

Bench Mark "C": Set cut square box in the northwest corner of steel RIM of the traffic signal handhole located in the median at the east end of the US 52 bridge over I-55, El. 600.71.

Existing Structure: S.N. 099-0139 was originally constructed in 1956. In 1994 and 2007 rehabilitation was performed and consisted of raising and widening of the superstructure/substructure, raising and relocation of existing beams horizontally outwards, and parapet replacement. The current bridge is a four-span structure (48'-0"/60'-0"/60'-0"/48'-0") with a total length of 220'-6³/₄" (back to back of abutment), an overall width of 71'-2" (out to out of deck) and a skewed angle of 28°-48'-11" to the ϕ of the roadway. The superstructure consists of a 7¹/₂" thick concrete slab on twelve W30 beams. The substructure consists of reinforced concrete abutments, piers, wingwalls, slope walls and piles. Stage construction will be used to maintain traffic.

No Salvage.

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1. General Plan and Elevation
2. General Notes and Total Bill of Materials
3. Deck Plan (Existing Conditions and Removal)
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11. Bridge Approach Slab Details
12. East Abutment Expansion Joint Details
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14. Preformed Joint Strip Seal Details
15. Bar Splicer Details

LOADING

HS20-44

DESIGN STRESSES

FIELD UNITS (NEW. CONST.)

f'c = 4,000 psi (Superstructure)
fy = 60,000 psi (Reinforcing Steel)

FIELD UNITS (EXIST. CONST.)

f'c = 3,500 psi
fy = 60,000 psi (Reinforcing Steel)
fy = 36,000 psi (Structural Steel M270, Grade 36)

DESIGN SPECIFICATIONS

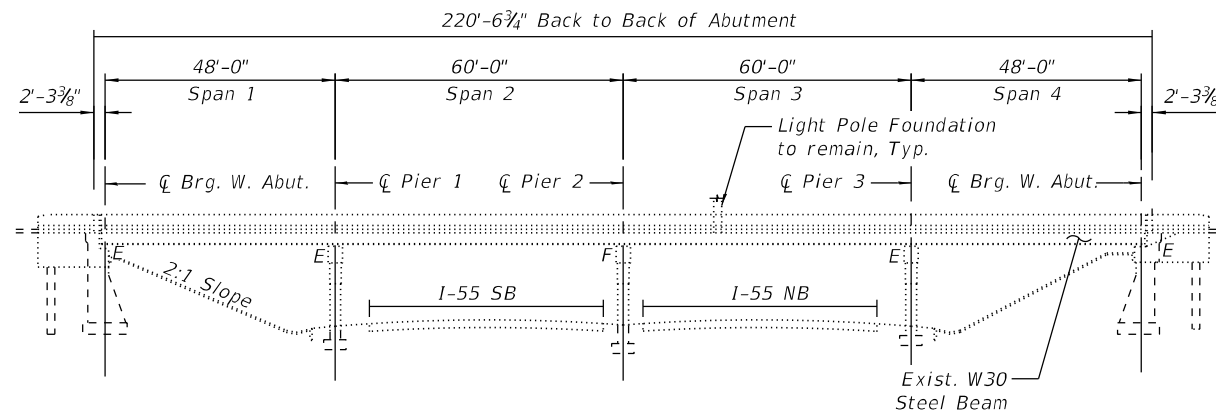
2002 AASHTO Standard Specification for Highway Bridges, 17th Edition.

RECONSTRUCTION

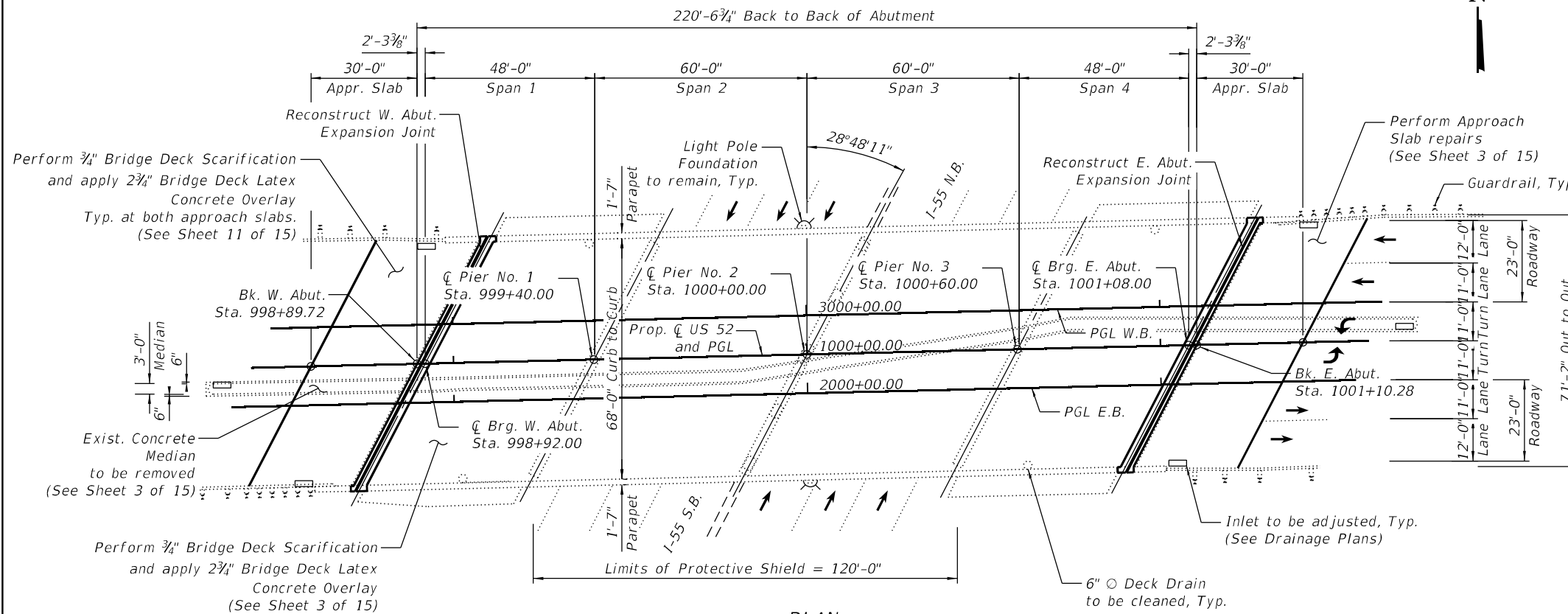
1989 AASHTO with 1990 Interims.
1983 Guideline Specifications for Seismic Design of Highway Bridges with 1965 and 1985 Interims.

SCOPE OF WORK

1. Remove Existing Raised Concrete Median.
2. Scarify ³/₄" from the bridge deck slab and approach slabs.
3. Perform Approach Slab Repairs as required.
4. Reconstruct transverse bridge deck expansion joints on the West and East Abutments and install new preformed joint strip seal.
5. Apply 2³/₄" Bridge Deck Latex Concrete Overlay on the bridge deck and approach slabs.
6. Perform Bridge Deck Grooving to the Bridge Deck Latex Concrete Overlay.
7. Apply Protective Coat to reconstructed deck and approach areas.
8. Repair deteriorated/spalled concrete piers.
9. Clean all deck drains.



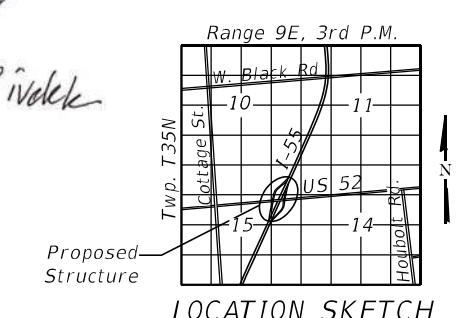
ELEVATION



PLAN



M. Basar Civelek



LOCATION SKETCH

GENERAL PLAN AND ELEVATION
US 52 OVER I-55
F.A.P. RTE. 607 SEC. 2018-075-B-R
WILL COUNTY
STATION 1000+00.00
STRUCTURE NO. 099-0139

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN & ELEVATION
S.N. 099-0139

SHEET 1 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	201
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

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LIST OF ABBREVIATIONS

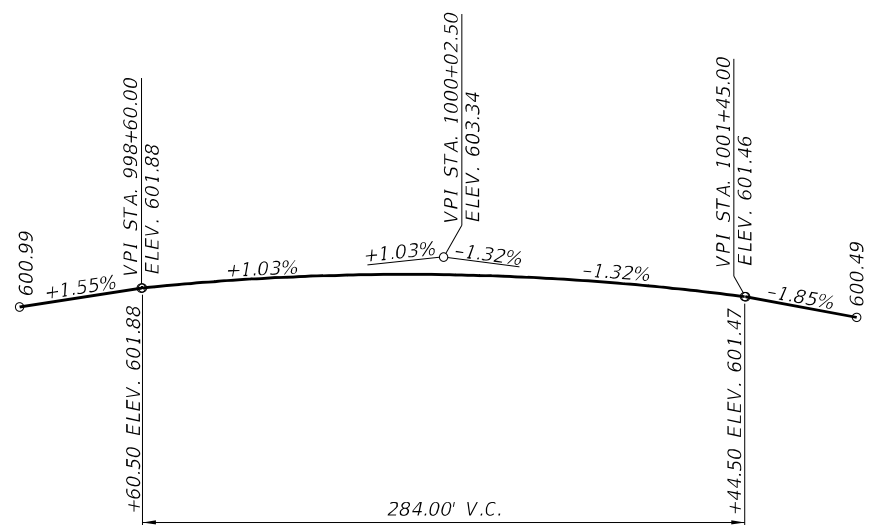
Abut.	Abutment
Appr.	Approach
B.F.	Back Face
BL	Baseline
Brg.	Bearing
CL	Centerline
Cl.	Clearance
Const.	Construction
Ø	Diameter
E.F.	Each Face
Elev.	Elevation
Exist.	Existing
FL	Flowline
F.F.	Front Face
I.F.	Inside Face
Jt.	Joint
Long.	Longitudinal
Max.	Maximum
Min.	Minimum
No.	Number
O.F.	Outside Face
PJF	Preformed Joint Filler
PJS	Preformed Joint Sealer
PG	Profile Grade
Prop.	Proposed
Req'd.	Required
Rte.	Route
Sect.	Section
Spa.	Spaces
Spec.	Specification
Sta.	Station
Std.	Standard
Struct.	Structure
Typ.	Typical

GENERAL NOTES

1. Plan dimensions and details relative to existing structure have been taken from existing plans and are subject to nominal construction variations. It shall be Contractor's responsibility to verify such dimensions and details in the field and make necessary approved adjustments prior to construction or ordering materials. Such variations shall not be cause for additional compensation for a change in the scope of work, however, the Contractor shall be paid for the quantity actually furnished at the unit price bid for the work.
2. Reinforcement bars designated (E) shall be epoxy coated.
3. Existing reinforcement bars extending into the removal area shall be cleaned, straightened and incorporated into the new construction. Any reinforcement bars that are damaged during concrete removal shall be replaced with an approved bar splicer or anchorage system. Cost included with Concrete Removal.
4. Prior to pouring the concrete, all heavy or loose rust, mill scale, and other loose or potentially detrimental foreign material shall be removed from the surfaces in contact with concrete. Tightly adhered paint may remain unless otherwise noted. Removal shall be accomplished by methods that will not damage the steel and the cost will be included with Concrete Removal.
5. Joint openings shall be adjusted according to Article 520.04 of the Standard Specifications when the joint concrete is poured at an ambient temperature other than 50°F.
6. No construction joints except those shown on the plans shall be allowed unless approved by the Engineer.
7. The Contractor may request copies of existing construction plans that are currently on file with Illinois Department of Transportation. The request shall be in writing with the understanding that any reproduction cost will be at the Contractor's expense at no additional cost to the Illinois Department of Transportation.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SUPER	SUB	TOTAL
Concrete Removal	Cu. Yd.	44.6	-	44.6
Protective Shield	Sq. Yd.	1002	-	1002
Bridge Deck Scarification, 3/4"	Sq. Yd.	2,130	-	2,130
Bridge Deck Latex Concrete Overlay 2 3/4 inches	Sq. Yd.	2,130	-	2,130
Bridge Deck Grooving	Sq. Yd.	2,067	-	2,067
Protective Coat	Sq. Yd.	2,321	-	2,321
Preformed Joint Strip Seal	Foot	162	-	162
Inlets to be adjusted	Each	4	-	4
Concrete Superstructure	Cu. Yd.	24.2	-	24.2
Reinforcement Bars, Epoxy Coated	Lbs	2,660	-	2,660
Bar Splicers	Each	48	-	48
Silicone Joint Sealer, 1"	Foot	156	-	156
Polymer Concrete	Cu. Ft.	27.1	-	27.1
Approach Slab Repair (Partial Depth)	Sq. Yd.	1.4	-	1.4
Deck Slab Repair (Full Depth, Type I)	Sq. Yd.	0.5	-	0.5
Deck Slab Repair (Full Depth, Type II)	Sq. Yd.	0.5	-	0.5
Structural Repair of Concrete (Depth Equal or Less than 5 inches)	Sq. Ft.	-	71	71
Combination Curb and Gutter Removal	Foot	120	-	120
Combination Curb and Gutter Type B-6.24	Foot	120	-	120



**PROPOSED PROFILE GRADE
US 52**

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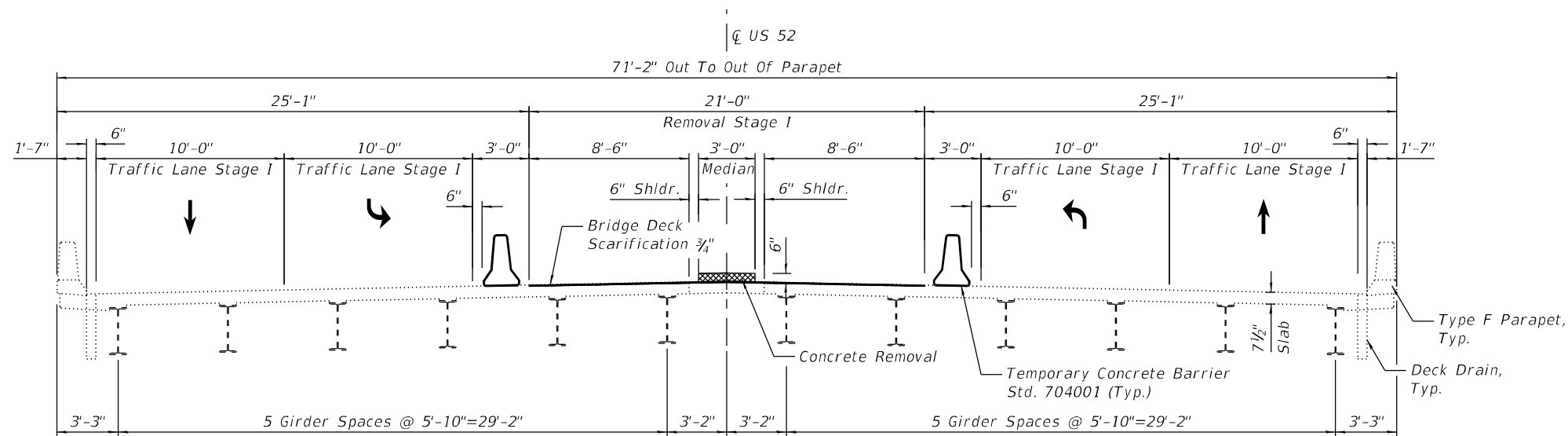
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**GENERAL NOTES AND TOTAL BILL OF MATERIAL
S.N. 099-0139**

SHEET 2 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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		ILLINOIS	FED. AID PROJECT	

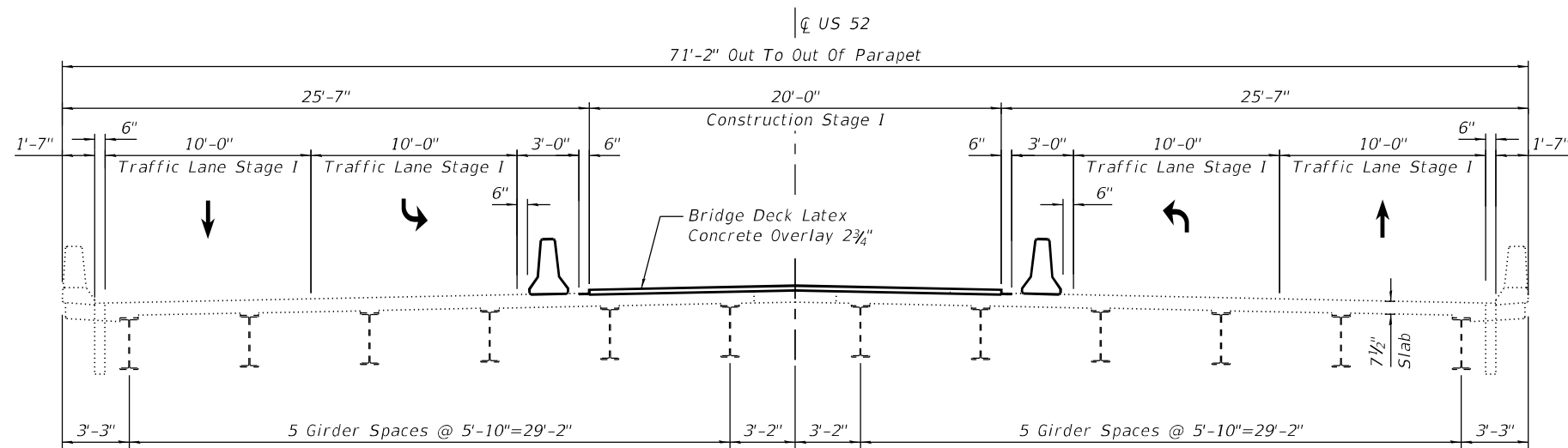


REMOVAL STAGE I
(Looking East)

NOTE:
Location of Concrete Median varies, see Sheet 3 of 15.

REMOVAL STAGE I

1. Install temporary concrete barrier as shown to maintain traffic in the existing lane configuration, close left turn lanes and use the far left lanes to turn left.
2. Remove existing concrete median. Saw cut rebar after $\frac{3}{4}$ " scarification.
3. Scarify $\frac{3}{4}$ " from the top of deck slab and approach slabs.
4. Remove portions of bridge deck/abutment adjacent to expansion joints as shown in the plans.



CONSTRUCTION STAGE I
(Looking East)

CONSTRUCTION STAGE I

1. Perform partial-depth approach slab repairs, at locations as shown in the plans.
2. Install preformed joint strip seal at west and east abutments and replace associated reinforcement and concrete adjacent to the joint.
3. Apply $2\frac{3}{4}$ " bridge deck latex concrete overlay to bridge deck slab and approach slabs.
4. Perform bridge deck grooving for the $2\frac{3}{4}$ " bridge deck latex concrete overlay.
5. Apply protective coat to the top of reconstructed transverse joint areas and top of latex concrete overlay.

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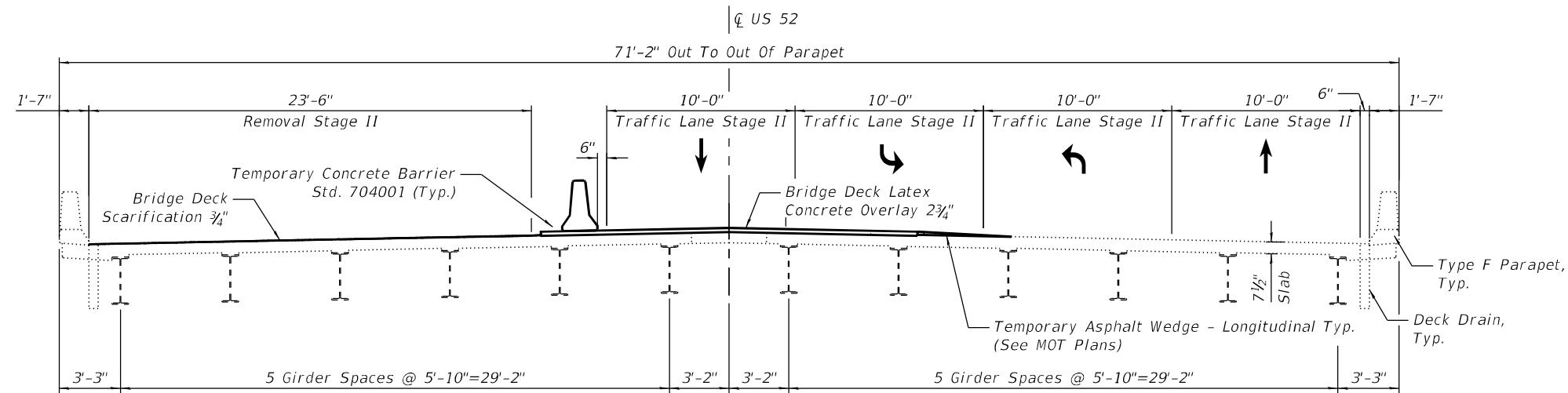
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DEPARTMENT OF TRANSPORTATION**

STAGE CONSTRUCTION (1 OF 3)
S.N. 099-0139

SHEET 4 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

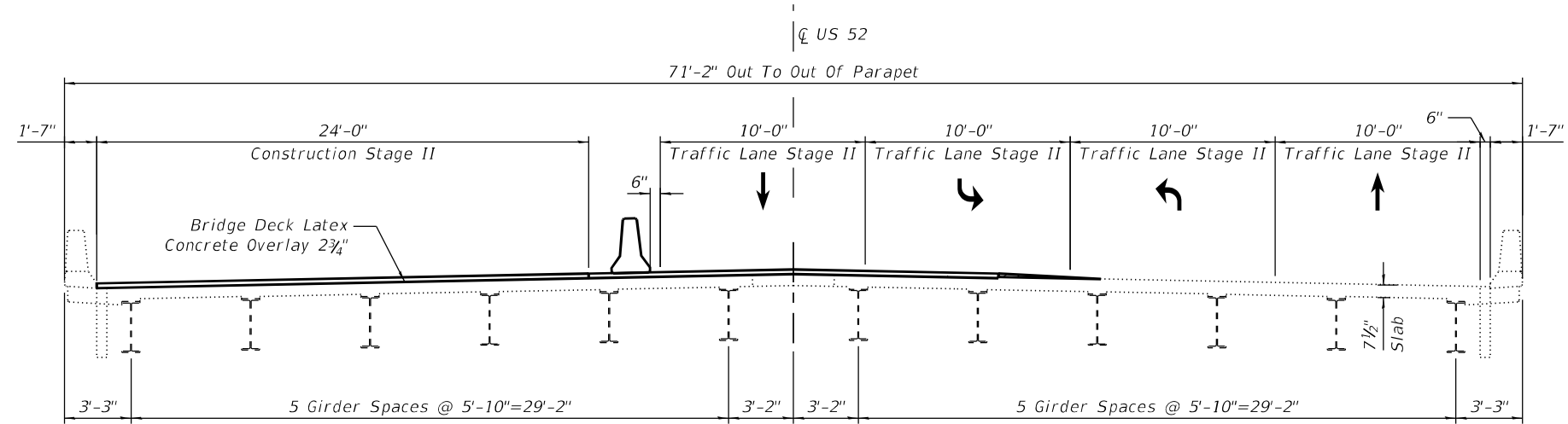
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REMOVAL STAGE II
 (Looking East)

REMOVAL STAGE II

1. Install temporary concrete barrier as shown to shift traffic to the north portion of the structure with four open lanes, two in each direction.
2. Scarify 3/4" from the top of deck slab and approach slabs.
3. Remove portions of bridge deck/abutment adjacent to expansion joints as shown in the plans.



CONSTRUCTION STAGE II
 (Looking East)

CONSTRUCTION STAGE II

1. Perform partial-depth deck slab repairs and approach slab repairs, at locations as shown in the plans.
2. Install preformed joint strip seal at west and east abutments and replace associated reinforcement and concrete adjacent to the joint.
3. Clean deck drains.
4. Apply 2 3/4" bridge deck latex concrete overlay to bridge deck slab and approach slabs.
5. Perform bridge deck grooving for the 2 3/4" bridge deck latex concrete overlay.
6. Apply protective coat to the top of reconstructed transverse joint areas, top and inside faces of parapets and top of latex concrete overlay.

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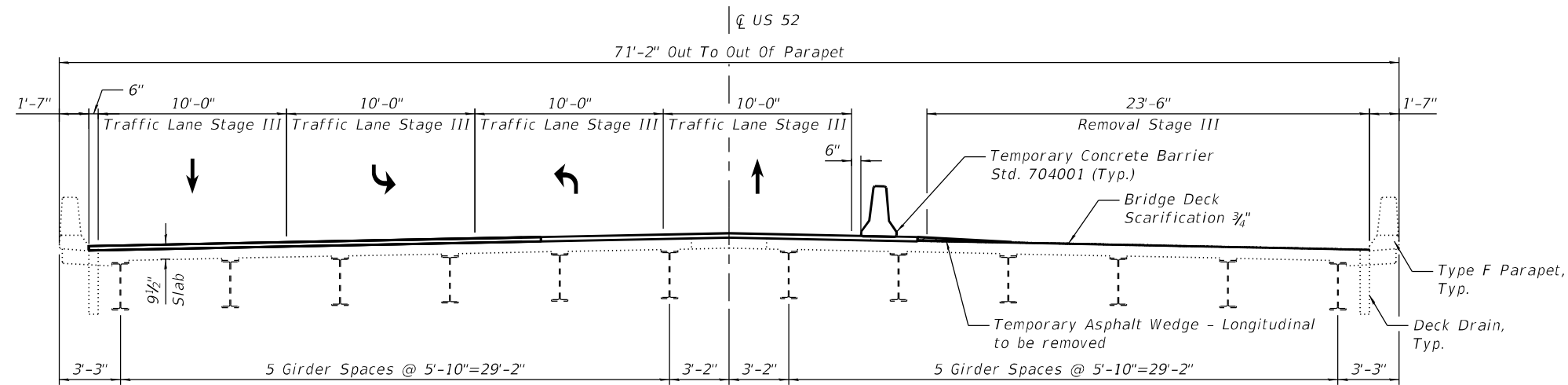
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STAGE CONSTRUCTION (2 OF 3)
S.N. 099-0139

SHEET 5 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

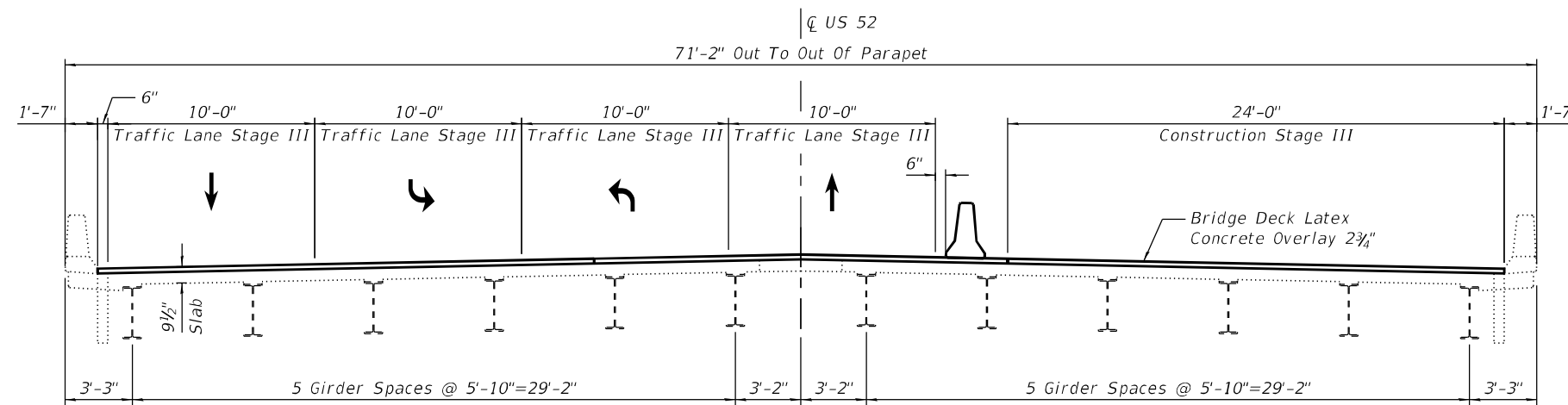
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REMOVAL STAGE III
 (Looking East)

REMOVAL STAGE III

1. Install temporary concrete barrier as shown to shift traffic to the south portion of the structure with four open lanes, two in each direction.
2. Scarify $\frac{3}{4}$ " from the top of deck slab and approach slabs.
3. Remove portions of bridge deck/abutment adjacent to expansion joints as shown in the plans.



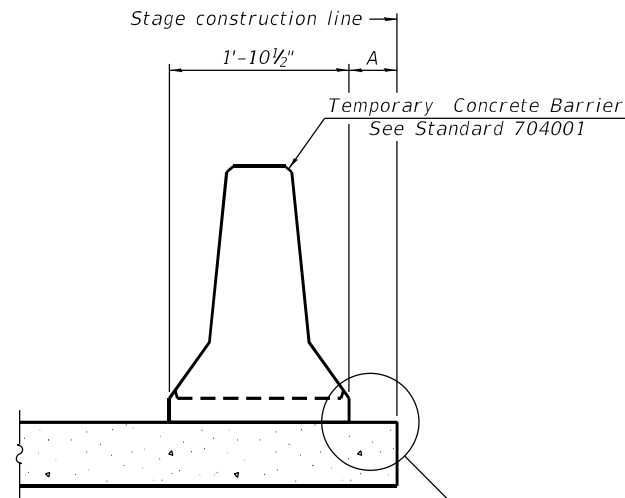
CONSTRUCTION STAGE III
 (Looking East)

CONSTRUCTION STAGE III

1. Perform partial-depth deck slab repairs, at locations as shown in the plans.
2. Install preformed joint strip seal at west and east abutments and replace associated reinforcement and concrete adjacent to the joint.
3. Clean deck drains.
4. Apply $2\frac{3}{4}$ " bridge deck latex concrete overlay to bridge deck slab and approach slabs.
5. Perform bridge deck grooving for the $2\frac{3}{4}$ " bridge deck latex concrete overlay.
6. Apply protective coat to the top of reconstructed transverse joint areas, top and inside faces of parapets and top of latex concrete overlay.

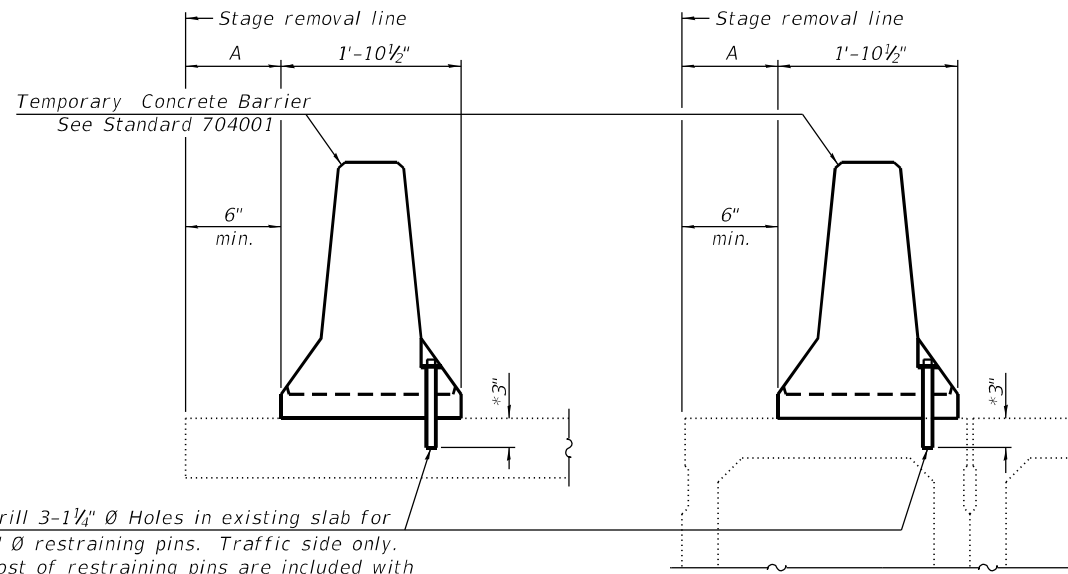
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607	2018-075-B-R	WILL	280	206
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				



When "A" is 3'-1" or less, the temporary concrete barrier shall be restrained to the new slab according to Detail I, II or III. No restraint is required when "A" is greater than 3'-1".

NEW SLAB OR NEW DECK BEAM



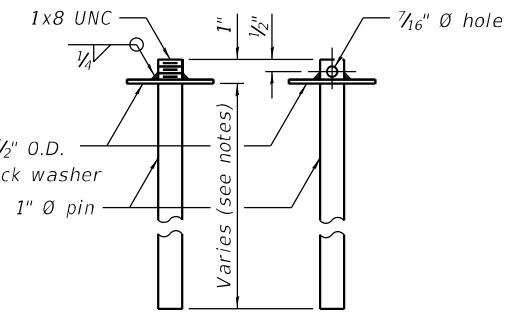
Drill 3-1 1/4" Ø Holes in existing slab for 1" Ø restraining pins. Traffic side only. Cost of restraining pins are included with Temporary Concrete Barrier. No restraint is required when "A" is greater than 3'-1".

EXISTING SLAB

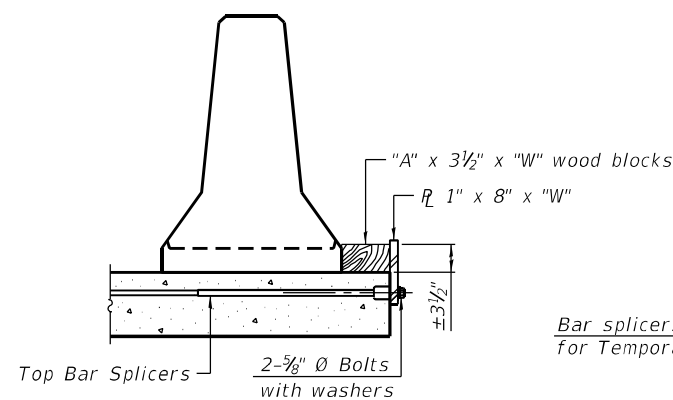
* When hot-mix asphalt wearing surface is present, embedment shall be 3" plus the wearing surface depth.

EXISTING DECK BEAM

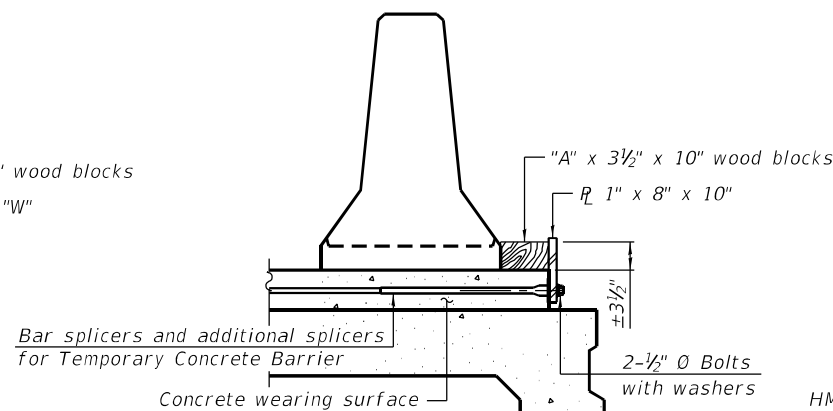
SECTIONS THRU SLAB OR DECK BEAM



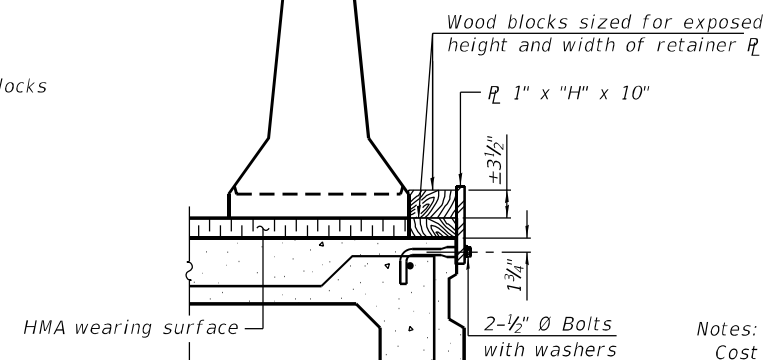
RESTRAINING PIN



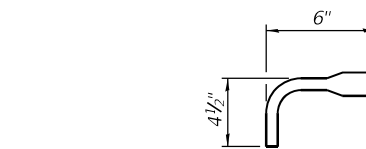
DETAIL I



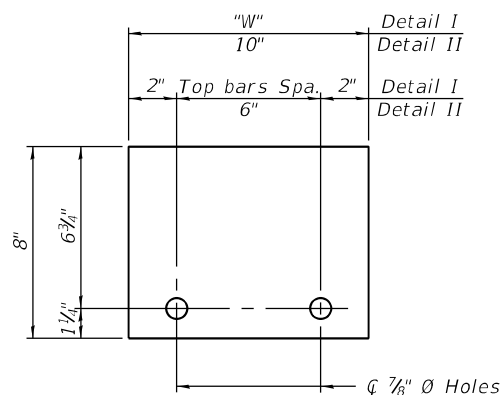
DETAIL II



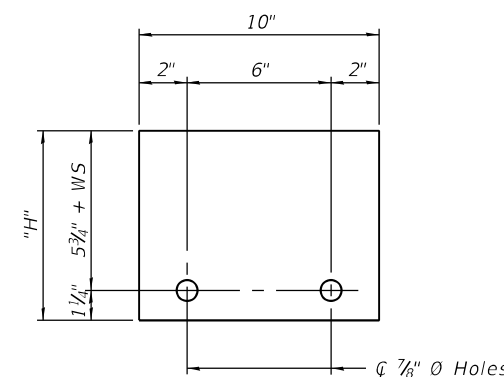
DETAIL III



BAR SPLICER FOR #4 BAR - DETAIL III



STEEL RETAINER R 1" x 8" x "W"
(Detail I and II)



STEEL RETAINER R 1" x "H" x 10"
(Detail III)

Notes:
 Cost of retainer assembly is included with Temporary Concrete Barrier.
 A retainer assembly shall be located at the approximate \bar{C} of each temporary concrete barrier.
 The retainer plate shall not be removed until the concrete on the adjacent stage is ready to be poured. For Detail III applications the retainer plate shall not be removed until just prior to placing the adjacent beam.
 When the 'A' dimension is less than 1 1/2', the wood block shall be omitted and the barrier shall be placed in direct contact with the steel retainer plate. For deck beam applications the minimum required 'A' distance is 6" to accommodate the shear key clamping device.

Detail I - Installation for a new bridge deck or bridge slab.
 Detail II - Installation for a new deck beam with an initial concrete wearing surface. Additional bar splicers shall be provided at 6'-0" centers and paired with the bar splicers of the concrete wearing surface reinforcement to accommodate the installation of the retainer assemblies. The cost of the additional bar splicers is included with the concrete wearing surface.
 Detail III - Installation for a new deck beam with no initial wearing surface or with an initial hot-mix asphalt (HMA) wearing surface present. The deck beam directly beneath the temporary concrete barrier shall be fabricated with bar splicer inserts in the side of the beam, as detailed, to accommodate the installation of the retainer assemblies. A pair of bar splicers, 6" apart, shall be placed at 6'-0" centers along the length of the beam. The cost of the bar splicers is included with the deck beam.

