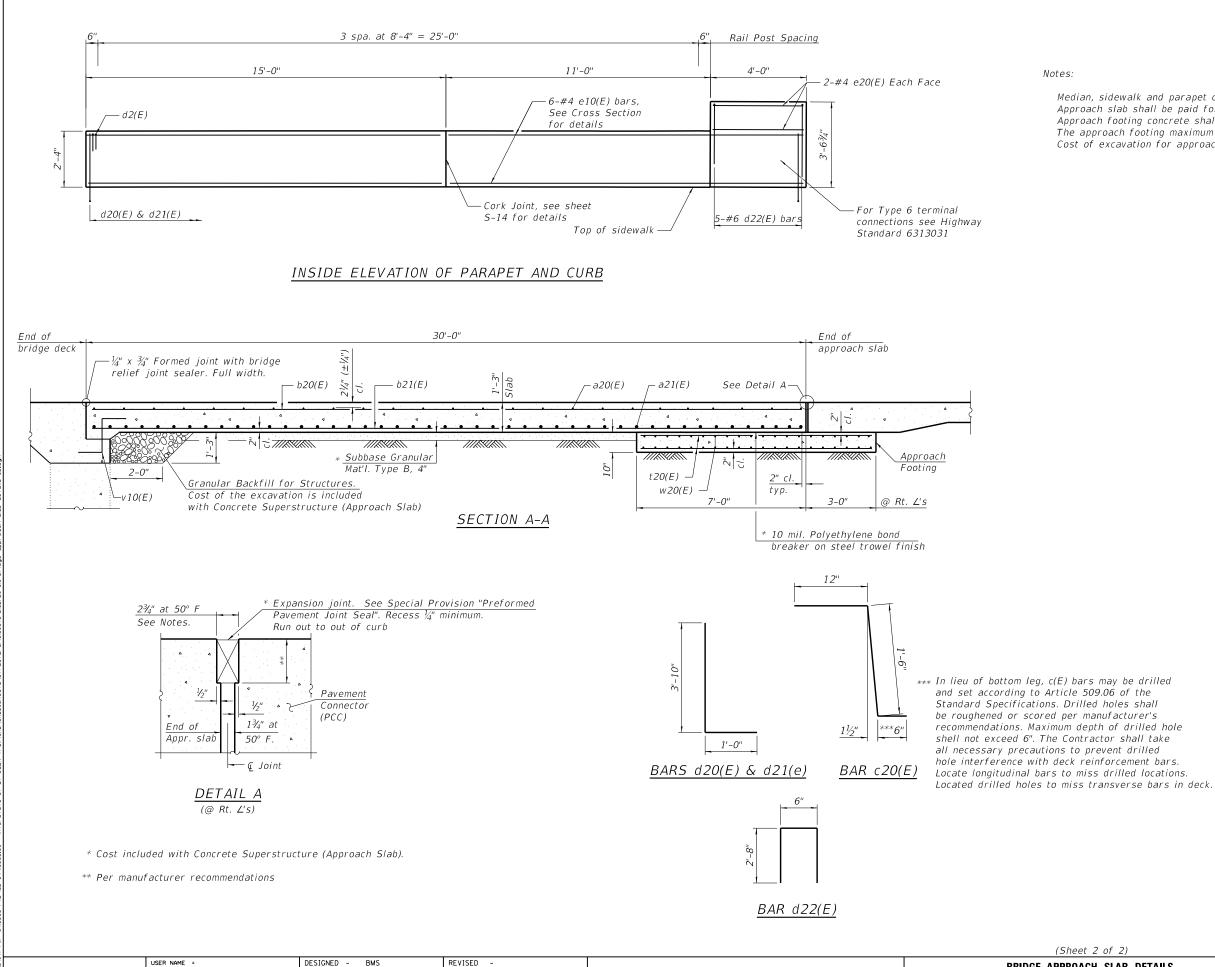


| SLAB DETAILS | F.A.U. SECTION | | | COUNTY | TOTAL SHEETS | SHEET NO. | | |
|--------------|---------------------------|----------------------|--|---------|-----------------|--------------|--|--|
| . 016–0575 | | 1632 0203-1001-HB-BR | | СООК | 137 | 101 | | |
| . 010-0375 | | | | CONTRAC | T NO. 6 | 52F29 | | |
| S-38 SHEETS | ILLINOIS FED. AID PROJECT | | | | | | | |
| | | | | | | | | |

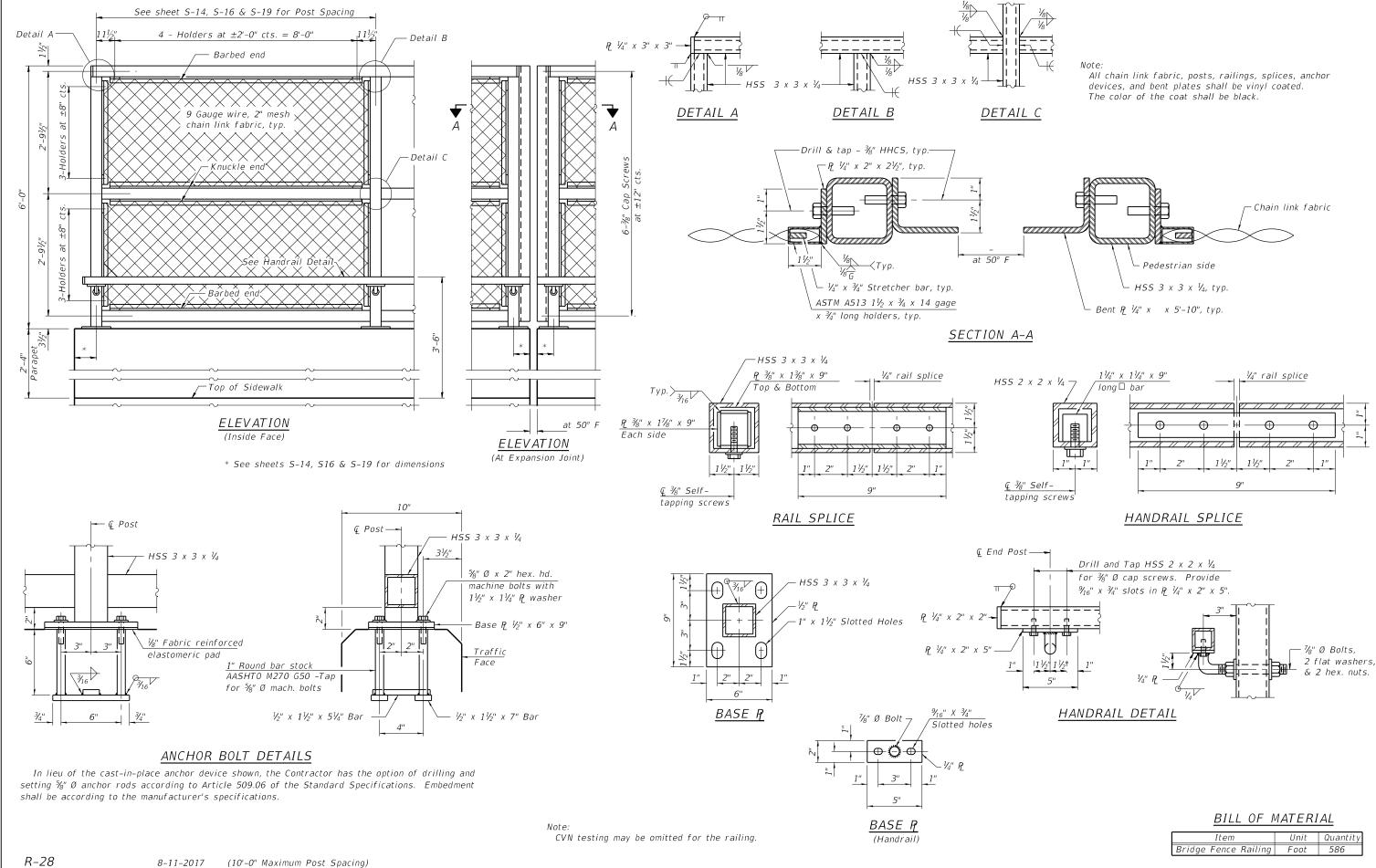


| | | | | | | (Sheet 2 of 2) | | | | |
|--|-----------------------|------------|-----|-----------|------------------------------|-------------------------------|---------------------------|-----------------|--------|-------------|
| | USER NAME = | DESIGNED - | BMS | REVISED - | | BRIDGE APPROACH SLAB DETAILS | F.A.U. | SECTION | COUNTY | TOTAL SHEET |
| | | CHECKED - | ЕКМ | REVISED - | STATE OF ILLINOIS | | 1632 | 0203-1001-HB-BR | соок | 137 102 |
| | PLOT SCALE = | DRAWN - | PRH | REVISED - | DEPARTMENT OF TRANSPORTATION | STRUCTURE NO. 016–0575 | CONTRACT NO. 62F29 | | | |
| | PLOT DATE = 5/23/2019 | CHECKED - | BMS | REVISED - | | SHEET NO. S-19 OF S-38 SHEETS | ILLINOIS FED. AID PROJECT | | | |

Median, sidewalk and 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. The approach footing maximum applied service bearing pressure (Qmax) = 2.0 ksf. Cost of excavation for approach footing included with Concrete Structures.

TWO APPROACHES BILL OF MATERIAL

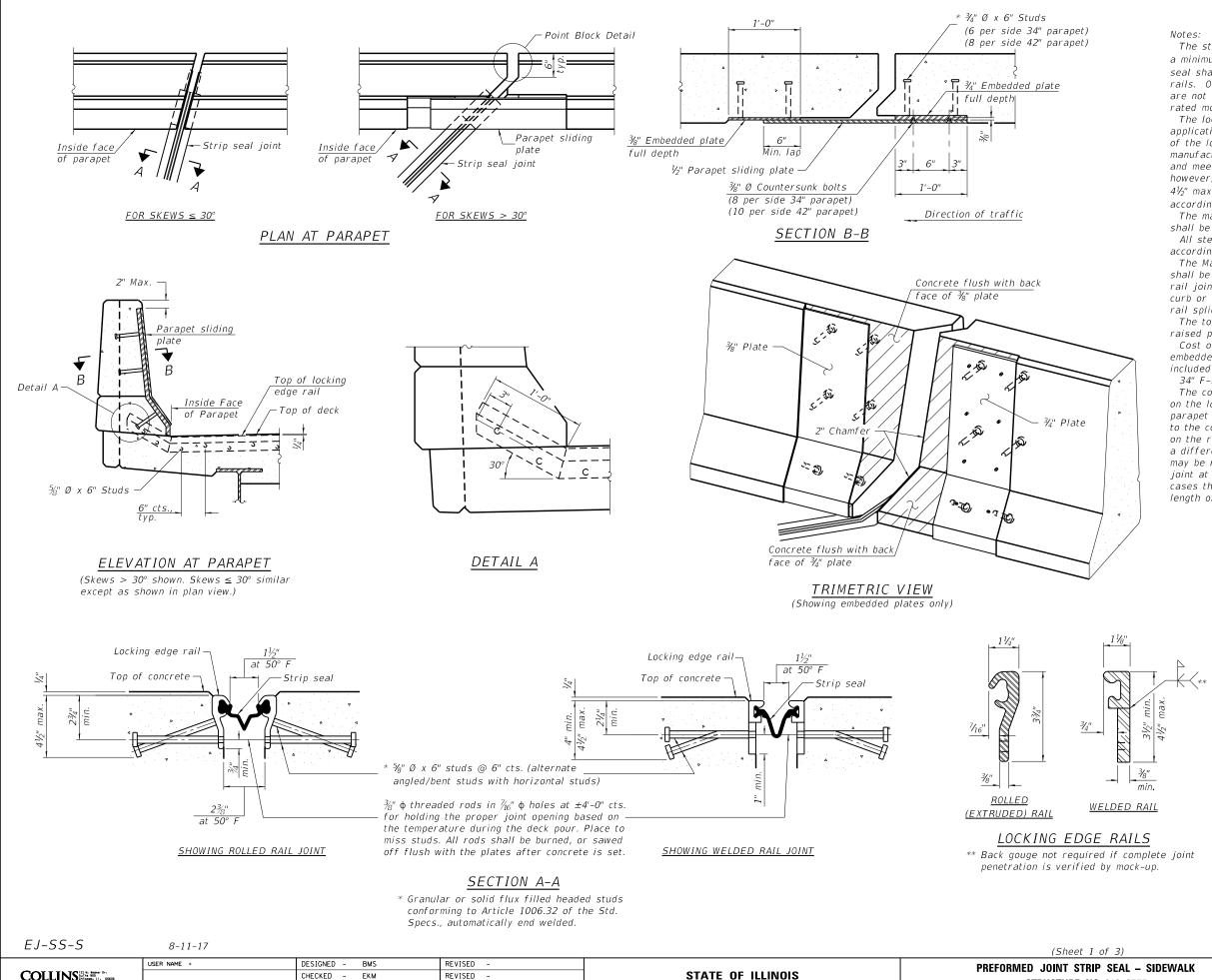
| - | | | | | |
|-----------------------|---------------------|----------|----------|-------|--|
| Bar | No. | Size | Length | Shape | |
| a20(E) | 180 | #5 | 43'-7" | | |
| a21(E) | 240 | 43'-7" | | | |
| | | | | | |
| b20(E) | 300 | #5 | 29'-8" | | |
| b21(E) | 404 | 29'-8'' | | | |
| | | | | | |
| c2(E) | 62 | #5 | 2'-7" | | |
| c20(E) | 248 | #5 | 3'-0" | ٦ | |
| c11(E) | 124 | #5 | 8'-0" | | |
| | | | | | |
| d2(E) | 32 | #4 | 2'-0" | | |
| d20(E) | 124 | #4 #6 | 4'-10'' | L | |
| d21(E) | 124 | 4'-10'' | L | | |
| d22(E) | 20 | #6 | 5'-10" | | |
| | | #4 | | | |
| e10(E) | 168 | 14'-8" | | | |
| e20(E) | 16 | #4 | 3'-8" | | |
| | | | | | |
| t20(E) | 340 | #4 | 10'-1" | | |
| | | | | | |
| w20(E) | 80 | #5 | 43'-7" | | |
| Conservation | Current | | Cu. V.I | 86.6 | |
| | Superst | | | 80.0 | |
| Concrete | | ructure | Cu. Yd. | 237.0 | |
| (Approac | n Siab) Structui | | Cu Vd | 51.0 | |
| | | | Cu. Yd. | 51.9 | |
| Reinforce Epoxy Co | | Pound | 97,260 | | |
| Granular | Backfill | for | Cu. Yd. | 21.0 | |
| Structur | | | C ~ V -! | 4.27 | |
| Bridge D | | ving | Sq. Yd. | 427 | |
| Protectiv | e coat | | Sq. Yd. | 638 | |



USER NAME = DESIGNED - BMS REVISED BRIDGE FENCE RAILING, PA COLLINS REVISED STATE OF ILLINOIS CHECKED - EKM STRUCTURE NO. PLOT SCALE = DRAWN PRH REVISED **DEPARTMENT OF TRANSPORTATION** -PLOT DATE = 5/23/2019 CHECKED - BMS SHEET NO. S-20 OF S-REVISED -

| Item | Unit | Quantity |
|----------------------|------|----------|
| Bridge Fence Railing | Foot | 586 |

| PARAPET MOUNTED | F.A.U. SECTION RTE. | | COUNTY | TOTAL SHEETS | SHEET NO. | |
|-----------------|---------------------------|-----------------|---------|-----------------|--------------|--|
| . 016–0575 | 1632 | 0203-1001-HB-BR | СООК | 137 | 103 | |
| . 010-0373 | | | CONTRAC | T NO. 6 | 52F29 | |
| S-38 SHEETS | ILLINOIS FED. AID PROJECT | | | | | |
| | | | | | | |



| 49 PM | EJ-55-5 | 8-11-17 | | | | (Sheet 1 of 3) | | |
|--|--------------|-----------------------|----------------|------------------------------|------------------------|---------------------------------------|--------------------|----------------------------------|
| 5:14: | _ | USER NAME = | DESIGNED - BMS | REVISED - | | PREFORMED JOINT STRIP SEAL – SIDEWALK | F.A.U. SECTION | COUNTY TOTAL SHEET SHEETS NO. |
| COLLINS 112 hr boar of the second sec | | CHECKED - EKM | REVISED - | STATE OF ILLINOIS | | 1632 0203-1001-HB-BR | COOK 137 104 | |
| | PLOT SCALE = | DRAWN - PRH | REVISED - | DEPARTMENT OF TRANSPORTATION | STRUCTURE NO. 016–0575 | | CONTRACT NO. 62F29 | |
| 2/2: | () | PLOT DATE = 5/23/2019 | CHECKED - BMS | REVISED - | | SHEET NO. S-21 OF S-38 SHEETS | ILLINOIS FED. | AID PROJECT |

The strip seal shall be made continuous and shall have a minimum thickness of $\frac{1}{4}$ ". The configuration of the strip seal shall match the configuration of the locking edge rails. Open or "webbed" strip seal gland configurations are not permitted. The gland shall be sized for a maximum rated movement of 4 inches.

The locking edge rails depicted are configured for typical applications and are conceptual only. The actual configuration of the locking edge rails and matching strip seal may vary from manufacturer to manufacturer provided they fit the application and meet the minimum anchorage shown. Flanged edge rails, however, will not be allowed. Locking edge rails may exceed the 4¹/₂" maximum depth provided the anchorage system is revised according to the manufacturer's recommendation.

The manufacturer's recommended installation methods shall be followed.

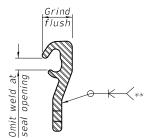
All steel components shall be galvanized after fabrication according to Article 520.03 of the Standard Specifications.

The Maximum space between locking edge rail segments shall be $\frac{3}{16}$ and sealed with a suitable sealant; however, any rail joint within 10' measured perpendicular to the face of the curb or parapet shall be welded as shown in the locking edge rail splice detail.

The top surface of sidewalk sliding plates shall have a raised pattern according to ASTM A786.

Cost of parapet sliding plates, sidewalk sliding plates, embedded plates, anchorage studs, and expansion anchors included with Preformed Joint Strip Seal.

34" F-shape barrier shown, 42" F-shape similar as noted. The concrete opening below the strip seal will vary based on the locking edge rail chosen by the Contractor. Deck and parapet lengths shown elsewhere in the plans are dimensioned to the concrete opening, not the joint opening, and are based on the rolled locking edge rail. If the Contractor elects to use a different locking edge rail, dimensional adjustments may be required. One exception to this would be the strip seal joint at the end of the precast bridge approach slab. For these cases the pavement connector length shall be adjusted, not the length of the bridge approach slab.

