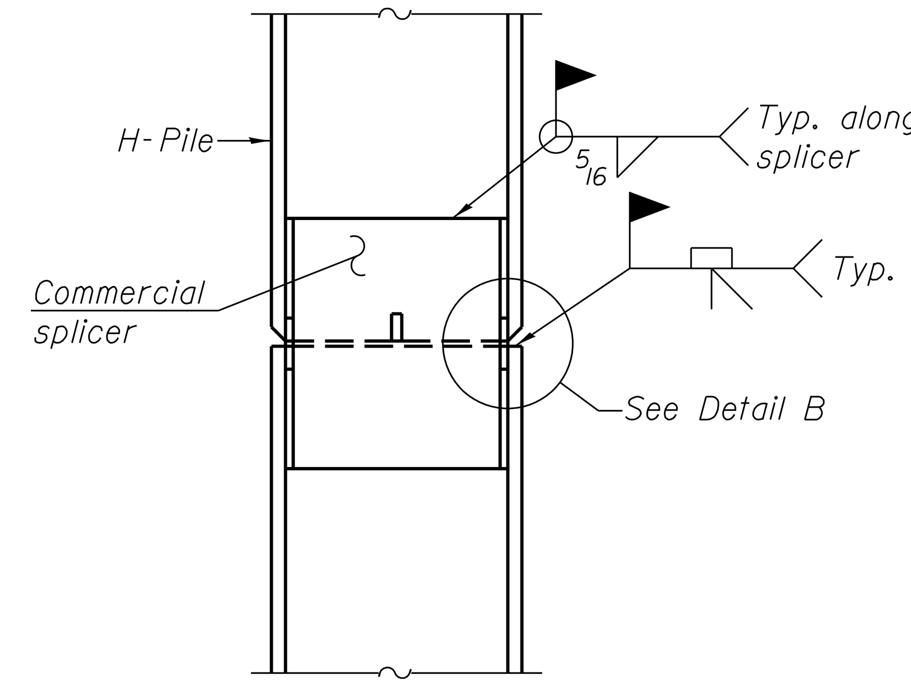
CONTRACT NO.

FED. ROAD DIST. NO. | FED. AID PROJECT

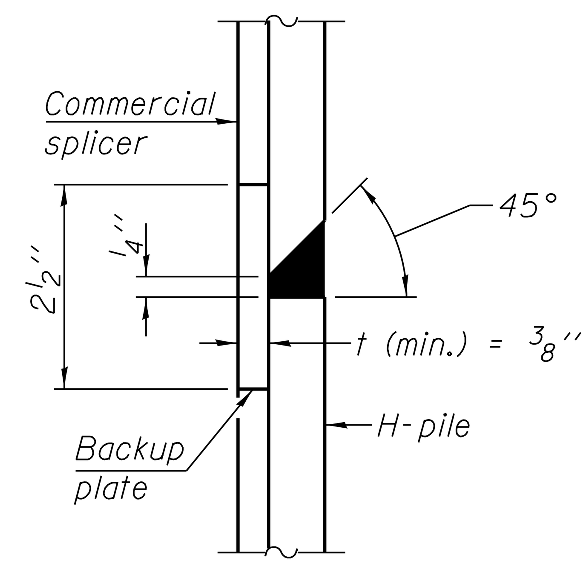


STEEL PILE TABLE

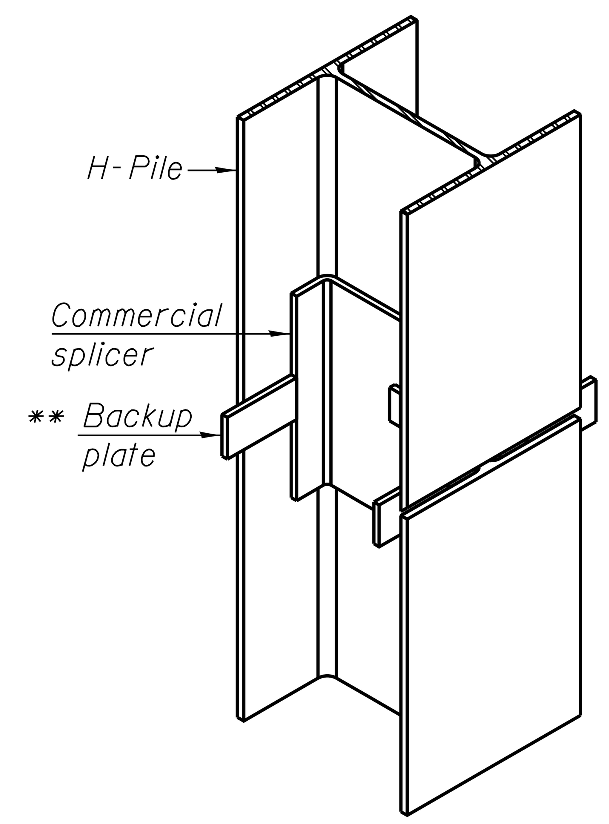
Designation	Depth d	Flange width b_f	Web and Flange thickness t	Encasement diameter A
HP 14x117	14 1/4''	14 7/8''	13/16''	30''
x102	14''	14 3/4''	11/16''	30''
x89	13 7/8''	14 3/4''	5/8''	30''
x73	13 5/8''	14 5/8''	1/2''	30''
HP 12x84	12 1/4''	12 1/4''	11/16''	24''
x74	12 1/8''	12 1/4''	5/8''	24''
x63	12''	12 1/8''	1/2''	24''
x53	11 3/4''	12''	7/16''	24''
HP 10x57	10''	10 1/4''	9/16''	24''
x42	9 3/4''	10 1/8''	7/16''	24''
HP 8x36	8''	8 1/8''	7/16''	18''



ELEVATION

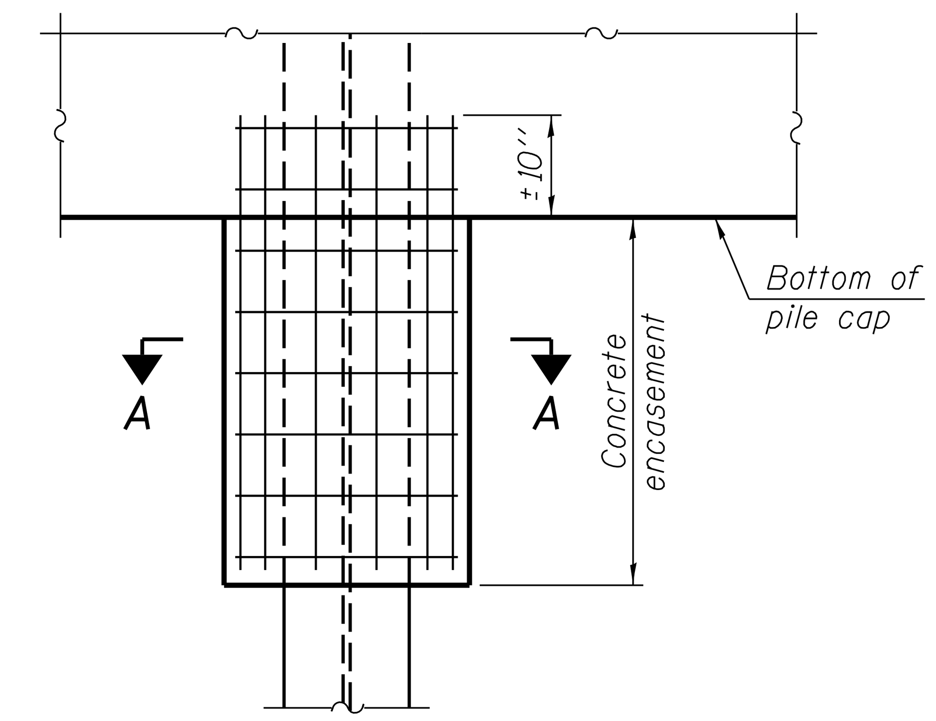


DETAIL "B"



ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE



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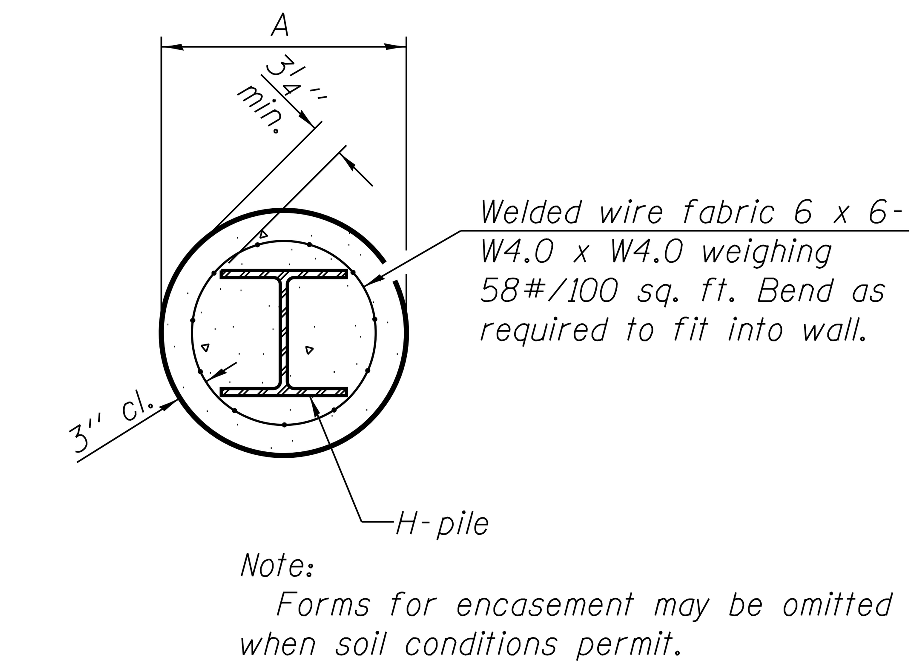
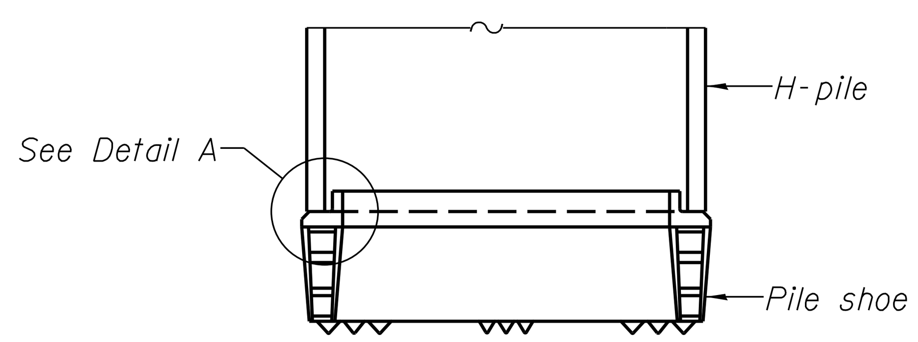


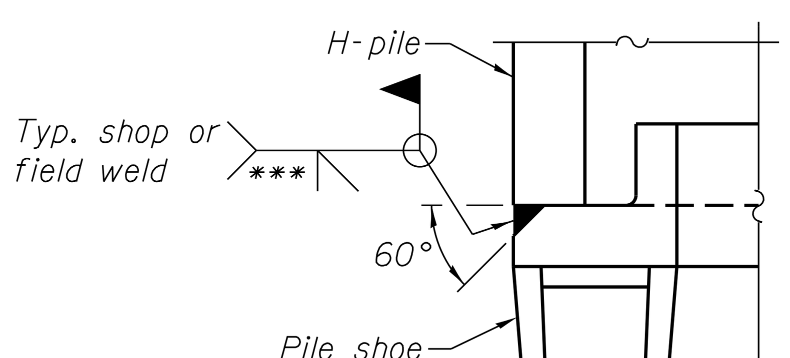
Note:
Forms for encasement may be omitted when soil conditions permit.

SECTION A-A

PILE ENCASEMENT

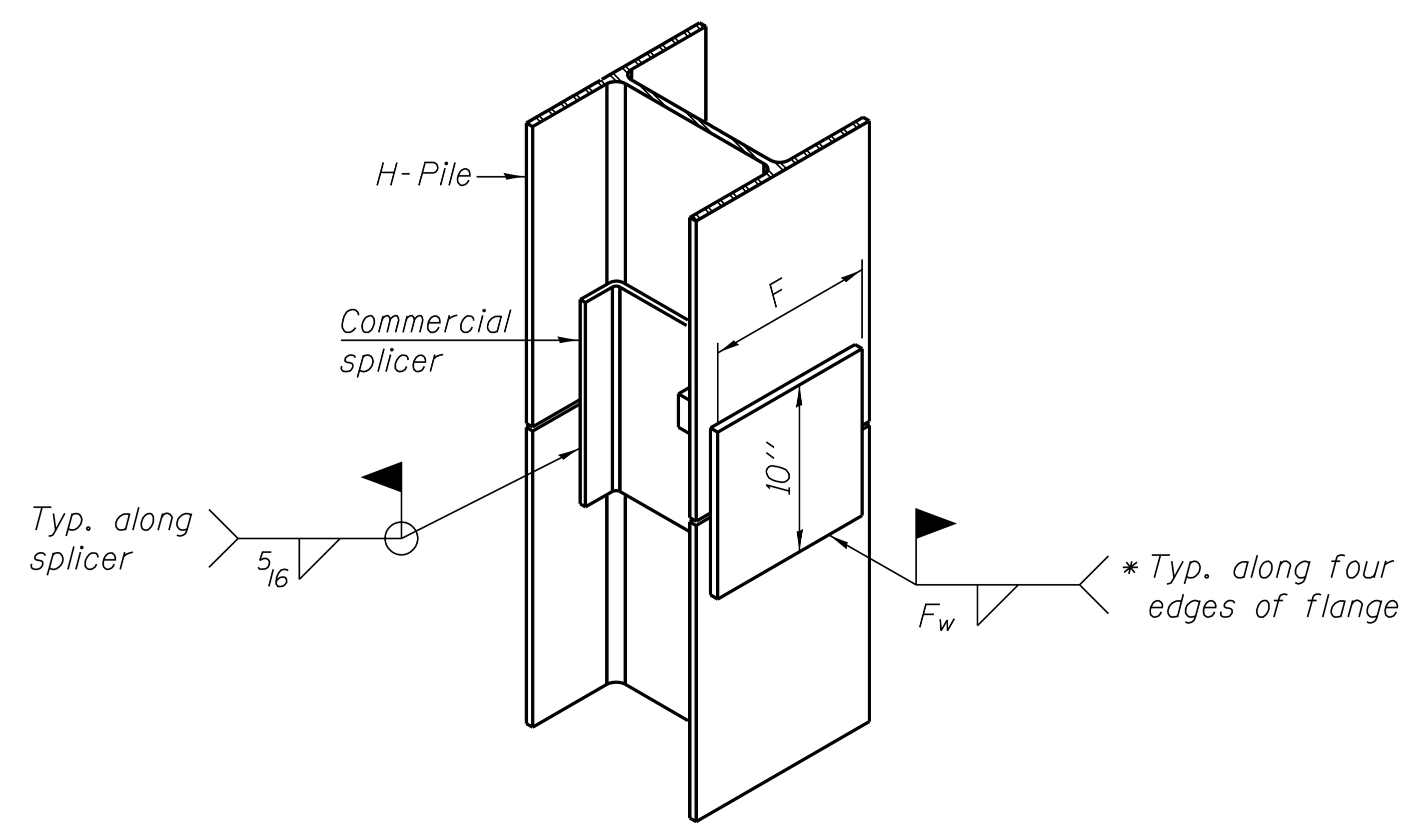


ELEVATION



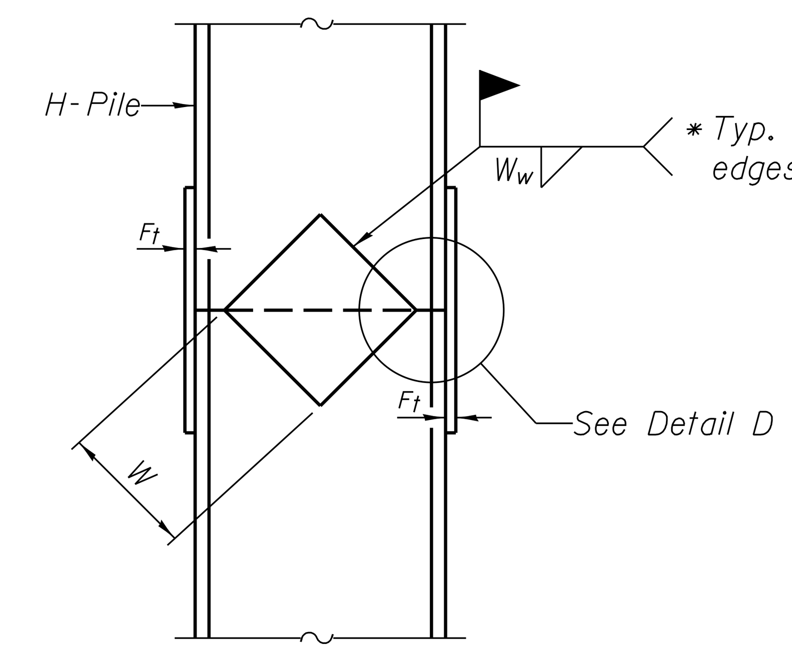
DETAIL A

H-PILE SHOE ATTACHMENT



ISOMETRIC VIEW

WELDED COMMERCIAL SPLICE ALTERNATE



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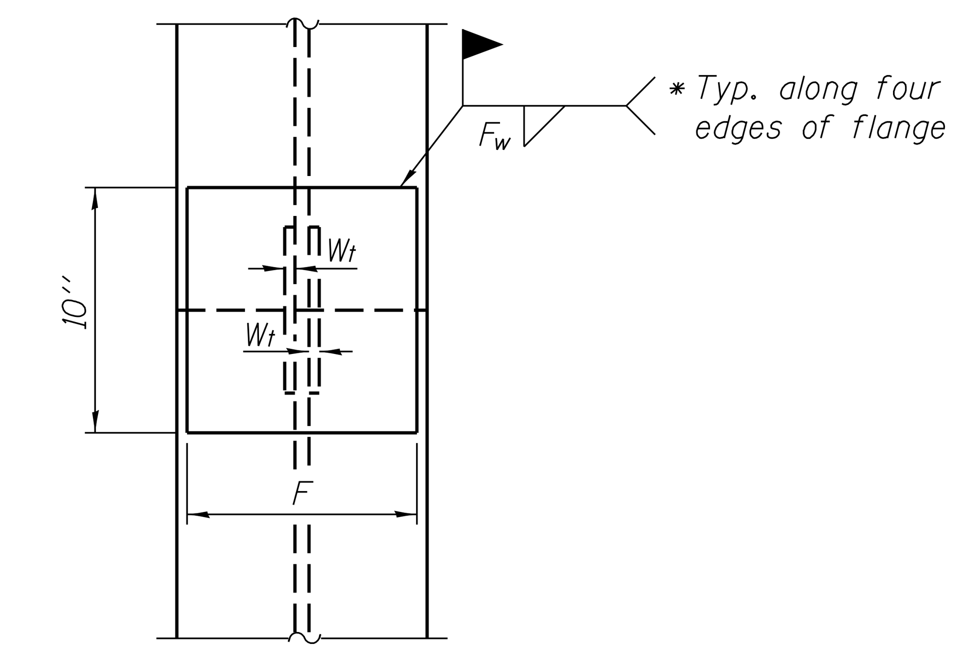
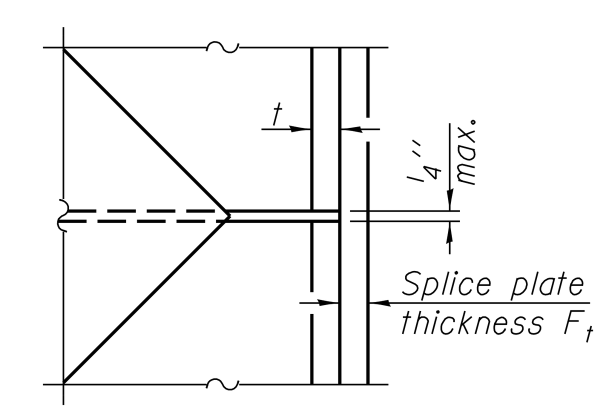


END VIEW



DETAIL D

Designation	F	F_t	F_w	W	W_t	W_w
HP 14x117	12 1/2''	1''	7/8''	7 3/4''	5/8''	1/2''
x102	12 1/2''	7/8''	3/4''	7 3/4''	5/8''	1/2''
x89	12 1/2''	3/4''	11/16''	7 3/4''	5/8''	1/2''
x73	12 1/2''	5/8''	9/16''	7 3/4''	5/8''	1/2''
HP 12x84	10''	7/8''	11/16''	6 1/2''	5/8''	1/2''
x74	10''	7/8''	11/16''	6 1/2''	5/8''	1/2''
x63	10''	5/8''	1/2''	6 1/2''	1/2''	3/8''
x53	10''	5/8''	1/2''	6 1/2''	1/2''	3/8''
HP 10x57	8''	3/4''	9/16''	5 1/4''	1/2''	3/8''
x42	8''	5/8''	9/16''	5 1/4''	1/2''	3/8''
HP 8x36	7''	5/8''	7/16''	4 1/4''	1/2''	3/8''

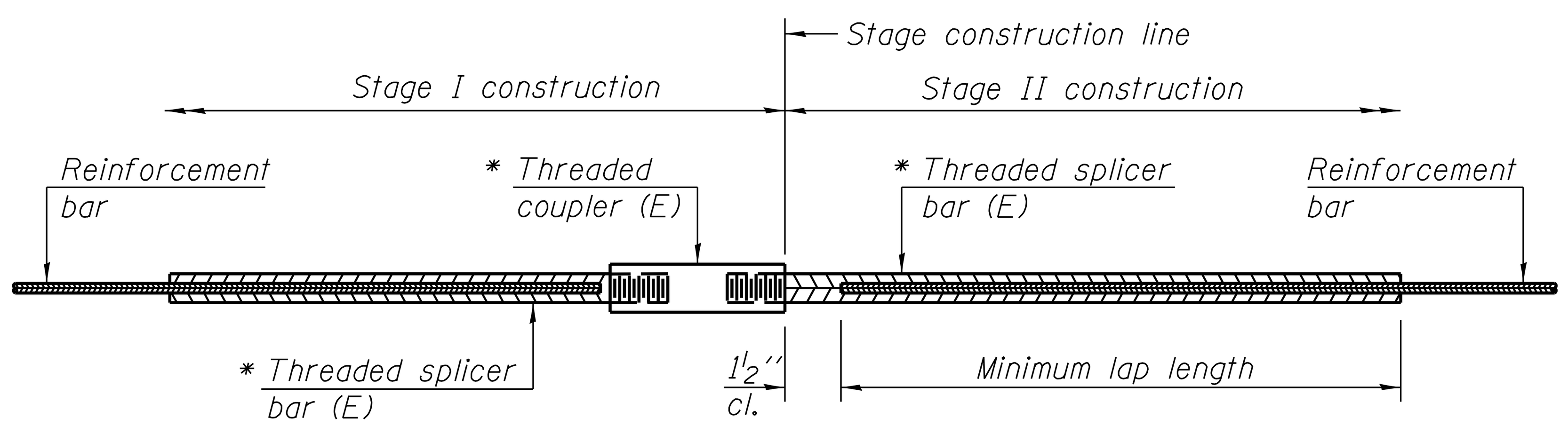
WELDED PLATE FIELD SPLICE

* Interrupt welds 1/4'' from end of web and/or each flange.

** Remove portions of backup plates that extend outside the flanges.

*** Weld size per pile shoe manufacturer (5/16'' min.).

Note:
The steel H-piles shall be according to AASHTO M270 Grade 50.



STANDARD BAR SPLICER ASSEMBLY

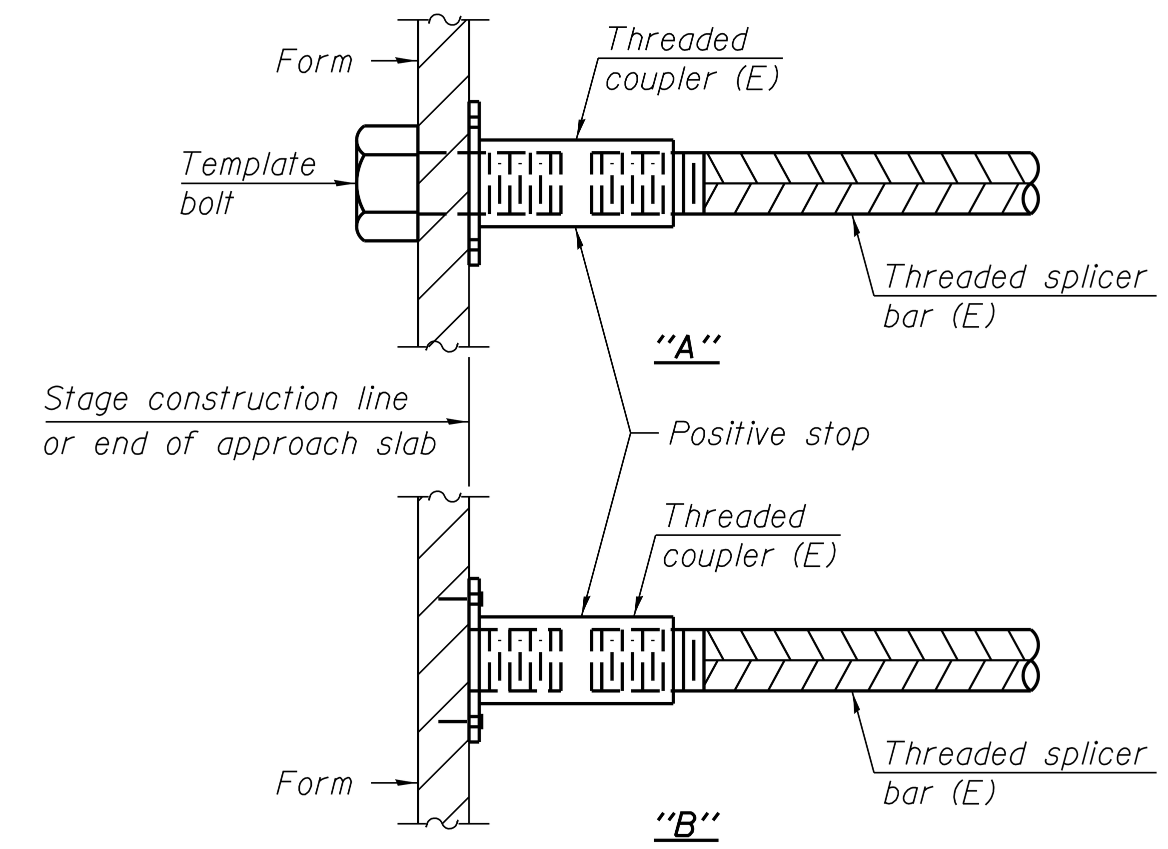
Minimum Lap Lengths						
Bar size to be spliced	Table 1	Table 2	Table 3	Table 4	Table 5	Table 6
3, 4	1'-5"	1'-11"	2'-1"	2'-4"	2'-7"	2'-11"
5	1'-9"	2'-5"	2'-7"	2'-11"	3'-3"	3'-8"
6	2'-1"	2'-11"	3'-1"	3'-6"	3'-10"	4'-5"
7	2'-9"	3'-10"	4'-2"	4'-8"	5'-2"	5'-10"
8	3'-8"	5'-1"	5'-5"	6'-2"	6'-9"	7'-8"
9	4'-7"	6'-5"	6'-10"	7'-9"	8'-7"	9'-8"

Table 1: Black bar, 0.8 Class C
Table 2: Black bar, Top bar lap, 0.8 Class C
Table 3: Epoxy bar, 0.8 Class C
Table 4: Epoxy bar, Top bar lap, 0.8 Class C
Table 5: Epoxy bar, Class C
Table 6: Epoxy bar, Top bar top, Class C

Threaded splicer bar length = min. lap length + 1½" + thread length

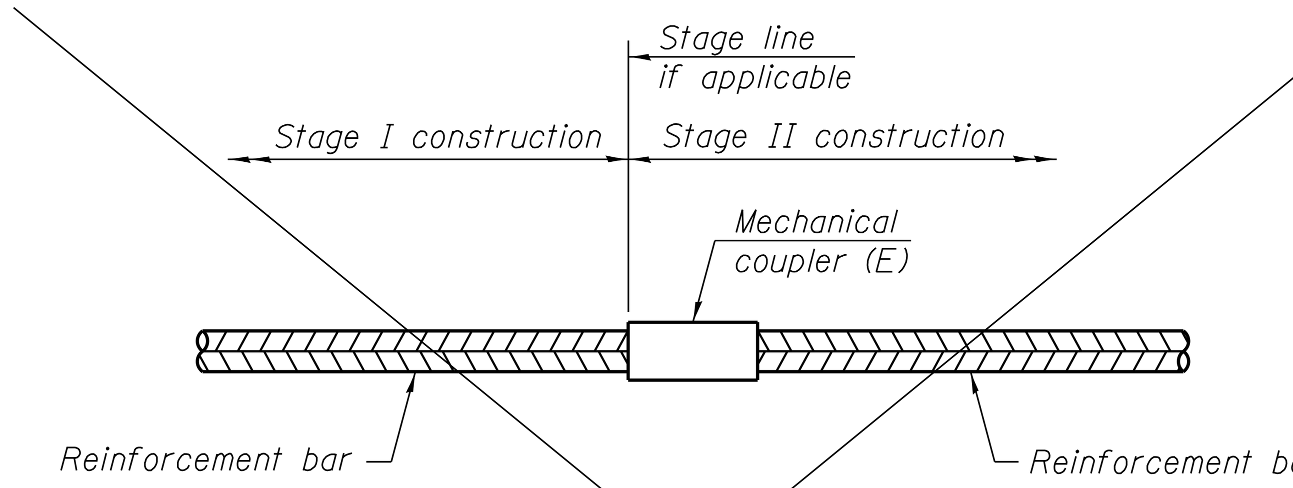
* Epoxy not required on Bar Splicer Assembly components used in conjunction with black bars.

Location	Bar size	No. assemblies required	Table for minimum lap length
Deck, Top	#5	167	Table 3
Deck, Bottom	#5	101	Table 3
South Diaphragm	#6	7	Table 3
North Diaphragm	#6	7	Table 3
South Approach Slab, Top	#4	25	Table 4
South Approach Slab, Bottom	#5	46	Table 3
South Approach Footing	#5	40	Table 3
North Approach Slab, Top	#4	25	Table 4
North Approach Slab, Bottom	#5	46	Table 3
North Approach Footing	#5	40	Table 3
South Abutment, Top	#7	4	Table 4
South Abutment, Bottom	#7	4	Table 3
South Abutment, Sides	#5	10	Table 3
North Abutment, Top	#7	4	Table 4
North Abutment, Bottom	#7	4	Table 3
North Abutment, Sides	#5	10	Table 3



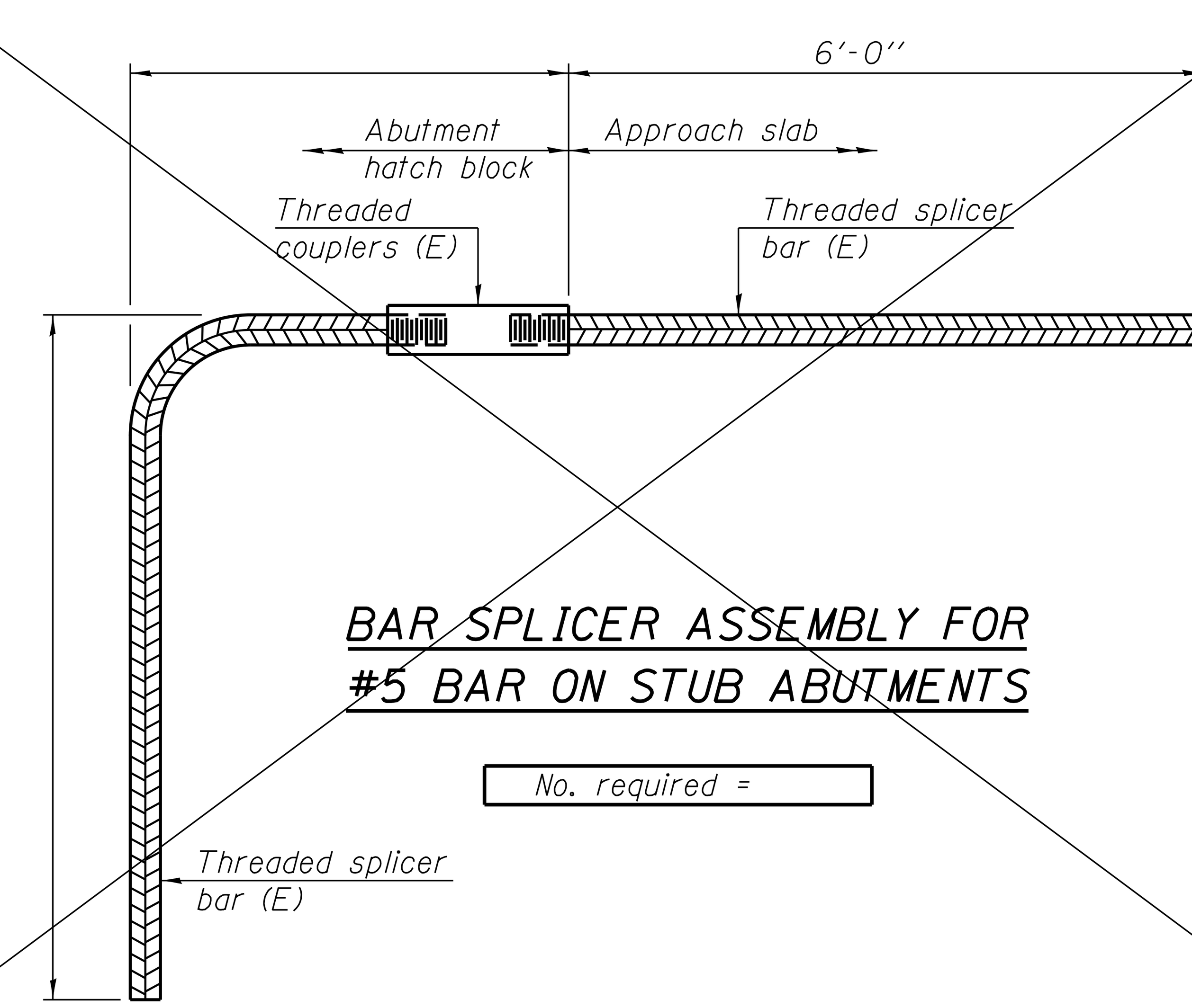
INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms.
(E) : Indicates epoxy coating.



STANDARD MECHANICAL SPLICER

Location	Bar size	No. assemblies required



BAR SPLICER ASSEMBLY FOR #5 BAR ON STUB ABUTMENTS

No. required =

NOTES

Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.
All reinforcement shall be lapped and tied to the splicer bars.
Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications.
See approved list of bar splicer assemblies and mechanical splicers for alternatives.

FILE NAME = W:\Projects\2013\130282 Bliss Phil\cadd\Structural\Dgn\0453030-019-Bar Splicer Assembly Details.dgn

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(630) 443-7755

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PLOT DATE = 6/7/2016	CHECKED - DLS	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BAR SPLICER ASSEMBLY DETAILS
STRUCTURE NO. 045-3030

SHEET NO. 19 OF 24 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	113
		CONTRACT NO.		
FED. ROAD DIST. NO.		FED. AID PROJECT		

Testing Service Corporation

STRUCTURE BORING LOG

Page 1 of 1

Date Started 8/4/10
Date Completed 8/4/10

ROUTE 9 DESCRIPTION Bridge over Blackberry Creek

SECT. 08-00058-02-BR STRUCT. NO. 045-3030 DRILLED BY TSC L-75,421

COUNTY Kane LOCATION Bliss Road S. 9SE1/4, TWP. 38, RNG. 7

Boring No. SB-1
Station
Offset ft
Surface Elev. 689.30 ft

Surface Water Elev.
Groundwater Elev.:
when drilling 676.3
at Completion 684.3
after Hrs.