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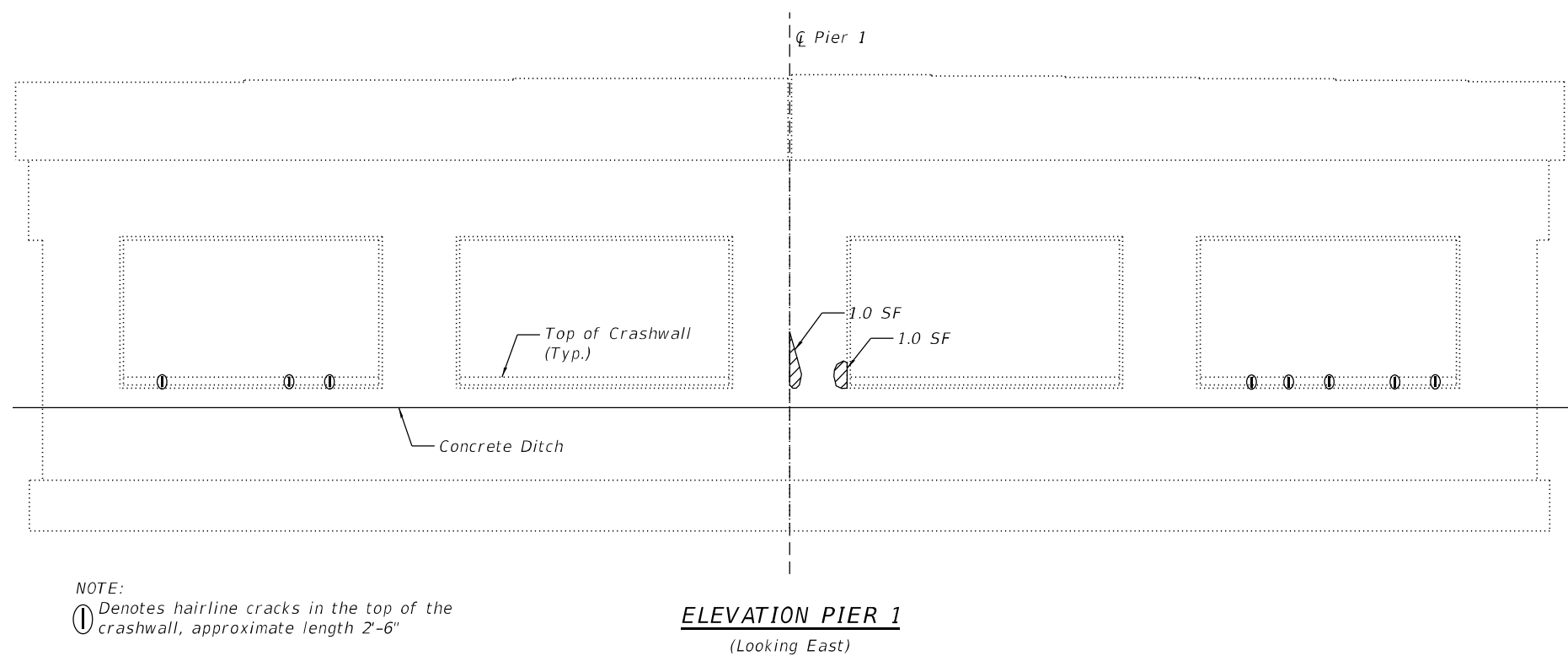
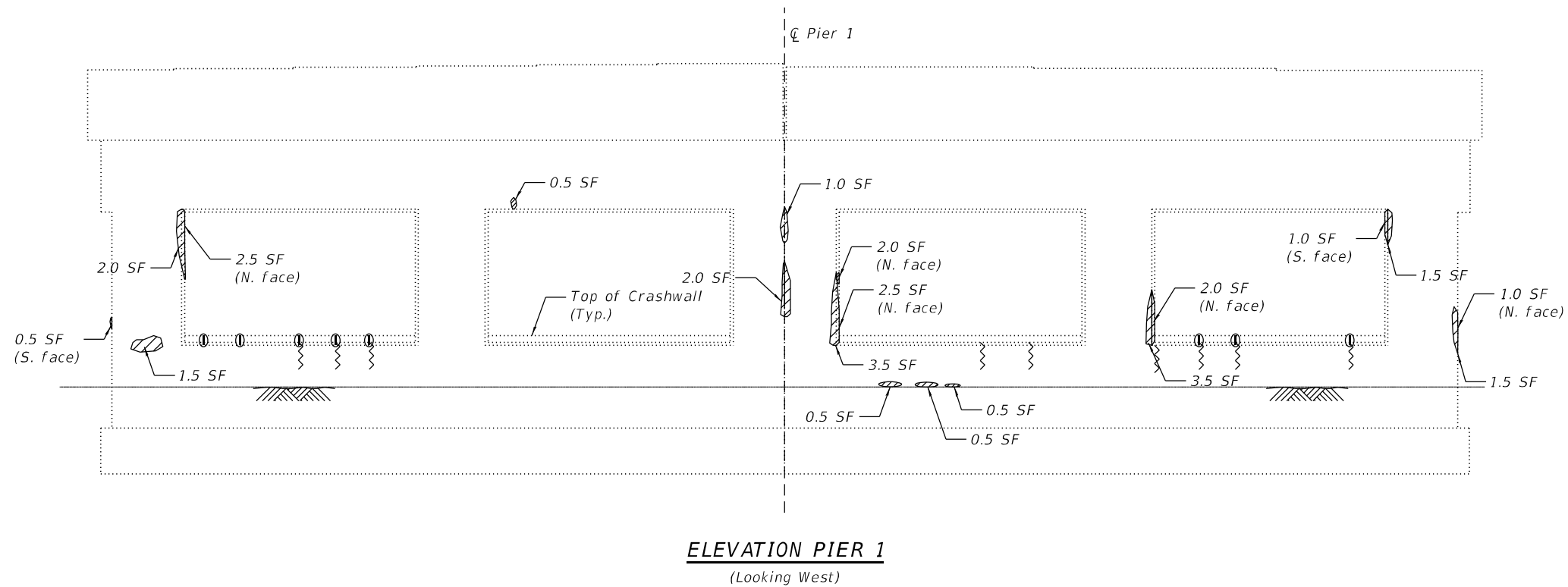
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TEMPORARY CONCRETE BARRIER FOR STAGE CONSTRUCTION
 S.N. 099-0139

SHEET 7 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	207
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				



NOTE:
 ① Denotes hairline cracks in the top of the crashwall, approximate length 2'-6"

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth Equal or Less than 5 inches)	Sq. Ft.	32.0

NOTES:

- Crack widths greater than $\frac{1}{16}$ " shall be sealed with epoxy crack injection. This work shall be incidental to "Structural Repair of Concrete (Depth Equal or Less than 5 inches)".
- Repair of the existing pier shall include but may not be limited to the areas shown. The actual areas to be repaired will be determined by the Engineer at the time of construction.

LEGEND

- Structural Repair of Concrete (Depth Equal or Less than 5 inches)
- Hairline crack (For information only, not to be sealed)
- SF Square Feet

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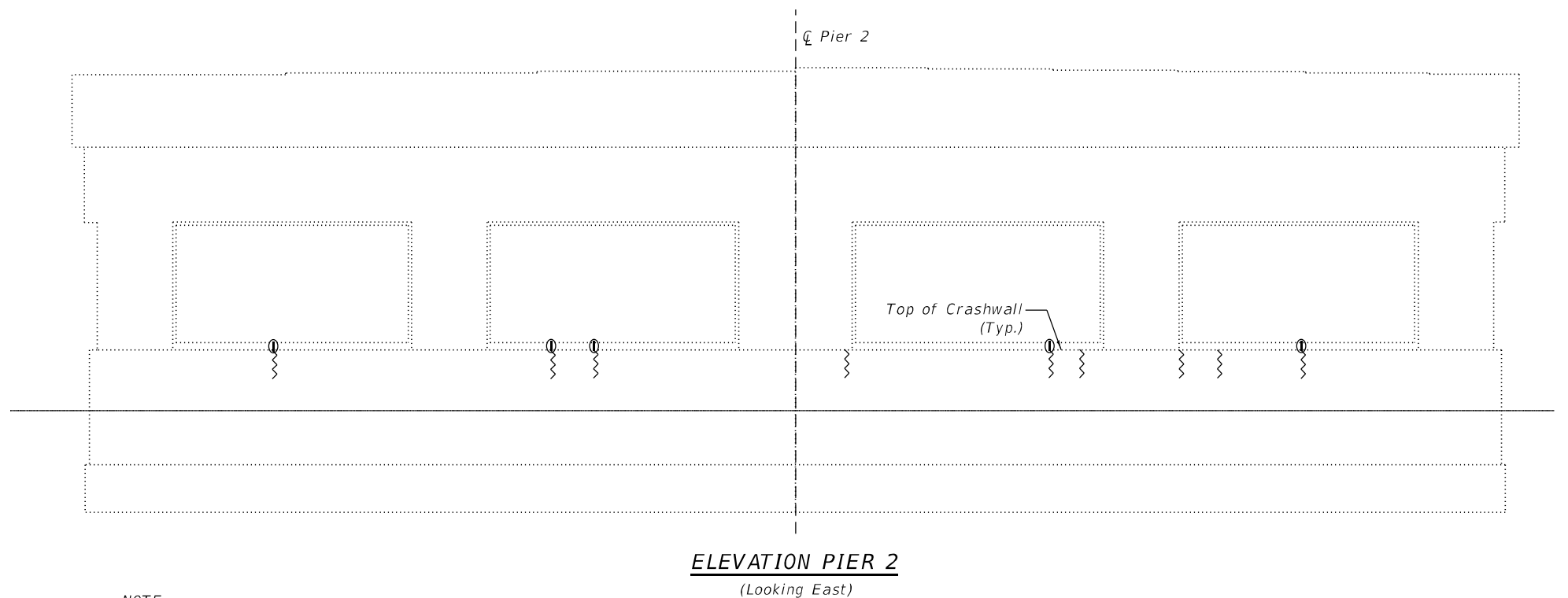
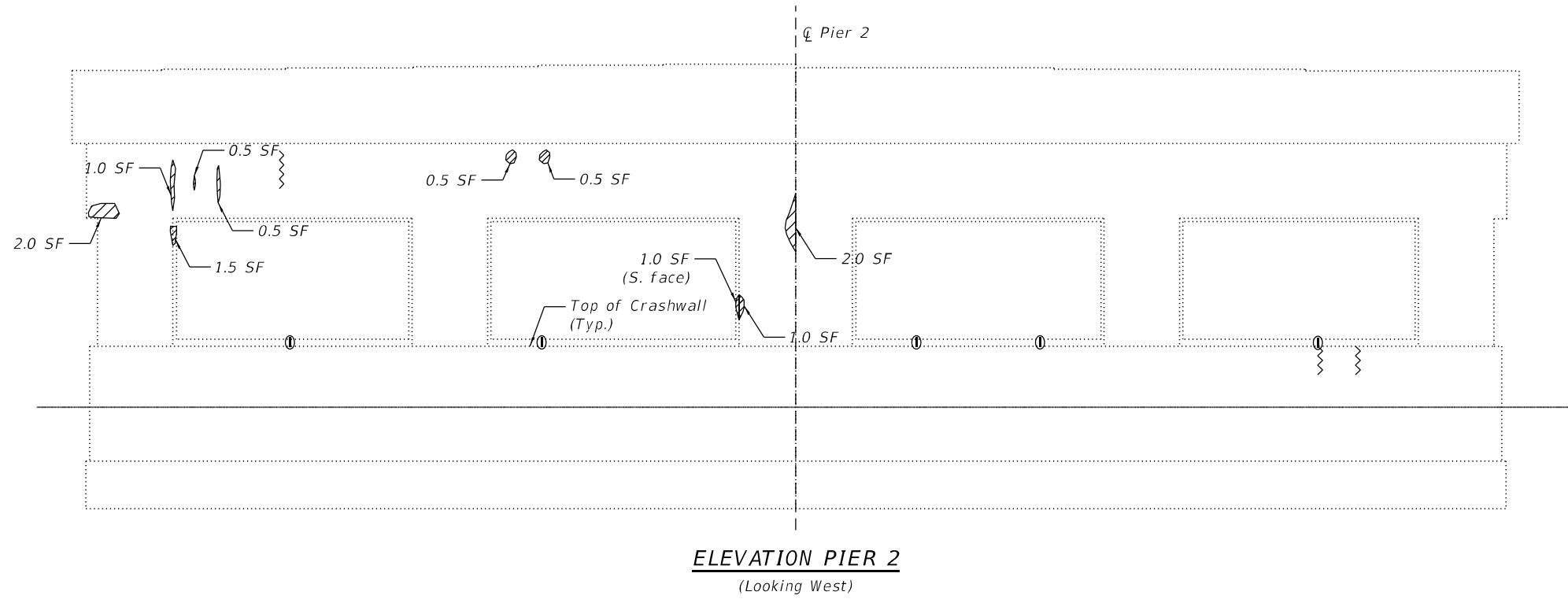
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 DEPARTMENT OF TRANSPORTATION**

**PIER REPAIRS (1 OF 3)
 S.N. 099-0139**

SHEET 8 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

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NOTE:
 ① Denotes hairline cracks in the top of the crashwall, approximate length 2'-6"

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth Equal or Less than 5 inches)	Sq. Ft.	11

NOTES:

- Crack widths greater than $\frac{1}{16}$ " shall be sealed with epoxy crack injection. This work shall be incidental to the pay item "Structural Repair of Concrete (Depth Equal or Less than 5 inches)".
- Repair of the existing pier shall include but may not be limited to the areas shown. The actual areas to be repaired will be determined by the Engineer at the time of construction.

LEGEND

- Structural Repair of Concrete (Depth Equal or Less than 5 inches)
- Hairline crack (For information only, not to be sealed)
- SF Square Feet

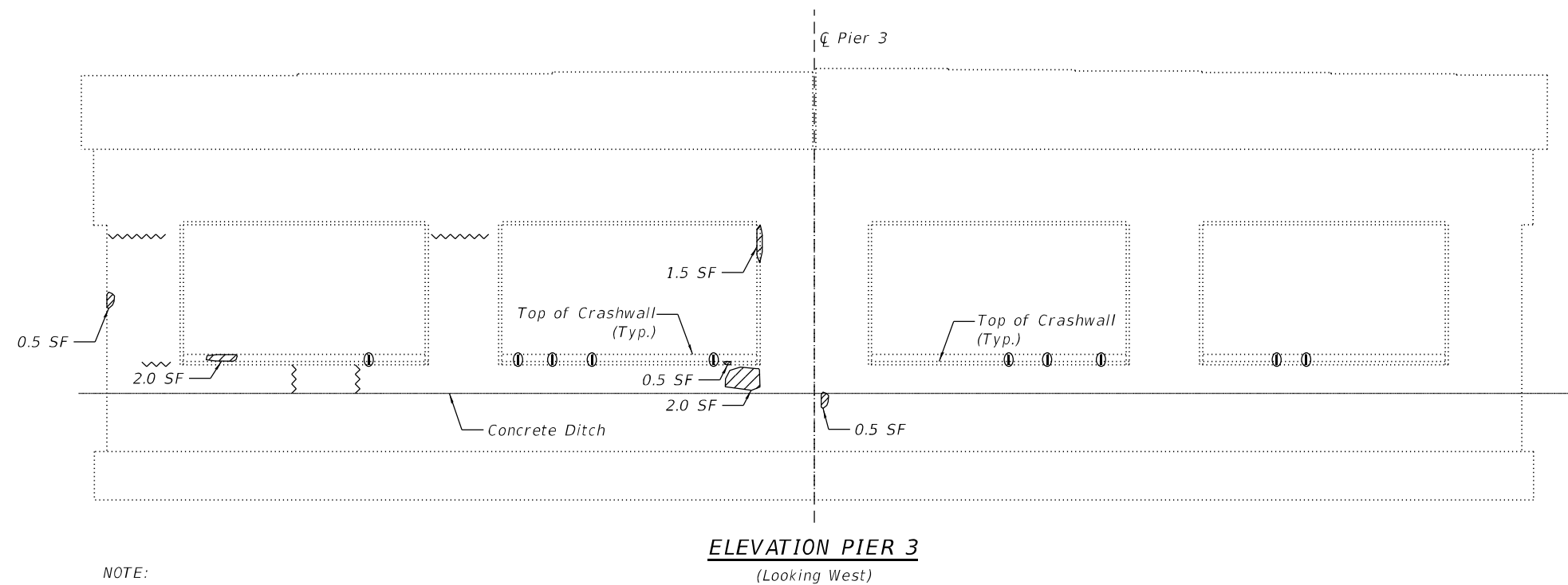
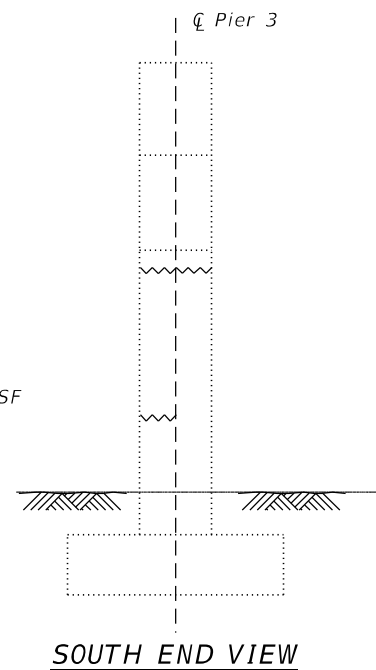
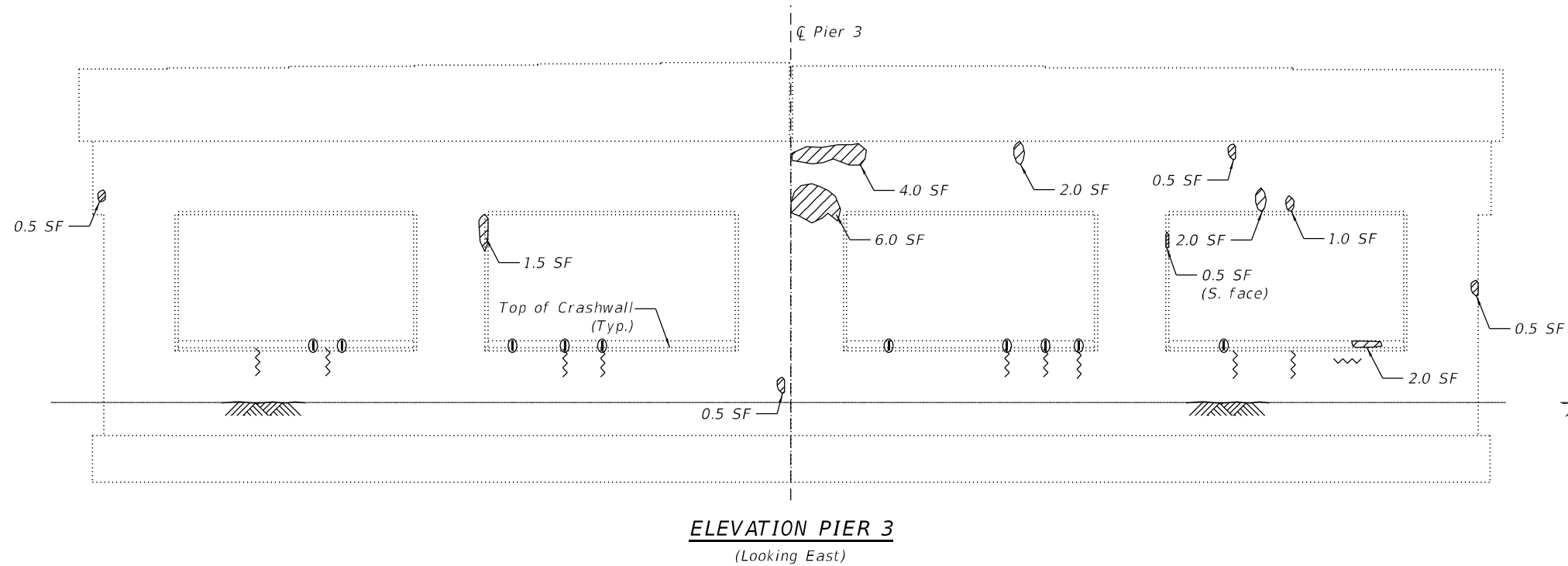
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**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**PIER REPAIRS (2 OF 3)
 S.N. 099-0139**

SHEET 9 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	209
CONTRACT NO. 62H16				
ILLINOIS		FED. AID PROJECT		



NOTE:
① Denotes hairline cracks in the top of the crashwall, approximate length 2'-6"

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Structural Repair of Concrete (Depth Equal or Less than 5 inches)	Sq. Ft.	28

NOTES:

- Crack widths greater than $\frac{1}{16}$ " shall be sealed with epoxy crack injection. This work shall be incidental to the pay item "Structural Repair of Concrete (Depth Equal or Less than 5 inches)".
- Repair of the existing pier shall include but may not be limited to the areas shown. The actual areas to be repaired will be determined by the Engineer at the time of construction.

LEGEND

- Structural Repair of Concrete (Depth Equal or Less than 5 inches)
- Hairline crack (For information only, not to be sealed)
- SF Square Feet

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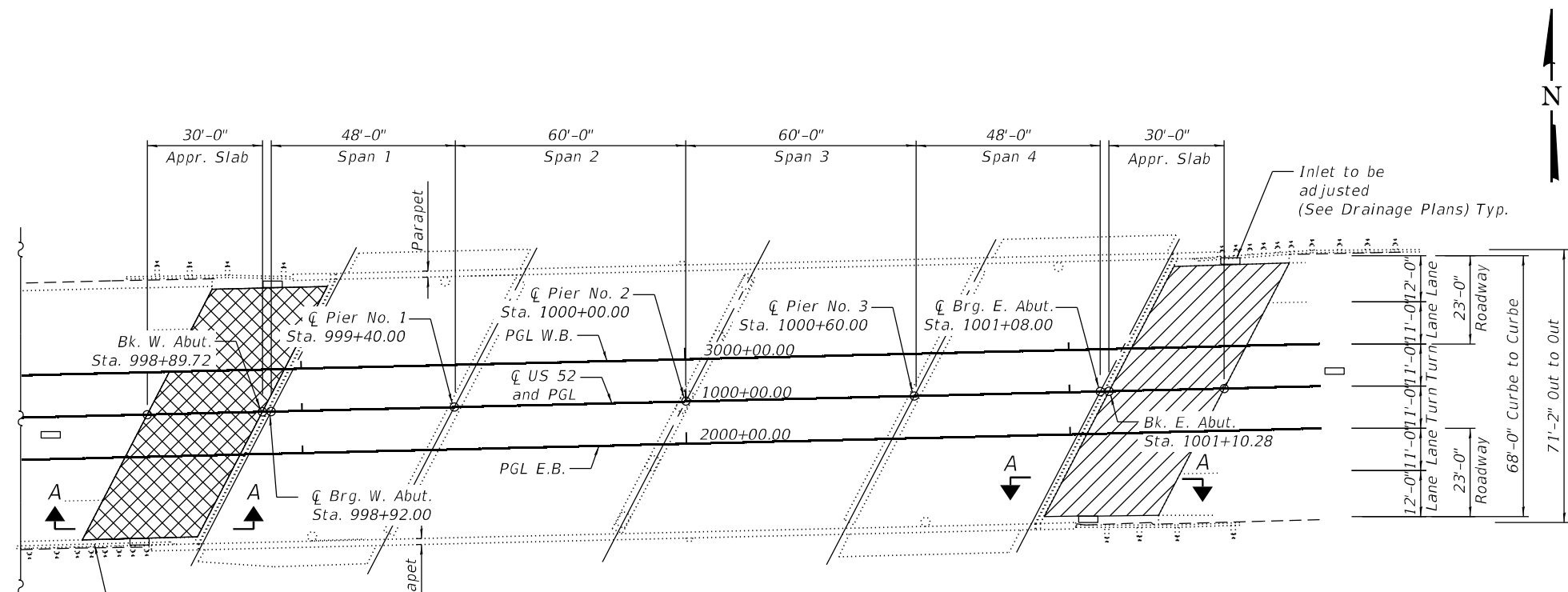
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		CHECKED - MBC	REVISED -
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	PLOT DATE =	CHECKED -	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**PIER REPAIRS (3 OF 3)
S.N. 099-0139**

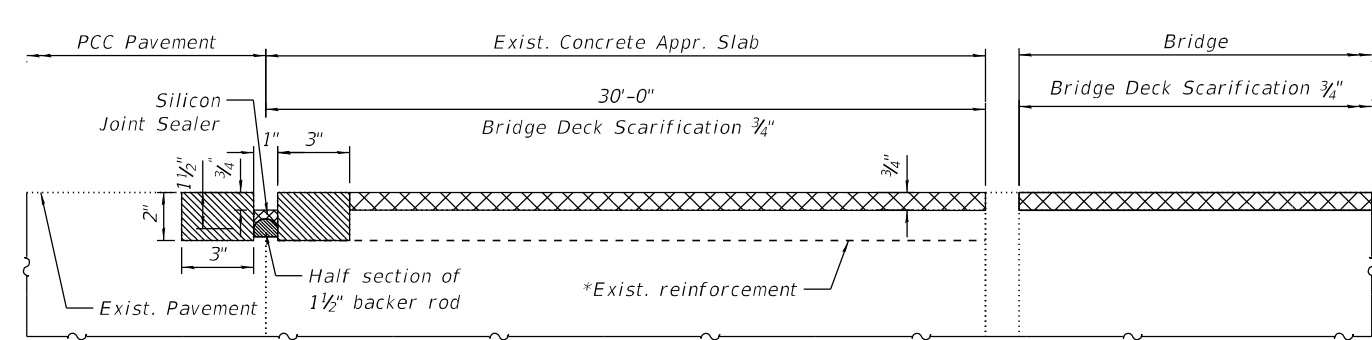
SHEET 10 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	210
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				



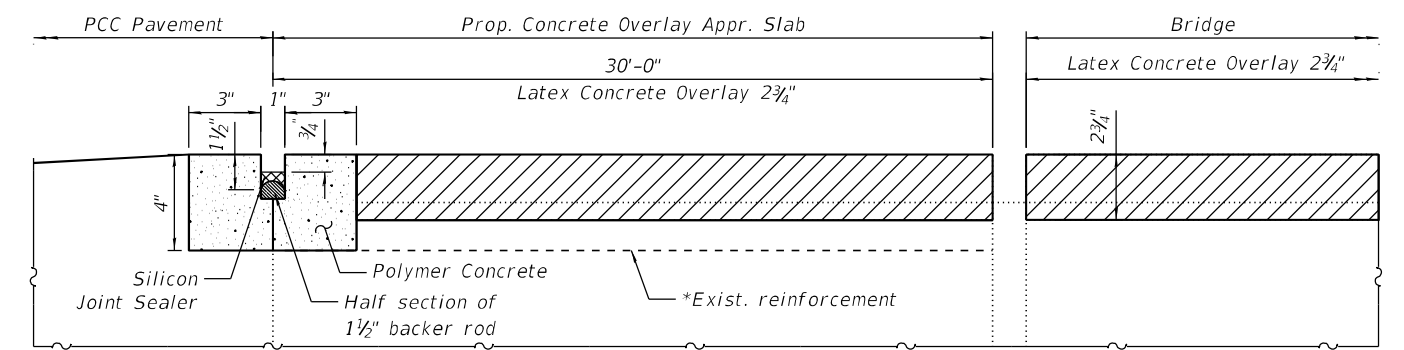
APPROACH PLAN

Combination Curb and gutter removal and replacement with curb and gutter Type - B6.24, Typ.



SECTION A-A REMOVAL

*Existing reinforcement to remain undisturbed.



SECTION A-A PROPOSED

BILL OF MATERIAL

ITEM	UNIT	TOTAL
Bridge Deck Grooving	Sq. Yd.	440
Protective Coat	Sq. Yd.	454
Bridge Deck Scarification 3/4"	Sq. Yd.	454
Bridge Deck Latex Concrete Overlay 2 3/4 inches	Sq. Yd.	454
Inlets to be adjusted	Each	4
Concrete Removal	Cu. Yd.	0.5
Silicone Joint Sealer 1"	Foot	156
Polymer Concrete	Cu. Ft.	27.1
Combination Curb and Gutter Removal	Foot	120
Combination Curb and Gutter Type B-6.24	Foot	120

Note:
Bridge approach scarification and overlay is similar on both ends of the structure.

LEGEND

- Bridge Deck Scarification 3/4"
- Bridge Deck Latex Concrete Overlay 2 3/4"
- Concrete Removal

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AEG ATLAS ENGINEERING GROUP, LTD.

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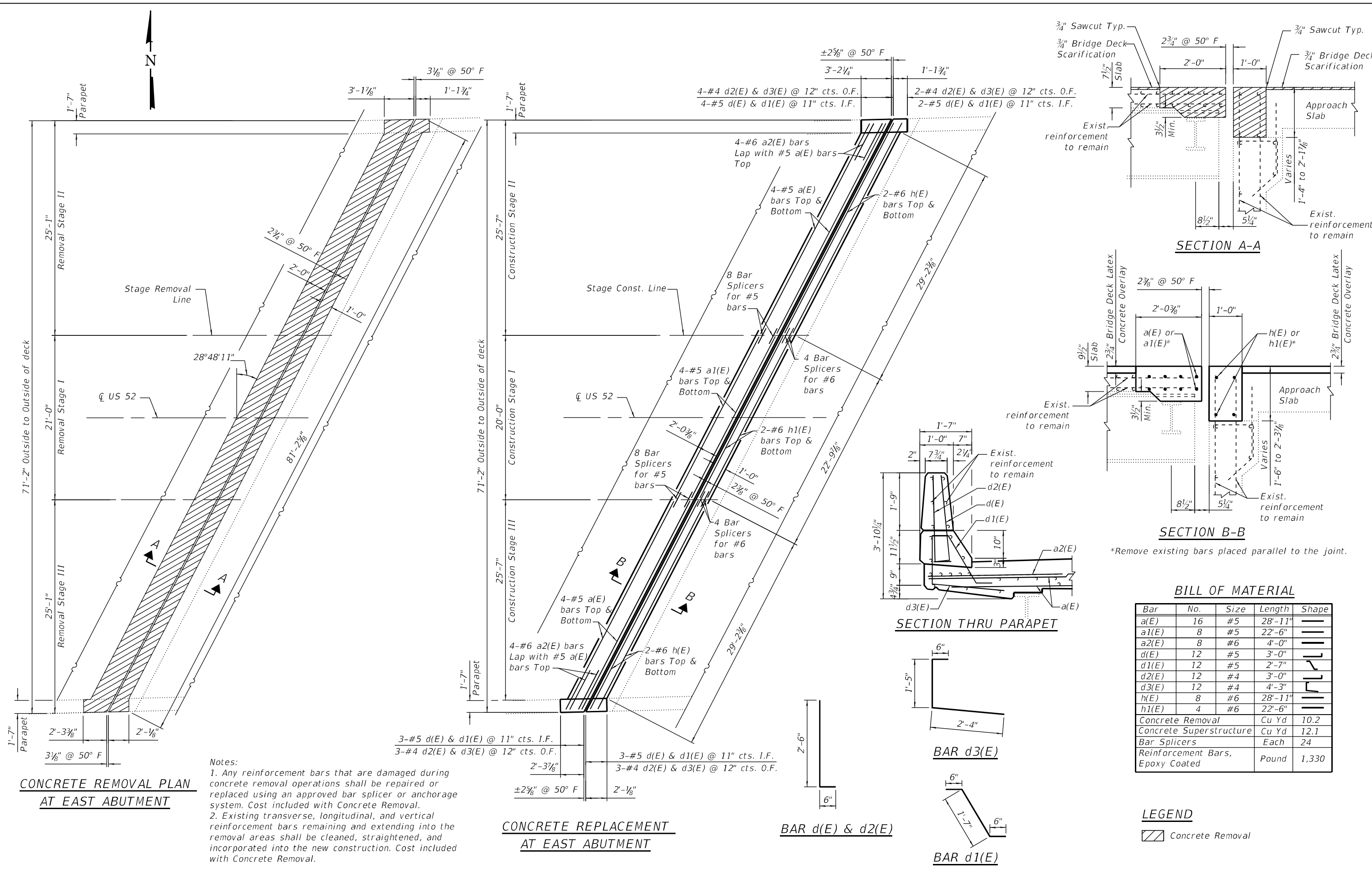
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**BRIDGE APPROACH SLAB DETAILS
S.N. 099-0139**

SHEET 11 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	211
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

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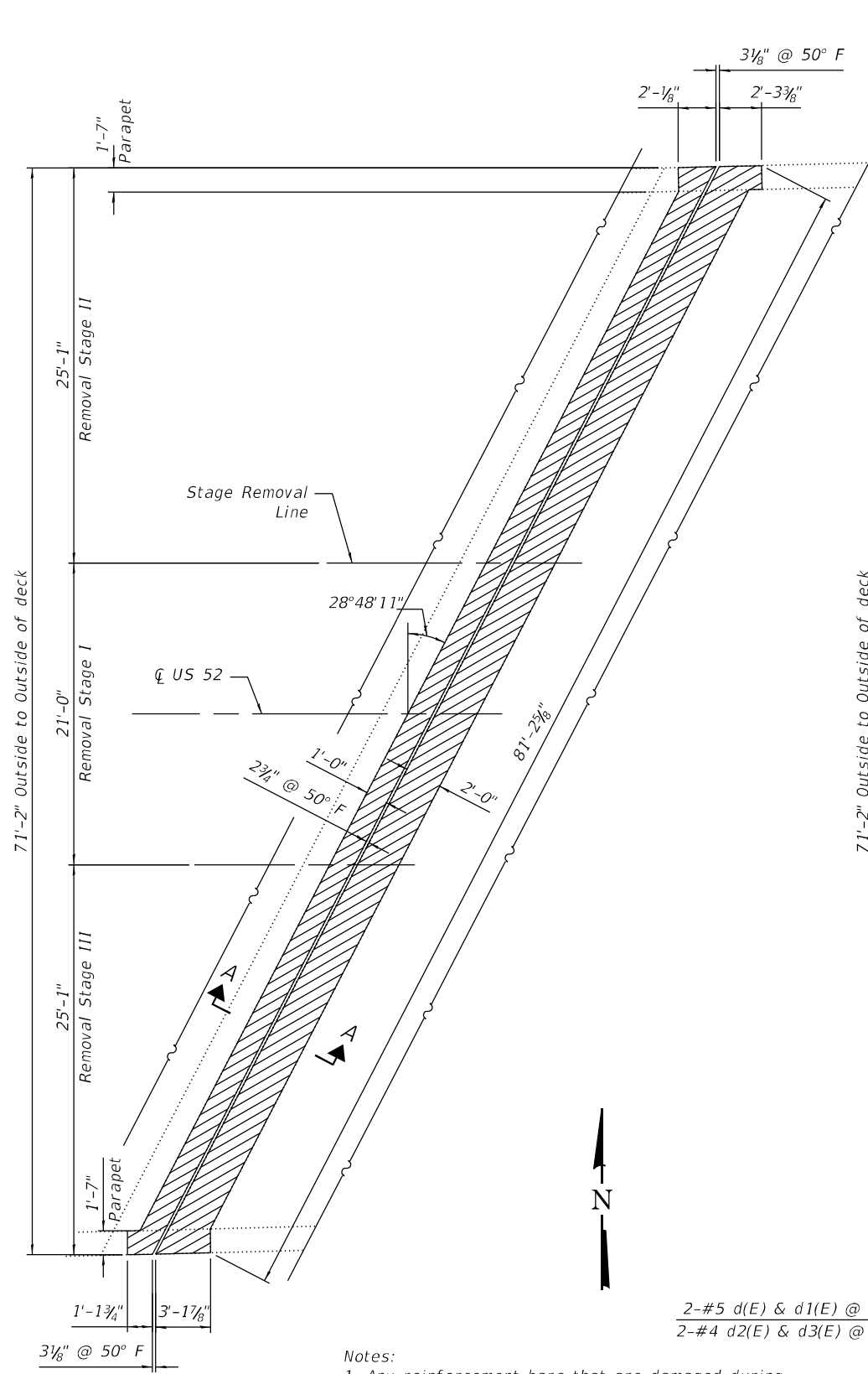
Notes:
 1. Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost included with Concrete Removal.
 2. Existing transverse, longitudinal, and vertical reinforcement bars remaining and extending into the removal areas shall be cleaned, straightened, and incorporated into the new construction. Cost included with Concrete Removal.

BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	16	#5	28'-11"	
a1(E)	8	#5	22'-6"	
a2(E)	8	#6	4'-0"	
d(E)	12	#5	3'-0"	
d1(E)	12	#5	2'-7"	
d2(E)	12	#4	3'-0"	
d3(E)	12	#4	4'-3"	
h(E)	8	#6	28'-11"	
h1(E)	4	#6	22'-6"	
Concrete Removal		Cu Yd	10.2	
Concrete Superstructure		Cu Yd	12.1	
Bar Splicers		Each	24	
Reinforcement Bars, Epoxy Coated		Pound	1,330	

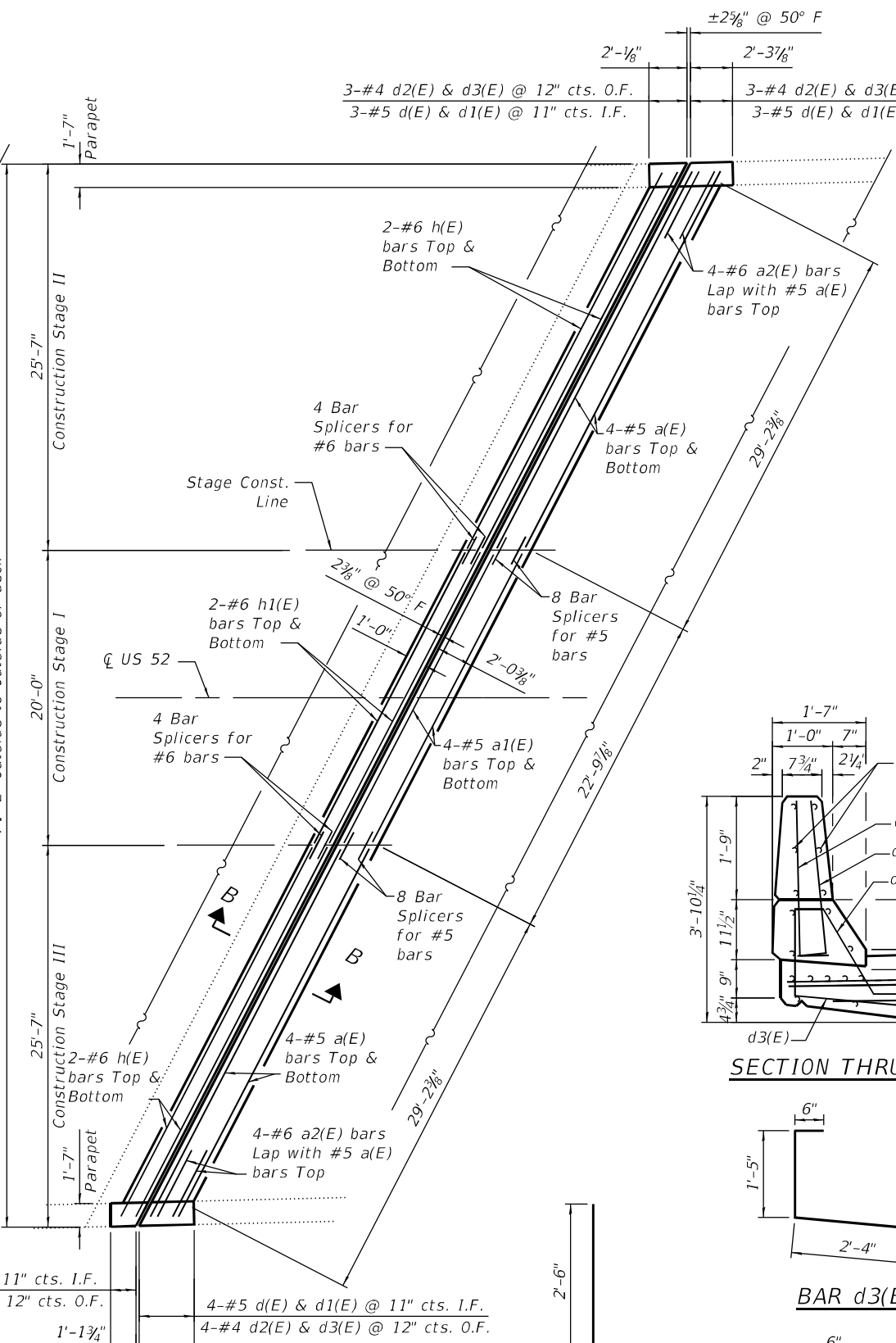
LEGEND
 [Hatched Box] Concrete Removal

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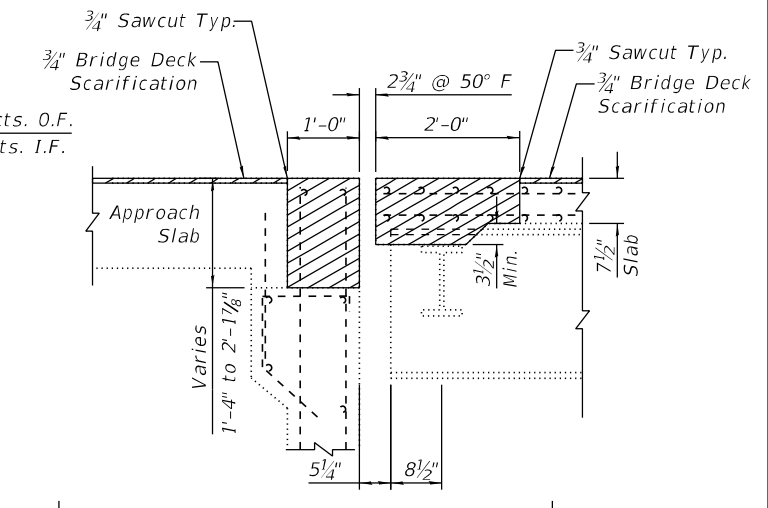


CONCRETE REMOVAL AT WEST ABUTMENT

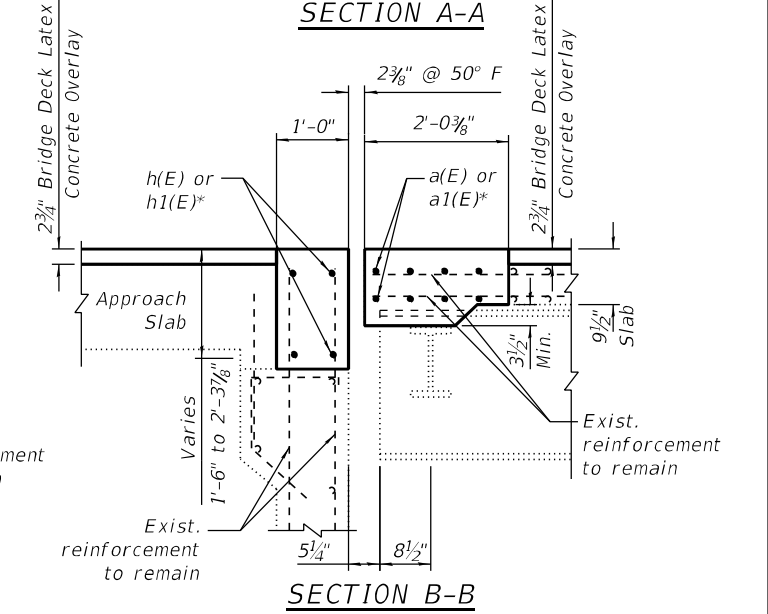
Notes:
 1. Any reinforcement bars that are damaged during concrete removal operations shall be repaired or replaced using an approved bar splicer or anchorage system. Cost included with Concrete Removal.
 2. Existing transverse, longitudinal, and vertical reinforcement bars remaining and extending into the removal areas shall be cleaned, straightened, and incorporated into the new construction. Cost included with Concrete Removal.