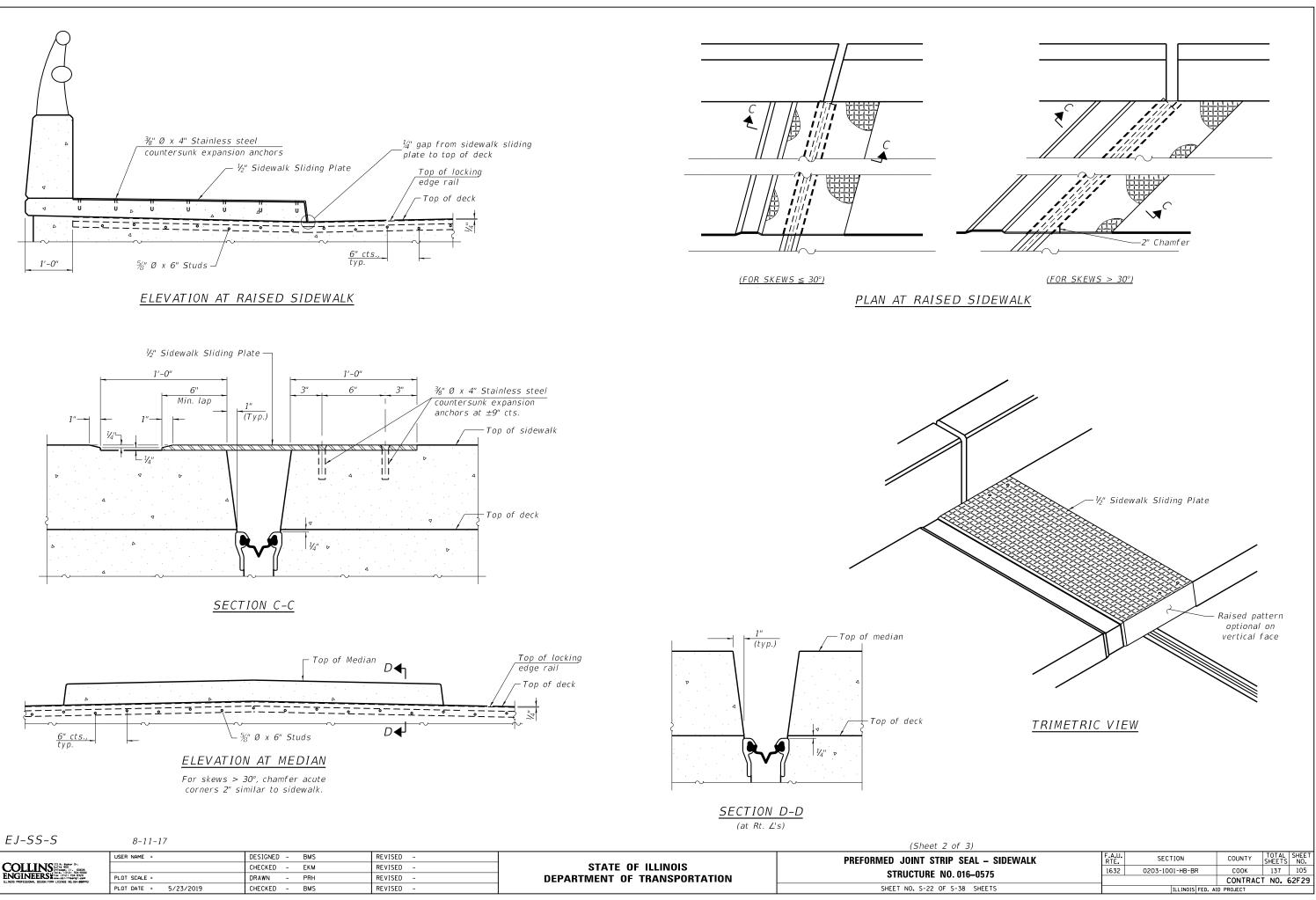


LOCKING EDGE RAIL SPLICE

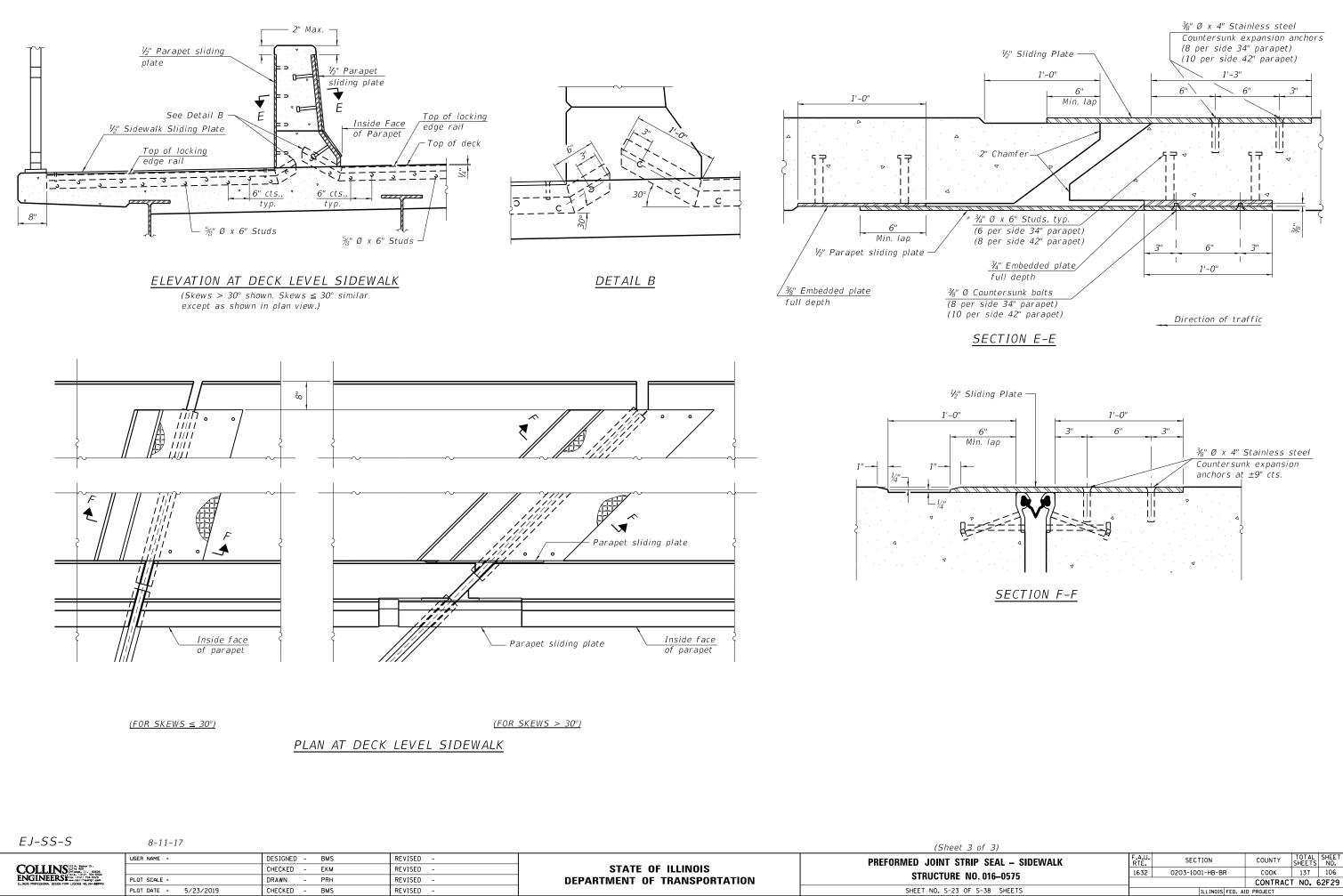
The inside of the locking edge rail groove shall be free of weld residue. Rolled rail shown, welded rail similar.

BILL OF MATERIAL

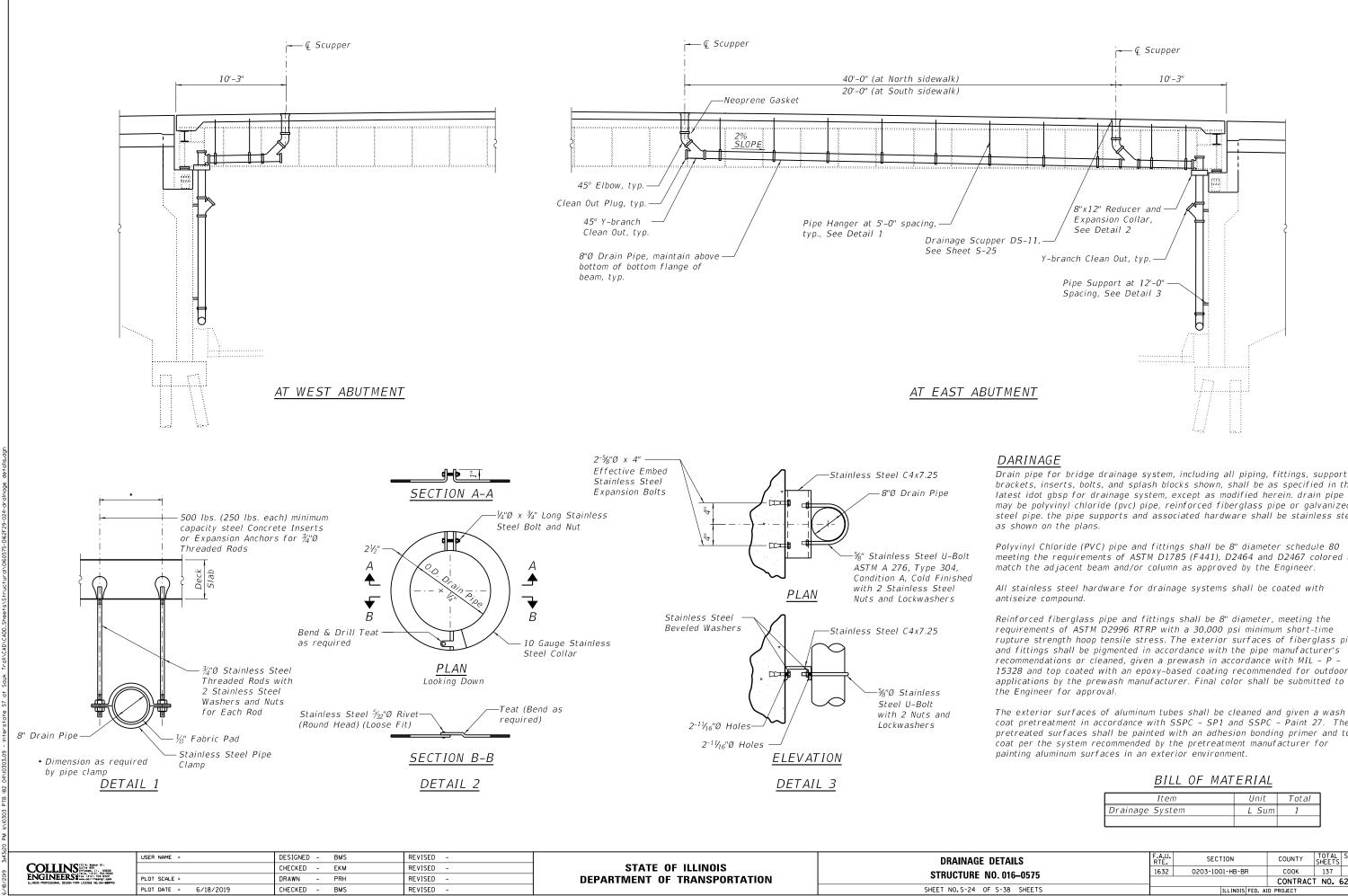
| Item | Unit | Total |
|----------------------------|------|-------|
| Preformed Joint Strip Seal | Foot | 172 |
| | | |



| | | | DESIGNED - BMS CHECKED - EKM | REVISED - REVISED - | STATE OF ILLINOIS | PREFORMED JOINT STRIP SEAL |
|--|-----------|-------------------------|---------------------------------|------------------------|------------------------------|----------------------------|
| | ENGINEERS | | DRAWN - PRH | REVISED - | DEPARTMENT OF TRANSPORTATION | STRUCTURE NO. 016–0 |
| PLOT DATE = 5/23/2019 CHECKED - BMS REVISED - SHEET NO. S-22 OF S-38 | | PLOT DATE = 5/23/2019 (| CHECKED - BMS | REVISED - | | SHEET NO. S-22 OF S-38 SH |



| ுட | | | | | | (5//661.5.0/ 5 |
|-------|-----------|-----------------------|----------------|-----------|------------------------------|--------------------------|
| 5:14: | | USER NAME = | DESIGNED - BMS | REVISED - | | PREFORMED JOINT STRIP SE |
| Ω | COLLINS | | CHECKED – EKM | REVISED - | STATE OF ILLINOIS | |
| 3/20 | ENGINEERS | PLOT SCALE = | DRAWN - PRH | REVISED - | DEPARTMENT OF TRANSPORTATION | STRUCTURE NO. 016 |
| 2/2 | | PLOT DATE = 5/23/2019 | CHECKED - BMS | REVISED - | | SHEET NO. S-23 OF S-38 |



Drain pipe for bridge drainage system, including all piping, fittings, support brackets, inserts, bolts, and splash blocks shown, shall be as specified in the latest idot gbsp for drainage system, except as modified herein. drain pipe may be polyvinyl chloride (pvc) pipe, reinforced fiberglass pipe or galvanized steel pipe. the pipe supports and associated hardware shall be stainless steel

Polyvinyl Chloride (PVC) pipe and fittings shall be 8" diameter schedule 80 meeting the requirements of ASTM D1785 (F441), D2464 and D2467 colored to match the adjacent beam and/or column as approved by the Engineer.

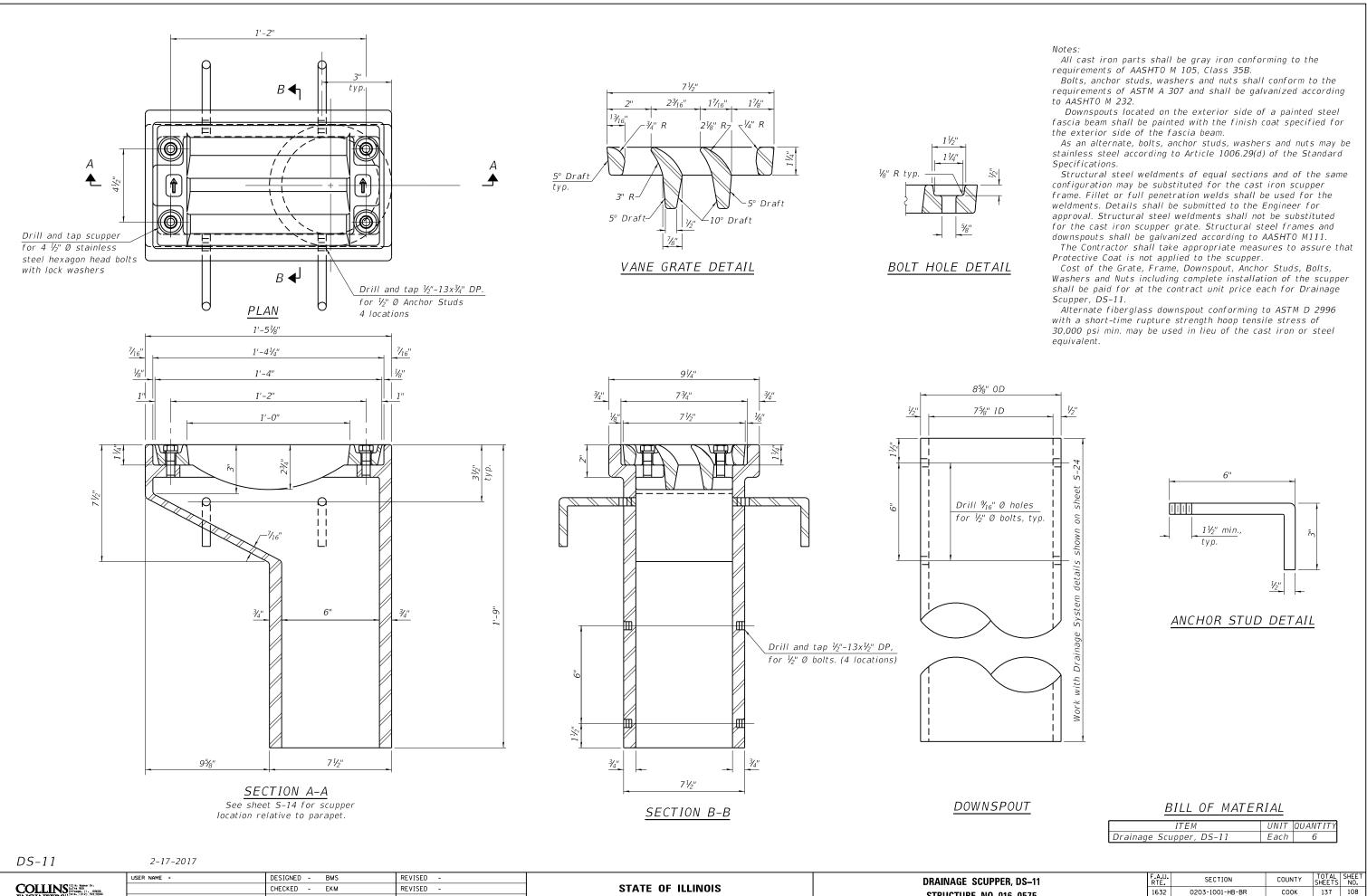
All stainless steel hardware for drainage systems shall be coated with

Reinforced fiberglass pipe and fittings shall be 8" diameter, meeting the requirements of ASTM D2996 RTRP with a 30,000 psi minimum short-time rupture strength hoop tensile stress. The exterior surfaces of fiberglass pipe and fittings shall be pigmented in accordance with the pipe manufacturer's recommendations or cleaned, given a prewash in accordance with MIL - P -15328 and top coated with an epoxy-based coating recommended for outdoor applications by the prewash manufacturer. Final color shall be submitted to

coat pretreatment in accordance with SSPC - SP1 and SSPC - Paint 27. The pretreated surfaces shall be painted with an adhesion bonding primer and top coat per the system recommended by the pretreatment manufacturer for

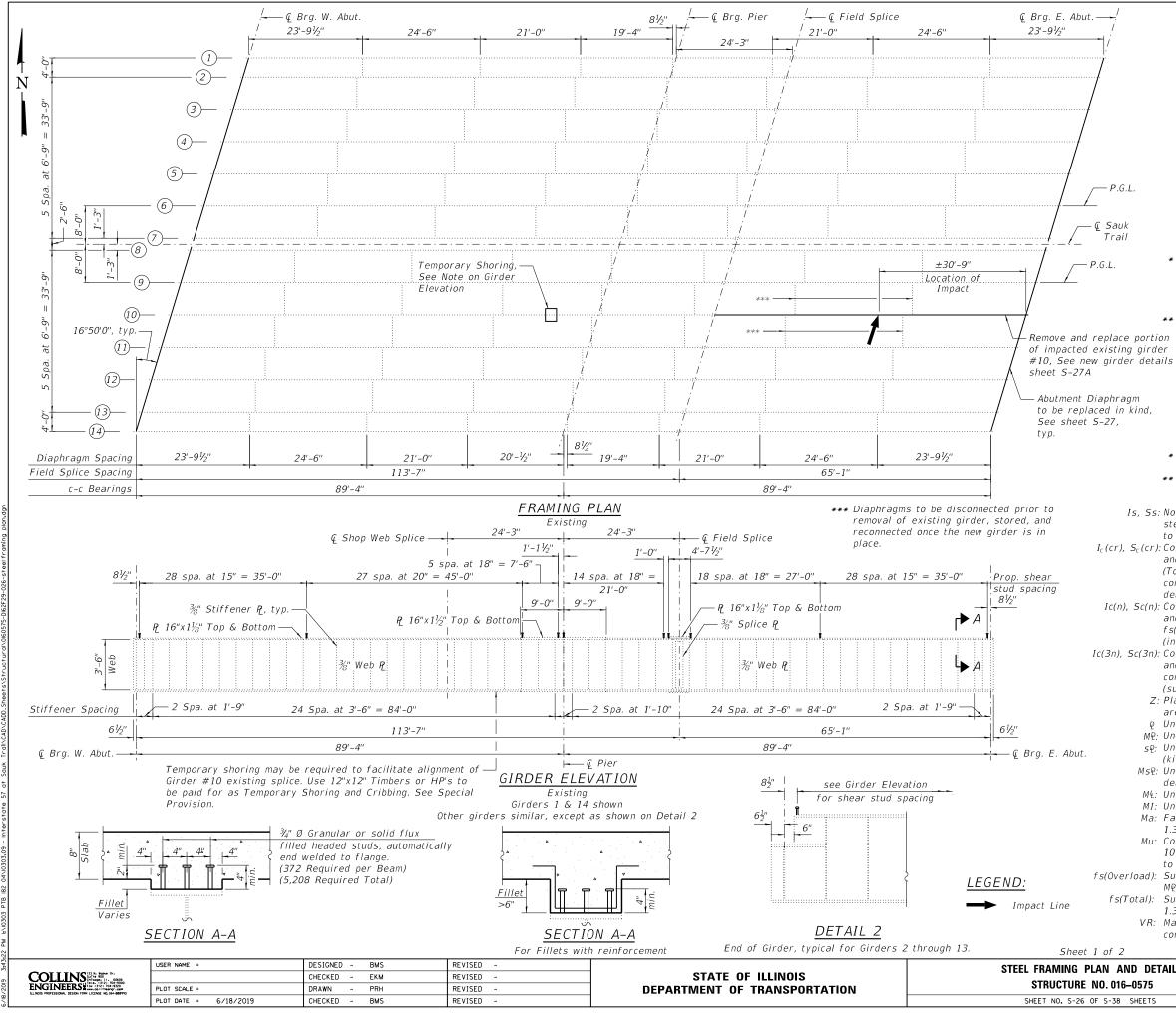
| Item | Unit | Total |
|-----------------|-------|-------|
| Drainage System | L Sum | 1 |
| | | |

| TAILS | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | |
|------------|---------------------------|----------------------|---------|-----------------|--------------|--|
| 016-0575 | | 1632 0203-1001-HB-BR | | 137 | 107 | |
| 010-0375 | | | CONTRAC | T NO. (| 52F29 | |
| -38 SHEETS | ILLINOIS FED. AID PROJECT | | | | | |
| | | | | | | |



| 5:14:5 | | USER NAME = | DESIGNED - BMS | REVISED - | | DRAINAGE SCUPPER. DS-11 | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEET SHEETS NO. |
|--------|--|---------------------------------------|------------------------------|------------------------|------------------------------|-------------------------------|-----------------|---------------|-------------|---------------------------|
| | | CHECKED - EKM | REVISED - STATE OF ILLINOIS | | STRUCTURE NO. 016–0575 | 1632 | 0203-1001-HB-BR | СООК | 137 108 | |
| 5/23/2 | ENGINEERSE (20.1131.1001-9200 ILLINDIS PROFESSIONAL DESIGN FIRM LICENSE NO.184-000993 | PLOT SCALE = PLOT DATE = 5/23/2019 | DRAWN – PRH CHECKED – BMS | REVISED - REVISED - | DEPARTMENT OF TRANSPORTATION | SHEET NO. S-25 OF S-38 SHEETS | | ILLINOIS FED. | AID PROJECT | CT NO. 62F29 |

| ITEM | UNIT | QUANTITY |
|-------------------------|------|----------|
| Drainage Scupper, DS-11 | Each | 6 |



| / | F | | | |
|-------------|----------------------------|---------|---------------------------|--------|
| | INTERI | OR GIRL | DER MOMENT T | ABLE |
| | | | 0.4 Sp. 1 or 0.6 Sp. 2 | Pier |
| | Is | (in4) | 19,057 | 25,031 |
| | Ic(n) | (in4) | 41,040 | 50,515 |
| | Ic(3n) | (in4) | 31,311 | 38,495 |
| | Ic(cr) | (in4) | - | 29,284 |
| | Ss | (in³) | 861 | 1,113 |
| | Sc(n) | (in³) | 1.078 | 1,353 |
| | Sc(3n) | (in³) | 1,007 | 1,267 |
| | Sc(cr) | (in³) | - | 1,171 |
| | P | (k/') | 0.92 | 0.92 |
| | M₽ | ('k) | 477 | -931 |
| P.G.L. | s₽ | (k/') | 0.15 | 0.15 |
| | Ms ₽ | ('k) | 77 | -142 |
| | M4 | ('k) | 583 | -568 |
| auk | MI | ('k) | 136 | -133 |
| ail | ⁵ 3[M½ + I] | ('k) | 1,199 | -1,168 |
| | Ма | ('k) | 2,279 | -2,913 |
| * | Mu | ('k) | 3,903 | - |
| | fs₽(non-comp) | (ksi) | 6.65 | -10.04 |
| | fs₽(comp) | (ksi) | 0.92 | -1.34 |
| | fs ⁵ 3 [M½ + 1] | (ksi) | 13.34 | -11.96 |
| | fs(Overload) | (ksi) | 20.91 | -23.35 |
| ** | fs(Total) | (ksi) | - | -30.35 |
| ace portion | VR | (k) | 59.15 | - |
| ice portion | | | | |

| L INTER | | | | | |
|--------------------------------|-----|-------|-------|--|--|
| INTERIOR GIRDER REACTION TABLE | | | | | |
| | | Abut. | Pier | | |
| R₽ | (k) | 30.3 | 113.4 | | |
| R4 | (k) | 43.1 | 60.6 | | |
| RI | (k) | 10.1 | 14.1 | | |
| R _{Total} | (k) | 83.5 | 188.1 | | |
| | | | | | |

* Compact section

****** Braced non-compact and partially braced section

- Is, Ss: Non-composite moment of inertia and section modulus of the steel section used for computing fs(Total and Overload) due to non-composite 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 fs (Total and Overload in cracked sections, due to both short-term composite live loads and long-term composite (superimposed) dead loads (in.4 and in.3)
- Ic(n), Sc(n): Composite moment of inertia and section modulus of the steel and deck based upon the modular ratio, "n", used for computing fs(Total and Overload) due to short-term composite live loads (in.⁴ and in.³).
- Ic(3n), Sc(3n): Composite moment of inertia and section modulus of the steel and deck based upon 3 times the modular ratio, "3n", used for computing fs(Total and Overload) due to long-term composite (superimposed) dead loads (in.4 and in.3).
 - Z: Plastic Section Modulus of the steel section in non-composite areas.
 - ₽ Un-factored non-composite dead load (kips/ft.).
 - MP: Un-factored moment due to non-composite dead load (kip-ft). sp: Un-factored long-term composite (superimposed) dead load (kips/ft.).
 - MsP: Un-factored moment due to long-term composite (superimposed) dead load (kip-ft.).
 - M4: Un-factored live load moment (kip-ft.).
 - MI: Un-factored moment due to impact (kip-ft).
 - Ma: Factored design moment (kip-ft.).