Description	Elev.	Depth	Blows	Qu (tsf)	W (%)
12" Bituminous Concrete	688.30				
24" Silty Sand and Gravel Base, little cinders			4 4 5		6.8
	686.30				
FILL - Brown CLAY LOAM, trace gravel, very moist A-4			2 2 2	B 0.62 15%	19.2
		-5			
			2 3 3	B 0.57 15%	23.5
	681.30				
Stiff black CLAY, little organic, very moist A-7-6			4 3 2	B 1.07 15%	32.9
		-10			
	678.80				
Soft dark gray CLAY, some organic, very moist A-8 LOI = 6.6%			2 3 2	B 0.37 15%	40.8
	676.30				
Soft brown and gray CLAY LOAM, trace organic, very moist A-7-6			3 6 9	P 0.5 15%	23.1
	674.30	-15			
Medium dense gray SAND and GRAVEL, saturated A-1-b			4 7 6		
	671.30				
Stiff gray SANDY LOAM, little gravel, very moist A-4 LL/PL/PI = 15/9/6			4 6 9	B 1.98 15%	9.4
		-20			
			5 6 9	B 1.61 15%	9.0
	666.30				
Very dense gray SANDY LOAM, little gravel, wet A-4			16 23 31		15.8
		-25			
	663.80				
Medium dense to very dense gray SAND and GRAVEL, saturated A-1-a			10 8 14		
			18 23 28		
		-30			
	655.30		33 50/2"	P 3.0	14.0
Weathered/Fractured Bedrock or Possible Boulder Zone	654.30	-35			
Dense gray DOLOMITE, silty, motteled red and green. Medium bedded with occasional green clay partings. Few small vugs (<1/2"). Moderately fractured from 40'-45'. Core Run: 35' to 45' Recovery = 95% RQD = 42%		-40			
	644.30	-45			
		-50			

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

ILDOT_BORING 75421.GPJ IDOT.GDT 6/16/11

Testing Service Corporation

STRUCTURE BORING LOG

Page 1 of 1

Date Started 8/3/10
Date Completed 8/3/10

ROUTE 9 DESCRIPTION Bridge over Blackberry Creek

SECT. 08-00058-02-BR STRUCT. NO. 045-3030 DRILLED BY TSC L-75,421

COUNTY Kane LOCATION Bliss Road S. 9SE1/4, TWP. 38, RNG. 7

Boring No. SB-2
Station
Offset ft
Surface Elev. 691.60 ft

Surface Water Elev.
Groundwater Elev.:
when drilling 680.6
at Completion
after Hrs.

Description	Elev.	Depth	Blows	Qu (tsf)	W (%)
12" Crushed Stone	690.60				
FILL - Brown CLAY LOAM, trace gravel, very moist A-6			4 2 4	B 0.62 15%	15.9
			6 9 13	P 0.25	18.8
		-5			
	686.10				
Soft to medium stiff CLAY LOAM, trace gravel, very moist A-6			4 6 8	B 0.49 15%	19.7
	683.60				
Medium dense brown SANDY LOAM, trace gravel, wet A-4 LL/PL/PI = 20/13/7			4 5 5		12.9
		-10			
			6 8 11		13.1
	678.60				
Medium dense to dense brown SAND, trace gravel, saturated A-1-a			8 13 17		
		-15			
	676.10				
Dense to medium dense brown and gray SAND, some gravel, saturated A-1-b			11 14 22		
			9 12 14		
		-20			
	671.10				
Medium dense gray SANDY LOAM, trace gravel, wet A-4			6 9 11		15.1
	668.60				
Very dense gray SAND and GRAVEL, saturated A-1-a			10 27 30		
		-25			
Very dense gray SAND and GRAVEL, saturated A-1-a			40 30 28		
			13 18 21		
		-30			
	657.60		20 80/6"		
Weathered/Fractured Bedrock or Possible Boulder Zone [Hard Drilling]		-35			
			100/2"		
	651.60	-40			
Auger Refusal @ 40.0'					
		-45			
		-50			

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

ILDOT_BORING 75421.GPJ IDOT.GDT 6/16/11

FILE NAME = W:\Projects\2013\130282 Bliss Phill\cadd\Structural\Dgn\0453030-020-Soil Borings.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
STRUCTURE NO. 045-3030
SHEET NO. 20 OF 24 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	114

CONTRACT NO.

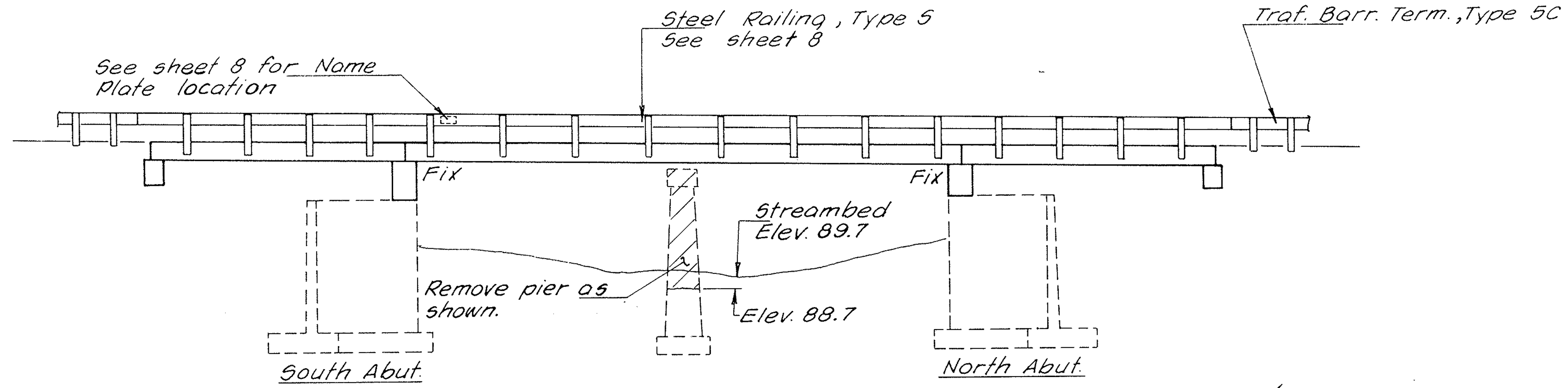
FED. ROAD DIST. NO. | FED. AID PROJECT

ROUTE NO	SECTION	COUNTY	TOTAL SHEETS	SHEET NO
C.H.78	78-00058-01-BR	KANE	9	5
FED. ROAD DIST. NO. 7		ILLINOIS PROJECT		

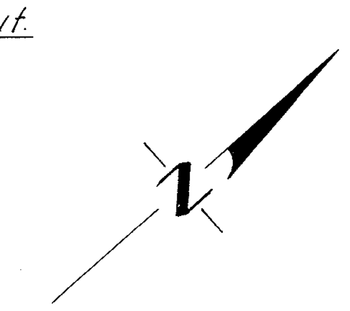
BLISS ROAD

B.M. #1 ~ Chisled "X" on N.E. wingwall. Elev. = 100.00 (Assumed)
B.M. #2 ~ R.R. spike in P.P. 54' Lt. Sta. 8+05. Elev. = 104.99

Existing Structure ~ 2 span cont. concrete slab on closed concrete abuts & solid concrete pier. Contractor shall remove exist deck & pier, reconstruct abuts. and build a new superstructure



ELEVATION

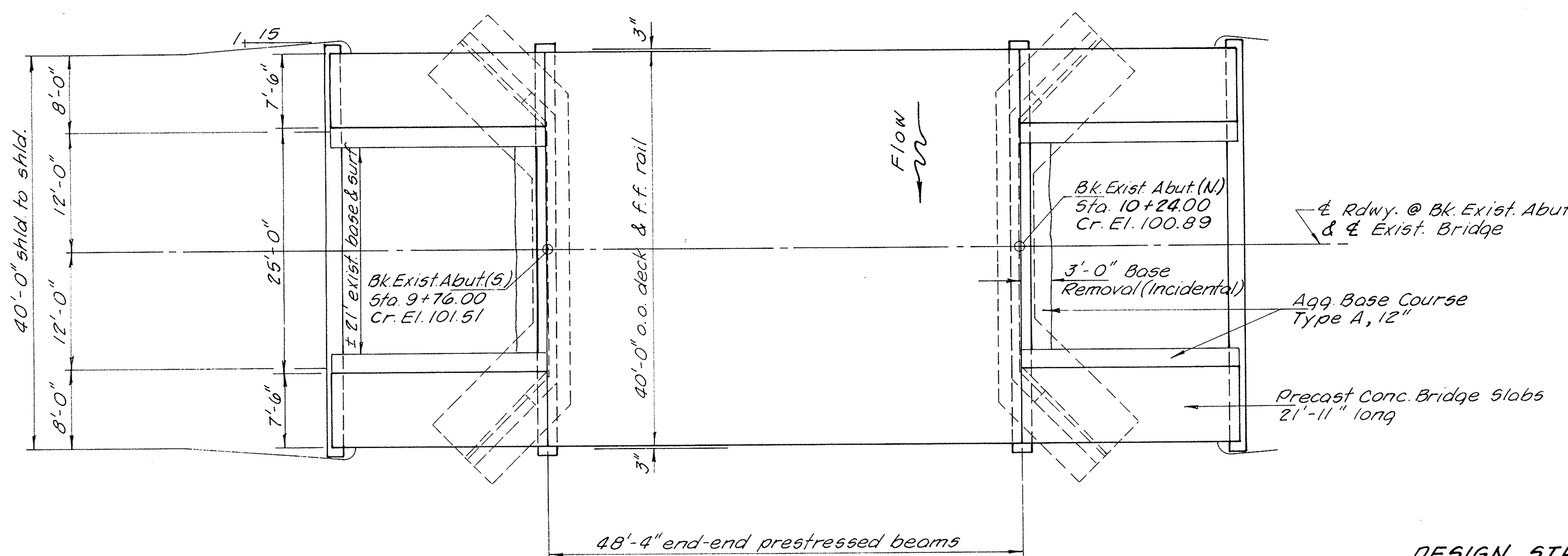


GENERAL NOTES

Class X Concrete shall be used thruout.
It shall be the responsibility of the Contractor to verify all dimensions and conditions in the field prior to construction and ordering of materials.
Expansion bolts shall consist of self drilling expansion anchors & ¾"ϕ x 12" hooked bolts. Bolts shall extend 9" into new concrete.

STRUCTURE NO. 045-3006
BLACKBERRY CREEK
REBUILT 19 BY
KANE COUNTY
SEC. 78-00058-01-BR
LOADING HS20

LETTERING FOR NAME PLATE
See Std. 2113

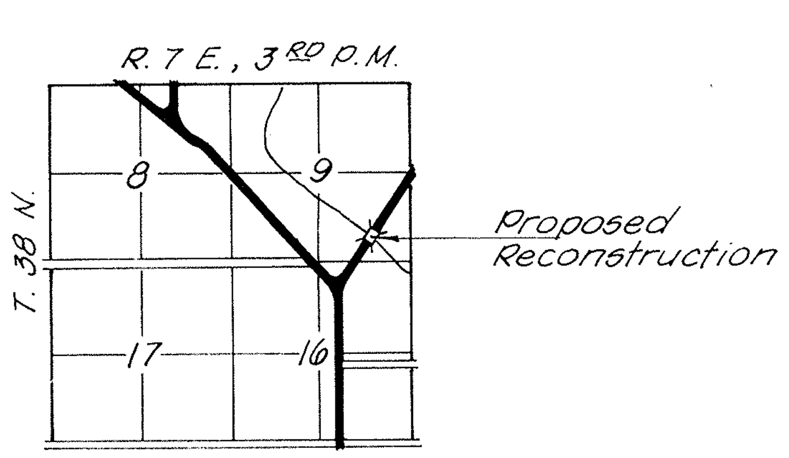


PLAN

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Removal of Existing Structures	Each	1		1
Concrete Removal	Cu. Yd.		10.4	10.4
Expansion Bolts ¾"x12"	Each		40	40
Class X Concrete	Cu. Yd.		34.6	34.6
Reinforcement Bars	Pound		7,840	7,840
Precast Prestressed Concrete Deck Beams (21" Depth)	Sq. Ft.	1,933		1,933
Precast Concrete Bridge Slab	Sq. Ft.	658		658
P.C. Mortar Fairing Course	Lin. Ft.	110		110
Waterproofing Membrane System	Sq. Yd.	288		288
Leveling Binder (Machine Method)	Ton	15		15
Bit. Conc. Surf. Crse., Mixture D, Cl. I	Ton	35		35
Steel Railing, Type 5	Lin. Ft.	188		188
Name Plates	Each	1		1
Aggregate Base Course, Type A 12"	Sq. Yd.			29

APPROVED
FOR STRUCTURAL ADEQUACY ONLY
Engineer of Bridge & Traffic Structures



LOCATION SKETCH

WATERWAY DATA

Drainage Area .... 24.6 Sq. Mi.
Computed Discharge (30 Yr.) .... 1,100 C.F.S.
Existing Opening .... 310 Sq. Ft.
Required Opening .... 310 Sq. Ft.
Proposed Opening .... 325 Sq. Ft.

DESIGN STRESSES

PRECAST PRESTRESSED UNITS

$f'c$ = 5,000 p.s.i.
$f'ci$ = 4,100 p.s.i.
$f's$ = 270,000 p.s.i. (½"ϕ Strands)
fsi = 189,000 p.s.i. (½"ϕ Strands)

FIELD UNITS

fc = 1,400 p.s.i.
fs = 20,000 p.s.i.
n = 9

PRECAST UNITS

fc = 1,400 p.s.i.
fs = 20,000 p.s.i.
$f'c$ = 4,500 p.s.i.
n = 8

DESIGN SPECIFICATIONS: A.A.S.H.T.O. 1977 & 1978 Interim

Illinois Structural No. 2934

GENERAL PLAN & ELEVATION
BLISS ROAD
SECTION 78-00058-01-BR
KANE COUNTY

COLLINS AND RICE
CONSULTING ENGINEERS

DESIGNED F.S. CHECKED L.L.
DRAWN L.L. DATE 5-22-79 NO. 1329

FOR INFORMATION ONLY

FILE NAME = W:\Projects\2013\130282 Bliss Phil\cadd\Structural\Dgn\0453030-021-Existing Plans I.dgn

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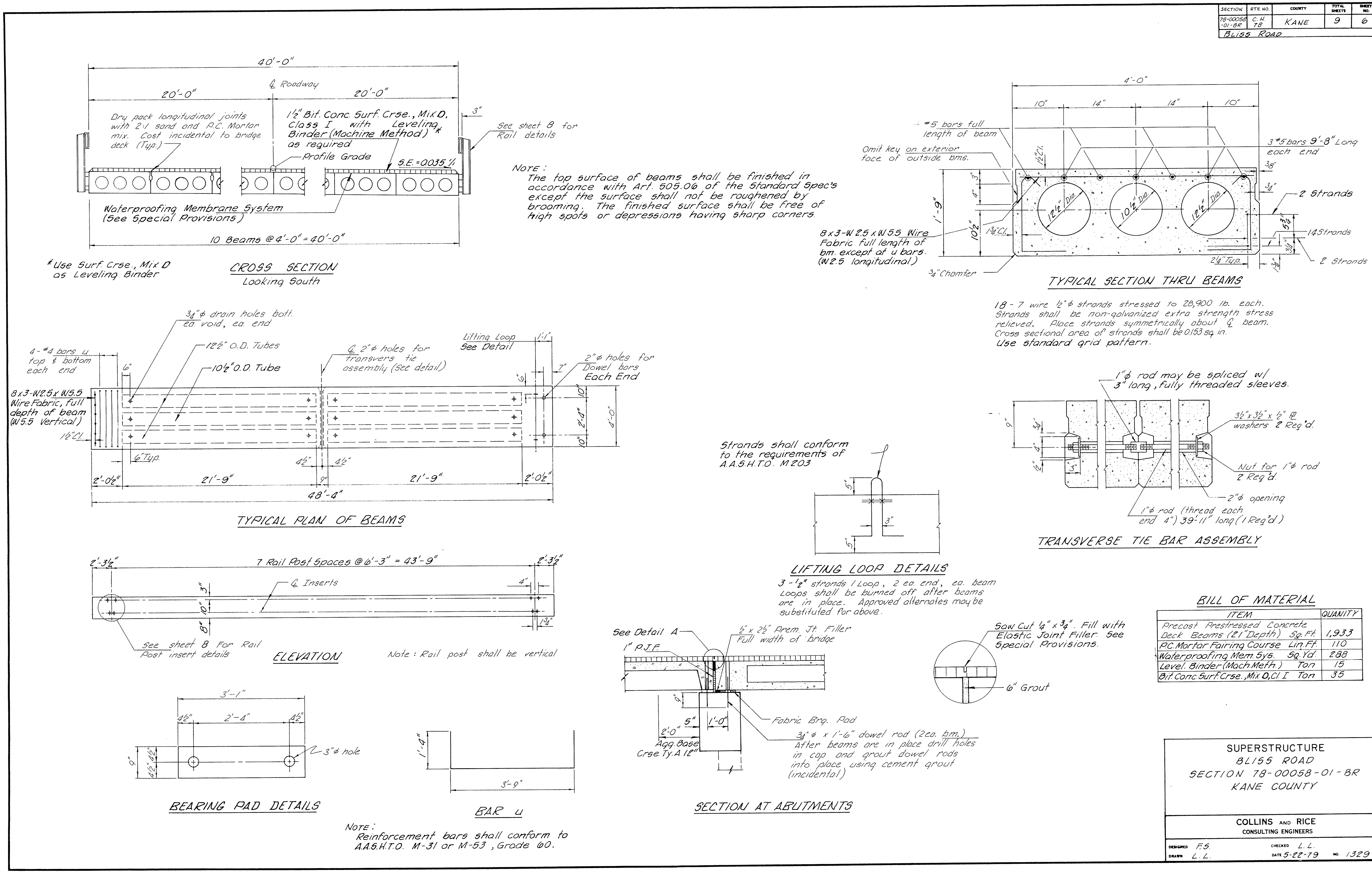
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS I

SHEET NO. 21 OF 24 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	115
		CONTRACT NO.		
FED. ROAD DIST. NO.		FED. AID PROJECT		



BILL OF MATERIAL

ITEM		QUANITY
Precast Prestressed Concrete Deck Beams (21" Depth)	Sq. Ft.	1,933
P.C. Mortar Fairing Course	Lin. Ft.	110
Waterproofing Mem. Sys.	Sq. Yd.	288
Level. Binder (Mach. Meth.)	Ton	15
Bit. Conc. Surf. Crse., Mix D, Cl I	Ton	35

SUPERSTRUCTURE
BLISS ROAD
SECTION 78-00058-01-BR
KANE COUNTY

COLLINS AND RICE
CONSULTING ENGINEERS

DESIGNED F.S. CHECKED L.L.
DRAWN L.L. DATE 5-22-79 NO. 1329

FOR INFORMATION ONLY

FILE NAME = W:\Projects\2013\130282 Bliss Phil\cadd\Structural\Dgn\0453030-022-Existing Plans II.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING PLANS II

SHEET NO. 22 OF 24 SHEETS

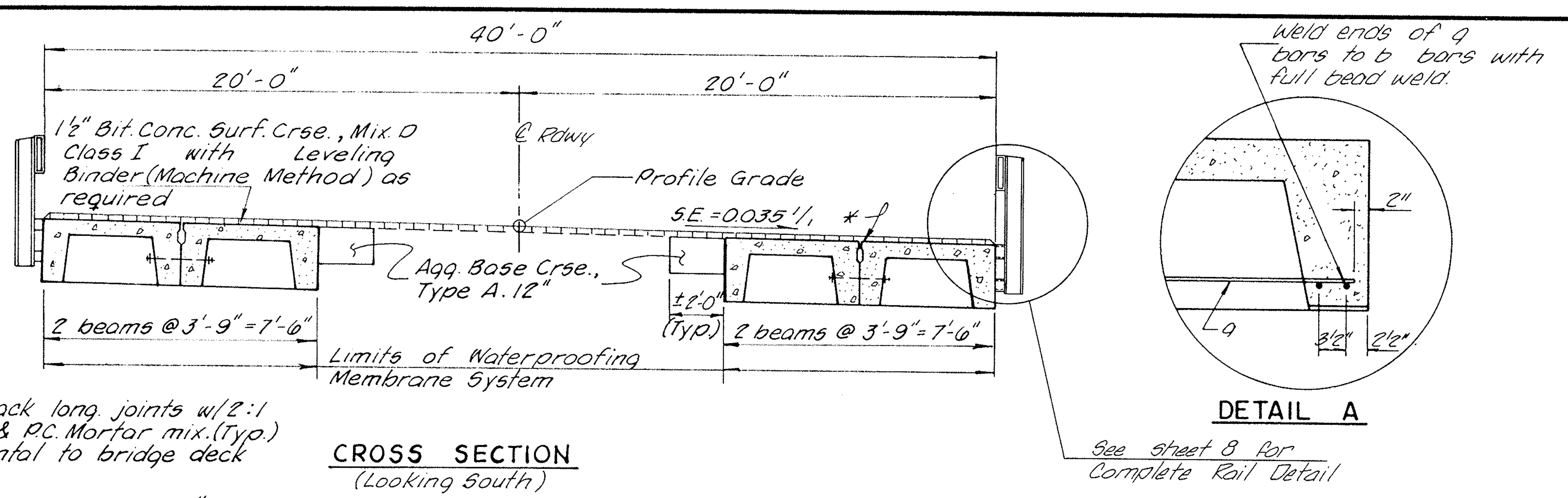
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	116

CONTRACT NO.

FED. ROAD DIST. NO. | FED. AID PROJECT

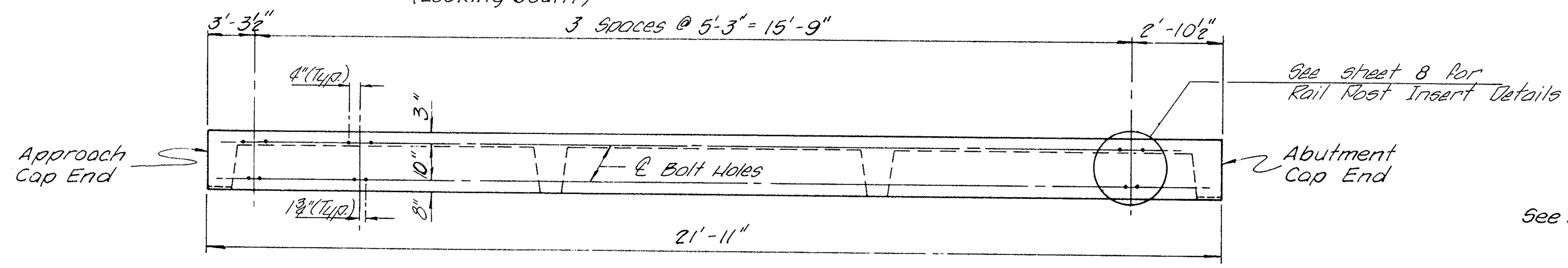
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 78	78-00058-01-BR	KANE	9	7
FED. ROAD DIST. NO. 7	ILLINOIS PROJECT			

BLISS ROAD

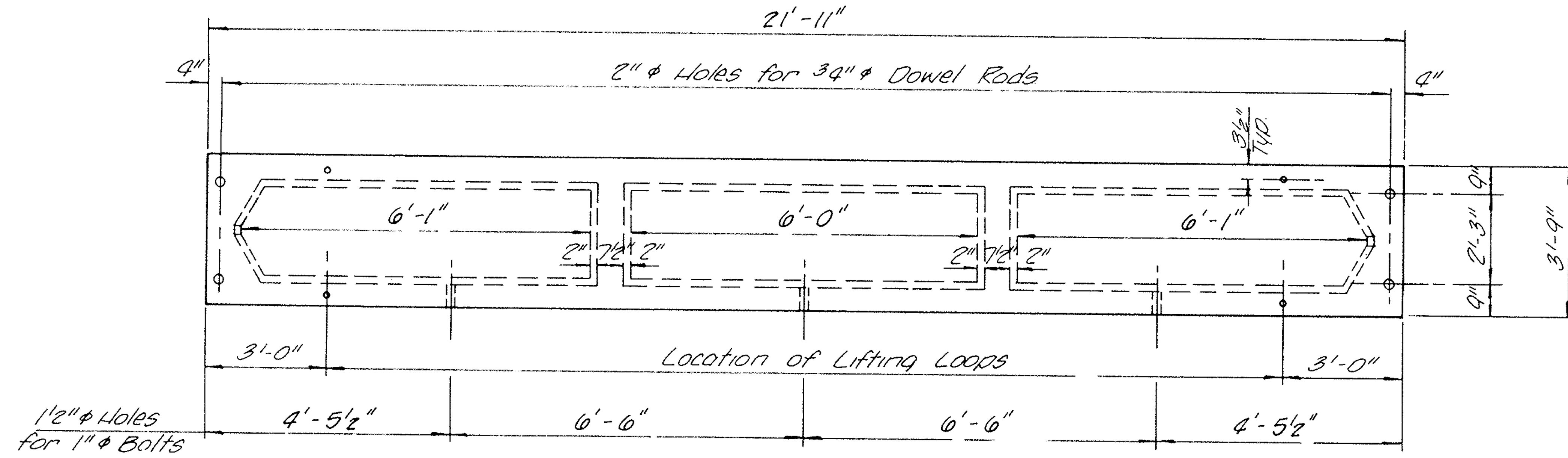


CROSS SECTION
(Looking South)

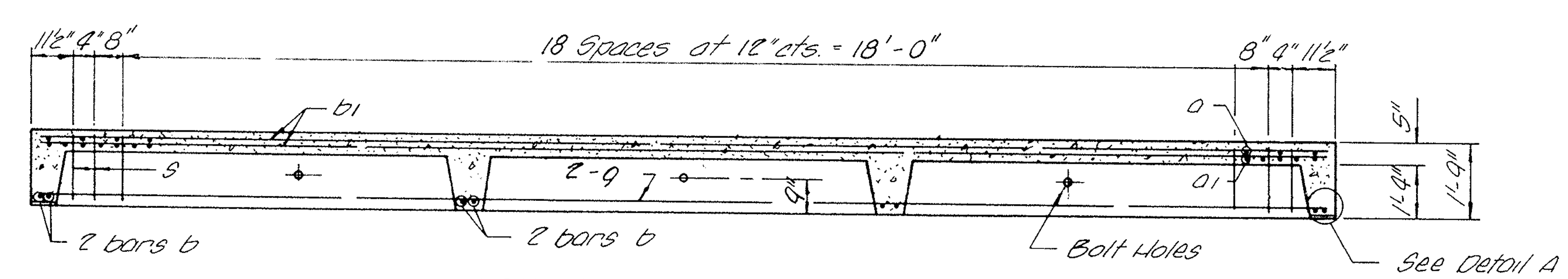
DETAIL A



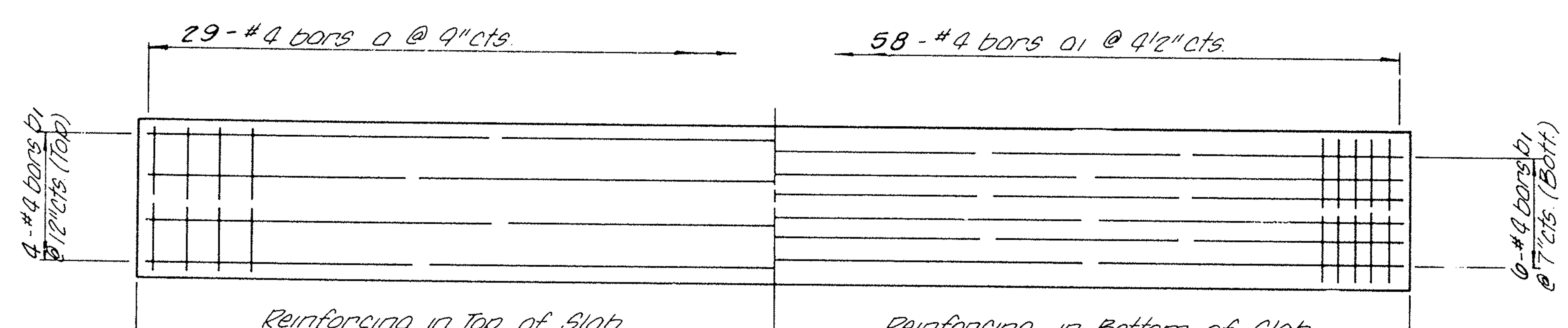
ELEVATION



PLAN

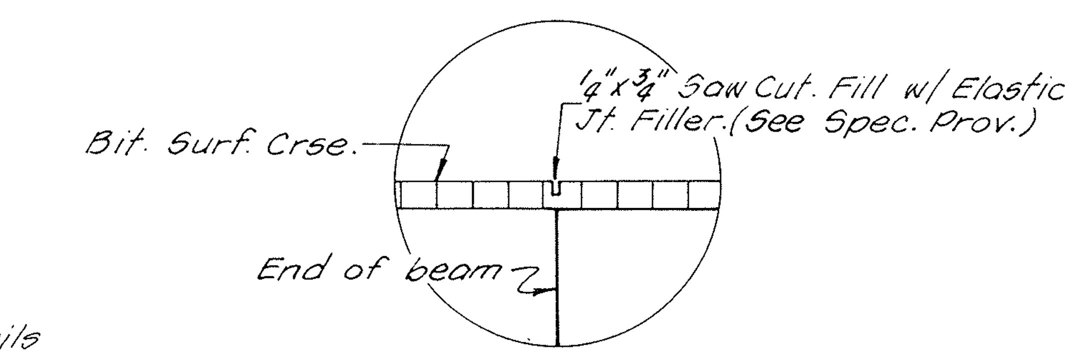


LONGITUDINAL SECTION

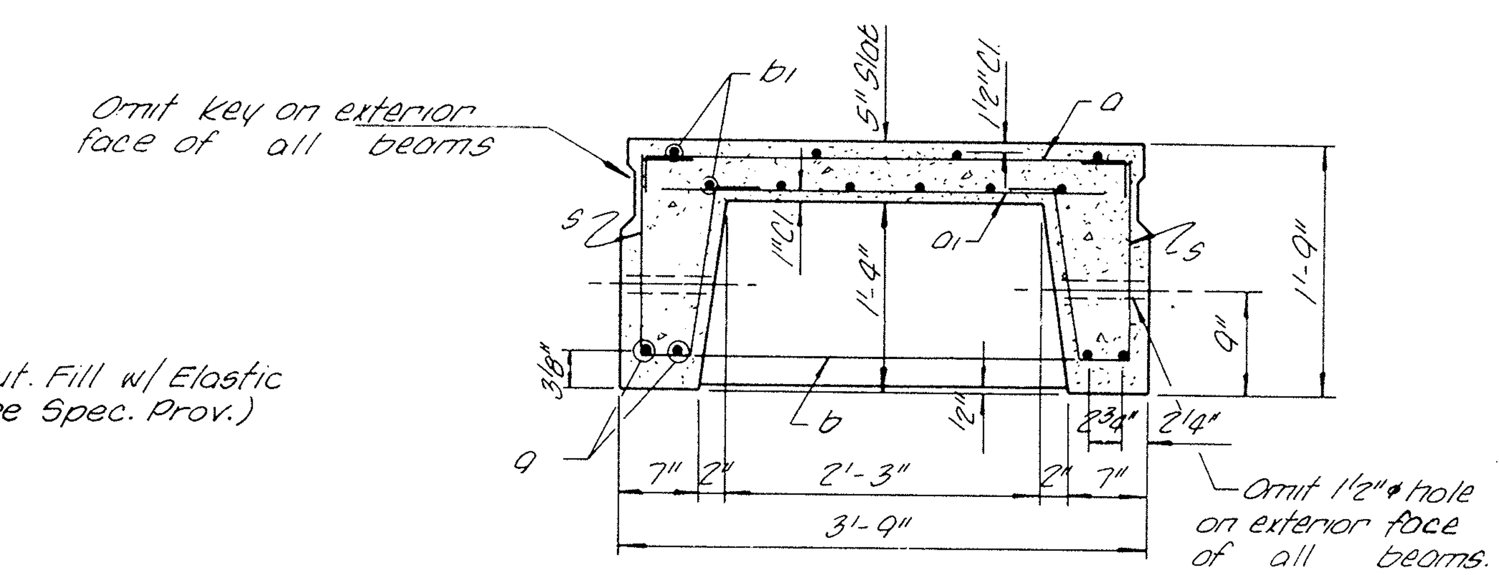


PLAN
Showing Slab Reinforcement

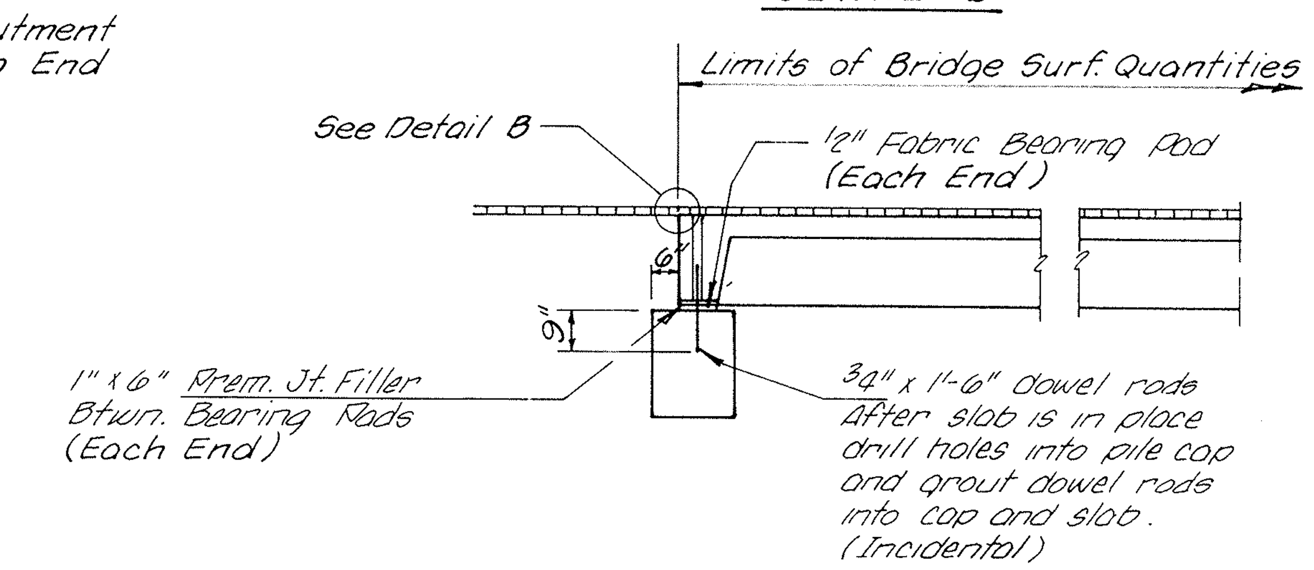
Note: Tack welding of stirrups to bottom longitudinal reinforcement bars will not be permitted except as otherwise authorized in writing by the Engineer.



DETAIL B

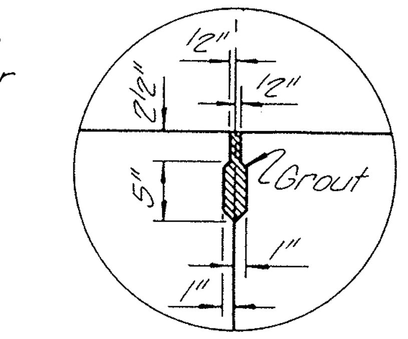


TYPICAL SECTION THRU BEAM



SECTION AT APPROACH CAP

~ NOTE ~
The bridge slab shall be erected & aligned with the exterior face of the exterior deck beams after the deck is in final position.

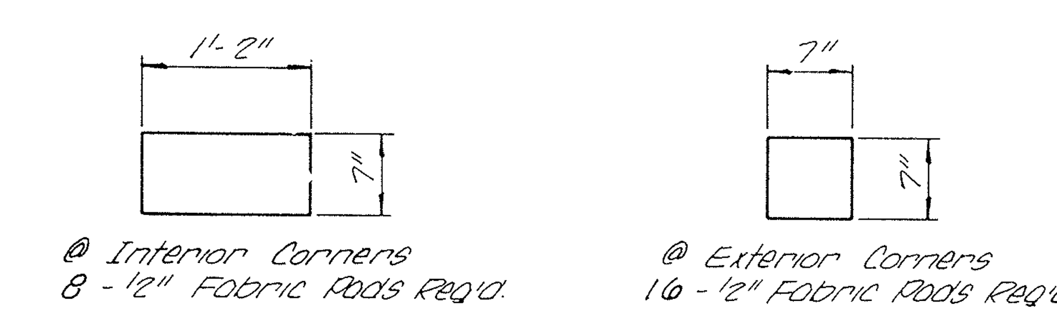


KEY DETAIL

* ESTIMATED QUANTITIES

	Concrete Cu. Yd.	Reinf. Bars Lb.
One Unit	3.1	802

* For information of suppliers of Precast Slab Units only.