CONCRETE REPLACEMENT AT WEST ABUTMENT

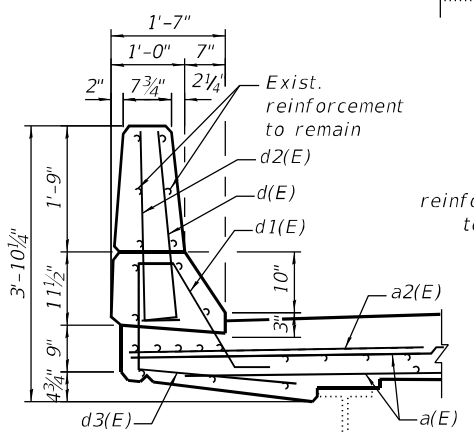


SECTION A-A

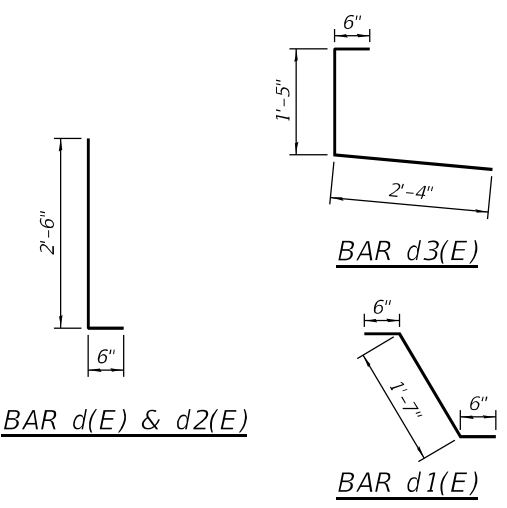


SECTION B-B

*Remove existing bars placed parallel to the joint.



SECTION THRU PARAPET



BILL OF MATERIAL

Bar	No.	Size	Length	Shape
a(E)	16	#5	28'-11"	
a1(E)	8	#5	22'-6"	
a2(E)	8	#6	4'-0"	
d(E)	12	#5	3'-0"	
d1(E)	12	#5	2'-7"	
d2(E)	12	#4	3'-0"	
d3(E)	12	#4	4'-3"	
h(E)	8	#6	28'-11"	
h1(E)	4	#6	22'-6"	
Concrete Removal		Cu Yd	10.2	
Concrete Superstructure		Cu Yd	12.1	
Bar Splicers		Each	24	
Reinforcement Bars, Epoxy Coated		Pound	1,330	

LEGEND

Concrete Removal

AEG ATLAS ENGINEERING GROUP, LTD.

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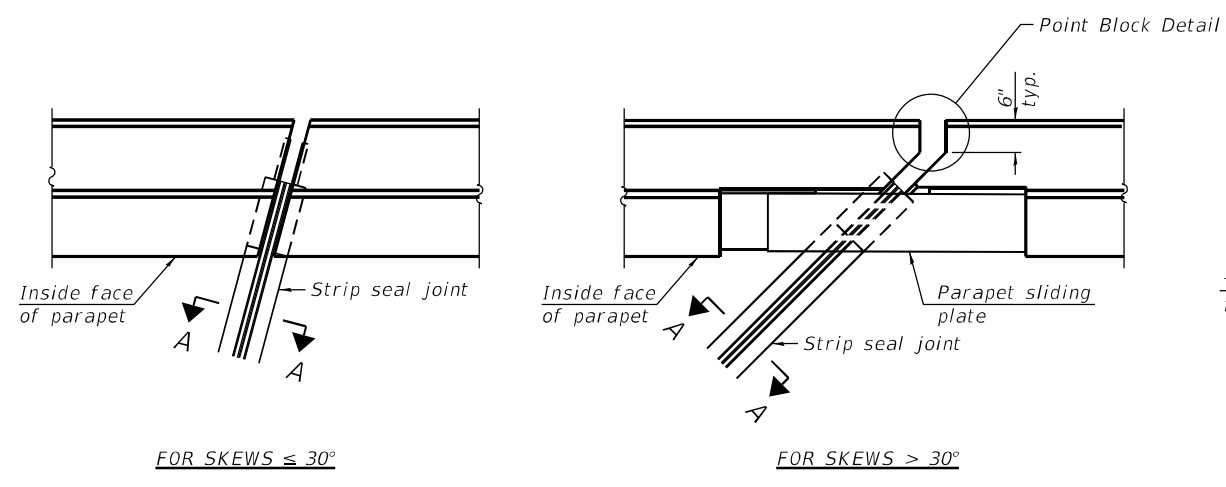
STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION

WEST ABUTMENT EXPANSION JOINT DETAILS
 S.N. 099-0139

SHEET 13 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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ILLINOIS FED. AID PROJECT			CONTRACT NO. 62H16	

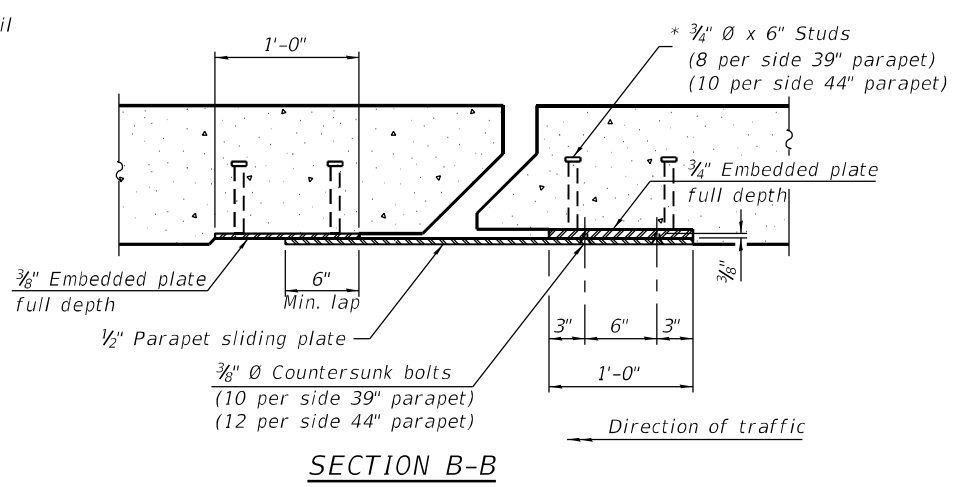
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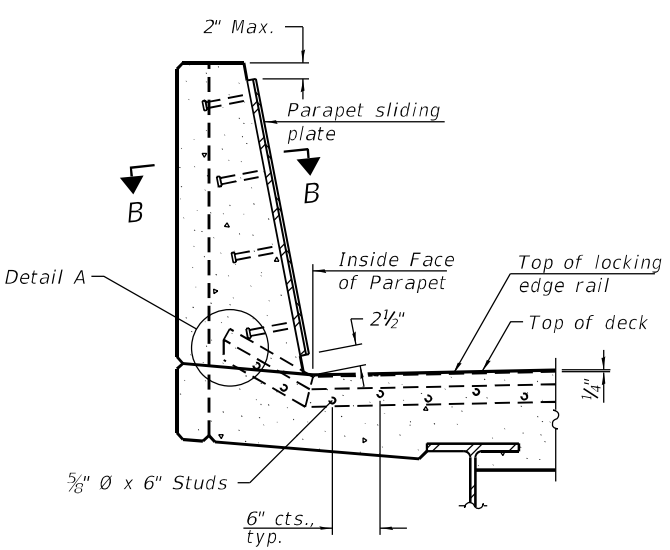
FOR SKEWS $\leq 30^\circ$

PLAN AT PARAPET

FOR SKEWS $> 30^\circ$

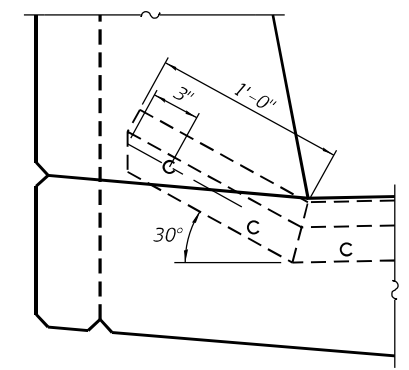


SECTION B-B

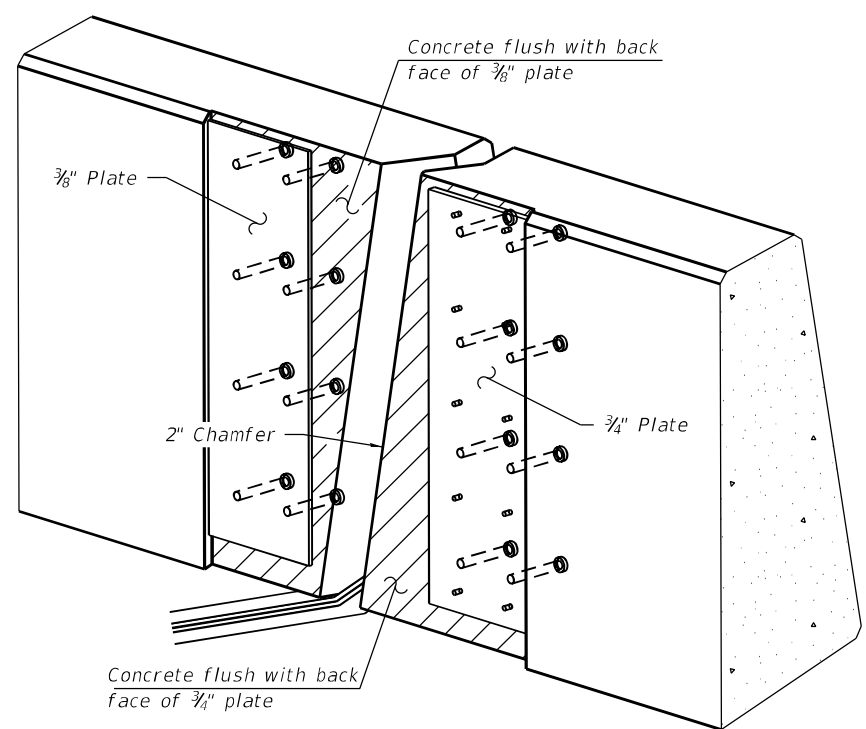


SECTION AT PARAPET

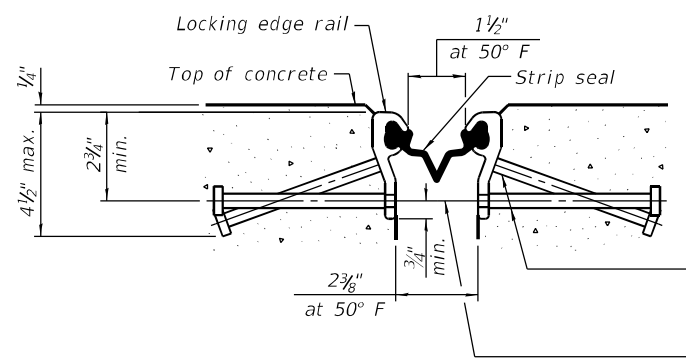
(Skews $> 30^\circ$ shown. Skews $\leq 30^\circ$ similar except as shown in plan view.)



DETAIL A



TRIMETRIC VIEW
 (Showing embedded plates only)



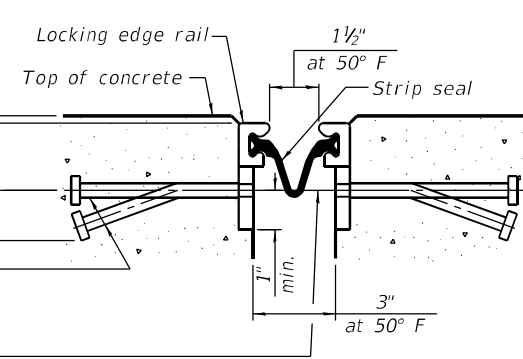
SHOWING ROLLED RAIL JOINT

* $3/8$ inch ϕ x 6 inch studs @ 6 inch cts. (alternate angled/bent studs with horizontal studs)

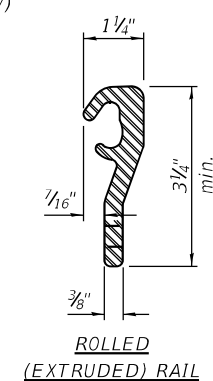
$3/8$ inch ϕ threaded rods in $7/16$ inch ϕ holes at ± 4 -0 inch cts. for holding the proper joint opening based on the temperature during the deck pour. Place to miss studs. All rods shall be burned, or sawed off flush with the plates after concrete is set.

SECTION A-A

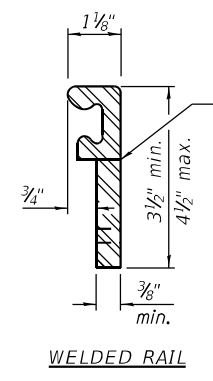
* Granular or solid flux filled headed studs conforming to Article 1006.32 of the Std. Specs., automatically end welded.



SHOWING WELDED RAIL JOINT



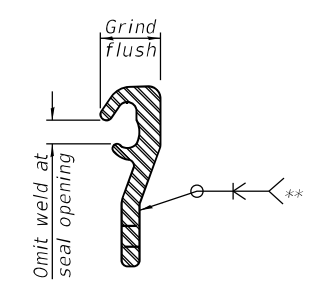
ROLLED (EXTRUDED) RAIL



WELDED RAIL

LOCKING EDGE RAILS

** Back gouge not required if complete joint penetration is verified by mock-up.



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	162

EJ-SS

1-1-2020

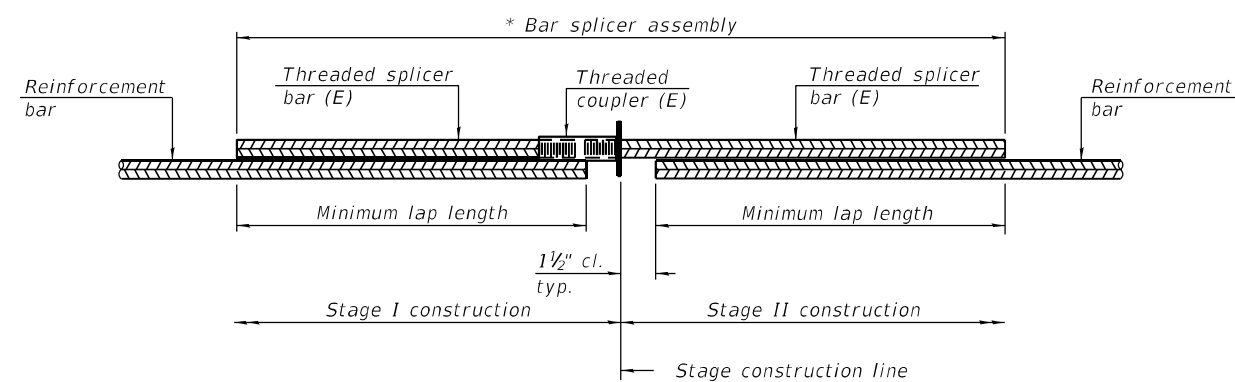
STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

PREFORMED JOINT STRIP SEAL DETAILS
 S.N. 099-0139

SHEET 14 OF 15 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	214
				CONTRACT NO. 62H16

ILLINOIS FED. AID PROJECT

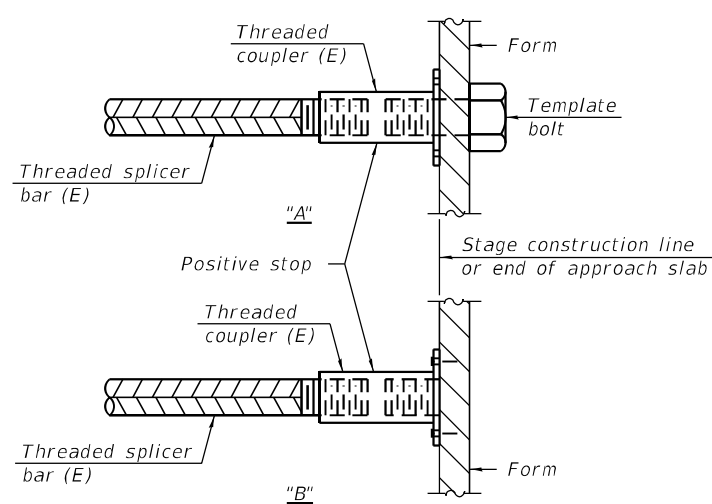


STANDARD BAR SPLICER ASSEMBLY PLAN
 (All components shall be provided from one supplier)

Threaded splicer bar length = min. lap length + 1 1/2" + thread length

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

Location	Bar size	No. assemblies required	Minimum lap length
West Abutment	#5	16	3'-6"
West Abutment	#6	8	4'-0"
East Abutment	#5	16	3'-6"
East Abutment	#6	8	4'-0"

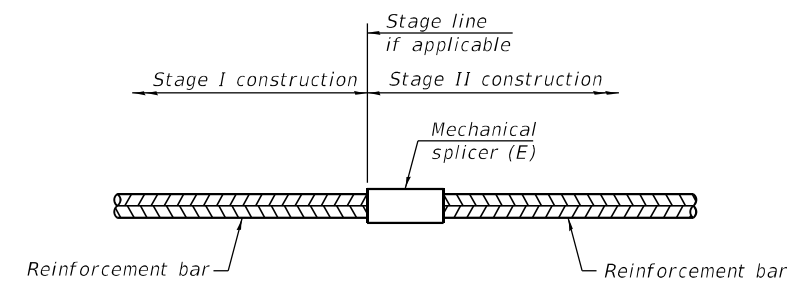


INSTALLATION AND SETTING METHODS

"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

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.

BSD-1

1-1-2020

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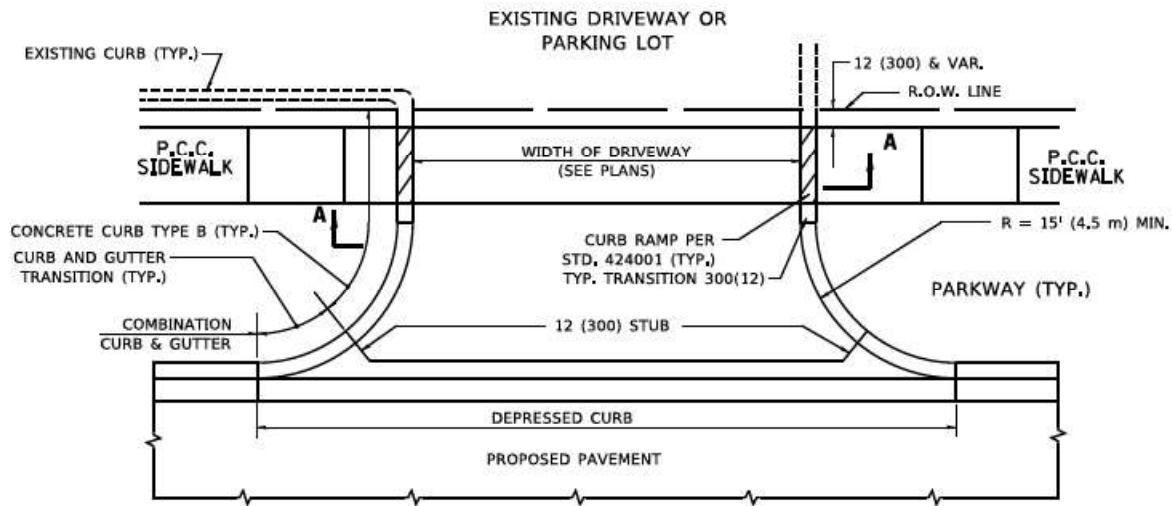
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BAR SPLICER ASSEMBLY AND MECHANICAL SPLICER DETAILS
S.N. 099-0139

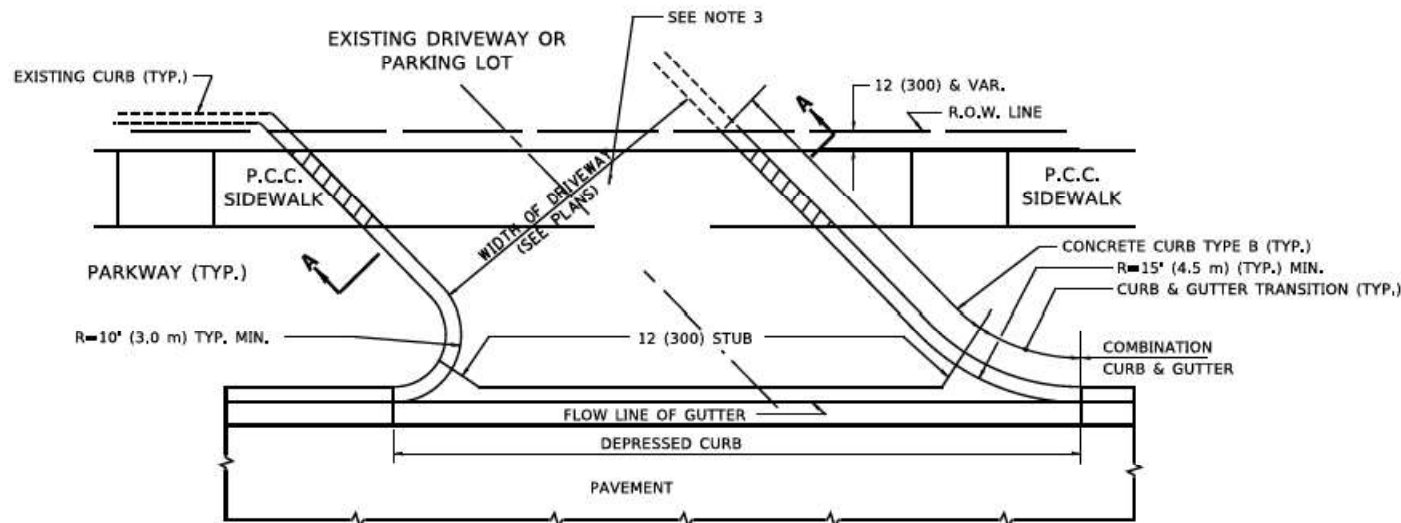
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	215
CONTRACT NO. 62H16				

SHEET 15 OF 15 SHEETS

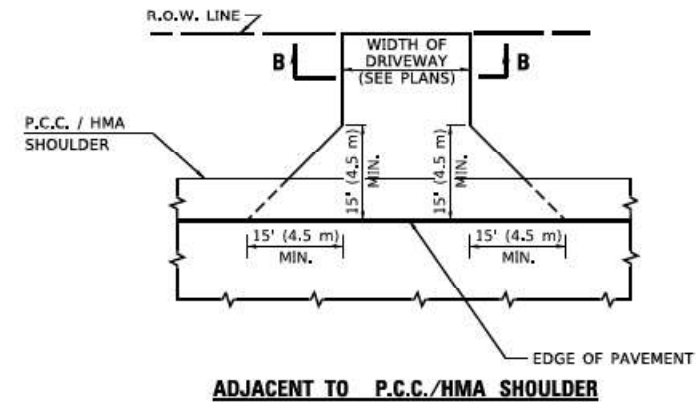
ILLINOIS FED. AID PROJECT



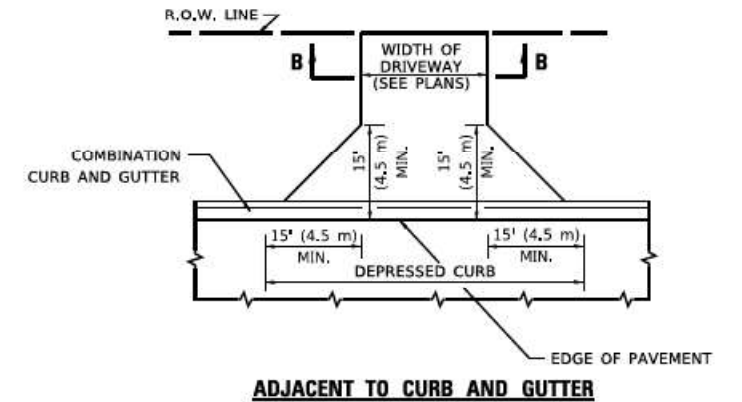
WITH CONCRETE CURB, TYPE B



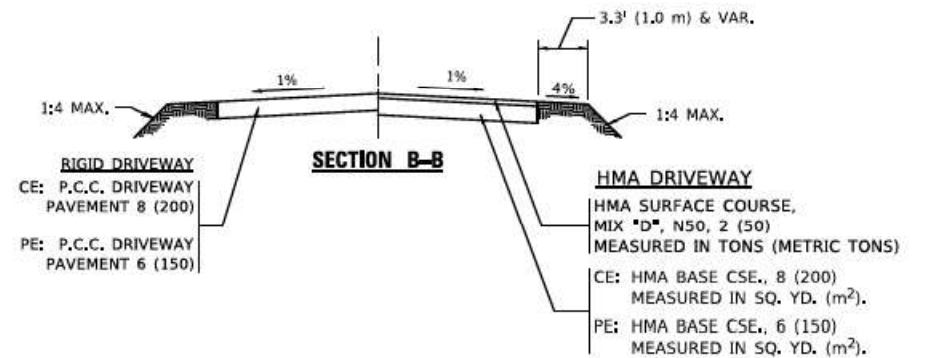
WITH CONCRETE CURB, TYPE B



ADJACENT TO P.C.C./HMA SHOULDER



ADJACENT TO CURB AND GUTTER



GENERAL NOTES:

DRIVEWAY SLOPES, LOCATIONS, & GEOMETRIC LAYOUT SHALL BE IN ACCORDANCE WITH THE LATEST EDITION OF THE "HANDBOOK FOR POLICY ON PERMITS FOR ACCESS DRIVEWAYS TO STATE HIGHWAYS". FOR FURTHER LAYOUT REQUIREMENTS, REFER TO ILLUSTRATIONS IN THE PERMIT HANDBOOK. DRIVEWAYS SHALL BE REPLACED IN KIND, UNLESS OTHERWISE NOTED ON THE PLANS.

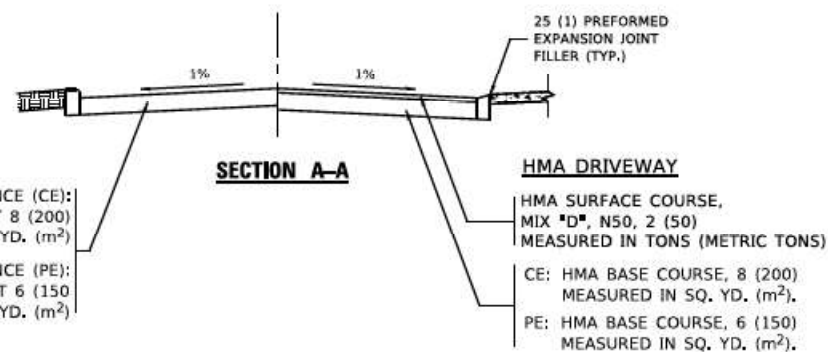
COMMERCIAL DRIVEWAYS SHALL BE CONSTRUCTED WITH CONCRETE CURB, TYPE B RETURNS EXCEPT WHEN THE SIDEWALK EDGE IS 4 FEET (1.2 METERS) OR LESS FROM THE BACK OF CURB, CONSTRUCT A FLARE DRIVEWAY WITHOUT CURB.

THE RESIDENT ENGINEER SHALL CONTACT THE TRAFFIC PERMIT OFFICE AT 847/ 705-4131 FOR ANY QUESTIONS ON DRIVEWAYS SHOWN IN THE PLANS; SPECIFICALLY IN REFERENCE TO ADDITIONAL AND/OR RELOCATION/REMOVAL OF A DRIVEWAY.

COMBINATION CONCRETE CURB & GUTTER SHALL BE MEASURED STRAIGHT ACROSS THE DRIVEWAY. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR THE CURB & GUTTER TRANSITION.

1 (25) PREFORMED EXPANSION JOINT FILLER WILL NOT BE PAID SEPARATELY, BUT SHALL BE CONSIDERED INCLUDED IN THE COST OF THE P.C.C. DRIVEWAY PAVEMENT OR P.C.C. SIDEWALK.

WHEN THE P.C.C. SIDEWALK EXTENDS THROUGH THE DRIVEWAY, THE THICKNESS OF THE SIDEWALK IN THE DRIVEWAY AREA SHALL BE THE SAME AS THE DRIVEWAY THICKNESS. SIDEWALK WILL BE PAID FOR AS P.C.C. SIDEWALK OF THE THICKNESS SPECIFIED. SIDEWALK CROSS SLOPE THRU DRIVEWAY AREA TO BE A MAXIMUM OF 1:50.



RIGID DRIVEWAY
COMMERCIAL ENTRANCE (CE):
P.C.C. DRIVEWAY PAVEMENT 8 (200)
MEASURED IN SQ. YD. (m²)
NON-COMMERCIAL ENTRANCE (PE):
P.C.C. DRIVEWAY PAVEMENT 6 (150)
MEASURED IN SQ. YD. (m²)

HMA DRIVEWAY
HMA SURFACE COURSE,
MIX "D", N50, 2 (50)
MEASURED IN TONS (METRIC TONS)
CE: HMA BASE COURSE, 8 (200)
MEASURED IN SQ. YD. (m²),
PE: HMA BASE COURSE, 6 (150)
MEASURED IN SQ. YD. (m²).

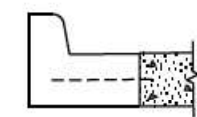
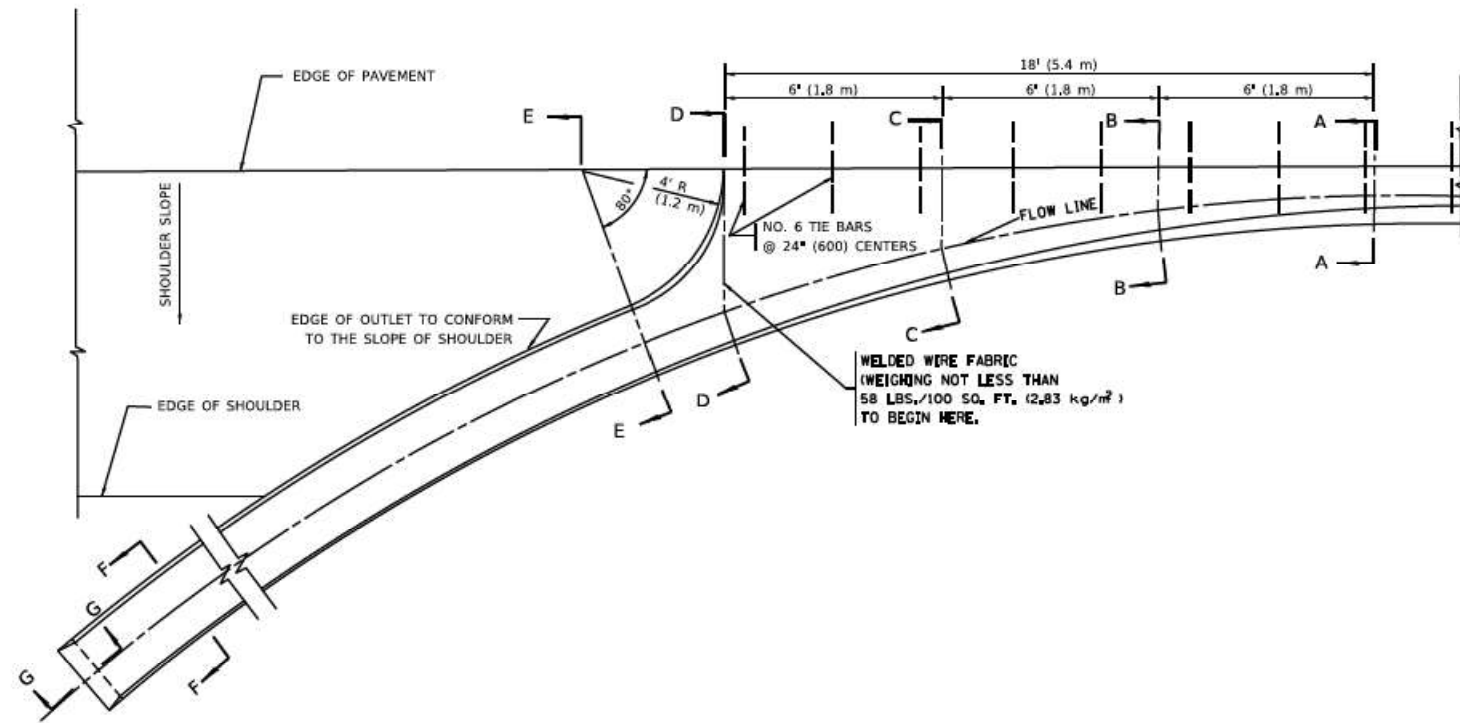
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**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

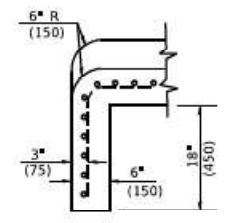
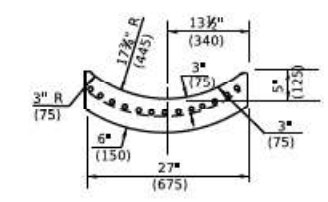
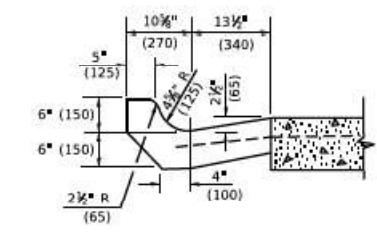
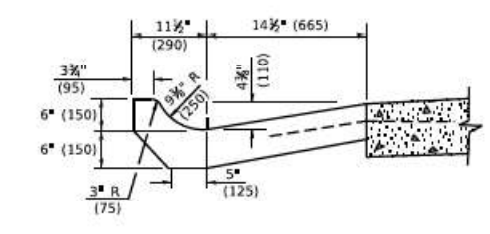
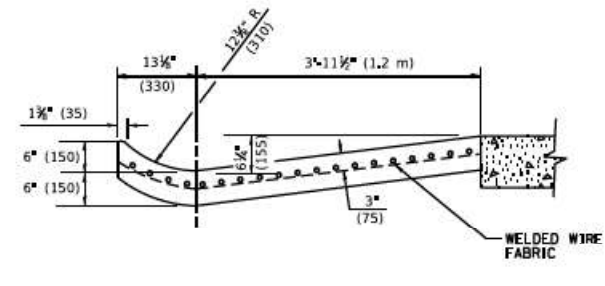
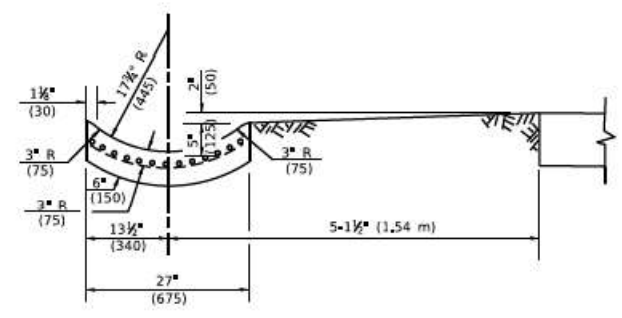
DRIVEWAY DETAILS - DISTANCE BETWEEN R.O.W. AND FACE OF CURB & EDGE OF SHOULDER ≥ 15'(4.5m)	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 607	SECTION 2018-075-B-R	COUNTY WILL	TOTAL SHEETS 280	SHEET NO. 216
BD400-01 (BD-01)			CONTRACT NO. 62H16	
ILLINOIS FED. AID PROJECT				



SECTION A-A *

* DIMENSIONS OF THE CURB & GUTTER AT SECTION A-A ARE SHOWN ON STATE STANDARD 606001, FOR DETAILS OF OUTLET FOR CONCRETE CURB & GUTTER, TYPE B-6.24 (B-15.60) SEE STATE STANDARD 606006.



GENERAL NOTES

GUTTER OUTLET SHALL BE TIED TO THE PAVEMENT IN ACCORDANCE WITH DETAILS FOR LONGITUDINAL CONSTRUCTION JOINT SHOWN ON STANDARD 420001. TIE BARS SHALL BE NO. 20 (NO.6) AT 24" (600) CENTERS UNLESS OTHERWISE SHOWN. IF THE AVERAGE GRADE OF PAVEMENT FOR THE DISTANCE FROM SECTION A-A TO D-D EXCEEDS 2%, THIS DISTANCE SHALL BE INCREASED 6' (1.8 m) FOR EACH 1% INCREASE IN GRADE.

QUANTITIES

FOR SECTION A-A TO E-E AND CURTAIN WALL =
 1.25 CU. YDS. (0.96³m) CLASS SI CONCRETE (OUTLET) FOR 9" (225) PAV'T.
 1.27 CU. YDS. (0.96³m) CLASS SI CONCRETE (OUTLET) FOR 10" (250) PAV'T.
 FOR SECTION F-F =
 0.045 CU. YDS. (0.03³m) CLASS SI CONCRETE PER FT. (M).