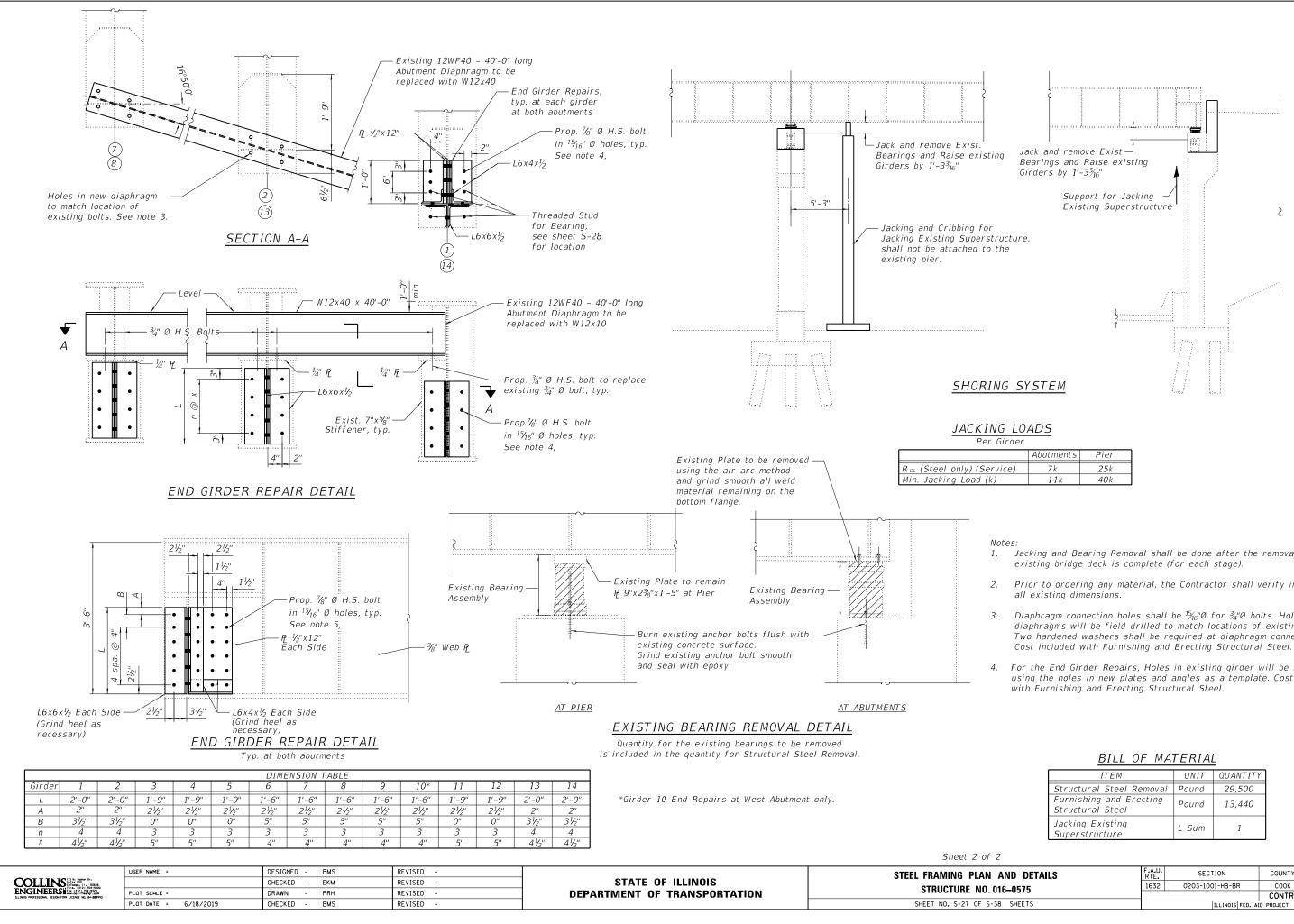
 $1.3 [MP + MsP + \frac{5}{3} (M\ell + MI)]$ Mu: Compact composite moment capacity according to AASHTO LFD 10.50.1.1 or compact non-composite moment capacity according to AASHTO LFD 10.48.1 (kip-ft.).

fs(Overload): Sum of stresses as computed from the moments below (ksi). $M\varrho + Ms\varrho + \frac{5}{3}(M\ell + MI)$

fs(Total): Sum of stresses as computed from the moments below (ksi). $1.3 [MQ + MSQ + \frac{5}{2} (ML + MI)]$

VR: Maximum& + impact shear range within span for stud shear connector design (kips).

| N AND DETAILS | | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------|---------------------------|-----------------|---------|-----------------|--------------|
| . 016–0575 | 1632 | 0203-1001-HB-BR | COOK | 137 | 109 |
| . 010-0375 | | | CONTRAC | T NO. 6 | 52F29 |
| 5-38 SHEETS | ILLINOIS FED. AID PROJECT | | | | |
| | | | | | |

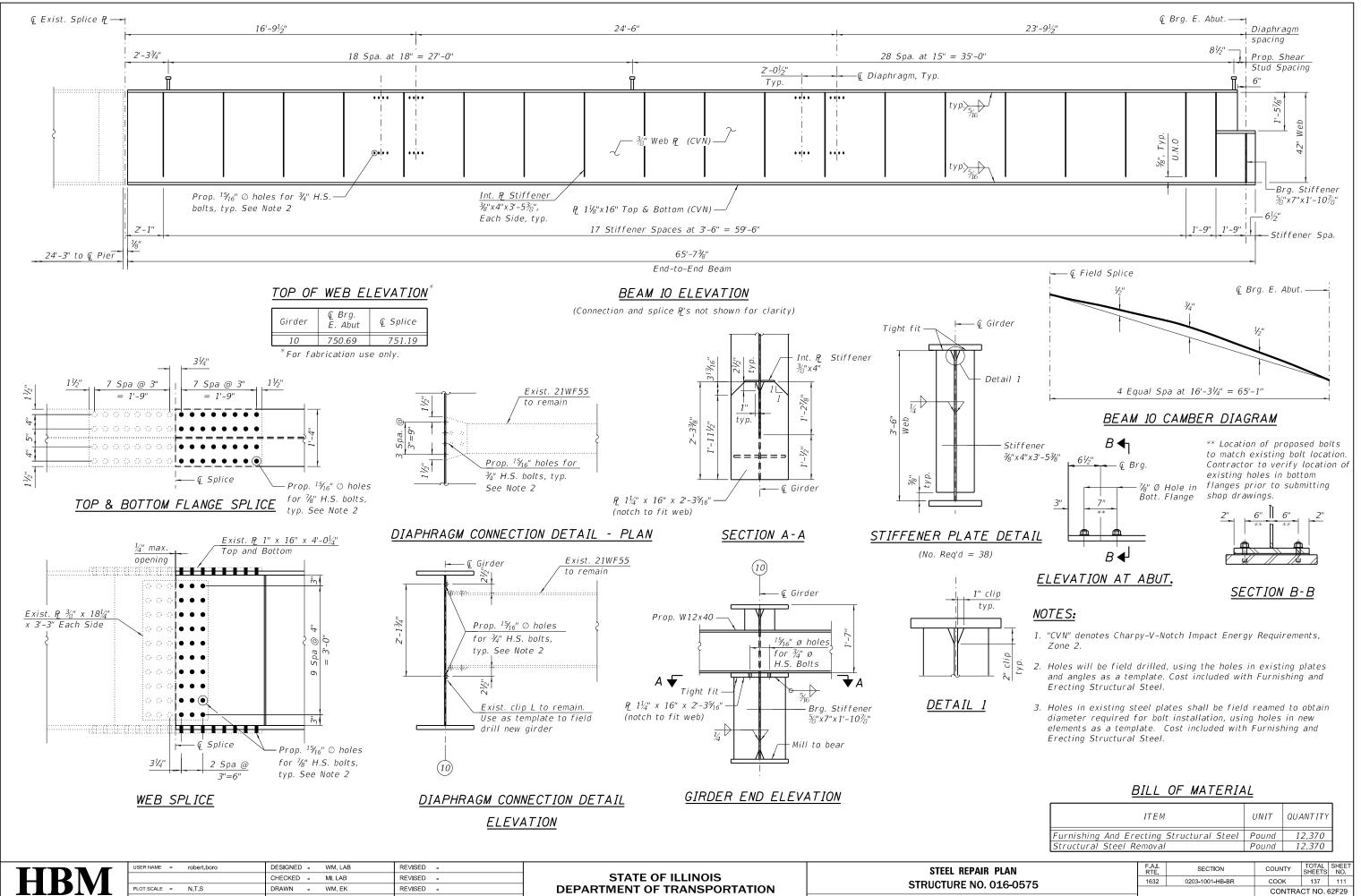


| r Girder | | |
|----------|-----------|------|
| | Abutments | Pier |
| ervice) | 7 k | 25k |
| k) | 11k | 40k |

- 1. Jacking and Bearing Removal shall be done after the removal of the
- 2. Prior to ordering any material, the Contractor shall verify in the field
- 3. Diaphragm connection holes shall be ${}^{15}\!\!/_{16}$ "Ø for ${}^{3}\!\!/_{4}$ "Ø bolts. Holes in new diaphragms will be field drilled to match locations of existing bolts. Two hardened washers shall be required at diaphragm connections.
- 4. For the End Girder Repairs, Holes in existing girder will be field drilled, using the holes in new plates and angles as a template. Cost included

| | | - |
|---|-------|----------|
| ITEM | UNIT | QUANTITY |
| Structural Steel Removal | Pound | 29,500 |
| Furnishing and Erecting Structural Steel | Pound | 13,440 |
| Jacking Existing Superstructure | L Sum | 1 |

| I AND DETAILS 016–0575 | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------------|---------------------------|-----------------|---------|-----------------|--------------|
| | 1632 | 0203-1001-HB-BR | СООК | 137 | 110 |
| | | | CONTRAC | T NO. 0 | 52F29 |
| -38 SHEETS | ILLINOIS FED. AID PROJECT | | | | |