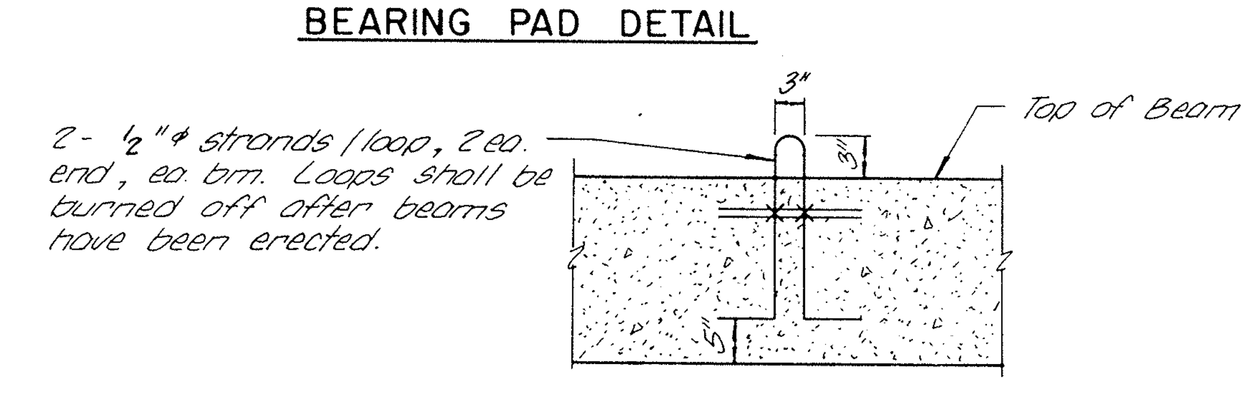
BEARING PAD DETAIL

BILL OF MATERIAL - SUPERSTRUCTURE

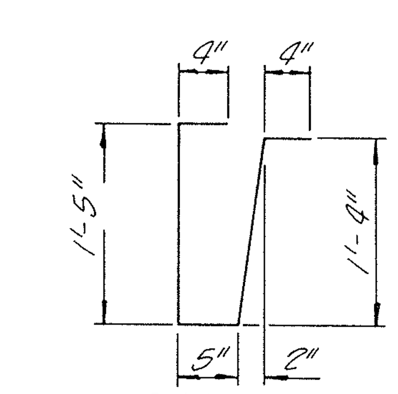
Precast Concrete Bridge Slab	Sq. Ft.	658
Aggregate Base Course, Ty. A 12"	Sq. Yd.	29

BILL OF REINFORCEMENT BARS

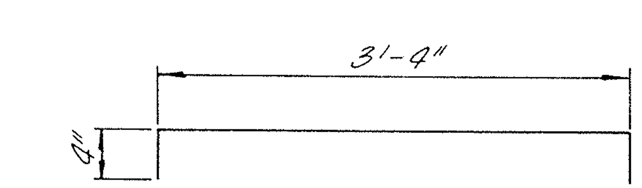
BAR	SIZE	NO.	LENGTH
a	#4	29	4'-0"
a1	#4	58	3'-3"
b	#4	8	3'-6"
b1	#4	10	21'-6"
g	#10	4	21'-6"
s	#3	46	3'-10"



LIFTING LOOP DETAIL
Approved Alternate may be substituted for the above.



BAR s



BAR a

APPROACH SLABS
BLISS ROAD
SECTION 78-00058-01-BR
KANE COUNTY

COLLINS AND RICE
CONSULTING ENGINEERS

DESIGNED F.S. CHECKED L.L.
DRAWN L.L. DATE 5-22-79 NO. 1329

FOR INFORMATION ONLY

FILE NAME = W:\Projects\2013\130282 Bliss Phll\cadd\Structural\Dgn\0453030-023-Existing Plans III.dgn

WBK engineering
WBK ENGINEERING, LLC
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

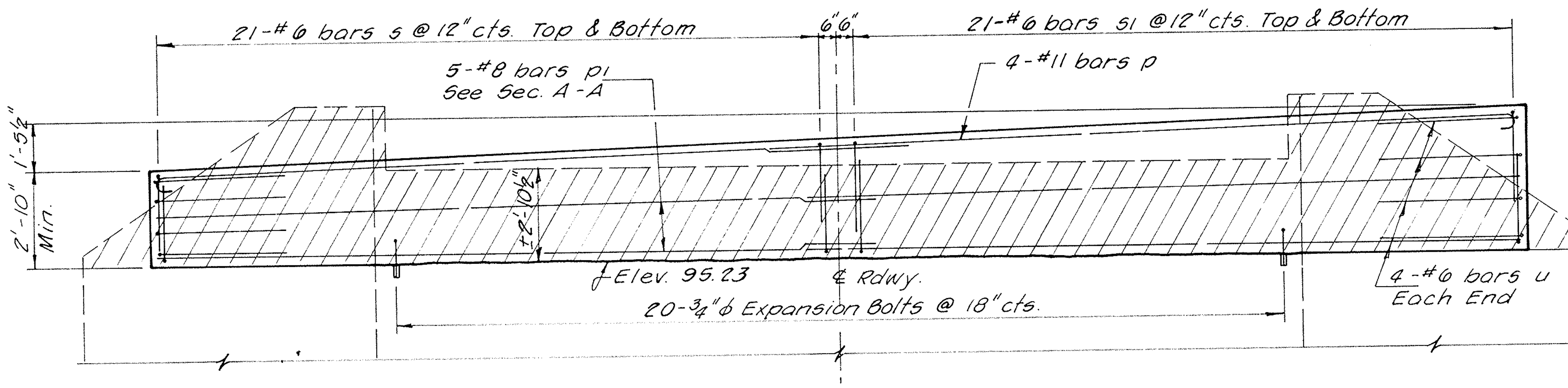
EXISTING PLANS III
SHEET NO. 23 OF 24 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	117
		CONTRACT NO.		
FED. ROAD DIST. NO.		FED. AID PROJECT		

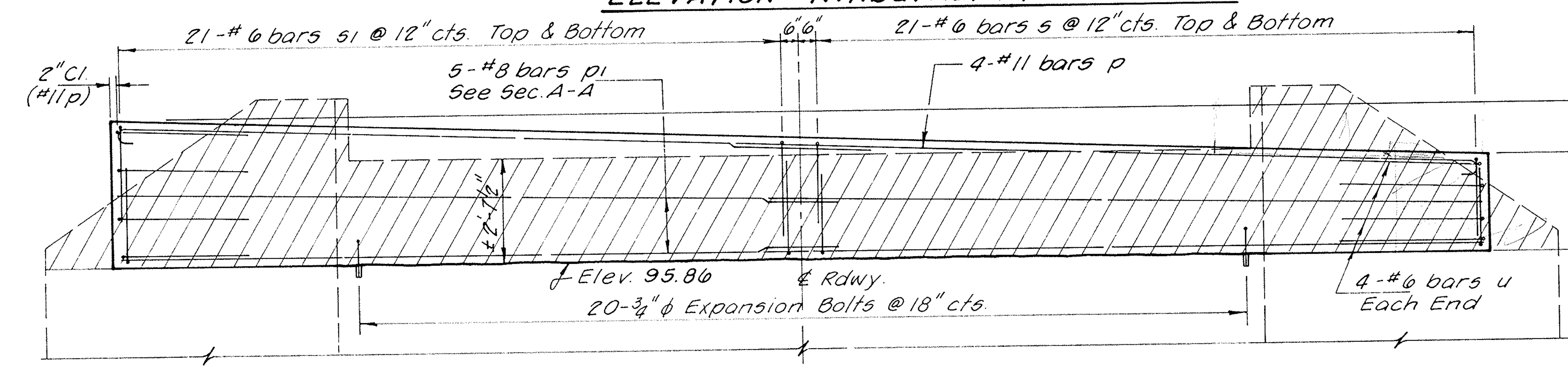
ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
CH.78	78-00058-01-BR	KANE	9	9
FED. ROAD DIST. NO. 7	ILLINOIS PROJECT			

BLISS ROAD

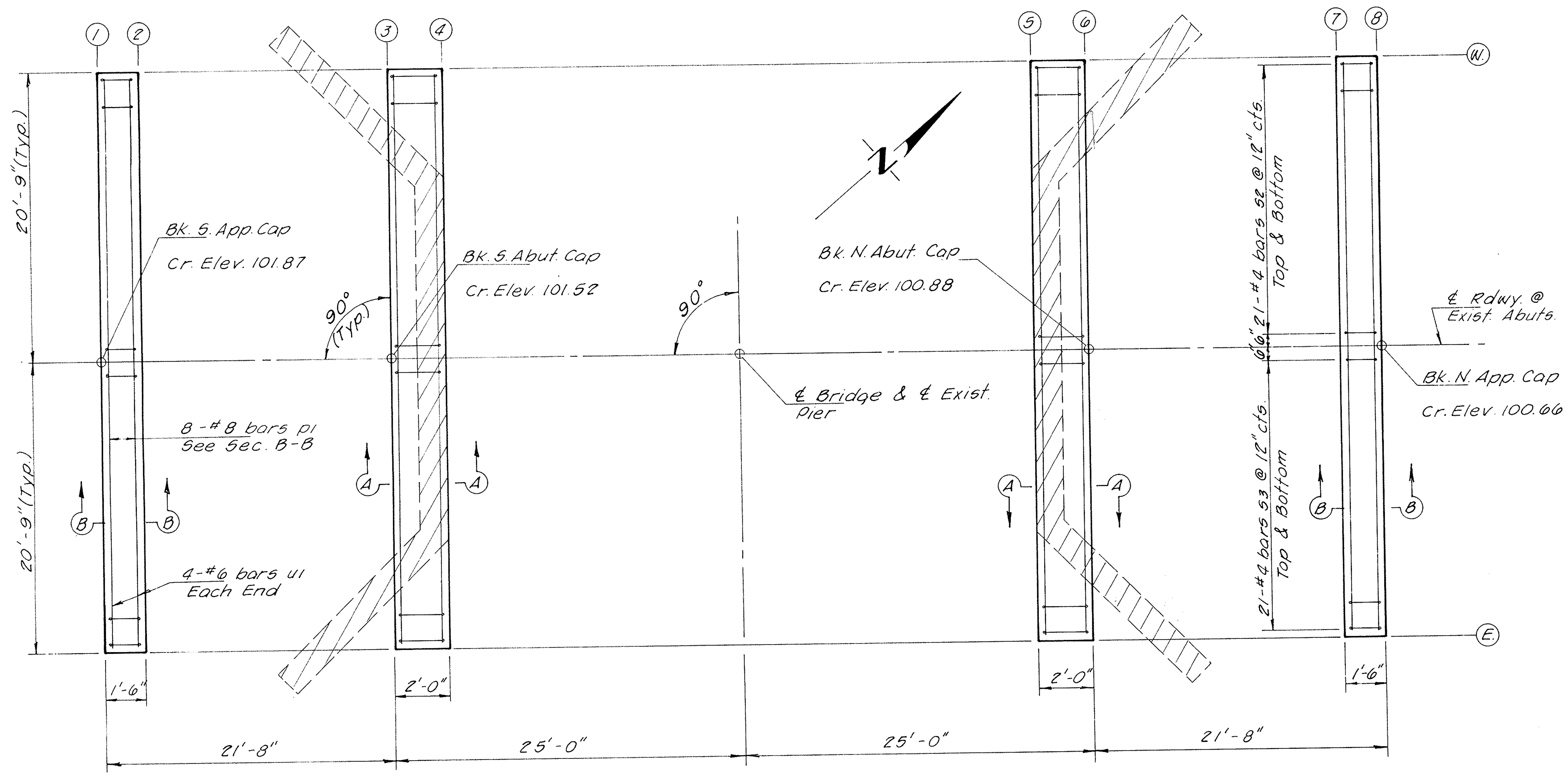
NOTE:
All edges shall have standard ¾" chamfer.
Space reinforcement in cap to miss dowel rods.



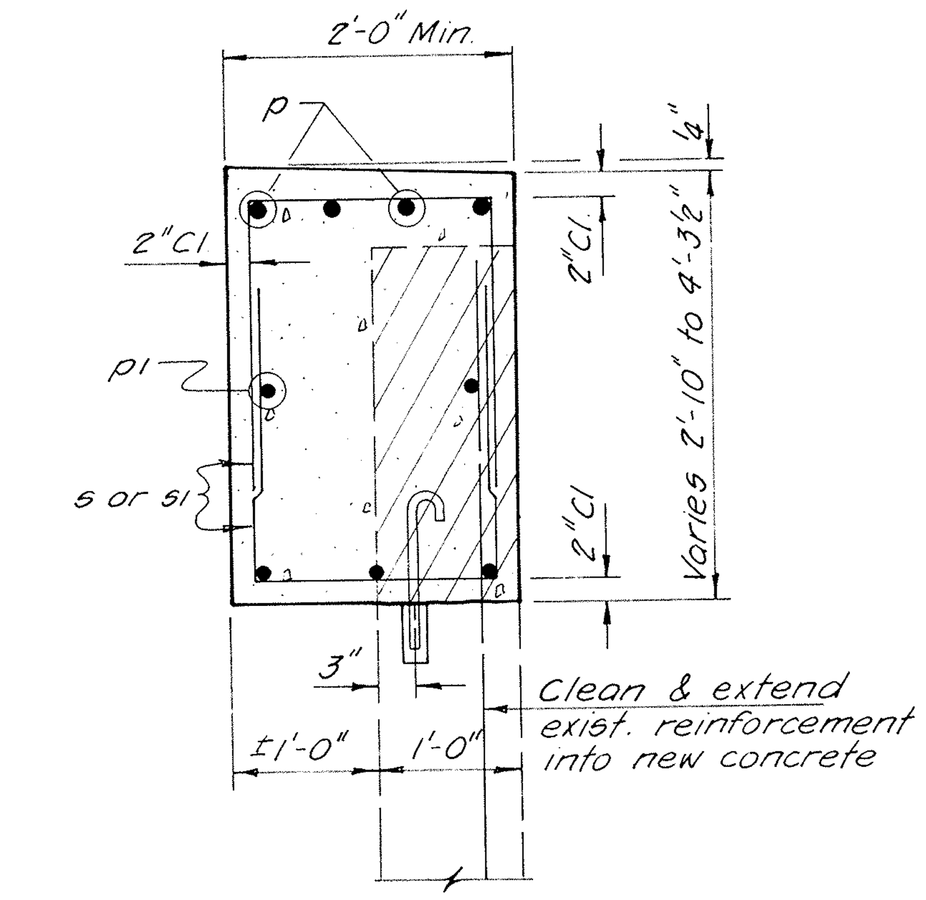
ELEVATION ~ N. ABUTMENT (LOOKING NORTH)



ELEVATION ~ S. ABUTMENT (LOOKING SOUTH)

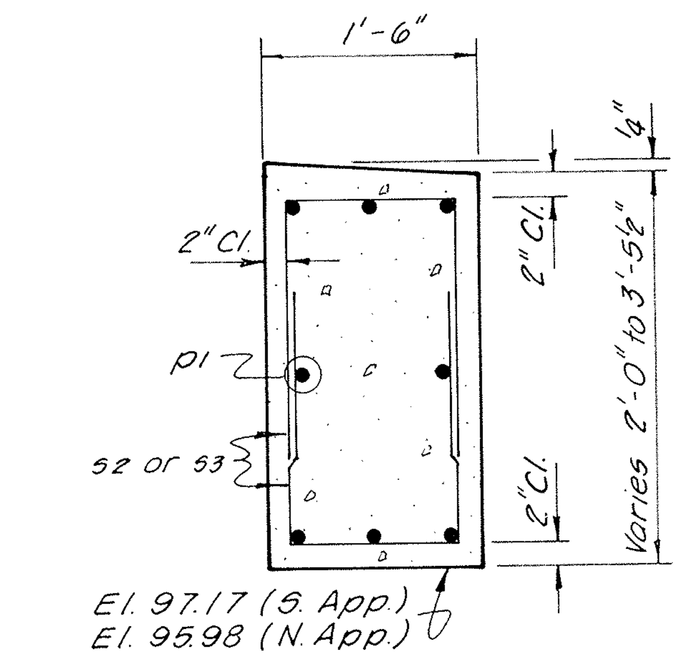


PLAN

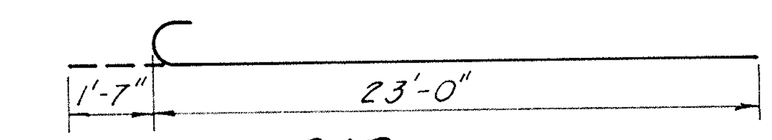


SECTION A-A

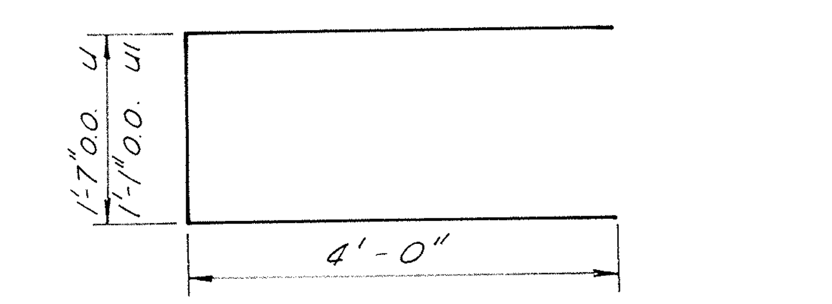
S. abut. shown. N. abut. similar except for slope at top of cap



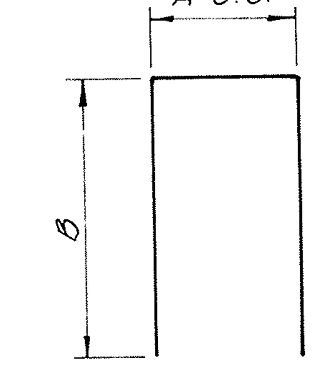
SECTION B-B



BAR p



BARS u & u1



BARS s, s1, s2 & s3

	A	B
s	1'-8"	2'-4"
s1	1'-8"	2'-8"
s2	1'-2"	1'-8"
s3	1'-2"	2'-2"

BILL OF MATERIAL
ABUTMENTS & APPROACHES

BAR	NO. REQ'D.	SIZE	LENGTH	SHAPE
p	16	#11	24'-7"	
p1	52	#8	22'-0"	
s	84	#6	6'-4"	
s1	84	#6	7'-0"	
s2	84	#4	4'-6"	
s3	84	#4	5'-6"	
u	16	#6	9'-7"	
u1	16	#6	9'-1"	

Concrete Removal	Cu. Yd.	10.4
Expansion Bolts ¾"x12"	Each	40
Class X Concrete	Cu. Yd.	34.6
Reinforcement Bars	Pound	7,840

TOP OF CAP ELEVATIONS

LOCATION	W.	℄ Rdwy.	E.
1	99.19	99.92	100.65
2	99.17	99.90	100.63
3	98.71	99.44	100.17
4	98.69	99.42	100.15
5	98.08	98.81	99.54
6	98.06	98.79	99.52
7	98.00	98.73	99.46
8	97.98	98.71	99.44

ABUTMENTS & APPROACH CAPS
BLISS ROAD
SECTION 78-00058-01-BR
KANE COUNTY

COLLINS AND RICE
CONSULTING ENGINEERS

DESIGNED F.S. CHECKED L.L.
DRAWN L.L. DATE 5-22-79 NO. 1329

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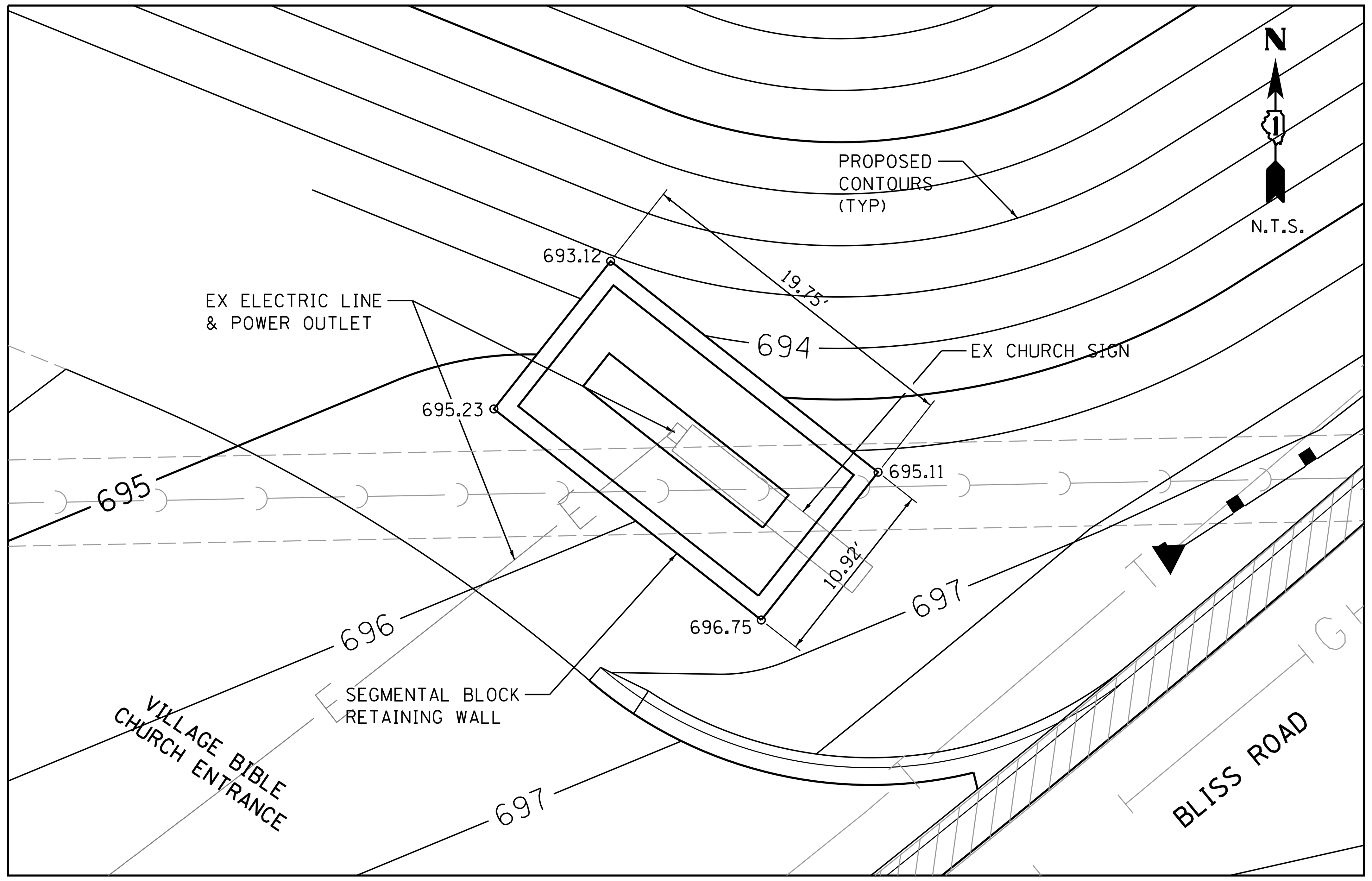
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

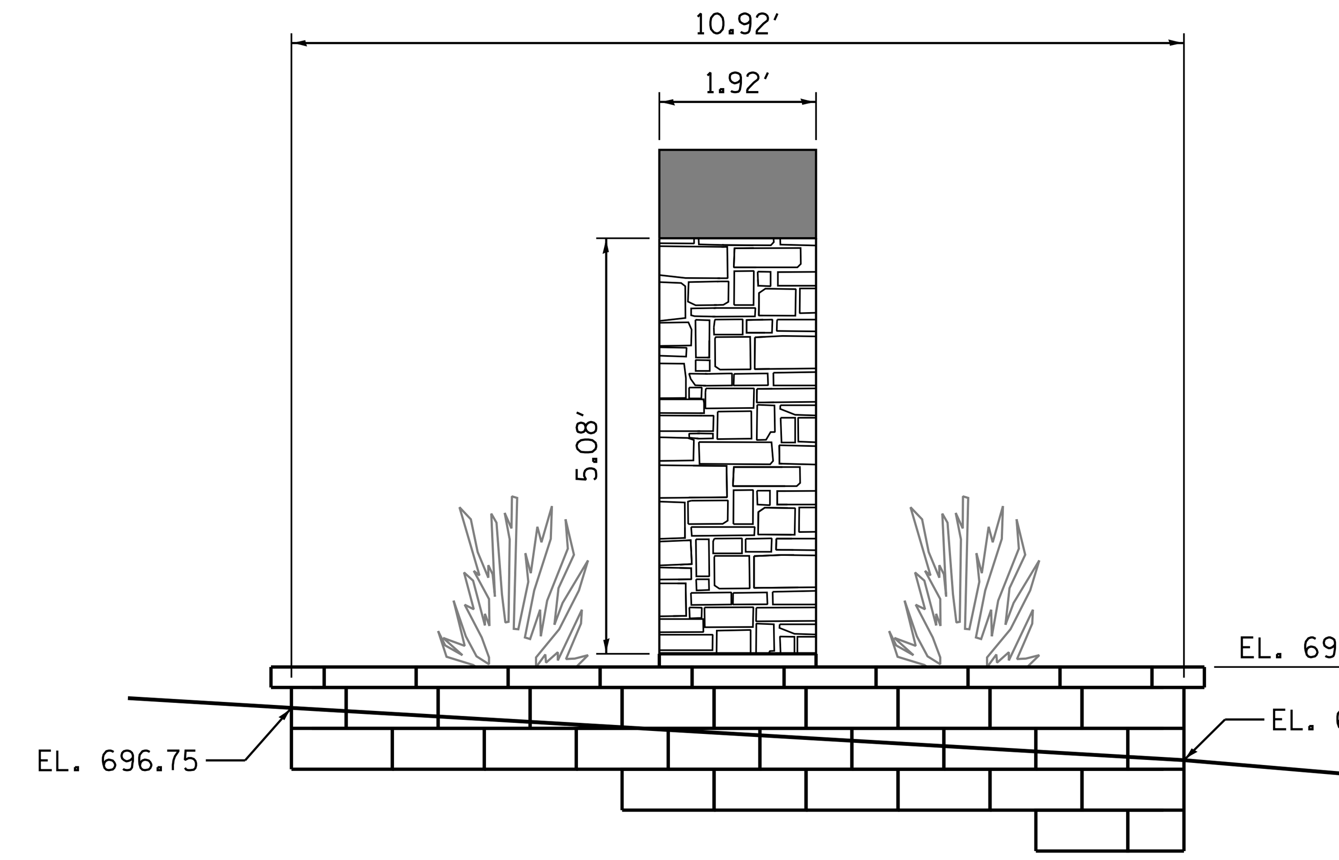
EXISTING PLANS IV

SHEET NO. 24 OF 24 SHEETS

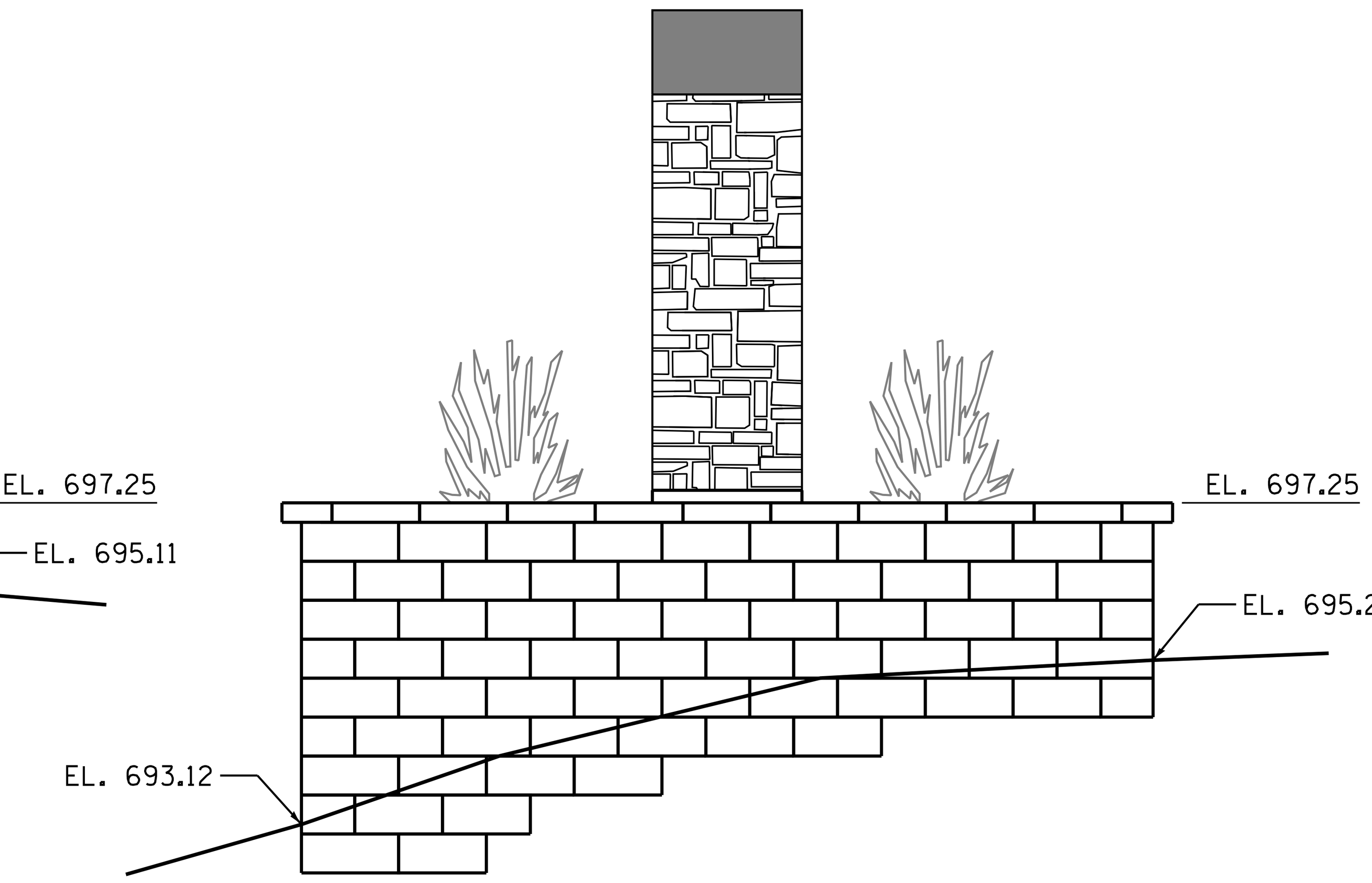
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	118
		CONTRACT NO.		
FED. ROAD DIST. NO.		FED. AID PROJECT		



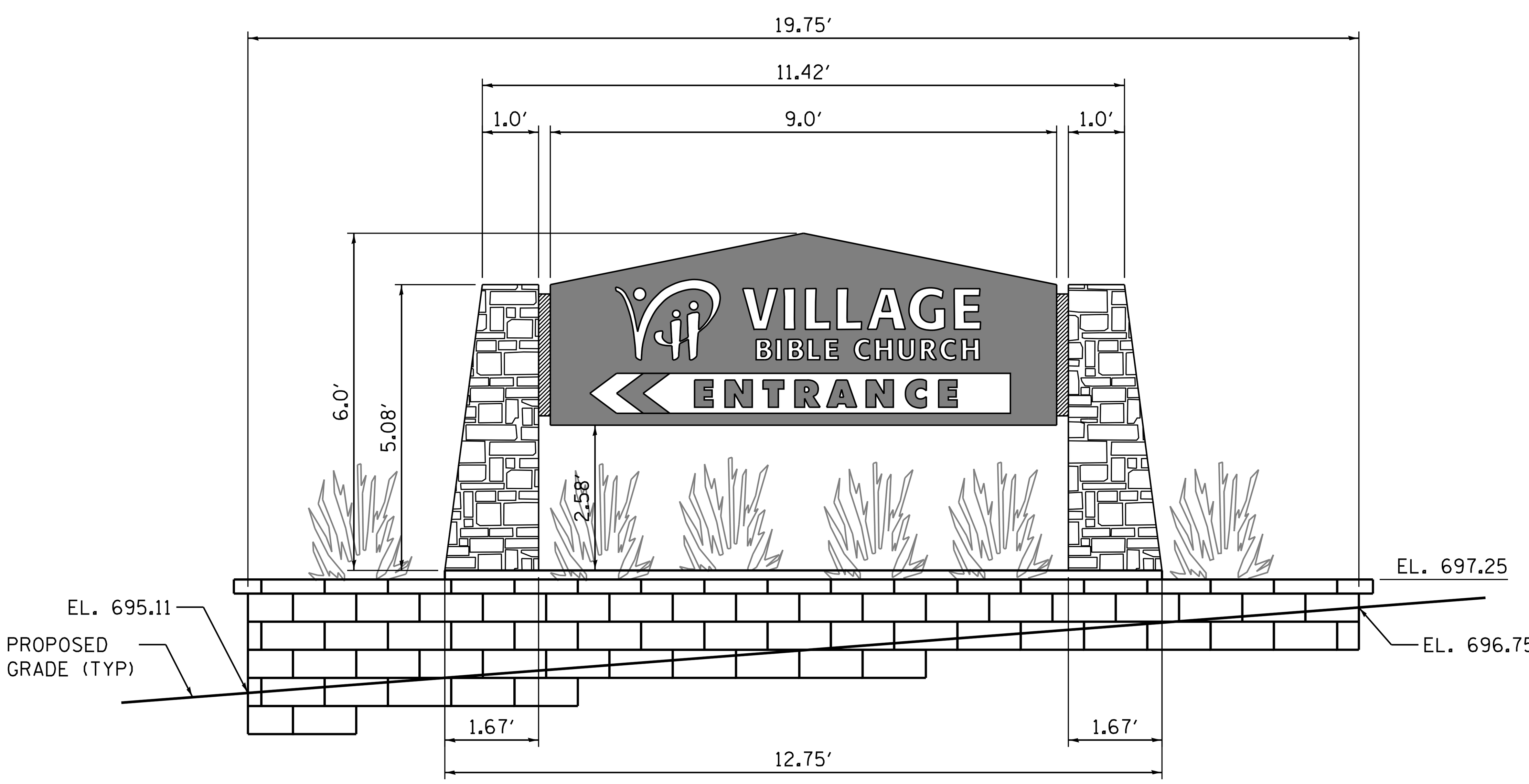
PLAN VIEW



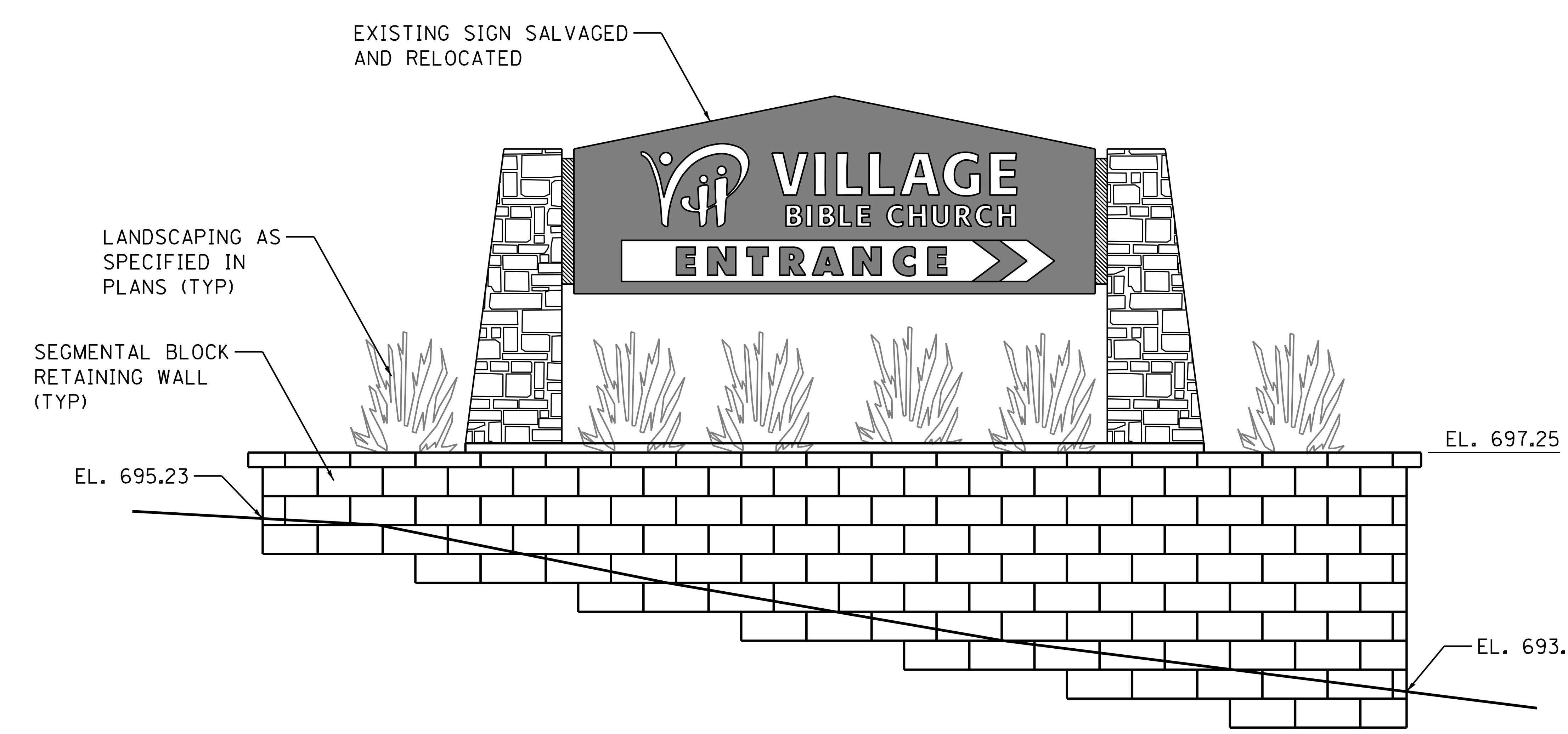
RIGHT ELEVATION VIEW
(LOOKING NORTHWEST)



LEFT ELEVATION VIEW
(LOOKING SOUTHEAST)



FRONT ELEVATION VIEW
(LOOKING NORTHEAST)



REAR ELEVATION VIEW
(LOOKING SOUTHWEST)

FILE NAME = W:\Projects\2013\130282 Bliss Phil\cadd\Civil\Dgn\Sht\DT_01-CHURCHSIGN.dgn

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PLOT SCALE = 1:2	CHECKED -	REVISED -
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CHURCH SIGN DETAIL

SCALE: | SHEET NO. 1 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	119

CONTRACT NO.