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

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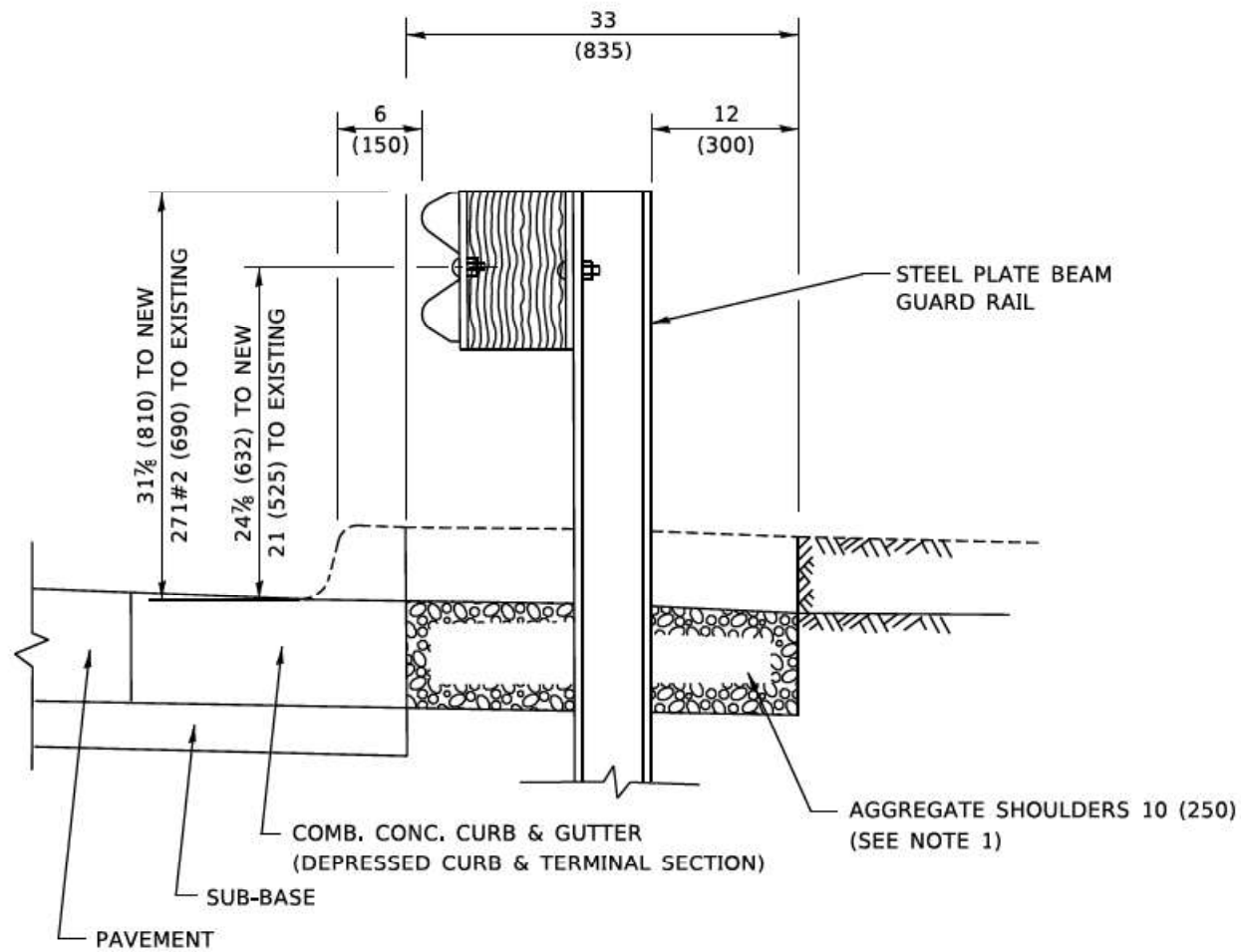
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PLOT DATE = 3/27/2019	CHECKED -	REVISED - E. GOMEZ 12-21-00
	DATE - 08-04-86	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

OUTLET FOR CONCRETE
 CURB AND GUTTER

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

F.A.P. RTE. 607	SECTION 2018-075-B-R	COUNTY WILL	TOTAL SHEETS 280	SHEET NO. 217
BD600-01 (BD-03)		CONTRACT NO. 62H16		
ILLINOIS FED. AID PROJECT				



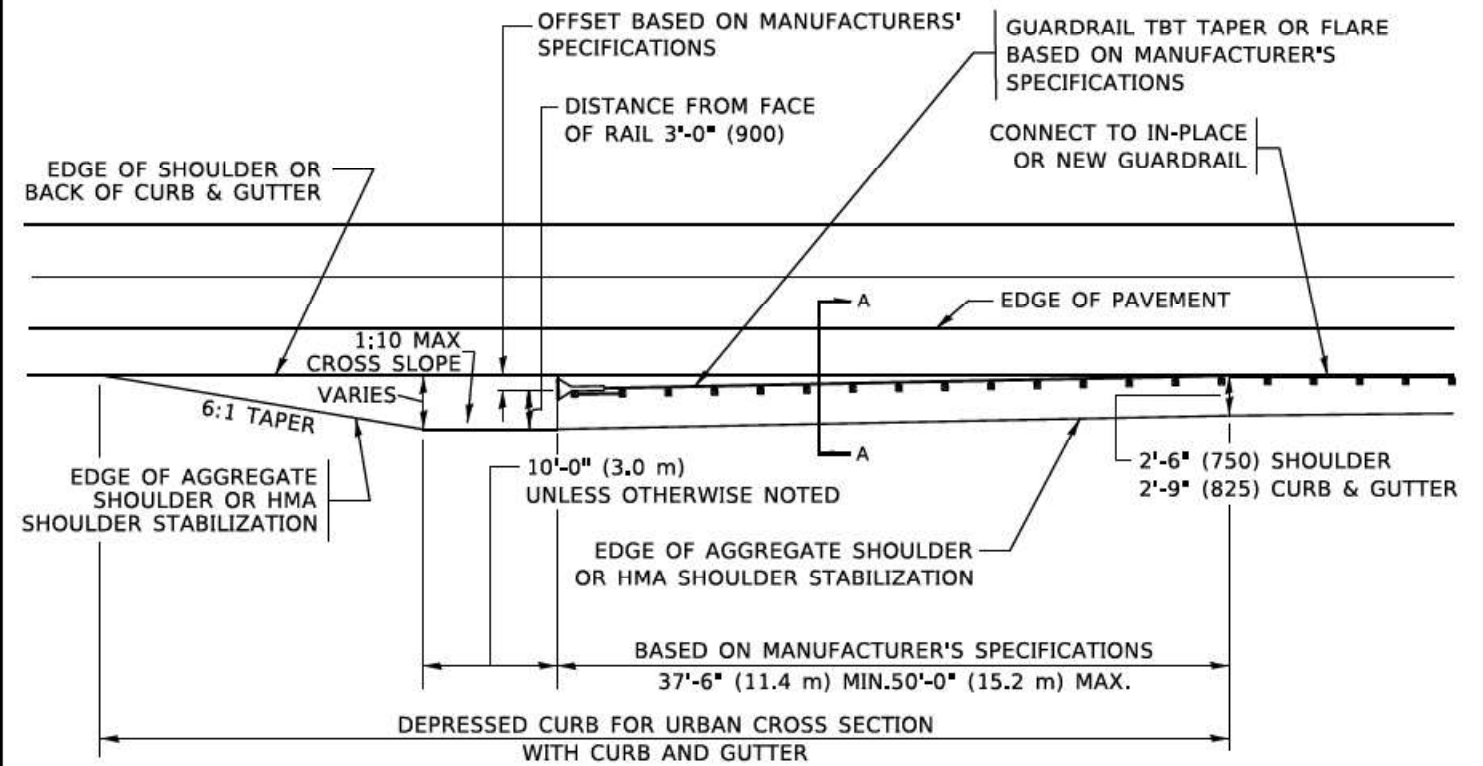
SECTION A-A

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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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

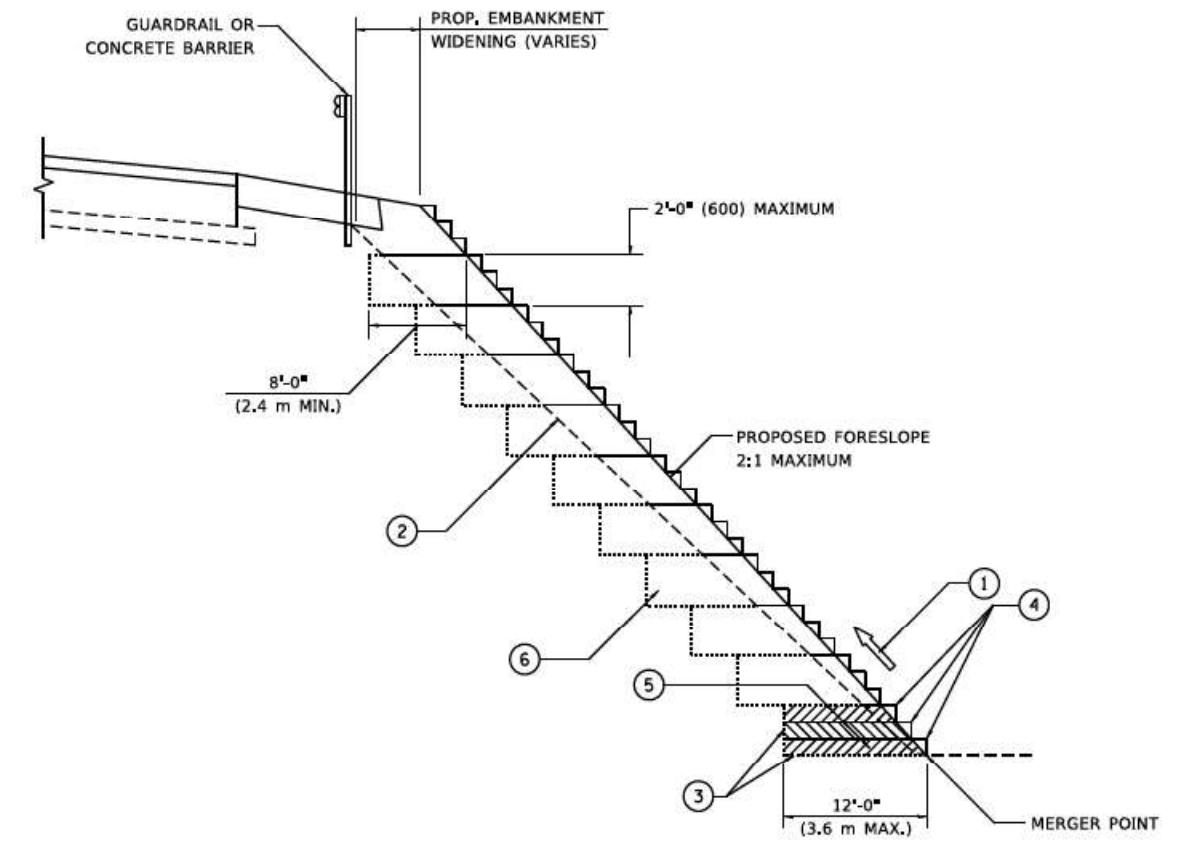
DETAILS FOR DEPRESSED CURB & GUTTER AND
SHOULDER TREATMENT AT TBT TY.1 SPL.

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

F.A.P. RTE. 607	SECTION 2018-075-B-R	COUNTY WILL	TOTAL SHEETS 280	SHEET NO. 218
BD600-10 (BD 34)			CONTRACT NO. 62H16	
ILLINOIS FED. AID PROJECT				

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 DRAWN - CADD
 CHECKED - S.E.B.
 DATE - 06-16-04



**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.

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DATE	06-16-04	REVISIONS			

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

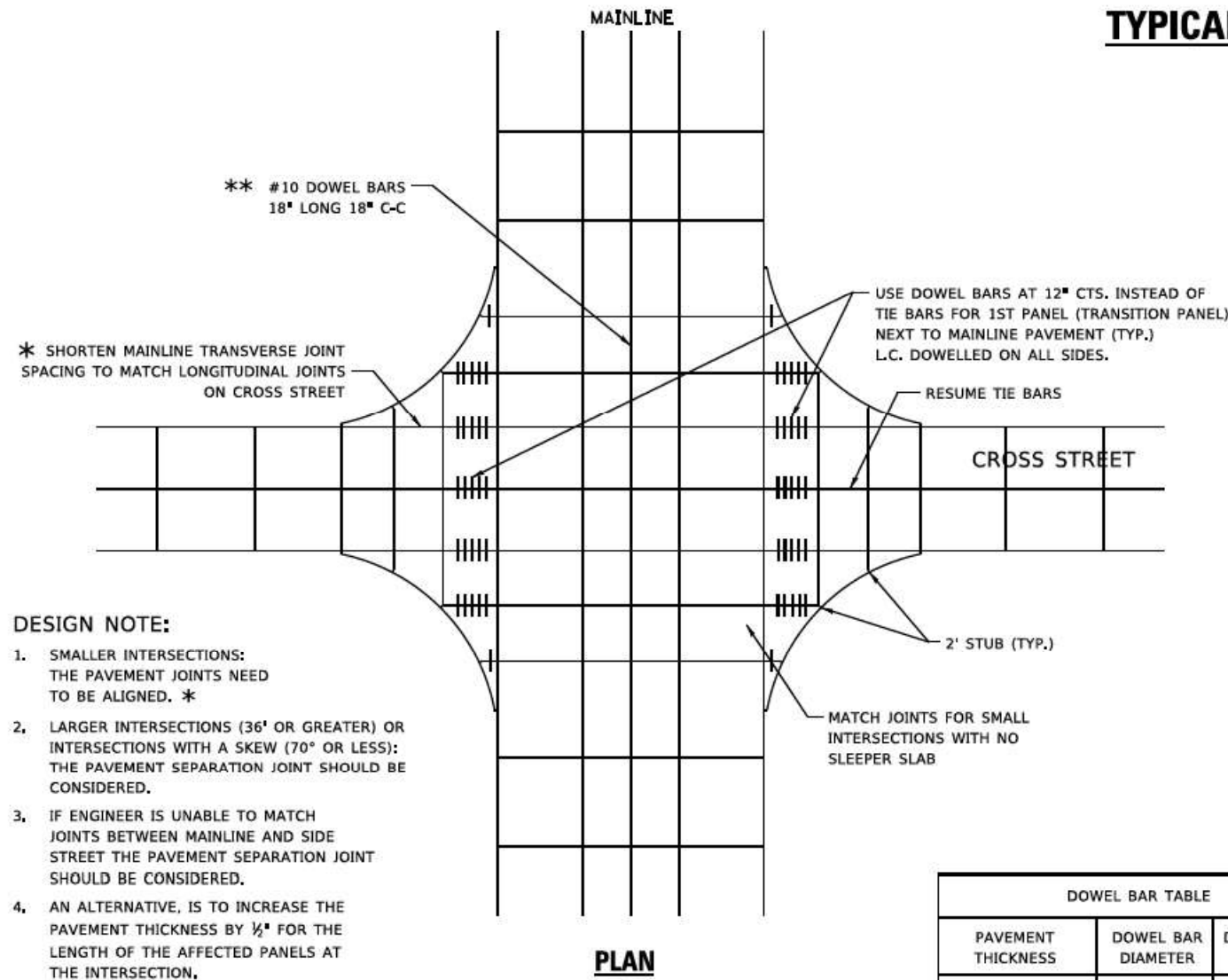
**BENCHING DETAIL
 FOR EMBANKMENT WIDENING**

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

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	219
BD-51			CONTRACT NO. 62H16	
ILLINOIS FED. AID PROJECT				

TYPICAL APPLICATION

THE USE OF CROSS STREET PAVEMENT SEPARATION JOINTS FOR SKEWED OR LARGE INTERSECTIONS WHERE JOINTS MAY NOT MATCH

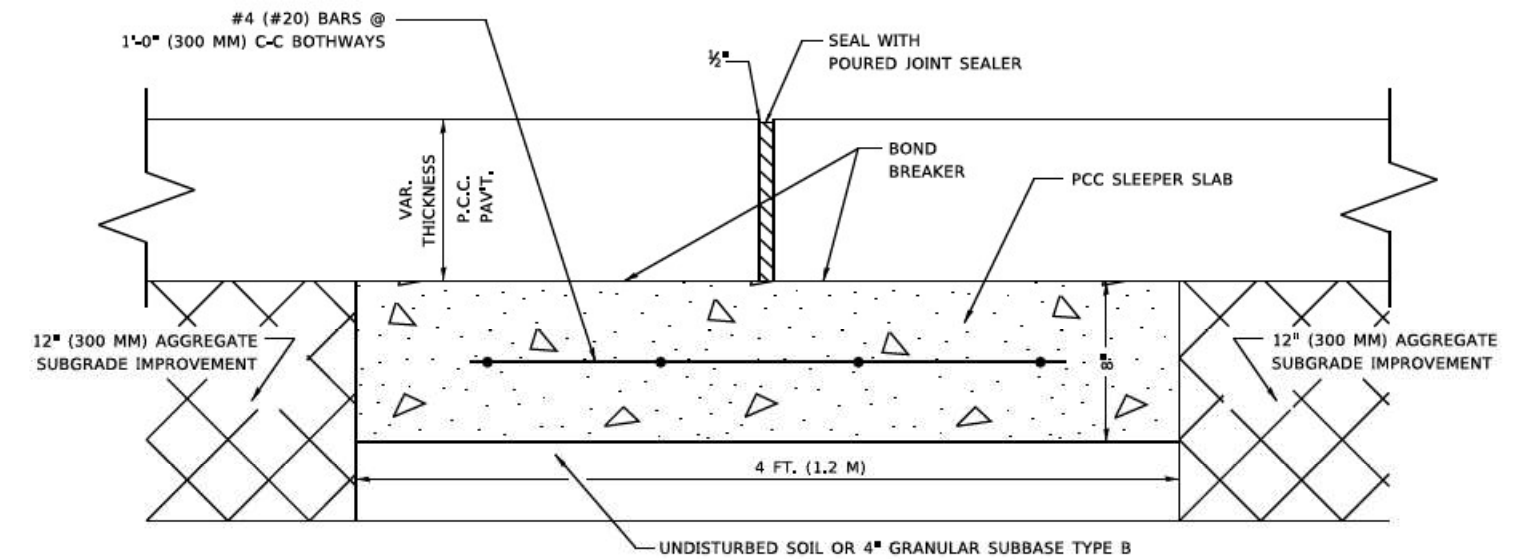
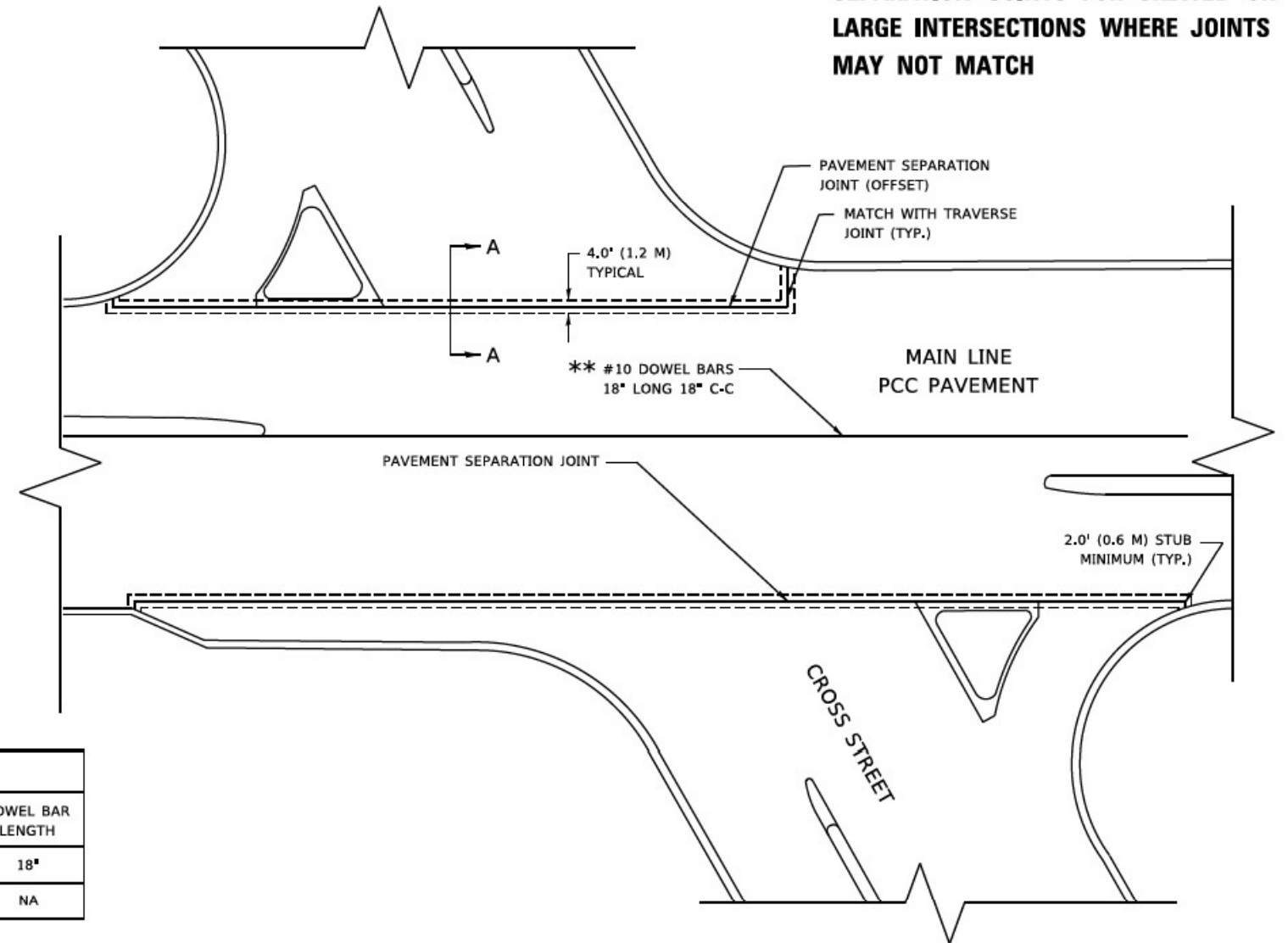


DESIGN NOTE:

1. SMALLER INTERSECTIONS: THE PAVEMENT JOINTS NEED TO BE ALIGNED. *
2. LARGER INTERSECTIONS (36' OR GREATER) OR INTERSECTIONS WITH A SKEW (70° OR LESS): THE PAVEMENT SEPARATION JOINT SHOULD BE CONSIDERED.
3. IF ENGINEER IS UNABLE TO MATCH JOINTS BETWEEN MAINLINE AND SIDE STREET THE PAVEMENT SEPARATION JOINT SHOULD BE CONSIDERED.
4. AN ALTERNATIVE, IS TO INCREASE THE PAVEMENT THICKNESS BY 1/2" FOR THE LENGTH OF THE AFFECTED PANELS AT THE INTERSECTION.
5. FOR LARGE INTERSECTIONS, (6 LANES OR MORE) WHERE JOINTS CAN BE MATCHED, USE #8 (25) DOWEL BARS INSTEAD OF #8 (25) TIE BARS AT EDGE OF MAINLINE PAVEMENT WHEN NO PAVEMENT SEPARATION JOINTS USED.

PLAN

DOWEL BAR TABLE		
PAVEMENT THICKNESS	DOWEL BAR DIAMETER	DOWEL BAR LENGTH
8" OR GREATER	1 1/2"	18"
LESS THAN 8"	NA	NA



PROPOSED SECTION A-A

NOTE:

1. JOINT FILLER SHALL CONSIST OF A SHEET OF 1/2" BITUMINOUS PREFORMED FIBER JOINT FILLER CONFORMING TO ARTICLE 1051.03 OF THE STANDARD SPECIFICATIONS.
2. THE JOINT SHALL BE SEALED WITH A HOT POUR JOINT SEALER CONFORMING TO ARTICLE 1050.02 OF THE STANDARD SPECIFICATIONS.
3. A SINGLE LAYER OF FELT ROOFING PAPER SHALL SERVE AS A BOND BREAKER.
4. JOINT SHALL CONTINUE THROUGH COMBINATION CURB & GUTTER OR PCC SHOULDER,

METHOD OF MEASUREMENT

THIS WORK WILL BE MEASURED FOR PAYMENT IN FEET, MEASURED IN PLACE.

BASIS OF PAYMENT

1. THIS WORK WILL BE PAID FOR AT THE UNIT PRICE PER FOOT FOR "SLEEPER SLAB".
2. BOND BREAKER AND 1/2" (13MM) JOINT FILLER SHALL BE INCLUDED IN THE PAY ITEM "SLEEPER SLAB"

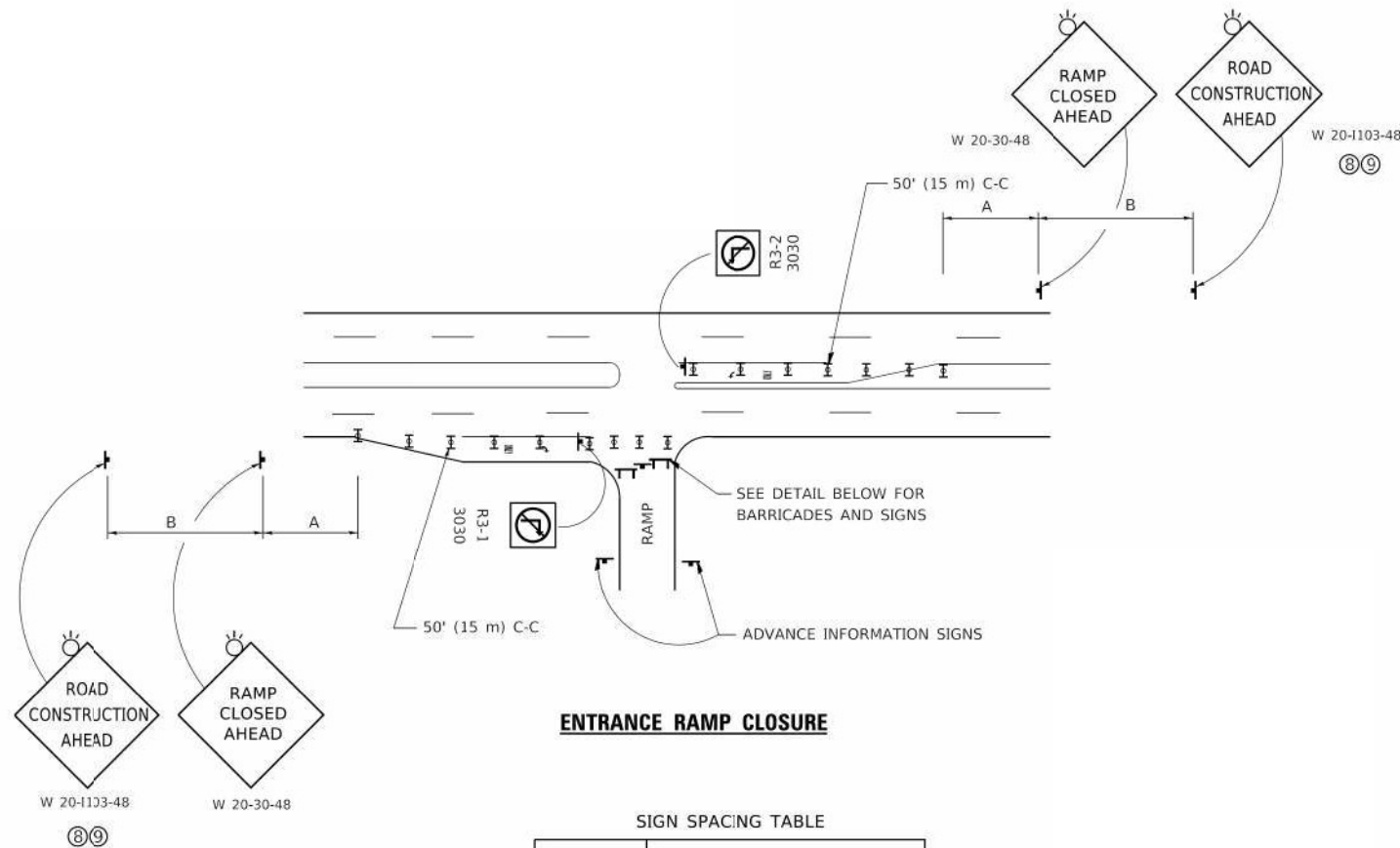
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PLOT DATE = 3/27/2019	CHECKED - AM	REVISED -
	DATE - 05-14-2002	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

DETAIL OF PAVEMENT SEPARATION JOINT FOR JOINTED PCC PAVEMENTS AT INTERSECTIONS	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 607	SECTION 2018-075-B-R	COUNTY WILL	TOTAL SHEETS 280	SHEET NO. 220
BD52			CONTRACT NO. 62H16	
ILLINOIS FED. AID PROJECT				

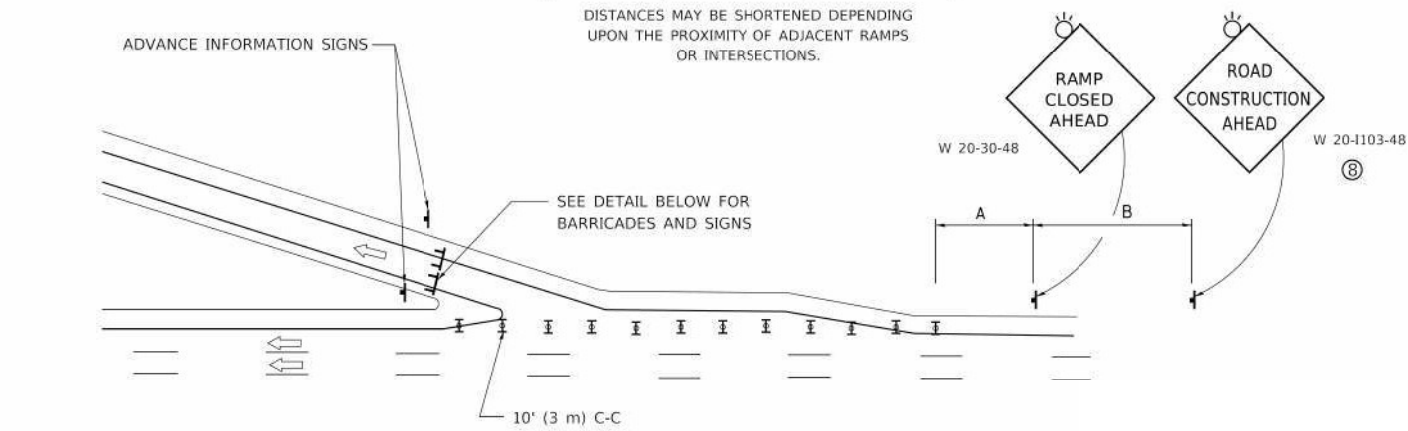


ENTRANCE RAMP CLOSURE

SIGN SPACING TABLE

FACILITY	DISTANCE BETWEEN SIGNS	
	A	B
EXPRESSWAY >24 HOURS	1000' (300 m)	1500' (450 m)
EXPRESSWAY ≤24 HOURS	500' (150 m)	500' (150 m)
ARTERIAL 55 MPH	500' (150 m)	500' (150 m)
ARTERIAL 50-45 MPH	350' (100 m)	350' (100 m)
ARTERIAL <45 MPH	200' (60 m)	200' (60 m)

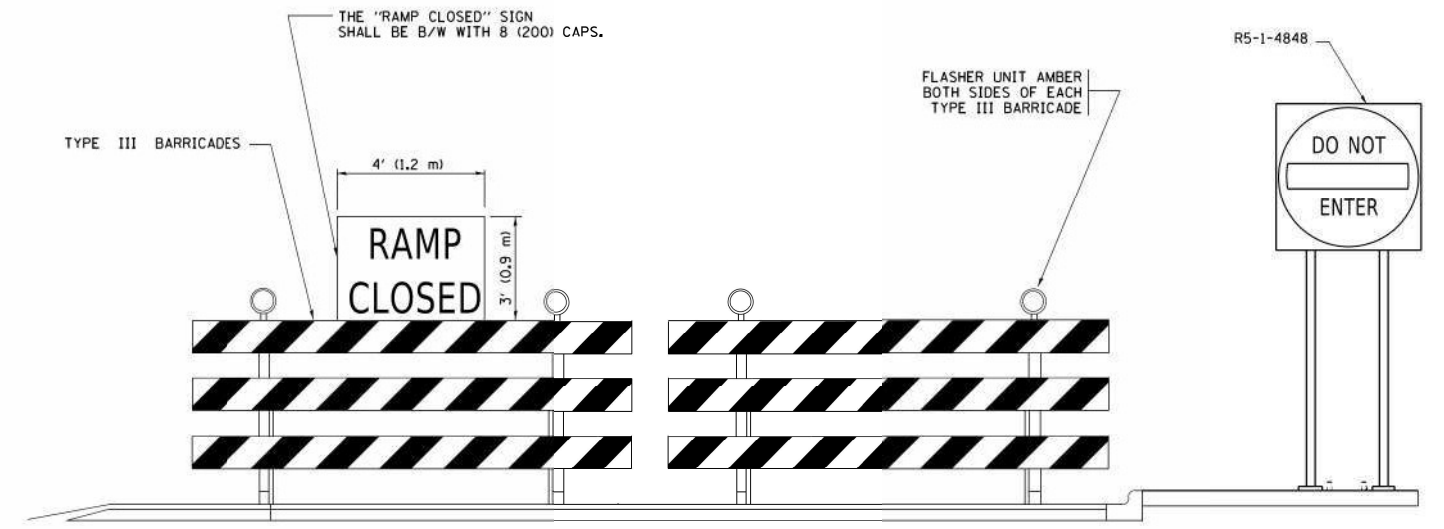
DISTANCES MAY BE SHORTENED DEPENDING UPON THE PROXIMITY OF ADJACENT RAMPS OR INTERSECTIONS.



EXIT RAMP CLOSURE

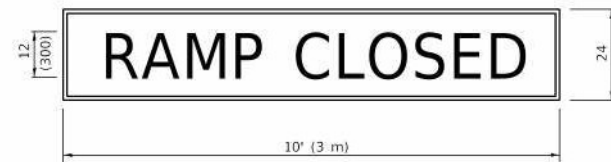
SYMBOLS

- ▬ TYPE II BARRICADE OR DRUM
- ▬ TYPE II BARRICADE WITH 2 FLASHING LIGHTS



DETAIL FOR REQUIRED BARRICADES & SIGNS

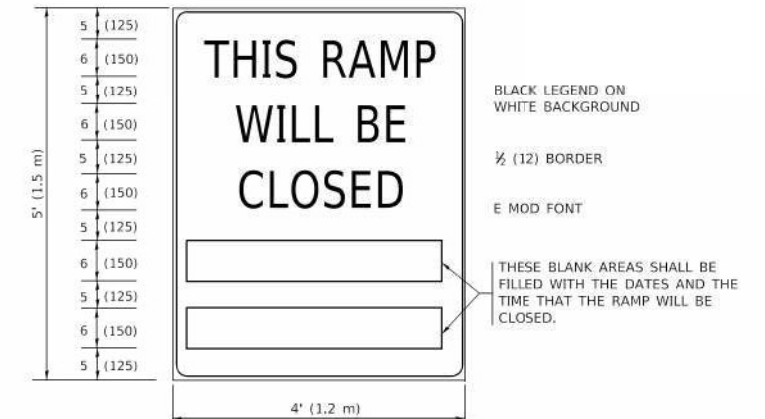
RAMP CLOSURE ADVANCE WARNING SIGN



BLACK LEGEND ON ORANGE BACKGROUND MOUNTED DIAGONALLY
E MOD FONT
1 (25) BORDER

THESE SIGNS ARE REQUIRED ON ALL THE EXIT GUIDE SIGNS FOR EXIT RAMPS THAT WILL BE CLOSED FOR MORE THAN FOUR (4) CONSECUTIVE DAYS.

RAMP CLOSURE ADVANCE INFORMATION SIGN



BLACK LEGEND ON WHITE BACKGROUND

1/2 (12) BORDER

E MOD FONT

THESE BLANK AREAS SHALL BE FILLED WITH THE DATES AND THE TIME THAT THE RAMP WILL BE CLOSED.

THESE SIGNS ARE REQUIRED ON BOTH SIDES OF THE RAMP, MINIMUM OF 1 WEEK IN ADVANCE OF THE CLOSURE.

THESE SIGNS SHALL BE FABRICATED AND PAID FOR ACCORDING TO THE TEMPORARY INFORMATION SIGNING SPECIAL PROVISION

GENERAL NOTES:

- ① CONES MAY BE SUBSTITUTED FOR DRUMS OR TYPE II BARRICADES DURING DAY OPERATIONS. CONES SHALL BE A MINIMUM OF 28 (700) HIGH.
- ② VERTICAL BARRICADES SHALL NOT BE USED FOR RAMP CLOSURES.
- ③ A FLAGGER SHALL BE POSITIONED AT EACH CLOSED RAMP THAT IS OPEN TO CONSTRUCTION VEHICLES, PRECEDED BY A W20-7 FLAGGER WARNING SIGN.
- ④ ALL ROUTE MARKERS AND TRAILBLAZER ASSEMBLIES WHICH DIRECT MOTORISTS TO A CLOSED ENTRANCE RAMP SHALL BE COVERED WHEN THE RAMP IS CLOSED FOR MORE THAN FOUR (4) DAYS.
- ⑤ THE SIGNING AND BARRICADING WHICH IS REQUIRED BY THIS DETAIL SHALL BE INCLUDED IN THE COST OF TRAFFIC CONTROL AND PROTECTION (EXPRESSWAYS).
- ⑥ AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL RAMP CLOSURES.
- ⑦ THE RAMP CLOSURE ADVANCE INFORMATION SIGNS SHALL BE ERECTED IF THE CLOSURE TIME EXCEEDS TWENTY-FOUR (24) HOURS. ADDITIONAL ADVANCE WARNING SIGNS ON EXIT GUIDE SIGNING WILL BE REQUIRED FOR EXIT RAMP CLOSURES THAT EXCEED FOUR (4) DAYS IN LENGTH.
- ⑧ ROAD CONSTRUCTION AHEAD SIGNS MAY BE OMITTED WHEN THIS DETAIL IS USED IN CONJUNCTION WITH OTHER TRAFFIC CONTROL THAT ALREADY INCLUDES A ROAD CONSTRUCTION AHEAD SIGN.
- ⑨ ARTERIAL ROAD CONSTRUCTION AHEAD SIGNS SHALL BE INSTALLED ON THE LEFT SIDE OF TRAFFIC IF THE MEDIAN IS MORE THAN 10 FT WIDE.