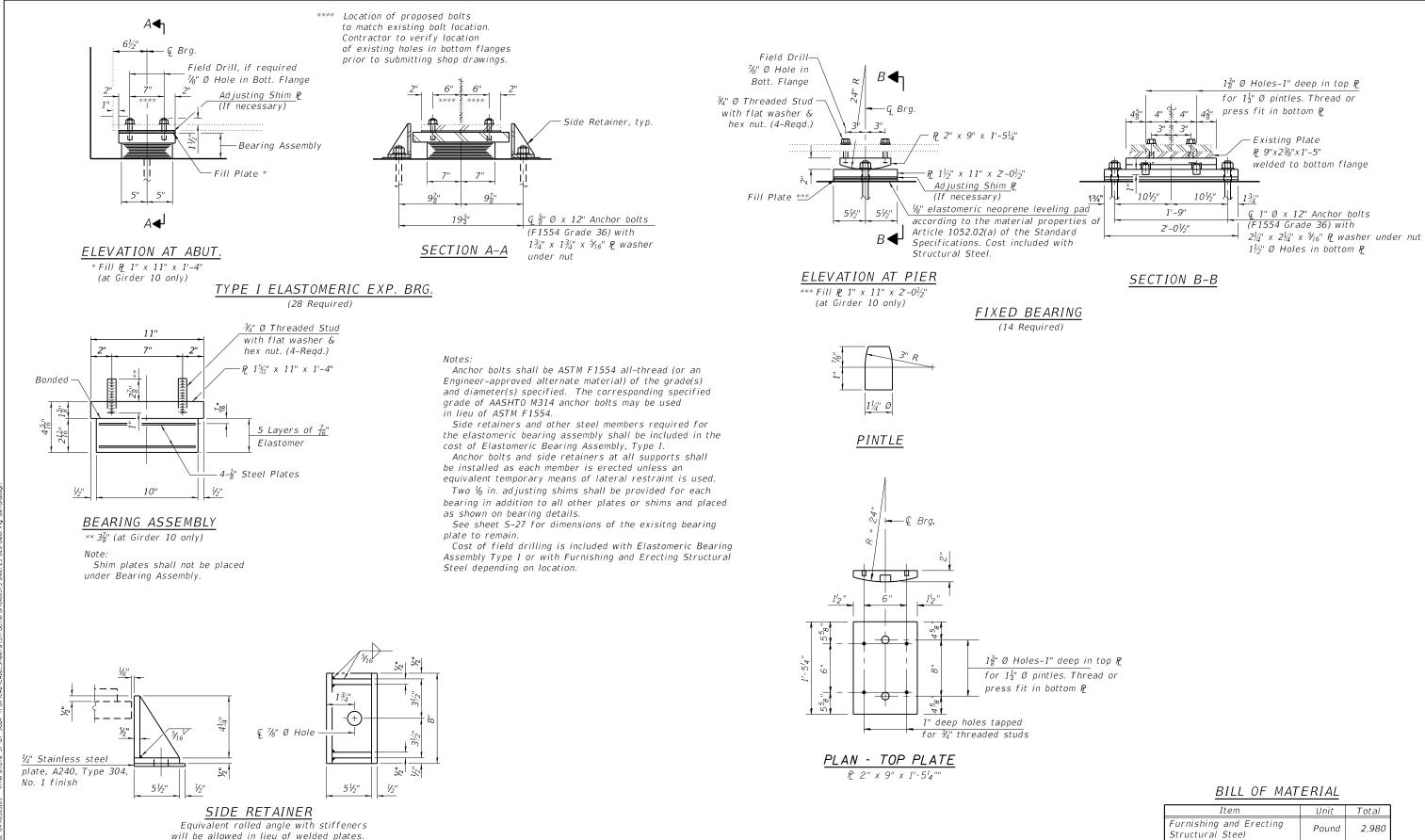
PLOT DATE = 6/18/2019

CHECKED - MI. MAI

REVISED -

SHEET S-27A OF S-38 SHEETS

ILLINOIS FED. AID PROJECT



DEPARTMENT OF TRANSPORTATION

I-2E-1 8-11-2017 USER NAME = DESIGNED - BMS REVISED -COLLINS STATE OF ILLINOIS CHECKED - EKM REVISED

REVISED

REVISED

PLOT SCALE =

PLOT DATE = 5/23/2019

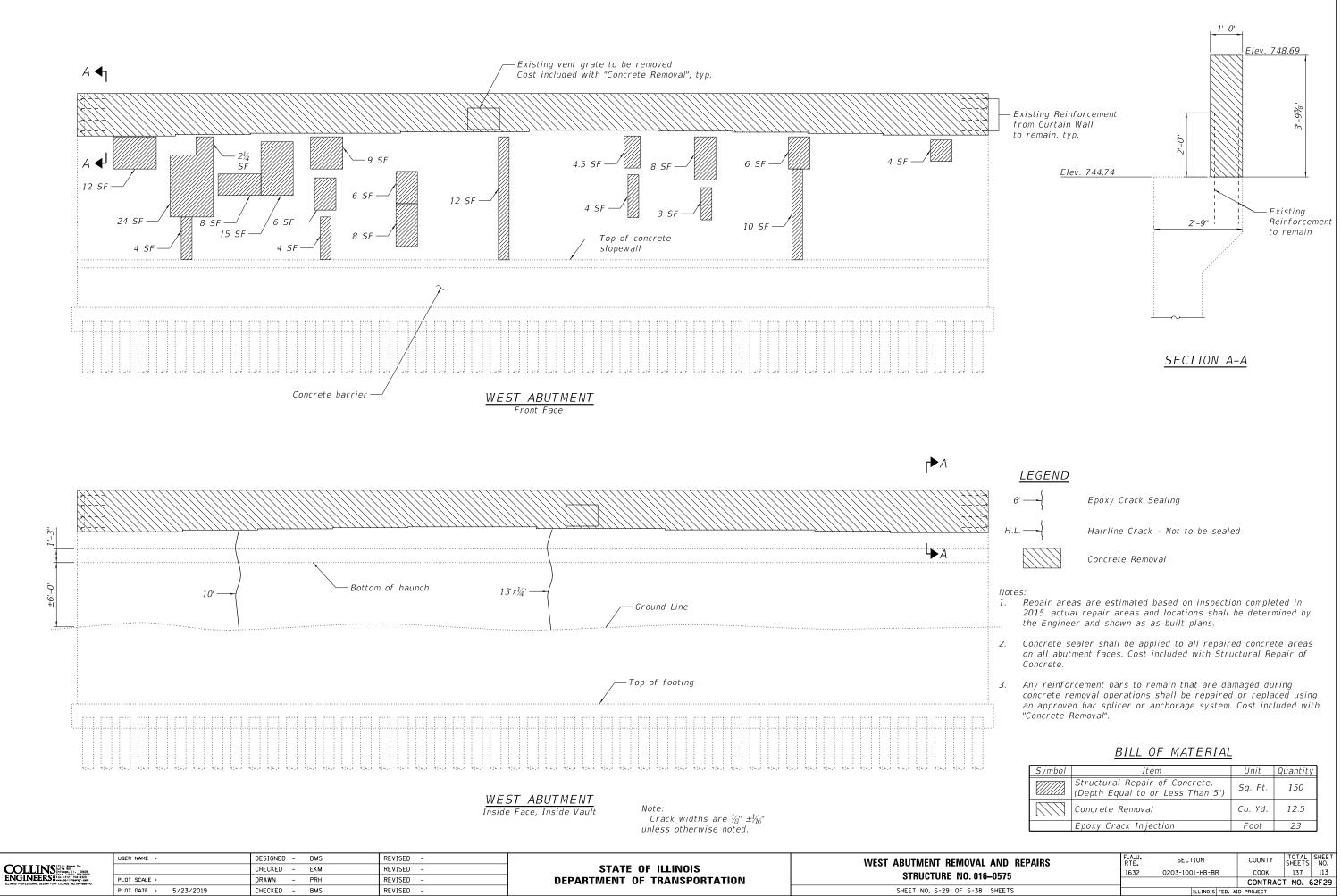
DRAWN

CHECKED - BMS

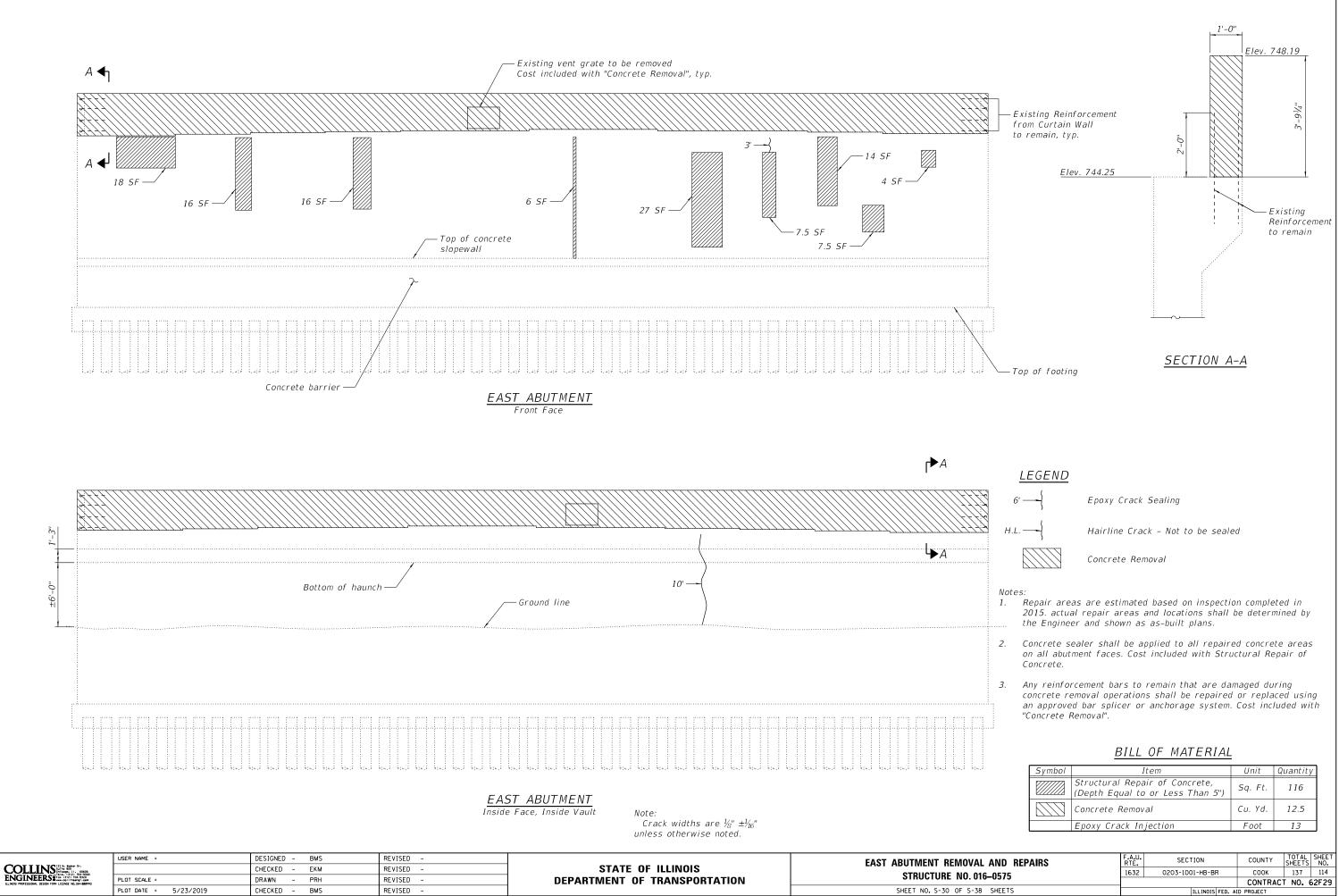
PRH

| BEARING DETAILS | | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-------------------------------|------|-----------------|------------|-----------------|--------------|
| STRUCTURE NO. 016-0575 | 1632 | 0203-1001-HB-BR | СООК | 137 | 112 |
| 01110010HE NO: 010-0375 | | | CONTRAC | T NO. | 62F29 |
| SHEET NO. S-28 OF S-38 SHEETS | | ILLINOIS FED. A | ID PROJECT | | |
| | | | | | |

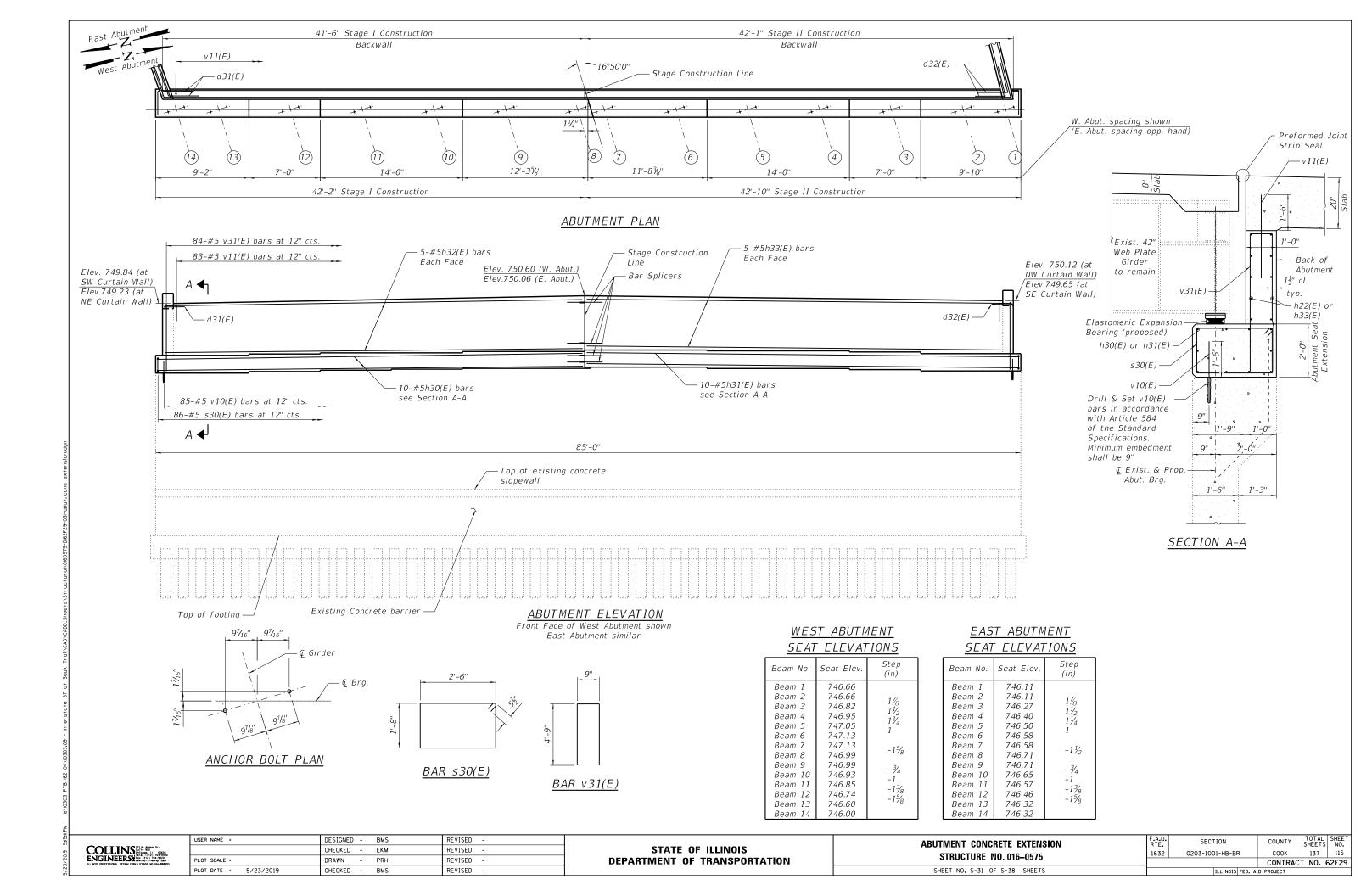
| Item | Unit | Total |
|---|-------|-------|
| Furnishing and Erecting Structural Steel | Pound | 2,980 |
| Elastomeric Bearing Assembly Type I | Each | 28 |
| Anchor Bolts, 5%" | Each | 56 |
| Anchor Bolts, 1" | Each | 28 |

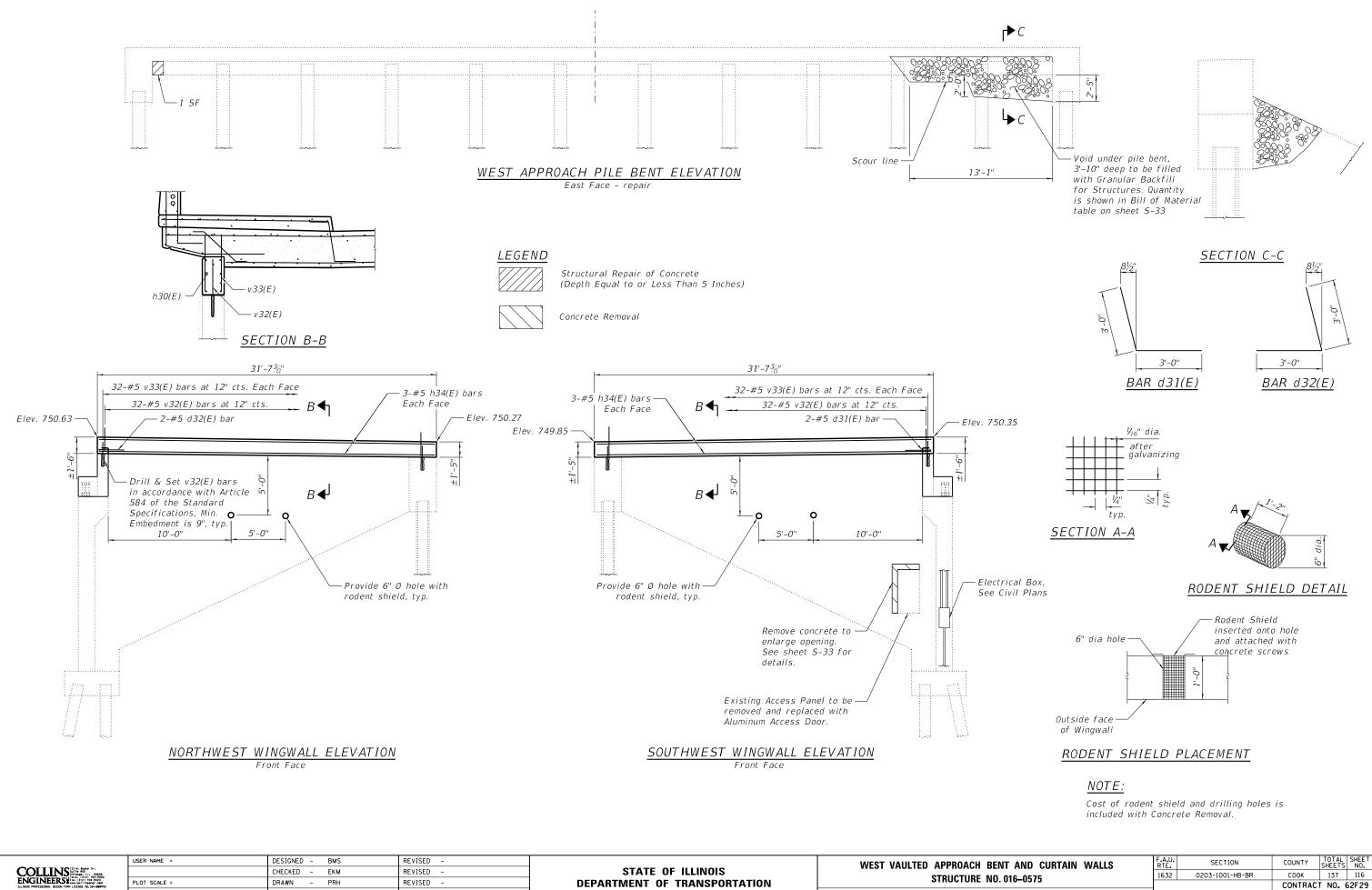


| | | | | υU |
|------|--------|---------------|-----|------|
| 5-38 | SHEETS | ILLINOIS FED. | AID | PROJ |
| | | | | |



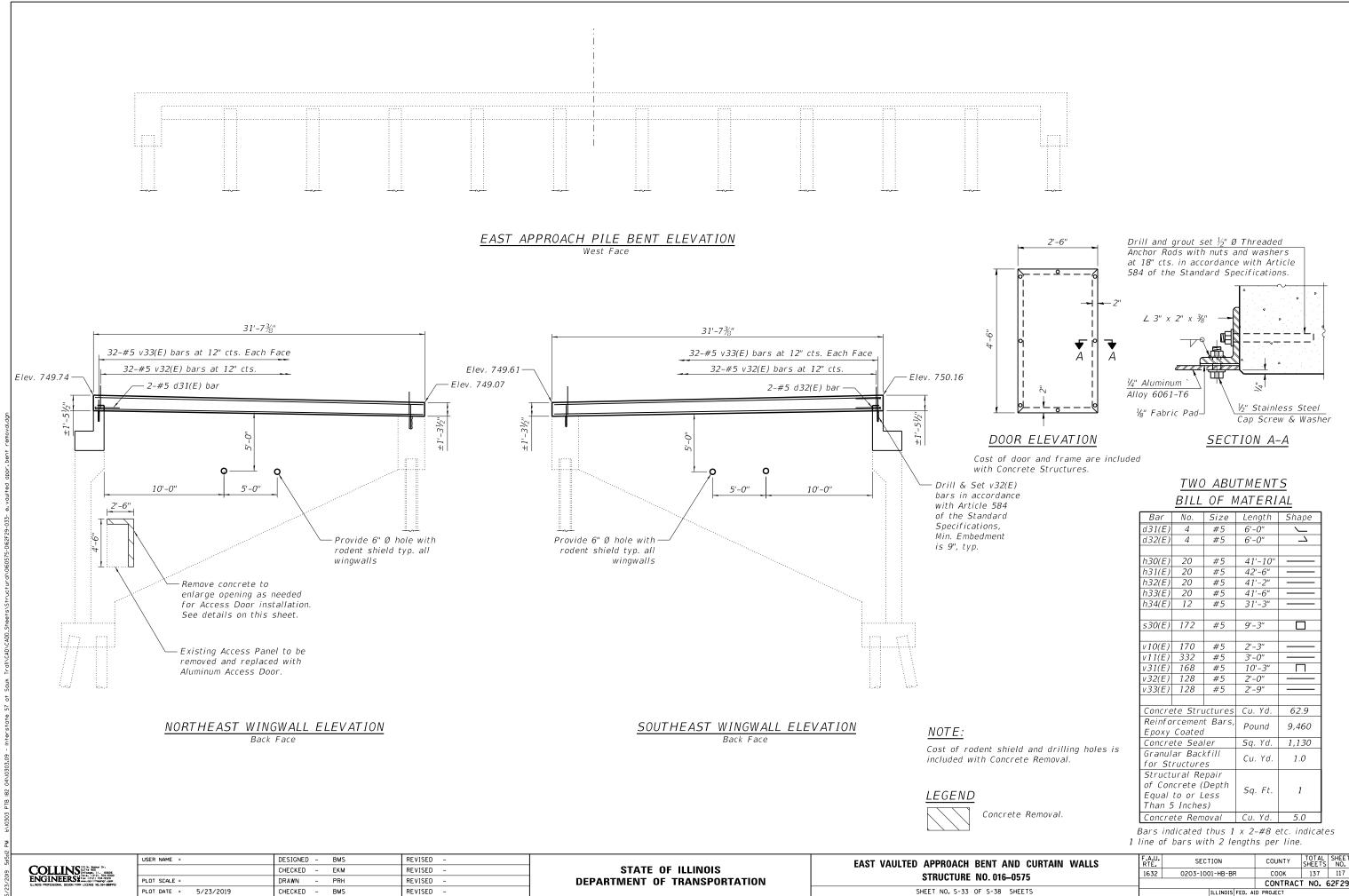
| -38 | SHEETS | |
|-----|--------|--|
| | | |



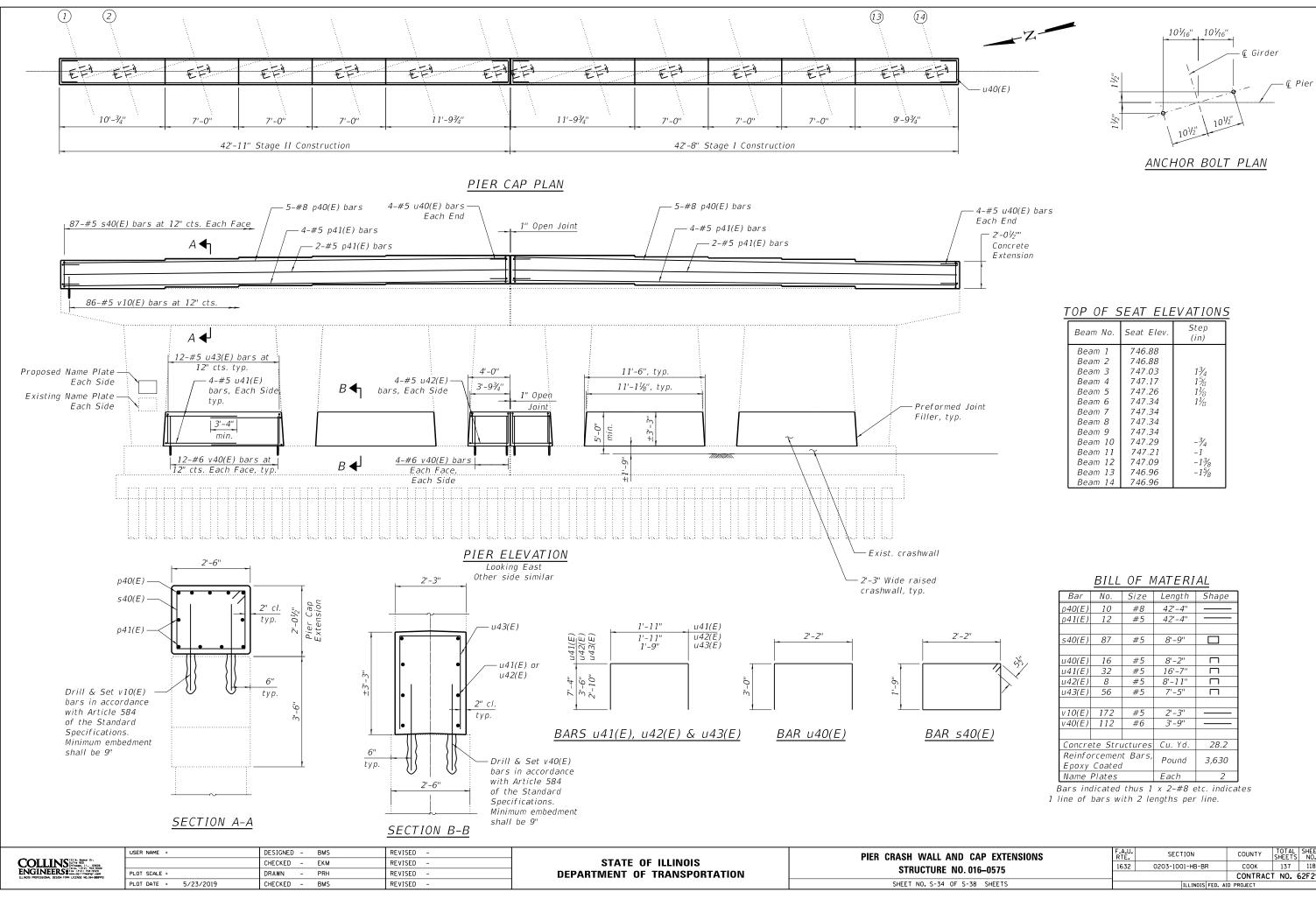


| 19 5a15a1 | | USER NAME = | DESIGNED - BMS CHECKED - EKM | REVISED - REVISED - | STATE OF ILLINOIS | WEST VAULTED APPROACH BENT |
|-----------|-----------|-----------------------|---------------------------------|------------------------|------------------------------|----------------------------|
| 3/20 | ENGINEERS | PLOT SCALE = | DRAWN - PRH | REVISED - | DEPARTMENT OF TRANSPORTATION | STRUCTURE NO. 01 |
| 5/2 | | PLOT DATE = 5/23/2019 | CHECKED - BMS | REVISED - | | SHEET NO. S-32 OF S-38 |