ILLINOIS FED. AID PROJECT

DESIGN STRESSES

FIELD UNITS

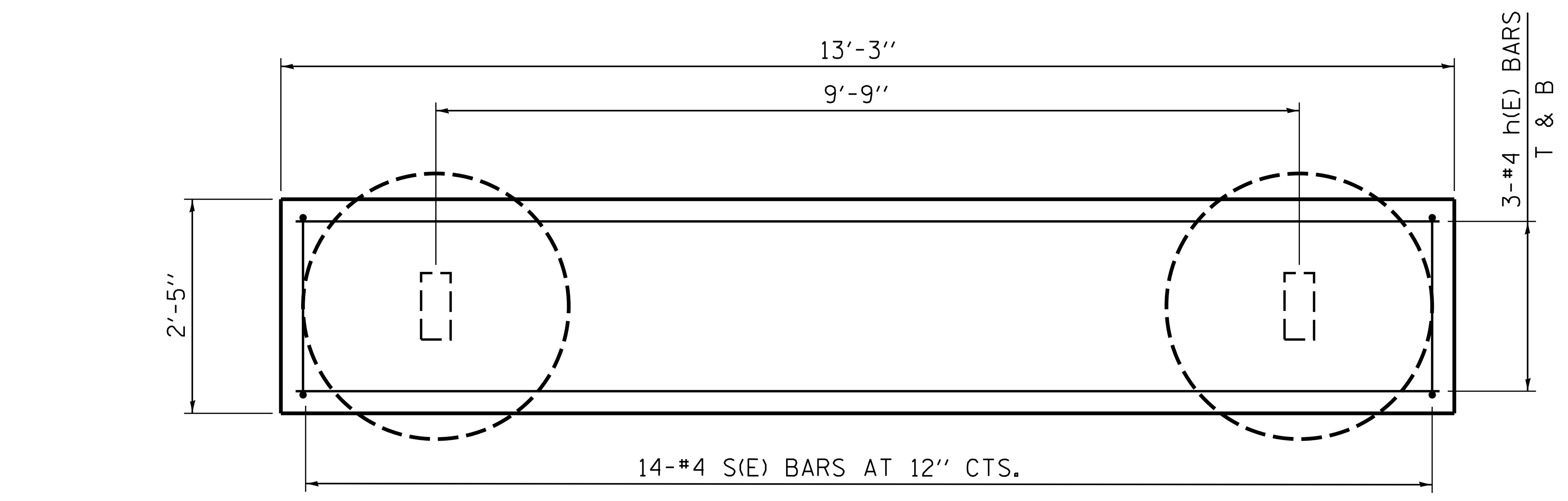
f'c = 3,500 PSI
fy = 60,000 PSI (REINFORCEMENT)
fy = 46,000 PSI (ASTM A500 GRADE B)

BILL OF MATERIAL

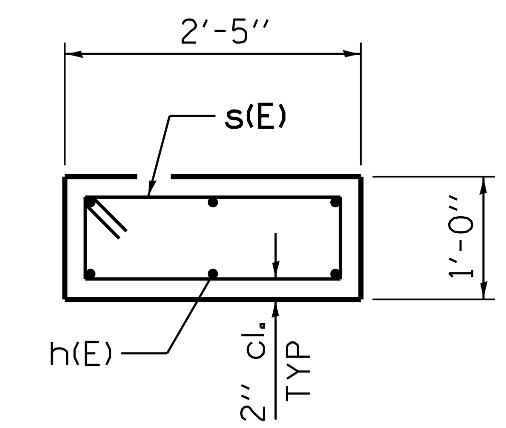
(FOR INFORMATION ONLY)

BAR	NO.	SIZE	LENGTH	SHAPE
h(E)	6	#4	12'-11"	———
s(E)	14	#4	6'-3"	▭

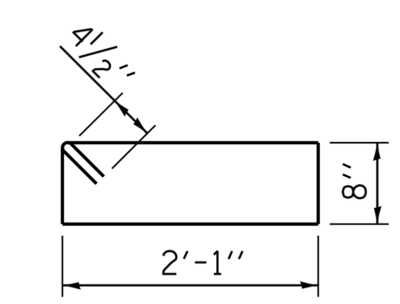
STRUCTURE EXCAVATION	CU. YD.	3.0
CONCRETE STRUCTURES	CU. YD.	3.4
Reinforcement Bars, Epoxy Coated	POUND	110
HSS 8x4x5/16 SIGN POST	EACH	2



PLAN



SECTION A-A



BAR s(E)

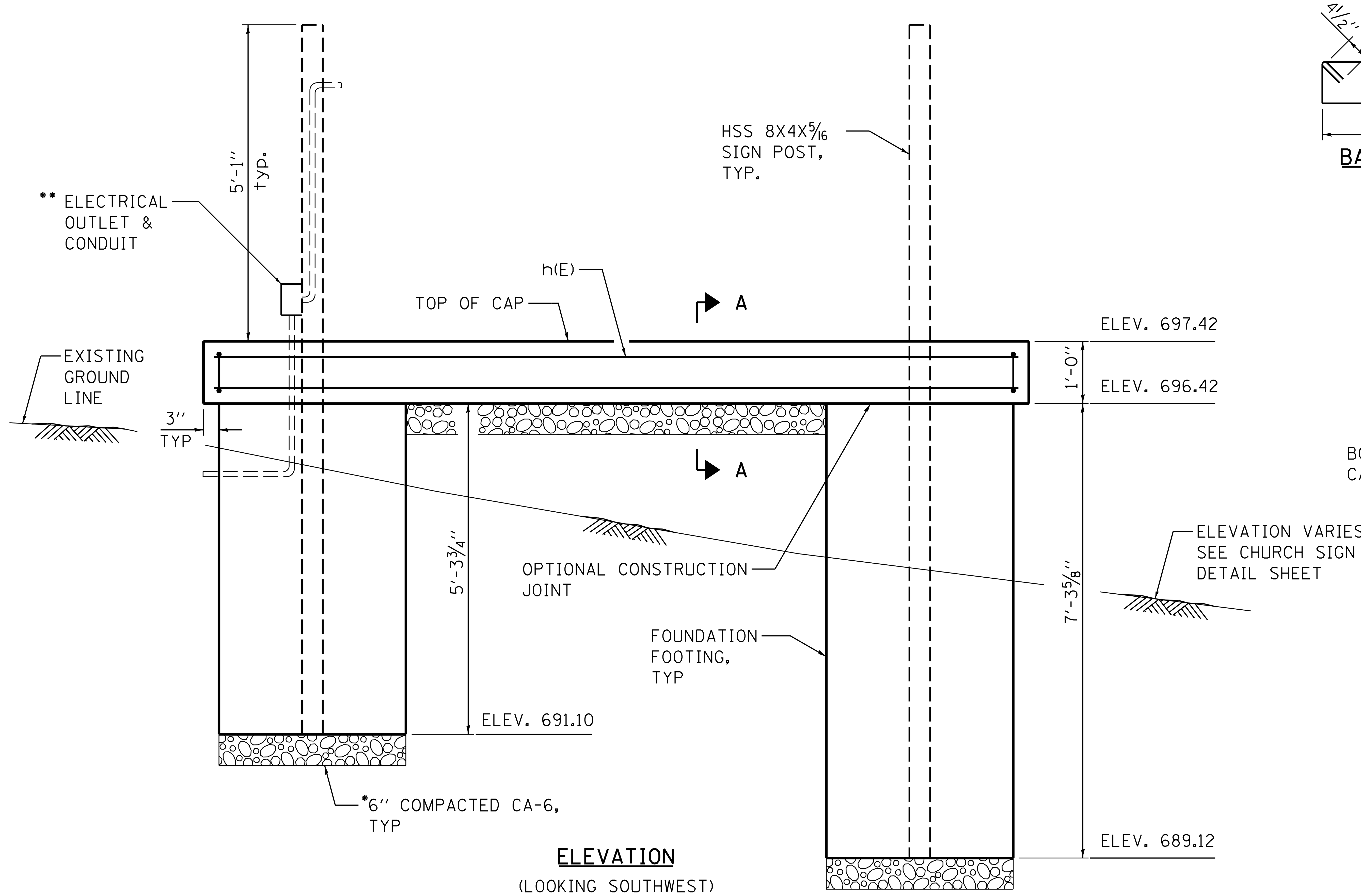
GENERAL NOTES

BASIS OF PAYMENT: STRUCTURE EXCAVATION, CONCRETE STRUCTURES, REINFORCEMENT BARS, EPOXY COATED, AND HSS 8X4X SIGN POST SHALL NOT BE PAID FOR SEPARATELY BUT INCLUDED IN THE PAY ITEM CONCRETE FOUNDATIONS (SPECIAL).

ELECTRICAL OUTLET AND CONDUIT TO BE PLACED BY OTHERS PRIOR TO POURING FOUNDATION CAP AND FOOTING. SEE ELECTRICAL PLANS FOR PLACEMENT, DETAILS AND METHOD OF PAYMENT.

PLAN DIMENSIONS AND DETAILS RELATIVE TO PROPOSED PLANS ARE SUBJECT TO NOMINAL CONSTRUCTION VARIATIONS. THE CONTRACTOR SHALL FIELD VERIFY PROPOSED DIMENSIONS AND DETAILS AFFECTING NEW CONSTRUCTION AND MAKE NECESSARY APPROVED ADJUSTMENTS PRIOR TO CONSTRUCTION OR ORDERING OF MATERIALS. SUCH VARIATIONS SHALL NOT BE CAUSE FOR ADDITIONAL COMPENSATION FOR A CHANGE IN SCOPE OF THE WORK, HOWEVER, THE CONTRACTOR WILL BE PAID FOR THE QUANTITY ACTUALLY FURNISHED AT THE UNIT PRICE BID FOR THE WORK.

REINFORCEMENT BARS DESIGNATED (E) SHALL BE EPOXY COATED.

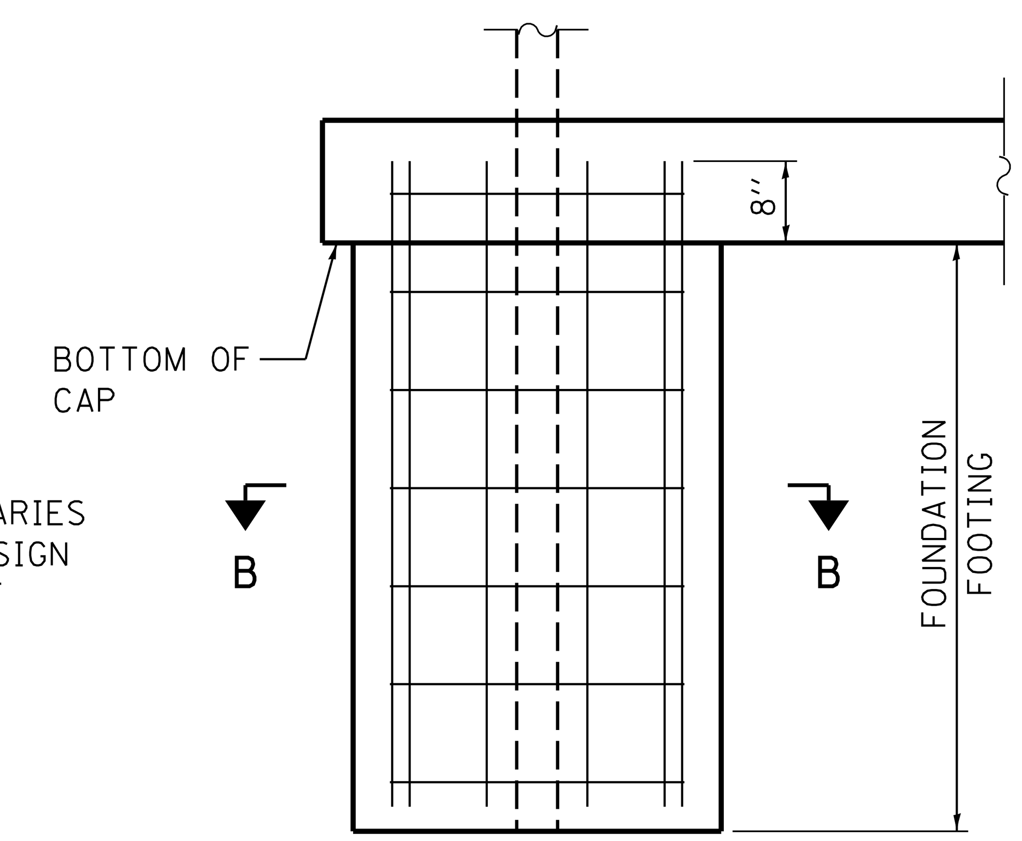


ELEVATION

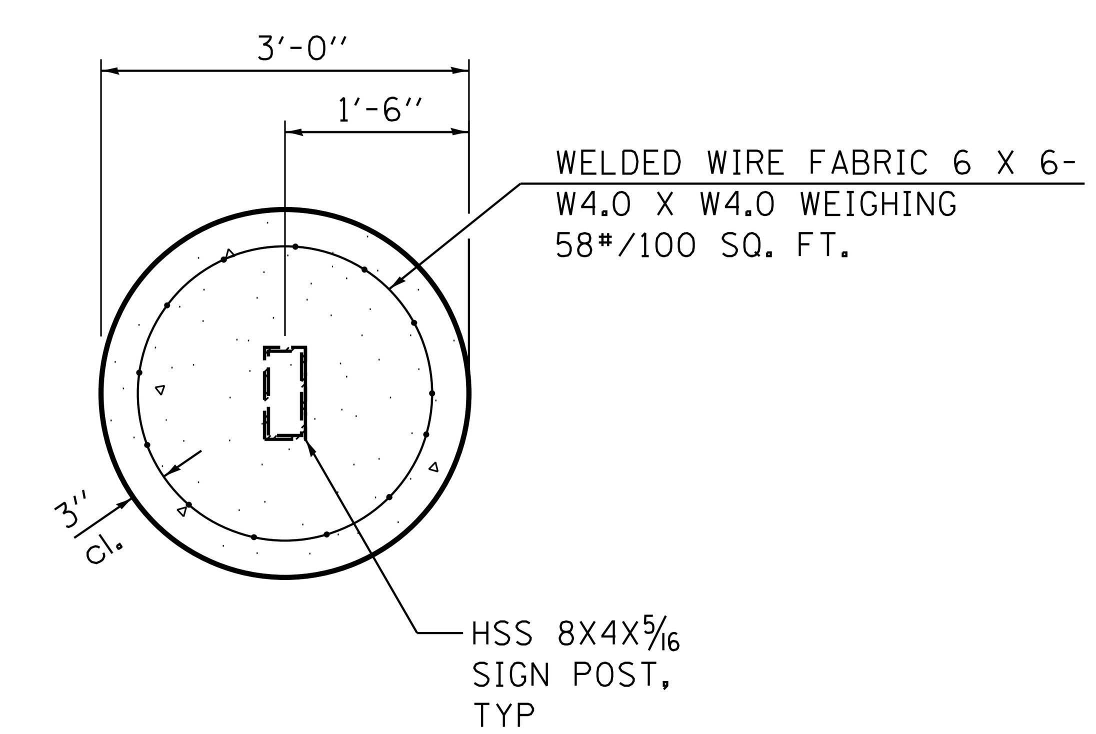
(LOOKING SOUTHWEST)

*NOT ITEMIZED SEPARATELY BUT INCLUDED IN THE PAY ITEM CONCRETE FOUNDATIONS (SPECIAL)

**TO BE PAID FOR SEPARATELY



ELEVATION



SECTION B-B

FOUNDATION FOOTING DETAIL

FILE NAME = W:\Projects\2013\130282 Bliss Phil\cadd\Civil\Dgn\Sht\DT_02-CHURCHSIGN.dgn

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116 WEST MAIN STREET, SUITE 201
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PLOT SCALE = 1:2	CHECKED -	REVISED -
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

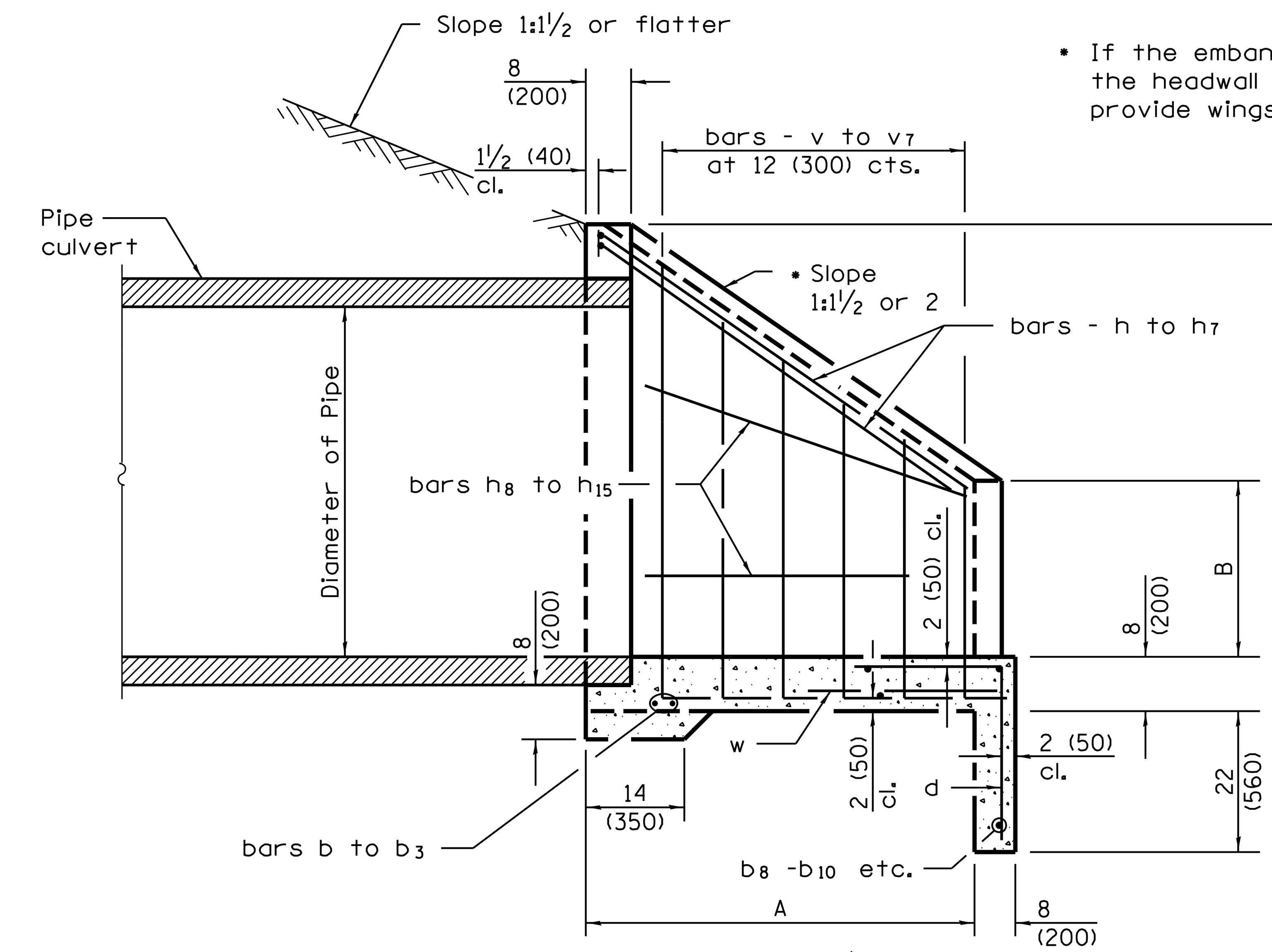
CHURCH SIGN FOUNDATION DETAIL

SCALE: | SHEET NO. 2 OF 5 SHEETS | STA. | TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	120

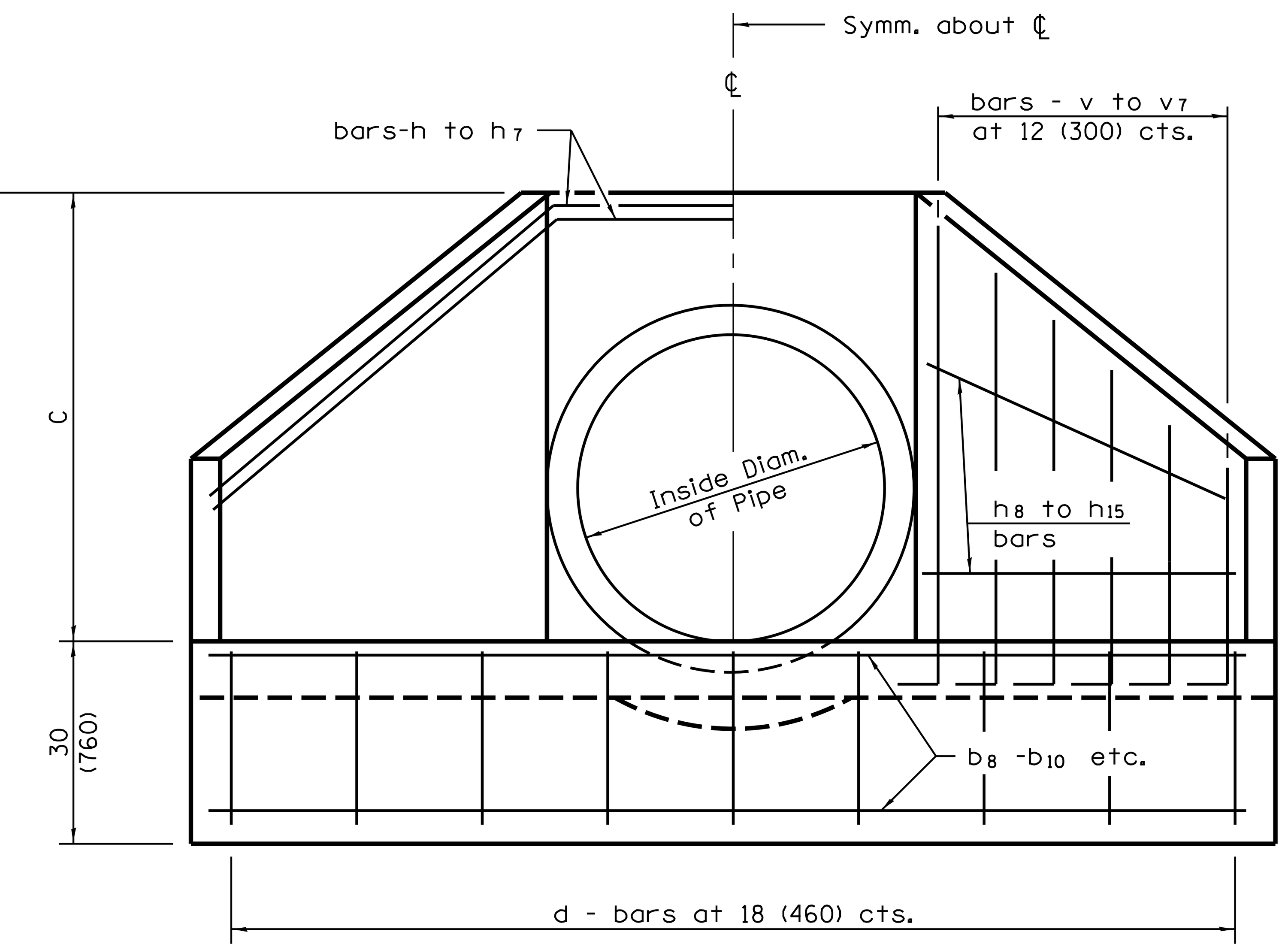
CONTRACT NO.

ILLINOIS FED. AID PROJECT

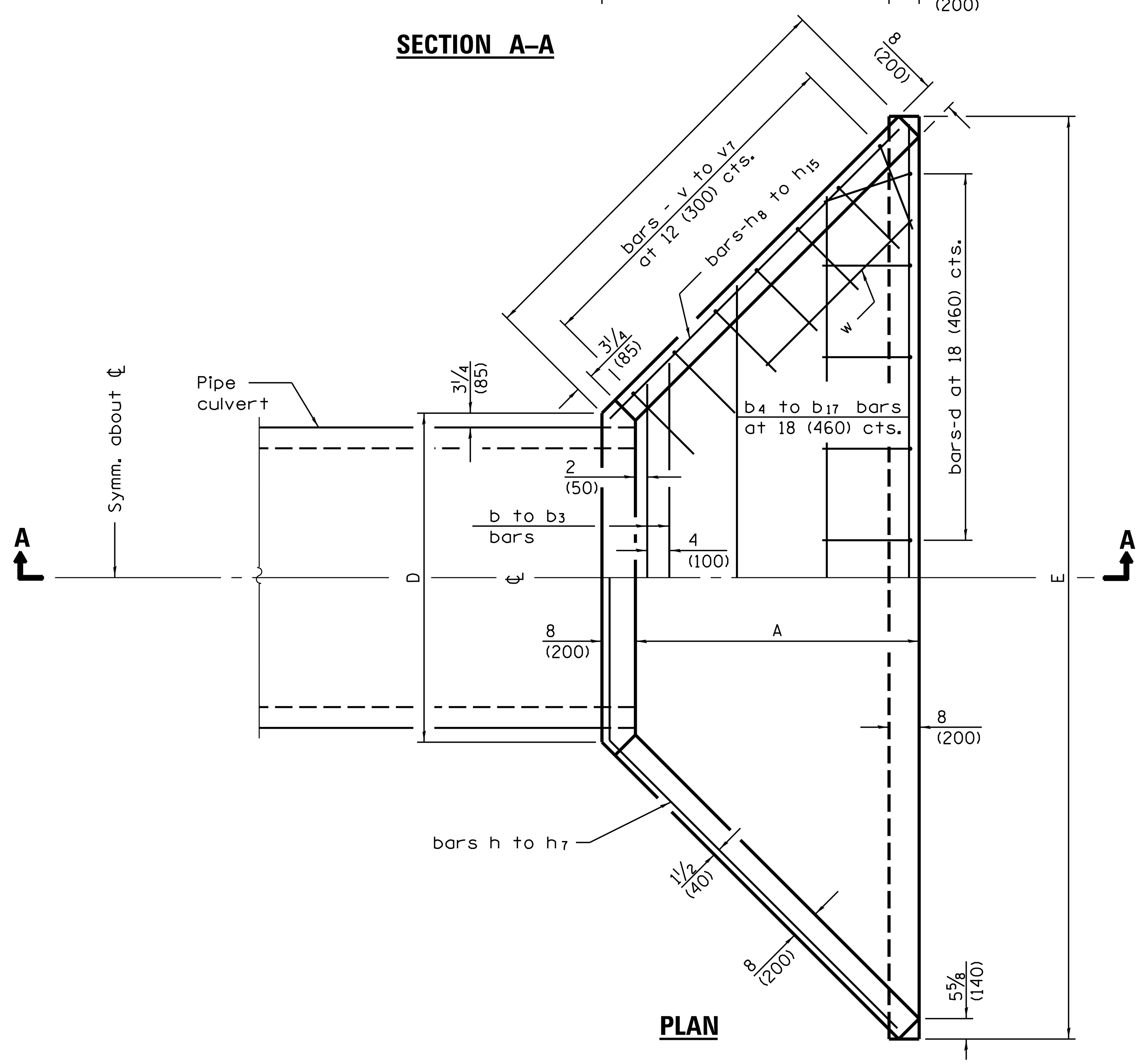


SECTION A–A

• If the embankment slope above the headwall is flatter than 1:2, provide wings for a 1:2 slope.



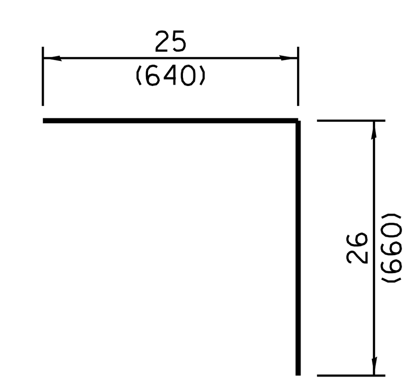
END ELEVATION



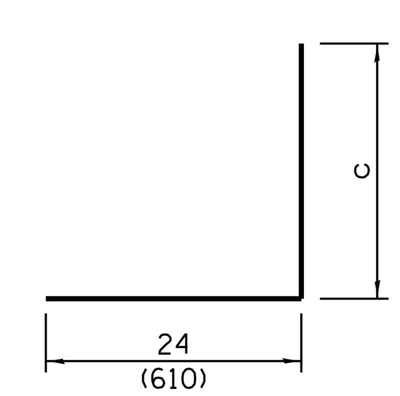
PLAN

DIMENSIONS AND QUANTITIES

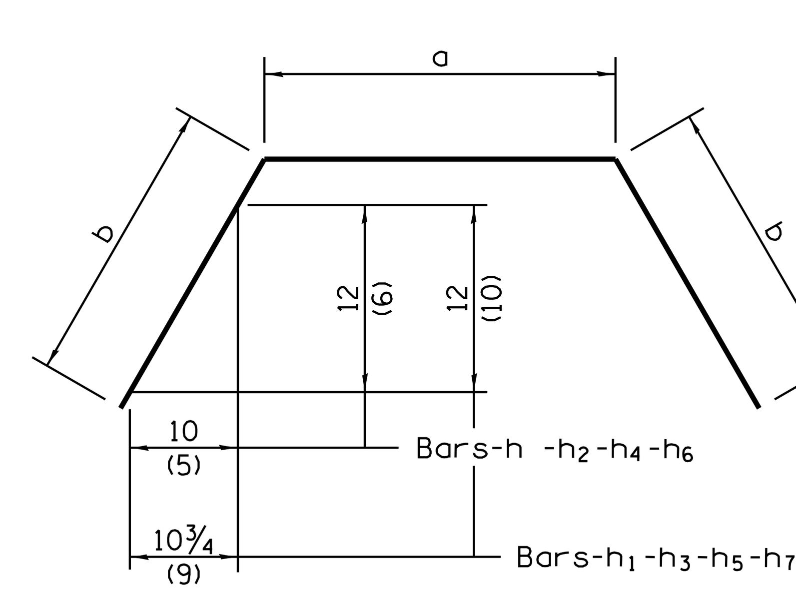
Design No.	Nominal Inside Dia. of Pipe	Slope of Wing Walls	Dimensions A	Dimensions B	Dimensions C	Dimensions D	Dimensions E	Dimensions F	Concrete 2 End Secs. cu. yds. (m^3)	Reinf. Bars 2 End Secs. lbs. (kg)
D42-1½ (D1.05-1½)	42 (1050)	1:1½	3′-4″ (1.01 m)	26 (660)	4′-4½″ (1.33 m)	4′-10″ (1.48 m)	11′-10½″ (3.63 m)	5′-0″ (1.52 m)	4.8 (3.7)	330 (150)
D42-2 (D1.05-2)	42 (1050)	1:2	4′-5″ (1.35 m)	26 (660)	1.33 m (1.33 m)	4′-10″ (1.48 m)	14′-0½″ (4.29 m)	6′-6¼″ (1.99 m)	6.2 (4.7)	400 (180)



No. 4 (No. 13) BAR–d



BARS – v to v7



BARS – h to h7

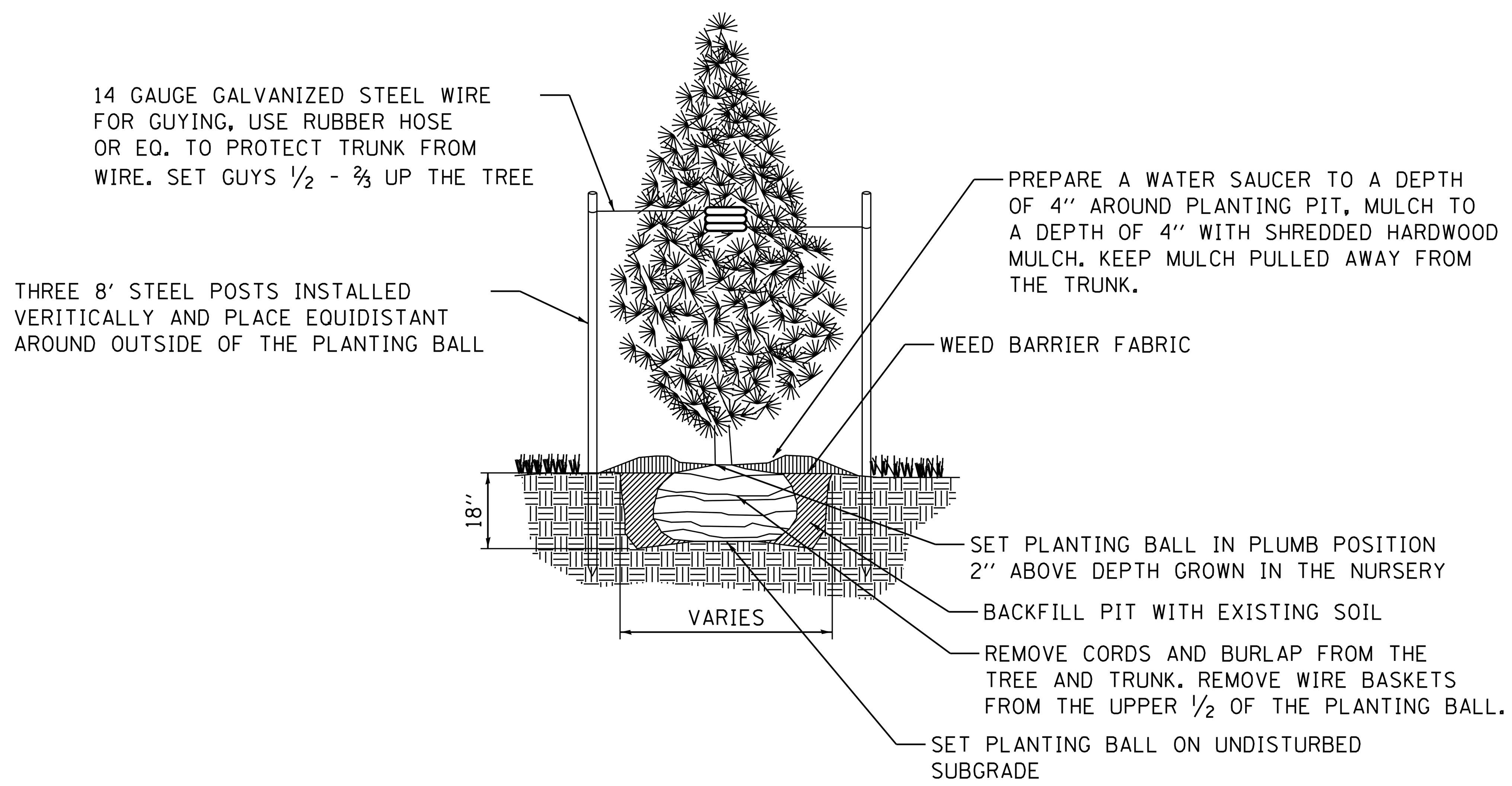
42 (1050) Pipe			
D42-1½ (D1.05-1½)		D42-2 (D1.05-2)	
Bars	No.	Bars	No.
d	8	d	9
b	2	b	2
b_5	1	b_4	1
b_8	2	b_8	1
		b_{11}	2
h	2	h_1	2
h_8	4	h_9	4
v_3	2	v_3	2
v_4	2	v_4	2
v_5	2	v_5	4
v_6	2	v_6	2
v_7	2	v_7	2
w	2	w	2

DIMENSIONS OF STRAIGHT BARS

Bar	Size	Length	Bar	Size	Length
b	No. 5 (No. 16)	6′-3″ (1.9 m)	b_{13}	No. 4 (No. 13)	15′-0″ (4.75 m)
b_1	No. 5 (No. 16)	6′-9″ (2.06 m)	b_{14}	No. 4 (No. 13)	15′-6″ (4.72 m)
b_2	No. 5 (No. 16)	7′-3″ (2.21 m)	b_{15}	No. 4 (No. 13)	16′-6″ (5.03 m)
b_3	No. 5 (No. 16)	8′-0″ (2.44 m)	b_{16}	No. 4 (No. 13)	17′-0″ (5.18 m)
b_4	No. 4 (No. 13)	8′-3″ (2.51 m)	b_{17}	No. 4 (No. 13)	19′-0″ (5.79 m)
b_5	No. 4 (No. 13)	9′-0″ (2.74 m)	h_8	No. 4 (No. 13)	4′-9″ (1.45 m)
b_6	No. 4 (No. 13)	10′-0″ (3.05 m)	h_9	No. 4 (No. 13)	6′-3″ (1.9 m)
b_7	No. 4 (No. 13)	10′-6″ (3.2 m)	h_{10}	No. 4 (No. 13)	5′-3″ (1.6 m)
b_8	No. 4 (No. 13)	11′-3″ (3.43 m)	h_{11}	No. 4 (No. 13)	7′-3″ (2.2 m)
b_9	No. 4 (No. 13)	12′-0″ (3.66 m)	h_{12}	No. 4 (No. 13)	6′-0″ (1.83 m)
b_{10}	No. 4 (No. 13)	13′-0″ (3.96 m)	h_{13}	No. 4 (No. 13)	8′-0″ (2.44 m)
b_{11}	No. 4 (No. 13)	13′-6″ (4.11 m)	h_{14}	No. 4 (No. 13)	6′-6″ (1.98 m)
b_{12}	No. 4 (No. 13)	14′-3″ (4.34 m)	h_{15}	No. 4 (No. 13)	8′-9″ (2.67 m)
			w	No. 4 (No. 13)	4′-0″ (1.22 m)