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

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

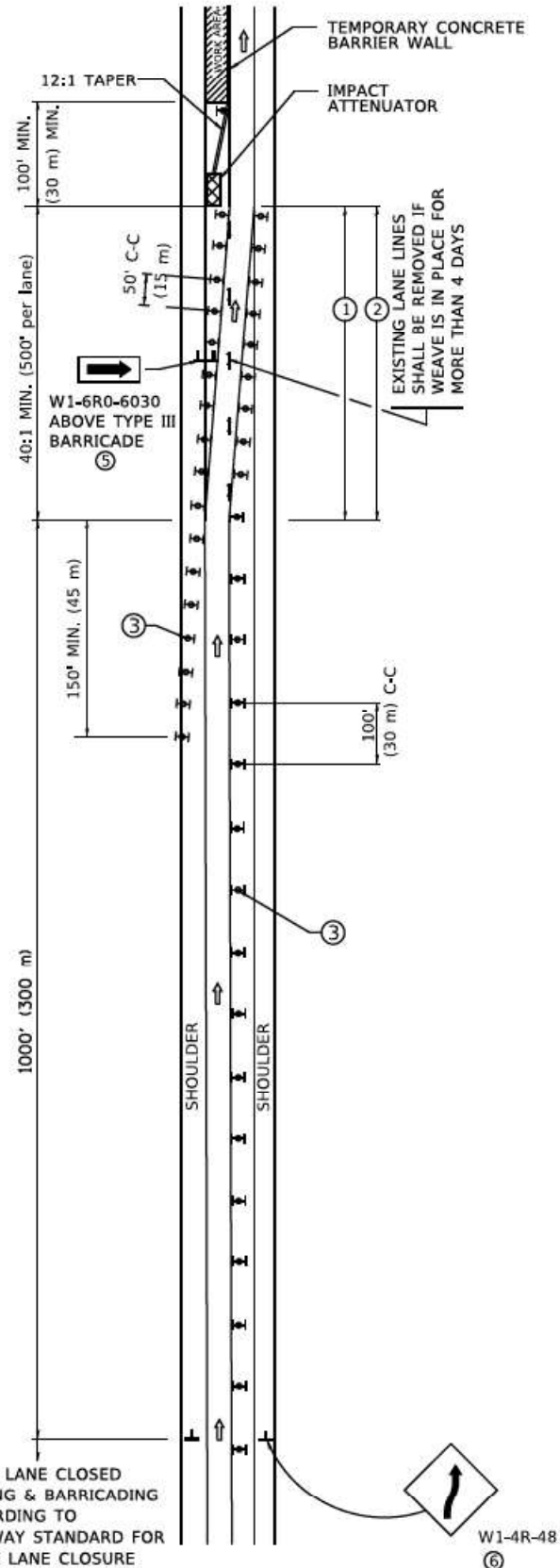
**ENTRANCE AND EXIT RAMP
CLOSURE DETAILS**

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

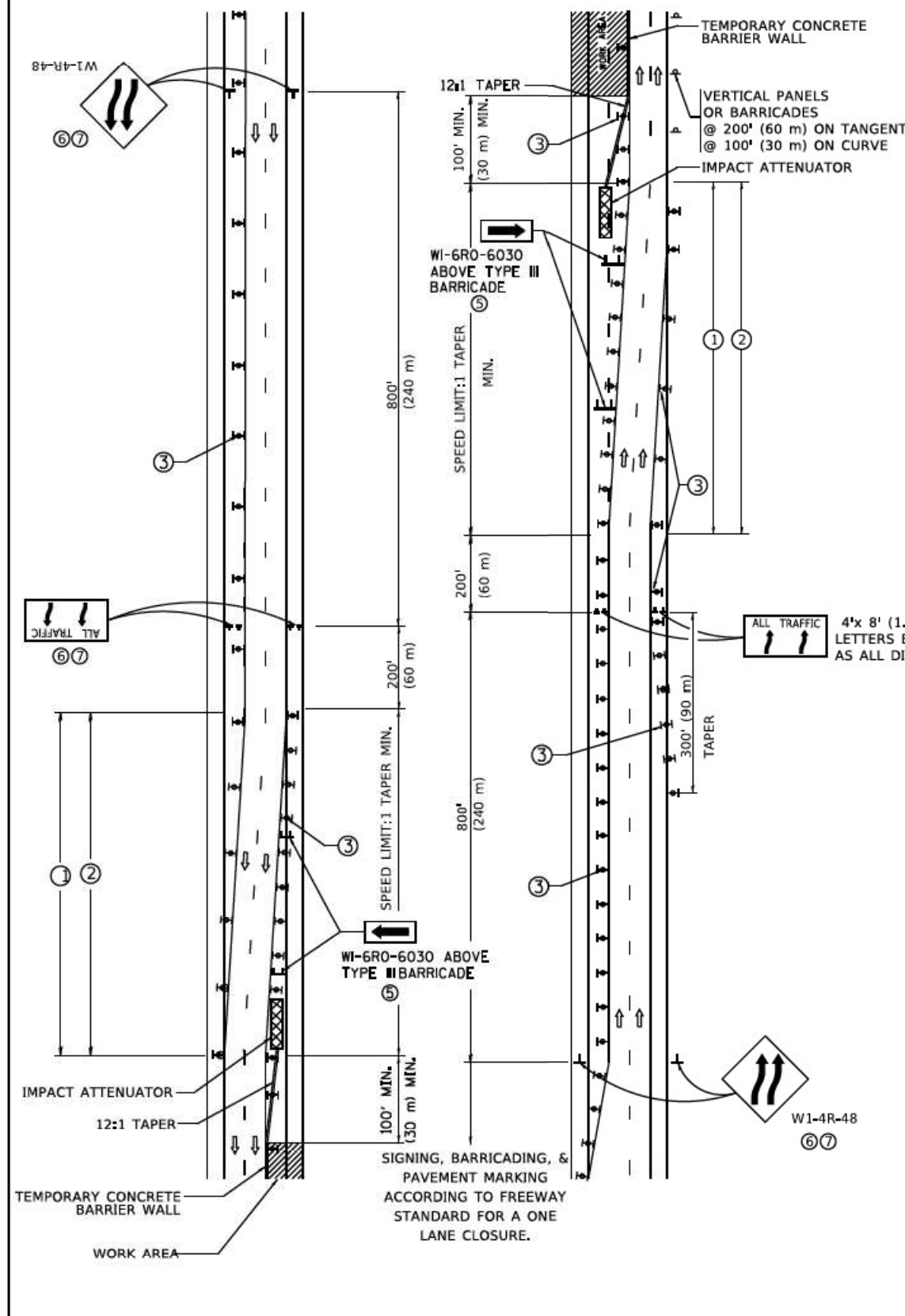
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TC-08			CONTRACT NO. 62H16	
ILLINOIS FED. AID PROJECT				

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SINGLE LANE WEAVE



MULTI-LANE WEAVE



- GENERAL NOTES:**
- EXISTING CONFLICTING PAVEMENT MARKING LINES SHALL BE REMOVED. PAVEMENT MARKING REMOVAL SHALL NOT BE REQUIRED FOR SINGLE LANE WEAVES UNDER 4 DAYS IN DURATION.
 - CONTINUOUS REFLECTIVE TEMPORARY PAVEMENT MARKING TAPE SHALL BE PLACED THROUGHOUT THE TAPER AND FOR 300' (90 m) ALONG SIDE THE WORK AREA WHERE THE CLOSURE TIME IS GREATER THAN FOURTEEN DAYS. THE LEFT EDGE LINE SHALL BE YELLOW AND THE RIGHT EDGE LINE SHALL BE WHITE. FOR MULTI-LANE WEAVES LANE LINES SHALL BE 5 INCH, 10'-30' (3 m-9 m) SKIP DASH, WHITE.
 - PLASTIC DRUMS WITH STEADY BURN LIGHTS AT 50' (15 m) C-C SPACING IN TAPERS AND 100' (30 m) C-C SPACING IN TANGENTS.
 - ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
 - TYPE III BARRICADES MAY BE OMITTED FOR SINGLE-LANE WEAVES UNDER 24-HOURS IN DURATION. W1-6 SIGNS WILL STILL BE REQUIRED. IF THE WIDTH OF OFFSET IS LESS THAN 6' THEN THE TYPE III BARRICADE WITH ATTACHED ARROW SIGN PANEL CAN BE ELIMINATED IN THE TAPER AREAS.
 - WHEN THE LENGTH OF THE SHIFTED SEGMENT (DISTANCE BETWEEN WEAVE POINTS) IS LESS THAN 1500', DOUBLE REVERSE CURVE SIGNS (W24-1) SHOULD BE USED INSTEAD OF THE REVERSE CURVE (W1-4) SIGNS. ARROWS ON THE 4'X8' "ALL TRAFFIC" SIGNS SHALL BE THE SAME SHAPE.
 - THE NUMBER OF ARROWS ON THESE SIGNS SHALL MATCH THE NUMBER OF LANES OPEN TO TRAFFIC.

ALL TRAFFIC 4'x 8' (1.2 m x 2.4 m); 1 (25) BORDER; 10 (250) CAPITAL LETTERS BACKGROUND SHEETING SHALL BE THE SAME AS ALL DIAMOND SHAPED CONSTRUCTION SIGNS.

- SYMBOLS**
- DIRECTION OF TRAFFIC
 - WORK AREA
 - SIGN ON PORTABLE OR PERMANENT SUPPORT
 - TYPE II BARRICADE OR DRUM WITH MONO-DIRECTIONAL STEADY BURNING LIGHT
 - TEMPORARY CONCRETE BARRIER WALL
 - IMPACT ATTENUATOR
 - W1-4R-48 (6, 7)
 - W24-1-48 (7)

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

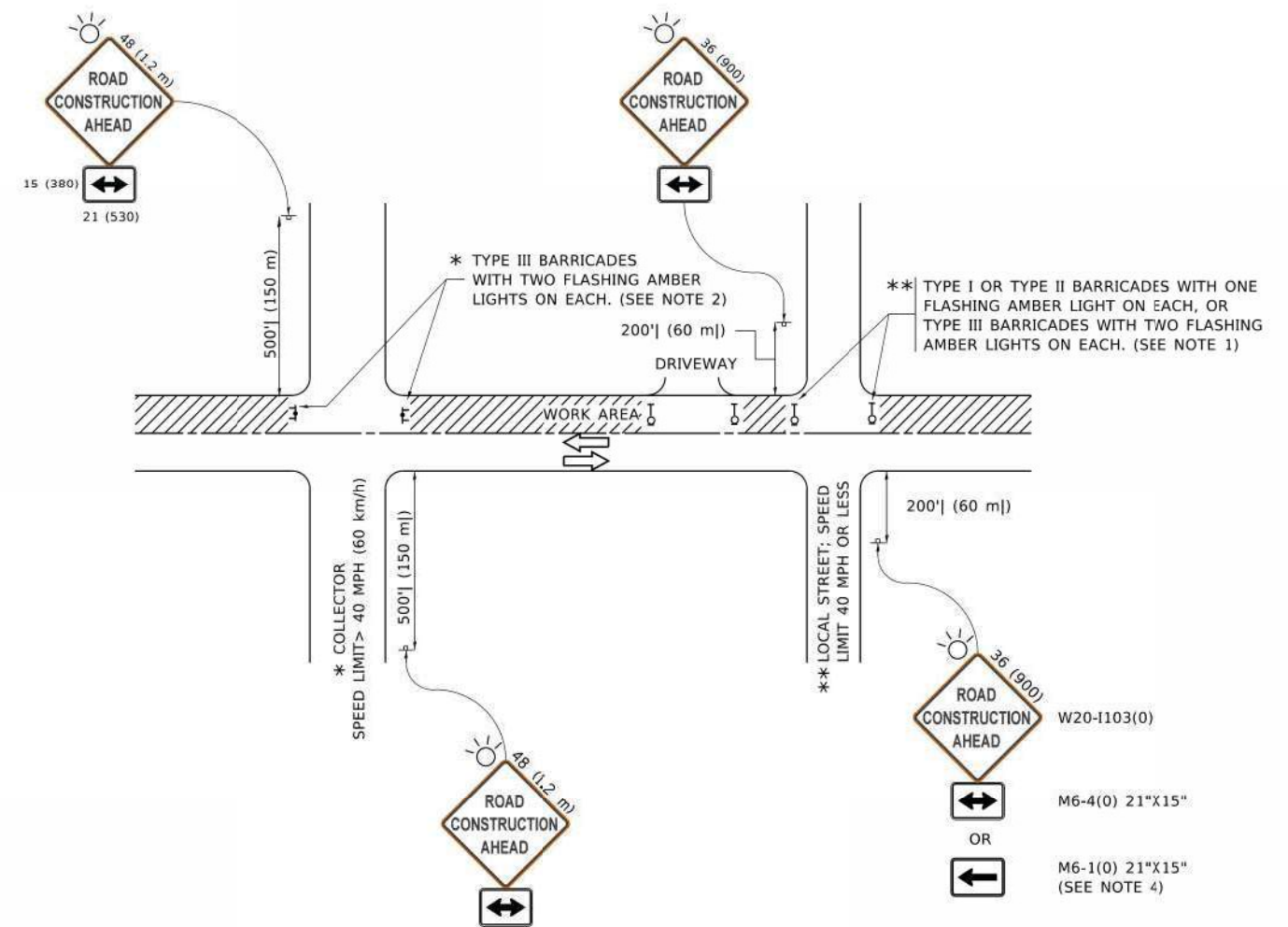
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	DATE - 02-87	REVISED - M.D. 06-13

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

TRAFFIC CONTROL DETAILS FOR FREEWAY SINGLE & MULTI-LANE WEAVE	
SCALE: NONE	SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE. 607	SECTION 2018-075-B-R	COUNTY WILL	TOTAL SHEETS 280	SHEET NO. 222
TC-09		CONTRACT NO. 62H16		
ILLINOIS FED. AID PROJECT				



NOTES:

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 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) BLOCKING WITH TYPE III BARRICADES, 1/2 OF THE CROSS SECTION OF THE CLOSED PORTION.
3. 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.
4. SIGNING AND THE WORK ZONE, A SINGLE HEADED ARROW (M6-1) SHALL BE USED IN LIEU OF THE DOUBLE HEADED ARROW (M6-4).
5. WHEN WORK IS BEING PERFORMED ON A SIDE ROAD OR DRIVEWAY, FOLLOW THE APPLICABLE STANDARD(S). THE DIRECTIONAL ARROW (M6-1 OR M6-4) SHALL BE COVERED OR REMOVED WHEN NO LONGER CONSISTENT WITH THE TRAFFIC CONTROL SET-UP.
6. ADVANCE WARNING SIGNS ARE TO BE OMITTED ON DRIVEWAYS UNLESS OTHERWISE SPECIFIED IN THE PLANS OR BY THE ENGINEER.
7. THE TRAFFIC CONTROL AND PROTECTION FOR SIDE ROADS, INTERSECTIONS, AND DRIVEWAYS SHALL BE INCLUDED IN THE COST OF SPECIFIED TRAFFIC CONTROL STANDARDS OR ITEMS.

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

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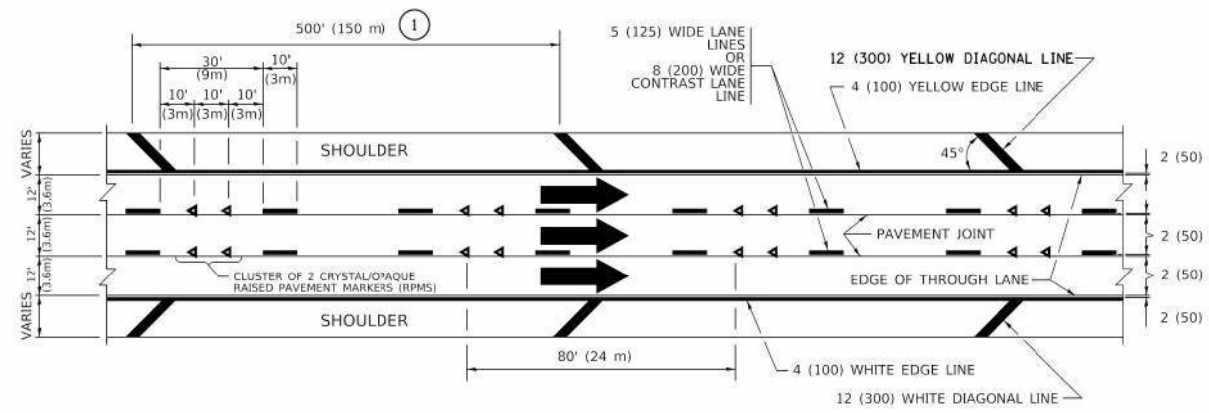
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PLOT DATE = 3/4/2019	DATE - 06-89	REVISED - A. SCHUETZE 07-01-13
		REVISED - A. SCHUETZE 09-15-16

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

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

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

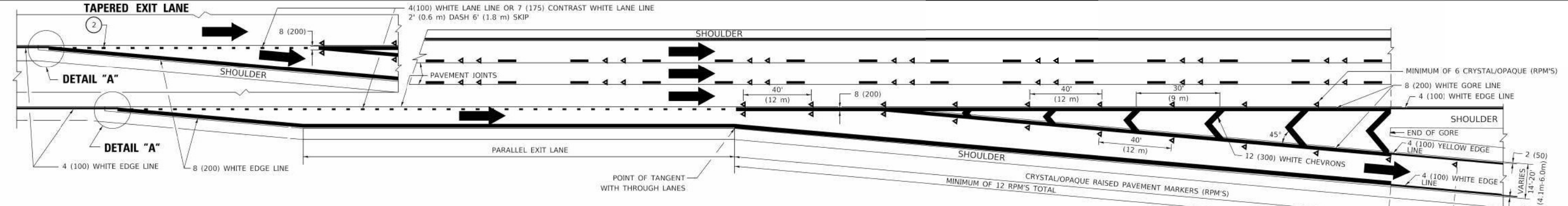
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ILLINOIS FED. AID PROJECT				



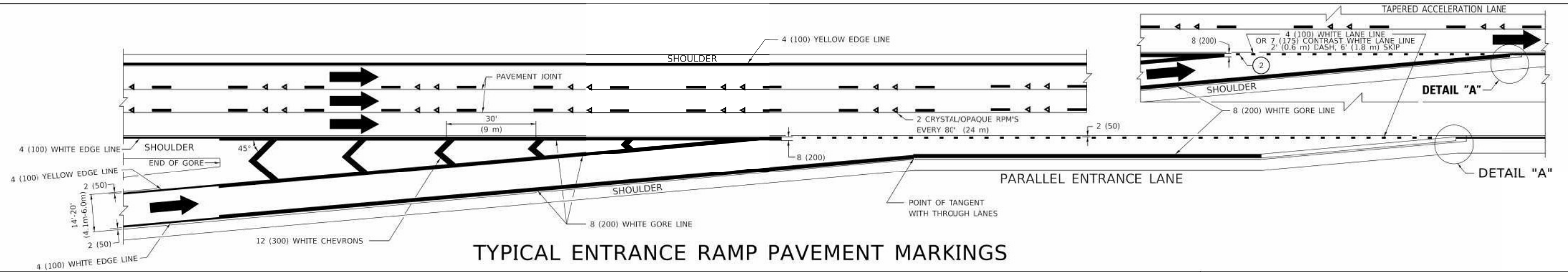
TYPICAL EDGE LINES & LANE LINES

PAVEMENT MARKING MATERIALS

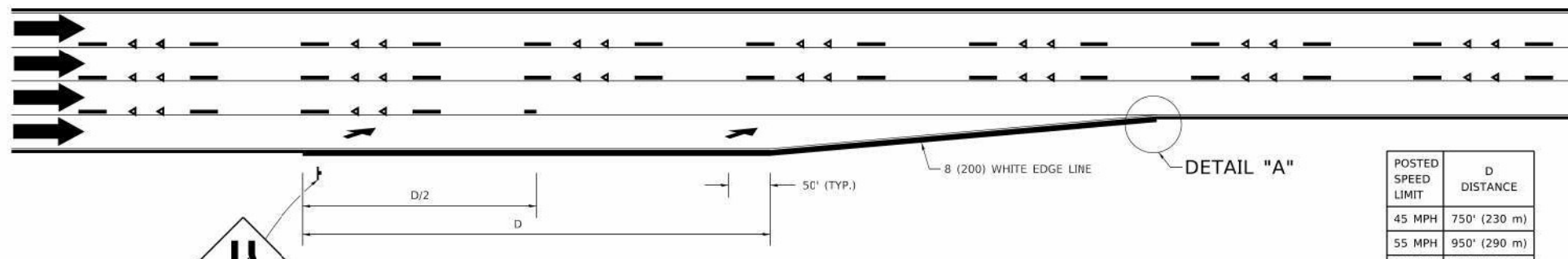
1. THERMOPLASTIC PAVEMENT MARKING LINE SHALL BE USED FOR ALL EDGE LINES, GORE LINES, AND DIAGONAL LINES ON HMA PAVEMENTS.
2. POLYUREA OR MODIFIED URETHANE PAVEMENT MARKING LINE SHALL BE USED FOR ALL EDGE LINES, GORE LINES, AND DIAGONAL LINES ON PCC PAVEMENTS.
3. PREFORMED PLASTIC PAVEMENT MARKING LINE TYPE B, INLAID OR GROOVE IN, SHALL BE USED FOR ALL LANE LINES ON HMA PAVEMENTS.
4. CONTRAST PREFORMED PLASTIC PAVEMENT MARKING LINE TYPE B, GROOVE IN, SHALL BE USED FOR ALL LANE LINES ON PCC PAVEMENT.



TYPICAL EXIT RAMP PAVEMENT MARKINGS

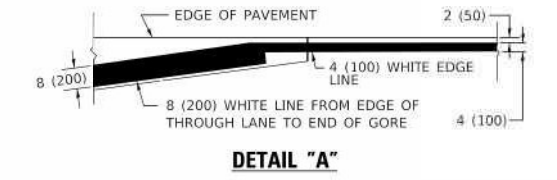


TYPICAL ENTRANCE RAMP PAVEMENT MARKINGS



LANE REDUCTION PAVEMENT MARKINGS

POSTED SPEED LIMIT	D DISTANCE
45 MPH	750' (230 m)
55 MPH	950' (290 m)
65 MPH	1200' (365 m)



- NOTES:**
- 1 THE DIAGONAL LINES SHALL BE SPACED AT 40' (12 m) C-C ACROSS ALL STRUCTURES WHICH ARE 500' (150 m) OR LESS IN LENGTH. THE DIAGONAL LINES ARE NOT REQUIRED ON SHOULDERS WHICH ARE 6' (1.8 m) OR LESS IN WIDTH.
 - 2 4" (2' DASH, 6' SKIP) MARKING ON TAPERED ENTRANCE AND EXIT RAMP SHALL BE OMITTED ON TANGENT SECTIONS.

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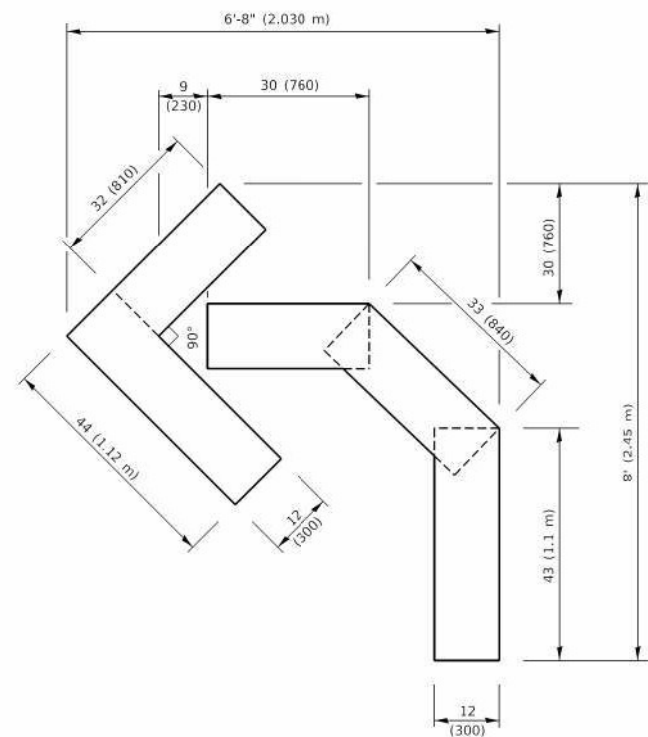
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PLOT DATE = 3/4/2019	DATE - 01-90	REVISED - M.D. 09-17

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

MULTI-LANE FREEWAY
PAVEMENT MARKING DETAILS

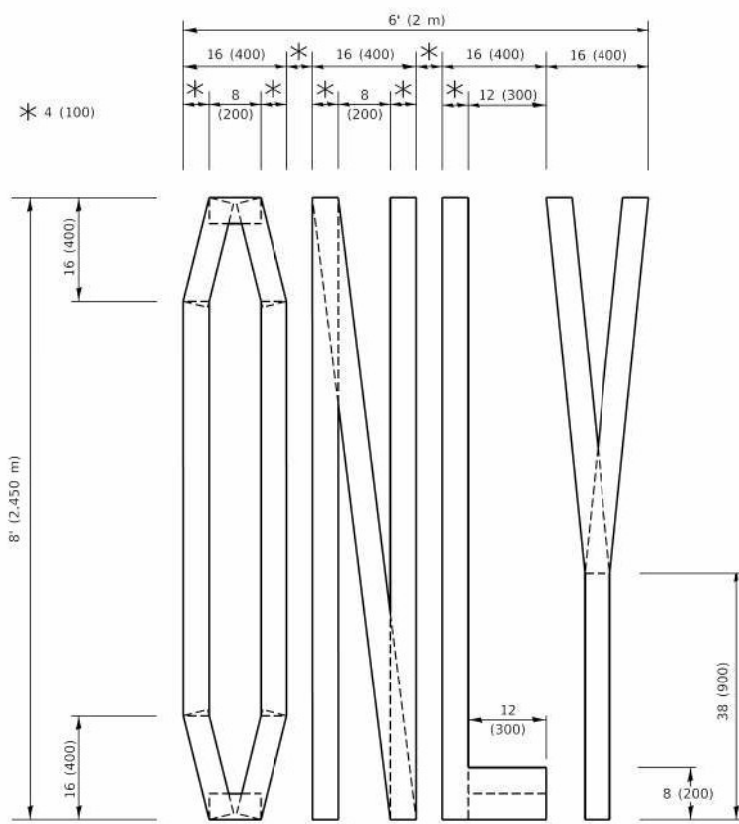
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F.A.P. RTE. 607	SECTION 2018-075-B-R	COUNTY WILL	TOTAL SHEETS 280	SHEET NO. 225
TC-12		CONTRACT NO. 62H16		
ILLINOIS FED. AID PROJECT				



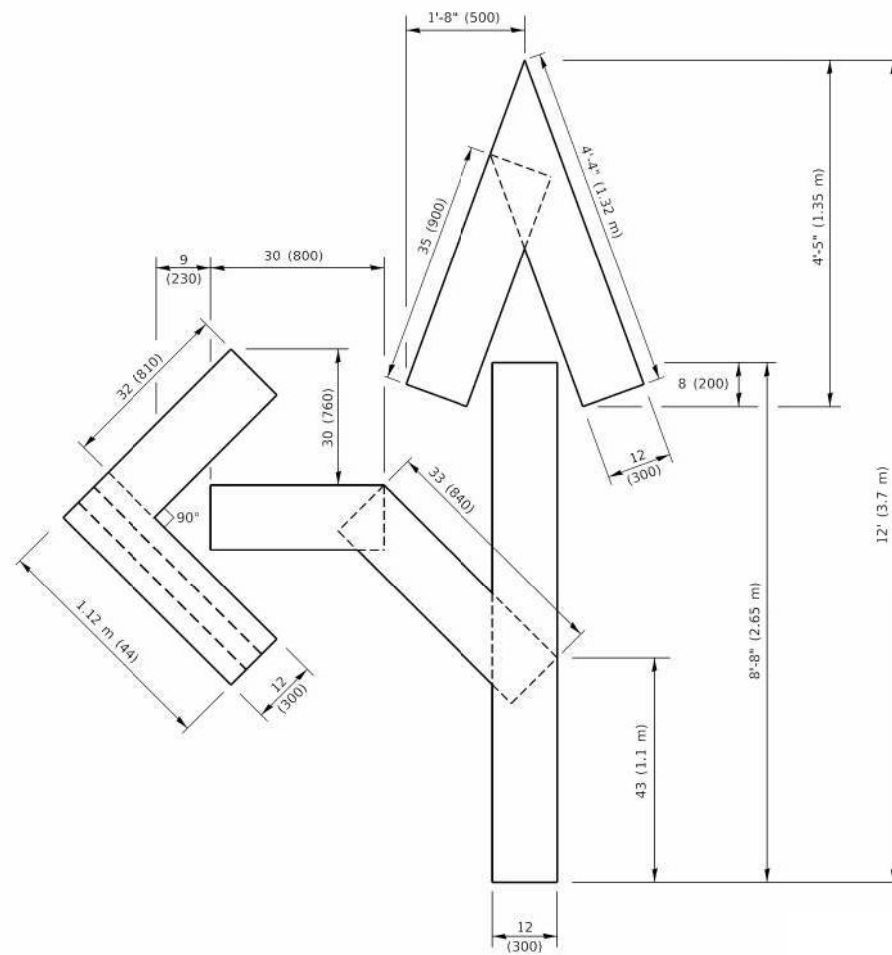
QUANTITY

4 (100) LINE = 45.5 ft. (13.9 m)
15.2 sq. ft. (1.41 sq. m)



QUANTITY

4 (100) LINE = 64.1 ft. (19.5 m)
21.4 sq. ft. (1.99 sq. m)

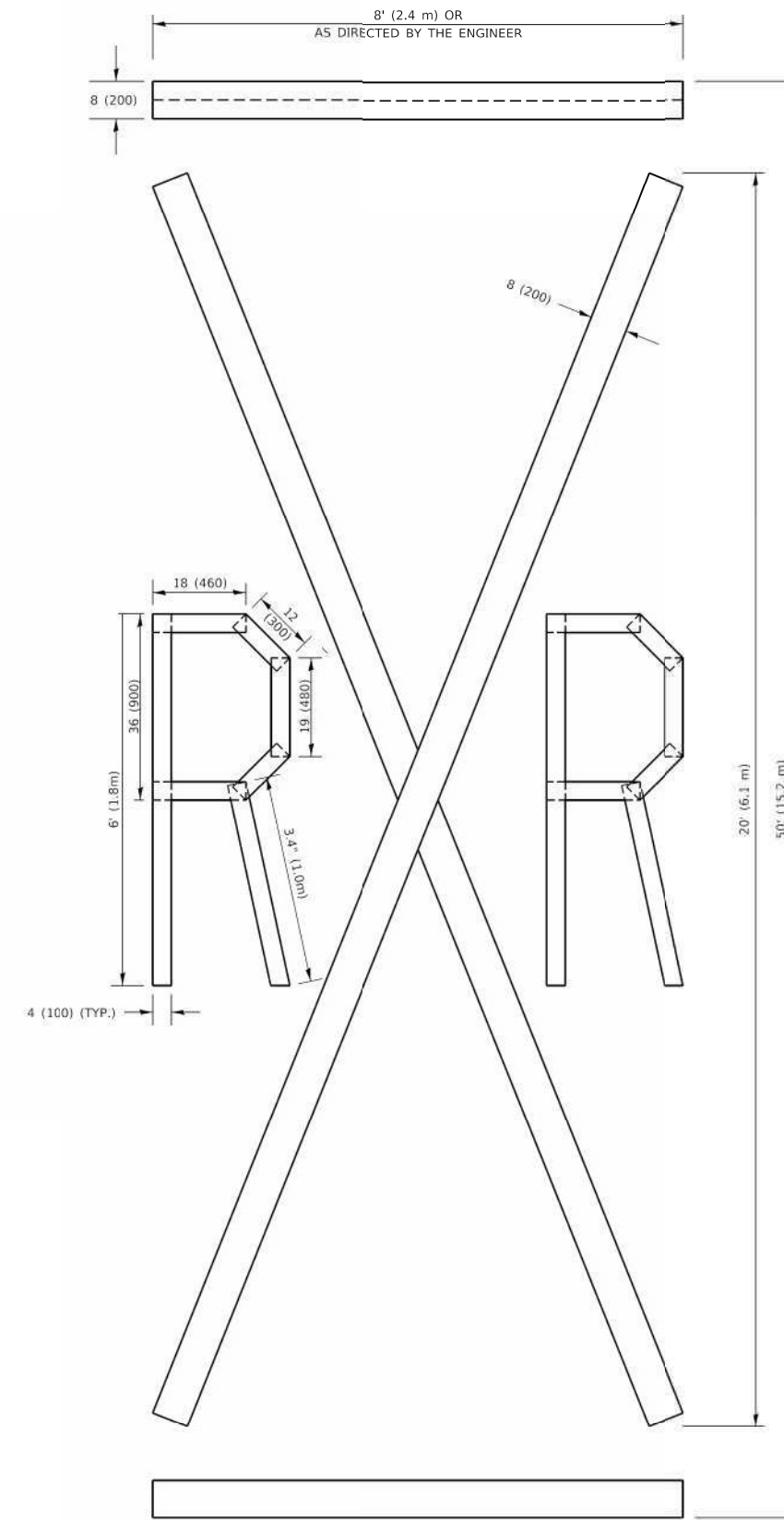


QUANTITY

4 (100) LINE = 82.5 ft. (25.1 m)
27.5 sq. ft. (2.53 sq. m)

NOTE:

ALL QUANTITIES OF PLACEMENT ARE REPRESENTED IN LINEAR FEET OF 4" LINES TO MATCH THE 4" TEMPORARY TAPE PAY ITEM AND REPRESENTS THE TOTAL QUANTITY OF 4" TAPE REQUIRED.



QUANTITY

4 (100) LINE = 225.9 ft. (68.9 m)
75.3 sq. ft. (6.99 sq. m)

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

MODEL: Default
FILE: \\mapc:\proj\08\FEB\INT\EG\Illinois.gov\PW\DOT\Documents\DOT_Office\Dist\11\Projects\KIDHS\0272-14\CADD\at\CAD\sheet\16.dgn

USER NAME = footemj	DESIGNED -	REVISED - T. RAMMACHER 03-02-98
PLOT SCALE = 50.0068" / ft.	DRAWN -	REVISED - E. GOMEZ 08-28-00
PLOT DATE = 3/4/2019	CHECKED -	REVISED - E. GOMEZ 08-28-00
	DATE - 09-18-94	REVISED - A. SCHUETZE 09-15-16

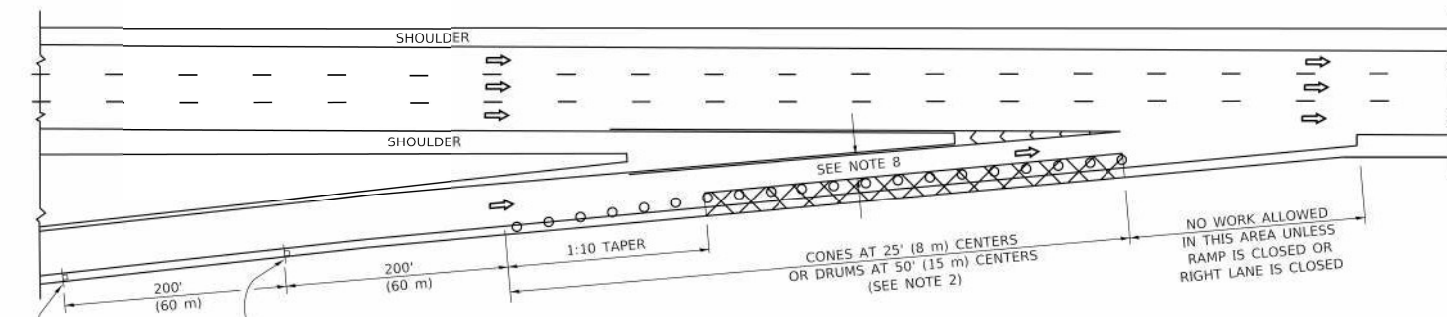
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

SHORT TERM PAVEMENT MARKING LETTERS AND SYMBOLS

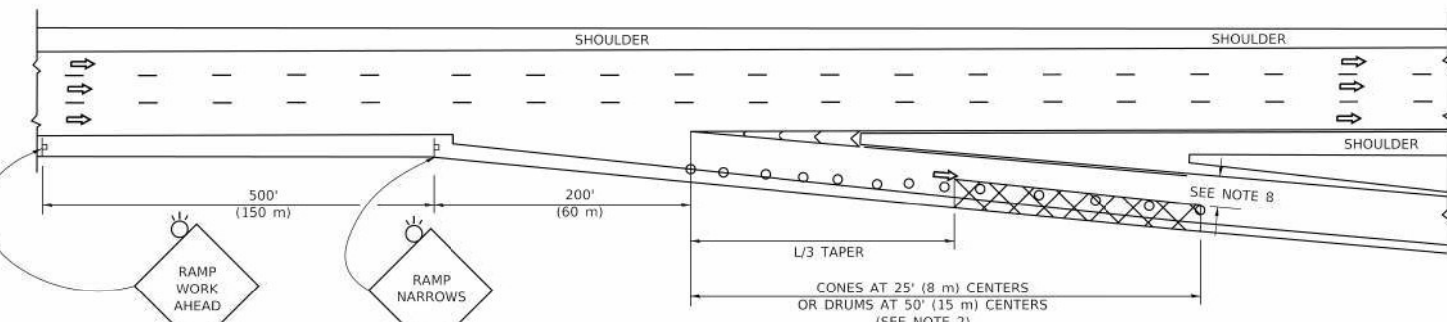
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	228
TC-16			CONTRACT NO. 62H16	
ILLINOIS FED. AID PROJECT				

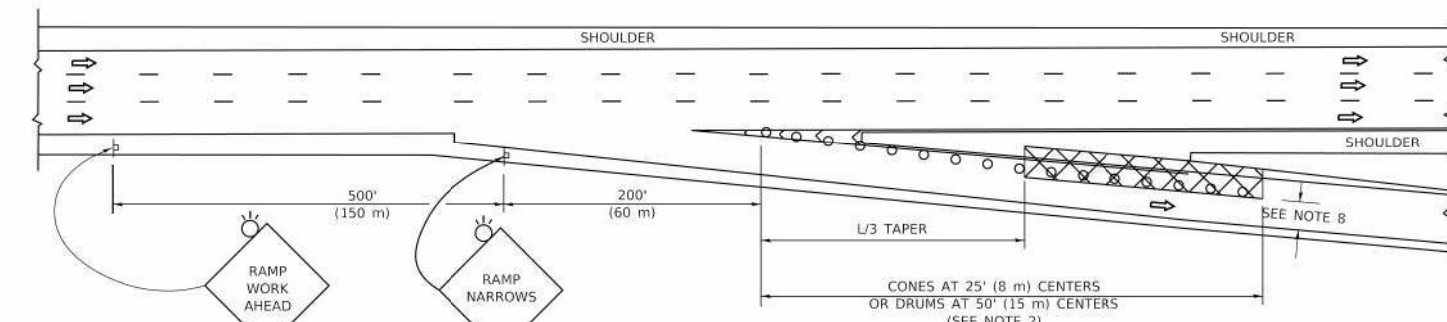
PARTIAL RAMP CLOSURE DETAILS



TYPICAL ENTRANCE RAMP



TYPICAL EXIT RAMP



TYPICAL EXIT RAMP

SYMBOLS

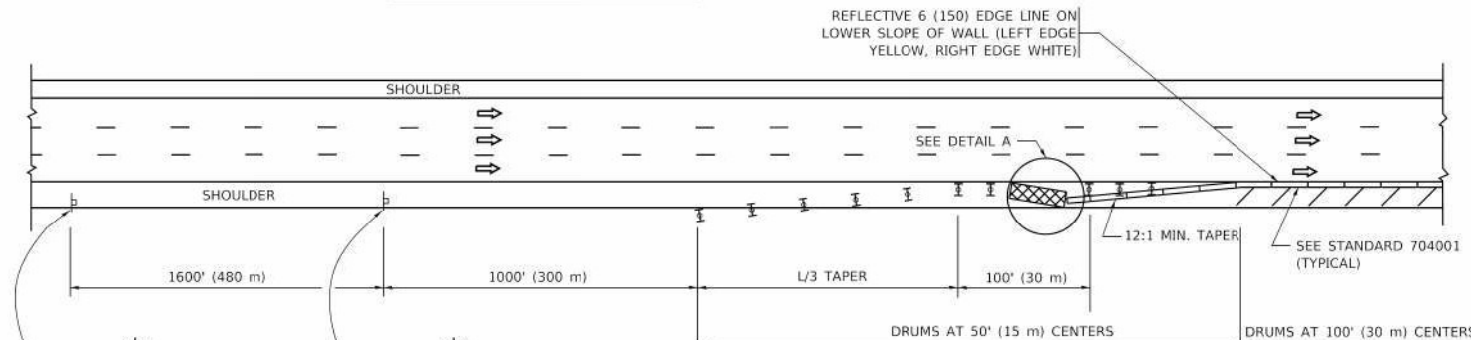
- ACTIVE WORK AREA
- SIGN ON PORTABLE OR PERMANENT SUPPORT
- FLAGGER WITH CONTROL SIGN
- TYPE II BARRICADE OR DRUM
- CONE, DRUM OR BARRICADE
- IMPACT ATTENUATOR OF TYPE AND TEST LEVEL SPECIFIED

GENERAL NOTES:

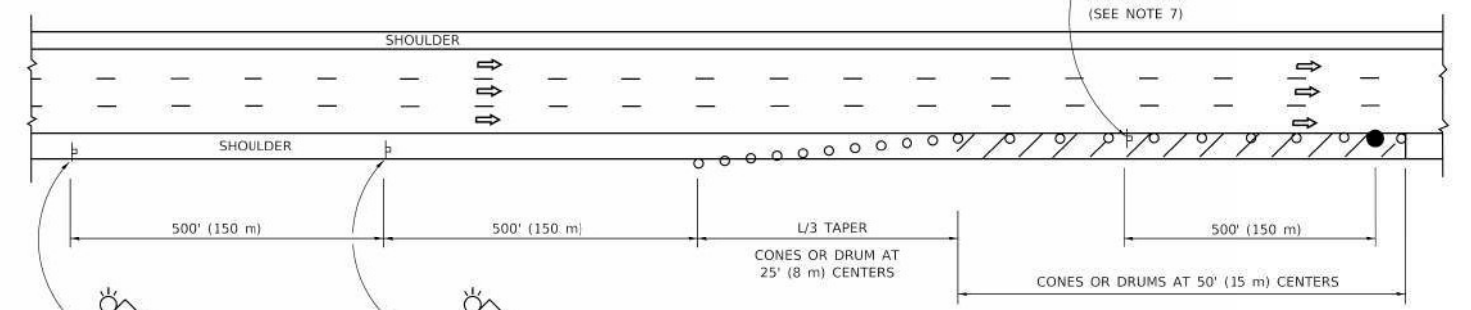
1. THE "L" DISTANCE EQUALS:

SPEED LIMIT	FORMULAS
45 mph (80 km/h)	METRIC ENGLISH
OR GREATER:	$L=0.65(W)/S$ $L=(W)/S$
W = WIDTH OF OFFSET IN FEET (METERS)	
S = NORMAL POSTED SPEED MPH (KM/H)	
2. TYPE II BARRICADES OR DRUMS ARE REQUIRED FOR ALL NIGHTTIME CLOSURES. TYPE II BARRICADES OR DRUMS WITH MONODIRECTIONAL STEADY BURN LIGHTS ARE REQUIRED FOR DELINEATING OBSTACLES, EXCAVATIONS, OR HAZARDS EXCEEDING 100 FT (30m) IN LENGTH AT NIGHT.
3. ALL SIGNS SHALL BE POST MOUNTED IF THE CLOSURE TIME EXCEEDS FOUR DAYS.
4. FLASHING LIGHTS SHALL BE USED DURING THE HOURS OF DARKNESS AND SHALL BE INSTALLED ABOVE THE FIRST TWO SETS OF SIGNS.