-38 SHEETS



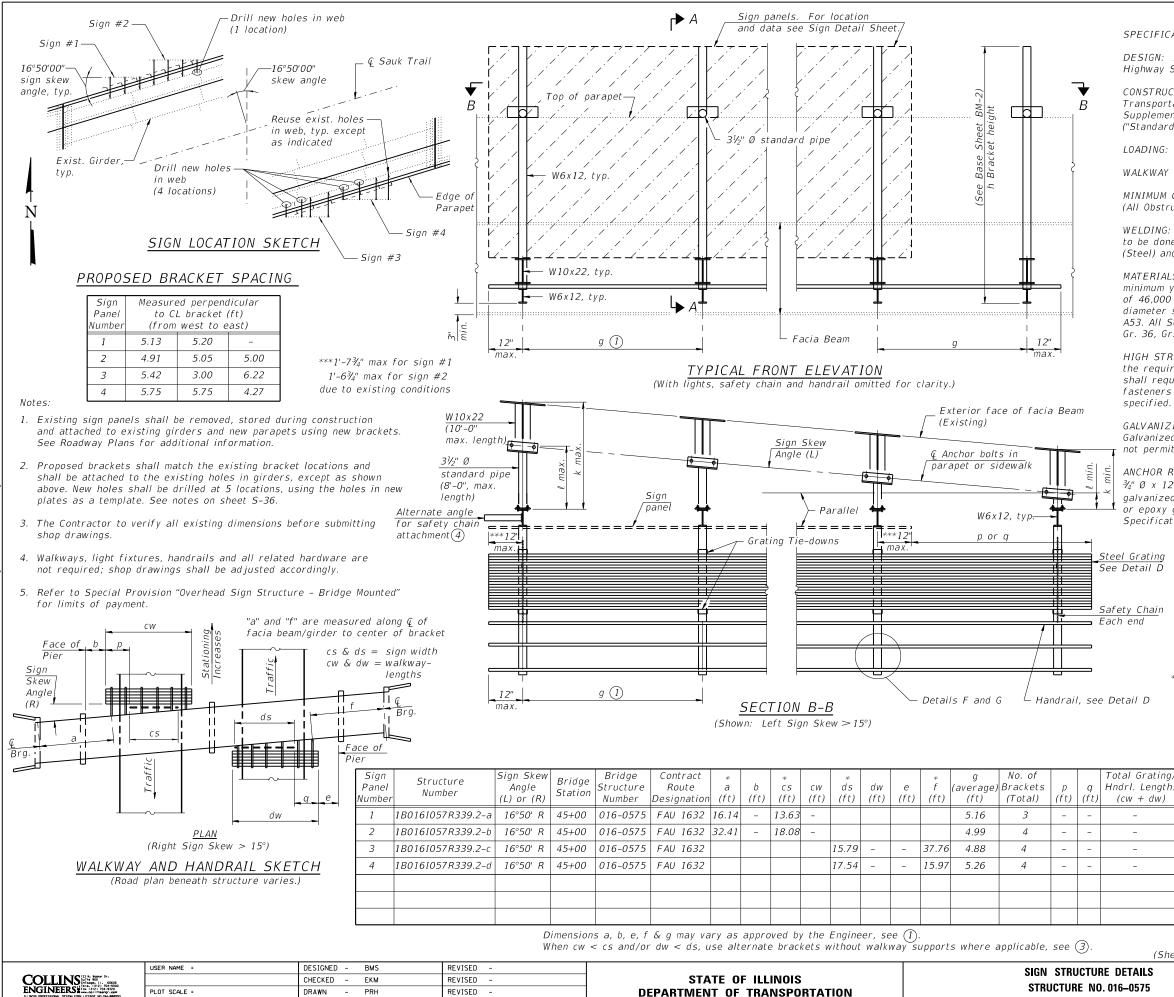
| NT AND CURTAIN WALLS .016–0575 | | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|-----------------------------------|---------------------------|-----------------|---------|-----------------|--------------|
| | | 0203-1001-HB-BR | СООК | 137 | 117 |
| | | | CONTRAC | T NO. 6 | 52F29 |
| 5-38 SHEETS | ILLINOIS FED. AID PROJECT | | | | |
| | | | | | |



| Beam No. | Seat Elev. | Step (in) |
|---|--|--|
| Beam 1 Beam 2 Beam 3 Beam 4 Beam 5 Beam 6 Beam 7 Beam 8 Beam 9 Beam 10 Beam 11 Beam 12 Beam 13 Beam 14 | 746.88 746.88 747.03 747.17 747.26 747.34 747.34 747.34 747.34 747.29 747.21 747.09 746.96 746.96 | 1¾ 1% 1½ 1⅓ 1⅓ -¾ -1 -1¾ -1⅔ |

| Bar | No. | Size | Length | Shape |
|---------------------|--------|------|---------|-------|
| p40(E) | 10 | #8 | 42'-4'' | |
| p41(E) | 12 | #5 | 42'-4" | |
| | | | | |
| s40(E) | 87 | #5 | 8'-9" | |
| | | | | |
| u40(E) | 16 | #5 | 8'-2" | |
| u41(E) | 32 | #5 | 16'-7" | |
| u42(E) | 8 | #5 | 8'-11" | |
| u43(E) | 56 | #5 | 7'-5" | |
| | | | | |
| v10(E) | 172 | #5 | 2'-3" | |
| v40(E) | 112 | #6 | 3'-9" | |
| | | | | |
| Concrete Structures | | | Cu.Yd. | 28.2 |
| Reinforcement Bars, | | | Pound | 3,630 |
| Epoxy Coated | | | i ounu | 5,050 |
| Name | Plates | | Each | 2 |

| CAP EXTENSIONS . 016–0575 | | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|------------------------------|---------------------------|-----------------|---------|-----------------|--------------|
| | | 0203-1001-HB-BR | СООК | 137 | 118 |
| | | | CONTRAC | T NO. 6 | 52F29 |
| S-38 SHEETS | ILLINOIS FED. AID PROJECT | | | | |
| | | | | | |



PLOT DATE = 5/23/2019

CHECKED - BMS

REVISED

SHEET NO. S-35 OF S

GENERAL NOTES

SPECIFICATIONS:

DESIGN: AASHTO Standard Specifications for Structural Supports for (2)Highway Signs, Luminaires and Traffic Signals. ("AASHTO Specifications")

CONSTRUCTION: Current (at time of letting) Illinois Department of Transportation Standard Specifications for Road and Bridge Construction, Supplemental Specifications and Special Provisions. ("Standard Specifications")

LOADING: 90 M.P.H. WIND VELOCITY

WALKWAY LOADING: Dead load plus 500 lbs. concentrated live load.

MINIMUM CLEARANCE: 3" greater than bridge members at all locations. (All Obstructions)

WELDING: All welds to be continuous unless otherwise shown. All welding to be done in accordance with current AWS D1.1 Structural Welding Code (Steel) and the Standard Specificiations.

MATERIALS: All Structural Steel Pipe shall be ASTM A53 Grade B with a minimum yield of 35,000 p.s.i., or A500 Grade B or C with a minimum yield of 46,000 p.s.i. If A500 pipe is substituted for A53, then the outside diameter shall be as detailed and wall thickness greater than or equal to A53. All Structural Steel Plates and Shapes shall conform to AASHTO M270 Gr. 36, Gr. 50 (M183, M223 Gr. 50,).

HIGH STRENGTH BOLTS: All bolts, washers, nuts and locknuts shall satisfy the requirements of ASTM designation A307 unless noted as "H.S." which shall require AASHTO M164 (A325), ASTM A449, or approved alternate. All fasteners shall be hot dip galvanized per AASHTO M232 unless otherwise specified.

GALVANIZING: All Steel Grating, Plates, Shapes and Pipe shall be Hot Dip Galvanized after fabrication in accordance with AASHTO M111. Painting is not permitted.

ANCHOR RODS: All-threaded rod shall conform to ASTM F1554 Grade 105, $\frac{3}{4}$ " Ø x 12" long, each with one plate washer and locknut and be hot dip galvanized per AASHTO M232. They shall be either cast into the concrete or epoxy grouted in accordance with Section 584 of the Standard Specifications. Minimum embedment in concrete shall be 9".

Steel Grating See Detail D

Safety Chain

-

_

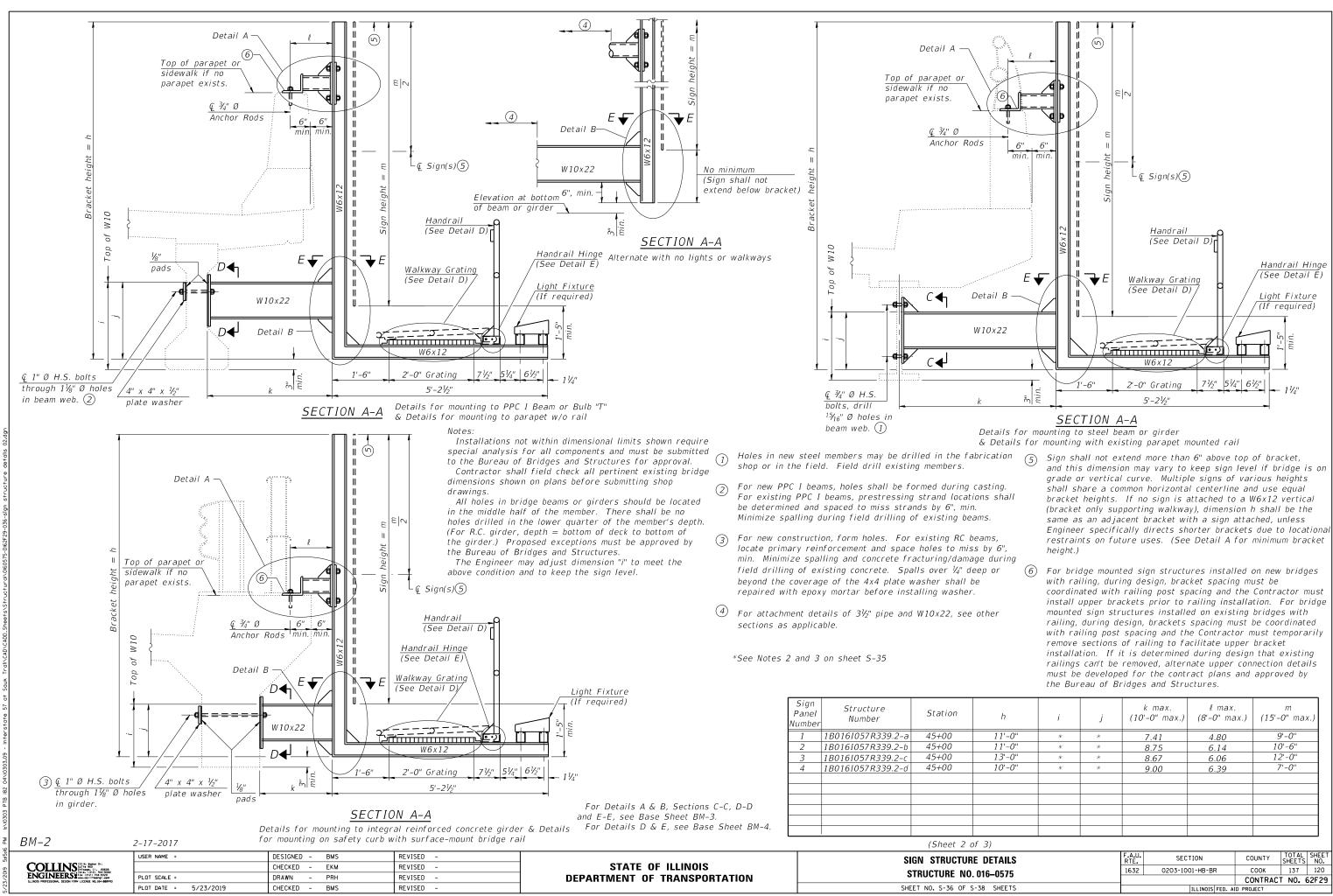
- * (1)Bracket spacing g ≤ 6'-0", max. Spacing shall be uniform if possible but may vary $\pm 6''$ to miss existing obstruction (rail post, light poles, web stiffeners, splice plates, etc.). Adjust bracket lengths accordingly on skewed structures.
- (2) Any design modifications shall be based on the current version of applicable specifications and submitted for the Engineer's approval.
- ** (3) Unit price includes grating, handrail, brackets, supports, anchor bolts, fasteners, fabrication, delivery, erection, field drilling and other necessary items. Limits of payment are based on grating length (cw, dw) unless otherwise specified. For Safety Chain Details and Details D, F and G, see Base Sheet BM-4.
- (4) If walkway bracket at safety chain location is behind sign, add angle to bracket. See detail on Base Sheet BM-4.

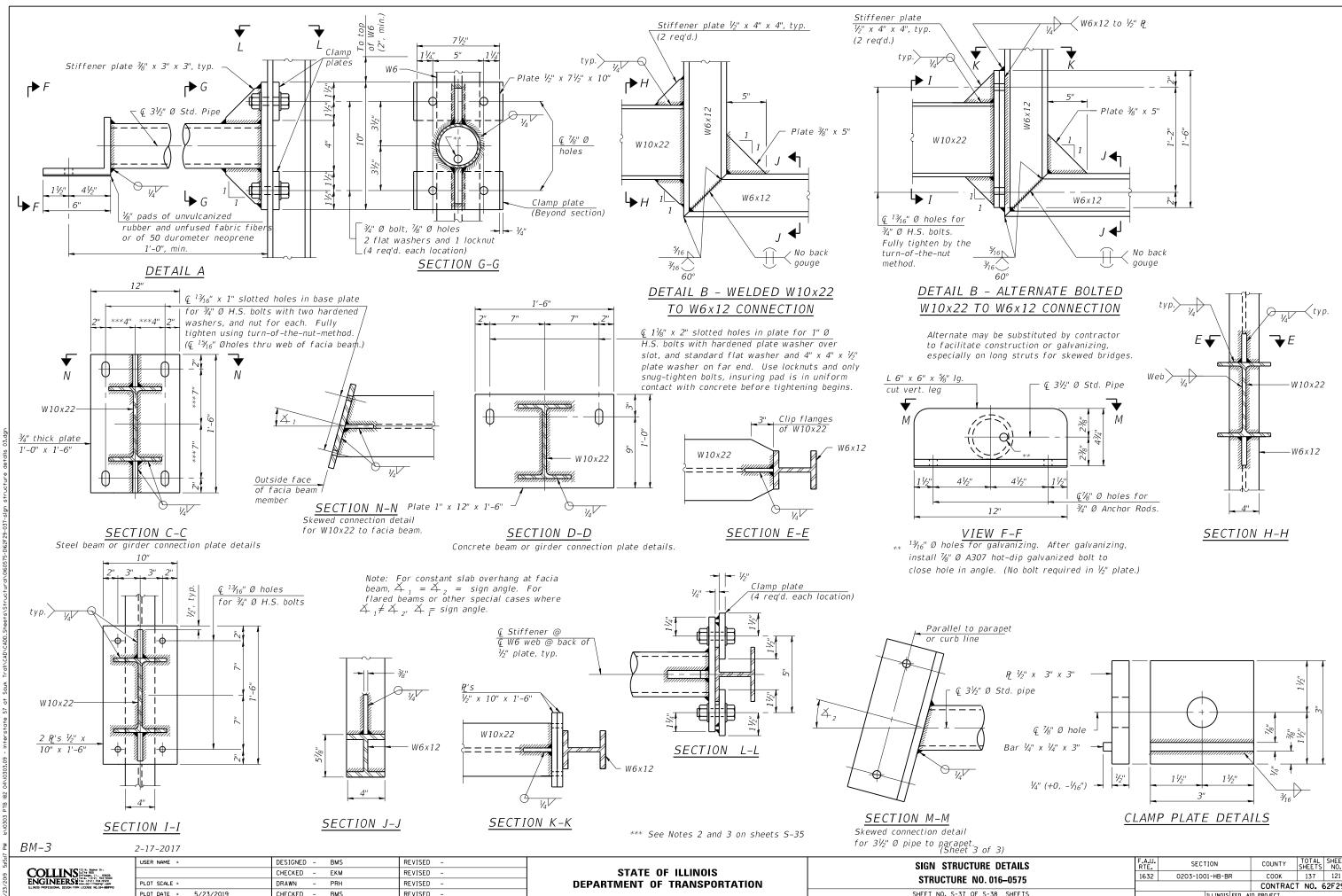
| ** ③OVERHEAD SIGN STRUCTURE- BRIDGE MOUNTED | Foot | 71 |
|---|------|----|
| REMOVE OVERHEAD SIGN STRUCTURE- BRIDGE MOUNTED | Each | 4 |

* See Notes 2 and 3 on this sheet. ** See Notes 4 and 5 on this sheet.

(Sheet 1 of 3)

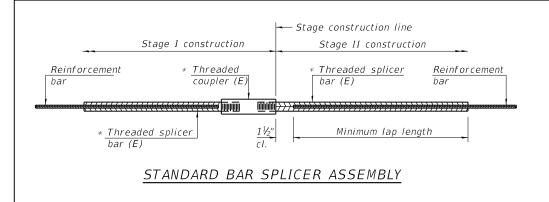
| (5)/661 1 6/ 5/ | | | | | |
|-----------------|---------------------------|-----------------|---------|-----------------|--------------|
| E DETAILS | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| . 016–0575 | | 0203-1001-HB-BR | СООК | 137 | 119 |
| . 010-0373 | | | CONTRAC | T NO. 6 | 52F29 |
| -38 SHEETS | ILLINOIS FED. AID PROJECT | | | | |
| | | | | | |





SHEET NO. S-37 OF

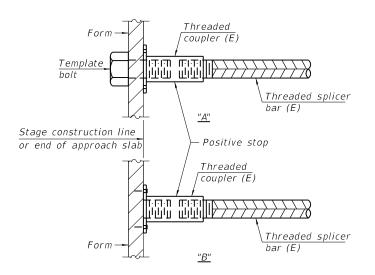
| of 3) | | | | | |
|-------------|----------------|--------------------------|---------|-----------------|--------------|
| RE DETAILS | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|). 016–0575 | 1632 | 0203-1001-HB-BR | СООК | 137 | 121 |
| . 010-0373 | | | CONTRAC | T NO. 6 | 52F29 |
| S-38 SHEETS | | ILLINOIS FED AID PROJECT | | | |



Threaded splicer bar length = min. lap length + $1\frac{1}{2}$ " + thread length

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

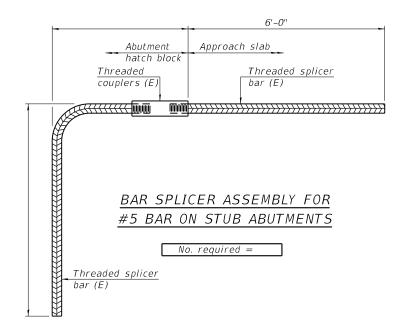
| Location | Bar | No. assemblies | Minimum |
|--------------------------|------|----------------|------------|
| Location | size | required | lap length |
| Main Span | #5 | 521 | 3'-6" |
| Vaulted Span | #5 | 49 | 4'-0'' |
| Vaulted Span | #8 | 61 | 7'-10" |
| Approach Slab | #5 | 45 | 3'-4" |
| Approach Slab | #8 | 60 | 4'-9'' |
| Approach Slab Footing | #5 | 40 | 3'-0" |
| Abutments | #5 | 40 | 3'-7" |



INSTALLATION AND SETTING METHODS

"A" : Set bar splicer assembly by means of a template bolt.

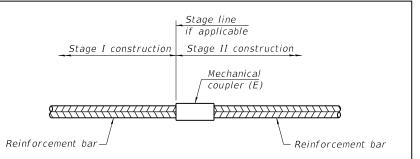
"B" : Set bar splicer assembly by nailing to wood forms or cementing to steel forms. (E) : Indicates epoxy coating.



RSD-1

2-17-2017

| | 2-17-2017 | | | | | | | | |
|--|-----------------------|----------------|--|---|---|---|---|---|---|
| | USER NAME = | DESIGNED - BMS | REVISED - | | BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS | F.A.U. RTF | SECTION | COUNTY | TOTAL SHEET |
| | | CHECKED - EKM | REVISED - | STATE OF ILLINOIS | | 1632 | 0203-1001-HB-BR | соок | 137 122 |
| NGINEERS # var. (312) Tol-9320 LINDIS PROFESSIONAL DESIGN FIRM LICENSE NO. 184-880993 | PLOT SCALE = | DRAWN - PRH | REVISED - | DEPARTMENT OF TRANSPORTATION | SIRUCIURE NU. 016-05/5 | | | CONTRACT | T NO. 62F29 |
| | PLOT DATE = 5/23/2019 | CHECKED - BMS | REVISED - | | SHEET NO. S-38 OF S-38 SHEETS | | ILLINOIS FED. A | D PROJECT | |
| | | USER NAME = | USER NAME DESIGNED BMS COLLINS Discourse CHECKED - EKM NGINEERS PLOT SCALE DRAWN - PRH | USER NAME = DESIGNED - BMS REVISED - COLLINS EXEMPTION CHECKED - EKM REVISED - NGINEERS File of the state of the | USER NAME = DESIGNED - BMS REVISED - COLLINS BMS REVISED - STATE OF ILLINOIS NGINEERS PLOT SCALE = DRAWN - PRH REVISED - DEPARTMENT OF TRANSPORTATION | USER NAME = DESIGNED - BMS REVISED - State of illinois COLLINS CHECKED - EKM REVISED - State of illinois BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS NGINEERS Destructure interestion interestination interestion interestion interestion interestion interestination interestinatinterestinterestination interestinatinterestination int | USER NAME = DESIGNED - BMS REVISED - State of illinois COLLINS in restrict r | USER NAME = DESIGNED - BMS REVISED - ACU- SECTION COLLINS (1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1, 1 | USER NAME = DESIGNED - BMS REVISED - COUNTY COLLINS IN SUM OF THE DESIGNED IN THE |