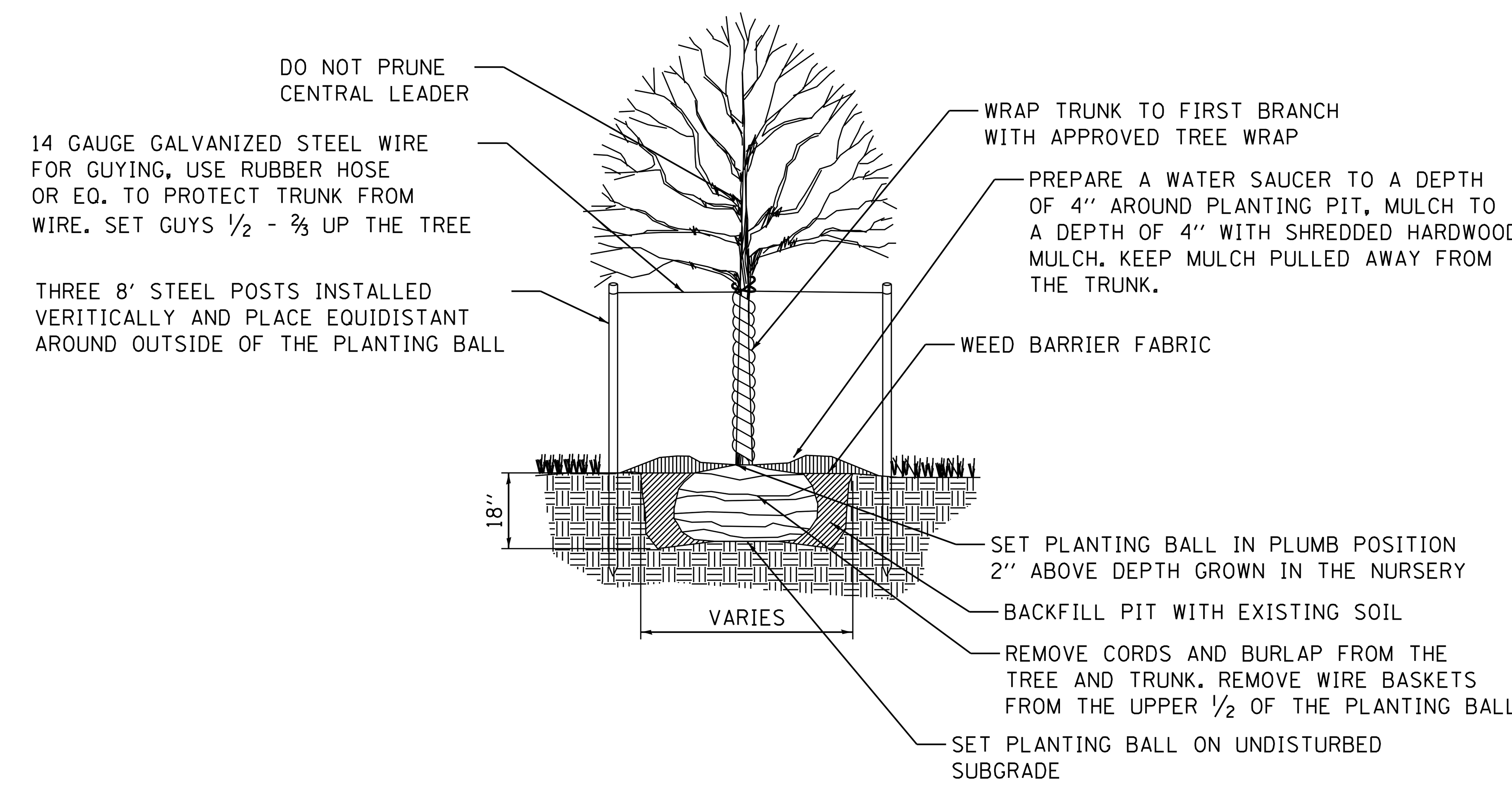
DIMENSIONS OF BENT BARS

No. 5 (No. 16) - bars v to v_7			No. 5 (No. 16) - bars h to h_7			
BARS	c	TOTAL LENGTH	BARS	a	b	TOTAL LENGTH
v	6′-0″ (1.83 m)	8′-0″ (2.44 m)	h	4′-8″ (1.42 m)	5′-2″ (1.57 m)	15′-0″ (4.56 m)
v_1	5′-6″ (1.68 m)	7′-6″ (2.29 m)	h_1	4′-8″ (1.42 m)	6′-8″ (2.03 m)	18′-0″ (5.48 m)
v_2	5′-0″ (1.52 m)	7′-0″ (2.13 m)	h_2	5′-3″ (1.6 m)	5′-10½″ (1.79 m)	17′-0″ (5.18 m)
v_3	4′-6″ (1.37 m)	6′-6″ (1.98 m)	h_3	5′-3″ (1.6 m)	7′-6″ (2.29 m)	20′-3″ (6.18 m)
v_4	4′-0″ (1.22 m)	6′-0″ (1.83 m)	h_4	5′-10″ (1.78 m)	6′-7″ (2.01 m)	19′-0″ (5.78 m)
v_5	3′-6″ (1.07 m)	5′-6″ (1.68 m)	h_5	5′-10″ (1.78 m)	8′-4″ (2.54 m)	22′-6″ (6.86 m)
v_6	36 (920)	5′-0″ (1.53 m)	h_6	6′-5″ (1.96 m)	7′-2″ (2.18 m)	20′-9″ (6.32 m)
v_7	24 (610)	4′-6″ (1.22 m)	h_7	6′-5″ (1.96 m)	9′-3½″ (2.83 m)	25′-0″ (7.59 m)



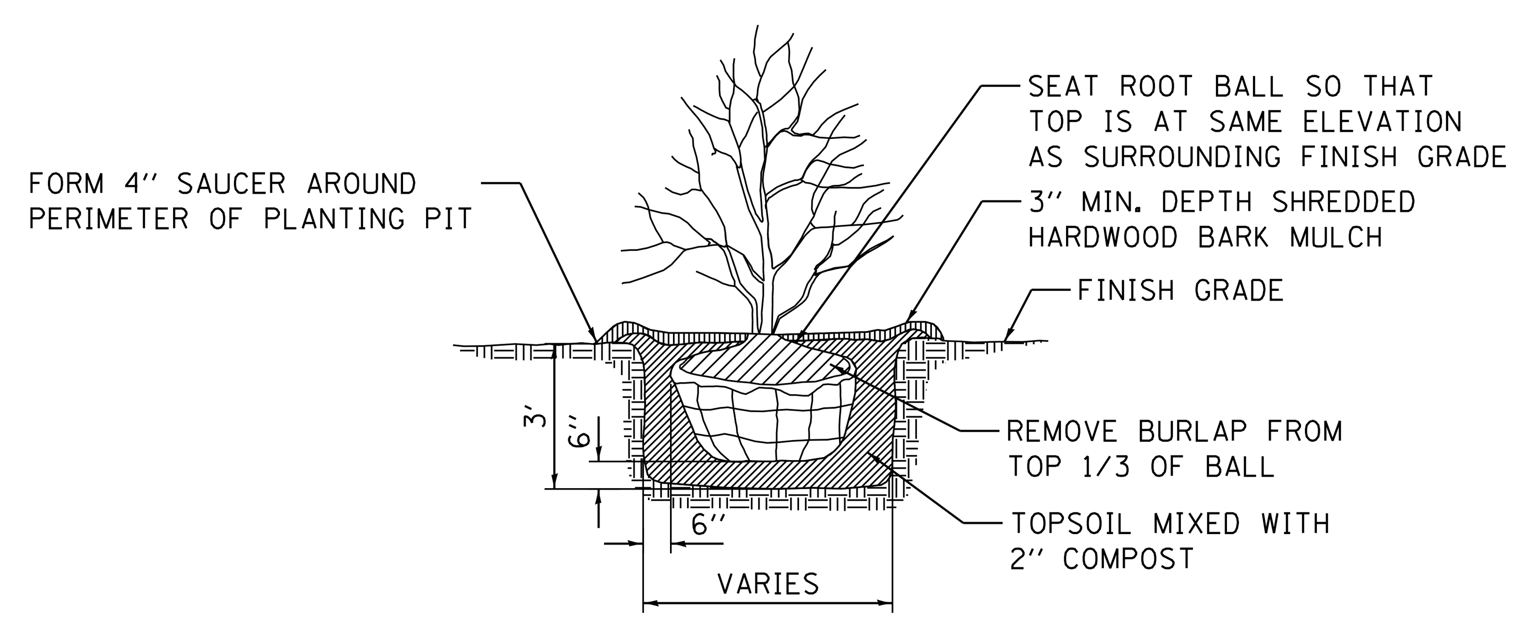
EVERGREEN PLANTING DETAIL

N.T.S.



TREE PLANTING DETAIL

N.T.S.



SHRUB PLANTING DETAIL

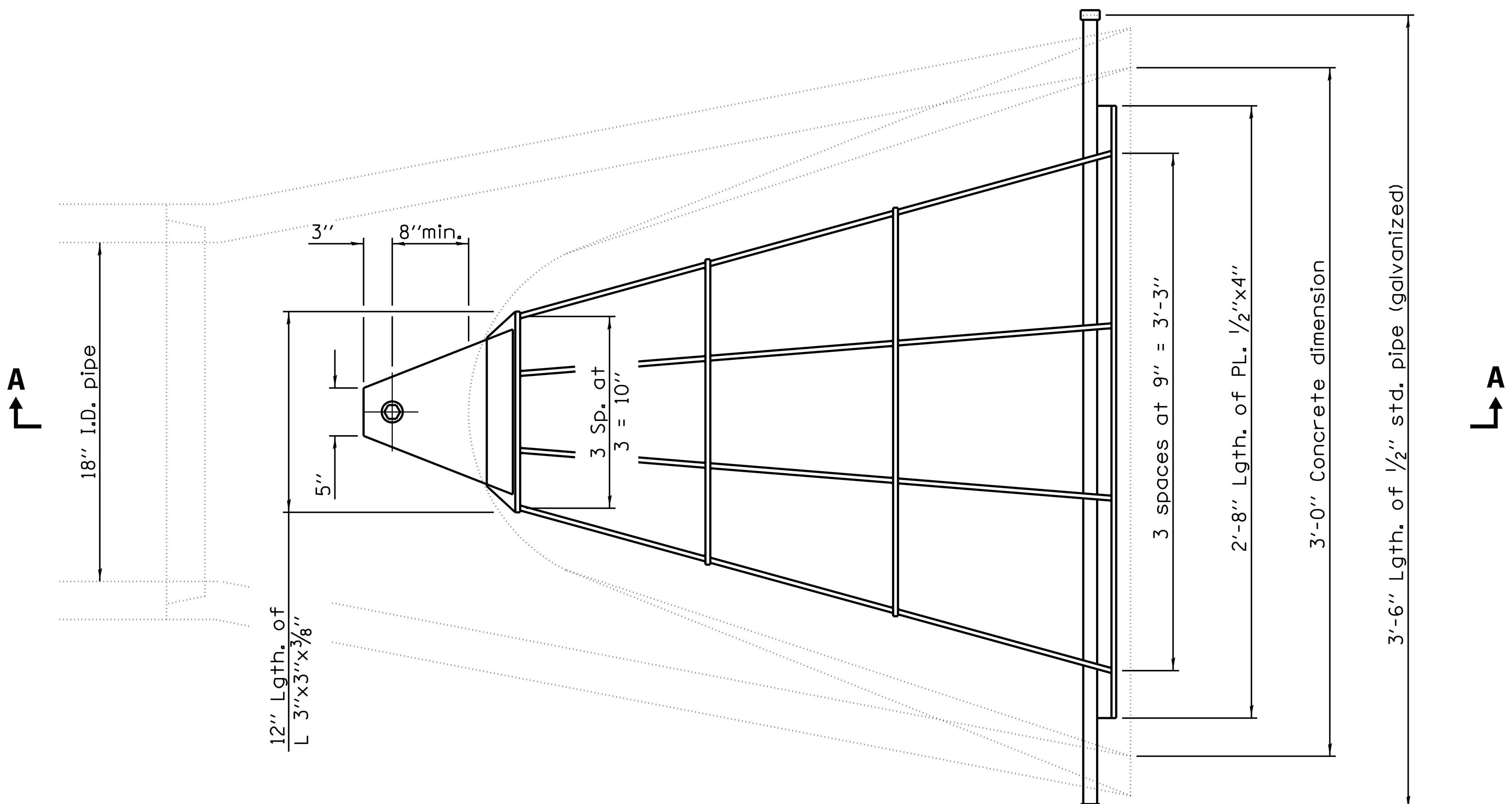
N.T.S.

ORNAMENTAL PLANTING TABLE

DESCRIPTION	UNIT	QTY
NEPETA x FAASSENII 'KIT KAT' KIT CAT CATMINT, 1 GALLON CONTAINER	EACH	18
BUXUS 'GLENCOE' CHICAGOLAND GREEN BOX WOOD, 24" HEIGHT, BALLED AND BURLAPPED	EACH	10

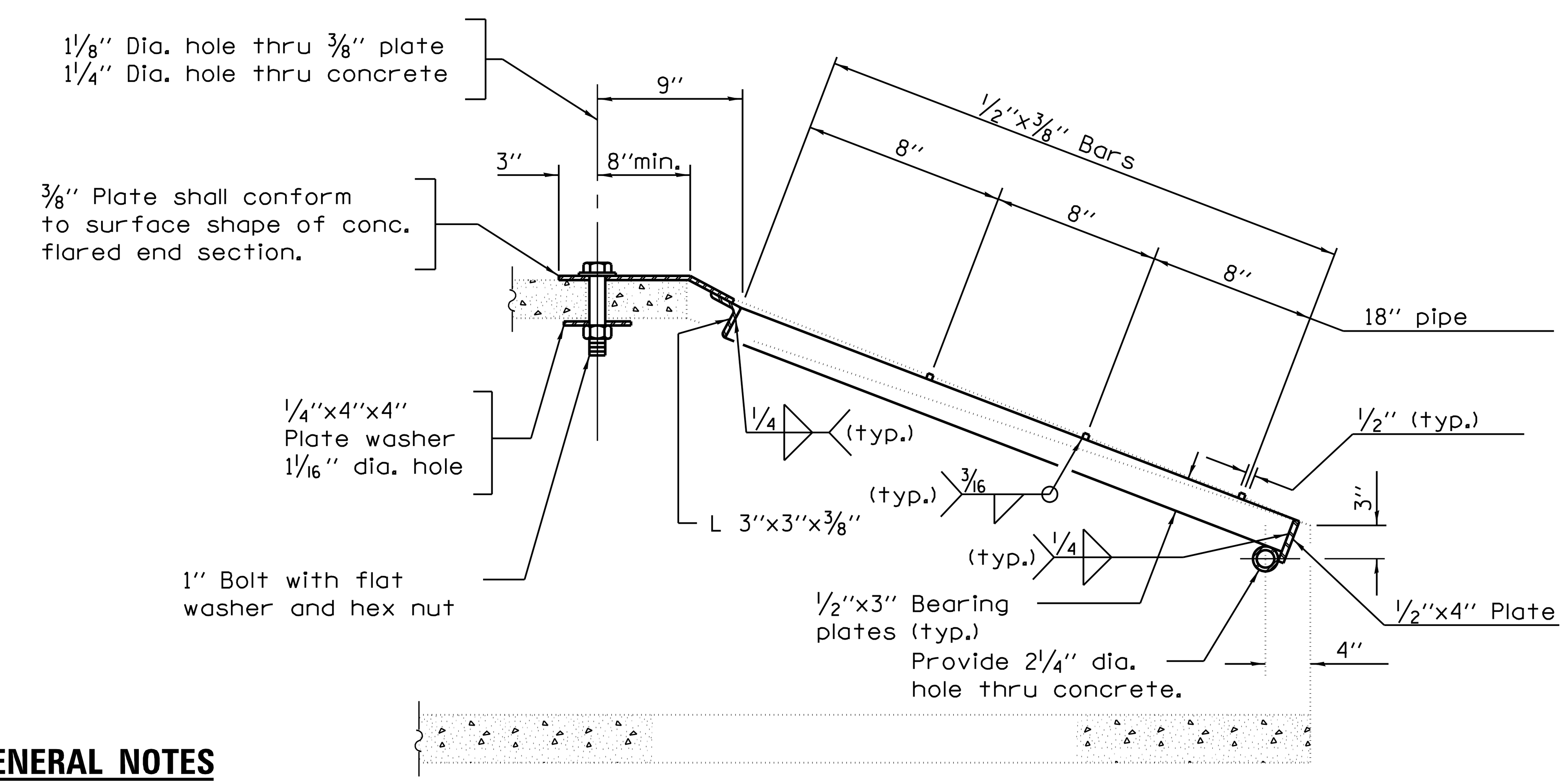
TREE PLANTING TABLE

PAY ITEM	DESCRIPTION	UNIT	LABEL	QTY
A2002920	TREE, CELTIS OCCIDENTALIS (COMMON HACKBERRY), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	**CO**	6
A2005020	TREE, GYMNOCLADUS DIOICUS (KENTUCKY COFFEETREE), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	**GD**	4
A2005674	TREE, OSTRYA VIRGINIANA (AMERICAN HOPHORNBEAM), 10' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	**OV**	7
A2006520	TREE, QUERCUS BICOLOR (SWAMP WHITE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	**QB**	3
A2006618	TREE, QUERCUS IMBRICARIA (SHINGLE OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	**QI**	3
A2006720	TREE, QUERCUS MACROCARPA (BUR OAK), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	**QM**	2
A2008519	TREE, ULMUS MORTON GLOSSY (TRIUMPH ELM), 2-1/2" CALIPER, BALLED AND BURLAPPED	EACH	**UM**	3
B2000766	TREE, AMELANCHIER X GRANDIFLORA AUTUMN BRILLIANCE (AUTUMN BRILLIANCE SERVICE BERRY), 6' HEIGHT, SHRUB FORM, BALLED AND BURLAPPED	EACH	**AG**	6
B2001566	TREE, CRATAEGUS CRUSGALLI (COCKSPUR HAWTHORN), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	**CC**	4
B2001866	TREE, CRATAEGUS MOLLIS (DOWNY HAWTHORN), 6' HEIGHT, CLUMP FORM, BALLED AND BURLAPPED	EACH	**CM**	3
D2001984	EVERGREEN, PICEA GLAUCA DENSATA (BLACK HILLS SPRUCE), 7' HEIGHT, BALLED AND BURLAPPED	EACH	**PG**	7
D2002184	EVERGREEN, PICEA PUNGENS (COLORADO SPRUCE), 7' HEIGHT, BALLED AND BURLAPPED	EACH	**PP**	7
D2002984	EVERGREEN, PINUS STROBUS (EASTERN WHITE PINE), 7' HEIGHT, BALLED AND BURLAPPED	EACH	**PS**	3



PLAN

Quantity of steel = 100 lbs.



SECTION A–A

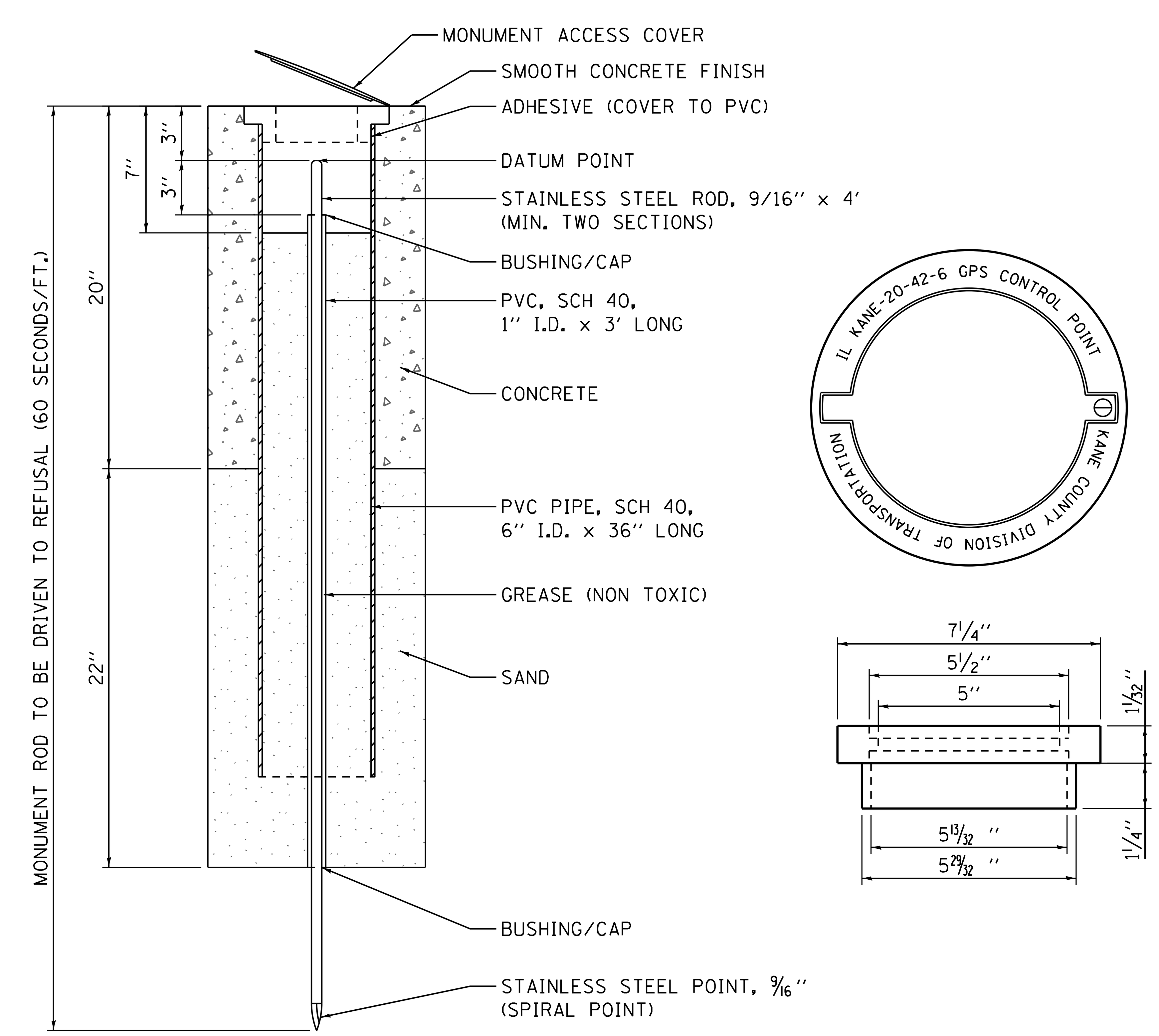
GENERAL NOTES

Grating details shown are intended for use with particular sizes of precast reinforced concrete flared end sections as shown on standards 542301.

Approximate quantity of steel shown includes total quantity of grating, bolts, nuts, washers and steel pipe.

Holes in the precast concrete flared end sections shall be cored to the diameters noted. If cone-out on the other end of the hole occurs, the hole shall be filled with grout to correct the diameter of the hole.

GRATING FOR 18"
PRECAST REINFORCED
CONCRETE FLARED END SECTION



PERMANENT SURVEY MONUMENT DETAIL

FILE NAME = W:\Projects\2013\130282 Bliss Phil\cadd\Civil\Dgn\Sht\DT_06_FES.dgn

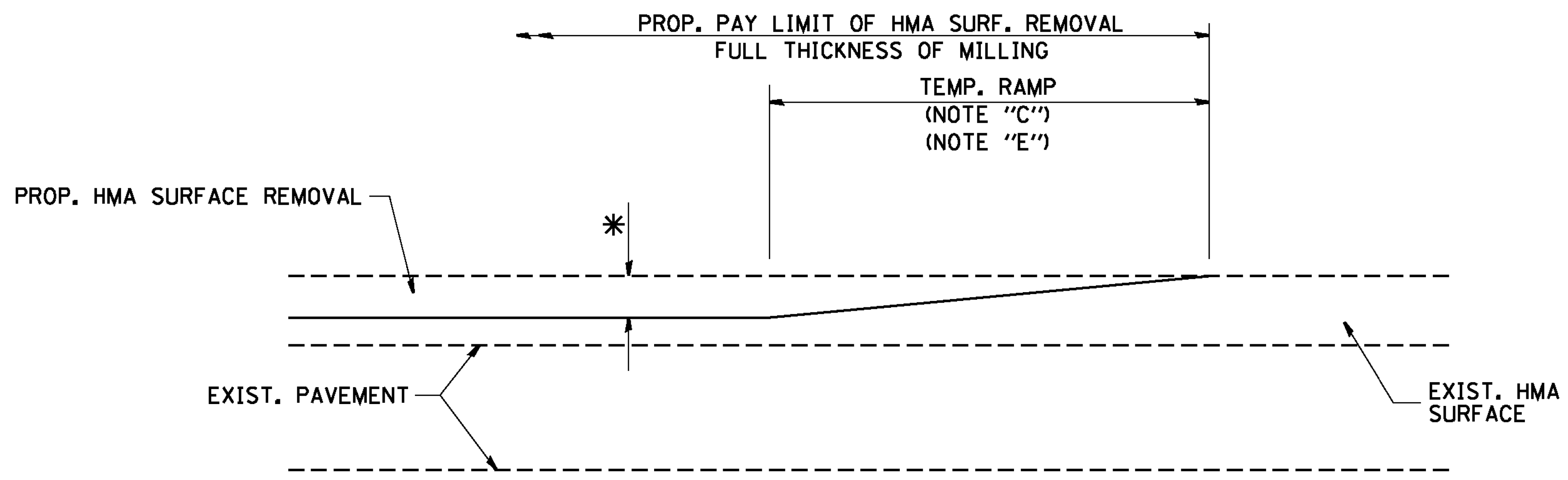
WBK engineering	WBK ENGINEERING, LLC 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755	USER NAME = nparris	DESIGNED -	REVISED -
			DRAWN -	REVISED -
		PLOT SCALE = 1:20	CHECKED -	REVISED -
		PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GRATING DETAIL

SCALE: | SHEET NO. 5 OF 5 SHEETS | STA. | TO STA.

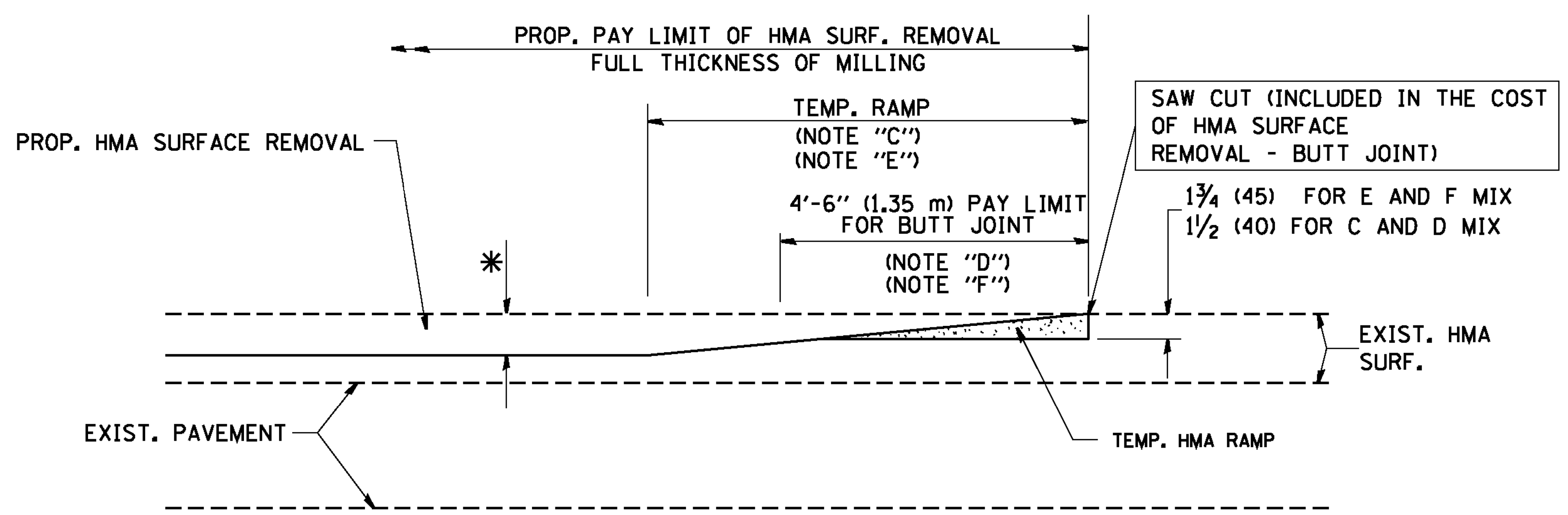
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	123
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		



MILLED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

OPTION 1

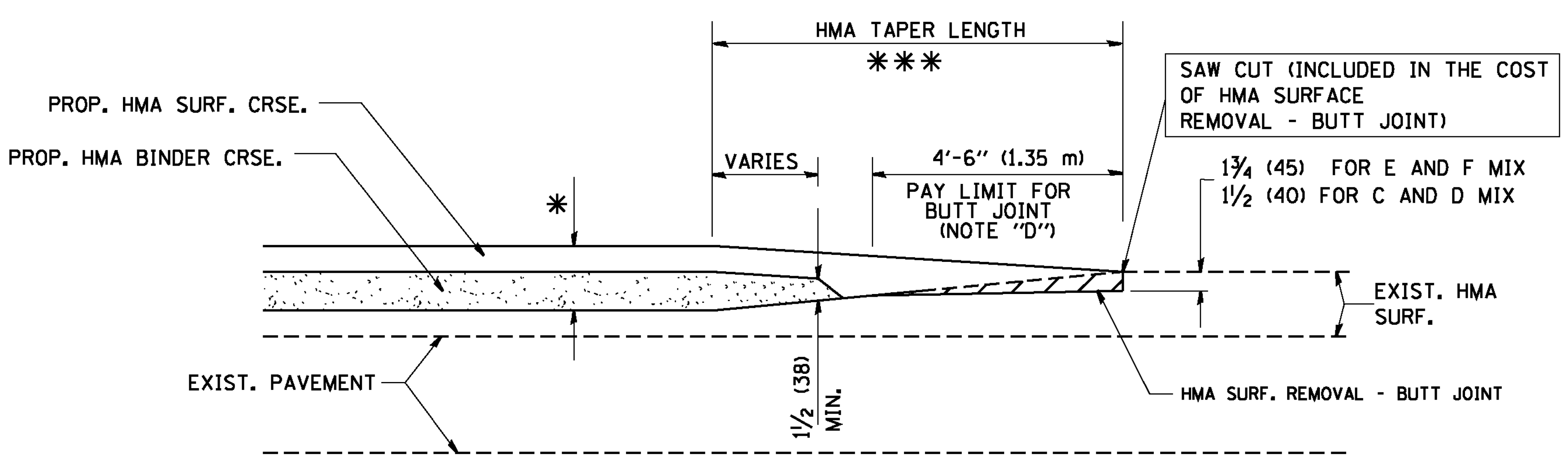


HMA CONSTRUCTED TEMPORARY RAMP

(FOR BUTT JOINT AND HMA TAPER SEE DETAIL BELOW)

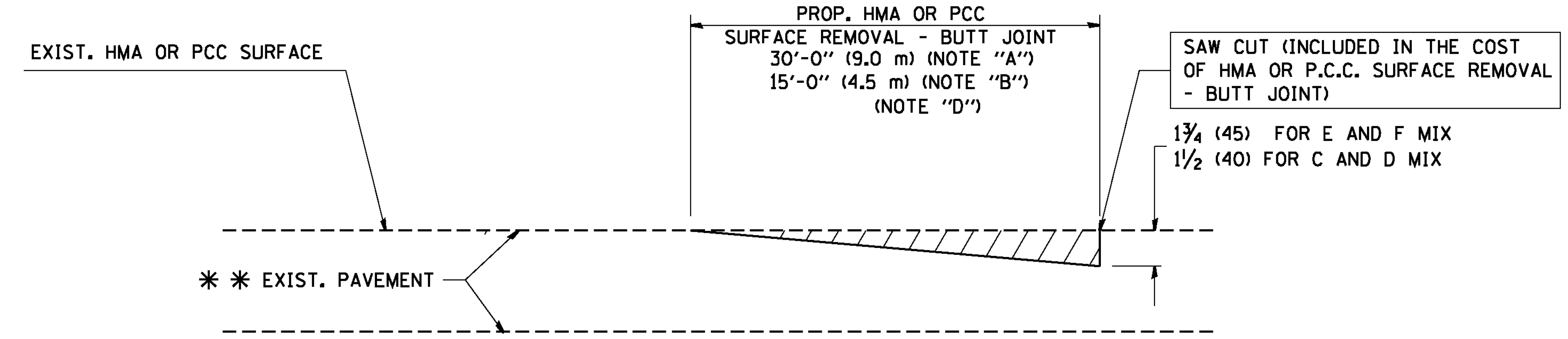
OPTION 2

TYPICAL TEMPORARY RAMP

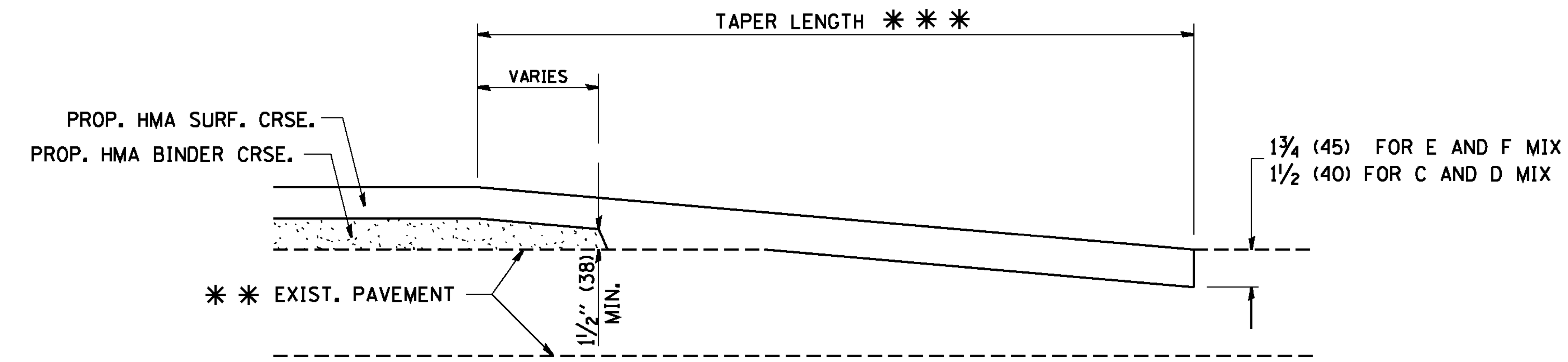


BUTT JOINT AND
HMA TAPER

TYPICAL BUTT JOINT AND HMA TAPER FOR MILLING AND RESURFACING



BUTT JOINT DETAIL



HMA TAPER DETAIL

TYPICAL BUTT JOINT AND HMA TAPER FOR RESURFACING ONLY

** PC CONCRETE, HMA OR HMA RESURFACED PAVEMENT.

NOTES

A: MAINLINE ROADWAYS AND MAJOR SIDE ROADS.

B: MINOR SIDE ROADS.

C: THE TEMP. RAMP SHALL BE CONSTRUCTED IMMEDIATELY UPON REMOVAL OF THE EXISTING HMA SURFACE.

D: THE BUTT JOINT SHALL BE CONSTRUCTED IMMEDIATELY PRIOR TO PLACING THE PROPOSED HMA COURSES.

E: TAPER THE TEMP. RAMP AT A RATE OF 3'-0" (900 mm) PER 1 INCH (25 mm) OF MILLING THICKNESS.

F: INSTALLATION AND REMOVAL OF THE 4'-6" (1.35 m) TEMP. RAMP IS INCLUDED IN COST OF HMA SURFACE REMOVAL - BUTT JOINT

G: SEE ARTICLE 406.08 AND 406.14 OF THE STANDARD SPECIFICATIONS FOR "HMA AND/OR PCC SURFACE REMOVAL, BUTT JOINT".

* SEE TYPICAL SECTIONS FOR MILLING THICKNESS.

*** 20'-0" (6.1 m) PER 1 (25) RESURFACING (NOTE "A")
10'-0" (3.0 m) PER 1 (25) RESURFACING (NOTE "B")

BASIS OF PAYMENT:

THE BUTT JOINT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER SQUARE YARD (SQUARE METER) FOR "HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT" OR FOR "PORTLAND CEMENT CONCRETE SURFACE REMOVAL- BUTT JOINT".