SHOULDER CLOSURE DETAILS

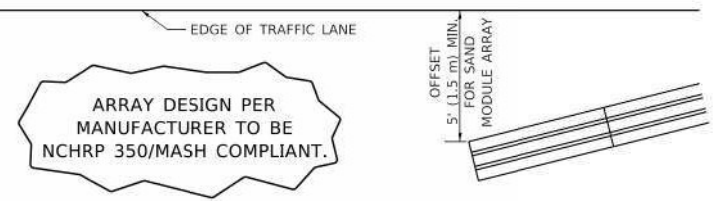


PERMANENT SHOULDER CLOSURE



TEMPORARY SHOULDER CLOSURE

THIS DETAIL IS USED WHERE:
 1. VEHICLES, EQUIPMENT, WORKERS OR THEIR ACTIVITIES ENCR OACH IN AN AREA CLOSER THAN 15' (4.5 m) TO THE EDGE OF PAVEMENT FOR A PERIOD IN EXCESS OF 15 MINUTES.



DETAIL "A" IMPACT ATTENUATOR, TEMPORARY (SEE NOTE 5)

5. THE IMPACT ATTENUATOR, TEMPORARY IS NOT REQUIRED WHEN THE TEMPORARY CONCRETE BARRIER WALL IS PROTECTED BY OR IS TIED INTO THE EXISTING GUARDRAIL. IF OFFSET IS LESS THAN 5 FEET USE NARROW USE TYPE DEVICE TO MEET NCHRP350/MASH.
6. AUTHORIZATION FROM THE DISTRICT'S BUREAU OF TRAFFIC IS REQUIRED FOR ALL FREEWAY CLOSURES.
7. THE FLAGGER AND FLAGGER SIGN ARE REQUIRED AT THE ABOVE WORK SITES WHEN:
 - a. FOUR OR MORE WORK VEHICLES ENTER THE TRAFFIC LANES IN A ONE HOUR PERIOD.
 - b. THE WORK AVTIVITY REQUIRES FREQUENT ENCR OACHMENT INTO THE LANE OPEN TO TRAFFIC.
 THE FLAGGER SHALL BE STATIONED APPROXIMATELY 100' (30 m) TO 200' (60 m) IN ADVANCE OF THE WORKERS.
8. 12' MIN. WIDTH TANGENT SECTION
16' MIN. WIDTH CURVE SECTION.
9. TEMPORARY SHOULDER AND NON-SYSTEM INTERCHANGE PARTIAL RAMP CLOSURES ARE ALLOWED WEEKDAYS BETWEEN 9:00 A.M. AND 3:00 P.M. AND BETWEEN 7:00 P.M. AND 5:00 A.M. OR AS APPROVED BY THE EXPRESSWAY TRAFFIC OPERATIONS ENGINEER. PERMANENT SHOULDER AND PARTIAL RAMP CLOSURES WILL ONLY BE PERMITTED IF CALLED FOR IN THE PLANS OR AS APPROVED BY THE EXPRESSWAY OPERATIONS ENGINEER.

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

MODEL: Default
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USER NAME = leysa	DESIGNED -	REVISED - S.P.B. 12-09
	DRAWN - D.W.S.	REVISED - M.D. 06-13
PLOT SCALE = 50.0000" / 1'	CHECKED -	REVISED - M.D. 01-18
PLOT DATE = 10/14/2020	DATE - 11-96	REVISED - M.D. 10-20

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

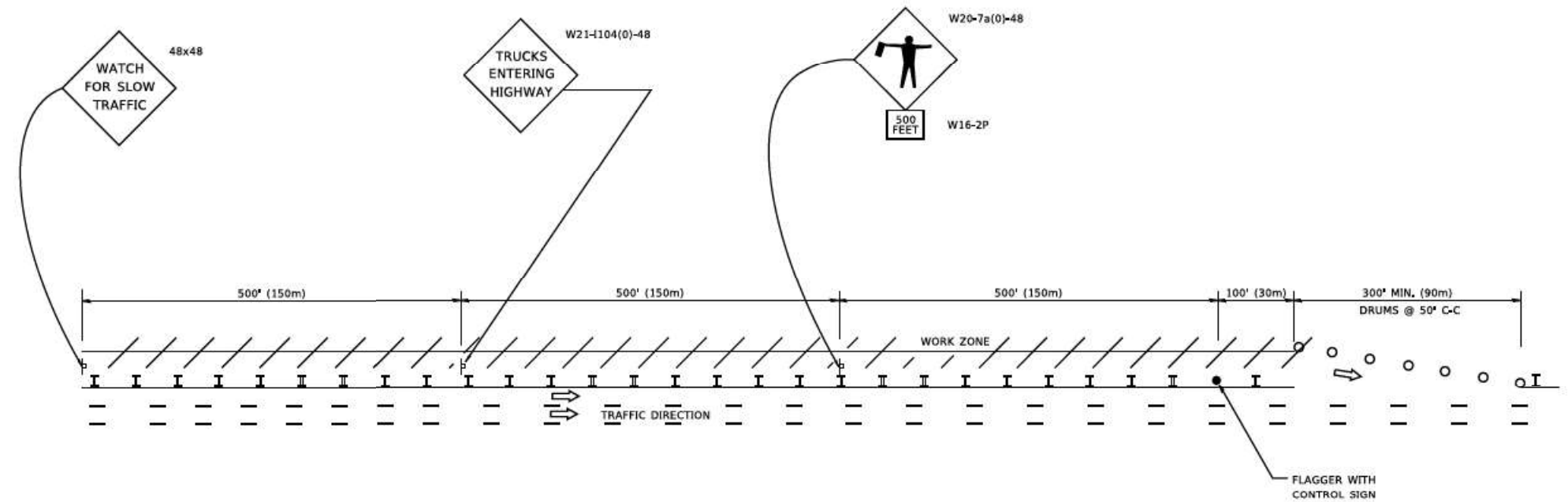
**TRAFFIC CONTROL DETAILS FOR FREEWAY
 SHOULDER CLOSURES AND PARTIAL RAMP CLOSURES**

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

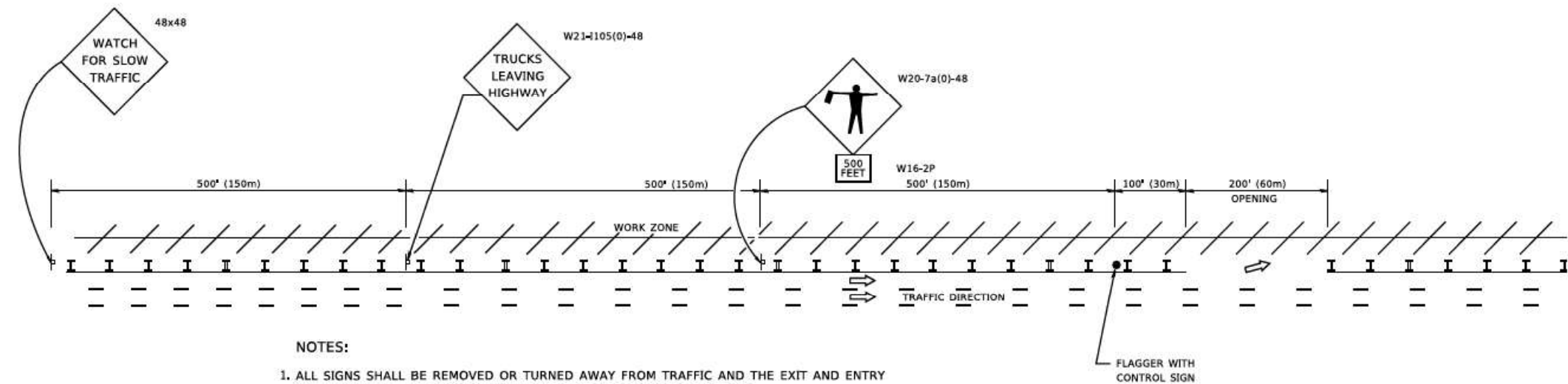
F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	229
TC-17			CONTRACT NO. 62H16	
ILLINOIS		FED. AID PROJECT		

SIGNING FOR FLAGGING OPERATIONS AT WORK ZONE OPENINGS

WORK ZONE EXIT OPENING



WORK ZONE ENTRY OPENING



NOTES:

1. ALL SIGNS SHALL BE REMOVED OR TURNED AWAY FROM TRAFFIC AND THE EXIT AND ENTRY OPENINGS SHALL BE CLOSED WHEN THE FLAGGING OPERATION CEASES. NON OPERATING EQUIPMENT SHALL COMPLY WITH ARTICLE 701.11
2. WORK ZONE OPENINGS SHALL BE A MINIMUM OF ONE HALF MILE APART AND A MINIMUM OF ONE QUARTER MILE FROM ALL ENTRANCE AND EXIT RAMP.
3. EXITING THE WORK ZONE AT ANY PLACE OTHER THAN AT A WORK ZONE EXIT OPENING WILL BE PROHIBITED.
4. ALL VEHICLES SHALL ENTER THE WORK ZONE AT ENTRY OPENINGS, USING THEIR TURN SIGNALS TO WARN MOTORISTS
5. FLAGGERS SHALL NOT STOP TRAFFIC OR DIRECT TRAFFIC INTO AN ADJACENT LANE.

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

MODEL: D:\files\...
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USER NAME	Footern]
PLOT SCALE	50.0000' / 1"
PLOT DATE	3/4/2019

DESIGNED	-
DRAWN	-
CHECKED	-
DATE	-

REVISED	-	J.A.F. 02-06
REVISED	-	S.P.B. 01-07
REVISED	-	S.P.B. 12-09
REVISED	-	M.D.06-13

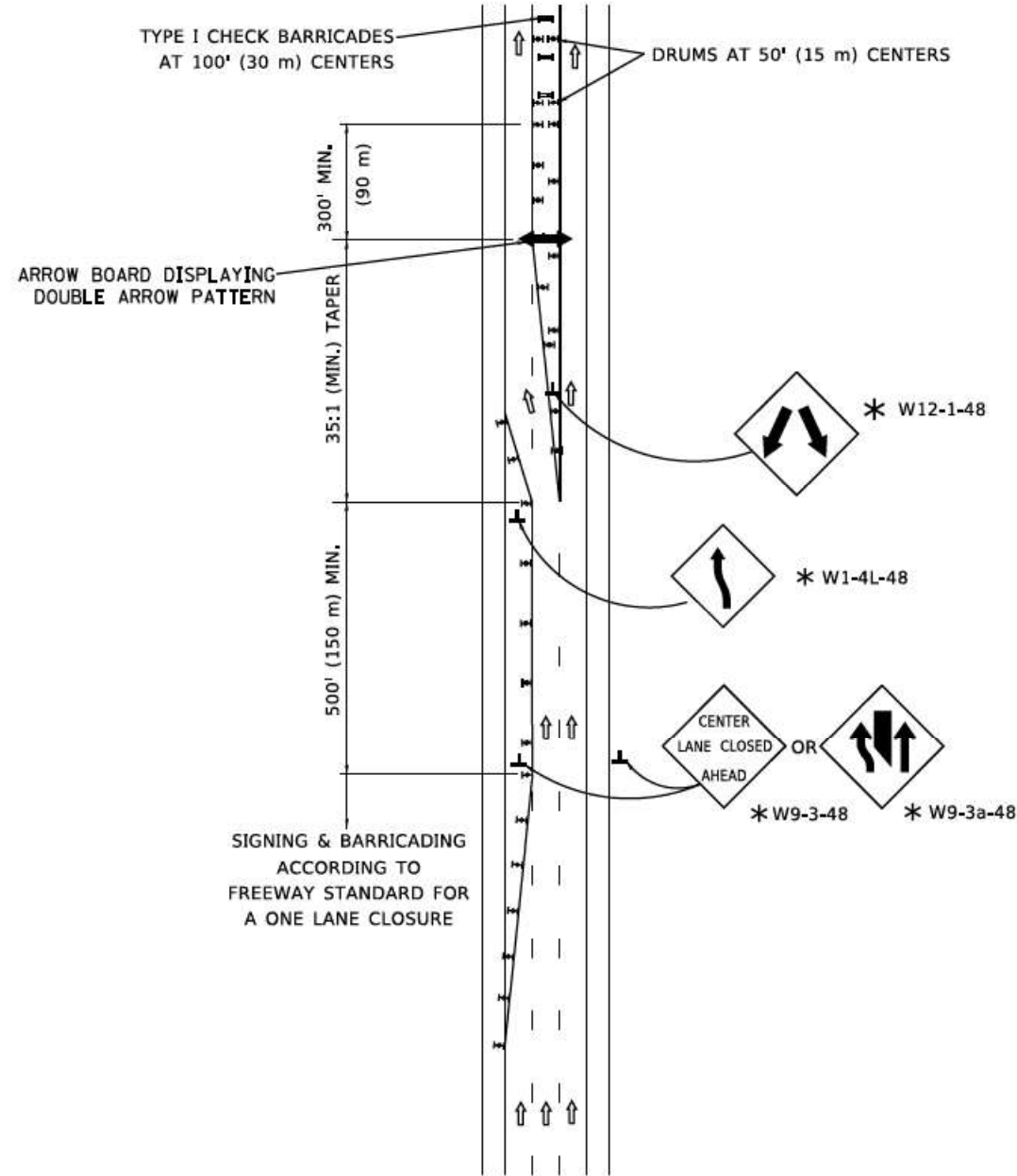
**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**FREEWAY /EXPRESSWAY SIGNING FOR FLAGGING OPERATIONS
AT WORK ZONE OPENINGS ON FREEWAYS /EXPRESSWAYS**

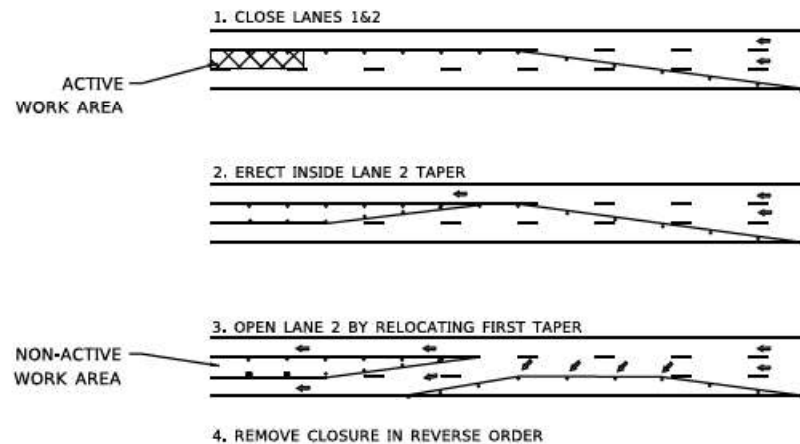
SCALE: NONE SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	230
TC-18			CONTRACT NO. 62H16	
ILLINOIS FED. AID PROJECT				

CENTER LANE CLOSURE



INSTALLATION SEQUENCE

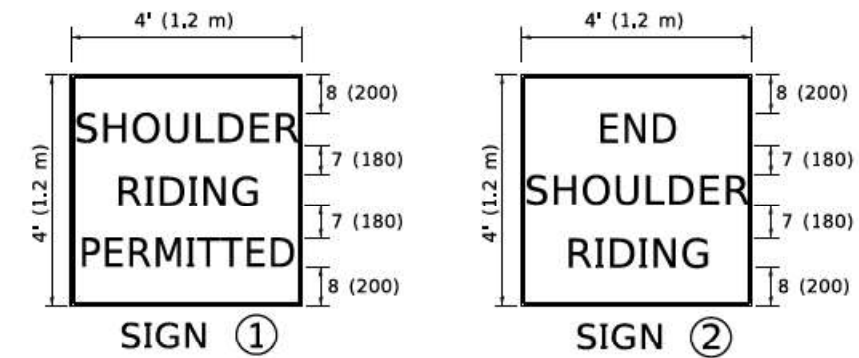
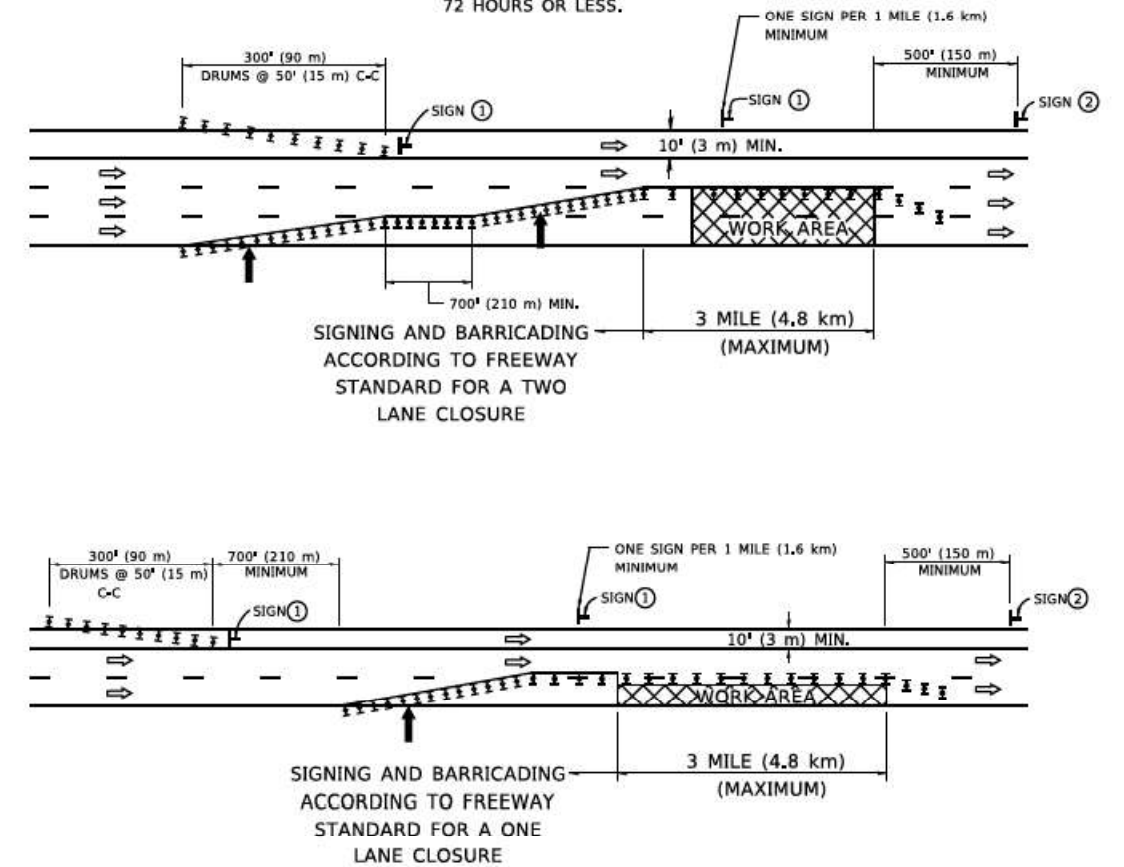


NOTES:

1. DRUMS WITH STEADY BURN LIGHTS SHALL BE USED AT 50' (15 m) CENTERS ON ALL TAPERS AND TANGENTS IN ADVANCE OF WORK AREA.
2. CLOSURE SHALL BE USED ONLY FOR OPERATIONS LASTING 72 HOURS OR LESS.
3. CENTER LANE CLOSURE CONFIGURATION IS NOT TO BE USED WITH WORKERS PRESENT.

SHOULDER LANE

NOTE:
CLOSURE SHALL BE USED ONLY FOR OPERATIONS LASTING 72 HOURS OR LESS.



6 (150) SERIES "C" LEGEND
BLACK LEGEND
WHITE REFLECT. BACKGROUND
1 (25) BORDER

SYMBOLS

- ↑ DIRECTION OF TRAFFIC
- ➔ ARROWBOARD
- ▣ ACTIVE WORK AREA
- ⊥ SIGN ON PORTABLE OR PERMANENT SUPPORT *
- ⊥ TYPE II BARRICADE, OR DRUM WITH MONO-DIRECTIONAL STEADY BURN LIGHT

ALL DIMENSIONS ARE IN INCHES (MILLIMETERS) UNLESS OTHERWISE SHOWN

* ALL SIGNS SHALL BE MOUNTED AT A MINIMUM HEIGHT OF 5' (1.5 m).

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**TRAFFIC CONTROL DETAILS FOR FREEWAY
CENTER LANE CLOSURE SHOULDER LANE**

F.A.P. RATE	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	232
TC-25			CONTRACT NO. 62H16	
ILLINOIS FED. AID PROJECT				

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

USER NAME	DESIGNED	REVISED
footemj	-	J.A.F. 04-03
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1/8" = 50.0000' / 1"	-	S.P.B. 01-07
PLOT DATE	CHECKED	REVISED
3/4/2019	-	S.P.B. 12-09
	DATE	REVISED
	-	-



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".

MODEL: Default
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	DRAWN -	REVISED -
PLOT SCALE = 50.0000' / ft.	CHECKED -	REVISED -
PLOT DATE = 3/4/2019	DATE -	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

DRIVEWAY ENTRANCE SIGNING

SCALE: NONE SHEET 1 OF 2 SHEETS STA. TO STA.

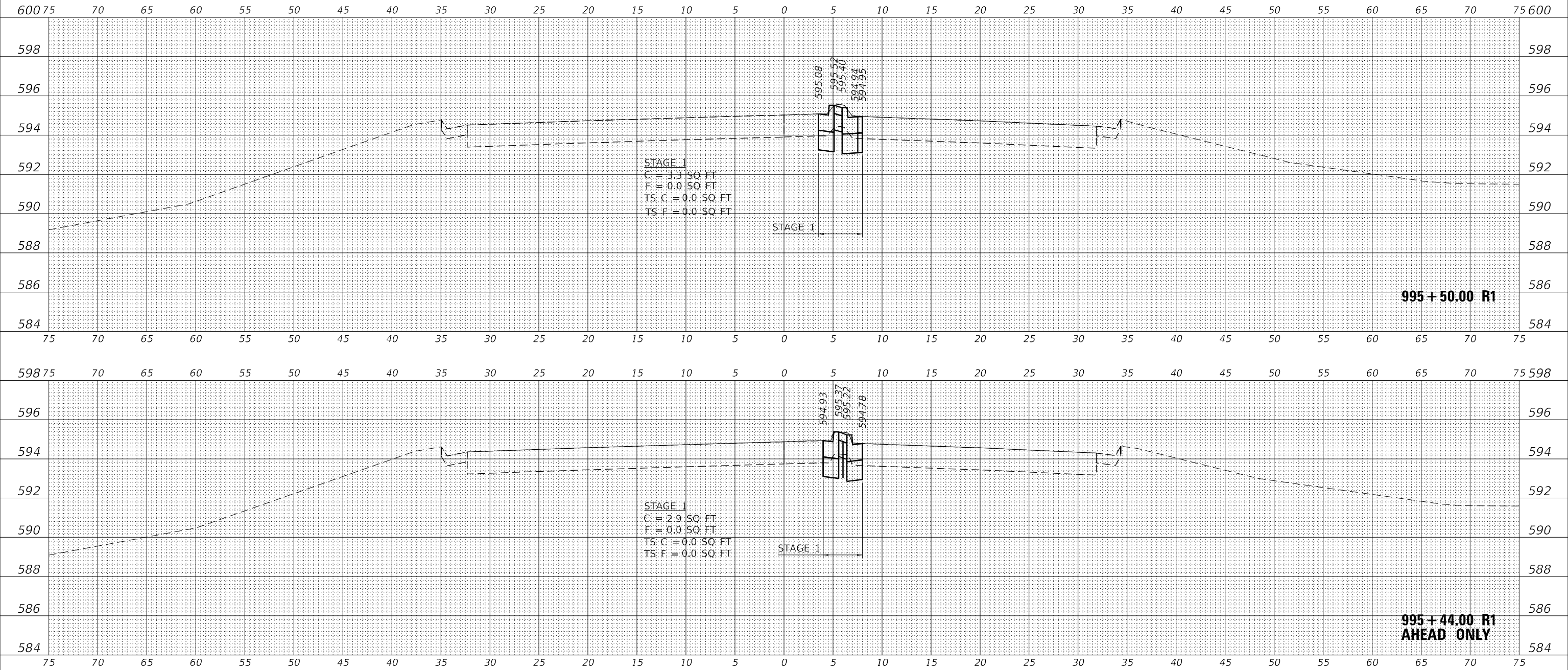
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607	2018-075-B-R	WILL	280	233
TC-26			CONTRACT NO. 62H16	
		ILLINOIS	FED. AID PROJECT	

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

DATE	
BY	
ORIGINAL SURVEY	
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NOTE BOOK	
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	DRAWN - JPA	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - EPS	REVISED -
PLOT DATE = 3/18/2022	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 US ROUTE 52**

SCALE: 1" = 5' SHEET 01 OF 12 SHEETS STA. 995+44.00 R1 TO STA. 995+50.00 R1

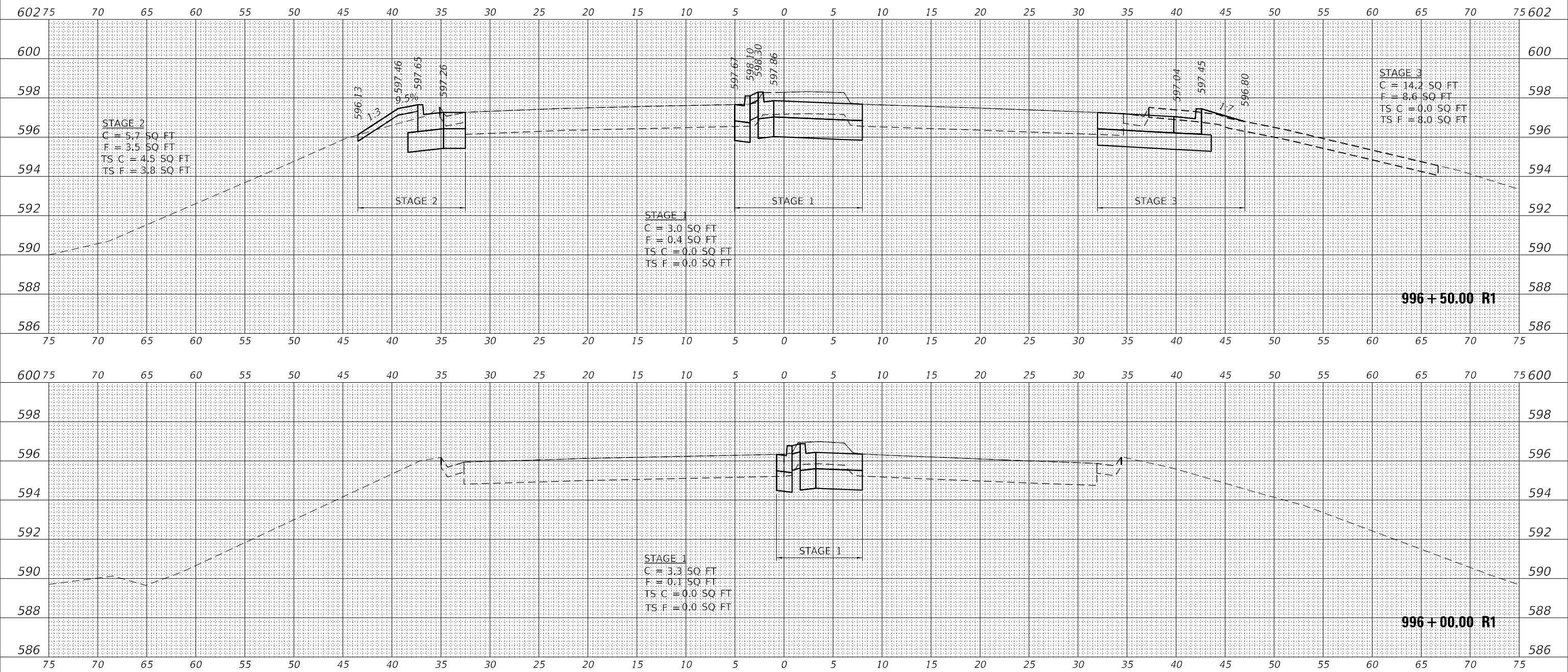
FAPP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	234
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

DATE	
BY	
ORIGINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
AREAS CHECKED	TEMPLATE
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PLOT SCALE = 10,0000' / in.	DRAWN - JPA	REVISED -
PLOT DATE = 3/18/2022	CHECKED - EPS	REVISED -
	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 US ROUTE 52**

SCALE: 1" = 5' SHEET 02 OF 12 SHEETS STA. 996+00.00 R1 TO STA. 996+50.00 R1

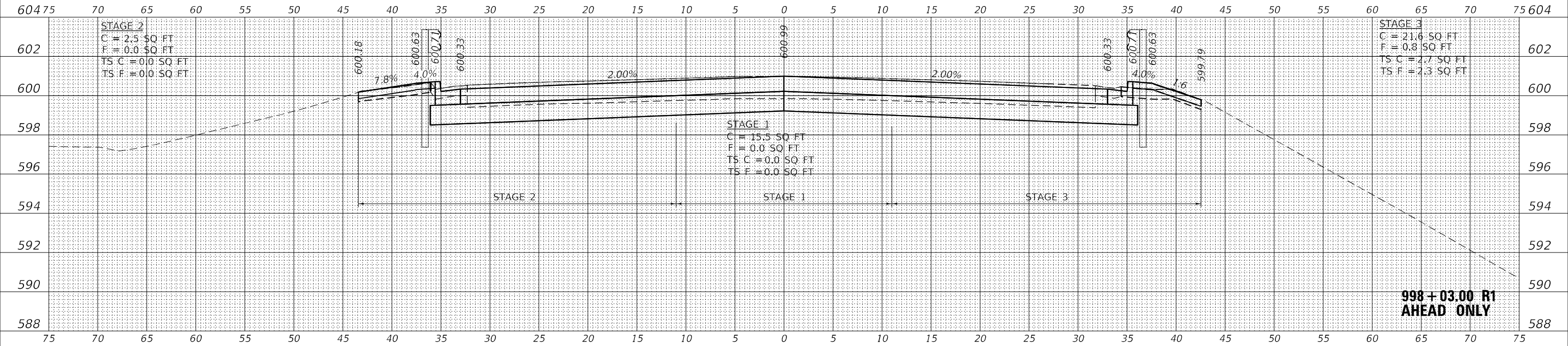
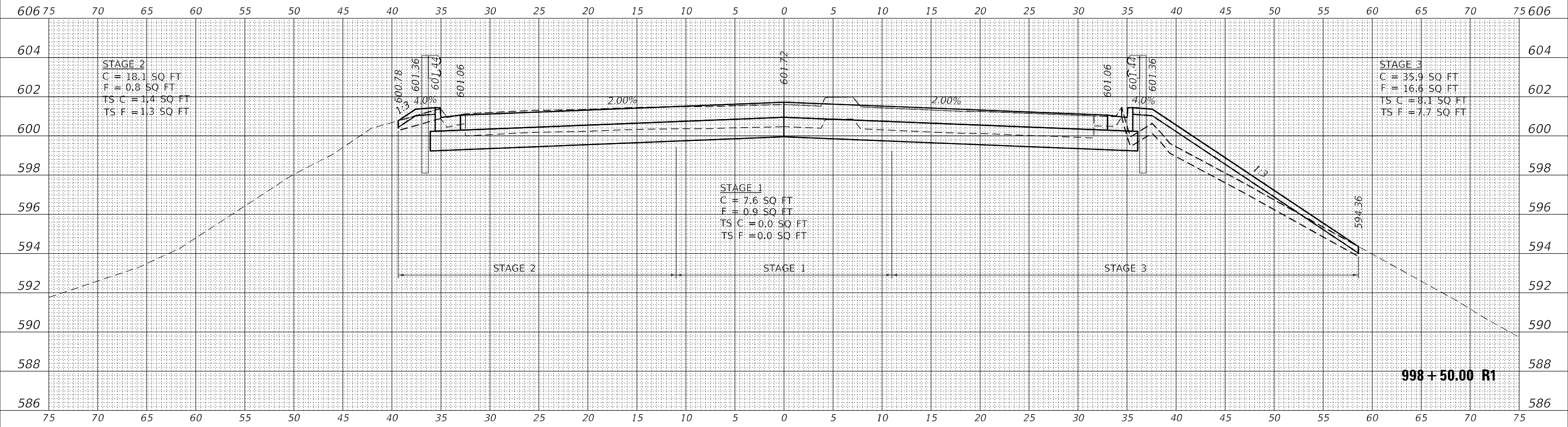
FAPP RTE. 607	SECTION 2018-075-B-R	COUNTY WILL	TOTAL SHEETS 280	SHEET NO. 235
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

DATE	
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PLOTTED	
TEMPLATE	
AREAS CHECKED	
FINAL SURVEY	
NOTE BOOK	
NO.	

DATE	
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ORIGINAL SURVEY	
NOTE BOOK	
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USER NAME = Roadway	DESIGNED - JPA	REVISED -
PLOT SCALE = 10,000' / in.	DRAWN - JPA	REVISED -
PLOT DATE = 3/18/2022	CHECKED - EPS	REVISED -
	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

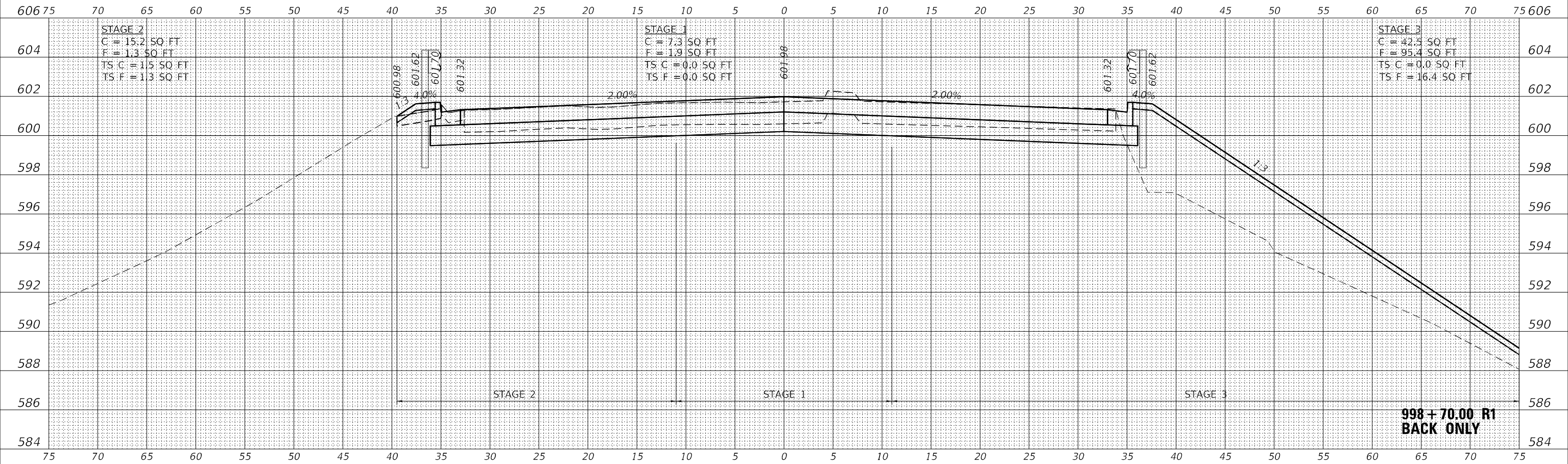
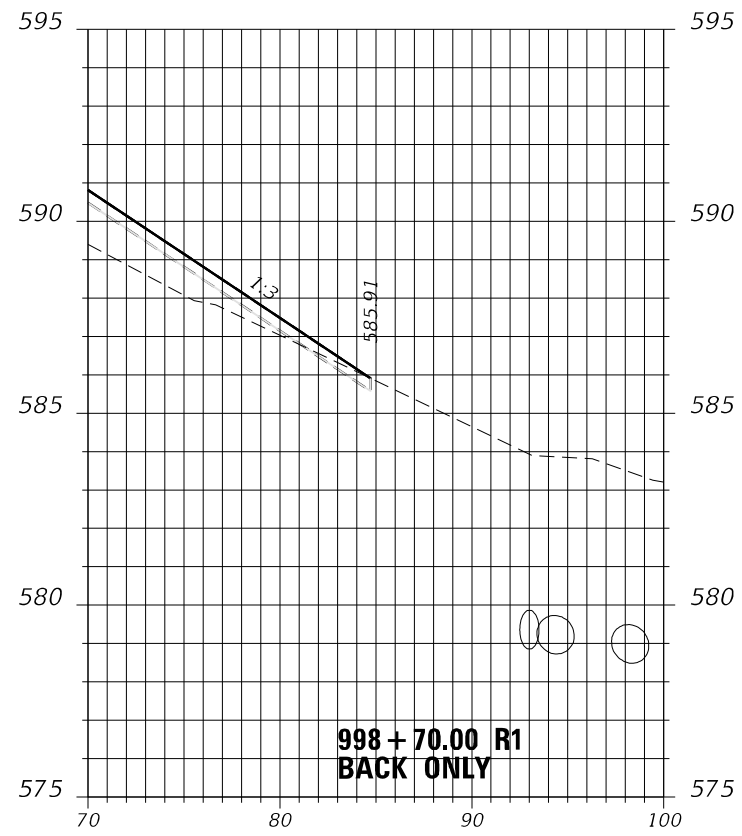
**CROSS SECTIONS
 US ROUTE 52**

SCALE: 1" = 5' SHEET 04 OF 12 SHEETS STA. 998+03.00 R1 TO STA. 998+50.00 R1

FAPP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	237
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	



DATE	
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SURVEYED	
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TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
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USER NAME = Roadway	DESIGNED - JPA	REVISED -
	DRAWN - JPA	REVISED -
PLOT SCALE = 10,000' / in.	CHECKED - EPS	REVISED -
PLOT DATE = 3/18/2022	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 US ROUTE 52**

SCALE: 1" = 5' SHEET 05 OF 12 SHEETS STA. 998+70.00 R1 TO STA. 998+70.00 R1

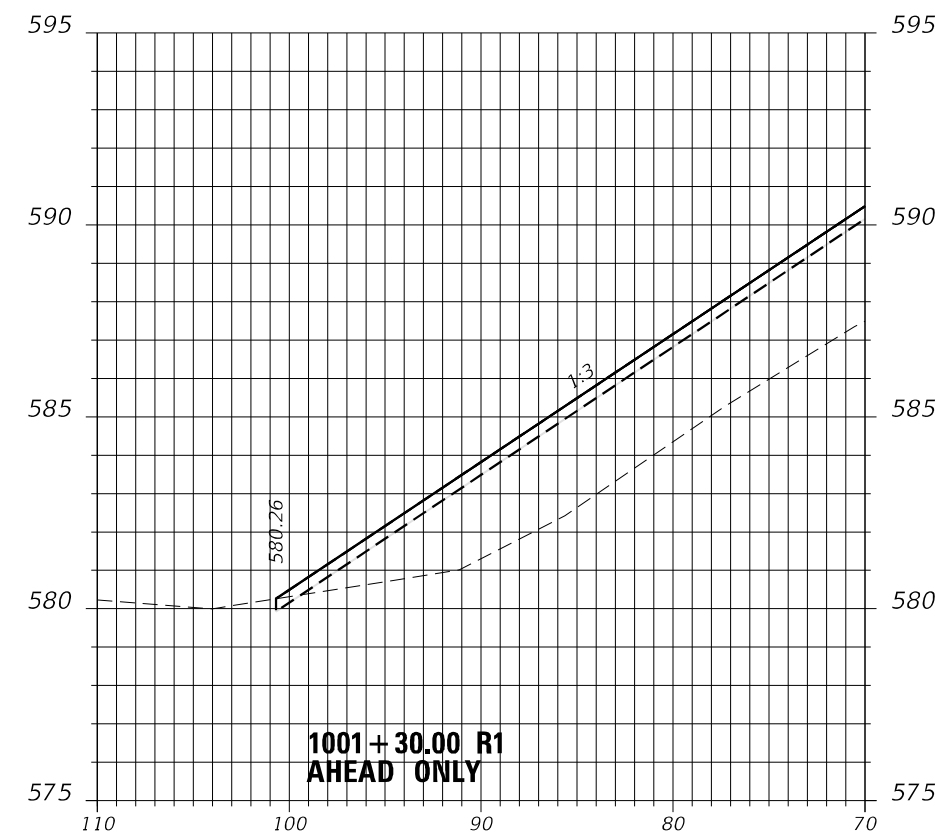
FAPP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	238
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

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

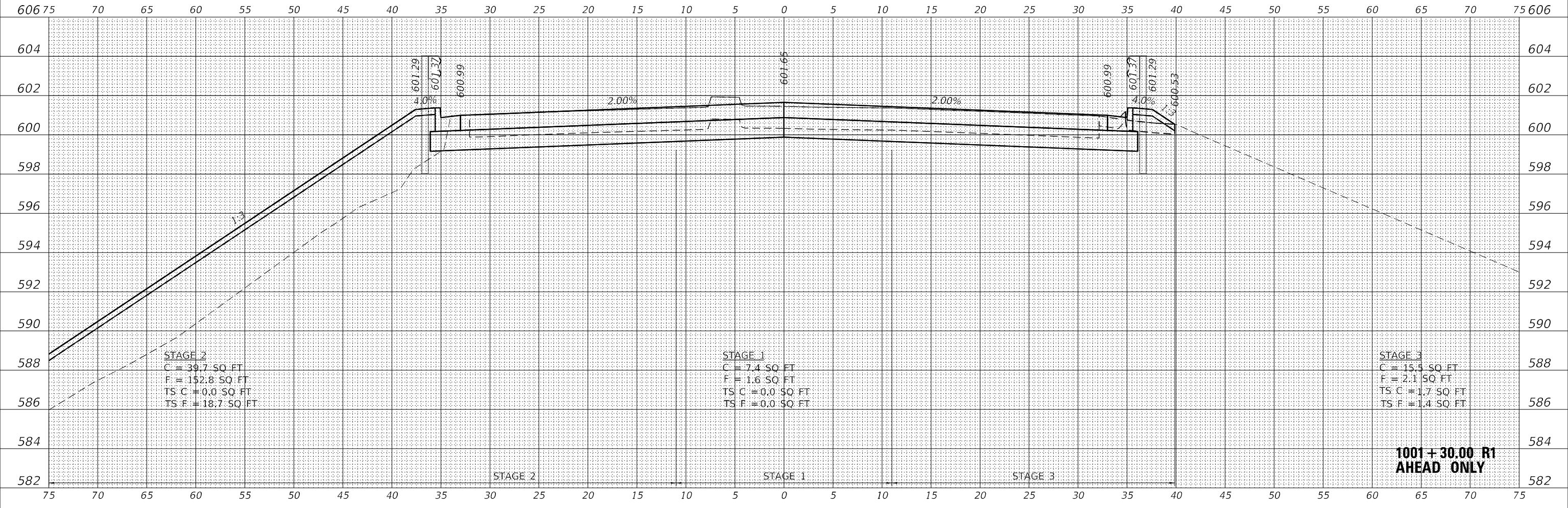
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NOTE BOOK	PLOTTED	BY
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NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.