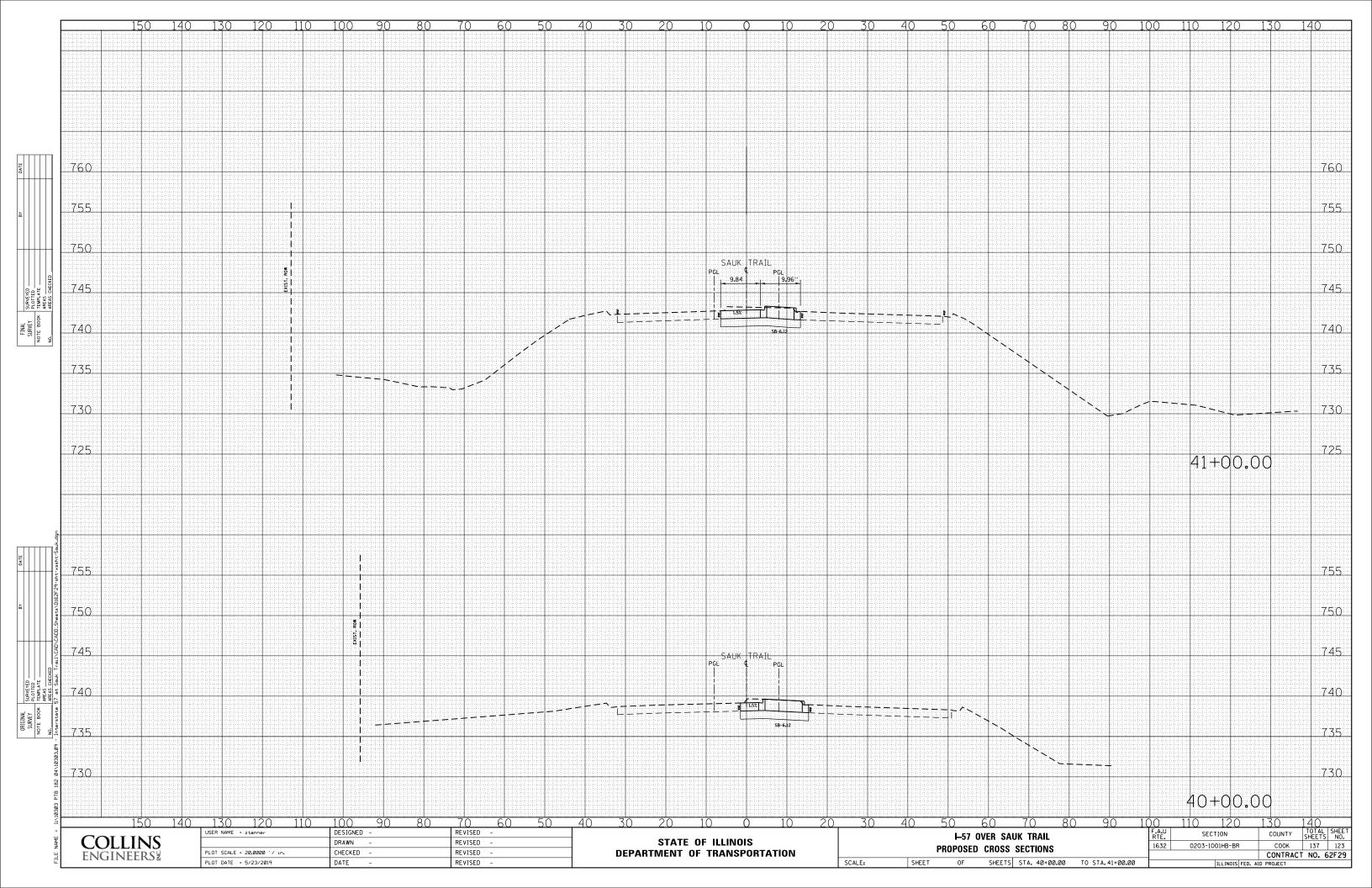
STANDARD MECHANICAL SPLICER

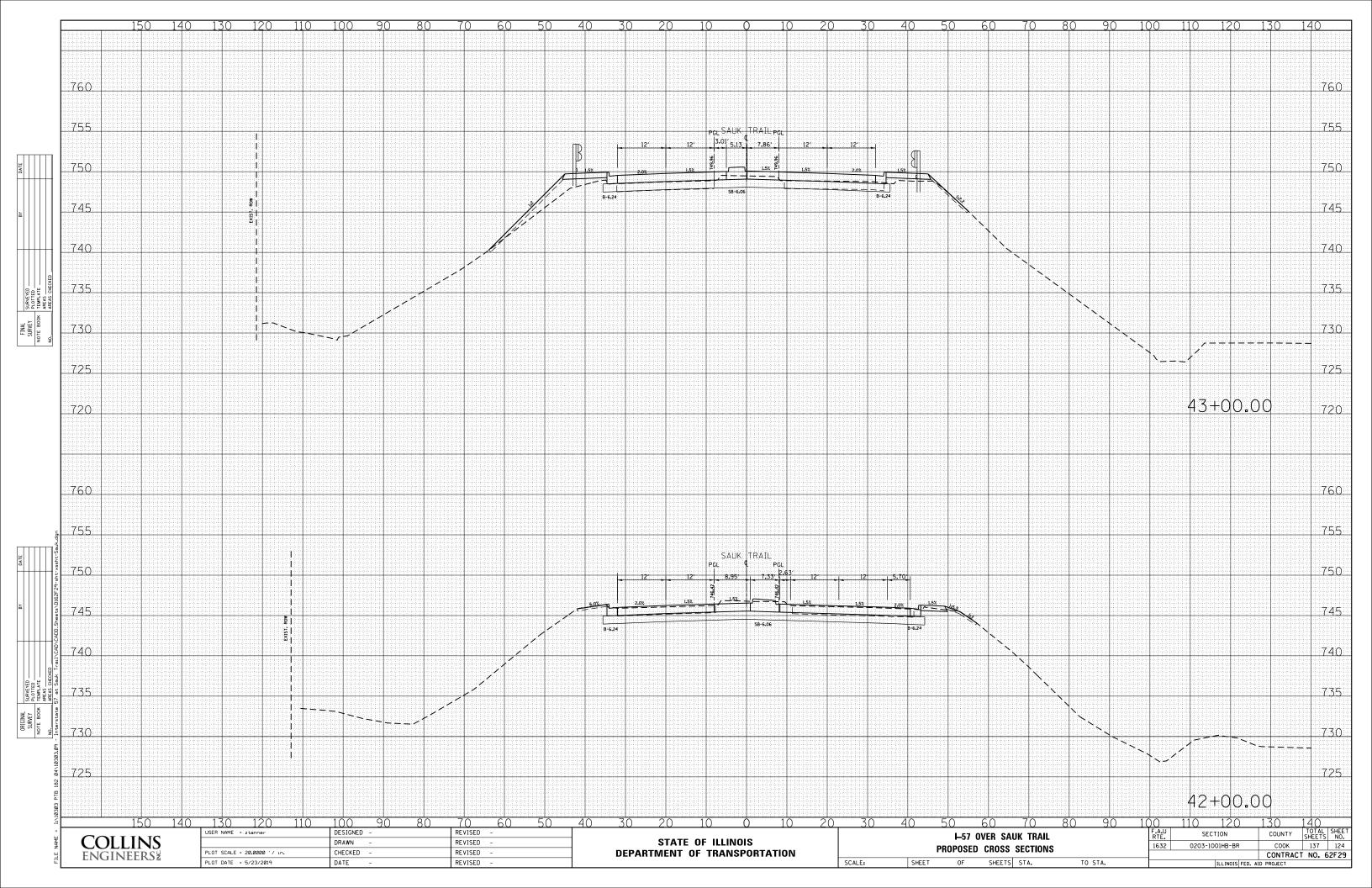
| Location | Bar size | No. assemblies required |
|----------|-------------|----------------------------|
| | | |
| | | |
| | | |
| | | |
| | | |

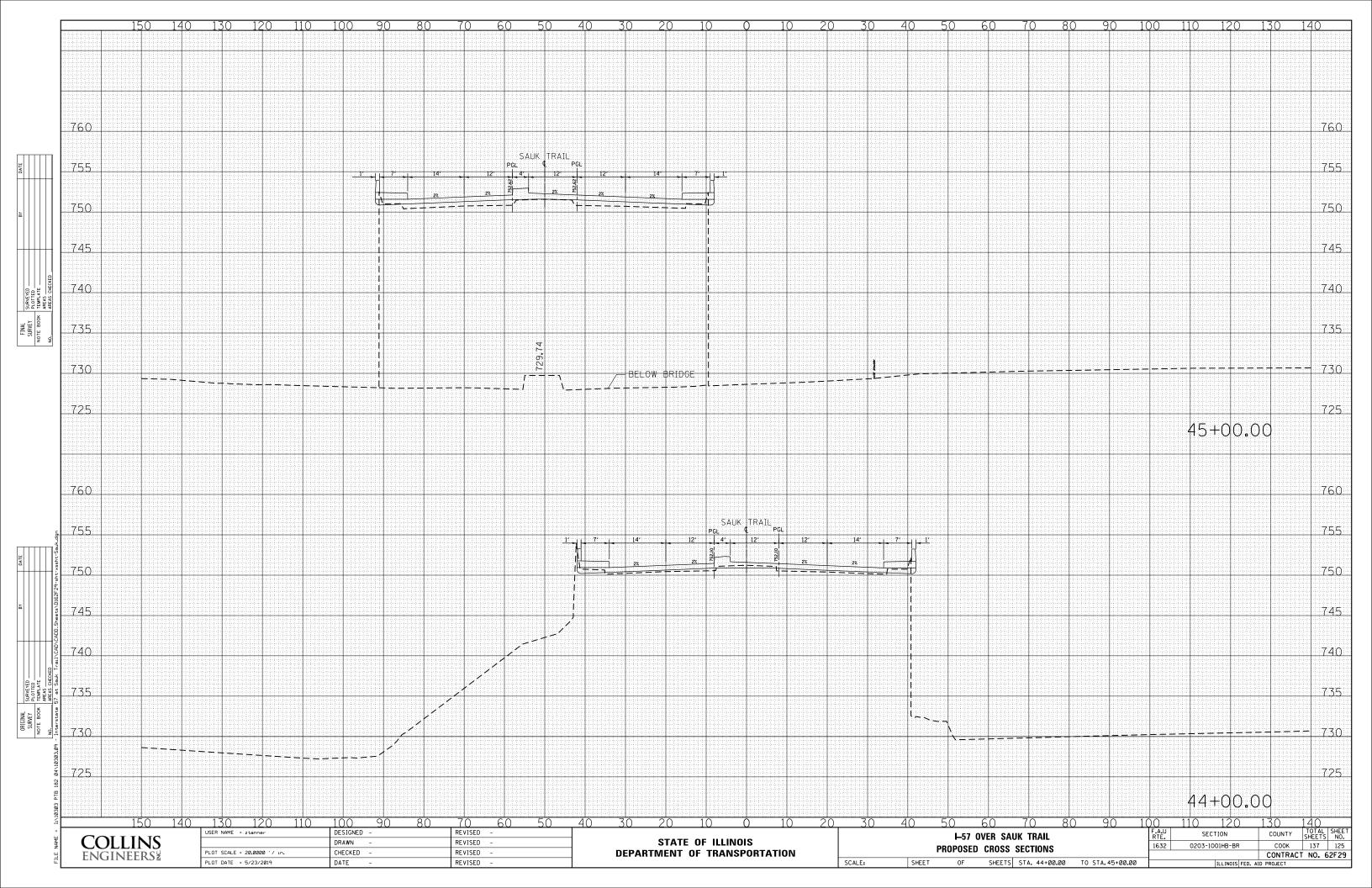
NOTES

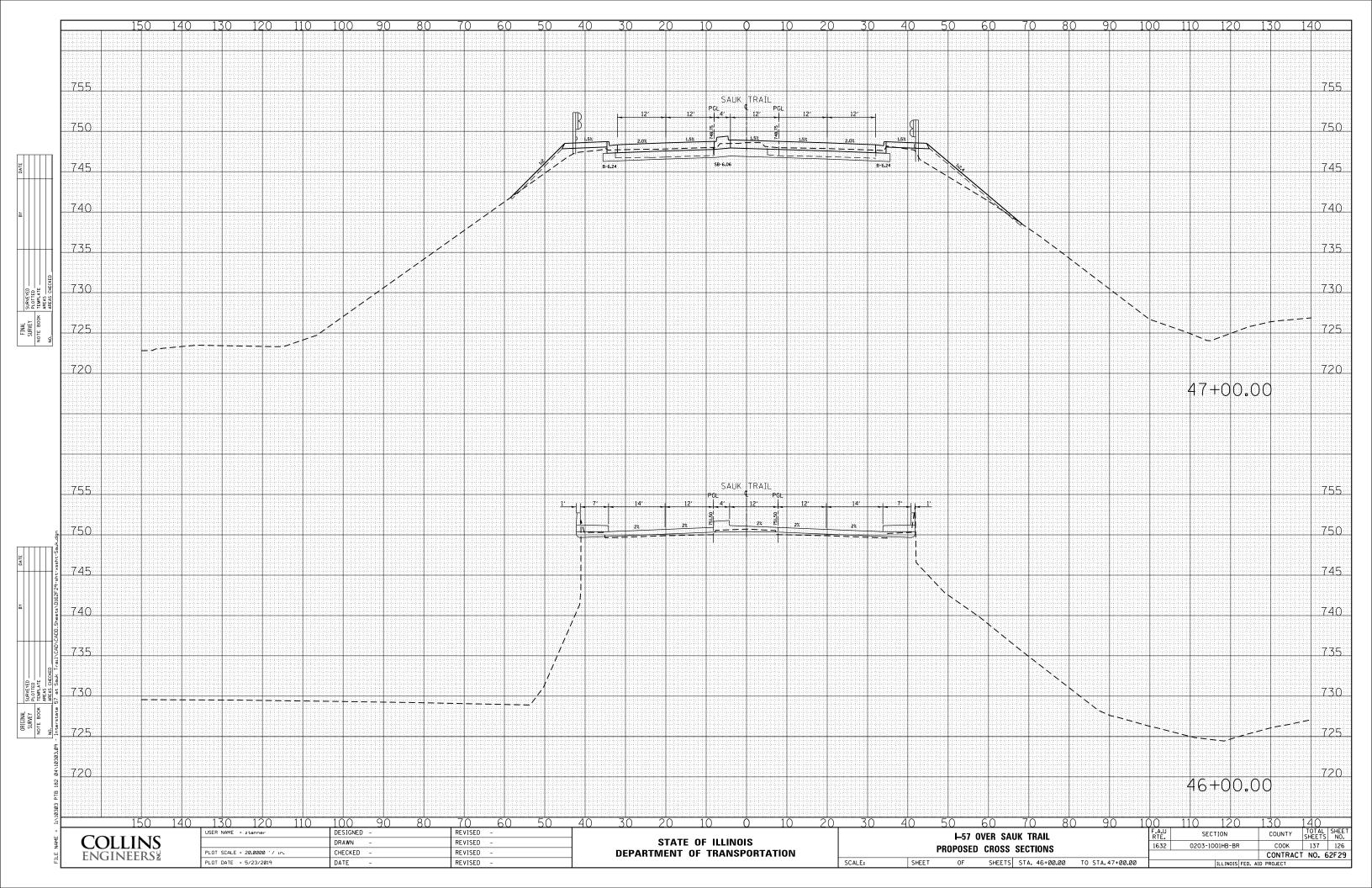
Splicer bars shall be deformed with threaded ends and have a minimum 60 ksi yield strength.

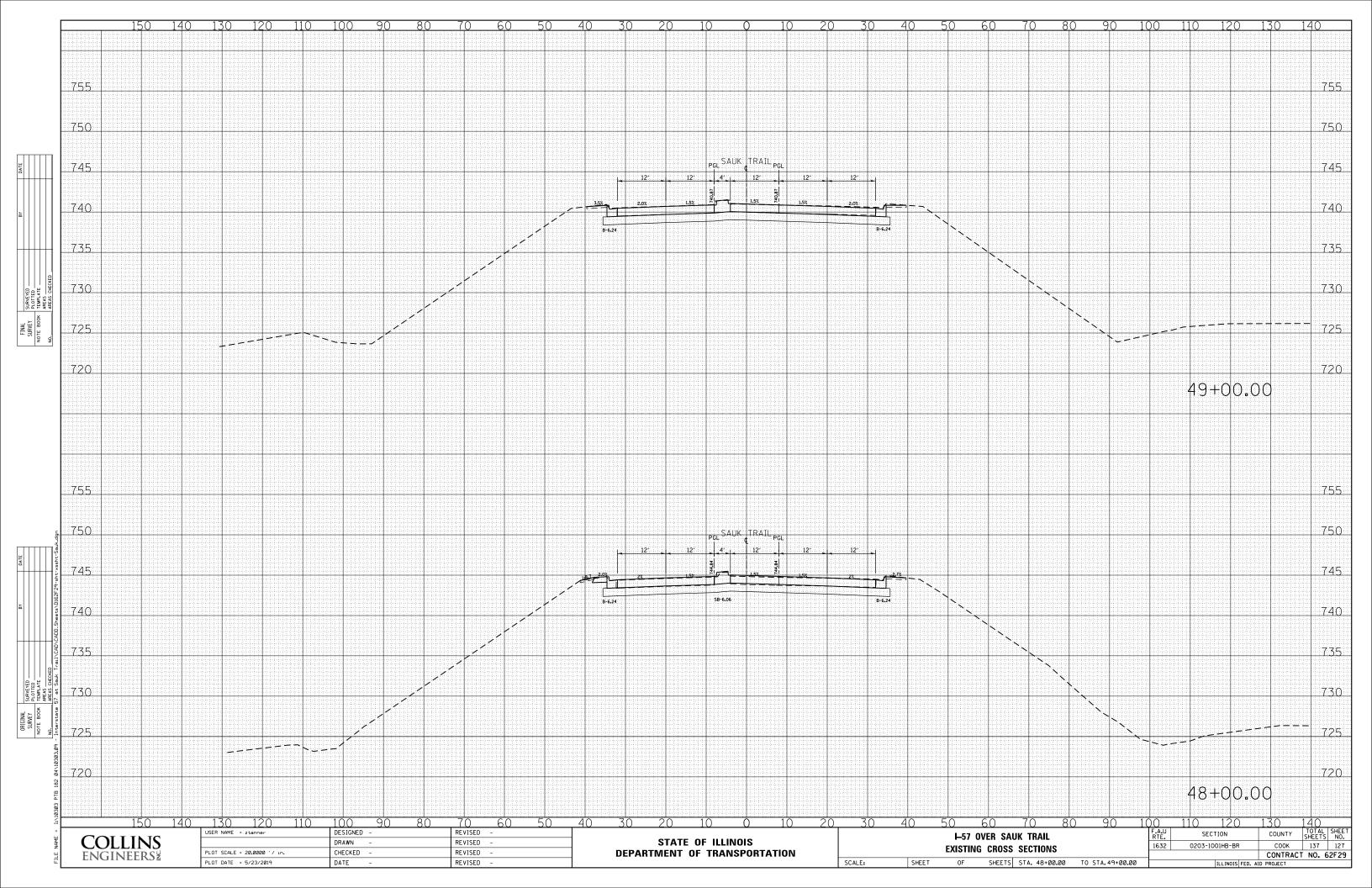
All reinforcement shall be lapped and tied to the splicer bars. Bar splicer assemblies shall be epoxy coated according to the requirements for reinforcement bars. See Section 508 of the Standard Specifications. See approved list of bar splicer assemblies and mechanical splicers for alternatives.

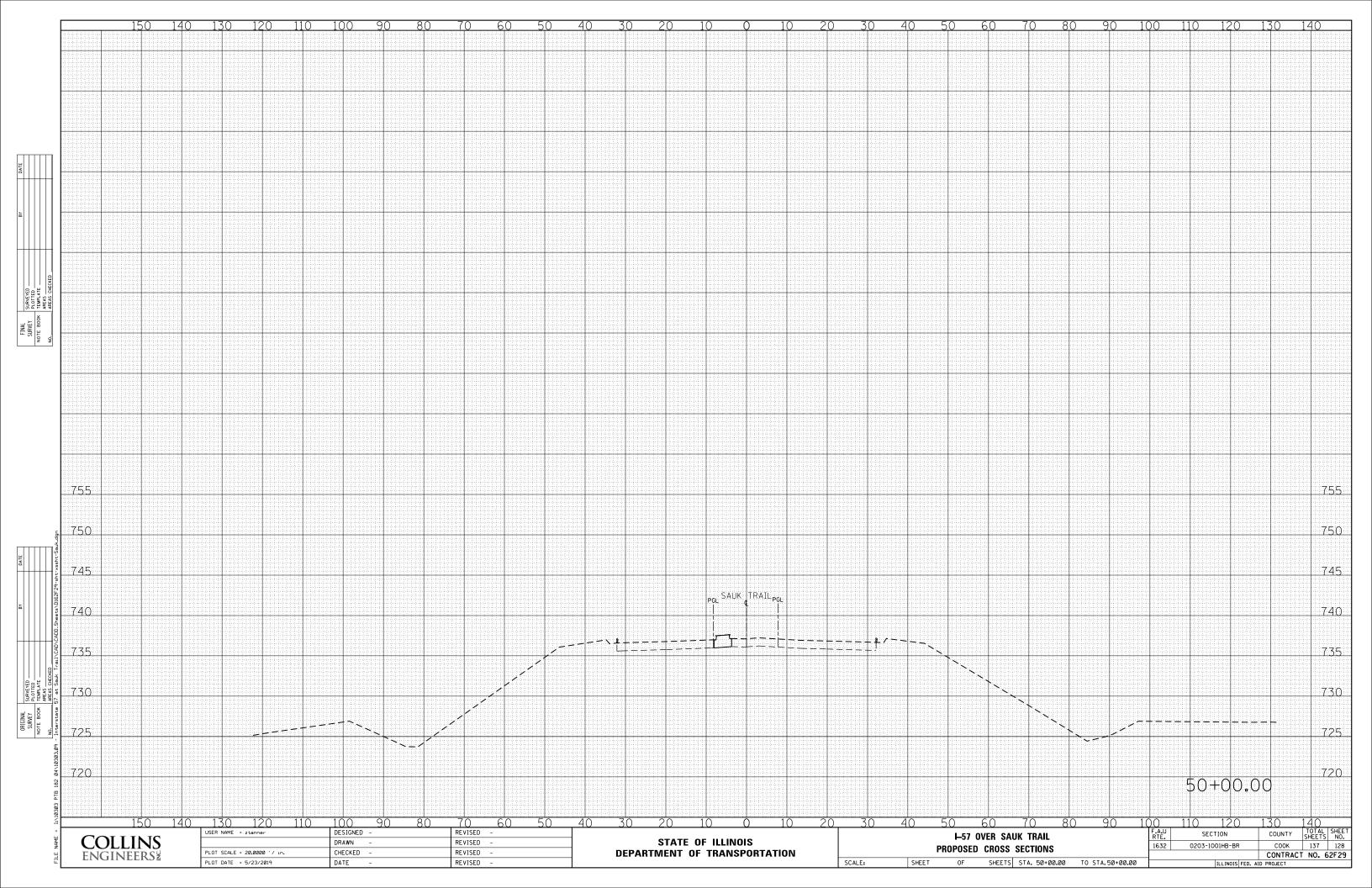












NOTES :

SCALE: NONE

- 1. THE ROUNDOUT AND ADDED REINFORCEMENT WILL NOT BE PAID SEPARATELY,
- TO EDGE OF PAVEMENT.
- 4. ALL REINFORCED BARS SHALL BE EPOXY COATED.
- FRAMES FILLED WITH NON SHRINK GROUT.
- 7. HOOP REINFORCEMENT SHALL BE ONE PIECE CONSTRUCTION.
- 8. CIRCULAR FRAMES AND GRATES MAY BE SUBSTITUTED.
- 9. CURB DOWELS MUST BE PLACED LEVEL & TRUE TO ALLOW CONTRACTION MOVEMENT.

| FRAME EXTENSION INTO PAVEMENT | INNER HOOP REINFORCEMENT DIAMETER | SEMI CIRCULAR FORM DIAMETER | OUTER HOOP REINFORCEMENT DIAMETER |
|----------------------------------|---|--------------------------------|---|
| UP TO 8" (200) | 3'-6'' (1_1 m) | 4'-0'' (1 <u>-</u> 2 m) | 5'-0'' (1. 5 m) |
| > 8″ (200) TO 14″ (360) | 4'-0'' (1 . 2 m) | 4'-6'' (1.4 m) | 5'-0'' (1.5 m) |

THIS DETAIL IS TO BE USED WHEN THE GUTTER FLAG IS

LOT SCALE = 50.0000 '/ IN.