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

FILE NAME = W:\Projects\2013\130282 Bliss Phil\cadd\Civil\Dgn\Sht\DT_01-BD32.dgn

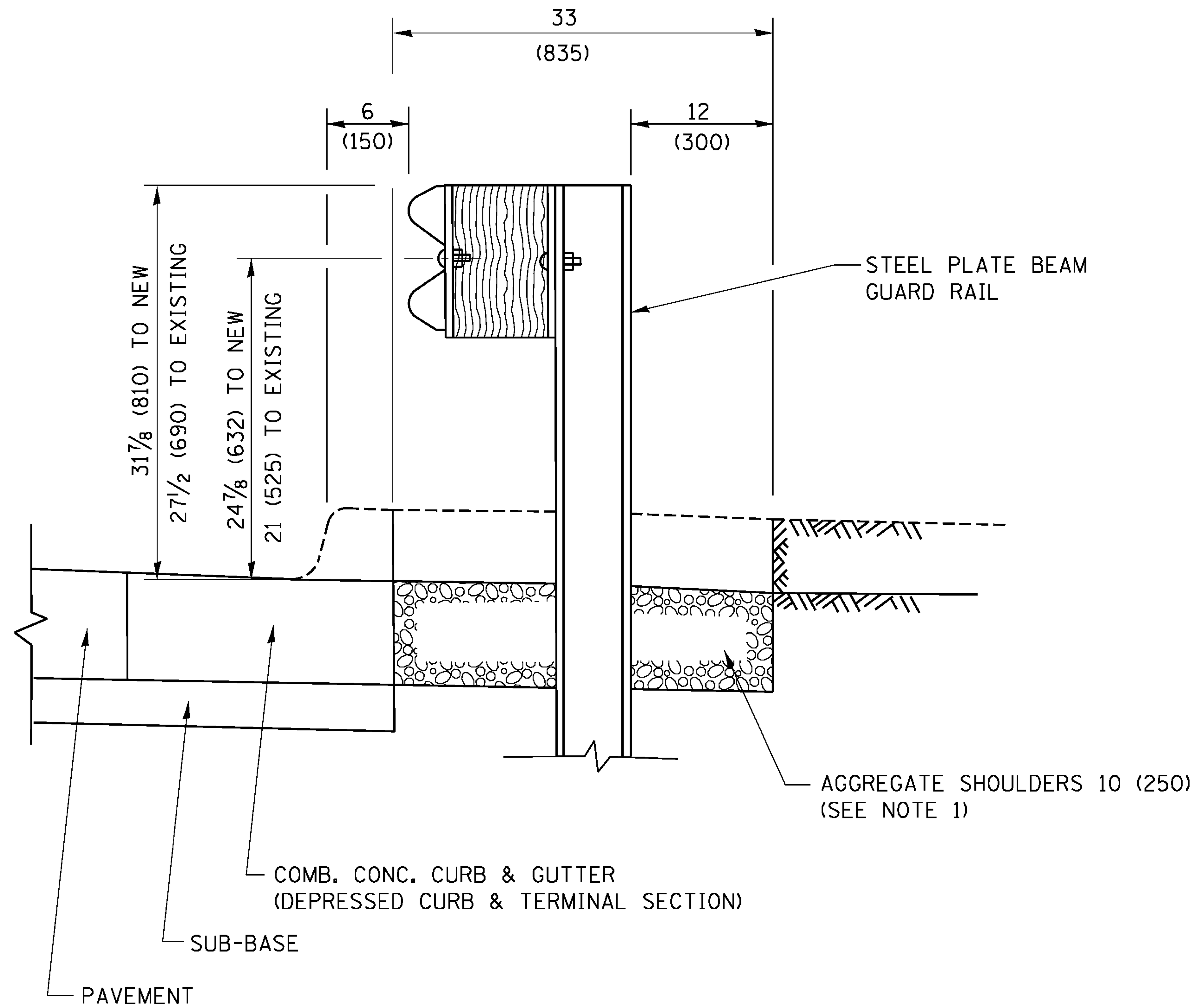
FILE NAME = W:\diststd\22x34\bd32.dgn	USER NAME = gaglianobt	DESIGNED - M. DE YONG	REVISED - R. SHAH 10-25-94
		DRAWN -	REVISED - A. ABBAS 03-21-97
	PLOT SCALE = 50.0000 ' / IN.	CHECKED -	REVISED - M. GOMEZ 04-06-01
	PLOT DATE = 1/4/2008	DATE - 06-13-90	REVISED - R. BORO 01-01-07

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BUTT JOINT AND
HMA TAPER DETAILS

SCALE: NONE | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	124
BD400-05 BD32		CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



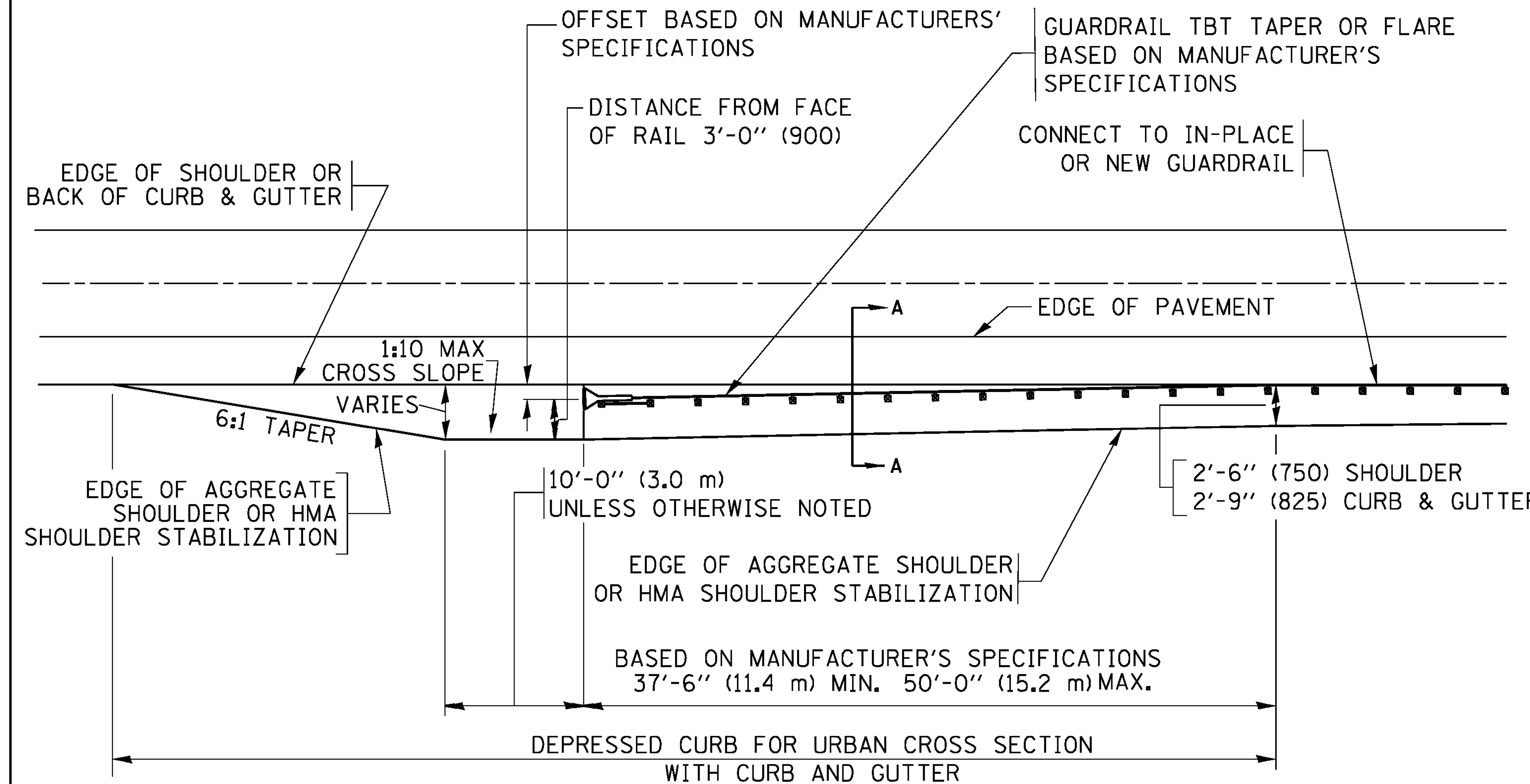
SECTION A-A

NOTES:

1. THE AGGREGATE SHOULDER, 10 (250) OR HMA SHOULDER, 6 (150) (IF REQUIRED) SHALL EXTEND UNDER THE TRAFFIC BARRIER TERMINAL.
2. "EXISTING" GUARDRAIL REFERS TO CONNECTING TERMINAL SECTION TO GUARD RAILING PRIOR TO THE MIDWEST GUARDRAIL SYSTEM.
3. THE CONTRACTOR SHALL VERIFY THE TYPE/HEIGHT OF GUARDRAIL IN-PLACE BEFORE ORDERING THE NEW TERMINAL SECTION. COST INCLUDED WITH THE COST OF THE TERMINAL. THE TERMINAL SECTION HEIGHT TO BE PLACED MUST MATCH THE HEIGHT OF THE IN-PLACE GUARDRAIL.

DETAILS FOR STEEL PLATE BEAM GUARD RAIL ADJACENT TO CURB AND GUTTER

[FOR ROADWAY SPEED 35 MPH (60 kmh) TO 45 MPH (70 kmh)]



DEPRESSED CURB AND GUTTER AND SHOULDER TREATMENT AT TBT TY. 1 SPL.

AGGREGATE SHOULDER, 10 (250) WILL BE PAID ACCORDING TO SECTION 481.

HMA SHOULDERS 6 (150) (IF REQUIRED) WILL BE PAID ACCORDING TO SECTION 482.

COMB. CONC. C&G, STEEL PLATE BEAM GUARD RAIL AND TRAFFIC BARRIER TERMINAL, OF THE TYPE SPECIFIED WILL BE PAID FOR SEPARATELY.

TBT = TRAFFIC BARRIER TERMINAL

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.

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FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\District1\CADData\CADsheets\bd34.dgn	USER NAME = drivakosgn	DESIGNED - M. DE YONG	REVISED - R. BORO 12-08-2008
		DRAWN	REVISED - R. BORO 09-14-2009
	PLOT SCALE = 50.0000 ' / in.	CHECKED -	REVISED - R. BORO 08-06-2012
Default	PLOT DATE = 12/21/2015	DATE - 09-22-90	REVISED - R. BORO 05-08-2015

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DETAILS FOR DEPRESSED CURB & GUTTER AND SHOULDER TREATMENT AT TBT TY. 1 SPL.

SCALE: NONE | SHEET 1 OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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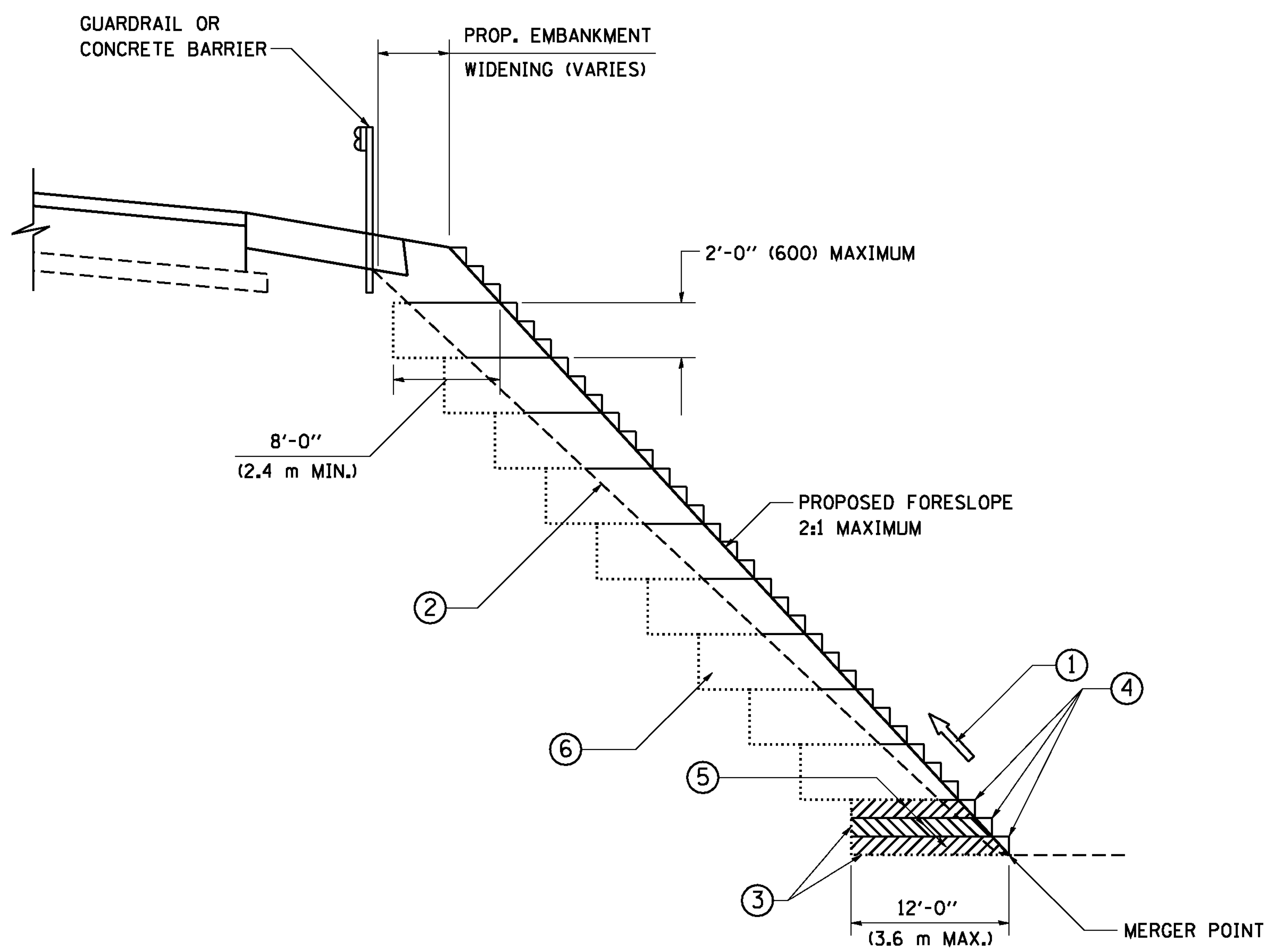
	BD600-10 (BD 34)	CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

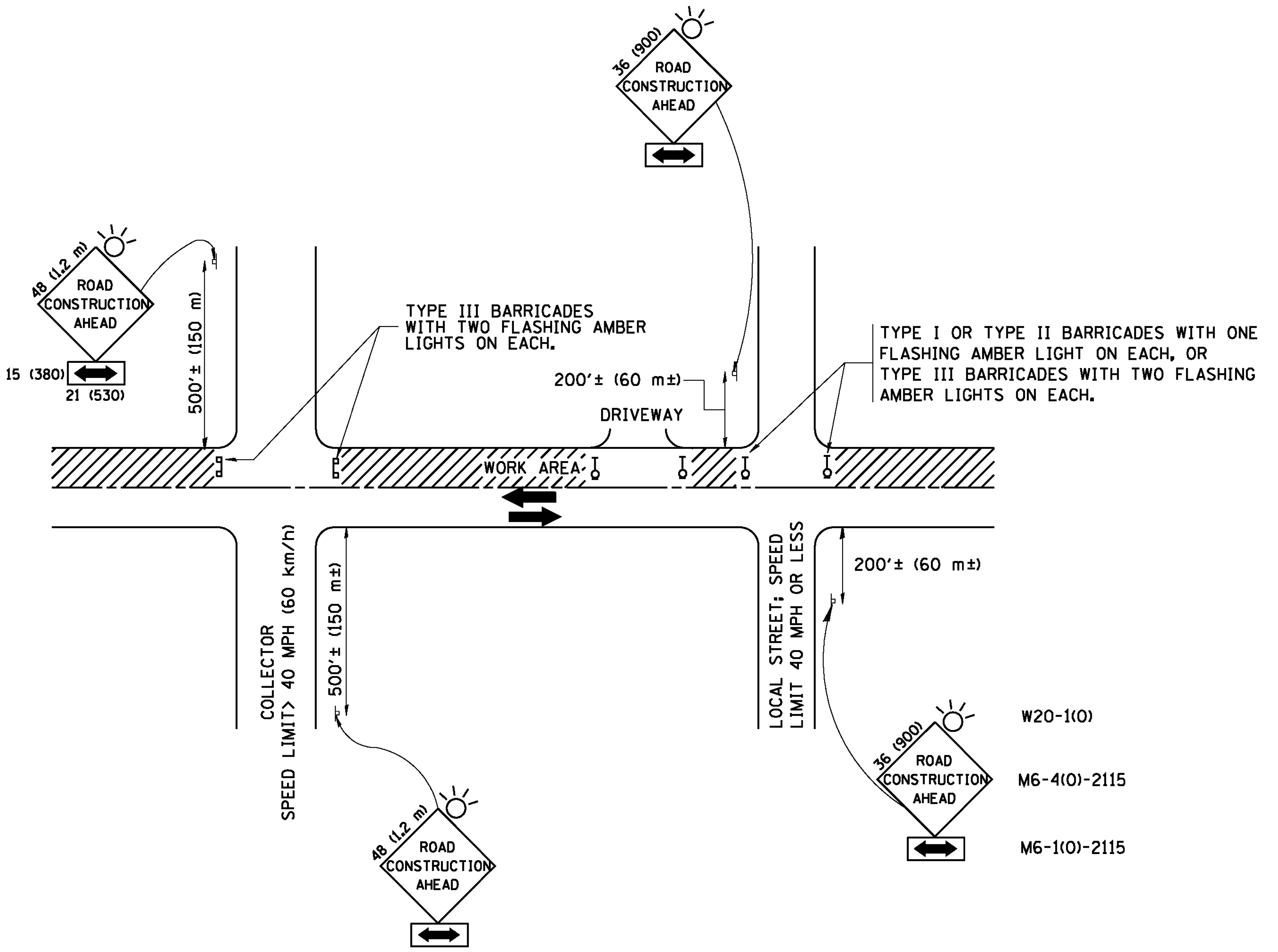


TYPICAL BENCHING DETAIL FOR EMBANKMENT

NOTES:

1. CONSTRUCT SUCCEEDING BENCH CUTS AND EMBANKMENT PLACEMENT AND COMPACTION FROM BOTTOM TO TOP IN STAIRSTEP FASHION.
2. EXISTING FORESLOPE PREPARED IN ACCORDANCE WITH ARTICLE 205.03 OF THE STANDARD SPECIFICATIONS.
3. BENCH CUT EXISTING SLOPE TYPICAL FOR EACH STEP.
4. TRIM TO FINAL SLOPE.
5. EQUAL 8-INCH (200) LIFTS OF EMBANKMENT COMPACTED IN ACCORDANCE WITH ARTICLE 205.05 OF THE STANDARD SPECIFICATIONS.
6. EXCAVATION OF BENCH CUTS WITHIN EXISTING EMBANKMENT WILL BE PAID FOR AT THE CONTRACT UNIT PRICE PER CUBIC METER OR CUBIC YARD FOR "EARTH EXCAVATION". THIS PRICE WILL INCLUDE ALL LABOR AND MATERIAL. NO ADDITIONAL COMPENSATION WILL BE ALLOWED.
7. SLOPES SHALL BE BENCHED ACCORDING TO THIS DETAIL WHEN THE SLOPE IS STEEPER THAN 4:1 AND THE HEIGHT IS GREATER THAN 5' (1.5 m).

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN.



TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS

NOTES:

A. FOR NO LANE RESTRICTION ON THE SIDE ROAD OR DRIVEWAYS

1. SIDE ROAD WITH A SPEED LIMIT OF 40 MPH (60 km/h) OR LESS AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 36 x 36 (900x900) WITH A FLASHER AND FLAG MOUNTED ON IT APPROXIMATELY 200' (60 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE I, TYPE II OR TYPE III BARRICADES, 1/3 OF THE CROSS SECTION OF THE CLOSED PORTION.

2. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER:

   a) ONE **ROAD CONSTRUCTION AHEAD** SIGN 48 x 48 (1.2 m x 1.2 m) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 500' (150 m) IN ADVANCE OF THE MAIN ROUTE.

   b) THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.

3. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).

B. FOR A LANE CLOSURE ON A SIDE ROAD OR DRIVEWAY:

USE APPLICABLE PORTIONS OF THE TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES (STD. 701501, STD. 701606 OR THE APPROPRIATE STANDARD). THE SPACING OF SIGNS AND BARRICADES SHALL BE ADJUSTED FOR FIELD CONDITIONS AS DIRECTED BY THE ENGINEER. THE DIRECTIONAL ARROW SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE SIDE ROAD LANE CLOSURE.

C. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAY UNLESS OTHERWISE NOTED.

D. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCIDENTAL TO THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

All dimensions are in millimeters (inches) unless otherwise shown.

FILE NAME = W:\Projects\2013\130282 Bliss Phil\cadd\Civil\Dgn\Sht\DT_01-TC10.dgn

FILE NAME = W:\diststd\22x34\tc10.dgn	USER NAME = gaglianobt	DESIGNED - LHA	REVISED - J. OBERLE 10-18-95	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS
		DRAWN -	REVISED - A. HOUSEH 03-06-96		
	PLOT SCALE = 50.000 ' / IN.	CHECKED -	REVISED - A. HOUSEH 10-15-96		
	PLOT DATE = 6/4/2020	DATE - 06-89	REVISED -T. RAMMACHER 01-06-00		SCALE: NONE · SHEET NO. OF SHEETS · STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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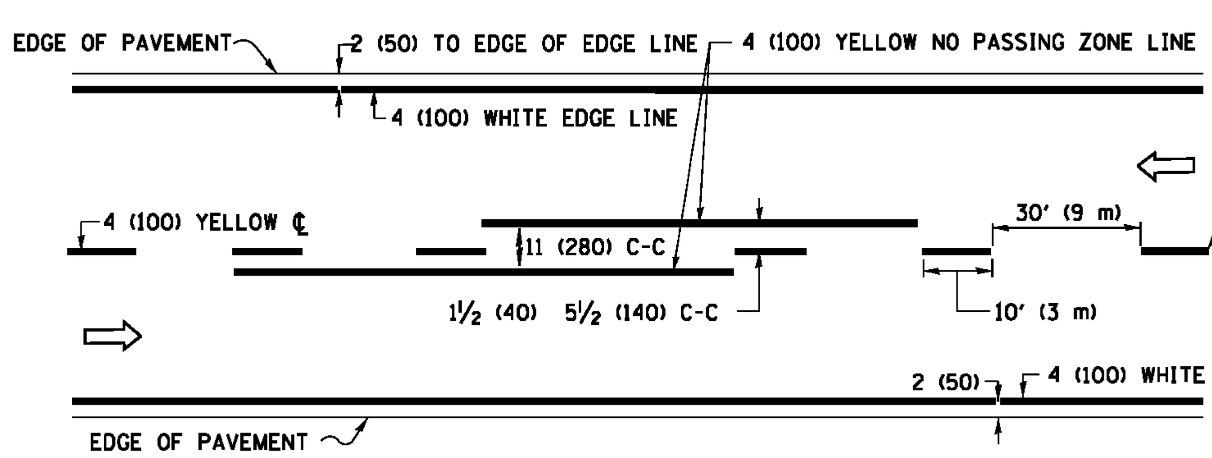
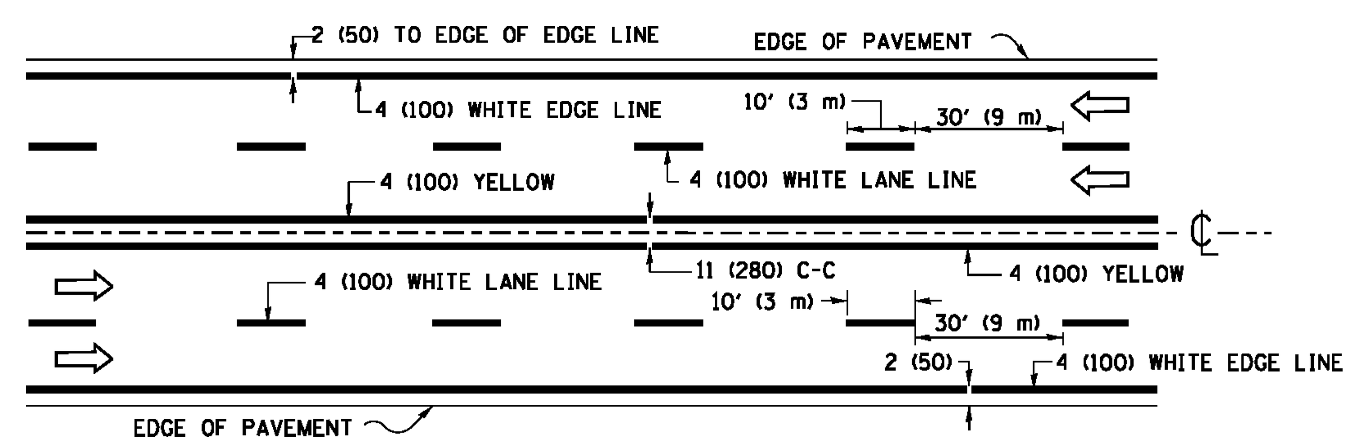
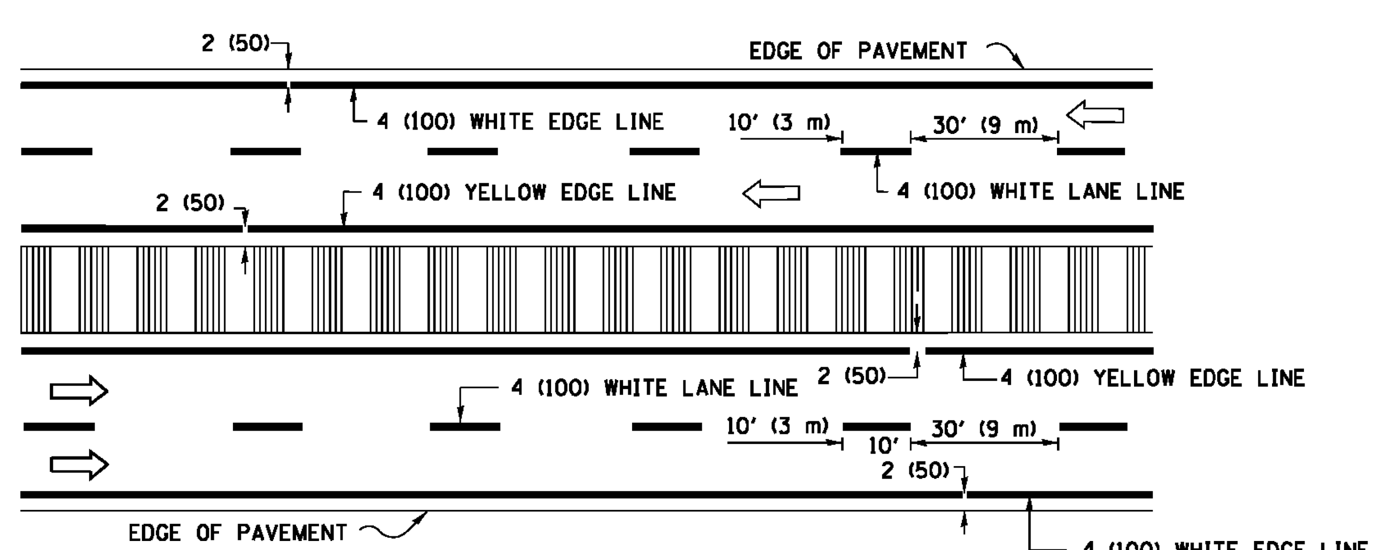
	TC-10	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



2-LANE ROADWAY

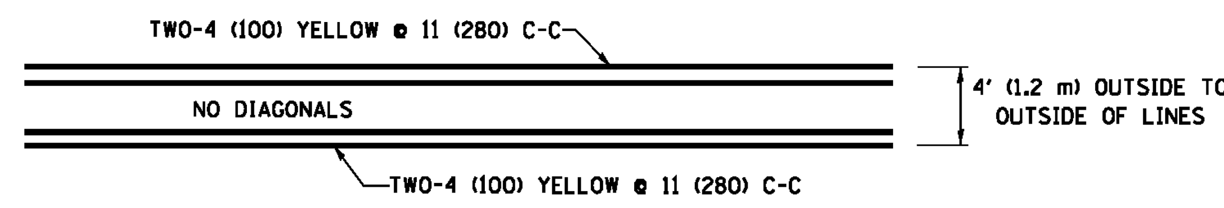


MULTI-LANE UNDIVIDED

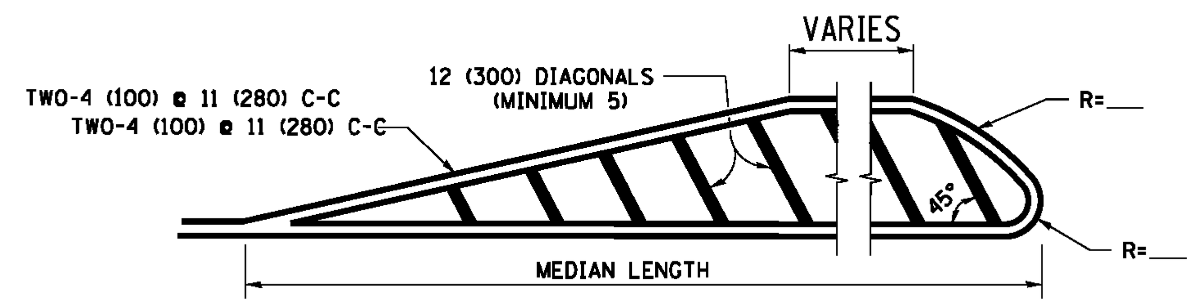


MULTI-LANE DIVIDED
WITH MEDIAN

TYPICAL LANE AND EDGE LINE MARKING



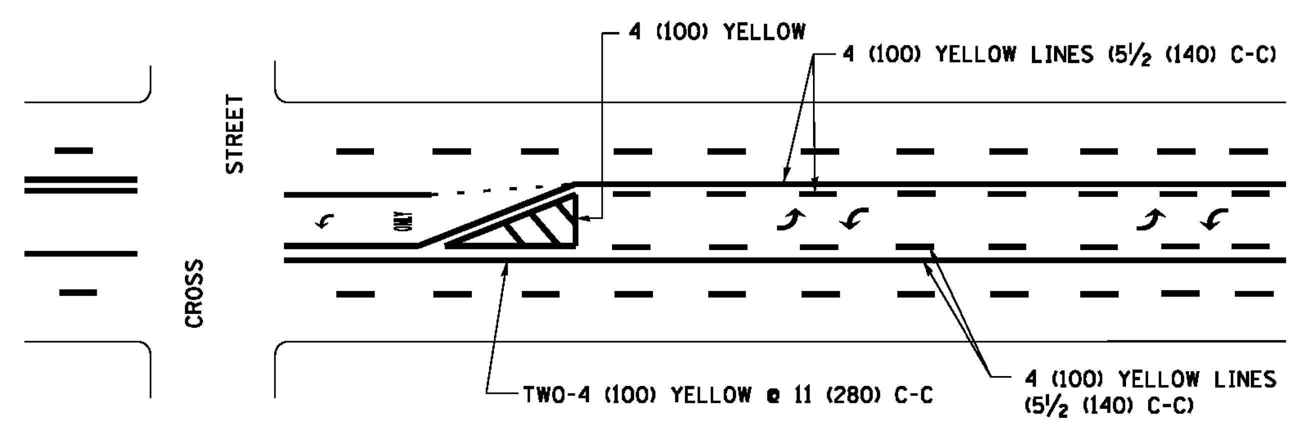
4' (1.2 m) WIDE MEDIANS ONLY



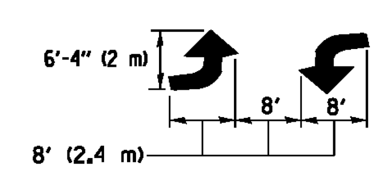
FOR MEDIAN LENGTHS WHERE DIAGONAL SPACING CANNOT BE ATTAINED, USE 5 (FIVE) EQUALLY SPACED DIAGONAL LINES.

DIAGONAL LINE SPACING: 50' (15 m) C-C (LESS THAN 30MPH (50 km/h))
75' (25 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h))
150' (45 m) C-C (MORE THAN 45MPH (70 km/h))

MEDIANS OVER 4' (1.2 m) WIDE

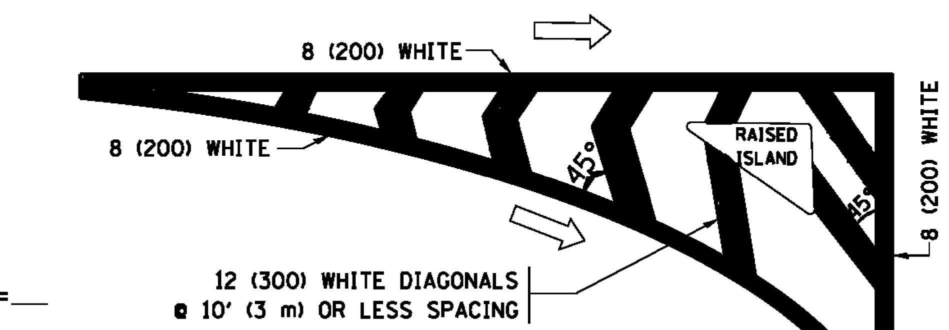


A MINIMUM OF TWO PAIRS OF TURN ARROWS SHALL BE USED, WHITE IN COLOR. ADDITIONAL PAIRS SHALL BE PLACED AT 200' (60 m) TO 300' (90 m) INTERVALS.