**1001+30.00 R1
 AHEAD ONLY**



STAGE 2
 C = 39.7 SQ. FT.
 F = 152.8 SQ. FT.
 TS C = 0.0 SQ. FT.
 TS F = 18.7 SQ. FT.

STAGE 1
 C = 7.4 SQ. FT.
 F = 1.6 SQ. FT.
 TS C = 0.0 SQ. FT.
 TS F = 0.0 SQ. FT.

STAGE 3
 C = 15.5 SQ. FT.
 F = 2.1 SQ. FT.
 TS C = 1.7 SQ. FT.
 TS F = 1.4 SQ. FT.

**1001+30.00 R1
 AHEAD ONLY**



USER NAME = Roadway	DESIGNED - JPA	REVISED -
PLOT SCALE = 10,000' / in.	DRAWN - JPA	REVISED -
PLOT DATE = 3/18/2022	CHECKED - EPS	REVISED -
	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 US ROUTE 52**

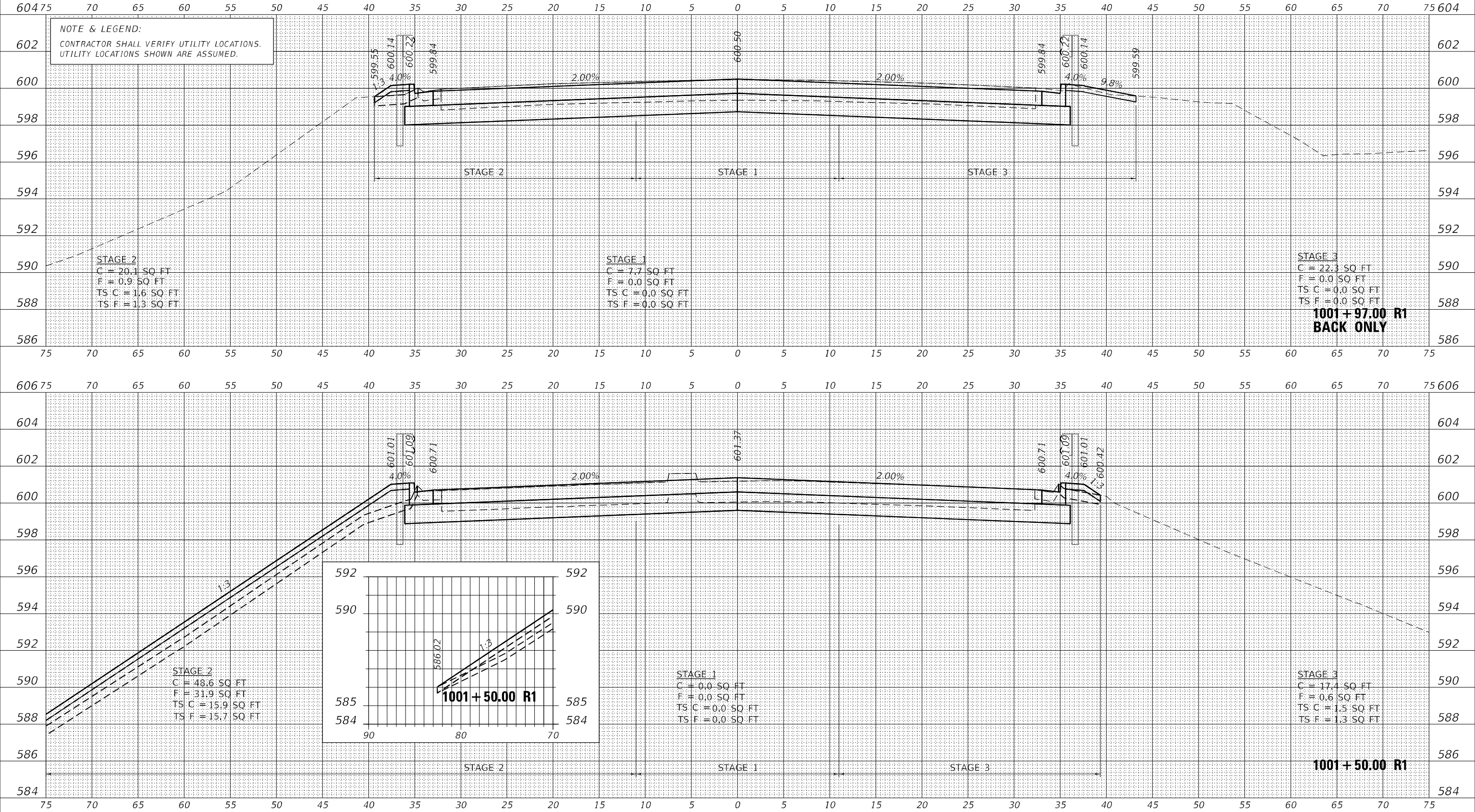
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FAPP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	239
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
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	AREAS CHECKED
	AREAS CHECKED

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

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NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

STAGE 2
 C = 20.1 SQ FT
 F = 0.9 SQ FT
 TS C = 1.6 SQ FT
 TS F = 1.3 SQ FT

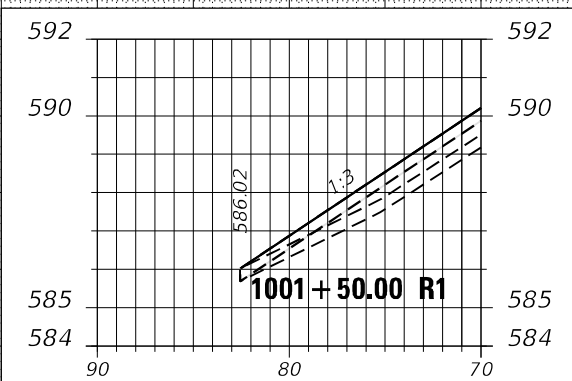
STAGE 1
 C = 7.7 SQ FT
 F = 0.0 SQ FT
 TS C = 0.0 SQ FT
 TS F = 0.0 SQ FT

STAGE 3
 C = 22.3 SQ FT
 F = 0.0 SQ FT
 TS C = 0.0 SQ FT
 TS F = 0.0 SQ FT

STAGE 2
 C = 48.6 SQ FT
 F = 31.9 SQ FT
 TS C = 15.9 SQ FT
 TS F = 15.7 SQ FT

STAGE 1
 C = 0.0 SQ FT
 F = 0.0 SQ FT
 TS C = 0.0 SQ FT
 TS F = 0.0 SQ FT

STAGE 3
 C = 17.4 SQ FT
 F = 0.6 SQ FT
 TS C = 1.5 SQ FT
 TS F = 1.3 SQ FT



USER NAME =	Roadway	DESIGNED -	JPA	REVISED -	
		DRAWN -	JPA	REVISED -	
PLOT SCALE =	10,000.00' / in.	CHECKED -	EPS	REVISED -	
PLOT DATE =	3/18/2022	DATE -	8/25/2021	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 US ROUTE 52**

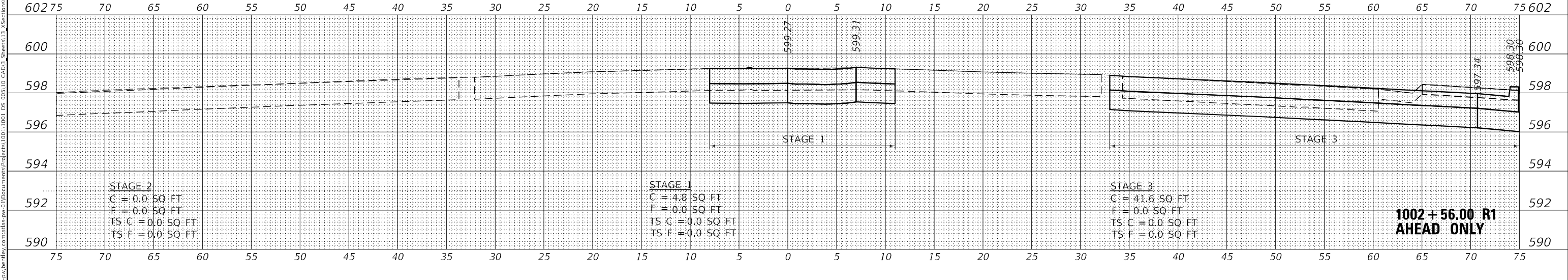
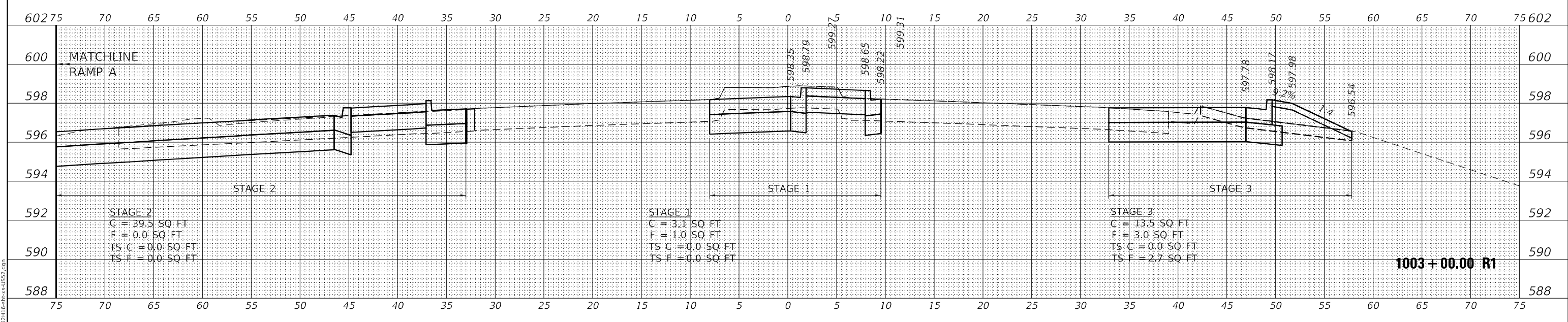
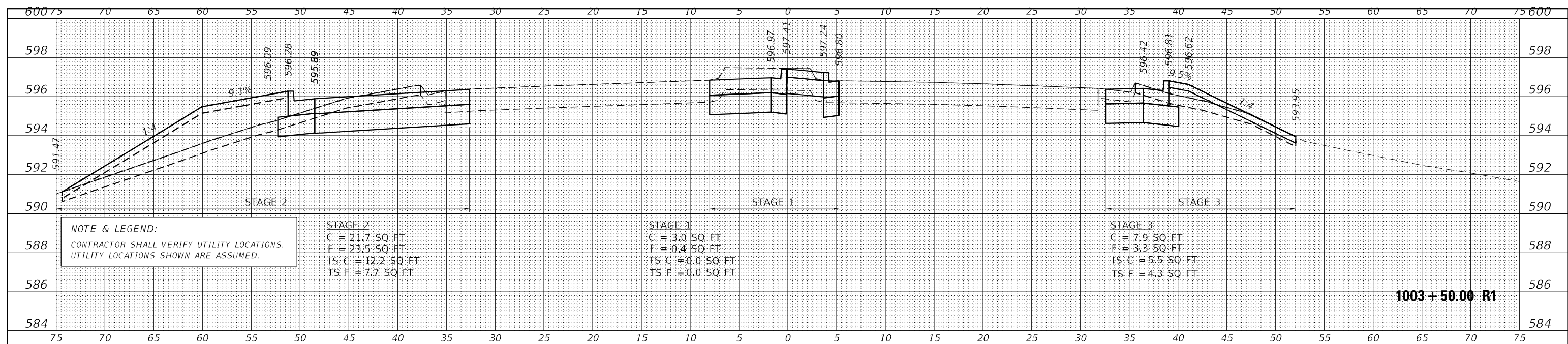
SCALE: 1" = 5' SHEET 07 OF 12 SHEETS STA. 1001+50.00 R1 TO STA. 1001+97.00 R1

FAPP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	240
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

DATE	
BY	
FINAL SURVEY	
NO.	
DATE	
BY	
FINAL SURVEY	
NO.	
DATE	
BY	
FINAL SURVEY	
NO.	

DATE	
BY	
FINAL SURVEY	
NO.	
DATE	
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FINAL SURVEY	
NO.	
DATE	
BY	
FINAL SURVEY	
NO.	

DATE PLOTTED = 3/18/2022 3:32:49 PM
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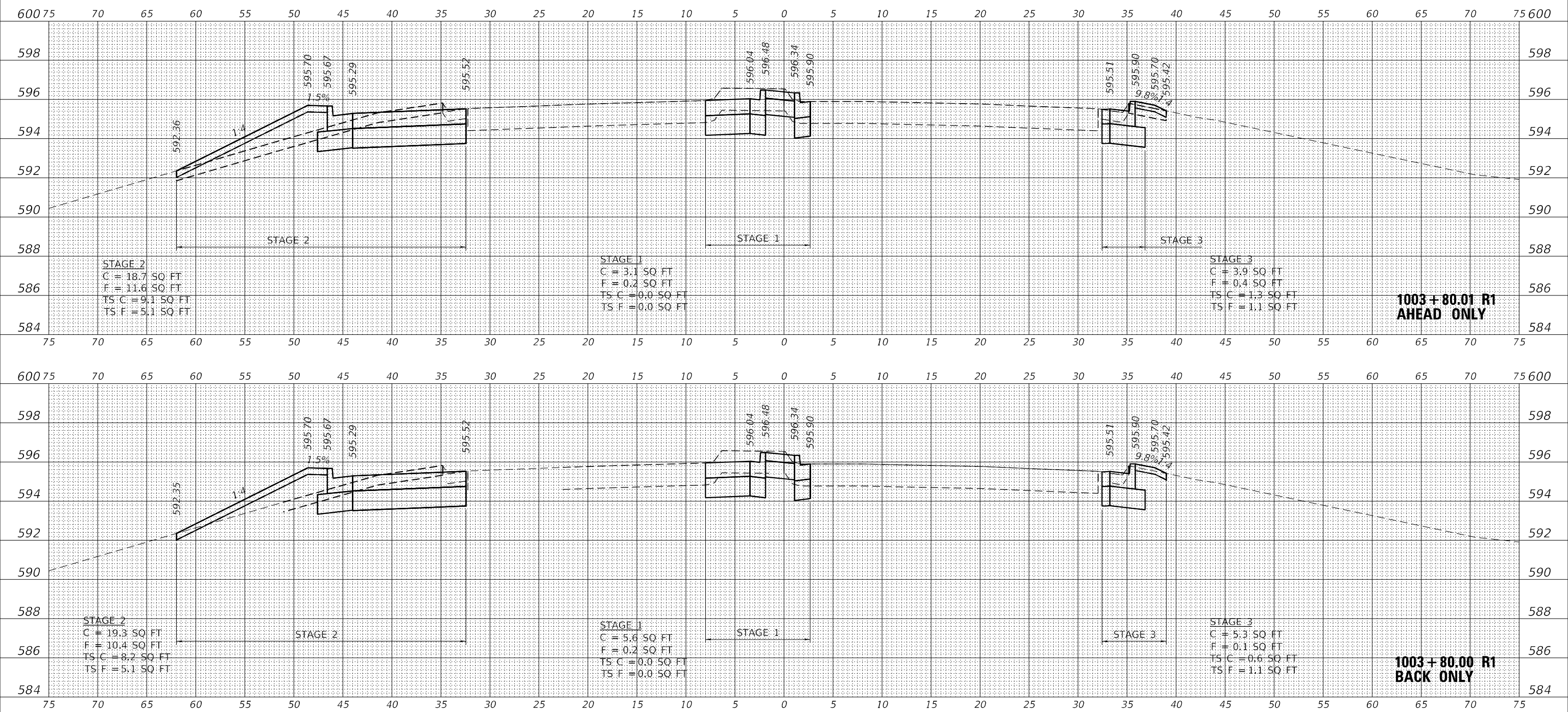


NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

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

DATE PLOTTED = 3/18/2022 3:32:51 PM
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USER NAME = Roadway	DESIGNED - JPA	REVISED -
PLOT SCALE = 10,000' / in.	DRAWN - JPA	REVISED -
PLOT DATE = 3/18/2022	CHECKED - EPS	REVISED -
	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 US ROUTE 52**

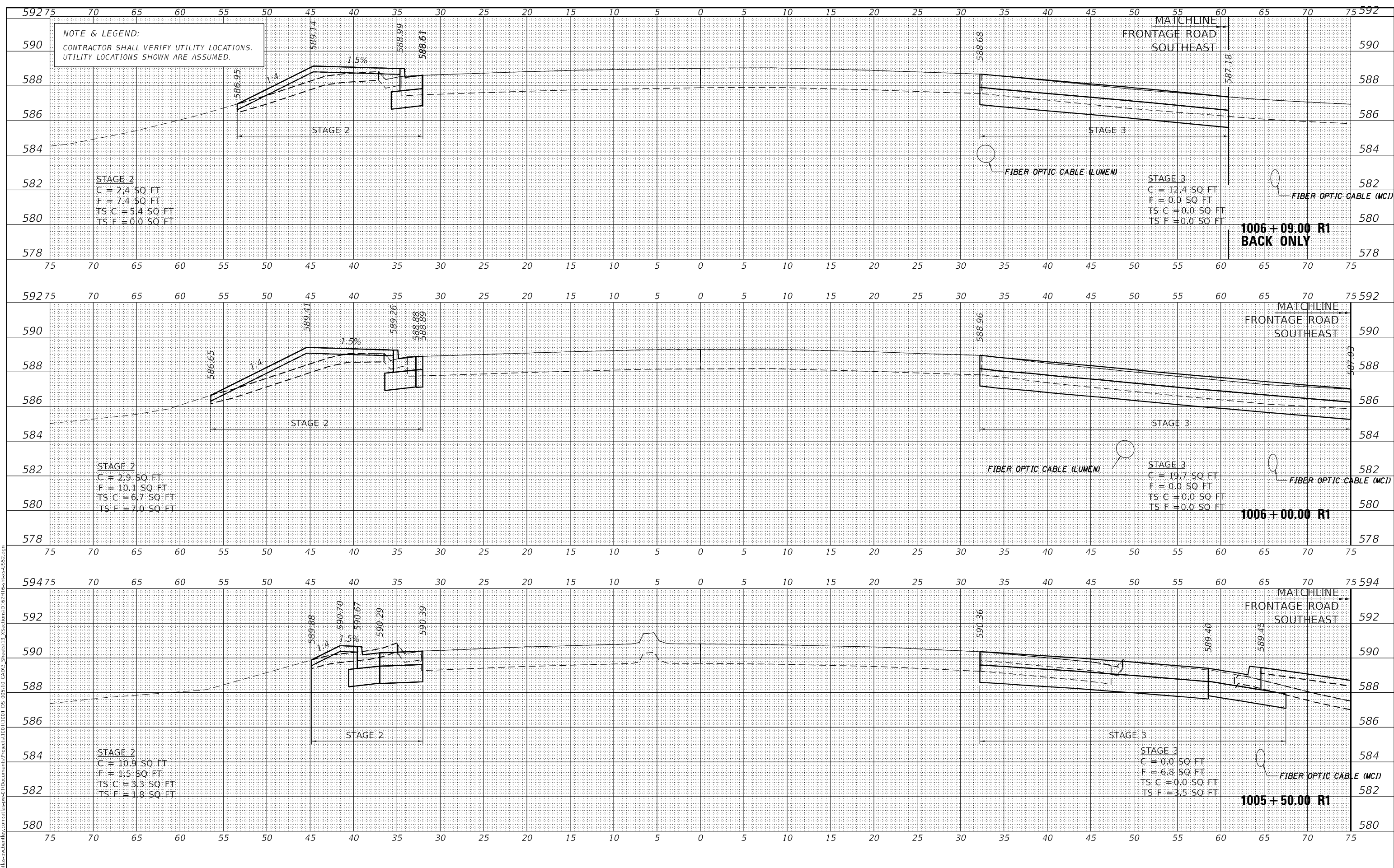
SCALE: 1" = 5' SHEET 09 OF 12 SHEETS STA. 1003+80.00 R1 TO STA. 1003+80.01 R1

FAPP RTE. 607	SECTION 2018-075-B-R	COUNTY WILL	TOTAL SHEETS 280	SHEET NO. 242
CONTRACT NO. 62H16			ILLINOIS FED. AID PROJECT	

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

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

DATE PLOTTED = 3/18/2022 3:32:55 PM
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 FILE NAME: \\data\as-pw\deliber\contract\as-pw\10\Documents\Project\1001\1001 DS 05\1D CAD\3 Sheets\13_X\Sections\13_X\Section13_X.dwg



USER NAME =	Roadway	DESIGNED -	JPA	REVISED -	
PLLOT SCALE =	10,000.00' / in.	DRAWN -	JPA	REVISED -	
PLLOT DATE =	3/18/2022	CHECKED -	EPS	REVISED -	
		DATE -	8/25/2021	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS US ROUTE 52			
SCALE: 1" = 5'	SHEET 12	OF 12 SHEETS	STA. 1005+50.00 R1 TO STA. 1006+09.00 R1

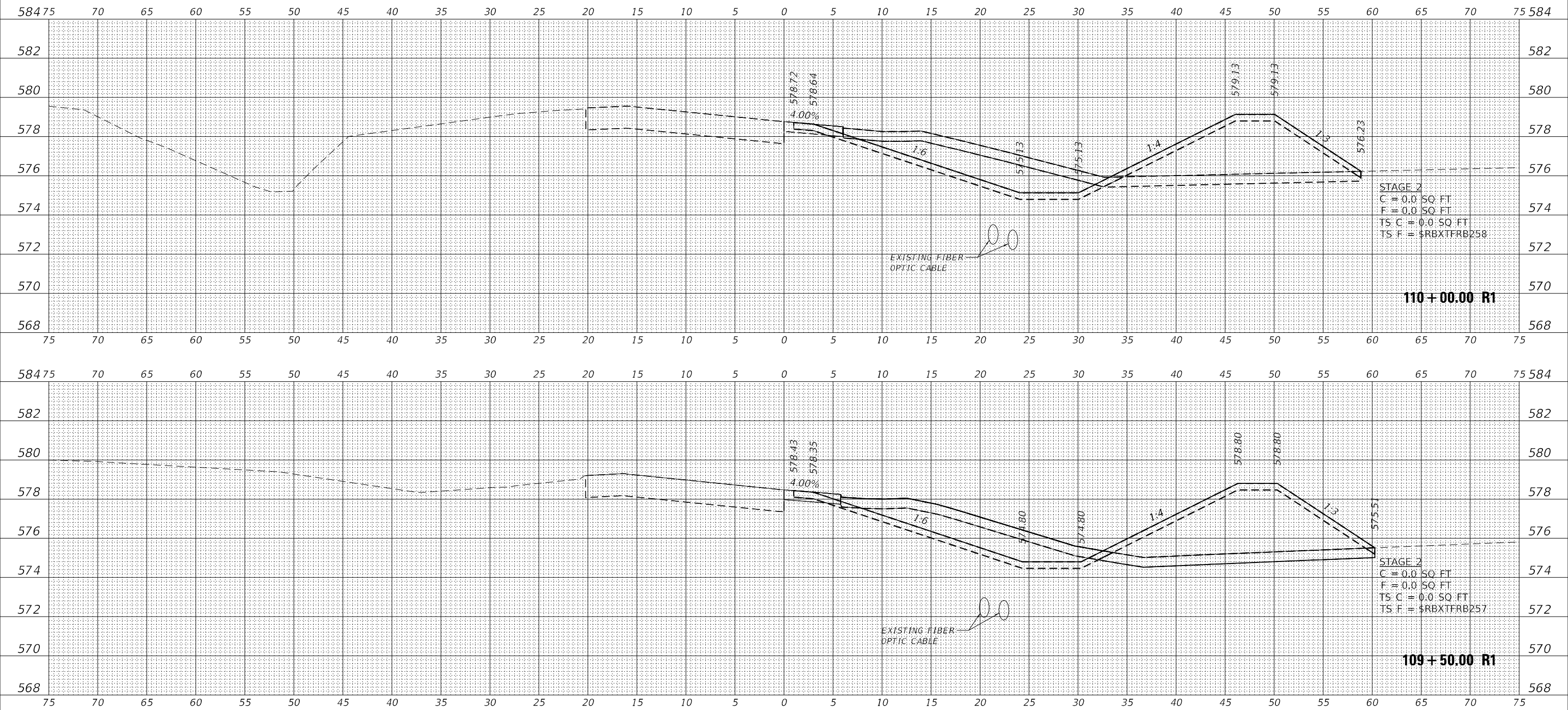
FAPP RFE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	245
				CONTRACT NO. 62H16
				ILLINOIS FED. AID PROJECT

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

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

DATE PLOTTED = 3/17/2022 2:37:18 PM
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 MODEL \$PROJECTNAME\$
 FILE NAME: d:\data\as-pw\01\documents\project\1001\1001 DS 0051D CAD\3 Sheets\13_XSections\13_R1\13-R1-50-R1.rtg



USER NAME = Roadway	DESIGNED - JPA	REVISED -
	DRAWN - JPA	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - EPS	REVISED -
PLOT DATE = 3/17/2022	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 RAMP B**

SCALE: 1" = 5' SHEET 01 OF 09 SHEETS STA. 109+50.00 R1 TO STA. 110+00.00 R1

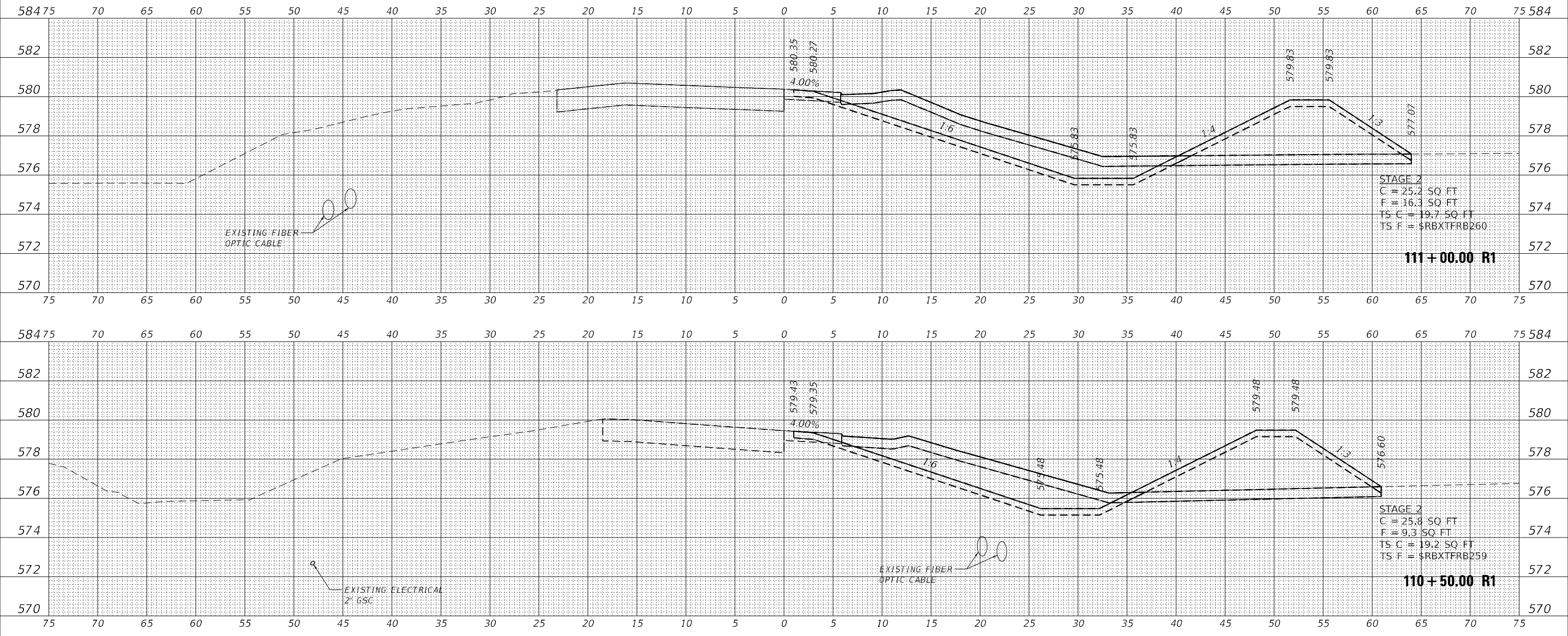
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	246
CONTRACT NO.			62H16	
ILLINOIS FED. AID PROJECT				

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
NOTE BOOK	
AREAS CHECKED	
NO.	

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USER NAME = Roadway	DESIGNED - JPA	REVISED -
	DRAWN - JPA	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - EPS	REVISED -
PLOT DATE = 3/17/2022	DATE - 8/25/2021	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
RAMP B

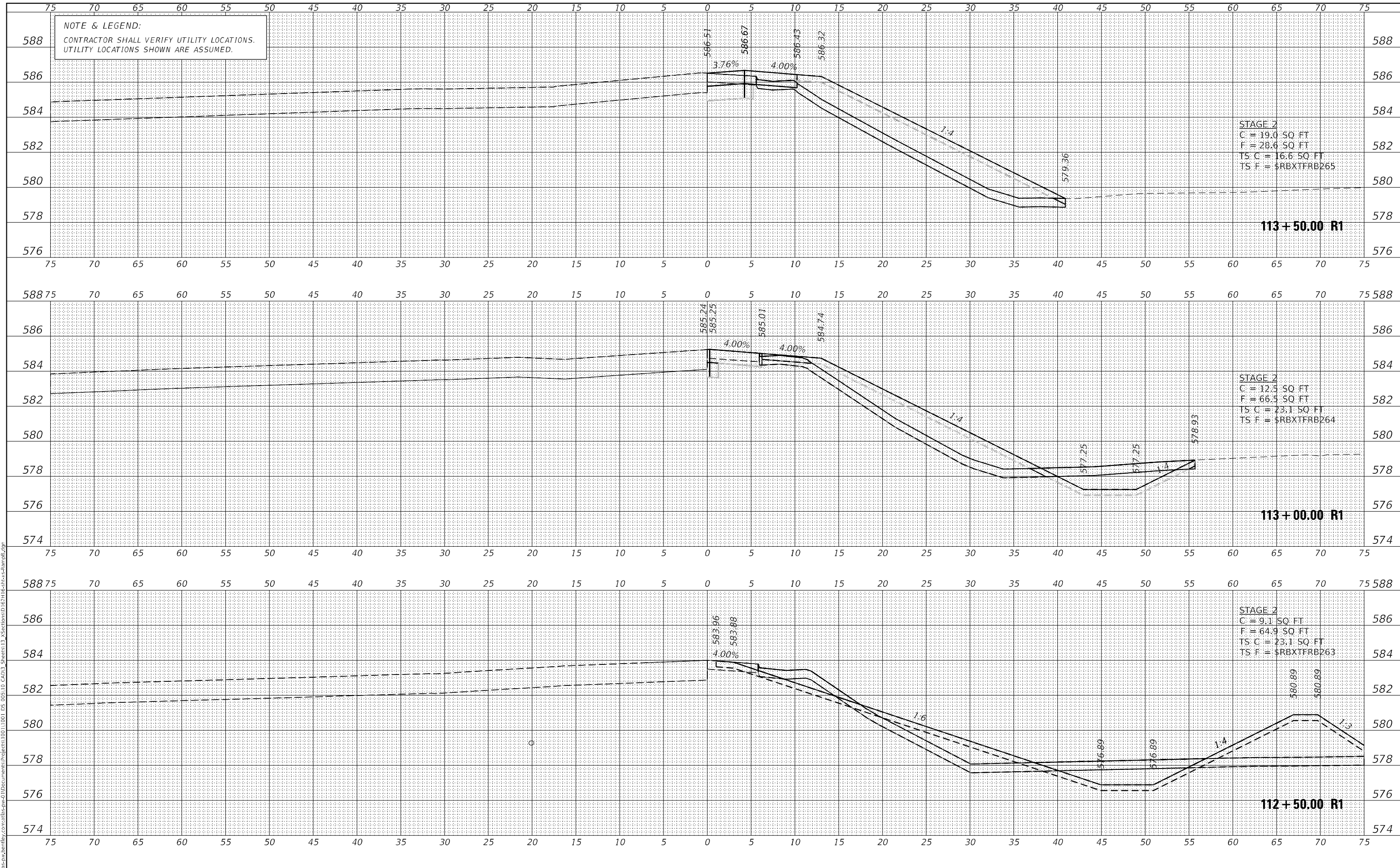
SCALE: 1" = 5' SHEET 02 OF 09 SHEETS STA. 110+50.00 R1 TO STA. 111+00.00 R1

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	247
CONTRACT NO.			62H16	
ILLINOIS		FED. AID PROJECT		

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

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

DATE PLOTTED = 3/17/2022 2:37:20 PM
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USER NAME = Roadway	DESIGNED - JPA	REVISED -
	DRAWN - JPA	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - EPS	REVISED -
PLOT DATE = 3/17/2022	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS RAMP B			
SCALE: 1" = 5'	SHEET 04	OF 09 SHEETS	STA. 112+50.00 R1 TO STA. 113+50.00 R1

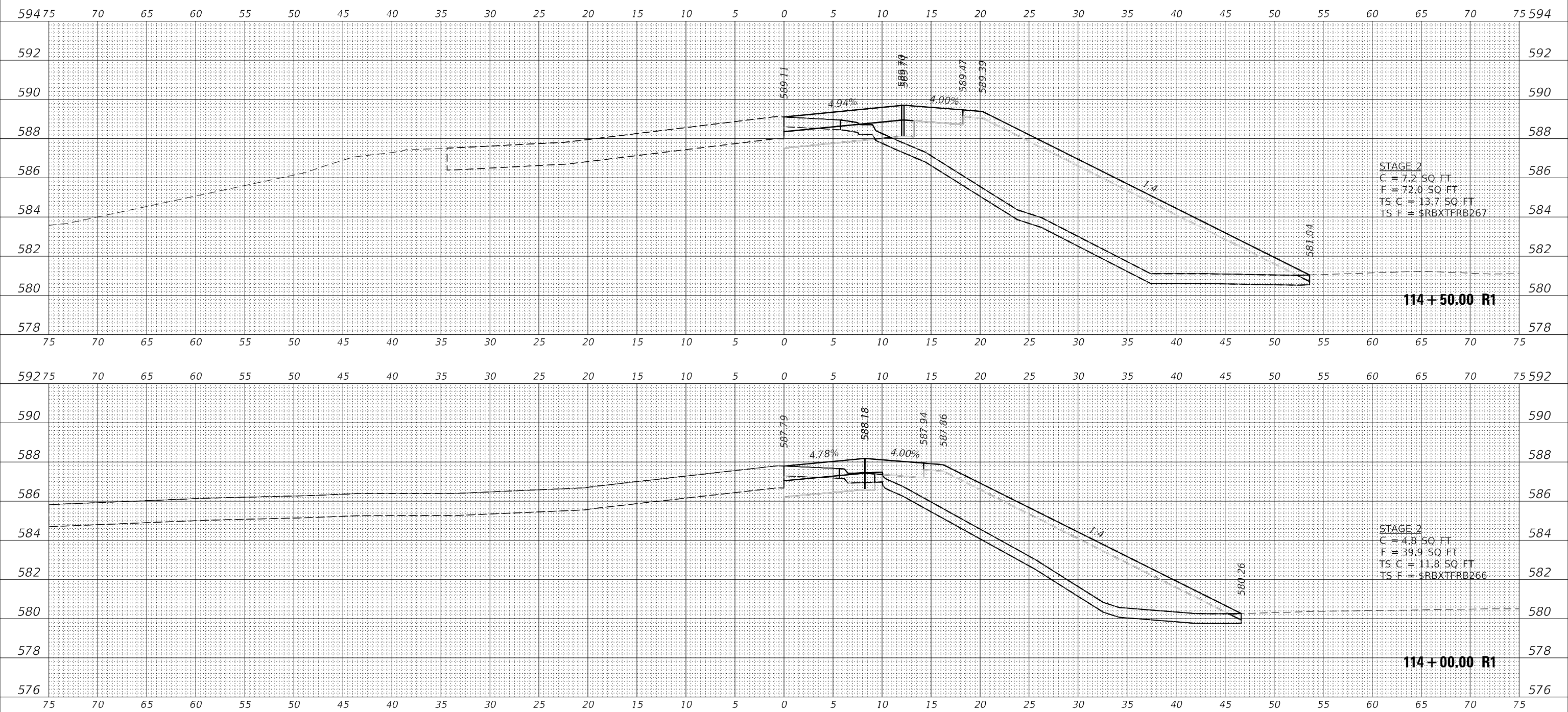
FAP RTE. 607	SECTION 2018-075-B-R	COUNTY WILL	TOTAL SHEETS 280	SHEET NO. 249
CONTRACT NO. 62H16			ILLINOIS FED. AID PROJECT	