PLOT DATE = 1/4/2008

CHECKED

DATE

A. ABBAS

01-04-99

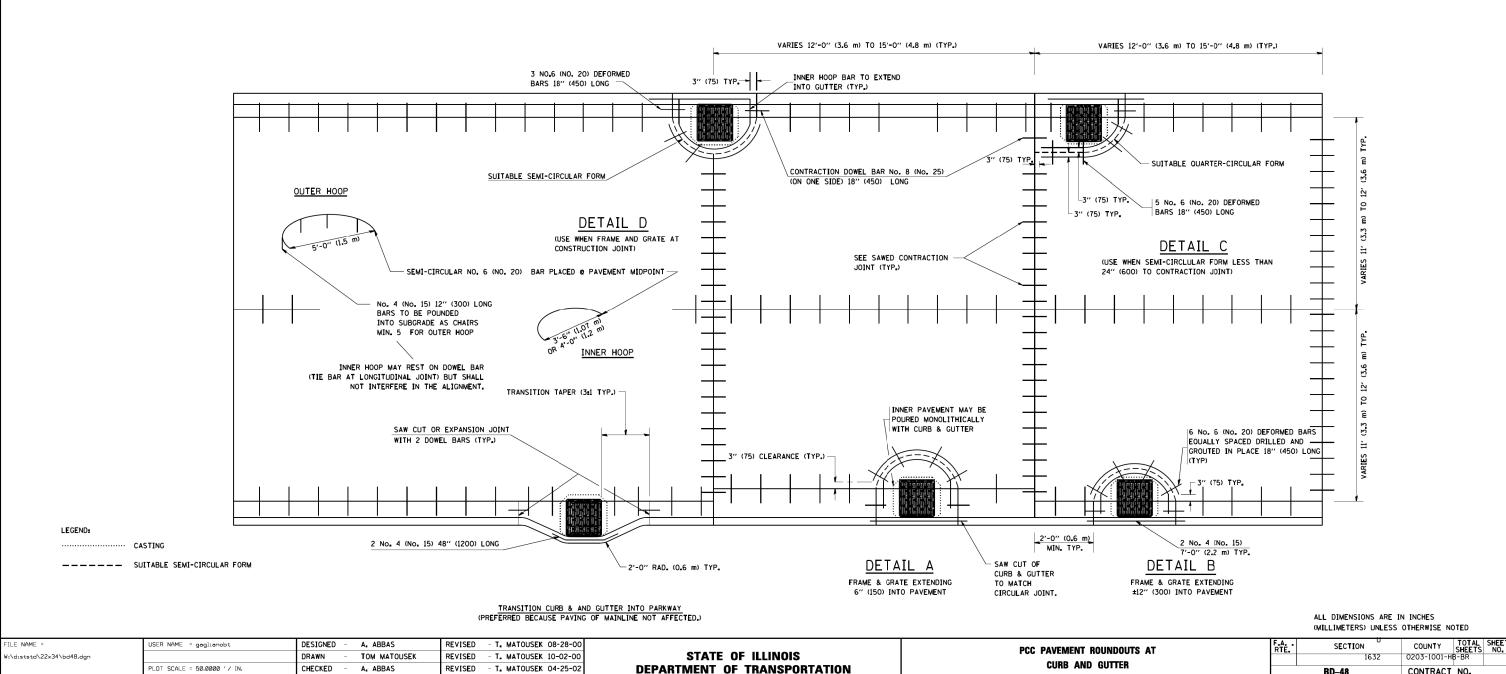
REVISED

REVISED

- P. LAFLEUR 08-27-02

DESIGNER NOTE:

LESS THAN 24"



BUT SHALL BE INCLUDED IN THE CONTRACT UNIT PRICE FOR THE PAVEMENT.

2. TRANSVERSE JOINTS MAY BE MOVED TO ACCOMMODATE ROUNDOUT, EDGE OF CIRCULAR JOINT SHALL BE MINIMUM 12" (300) FROM TRANSVERSE JOINT. RELOCATED TRANSVERSE JOINT SHALL BE CONTINUOUS FROM EDGE OF PAVEMENT

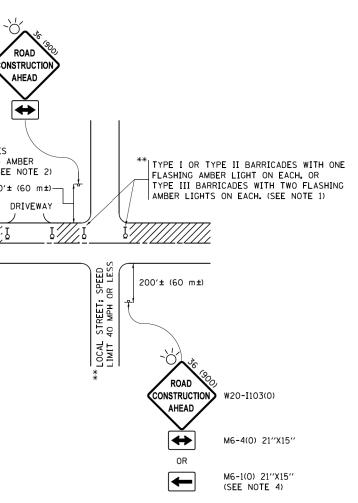
3. SEMI-CIRCULAR FORM SHALL BE REMOVED PRIOR TO DRILL AND GROUT OF THE BARS.

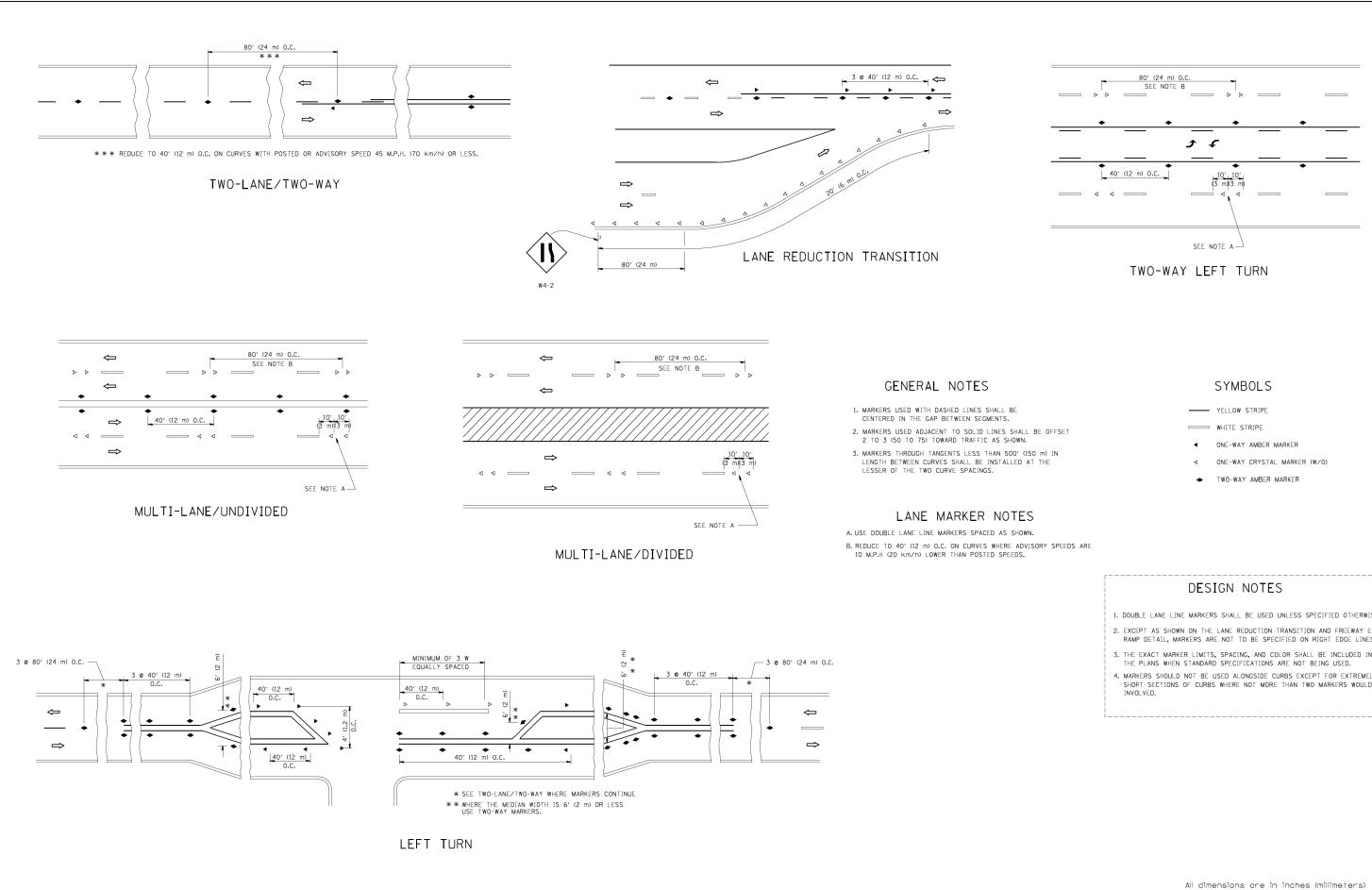
5. DRILL AND GROUT IS PREFERRED, HOWEVER TIE BARS CAN BE POURED IN PLACE IF CLEARANCE IS PROVIDED TO OUTER EDGE OF FRAME. MINIMUM 2" (50) CLEARANCE.

6. WOOD SHIMS SHALL BE USED TO ADJUST ALL FRAMES. AFTER ADJUSTING MORTAR HAS CURED, THE WOOD SHIMS SHALL BE REMOVED AND THE VOIDS UNDER THE

BD-48 CONTRACT NO. SHEET NO. 1 OF 1 SHEETS STA. TO STA. FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT

| | ROAD TYPE II BARRICADES WITH ONE FLASHING AMBER LIGHT ON EACH, OR TYPE II BARRICADES WITH TWO FLASHING WITH TWO FLASHING AMBER LIGHT ON EACH, OR TYPE II BARRICADES WITH TWO FLASHING MBER LIGHTS ON EACH, USER NOTE 1) DRIVEWAY DRI |
|--|--|
| | NOTES: |
| | 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: ONE "ROAD CONSTRUCTION AHEAD" SIGN 36 x 36 (900x900) WITH A FLASHER MOUNTED ON IT APPROXIMATELY 200° (50 m) IN A0VANCE OF THE MAIN ROUTE. 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. SIDE ROAD WITH A SPEED LIMIT GREATER THAN 40 MPH (60 km/h) AS SHOWN ON THE DRAWING AND AS DIRECTED BY THE ENGINEER: 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. THE CLOSED PORTION OF THE MAIN ROUTE SHALL BE PROTECTED BY BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE ENGINEER: 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. 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. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT. WHEN THE SIDE ROAD LIES BETWEEN THE BEGINNING OF THE MAINLINE SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (MG-1). SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (MG-1). |
| FILE NAME = USER NAME = footemj DESIGNED - L.H.A. REVISED - A. HOUSEH 10-15-96 pwt\\LL084EBIDINTEG.illnois.gov#PWIDOT\0 cuments\IDOT Offices\District 1\Projects\District 0Fices\District 0CHCKED - REVISED - A. HOUSEH 10-15-96 PLOT SCALE = 50.000 '/ in. CHECKED - REVISED - A. SCHUETZE 07-01-13 Defoult PLOT DATE = 9/15/2016 DATE - 06-89 REVISED - A. SCHUETZE 09-15-16 | All dimensions are in inches (millimeters) Unless otherwise shown. All dimensions are in inches (millimeters) Unless otherwise shown. STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA. All dimensions are in inches (millimeters) Unless otherwise shown. SECTION SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA. All dimensions are in inches (millimeters) Unless otherwise shown. SECTION SECTION SECTIO |

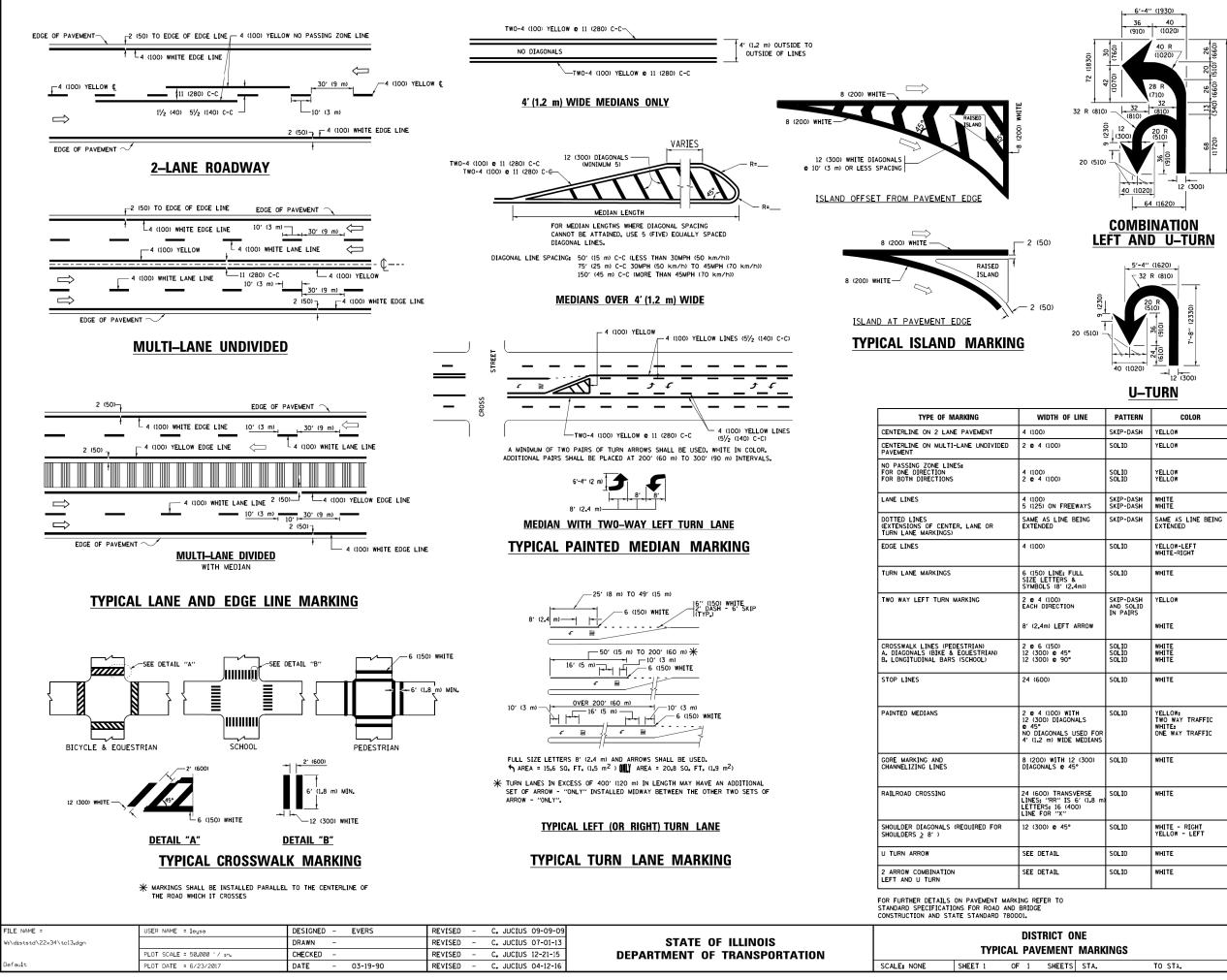


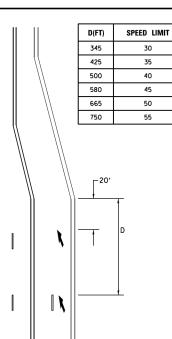


| Γ | FILE NAME = | USER NAME = leysa | DESIGNED - | REVISED - T. RAMMACHER 09-19-94 | | | | F.A.U. RTE. | SECTION | COUNTY TOTAL SHEET SHEETS NO. |
|---|---|----------------------------|------------|---------------------------------|------------------------------|--|--------------------------------------|----------------|-----------------------------|----------------------------------|
| | c:\pw_work\pwidot\leysa\d0108315\tc11.dgn | | DRAWN - | REVISED -T. RAMMACHER 03-12-99 | STATE OF ILLINOIS | - | | 1632 | 0203-1001-HB-BR | COOK 137 131 |
| | | PLOT SCALE = 50.000 '/ IN. | CHECKED - | REVISED -T. RAMMACHER 01-06-00 | DEPARTMENT OF TRANSPORTATION | TYPICAL APPLICATIONS RAISED REFLECTIVE PAVEMENT MARKERS (SNOW-PLOW RESISTANT) SCALE: NONE SHEET NO. 1 OF 1 SHEETS STA. TO STA. | I) | TC-11 | CONTRACT NO. 62F29 | |
| | | PLOT DATE = 3/2/2011 | DATE - | REVISED - C. JUCIUS 09-09-09 | | SCALE: NONE | SHEET NO. 1 OF 1 SHEETS STA. TO STA. | FED. RO | AD DIST. NO. 1 ILLINOIS FEE | D. AID PROJECT |

1. DOUBLE LANE LINE MARKERS SHALL BE USED UNLESS SPECIFIED OTHERWISE. 2. EXCEPT AS SHOWN ON THE LANE REDUCTION TRANSITION AND FREEWAY EXIT RAMP DETAIL, MARKERS ARE NOT TO BE SPECIFIED ON RIGHT EDGE LINES. 3. THE EXACT MARKER LIMITS, SPACING, AND COLOR SHALL BE INCLUDED IN THE PLANS WHEN STANDARD SPECIFICATIONS ARE NOT BEING USED. 4. MARKERS SHOULD NOT BE USED ALONGSIDE CURBS EXCEPT FOR EXTREMELY SHORT SECTIONS OF CURBS WHERE NOT MORE THAN TWO MARKERS WOULD BE

unless otherwise shown.





LANE REDUCTION TRANSITION

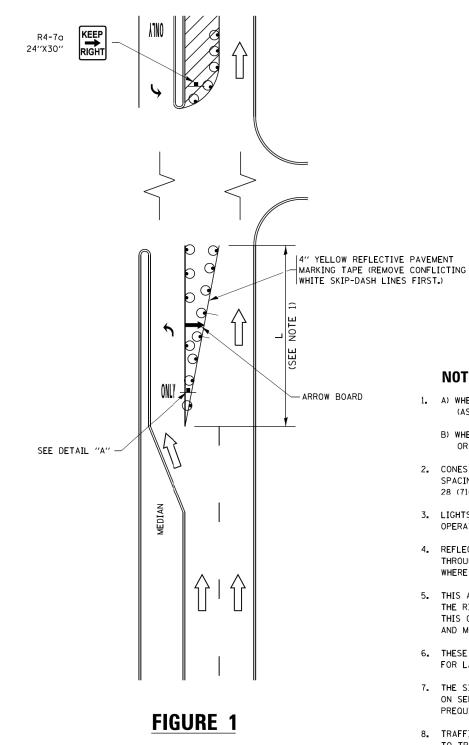
LANE REDUCTION ARROWS REQUIRED AT SPEEDS OF 45 MPH OR GREATER OR WHEN SPECIFIED IN PLANS.