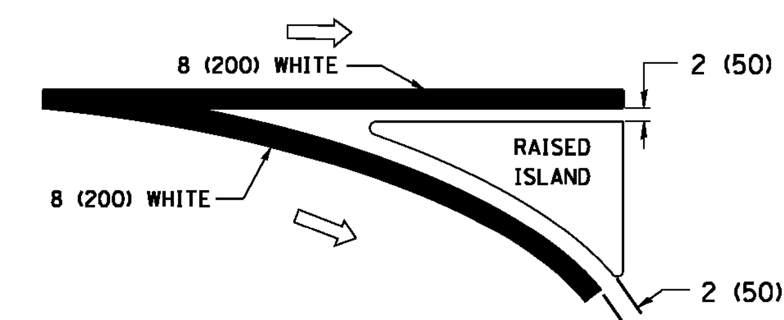


MEDIAN WITH TWO-WAY LEFT TURN LANE

TYPICAL PAINTED MEDIAN MARKING

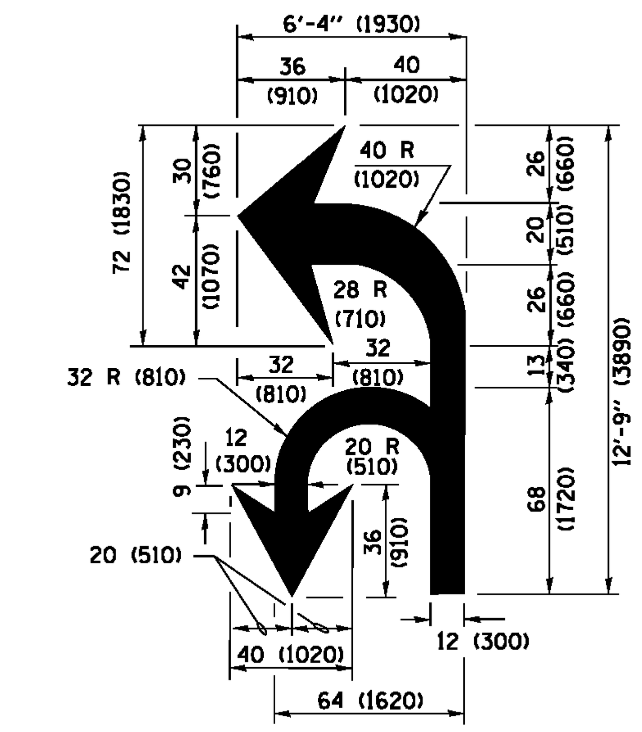


ISLAND OFFSET FROM PAVEMENT EDGE

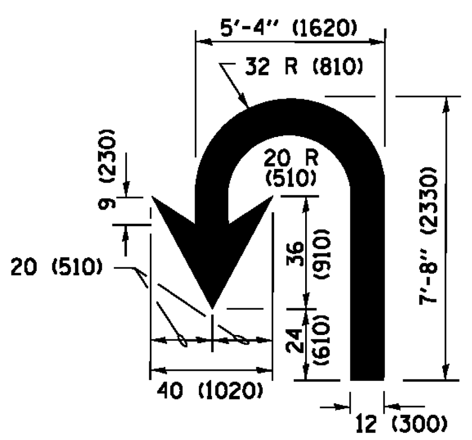


ISLAND AT PAVEMENT EDGE

TYPICAL ISLAND MARKING

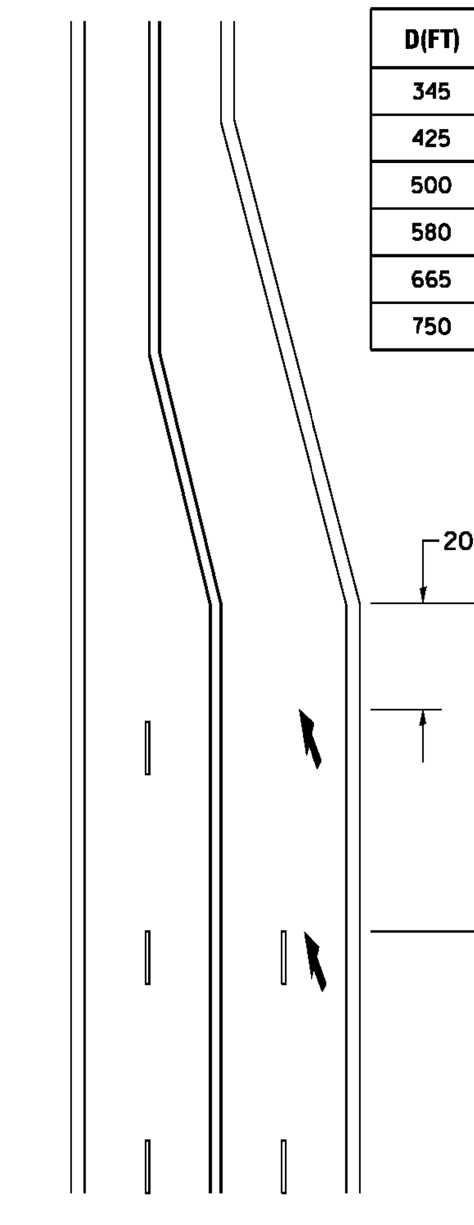


COMBINATION LEFT AND U-TURN



U-TURN

D(FT)	SPEED LIMIT
345	30
425	35
500	40
580	45
665	50
750	55



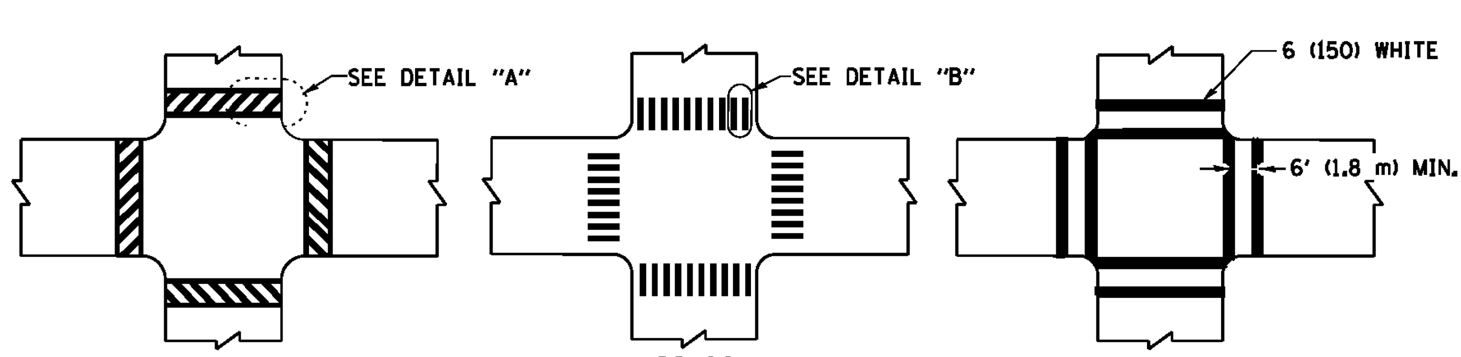
LANE REDUCTION TRANSITION

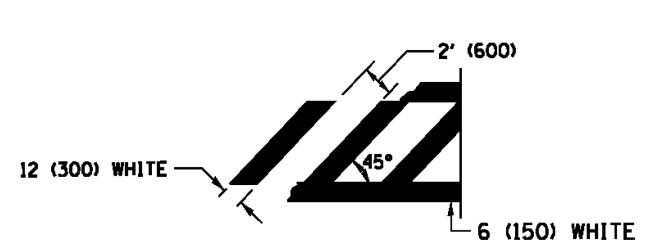
✳ LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

TYPE OF MARKING	WIDTH OF LINE	PATTERN	COLOR	SPACING /REMARKS
CENTERLINE ON 2 LANE PAVEMENT	4 (100)	SKIP-DASH	YELLOW	10' (3 m) LINE WITH 30' (9 m) SPACE
CENTERLINE ON MULTI-LANE UNDIVIDED PAVEMENT	2 @ 4 (100)	SOLID	YELLOW	11 (280) C-C
NO PASSING ZONE LINES: FOR ONE DIRECTION FOR BOTH DIRECTIONS	4 (100) 2 @ 4 (100)	SOLID SOLID	YELLOW YELLOW	5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN
LANE LINES	4 (100) 5 (125) ON FREEWAYS	SKIP-DASH SKIP-DASH	WHITE WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE
DOTTED LINES (EXTENSIONS OF CENTER, LANE OR TURN LANE MARKINGS)	SAME AS LINE BEING EXTENDED	SKIP-DASH	SAME AS LINE BEING EXTENDED	2' (600) LINE WITH 6' (1.8 m) SPACE
EDGE LINES	4 (100)	SOLID	YELLOW-LEFT WHITE-RIGHT	OUTLINE MEDIANS IN YELLOW
TURN LANE MARKINGS	6 (150) LINE; FULL SIZE LETTERS & SYMBOLS (8' (2.4m))	SOLID	WHITE	SEE TYPICAL TURN LANE MARKING DETAIL
TWO WAY LEFT TURN MARKING	2 @ 4 (100) EACH DIRECTION 8' (2.4m) LEFT ARROW	SKIP-DASH AND SOLID IN PAIRS	YELLOW WHITE	10' (3 m) LINE WITH 30' (9 m) SPACE FOR SKIP-DASH; 5½ (140) C-C BETWEEN SOLID LINE AND SKIP-DASH LINE SEE TYPICAL TWO-WAY LEFT TURN MARKING DETAIL
CROSSWALK LINES (PEDESTRIAN) A. DIAGONALS (BIKE & EQUESTRIAN) B. LONGITUDINAL BARS (SCHOOL)	2 @ 6 (150) 12 (300) @ 45° 12 (300) @ 90°	SOLID SOLID SOLID	WHITE WHITE WHITE	NOT LESS THAN 6' (1.8 m) APART 2' (600) APART 2' (600) APART SEE TYPICAL CROSSWALK MARKING DETAILS.
STOP LINES	24 (600)	SOLID	WHITE	PLACE 4' (1.2 m) IN ADVANCE OF AND PARALLEL TO CROSSWALK, IF PRESENT. OTHERWISE, PLACE AT DESIRED STOPPING POINT. PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE
PAINTED MEDIANS	2 @ 4 (100) WITH 12 (300) DIAGONALS @ 45° NO DIAGONALS USED FOR 4' (1.2 m) WIDE MEDIANS	SOLID	YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC	11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING.
GORE MARKING AND CHANNELIZING LINES	8 (200) WITH 12 (300) DIAGONALS @ 45°	SOLID	WHITE	DIAGONALS: 15' (4.5 m) C-C (LESS THAN 30MPH (50 km/h)) 20' (6 m) C-C 30MPH (50 km/h) TO 45MPH (70 km/h)) 30' (9 m) C-C (OVER 45MPH (70 km/h))
RAILROAD CROSSING	24 (600) TRANSVERSE LINES; "RR" IS 6' (1.8 m) LETTERS; 16 (400) LINE FOR "X"	SOLID	WHITE	SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SQ. FT. (0.33 m^2) EACH "X"=54.0 SQ. FT. (5.0 m^2)
SHOULDER DIAGONALS (REQUIRED FOR SHOULDERS ≥ 8')	12 (300) @ 45°	SOLID	WHITE - RIGHT YELLOW - LEFT	50' (15 m) C-C (LESS THAN 30MPH (50 km/h)) 75' (25 m) C-C (30 MPH (50 km/h) TO 45MPH (70 km/h)) 150' (45 m) C-C (OVER 45MPH (70 km/h))
U TURN ARROW	SEE DETAIL	SOLID	WHITE	16.3 SF
2 ARROW COMBINATION LEFT AND U TURN	SEE DETAIL	SOLID	WHITE	30.4 SF

FOR FURTHER DETAILS ON PAVEMENT MARKING REFER TO STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND STATE STANDARD 780001.

All dimensions are in inches (millimeters) unless otherwise shown.



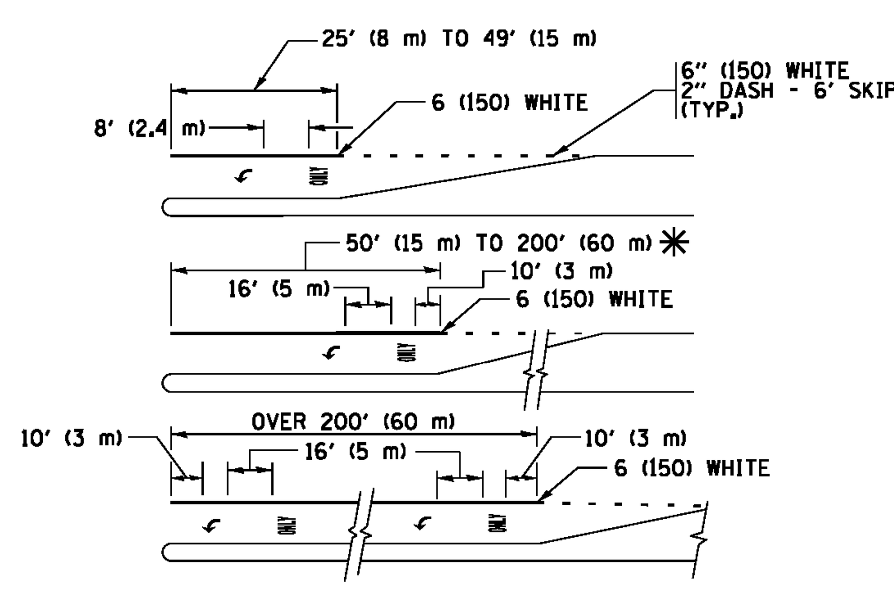


DETAIL "A"

DETAIL "B"

TYPICAL CROSSWALK MARKING

✳ MARKINGS SHALL BE INSTALLED PARALLEL TO THE CENTERLINE OF THE ROAD WHICH IT CROSSES



FULL SIZE LETTERS 8' (2.4 m) AND ARROWS SHALL BE USED.
↰ AREA = 15.6 SQ. FT. (1.5 m^2) ONLY AREA = 20.8 SQ. FT. (1.9 m^2)

✳ TURN LANES IN EXCESS OF 400' (120 m) IN LENGTH MAY HAVE AN ADDITIONAL SET OF ARROW - "ONLY" INSTALLED MIDWAY BETWEEN THE OTHER TWO SETS OF ARROW - "ONLY".

TYPICAL LEFT (OR RIGHT) TURN LANE

TYPICAL TURN LANE MARKING

FILE NAME = pw:\\IL084EBIDINTEG.illinois.gov:PWIDOT\Documents\IDOT Offices\District 1\Projects\Dist\...\CADData\CADsheets\tc13.dgn Default	USER NAME = footemj PLOT SCALE = 50.000 ' / in. PLOT DATE = 4/13/2016	DESIGNED - EVERS CHECKED - DATE - 03-19-90	REVISED - C. JUCIUS 09-09-09 REVISED - C. JUCIUS 07-01-13 REVISED - C. JUCIUS 12-21-15 REVISED - C. JUCIUS 04-12-16

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DISTRICT ONE
TYPICAL PAVEMENT MARKINGS
TC-13

SCALE: NONE | SHEET 1 OF 1 SHEETS | STA. TO STA.

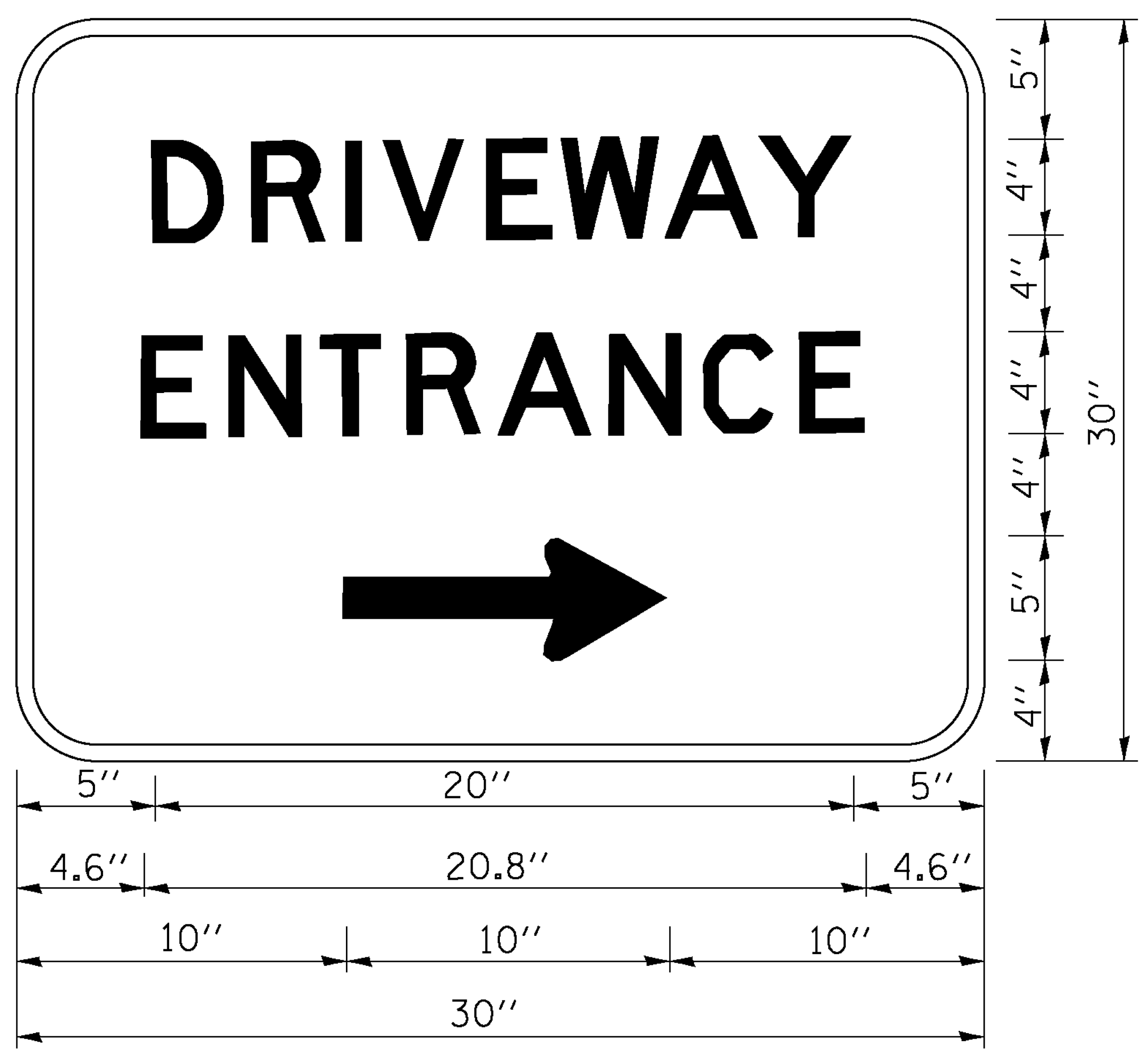
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	128
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FILE NAME = W:\Projects\2013\130282 Bliss Phil\cadd\Civil\Dgn\Sht\DT_01-TC13.dgn

FILE NAME = W:\Projects\2013\130282 Bliss Phill\cadd\Civil\Dgn\Sht\DT_01-TC21.dgn

FILE NAME = c:\pw_work\PWIDOT\DRIVAKOSGN\d0108315\tc21.dgn	USER NAME = drivakosgn	DESIGNED -	REVISED - 10-18-02	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	DETOUR SIGNING FOR CLOSING STATE HIGHWAYS
		DRAWN -	REVISED - R. BORO 09-14-09		
	PLOT SCALE = 49.9999 ' / IN.	CHECKED -	REVISED -		
	PLOT DATE = 6/7/2016	DATE -	REVISED -		SCALE: NONE SHEET NO. OF SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	129
TC-21		CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		



3.0″ RADIUS, 0.5″ BORDER, WHITE ON GREEN; REFLECTORIZED
″DRIVEWAY″ D; ″ENTRANCE″ D; STANDARD ARROW CUSTOM 12.0″ x 5.0″

NOTES:

1. HALF OF THE SIGNS WILL REQUIRE A LEFT HAND FACING ARROW.
2. TWO SIGNS SHALL BE USED AT EACH COMMERCIAL ENTRANCE PLACED BACK-TO-BACK: ONE WITH A RIGHT HAND ARROW (SHOWN) SHALL BE PLACED ON THE NEAR RIGHT SIDE THE DRIVEWAY AND ONE WITH A LEFT HAND ARROW SHALL BE PLACED ON THE FAR LEFT SIDE OF THE DRIVEWAY.
3. SIGNS TO BE PAID FOR AS ITEM ″TEMPORARY INFORMATION SIGNING″.

FILE NAME = W:\Projects\2013\130282 Bliss Phil\cadd\Civil\Dgn\Sht\DT_01-TC26.dgn

FILE NAME = c:\pw_work\pwidot\gaglianobt\d0108315\tc26.dgn	USER NAME = gaglianobt	DESIGNED -	REVISED - C. JUCIUS 02-15-07
		DRAWN -	REVISED -
	PLOT SCALE = 50.000 ′ / in.	CHECKED -	REVISED -
	PLOT DATE = 12/13/2012	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	130
	TC-26	CONTRACT NO.		
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY: NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY: NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_CHNL.dgn

WBK engineering — WBK ENGINEERING, LLC, 116 WEST MAIN STREET, SUITE 201, ST. CHARLES, ILLINOIS 60174, (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -
		DRAWN - NDP	REVISED -
	PLOT SCALE = 1:5	CHECKED -	REVISED -
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLACKBERRY CREEK

SCALE: H:5 V:2 | SHEET NO. 1 OF 4 SHEETS | STA. 100+79.89 TO STA. 101+10.33

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	131

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY	NOTE BOOK NO.	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NOTE BOOK NO.	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

FILE NAME = W:\Projects\2013\130282 Bliss Phil\cadd\Civil\Dgn\Sht\XSSHT_CHNL.dgn

WBK engineering WBK ENGINEERING, LLC 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755	USER NAME = nparris PLOT SCALE = 1:5 PLOT DATE = 6/7/2016	DESIGNED - SBP DRAWN - NDP CHECKED - DATE - 6/10/16	REVISED - REVISED - REVISED - REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLACKBERRY CREEK

SCALE: H:5 V:2 | SHEET NO. 2 OF 4 SHEETS | STA. 101+19.92 TO STA. 101+49.92

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	132

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

FILE NAME = W:\Projects\2013\130282 Bliss Phil\Cadd\Civil\Dgn\Sht\XSSHT_CHNL.dgn

WBK engineering

WBK ENGINEERING, LLC
116 WEST MAIN STREET, SUITE 201
ST. CHARLES, ILLINOIS 60174
(630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -
	DRAWN - NDP	REVISED -
PLOT SCALE = 1:5	CHECKED -	REVISED -
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLACKBERRY CREEK

SCALE: H:5 V:2 | SHEET NO. 3 OF 4 SHEETS | STA. 101+79.92 TO STA. 101+96.47

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	133

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY
NOTE BOOK NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

ORIGINAL SURVEY
NOTE BOOK NO.
SURVEYED
PLOTTED
TEMPLATE
AREAS
AREAS CHECKED
BY
DATE

FILE NAME = W:\Projects\2013\130282 Bliss Phl\Cadd\Civil\Dgn\Sht\XSSHT_CHNL.dgn

WBK ENGINEERING, LLC 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -
		DRAWN - NDP	REVISED -
	PLOT SCALE = 1:5	CHECKED -	REVISED -
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLACKBERRY CREEK

SCALE: H:5 V:2	SHEET NO. 4 OF 4 SHEETS	STA. 102+00.00 TO STA. 102+24.96

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	134
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

FILE NAME = W:\Projects\2013\130282 Bliss Phll\cadd\Civil\Dgn\Sht\XSSHT_DRIVEWAY-STG1A.dgn

WBK engineering	WBK ENGINEERING, LLC 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS STAGE 1A – TEMPORARY DRIVEWAY
			DRAWN - NDP	REVISED -		
		PLOT SCALE = 1:5	CHECKED - DPB	REVISED -		
		PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -		SCALE: H:5 V:2 SHEET NO. 1 OF 4 SHEETS STA. 111+00.00 TO STA. 112+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	135
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FILE NAME = W:\Projects\2013\130282 Bliss PhII\Cadd\Civil\Dgn\Sht\XSSHT_DRIVEWAY-STG1A.dgn

WBK engineering	USER NAME = nparris	DESIGNED - SBP	REVISED -	STATE OF ILLINOIS	CROSS SECTIONS	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
WBK ENGINEERING, LLC 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755		DRAWN - NDP	REVISED -	DEPARTMENT OF TRANSPORTATION	STAGE 1A – TEMPORARY DRIVEWAY	520	08-00058-02-BR	KANE	216	136
	PLOT SCALE = 1:5	CHECKED - DPB	REVISED -			CONTRACT NO.				
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -		SCALE: H:5 V:2 · SHEET NO. 2 OF 4 SHEETS · STA. 112+50.00 TO STA. 113+25.00	ILLINOIS FED. AID PROJECT				

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\cadd\Civil\Dgn\Sht\XSSHT_DRIVEWAY-STG1A.dgn

WBK engineering — WBK ENGINEERING, LLC, 116 WEST MAIN STREET, SUITE 201, ST. CHARLES, ILLINOIS 60174, (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -
		DRAWN - NDP	REVISED -
	PLOT SCALE = 1:5	CHECKED - DPB	REVISED -
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
STAGE 1A - TEMPORARY DRIVEWAY

SCALE: H:5 V:2 | SHEET NO. 3 OF 4 SHEETS | STA. 113+50.00 TO STA. 114+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	137

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_DRIVEWAY-STG1A.dgn

WBK engineering

WBK ENGINEERING, LLC
116 WEST MAIN STREET, SUITE 201
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(630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -	
	DRAWN - NDP	REVISED -	
PLOT SCALE = 1:5	CHECKED - DPB	REVISED -	
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
STAGE 1A – TEMPORARY DRIVEWAY

SCALE: H:5 V:2 | SHEET NO. 4 OF 4 SHEETS | STA. 114+75.00 TO STA. 115+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	138
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

WBK engineering

WBK ENGINEERING, LLC
116 WEST MAIN STREET, SUITE 201
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(630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -
	DRAWN - NDP	REVISED -
PLOT SCALE = 1:5	CHECKED -	REVISED -
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD – STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 1 OF 26 SHEETS | STA. 10+00.00 TO STA. 10+35.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	139

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY	NOTE BOOK NO.	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NOTE BOOK NO.	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

WBK engineering WBK ENGINEERING, LLC 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - NDP	REVISED -	
	PLOT SCALE = 1:5	CHECKED -	REVISED -	
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

CROSS SECTIONS
BLISS ROAD - STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 2 OF 26 SHEETS | STA. 10+50.00 TO STA. 11+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	140

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY: NOTE BOOK NO. / SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED / BY / DATE

ORIGINAL SURVEY: NOTE BOOK NO. / SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED / BY / DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

WBK engineering

WBK ENGINEERING, LLC
116 WEST MAIN STREET, SUITE 201
ST. CHARLES, ILLINOIS 60174
(630) 443-7755

USER NAME = nparris	DESIGNED -	SBP	REVISED -	STATE OF ILLINOIS	CROSS SECTIONS
	DRAWN -	NDP	REVISED -	DEPARTMENT OF TRANSPORTATION	BLISS ROAD - STAGE 1A
PLOT SCALE = 1:5	CHECKED -		REVISED -		SCALE: H:5 V:2 · SHEET NO. 3 OF 26 SHEETS · STA. 11+50.00 TO STA. 11+75.29
PLOT DATE = 6/7/2016	DATE -	6/10/16	REVISED -		

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	141

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

FILE NAME = W:\Projects\2013\138282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

WBK engineering
WBK ENGINEERING, LLC
116 WEST MAIN STREET, SUITE 201
ST. CHARLES, ILLINOIS 60174
(630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -	
	DRAWN - NDP	REVISED -	
PLOT SCALE = 1:5	CHECKED -	REVISED -	
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 4 OF 26 SHEETS | STA. 12+00.00 TO STA. 12+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	142

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | NOTE BOOK NO. | BY | DATE

ORIGINAL SURVEY | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | NOTE BOOK NO. | BY | DATE

FILE NAME = W:\Projects\2013\130282 Bliss Phl\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

WBK engineering
WBK ENGINEERING, LLC
116 WEST MAIN STREET, SUITE 201
ST. CHARLES, ILLINOIS 60174
(630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -	
	DRAWN - NDP	REVISED -	
PLOT SCALE = 1:5	CHECKED -	REVISED -	
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD – STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 5 OF 26 SHEETS | STA. 13+00.00 TO STA. 13+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	143

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

WBK engineering

WBK ENGINEERING, LLC
116 WEST MAIN STREET, SUITE 201
ST. CHARLES, ILLINOIS 60174
(630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -	
	DRAWN - NDP	REVISED -	
PLOT SCALE = 1:5	CHECKED -	REVISED -	
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 6 OF 26 SHEETS | STA. 13+36.78 TO STA. 13+36.78

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	144

CONTRACT NO.

ILLINOIS FED. AID PROJECT

WBK engineering — WBK ENGINEERING, LLC, 116 WEST MAIN STREET, SUITE 201, ST. CHARLES, ILLINOIS 60174, (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -
		DRAWN - NDP	REVISED -
	PLOT SCALE = 1:5	CHECKED -	REVISED -
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 7 OF 26 SHEETS | STA. 13+50.00 TO STA. 14+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	145
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FILE NAME = W:\Projects\2013\130282 Bliss Ph|1\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

FINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

WBK engineering	WBK ENGINEERING, LLC 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -
	DRAWN - NDP	REVISED -
PLOT SCALE = 1:5	CHECKED -	REVISED -
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 8 OF 26 SHEETS | STA. 14+50.00 TO STA. 14+86.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	146

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY — NOTE BOOK NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

WBK engineering	WBK ENGINEERING, LLC 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -
			DRAWN - NDP	REVISED -
		PLOT SCALE = 1:5	CHECKED -	REVISED -
		PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD – STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 9 OF 26 SHEETS | STA. 15+25.00 TO STA. 15+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	147

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

FINAL SURVEY: NOTE BOOK NO. / SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED / BY / DATE

ORIGINAL SURVEY: NOTE BOOK NO. / SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED / BY / DATE

WBK engineering

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(630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -
	DRAWN - NDP	REVISED -
PLOT SCALE = 1:5	CHECKED -	REVISED -
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 10 OF 26 SHEETS | STA. 15+70.00 TO STA. 15+70.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	148

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

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PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD – STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 11 OF 26 SHEETS | STA. 16+24.34 TO STA. 16+24.34

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	149
		CONTRACT NO.		
	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE
NOTE BOOK NO.							

ORIGINAL SURVEY	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE
NOTE BOOK NO.							

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

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WBK ENGINEERING, LLC 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
		DRAWN - NDP	REVISED -	
	PLOT SCALE = 1:5	CHECKED -	REVISED -	
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

CROSS SECTIONS BLISS ROAD – STAGE 1A		
SCALE: H:5 V:2	SHEET NO. 12 OF 26 SHEETS	STA. 16+80.00 TO STA. 16+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	150
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY — NOTE BOOK NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

ORIGINAL SURVEY — NOTE BOOK NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

WBK engineering — WBK ENGINEERING, LLC, 116 WEST MAIN STREET, SUITE 201, ST. CHARLES, ILLINOIS 60174, (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -
		DRAWN - NDP	REVISED -
	PLOT SCALE = 1:5	CHECKED -	REVISED -
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD – STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 13 OF 26 SHEETS | STA. 17+00.00 TO STA. 17+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	151
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

ORIGINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

FINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

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	DRAWN - NDP	REVISED -	
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PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 14 OF 26 SHEETS | STA. 17+50.00 TO STA. 18+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	152

CONTRACT NO.

ILLINOIS FED. AID PROJECT

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PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 15 OF 26 SHEETS | STA. 18+50.00 TO STA. 19+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	153

CONTRACT NO.

ILLINOIS FED. AID PROJECT

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	DRAWN - NDP	REVISED -	
PLOT SCALE = 1:5	CHECKED -	REVISED -	
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 16 OF 26 SHEETS | STA. 19+50.00 TO STA. 20+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	154

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

WBK ENGINEERING, LLC 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -
		DRAWN - NDP	REVISED -
	PLOT SCALE = 1:5	CHECKED -	REVISED -
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 17 OF 26 SHEETS | STA. 20+50.00 TO STA. 20+70.15

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	155
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY: NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY: NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

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PLOT SCALE = 1:5	CHECKED -	REVISED -	
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 18 OF 26 SHEETS | STA. 21+00.00 TO STA. 21+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	156
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY / ORIGINAL SURVEY: NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

FILE NAME = W:\Projects\2013\13028 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

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	DRAWN - NDP	REVISED -
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PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
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CROSS SECTIONS
BLISS ROAD - STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 19 OF 26 SHEETS | STA. 22+00.00 TO STA. 22+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	157

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY			ORIGINAL SURVEY		
NOTE BOOK	BY	DATE	NOTE BOOK	BY	DATE
SURVEYED			SURVEYED		
PLOTTED			PLOTTED		
TEMPLATE			TEMPLATE		
AREAS			AREAS		
AREAS CHECKED			AREAS CHECKED		
NO.			NO.		

FILE NAME = W:\Projects\2013\138282 Bliss Ph II\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

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	DRAWN - NDP	REVISED -
PLOT SCALE = 1:5	CHECKED -	REVISED -
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 20 OF 26 SHEETS | STA. 23+00.00 TO STA. 23+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	158
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FILE NAME = W:\Projects\2013\13828 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

WBK ENGINEERING, LLC 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -
		DRAWN - NDP	REVISED -
	PLOT SCALE = 1:5	CHECKED -	REVISED -
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 21 OF 26 SHEETS | STA. 24+00.00 TO STA. 24+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	159

CONTRACT NO.

ILLINOIS FED. AID PROJECT

ORIGINAL SURVEY	FINAL SURVEY	BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FILE NAME = W:\Projects\2013\13028 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

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	DRAWN - NDP	REVISED -
PLOT SCALE = 1:5	CHECKED -	REVISED -
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 22 OF 26 SHEETS | STA. 25+08.00 TO STA. 25+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	160

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | NOTE BOOK NO. | BY | DATE

ORIGINAL SURVEY | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | NOTE BOOK NO. | BY | DATE

FILE NAME = W:\Projects\2013\138282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

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	DRAWN - NDP	REVISED -	
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PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 23 OF 26 SHEETS | STA. 26+00.00 TO STA. 26+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	161
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	NOTE BOOK NO.	SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NOTE BOOK NO.	SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED	BY	DATE

FILE NAME = W:\Projects\2013\13282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

WBK engineering — WBK ENGINEERING, LLC, 116 WEST MAIN STREET, SUITE 201, ST. CHARLES, ILLINOIS 60174, (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS BLISS ROAD - STAGE 1A
		DRAWN - NDP	REVISED -		
	PLOT SCALE = 1:5	CHECKED -	REVISED -		
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -		SCALE: H:5 V:2 · SHEET NO. 24 OF 26 SHEETS · STA. 27+00.00 TO STA. 27+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	162
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FILE NAME = W:\Projects\2013\13028 Bliss Ph1\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

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PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 25 OF 26 SHEETS | STA. 28+00.00 TO STA. 28+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	163

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY NOTE BOOK NO. — SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED — BY — DATE

ORIGINAL SURVEY NOTE BOOK NO. — SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED — BY — DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1A.dgn

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	DRAWN - NDP	REVISED -	
PLOT SCALE = 1:5	CHECKED -	REVISED -	
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1A

SCALE: H:5 V:2 | SHEET NO. 26 OF 26 SHEETS | STA. 29+00.00 TO STA. 29+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	164

CONTRACT NO.

ILLINOIS | FED. AID PROJECT

FINAL SURVEY	NOTE BOOK NO.	SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED	BY / DATE
ORIGINAL SURVEY	NOTE BOOK NO.	SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED	BY / DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

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	DRAWN - NDP	REVISED -
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD – STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 1 OF 26 SHEETS | STA. 10+00.00 TO STA. 10+35.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	165

CONTRACT NO.

ILLINOIS | FED. AID PROJECT

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

WBK engineering — WBK ENGINEERING, LLC, 116 WEST MAIN STREET, SUITE 201, ST. CHARLES, ILLINOIS 60174, (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -
		DRAWN - NDP	REVISED -
	PLOT SCALE = 1:5	CHECKED -	REVISED -
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD – STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 2 OF 26 SHEETS | STA. 10+50.00 TO STA. 11+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	166
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY: NOTE BOOK NO. / SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED / BY / DATE

ORIGINAL SURVEY: NOTE BOOK NO. / SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED / BY / DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

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ST. CHARLES, ILLINOIS 60174
(630) 443-7755

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	DRAWN - NDP	REVISED -	
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PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 3 OF 26 SHEETS | STA. 11+50.00 TO STA. 11+75.29

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	167
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

WBK engineering — WBK ENGINEERING, LLC, 116 WEST MAIN STREET, SUITE 201, ST. CHARLES, ILLINOIS 60174, (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -
		DRAWN - NDP	REVISED -
	PLOT SCALE = 1:5	CHECKED -	REVISED -
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 4 OF 26 SHEETS | STA. 12+00.00 TO STA. 12+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	168
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY: SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED — NOTE BOOK NO. — BY — DATE

ORIGINAL SURVEY: SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED — NOTE BOOK NO. — BY — DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph II\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

WBK engineering	WBK ENGINEERING, LLC 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -
			DRAWN - NDP	REVISED -
		PLOT SCALE = 1:5	CHECKED -	REVISED -
		PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 5 OF 26 SHEETS | STA. 13+00.00 TO STA. 13+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	169

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

WBK engineering — WBK ENGINEERING, LLC, 116 WEST MAIN STREET, SUITE 201, ST. CHARLES, ILLINOIS 60174, (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -
		DRAWN - NDP	REVISED -
	PLOT SCALE = 1:5	CHECKED -	REVISED -
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD – STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 6 OF 26 SHEETS | STA. 13+36.78 TO STA. 13+36.78

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	170
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY: SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, NOTE BOOK NO., BY, DATE

ORIGINAL SURVEY: SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, NOTE BOOK NO., BY, DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph I\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

WBK engineering — WBK ENGINEERING, LLC, 116 WEST MAIN STREET, SUITE 201, ST. CHARLES, ILLINOIS 60174, (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -
		DRAWN - NDP	REVISED -
	PLOT SCALE = 1:5	CHECKED -	REVISED -
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 7 OF 26 SHEETS | STA. 13+50.00 TO STA. 14+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	171
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

FINAL SURVEY	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	NOTE BOOK NO.	BY	DATE

ORIGINAL SURVEY	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	NOTE BOOK NO.	BY	DATE

WBK engineering
WBK ENGINEERING, LLC
116 WEST MAIN STREET, SUITE 201
ST. CHARLES, ILLINOIS 60174
(630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -	
	DRAWN - NDP	REVISED -	
PLOT SCALE = 1:5	CHECKED -	REVISED -	
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 8 OF 26 SHEETS | STA. 14+50.00 TO STA. 14+86.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	172
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

USER NAME = nparris	DESIGNED - SBP	REVISED -
	DRAWN - NDP	REVISED -
PLOT SCALE = 1:5	CHECKED -	REVISED -
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

WBK engineering
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(630) 443-7755

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 9 OF 26 SHEETS | STA. 15+25.00 TO STA. 15+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	173

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK TEMPLATE		
AREAS		
NO. AREAS CHECKED		

ORIGINAL SURVEY	BY	DATE
SURVEYED		
PLOTTED		
NOTE BOOK TEMPLATE		
AREAS		
NO. AREAS CHECKED		

FILE NAME = W:\Projects\2013\130282 Bliss PhI\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

WBK engineering

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	DRAWN - NDP	REVISED -
PLOT SCALE = 1:5	CHECKED -	REVISED -
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 10 OF 26 SHEETS | STA. 15+70.00 TO STA. 15+70.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	174

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK | NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

WBK engineering — WBK ENGINEERING, LLC, 116 WEST MAIN STREET, SUITE 201, ST. CHARLES, ILLINOIS 60174, (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS BLISS ROAD - STAGE 1B
		DRAWN - NDP	REVISED -		
	PLOT SCALE = 1:5	CHECKED -	REVISED -		
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -		SCALE: H:5 V:2 — SHEET NO. 11 OF 26 SHEETS — STA. 16+24.34 TO STA. 16+24.34

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	175
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED		
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

FILE NAME = W:\Projects\2013\130282 Bliss Phl\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

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(630) 443-7755

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	DRAWN - NDP	REVISED -
PLOT SCALE = 1:5	CHECKED -	REVISED -
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 12 OF 26 SHEETS | STA. 16+80.00 TO STA. 16+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	176

CONTRACT NO.

ILLINOIS FED. AID PROJECT

STAGE 1B
TSS 19.58 SQ FT
CUT 20.30 SQ FT
FILL 124.12 SQ FT
SHDR 56.98 SQ FT

STA. 17+00.00

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		DRAWN - NDP	REVISED -
	PLOT SCALE = 1:5	CHECKED -	REVISED -
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 13 OF 26 SHEETS | STA. 17+00.00 TO STA. 17+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	177

CONTRACT NO.
ILLINOIS FED. AID PROJECT

FILE NAME = W:\Projects\2013\130282 Bliss Ph II\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

FILE NAME = W:\Projects\2013\130282 Bliss Phl\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

FINAL SURVEY / ORIGINAL SURVEY — NOTE BOOK NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

WBK engineering

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ST. CHARLES, ILLINOIS 60174
(630) 443-7755

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PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 14 OF 26 SHEETS | STA. 17+50.00 TO STA. 18+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	178

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY	NOTE BOOK NO.	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

ORIGINAL SURVEY	NOTE BOOK NO.	SURVEYED	PLOTTED	TEMPLATE	AREAS	AREAS CHECKED	BY	DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

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PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 15 OF 26 SHEETS | STA. 18+50.00 TO STA. 19+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	179
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

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PLOT SCALE = 1:5	CHECKED -	REVISED -	
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD – STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 16 OF 26 SHEETS | STA. 19+50.00 TO STA. 20+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	180
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

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PLOT SCALE = 1:5	CHECKED -	REVISED -	
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 17 OF 26 SHEETS | STA. 20+50.00 TO STA. 20+70.15

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	181

CONTRACT NO.

ILLINOIS FED. AID PROJECT

70 65 60 55 50 45 40 35 30 25 20 15 10 5 0 5 10 15 20 25 30 35 40 45 50 55 60 65 70

FINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

FILE NAME = W:\Projects\2013\130282 Bliss Phl\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

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PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 18 OF 26 SHEETS | STA. 21+00.00 TO STA. 21+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	182
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

USER NAME = nparris	DESIGNED - SBP	REVISED -	
	DRAWN - NDP	REVISED -	
PLOT SCALE = 1:5	CHECKED -	REVISED -	
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 19 OF 26 SHEETS | STA. 22+00.00 TO STA. 22+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	183
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

FINAL SURVEY	SURVEYED	PLOTTED	TEMPLATE
NOTE BOOK	AREAS	AREAS CHECKED	
NO.	BY	DATE	

ORIGINAL SURVEY	SURVEYED	PLOTTED	TEMPLATE
NOTE BOOK	AREAS	AREAS CHECKED	
NO.	BY	DATE	

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

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PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 20 OF 26 SHEETS | STA. 23+00.00 TO STA. 23+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	184

CONTRACT NO.

ILLINOIS | FED. AID PROJECT

FINAL SURVEY		
SURVEYED	BY	DATE
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

ORIGINAL SURVEY		
SURVEYED	BY	DATE
PLOTTED		
TEMPLATE		
AREAS		
AREAS CHECKED		
NOTE BOOK NO.		

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 21 OF 26 SHEETS | STA. 24+00.00 TO STA. 24+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	185
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

FILE NAME = W:\Projects\2013\130282 Bliss Phl\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

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	DRAWN - NDP	REVISED -	
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PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 22 OF 26 SHEETS | STA. 25+08.00 TO STA. 25+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	186

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

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PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 23 OF 26 SHEETS | STA. 26+00.00 TO STA. 26+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	187

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

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PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 24 OF 26 SHEETS | STA. 27+00.00 TO STA. 27+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	188

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

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	DRAWN - NDP	REVISED -	
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PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 25 OF 26 SHEETS | STA. 28+00.00 TO STA. 28+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	189

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG1B.dgn

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USER NAME = nparris	DESIGNED - SBP	REVISED -	
	DRAWN - NDP	REVISED -	
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PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
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CROSS SECTIONS
BLISS ROAD - STAGE 1B

SCALE: H:5 V:2 | SHEET NO. 26 OF 26 SHEETS | STA. 29+00.00 TO STA. 29+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	190
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

STAGE 3 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED AFTER REMOVAL OF STAGE 2 TRAFFIC CONTROL AND DETOUR. THE WORK SHALL BE PERFORMED UNDER IDOT STD. 701306.

FINAL SURVEY / ORIGINAL SURVEY — NOTE BOOK, NO., SURVEYED, PLOTTED, TEMPLATE, AREAS, AREAS CHECKED, BY, DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

WBK engineering

WBK ENGINEERING, LLC
116 WEST MAIN STREET, SUITE 201
ST. CHARLES, ILLINOIS 60174
(630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - NDP	REVISED -	
PLOT SCALE = 1:5	CHECKED -	REVISED -	
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

CROSS SECTIONS
BLISS ROAD - STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 1 OF 26 SHEETS | STA. 10+00.00 TO STA. 10+35.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	191
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

STAGE 3 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED AFTER REMOVAL OF STAGE 2 TRAFFIC CONTROL AND DETOUR. THE WORK SHALL BE PERFORMED UNDER IDOT STD. 701306.

FILE NAME = W:\Projects\2013\130282 Bliss Phll\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

WBK engineering
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USER NAME = nparris	DESIGNED - SBP	REVISED -	
	DRAWN - NDP	REVISED -	
PLOT SCALE = 1:5	CHECKED -	REVISED -	
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 2 OF 26 SHEETS | STA. 10+50.00 TO STA. 11+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	192

CONTRACT NO.

ILLINOIS FED. AID PROJECT

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

STAGE 3 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED AFTER REMOVAL OF STAGE 2 TRAFFIC CONTROL AND DETOUR. THE WORK SHALL BE PERFORMED UNDER IDOT STD. 701306.

FILE NAME = W:\Projects\2013\130282 Bliss Phll\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

WBK ENGINEERING, LLC 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -
		DRAWN - NDP	REVISED -
	PLOT SCALE = 1:5	CHECKED -	REVISED -
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 3 OF 26 SHEETS | STA. 11+50.00 TO STA. 11+75.29

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	193
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

STAGE 3 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED AFTER REMOVAL OF STAGE 2 TRAFFIC CONTROL AND DETOUR. THE WORK SHALL BE PERFORMED UNDER IDOT STD. 701306.

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

ORIGINAL SURVEY	NOTE BOOK	NO.	
	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		
FINAL SURVEY	NOTE BOOK	NO.	
	SURVEYED	BY	DATE
	PLOTTED		
	TEMPLATE		
	AREAS		
	AREAS CHECKED		

WBK engineering

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(630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -
	DRAWN - NDP	REVISED -
PLOT SCALE = 1:5	CHECKED -	REVISED -
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 4 OF 26 SHEETS | STA. 12+00.00 TO STA. 12+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	194
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

STAGE 3 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED AFTER REMOVAL OF STAGE 2 TRAFFIC CONTROL AND DETOUR. THE WORK SHALL BE PERFORMED UNDER IDOT STD. 701306.

STAGE 2

TSS 19.80 SQ FT
CUT 32.55 SQ FT
FILL 32.84 SQ FT
SHDR 34.42 SQ FT

STA. 13 + 00.00

USER NAME = nparris	DESIGNED - SBP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - NDP	REVISED -	
PLOT SCALE = 1:5	CHECKED -	REVISED -	
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

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CROSS SECTIONS
BLISS ROAD – STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 5 OF 26 SHEETS | STA. 13+00.00 TO STA. 13+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	195
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FILE NAME = W:\Projects\2013\130282 Bliss Ph II\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

FINAL SURVEY: NOTE BOOK NO. / SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED / BY / DATE

ORIGINAL SURVEY: NOTE BOOK NO. / SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED / BY / DATE

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

STAGE 3 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED AFTER REMOVAL OF STAGE 2 TRAFFIC CONTROL AND DETOUR. THE WORK SHALL BE PERFORMED UNDER IDOT STD. 701306.

STAGE 2

TSS	4.39 SQ FT
CUT	0.00 SQ FT
FILL	157.85 SQ FT
SHDR	64.94 SQ FT

STA. 13 + 36.78

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

WBK engineering

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USER NAME = nparris	DESIGNED - SBP	REVISED -
	DRAWN - NDP	REVISED -
PLOT SCALE = 1:5	CHECKED -	REVISED -
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 6 OF 26 SHEETS | STA. 13+36.78 TO STA. 13+36.78

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	196

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY: NOTE BOOK NO. / SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED / BY / DATE

ORIGINAL SURVEY: NOTE BOOK NO. / SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED / BY / DATE

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

STAGE 3 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED AFTER REMOVAL OF STAGE 2 TRAFFIC CONTROL AND DETOUR. THE WORK SHALL BE PERFORMED UNDER IDOT STD. 701306.

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

WBK ENGINEERING, LLC 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	CROSS SECTIONS BLISS ROAD - STAGES 2 & 3	F.A.P. RTE. 520	SECTION 08-00058-02-BR	COUNTY KANE	TOTAL SHEETS 216	SHEET NO. 197
		DRAWN - NDP	REVISED -					CONTRACT NO.		
	PLOT SCALE = 1:5	CHECKED -	REVISED -		SCALE: H:5 V:2 SHEET NO. 7 OF 26 SHEETS STA. 13+50.00 TO STA. 14+00.00			ILLINOIS FED. AID PROJECT		
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -							

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

STAGE 3 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED AFTER REMOVAL OF STAGE 2 TRAFFIC CONTROL AND DETOUR. THE WORK SHALL BE PERFORMED UNDER IDOT STD. 701306.

STAGE 2

TSS 12.77 SQ FT
CUT 0.00 SQ FT
FILL 84.24 SQ FT
SHDR 23.30 SQ FT

STA. 14 + 86.00

STAGE 2

TSS 20.68 SQ FT
CUT 25.11 SQ FT
FILL 90.80 SQ FT
SHDR 48.49 SQ FT

STA. 14 + 50.00

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

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		DRAWN - NDP	REVISED -
	PLOT SCALE = 1:5	CHECKED -	REVISED -
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD – STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 8 OF 26 SHEETS | STA. 14+50.00 TO STA. 14+86.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	198

CONTRACT NO.

ILLINOIS FED. AID PROJECT

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

STAGE 3 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED AFTER REMOVAL OF STAGE 2 TRAFFIC CONTROL AND DETOUR. THE WORK SHALL BE PERFORMED UNDER IDOT STD. 701306.

STAGE 2

TSS	20.79 SQ FT
CUT	0.00 SQ FT
FILL	114.47 SQ FT
SHDR	88.86 SQ FT

STA. 15 + 25.00

FILE NAME = W:\Projects\2013\130282 Bliss Phll\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

ORIGINAL SURVEY — NOTE BOOK NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

FINAL SURVEY — NOTE BOOK NO. — SURVEYED — PLOTTED — TEMPLATE — AREAS — AREAS CHECKED — BY — DATE

WBK engineering

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USER NAME = nparris	DESIGNED - SBP	REVISED -	
	DRAWN - NDP	REVISED -	
PLOT SCALE = 1:5	CHECKED -	REVISED -	
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 9 OF 26 SHEETS | STA. 15+25.00 TO STA. 15+25.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	199

CONTRACT NO.

ILLINOIS FED. AID PROJECT

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

STAGE 3 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED AFTER REMOVAL OF STAGE 2 TRAFFIC CONTROL AND DETOUR. THE WORK SHALL BE PERFORMED UNDER IDOT STD. 701306.

STAGE 2

TSS 14.18 SQ FT
CUT 0.00 SQ FT
FILL 78.25 SQ FT
SHDR 90.63 SQ FT

STA. 15 + 70.00

FINAL SURVEY	NOTE BOOK NO.	SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED	BY / DATE
ORIGINAL SURVEY	NOTE BOOK NO.	SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED	BY / DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph II\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

WBK engineering

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USER NAME = nparris	DESIGNED - SBP	REVISED -
	DRAWN - NDP	REVISED -
PLOT SCALE = 1:5	CHECKED -	REVISED -
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 10 OF 26 SHEETS | STA. 15+70.00 TO STA. 15+70.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	200

CONTRACT NO.

ILLINOIS FED. AID PROJECT

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

STAGE 3 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED AFTER REMOVAL OF STAGE 2 TRAFFIC CONTROL AND DETOUR. THE WORK SHALL BE PERFORMED UNDER IDOT STD. 701306.

FINAL SURVEY	NOTE BOOK NO.	SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED	BY / DATE
ORIGINAL SURVEY	NOTE BOOK NO.	SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED	BY / DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

WBK engineering	WBK ENGINEERING, LLC 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
			DRAWN - NDP	REVISED -	
		PLOT SCALE = 1:5	CHECKED -	REVISED -	
		PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

CROSS SECTIONS
BLISS ROAD - STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 11 OF 26 SHEETS | STA. 16+24.34 TO STA. 16+24.34

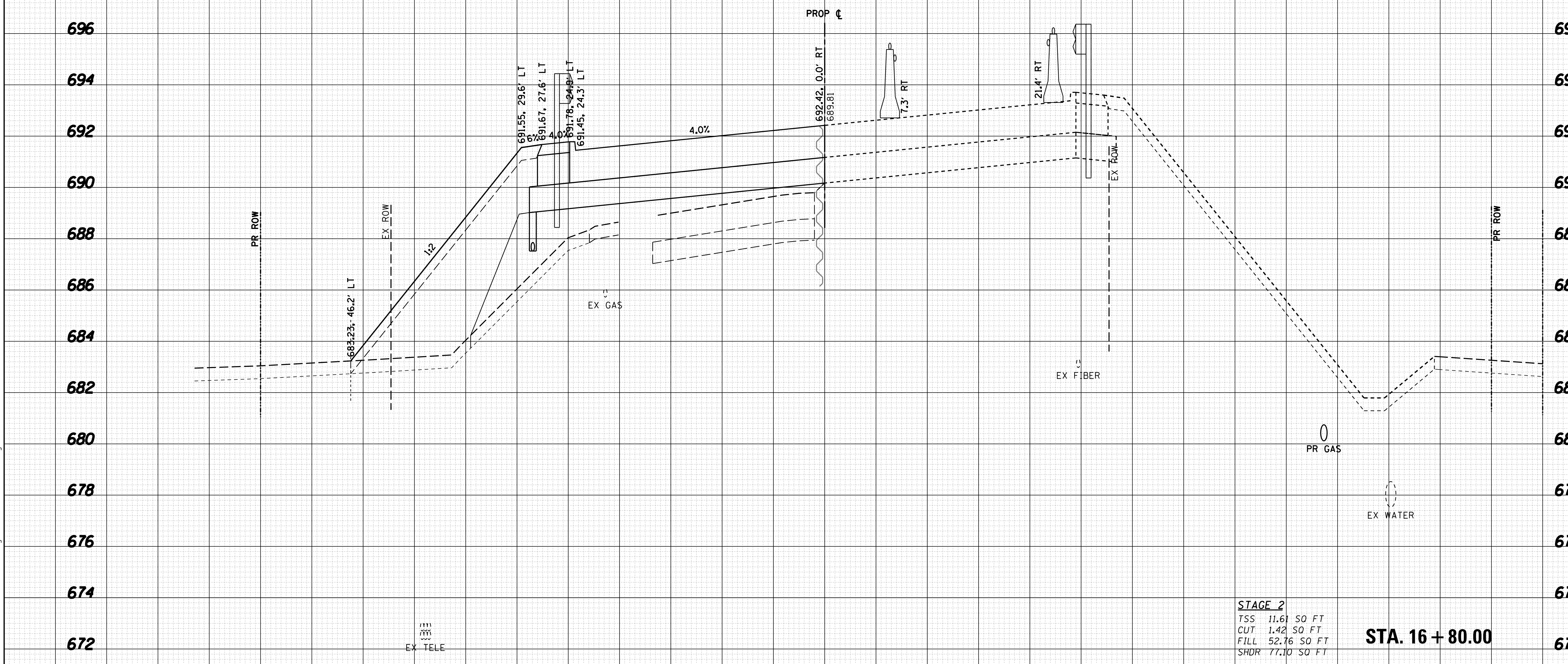
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	201
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

STAGE 3 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED AFTER REMOVAL OF STAGE 2 TRAFFIC CONTROL AND DETOUR. THE WORK SHALL BE PERFORMED UNDER IDOT STD. 701306.



STAGE 2

TSS 11.61 SQ FT
CUT 1.42 SQ FT
FILL 52.76 SQ FT
SHDR 77.10 SQ FT

STA. 16 + 80.00

USER NAME = nparris	DESIGNED - SBP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
	DRAWN - NDP	REVISED -	
PLOT SCALE = 1:5	CHECKED -	REVISED -	
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

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CROSS SECTIONS
BLISS ROAD - STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 12 OF 26 SHEETS | STA. 16+80.00 TO STA. 16+80.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	202
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FILE NAME = W:\Projects\2013\130282 Bliss Phl\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

STAGE 3 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED AFTER REMOVAL OF STAGE 2 TRAFFIC CONTROL AND DETOUR. THE WORK SHALL BE PERFORMED UNDER IDOT STD. 701306.

STAGE 2

TSS 11.66 SQ FT
CUT 1.13 SQ FT
FILL 80.11 SQ FT
SHDR 43.00 SQ FT

STA. 17 + 00.00

FILE NAME = W:\Projects\2013\130282 Bliss Ph II\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

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			DRAWN - NDP	REVISED -		
		PLOT SCALE = 1:5	CHECKED -	REVISED -		
		PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -		SCALE: H:5 V:2 SHEET NO. 13 OF 26 SHEETS STA. 17+00.00 TO STA. 17+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	203
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

FINAL SURVEY	
NOTE BOOK	SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED
NO.	BY / DATE

ORIGINAL SURVEY	
NOTE BOOK	SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED
NO.	BY / DATE

FINAL SURVEY	NOTE BOOK NO.	SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED	BY / DATE
ORIGINAL SURVEY	NOTE BOOK NO.	SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED	BY / DATE

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

WBK engineering

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ST. CHARLES, ILLINOIS 60174
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USER NAME = nparris	DESIGNED - SBP	REVISED -	
	DRAWN - NDP	REVISED -	
PLOT SCALE = 1:5	CHECKED -	REVISED -	
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD – STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 14 OF 26 SHEETS | STA. 17+50.00 TO STA. 18+00.00

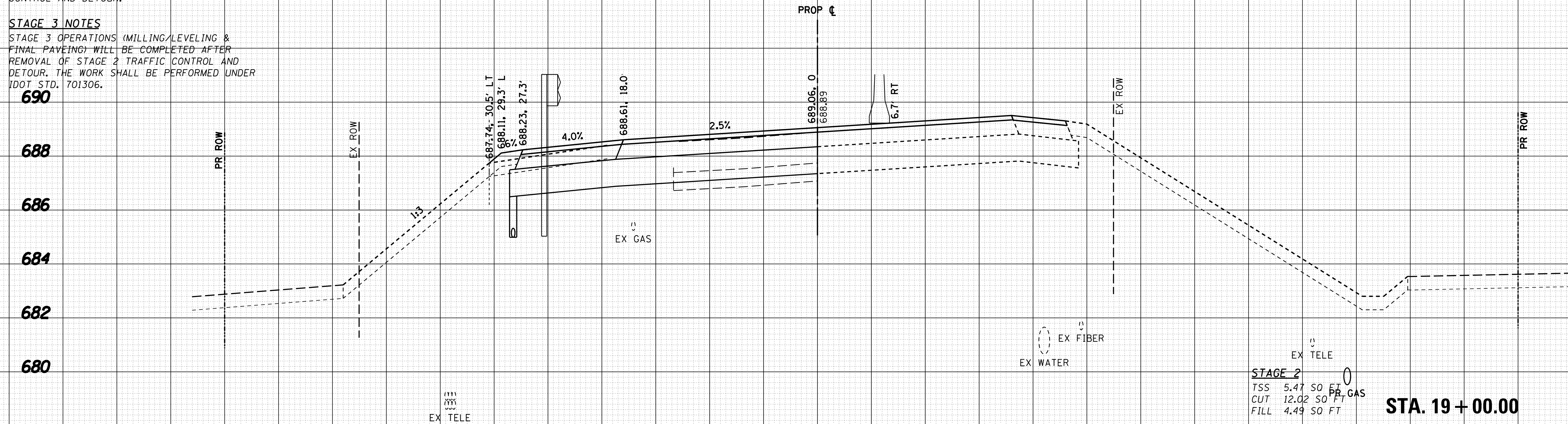
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	204
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

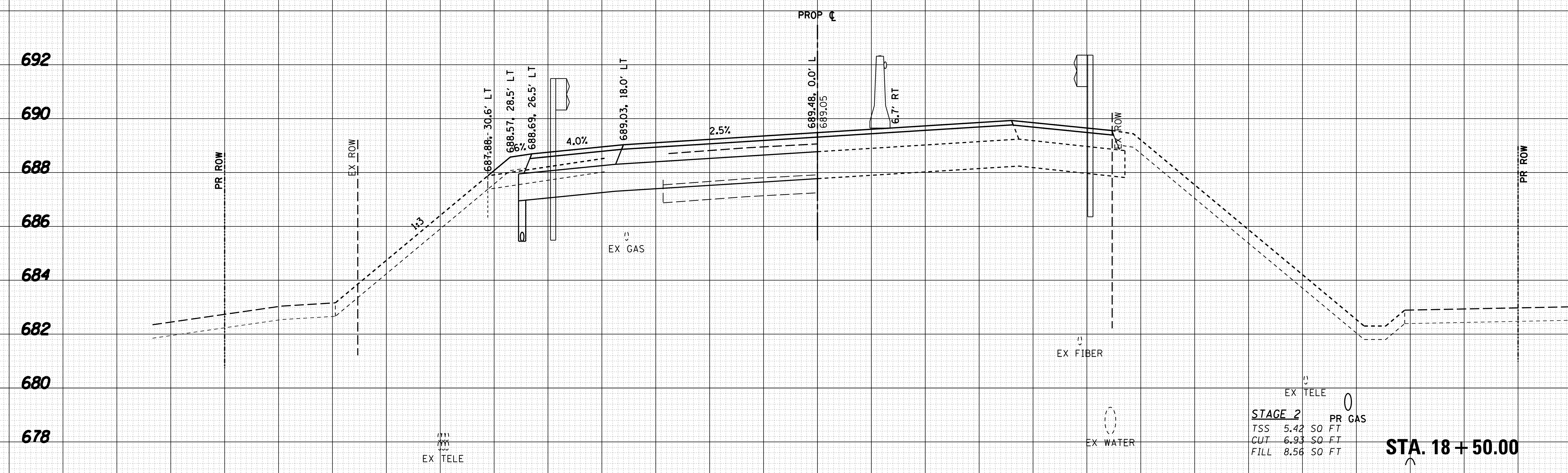
STAGE 3 NOTES

STAGE 3 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED AFTER REMOVAL OF STAGE 2 TRAFFIC CONTROL AND DETOUR. THE WORK SHALL BE PERFORMED UNDER IDOT STD. 701306.



STAGE 2
TSS 5.47 SQ FT
CUT 12.02 SQ FT
FILL 4.49 SQ FT

STA. 19+00.00



STAGE 2
TSS 5.42 SQ FT
CUT 6.93 SQ FT
FILL 8.56 SQ FT

STA. 18+50.00

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

WBK engineering — WBK ENGINEERING, LLC, 116 WEST MAIN STREET, SUITE 201, ST. CHARLES, ILLINOIS 60174, (630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -
	DRAWN - NDP	REVISED -
PLOT SCALE = 1:5	CHECKED -	REVISED -
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 15 OF 26 SHEETS | STA. 18+50.00 TO STA. 19+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	205

CONTRACT NO.

ILLINOIS FED. AID PROJECT

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

STAGE 3 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED AFTER REMOVAL OF STAGE 2 TRAFFIC CONTROL AND DETOUR. THE WORK SHALL BE PERFORMED UNDER IDOT STD. 701306.

FILE NAME = W:\Projects\2013\130282 Bliss Pl\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

FINAL SURVEY			ORIGINAL SURVEY		
NOTE BOOK NO.	BY	DATE	NOTE BOOK NO.	BY	DATE
SURVEYED			SURVEYED		
PLOTTED			PLOTTED		
TEMPLATE			TEMPLATE		
AREAS			AREAS		
AREAS CHECKED			AREAS CHECKED		

WBK engineering

WBK ENGINEERING, LLC
116 WEST MAIN STREET, SUITE 201
ST. CHARLES, ILLINOIS 60174
(630) 443-7755

USER NAME = nparris	DESIGNED - SBP	REVISED -	
	DRAWN - NDP	REVISED -	
PLOT SCALE = 1:5	CHECKED -	REVISED -	
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 16 OF 26 SHEETS | STA. 19+50.00 TO STA. 20+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	206
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

STAGE 3 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED AFTER REMOVAL OF STAGE 2 TRAFFIC CONTROL AND DETOUR. THE WORK SHALL BE PERFORMED UNDER IDOT STD. 701306.

FILE NAME = W:\Projects\2013\130282 Bliss Ph II\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

WBK engineering	WBK ENGINEERING, LLC 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -
			DRAWN - NDP	REVISED -
		PLOT SCALE = 1:5	CHECKED -	REVISED -
		PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD – STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 17 OF 26 SHEETS | STA. 20+50.00 TO STA. 20+70.15

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	207
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

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	DRAWN - NDP	REVISED -	
PLOT SCALE = 1:5	CHECKED -	REVISED -	
PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 18 OF 26 SHEETS | STA. 21+00.00 TO STA. 21+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	208

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FINAL SURVEY		
NOTE BOOK	SURVEYED	
NO.	PLOTTED	BY
	TEMPLATE	DATE
	AREAS	
	AREAS CHECKED	

ORIGINAL SURVEY		
NOTE BOOK	SURVEYED	
NO.	PLOTTED	BY
	TEMPLATE	DATE
	AREAS	
	AREAS CHECKED	

FILE NAME = W:\Projects\2013\130282 Bliss Phll\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

WBK ENGINEERING, LLC, 116 WEST MAIN STREET, SUITE 201, ST. CHARLES, ILLINOIS 60174, (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -
		DRAWN - NDP	REVISED -
	PLOT SCALE = 1:5	CHECKED -	REVISED -
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 19 OF 26 SHEETS | STA. 22+00.00 TO STA. 22+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	209

CONTRACT NO.
ILLINOIS FED. AID PROJECT

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

STAGE 3 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED AFTER REMOVAL OF STAGE 2 TRAFFIC CONTROL AND DETOUR. THE WORK SHALL BE PERFORMED UNDER IDOT STD. 701306.

FILE NAME = W:\Projects\2013\13E282 Bliss Ph1\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

FINAL SURVEY	SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED	NOTE BOOK / NO.	BY / DATE
ORIGINAL SURVEY	SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED	NOTE BOOK / NO.	BY / DATE

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PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 20 OF 26 SHEETS | STA. 23+00.00 TO STA. 23+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	210
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

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PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD – STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 21 OF 26 SHEETS | STA. 24+00.00 TO STA. 24+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	211

CONTRACT NO.

ILLINOIS FED. AID PROJECT

FILE NAME = W:\Projects\2013\13282 Bliss Ph1\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

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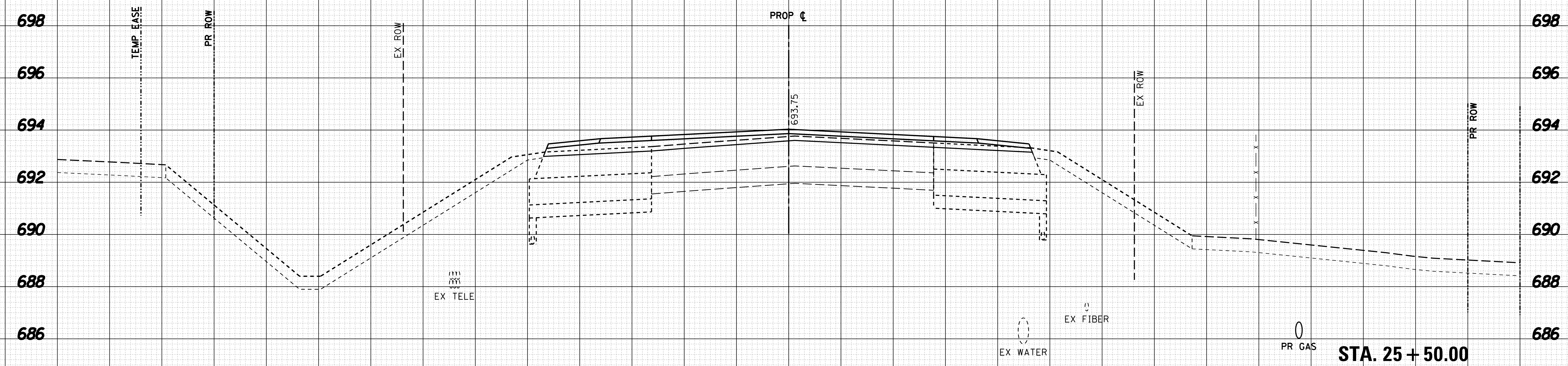
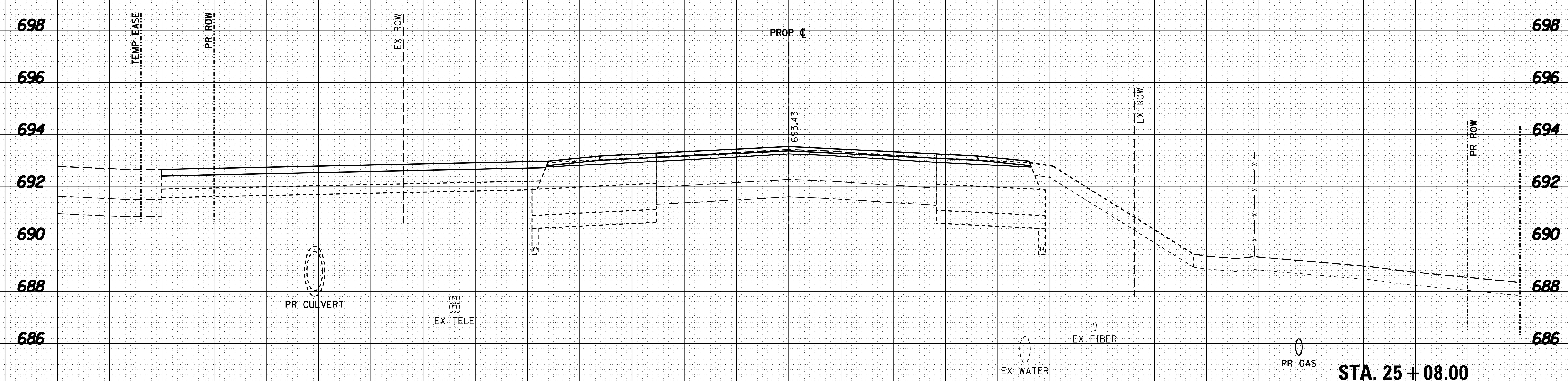


STA. 25 + 50.00



STA. 25 + 08.00

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		DRAWN - NDP	REVISED -
	PLOT SCALE = 1:5	CHECKED -	REVISED -
	PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 22 OF 26 SHEETS | STA. 25+08.00 TO STA. 25+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	212

CONTRACT NO.

ILLINOIS | FED. AID PROJECT

FILE NAME = W:\Projects\2013\130282 Bliss Ph1\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

FINAL SURVEY: NOTE BOOK NO. / SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED / BY / DATE

ORIGINAL SURVEY: NOTE BOOK NO. / SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED / BY / DATE

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

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FINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED		

ORIGINAL SURVEY		BY	DATE
NOTE BOOK NO.	SURVEYED / PLOTTED / TEMPLATE / AREAS / AREAS CHECKED		

FILE NAME = W:\Projects\2013\130282 Bliss PhII\cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

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PLOT DATE = 6/7/2016		DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 23 OF 26 SHEETS | STA. 26+00.00 TO STA. 26+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	213
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

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		PLOT SCALE = 1:5	DRAWN - NDP	REVISED -
			CHECKED -	REVISED -
		PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 24 OF 26 SHEETS | STA. 27+00.00 TO STA. 27+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	214
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		

STAGE 2 NOTES

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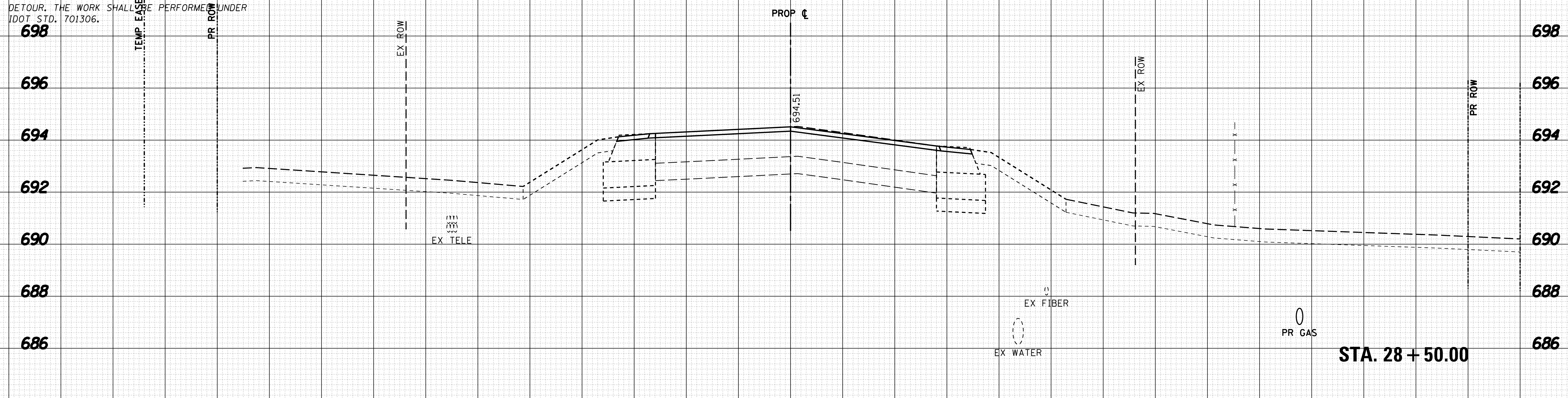

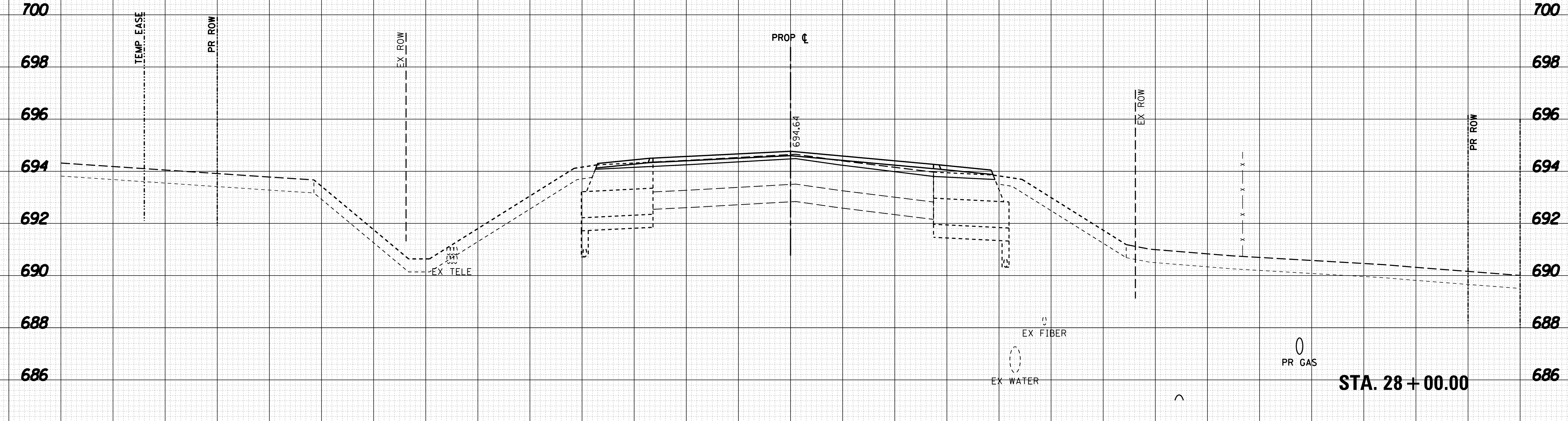

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FILE NAME = W:\Projects\2013\130282 Bliss Rd\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
BLISS ROAD - STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 25 OF 26 SHEETS | STA. 28+00.00 TO STA. 28+50.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	215

CONTRACT NO.

ILLINOIS FED. AID PROJECT

STAGE 2 NOTES

STAGE 2 OPERATIONS (MILLING/LEVELING & FINAL PAVEING) WILL BE COMPLETED IN STAGE 2 PRIOR TO REMOVING TRAFFIC CONTROL AND DETOUR.

STAGE 3 NOTES

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FINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

ORIGINAL SURVEY | NOTE BOOK NO. | SURVEYED | PLOTTED | TEMPLATE | AREAS | AREAS CHECKED | BY | DATE

FILE NAME = W:\Projects\2013\130282 Bliss Phl\Cadd\Civil\Dgn\Sht\XSSHT_RDWY-STG2.dgn

WBK engineering	WBK ENGINEERING, LLC 116 WEST MAIN STREET, SUITE 201 ST. CHARLES, ILLINOIS 60174 (630) 443-7755	USER NAME = nparris	DESIGNED - SBP	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION
			DRAWN - NDP	REVISED -	
		PLOT SCALE = 1:5	CHECKED -	REVISED -	
		PLOT DATE = 6/7/2016	DATE - 6/10/16	REVISED -	

CROSS SECTIONS

BLISS ROAD - STAGES 2 & 3

SCALE: H:5 V:2 | SHEET NO. 26 OF 26 SHEETS | STA. 29+00.00 TO STA. 29+00.00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
520	08-00058-02-BR	KANE	216	216
		CONTRACT NO.		
		ILLINOIS FED. AID PROJECT		