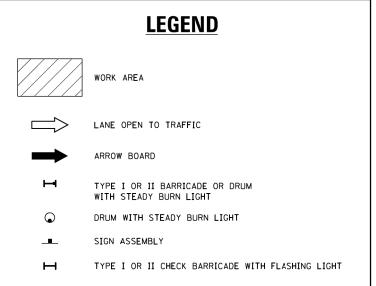
| F LINE | PATTERN | COLOR | SPACING /REMARKS |
|--------------------------------|------------------------------------|---|---|
| | SKIP-DASH | YELLOW | 10' (3 m) LINE WITH 30' (9 m) SPACE |
| | SOLID | YELLOW | 11 (280) C-C |
| | SOLID SOLID | YELLOW YELLOW | 5½ (140) C-C FROM SKIP-DASH CENTERLINE 11 (280) C-C OMIT SKIP-DASH CENTERLINE BETWEEN |
| EEWAYS | SKIP-DASH SKIP-DASH | WHITE WHITE | 10' (3 m) LINE WITH 30' (9 m) SPACE |
| BEING | SKIP-DASH | SAME AS LINE BEING EXTENDED | 2' (600) LINE WITH 6' (1.8 m) SPACE |
| | SOLID | YELLOW-LEFT WHITE-RIGHT | OUTLINE MEDIANS IN YELLOW |
| FULL & 2.4m)) | SOLID | WHITE | SEE TYPICAL TURN LANE MARKING DETAIL |
| ON ARROW | SKIP-DASH AND SOLID IN PAIRS | YELLOW | 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 |
| o 0 | 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. |
| | SOLID | WHITE | PLACE 4' (1,2 m) IN ADVANCE OF AND PARALEL TO CROSSWALK, IF PRESENT, OTHERWISE, PLACE AT DESIRED STOPPING POINT, PARALLEL TO CROSSROAD CENTERLINE, WHERE POSSIBLE |
| USED FOR E MEDIANS | SOLID | YELLOW: TWO WAY TRAFFIC WHITE: ONE WAY TRAFFIC | 11 (280) C-C FOR THE DOUBLE LINE SEE TYPICAL PAINTED MEDIAN MARKING. |
| 12 (300) 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)) |
| ISVERSE S 6′(1.8 m) 400) | SOLID | WHITE | SEE STATE STANDARD 780001 AREA OF: "R"=3.6 SO. FT. (0.33 m ²) EACH "X"=54.0 SO. FT. (5.0 m ²) |
| • | 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 (0VER 45MPH (70 km/h)) |
| | SOLID | WHITE | 16.3 SF |
| | SOLID | WHITE | 30.4 SF |

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

| ONE NT MARKINGS | | F.A.U RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | | |
|--------------------|------|---------------|-----------------|---------------------------|-----------------|--------------|--|--|--|
| | | 1632 | 0203-1001-HB-BR | СООК | 137 | 132 | | | |
| | | | TC-13 | CONTRACT | NO. 6 | 2F29 | | | |
| TS S | STA. | TO STA. | | ILLINOIS FED. AID PROJECT | | | | | |

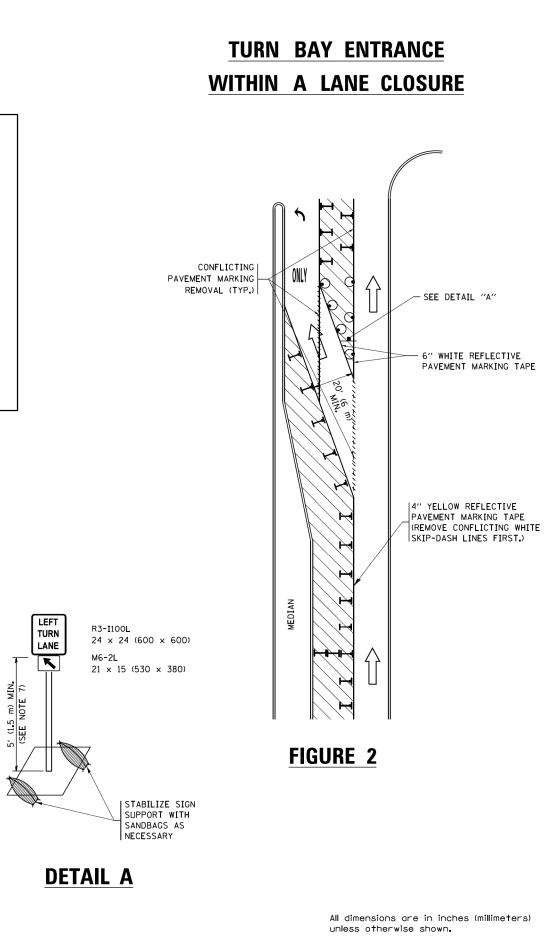
TURN BAY ENTRANCE AT START **OF LANE CLOSURE TAPER**



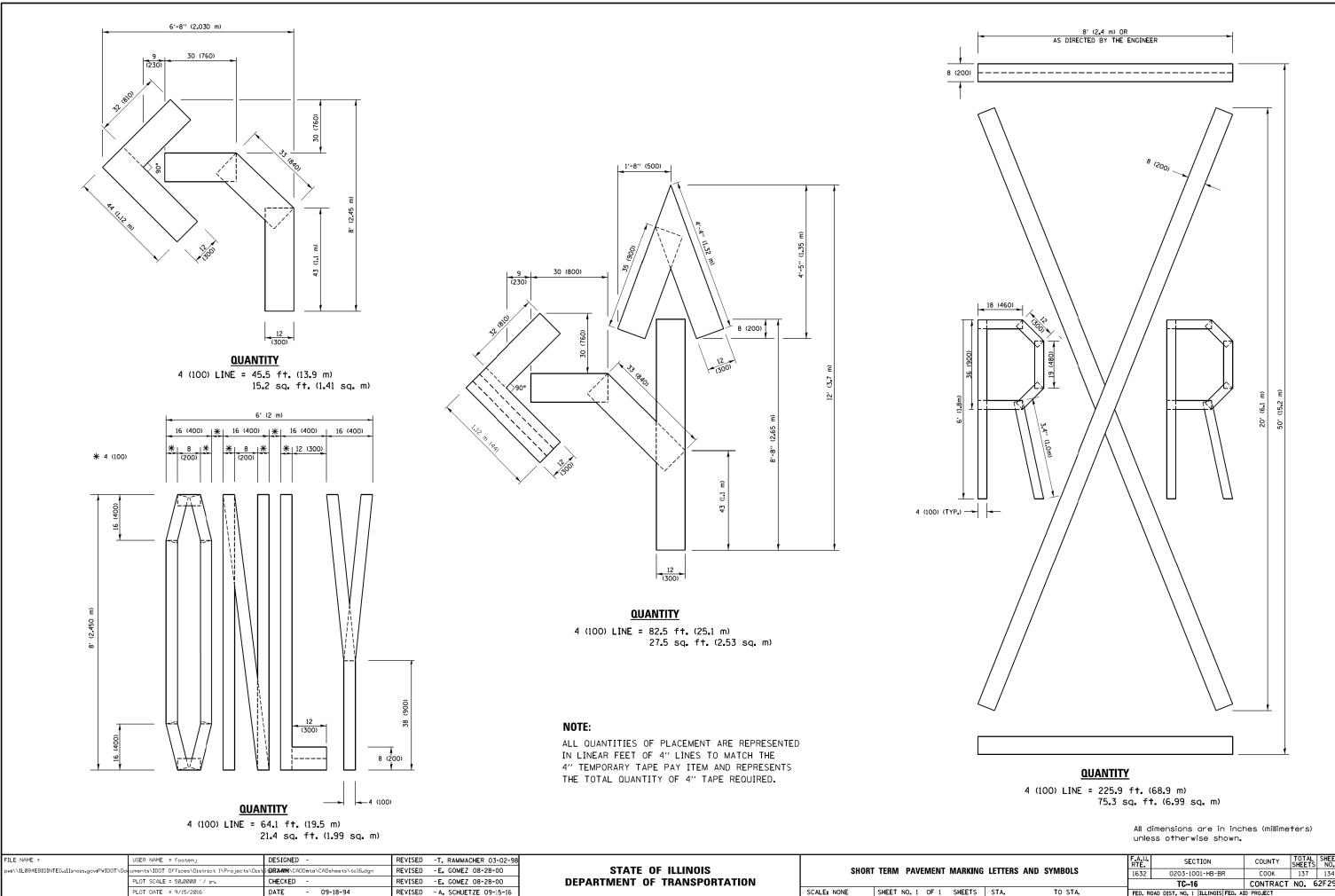


NOTES:

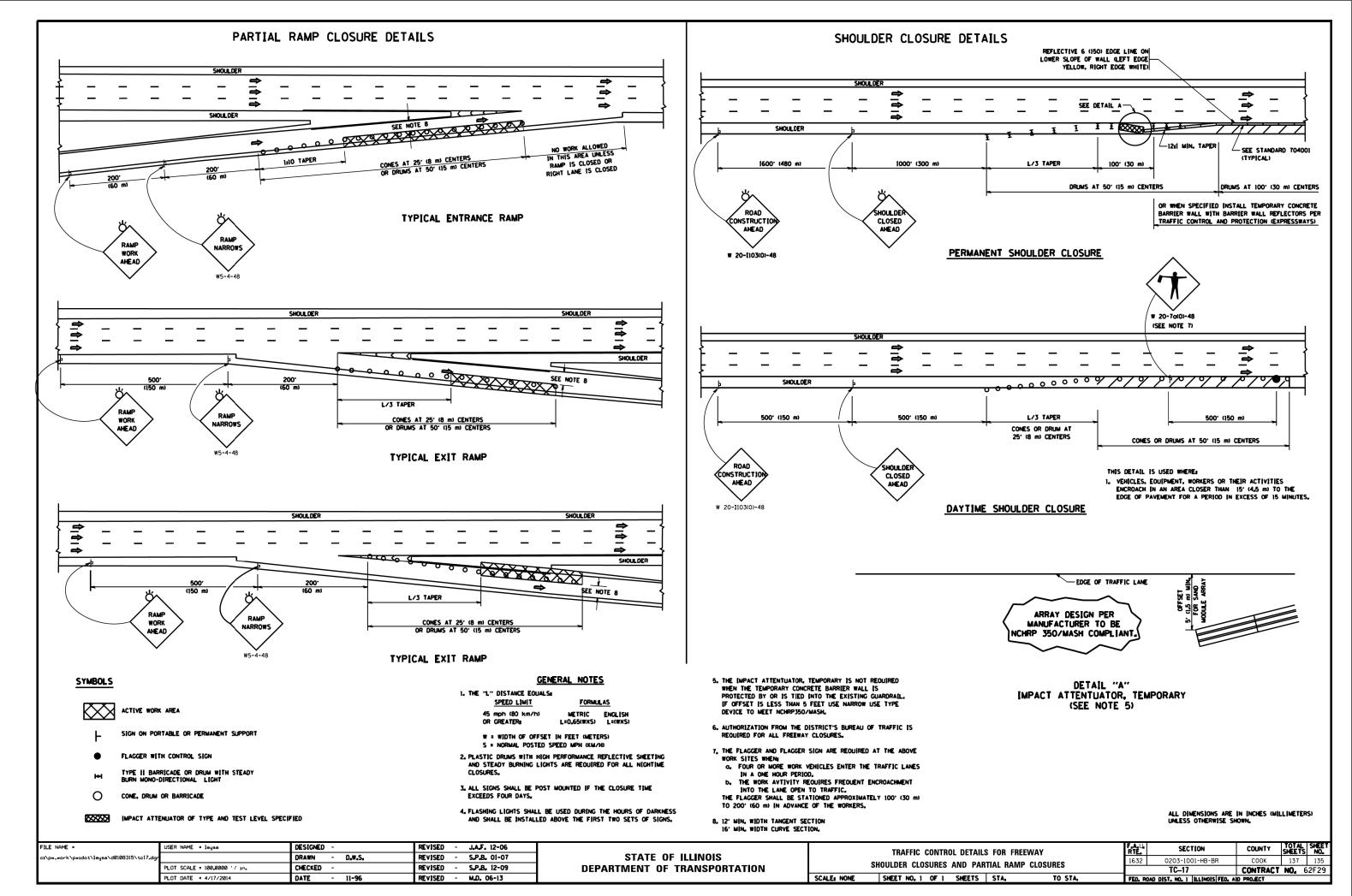
- 1. A) WHEN "L" IS ≤ THE STORAGE LENGTH OF THE TURN LANE (AS SHOWN IN FIG. 1), USE FIGURE 1.
 - B) WHEN "L" IS > THE STORAGE LENGTH OF THE TURN LANE OR THE TURN LANE IS WITHIN THE LANE CLOSURE, USE FIGURE 2.
- 2. CONES MAY BE SUBSTITUTED FOR BARRICADES OR DRUMS AT HALF THE SPACING DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (710) IN HEIGHT.
- 3. LIGHTS WILL NOT BE REQUIRED ON BARRICADES OR DRUMS FOR DAY OPERATIONS. ALL LIGHTS SHALL BE MONODIRECTIONAL.
- 4. REFLECTIVE TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED THROUGHOUT THE BARRICADED AREAS OF EACH TURN BAY AS SHOWN WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN (14) DAYS.
- 5. THIS APPLICATION ALSO APPLIES WHEN WORK IS BEING PERFORMED IN THE RIGHT LANE(S) AND THE RIGHT TURN BAY IS TO REMAIN OPEN. UNDER THIS CONDITION, "RIGHT TURN LANE" R3-IIOOR 24 x 24 (600 x 600) AND M6-2R 21 × 15 (530 × 380) SHALL BE USED.
- 6. THESE CONTROLS SHALL SUPPLEMENT MAINLINE TRAFFIC CONTROL FOR LANE CLOSURES.
- 7. THE SIGNS SHALL BE MOUNTED ABOVE THE BARRICADES/DRUMS ON SEPARATE SIGN SUPPORTS THAT MEET NCHRP 350 OR MASH PREQUIREMENTS.
- 8. TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

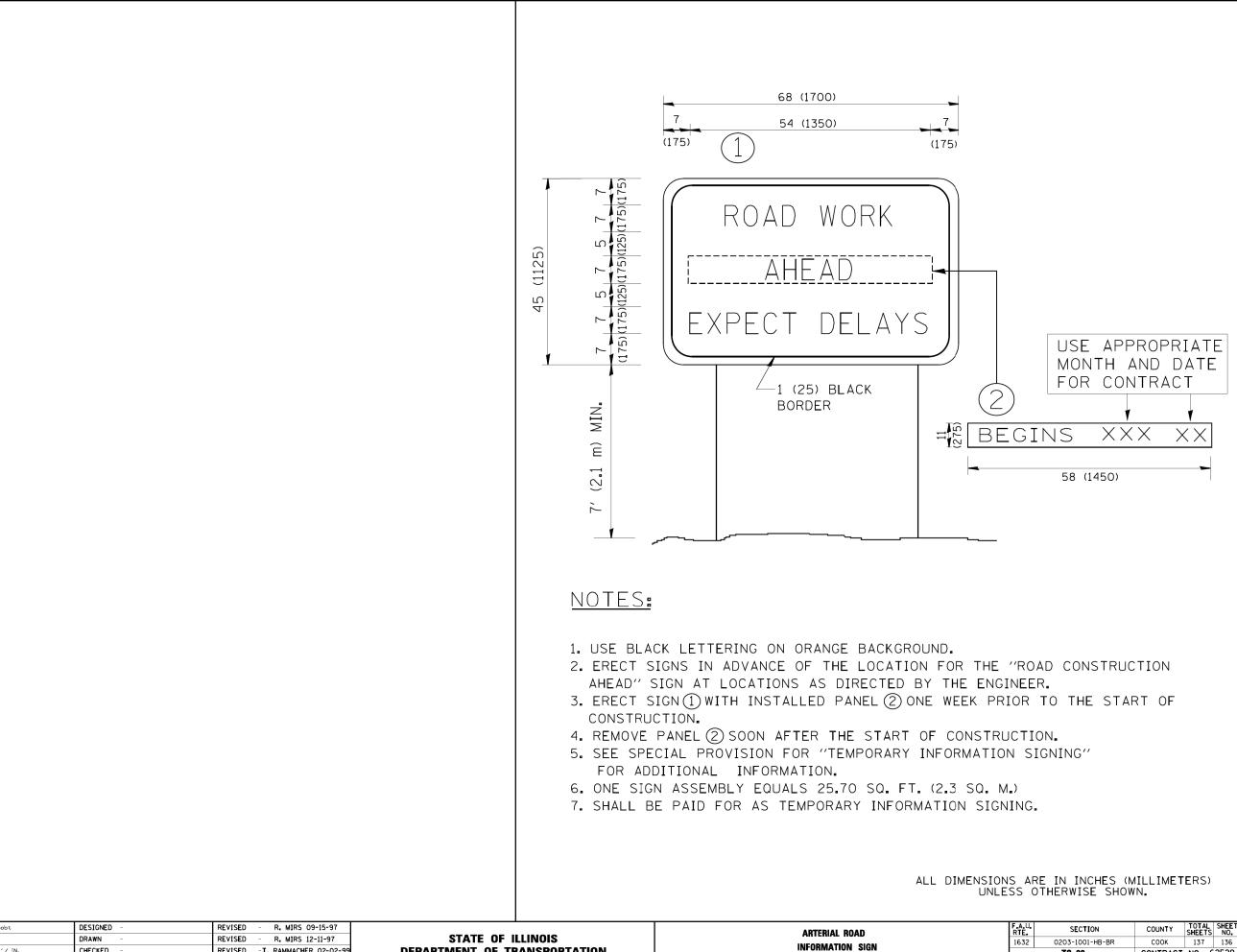


| FILE NAME = | USER NAME = footemj | REVISED -T. RAMMACHER 09-08-94 | | | TRAFFIC CONTROL AND PROTECTION AT TURN BAYS (TO REMAIN OPEN TO TRAFFIC) | | F.A.U RTE. | SECTION | COUNTY TOTAL SHEET SHEETS NO. |
|---|--|--|--------------------------------|------------------------------|--|--|---------------|-----------------|----------------------------------|
| pw://ILØ84EBIDINTEG.1llinois.gov:PWIDOT/D | cuments\IDOT Offices\District 1\Projects\Dis | to to EXISED ADDe to \CAQsHOLSEH1412g07-95 | REVISED - A. SCHUETZE 07-01-13 | | | | | 0203-1001-HB-BR | СООК 137 133 |
| | PLOT SCALE = 50.0000 ' / in. | REVISED - A. HOUSEH 10-12-96 | REVISED - A. SCHUETZE 09-15-16 | DEPARTMENT OF TRANSPORTATION | | | | TC-14 | CONTRACT NO. 62F29 |
| Default | PLOT DATE = 9/15/2016 | REVISED -T. RAMMACHER 01-06-00 | REVISED - | | SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA. | | | ILLINOIS FED. | AID PROJECT |



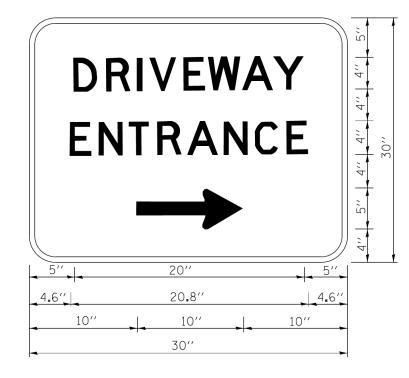
| | | | F.A.U. RTE | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | |
|----|-----------|---------------------|---------------|---|----------|-----------------|--------------|--|--|
| IG | LETTERS A | LETTERS AND SYMBOLS | 1632 | 0203-1001-HB-BR | СООК | 137 | 134 | | |
| | | | | TC-16 | CONTRACT | NO. 6 | 2F29 | | |
| | STA. | TO STA. | FED, R | FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT | | | | | |





| FILE NAME = | USER NAME = gaglianobt | DESIGNED - | REVISED - R. MIRS 09-15-97 | | | ADTER | RIAL ROA |
|---------------------------|----------------------------|------------|--------------------------------|------------------------------|-------------|---------------------|----------|
| W:\diststd\22x34\tc22.dgn | | DRAWN - | REVISED - R. MIRS 12-11-97 | STATE OF ILLINOIS | 1 | | |
| | PLOT SCALE = 50.000 '/ IN. | CHECKED - | REVISED -T. RAMMACHER 02-02-99 | DEPARTMENT OF TRANSPORTATION | 1 | INFORM | MATION S |
| | PLOT DATE = 1/4/2008 | DATE - | REVISED - C. JUCIUS 01-31-07 | | SCALE: NONE | SHEET NO. 1 OF 1 SH | SHEETS |

| ROAD | | F.A.U. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | | |
|--------|--------|----------------|-----------------|---|-----------------|--------------|------|--|--|
| N SIGN | | 1632 | 0203-1001-HB-BR | COOK | 137 | 136 | | | |
| N | N SIGN | | | TC-22 | CONTRACT | NO. 6 | 2F29 | | |
| | STA. | TO STA. | FED. R | 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" × 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 = | USER NAME = gaglianobt | DESIGNED - | REVISED - C. JUCIUS 02-15-07 | | | DRIVEWAY ENTRANCE SIGNING | | F.A.U. RTE | SECTION | COUNTY | TOTAL SHEE |
|--|-----------------------------|------------|------------------------------|------------------------------|---------------------------|------------------------------|---------|---------------|-----------------|-----------|------------|
| c:\pw_work\pwidot\gaglianobt\d0108315\tc | :6.dgn | DRAWN - | REVISED - | STATE OF ILLINOIS | DRIVEWAT ENTRANCE SIGNING | | | 1632 | 0203-1001-HB-BR | СООК | 137 137 |
| | PLOT SCALE = 50.000 ' / in. | CHECKED - | REVISED - | DEPARTMENT OF TRANSPORTATION | | | - | | TC26 | CONTRACT | NO. 62F29 |
| | PLOT DATE = 12/13/2012 | DATE - | REVISED - | | SCALE: NONE | SHEET NO. 1 OF 1 SHEETS STA. | TO STA. | FED. ROAD D | | D PROJECT | |