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

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

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STAGE 2
 C = 7.2 SQ. FT.
 F = 72.0 SQ. FT.
 TS C = 13.7 SQ. FT.
 TS F = \$RBXTFRB267

STAGE 2
 C = 4.8 SQ. FT.
 F = 39.9 SQ. FT.
 TS C = 11.8 SQ. FT.
 TS F = \$RBXTFRB266



USER NAME = Roadway	DESIGNED - JPA	REVISED -
	DRAWN - JPA	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - EPS	REVISED -
PLOT DATE = 3/17/2022	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 RAMP B**

SCALE: 1" = 5' SHEET 05 OF 09 SHEETS STA. 114+00.00 R1 TO STA. 114+50.00 R1

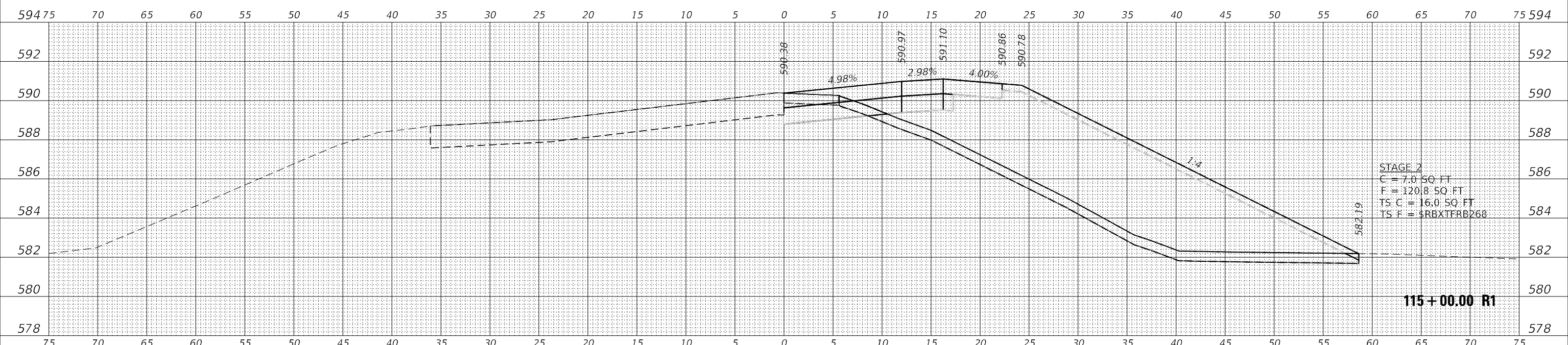
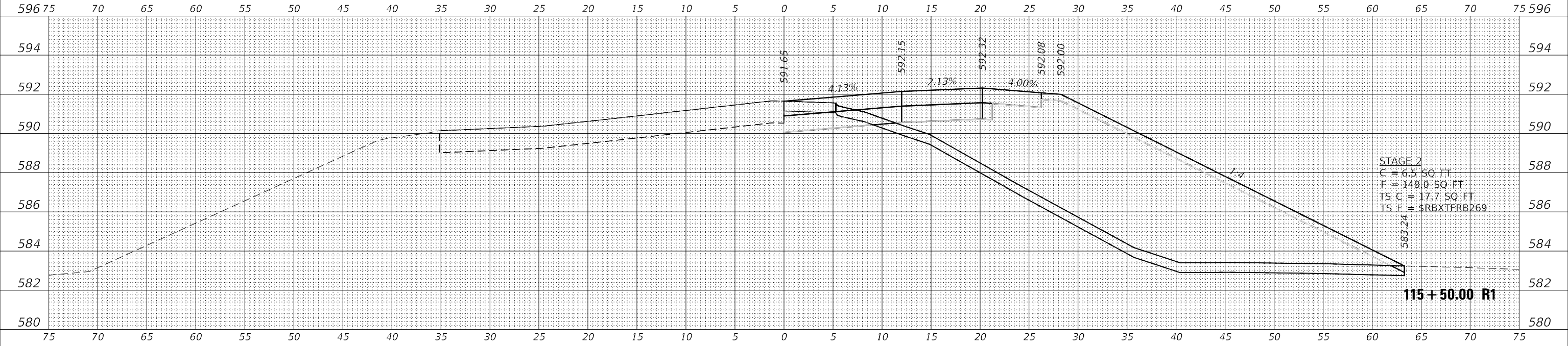
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	250
CONTRACT NO.			62H16	
ILLINOIS FED. AID PROJECT				

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

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

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USER NAME =	Roadway	DESIGNED -	JPA	REVISED -	
		DRAWN -	JPA	REVISED -	
PLOT SCALE =	10,0000' / in.	CHECKED -	EPS	REVISED -	
PLOT DATE =	3/17/2022	DATE -	8/25/2021	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS RAMP B			
SCALE: 1" = 5'	SHEET 06	OF 09 SHEETS	STA. 115+00.00 R1 TO STA. 115+50.00 R1

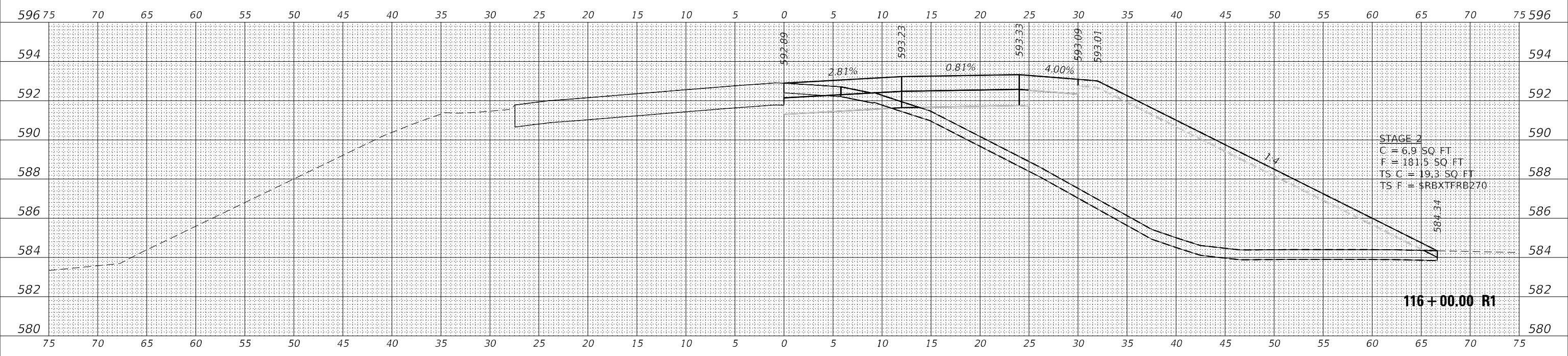
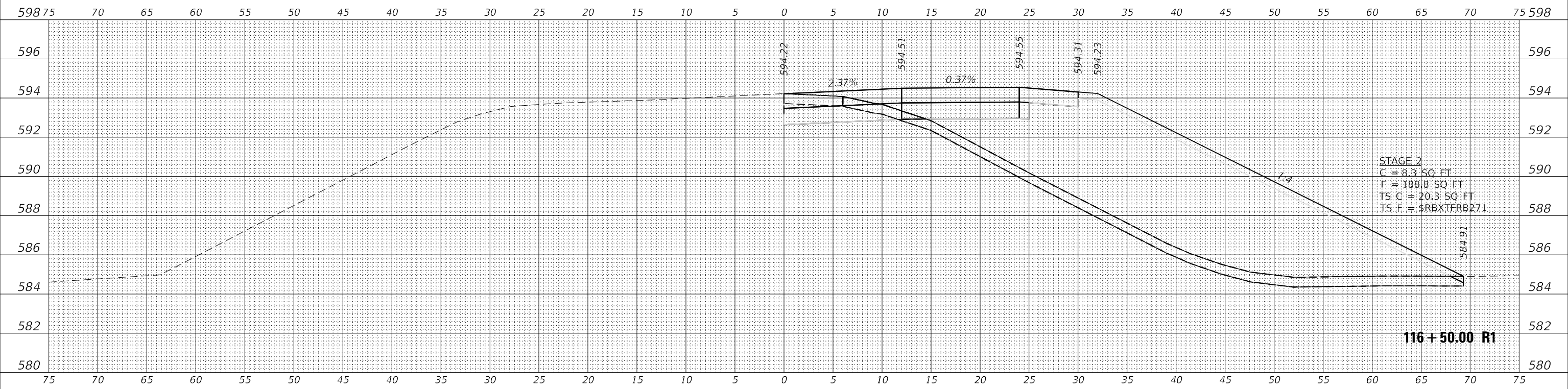
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	251
CONTRACT NO.			62H16	
ILLINOIS		FED. AID PROJECT		

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

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

DATE PLOTTED = 3/17/2022 2:37:23 PM
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USER NAME = Roadway	DESIGNED - JPA	REVISED -
	DRAWN - JPA	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - EPS	REVISED -
PLOT DATE = 3/17/2022	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 RAMP B**

SCALE: 1" = 5' SHEET 07 OF 09 SHEETS STA. 116+00.00 R1 TO STA. 116+50.00 R1

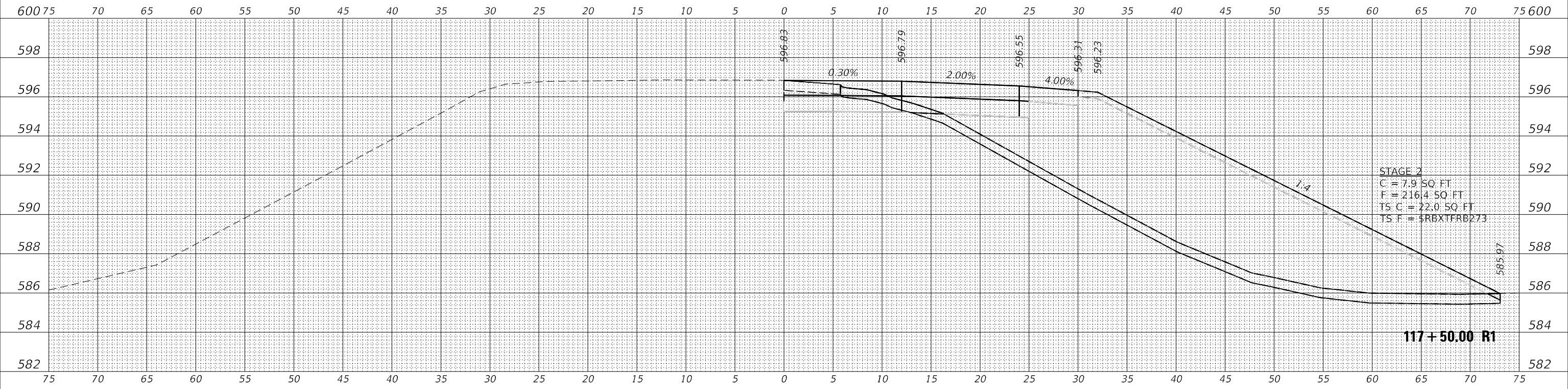
FAP RTE. 607	SECTION 2018-075-B-R	COUNTY WILL	TOTAL SHEETS 280	SHEET NO. 252
CONTRACT NO. 62H16			ILLINOIS FED. AID PROJECT	

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

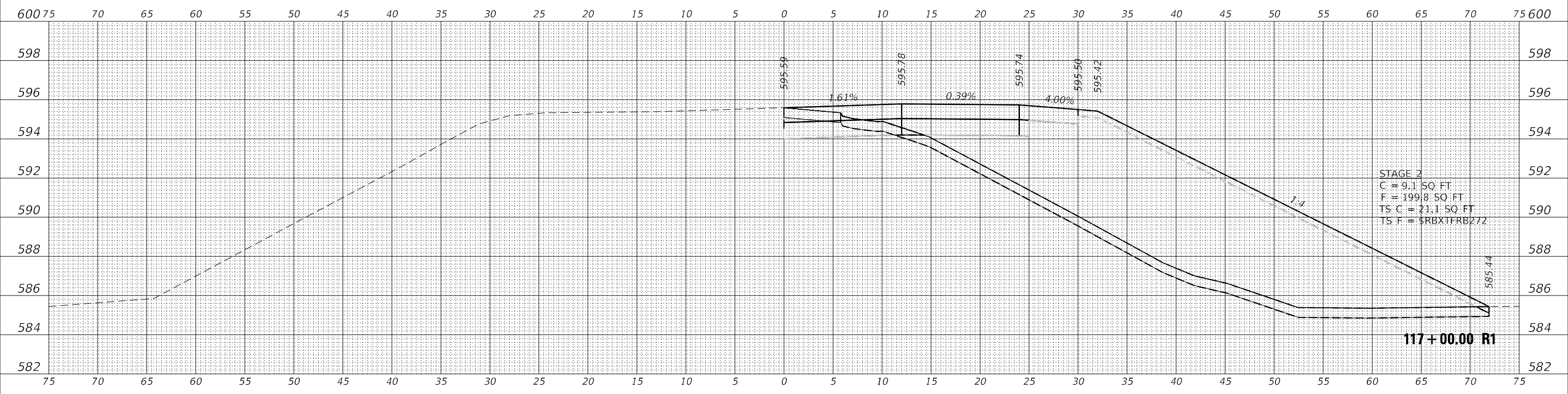
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED

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

DATE PLOTTED = 3/17/2022 2:37:23 PM
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 MODEL: \$PLOTNAME\$
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STAGE 2
 C = 7.9 SQ. FT.
 F = 216.4 SQ. FT.
 TS C = 22.0 SQ. FT.
 TS F = \$RBX1FRB273



STAGE 2
 C = 9.1 SQ. FT.
 F = 199.8 SQ. FT.
 TS C = 21.1 SQ. FT.
 TS F = \$RBX1FRB272



USER NAME =	Roadway
DESIGNED -	JPA
DRAWN -	JPA
CHECKED -	EPS
DATE -	8/25/2021
REVISIONS	
REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS RAMP B			
SCALE: 1" = 5'	SHEET 08	OF 09 SHEETS	STA. 117+00.00 R1 TO STA. 117+50.00 R1

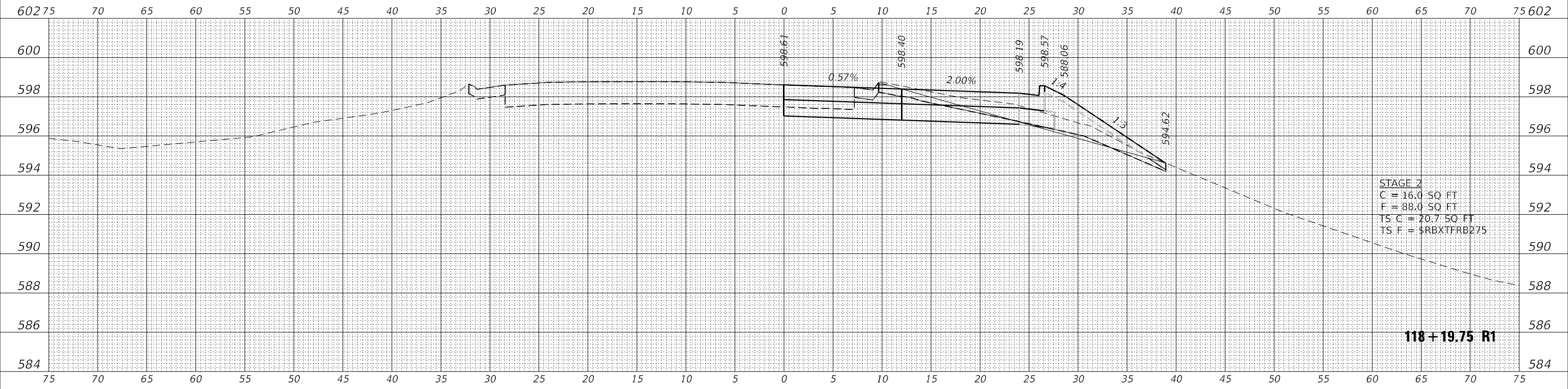
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	253
CONTRACT NO.			62H16	
ILLINOIS FED. AID PROJECT				

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

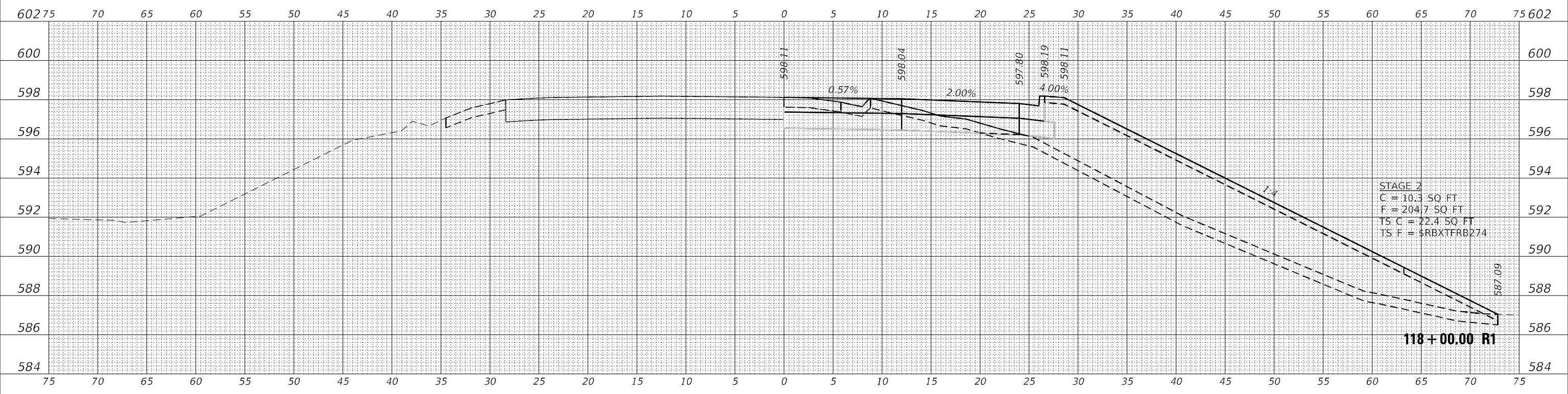
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK NO.	PLOTTED
	TEMPLATE
	AREAS CHECKED

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

DATE PLOTTED = 3/17/2022 2:37:24 PM
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 FILE NAME = D:\data\as\p\2021\20210817\20210817.dwg



STAGE 2
 C = 16.0 SQ FT
 F = 88.0 SQ FT
 TS C = 20.7 SQ FT
 TS F = \$RBXTFRB275



STAGE 2
 C = 10.3 SQ FT
 F = 204.7 SQ FT
 TS C = 22.4 SQ FT
 TS F = \$RBXTFRB274



USER NAME =	Roadway
DESIGNED -	JPA
DRAWN -	JPA
CHECKED -	EPS
DATE -	8/25/2021
PLOT SCALE =	10,0000' / in.
PLOT DATE =	3/17/2022

REVISED -	
REVISED -	
REVISED -	
REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 RAMP B**

SCALE: 1" = 5' SHEET 09 OF 09 SHEETS STA. 118+00.00 R1 TO STA. 118+19.75 R1

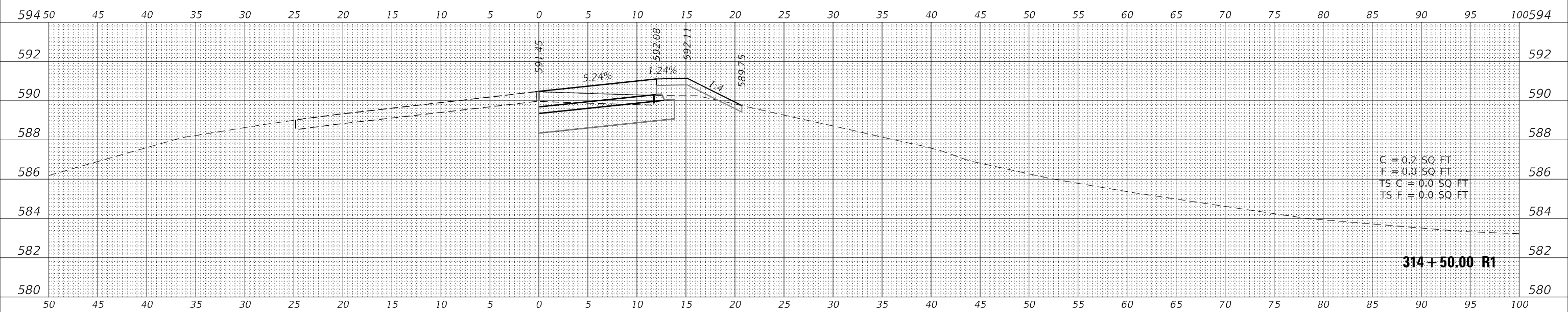
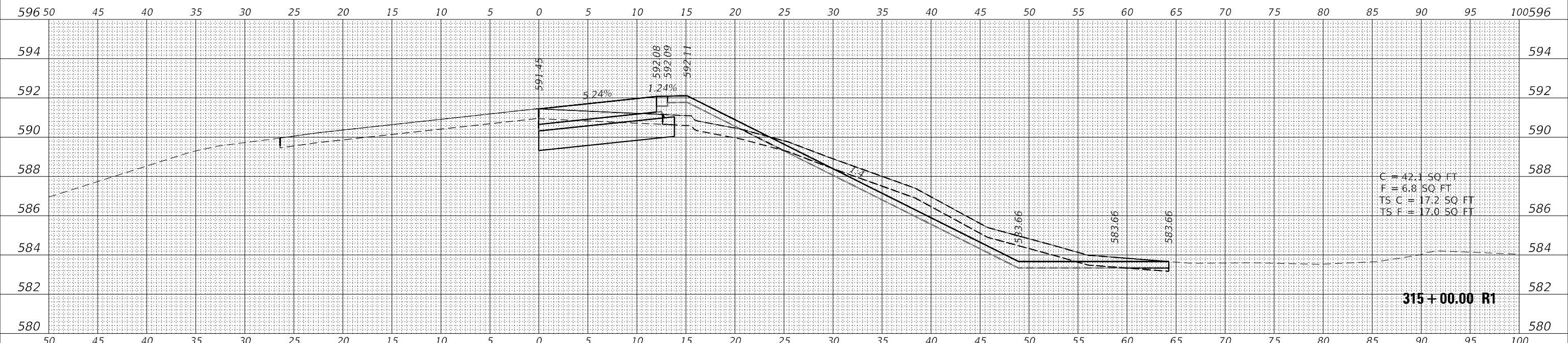
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	254
CONTRACT NO.			62H16	
ILLINOIS FED. AID PROJECT				

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

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

DATE PLOTTED = 3/21/2022 3:09:49 PM
 PEN TABLE = 0020944.01.tbl
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USER NAME = Roadway	DESIGNED - JPA	REVISED -
	DRAWN - JPA	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - EPS	REVISED -
PLOT DATE = 3/21/2022	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 RAMP C**

SCALE: 1" = 5' SHEET 02 OF 05 SHEETS STA. 314+50.00 R1 TO STA. 315+00.00 R1

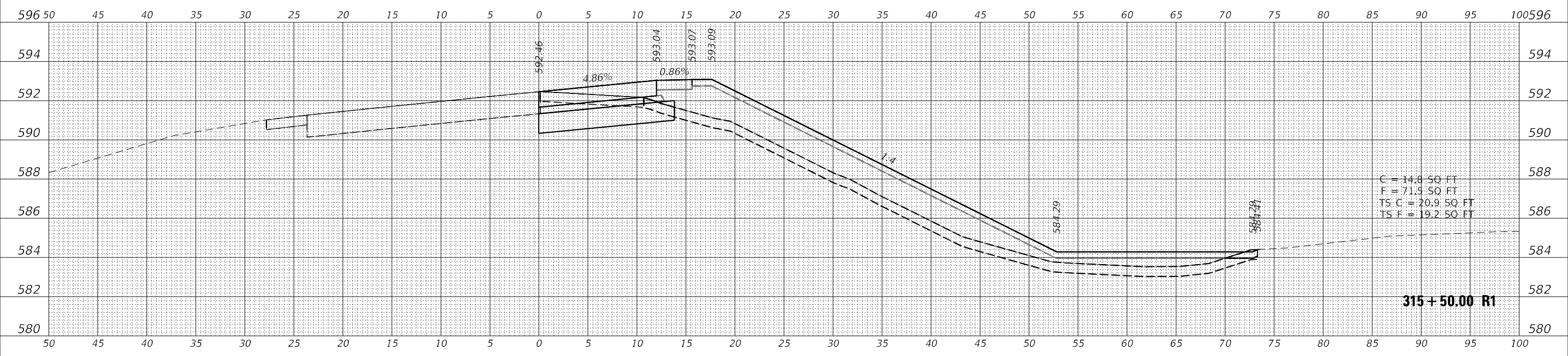
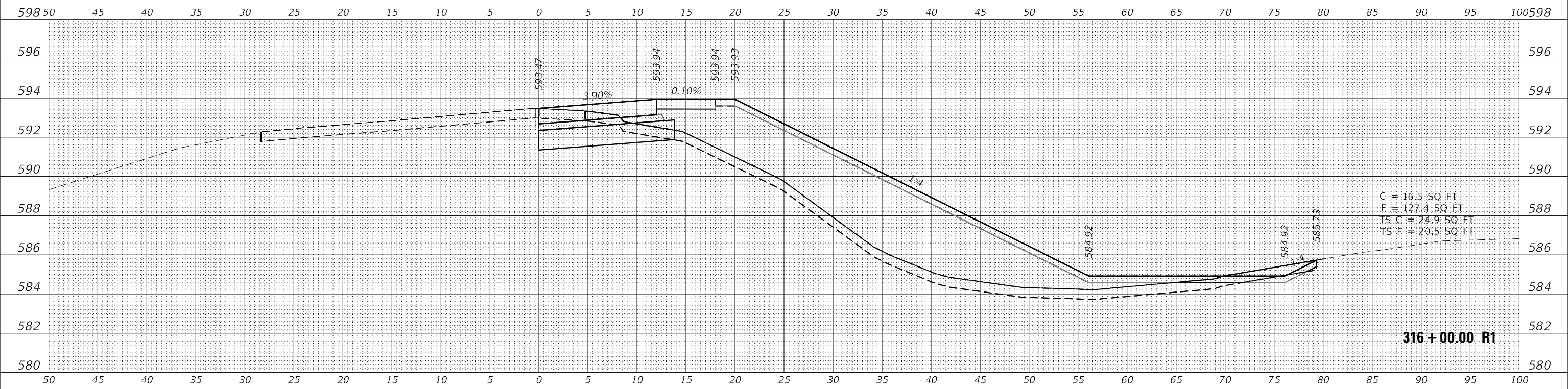
FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	256
CONTRACT NO. 62H16				
ILLINOIS		FED. AID PROJECT		

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

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

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USER NAME = Roadway	DESIGNED - JPA	REVISED -
	DRAWN - JPA	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - EPS	REVISED -
PLOT DATE = 3/21/2022	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 RAMP C**

SCALE: 1" = 5' SHEET 03 OF 05 SHEETS STA. 315+50.00 R1 TO STA. 316+00.00 R1

FAP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	257
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

DATE	
BY	
SURVEYED	
PLOTTED	
TEMPLATE	
AREAS CHECKED	
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NOTE BOOK	
NO.	

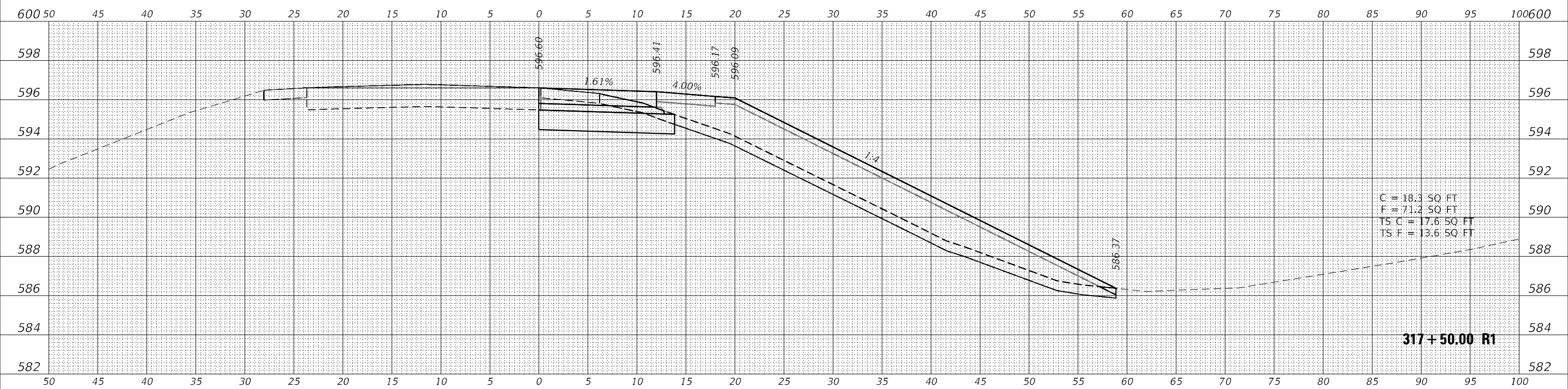
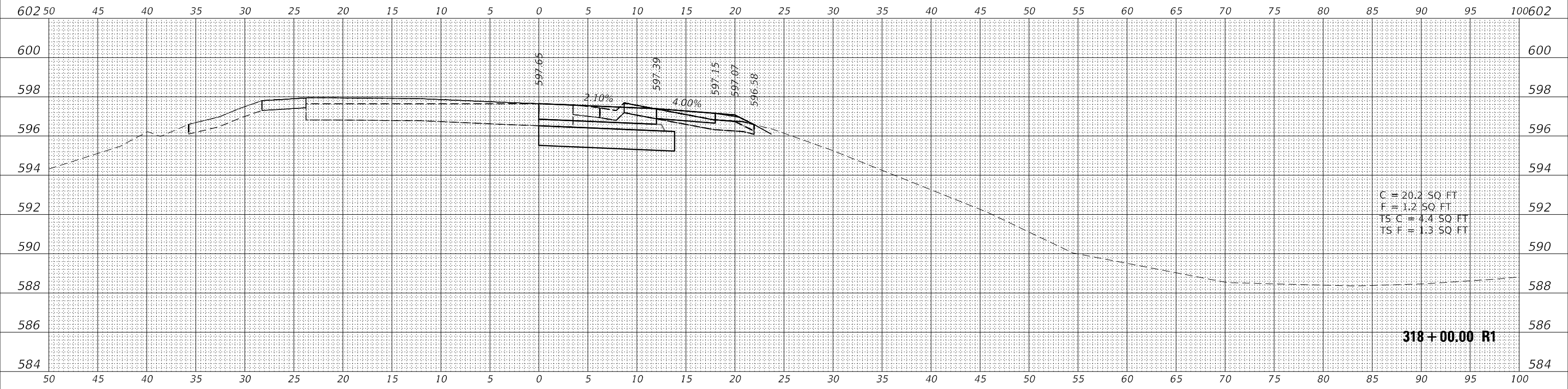
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NOTE & LEGEND:
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 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

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

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USER NAME = Roadway	DESIGNED - JPA	REVISED -
	DRAWN - JPA	REVISED -
PLOT SCALE = 10,000' / in.	CHECKED - EPS	REVISED -
PLOT DATE = 3/21/2022	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

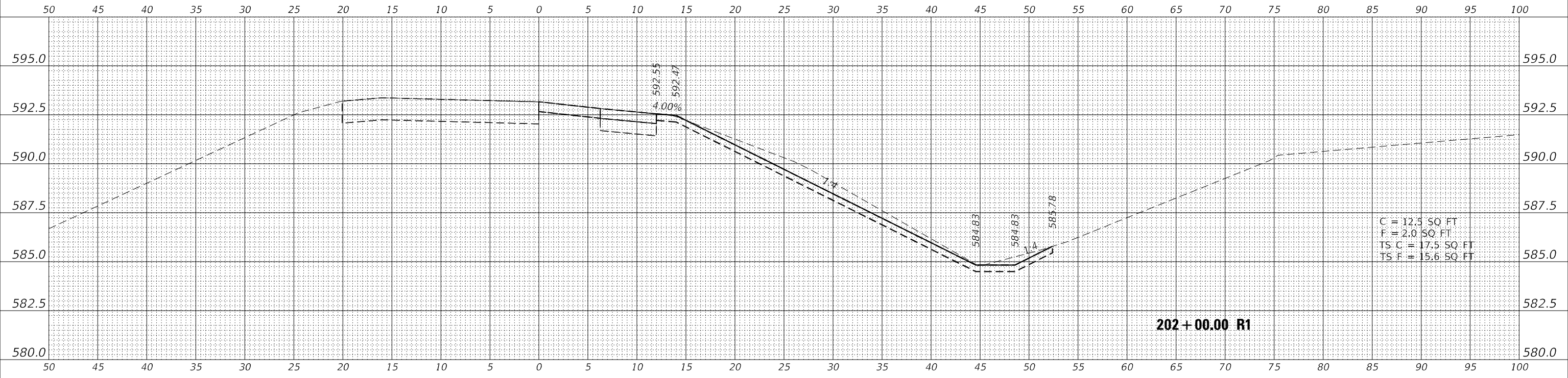
**CROSS SECTIONS
 RAMP C**

SCALE: 1" = 5' SHEET 05 OF 05 SHEETS STA. 317+50.00 R1 TO STA. 318+00.00 R1

FAP RTE. 607	SECTION 2018-075-B-R	COUNTY WILL	TOTAL SHEETS 280	SHEET NO. 259
CONTRACT NO. 62H16			ILLINOIS FED. AID PROJECT	

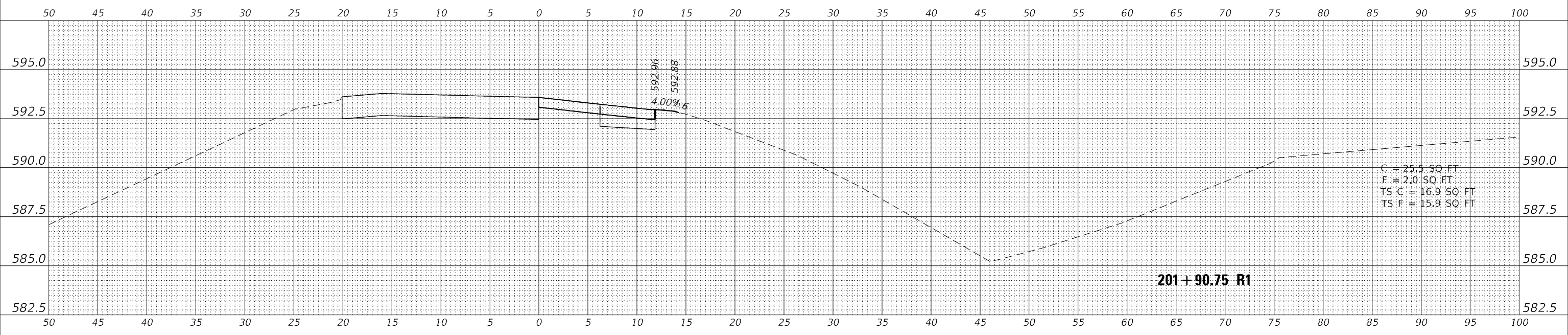
NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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



202+00.00 R1

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



201+90.75 R1

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USER NAME = Roadway	DESIGNED - JPA	REVISED -
	DRAWN - JPA	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - EPS	REVISED -
PLOT DATE = 3/21/2022	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 RAMP D**

SCALE: 1" = 5' SHEET 01 OF 04 SHEETS STA. 201+90.75 R1 TO STA. 202+00.00 R1

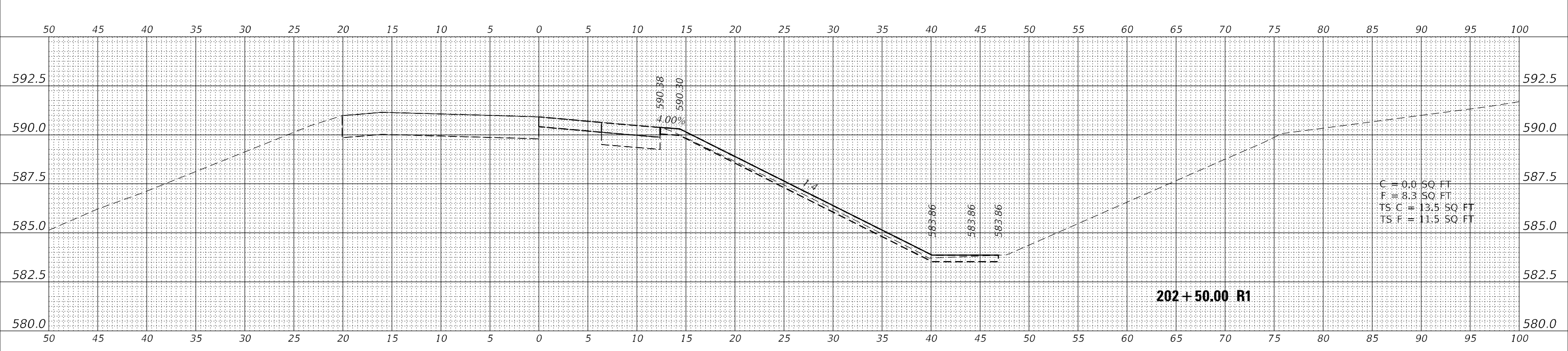
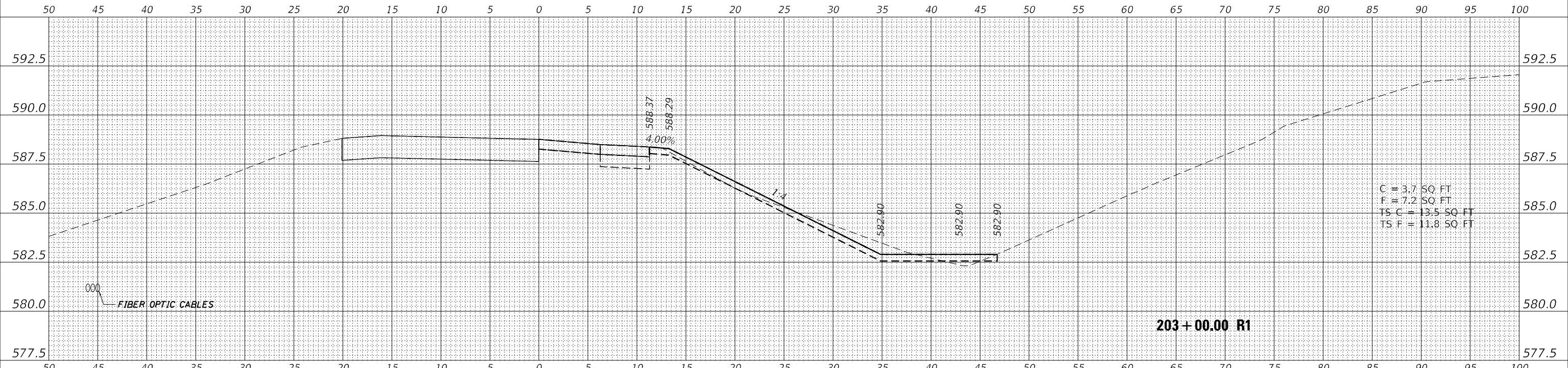
FAPP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	260
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

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

DATE PLOTTED = 3/21/2022 3:34:08 PM
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USER NAME = Roadway	DESIGNED - JPA	REVISED -
PLOT SCALE = 10,0000' / in.	DRAWN - JPA	REVISED -
PLOT DATE = 3/21/2022	CHECKED - EPS	REVISED -
	DATE - 8/25/2021	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

CROSS SECTIONS
 RAMP D

SCALE: 1" = 5' SHEET 02 OF 04 SHEETS STA. 202+50.00 R1 TO STA. 203+00.00 R1

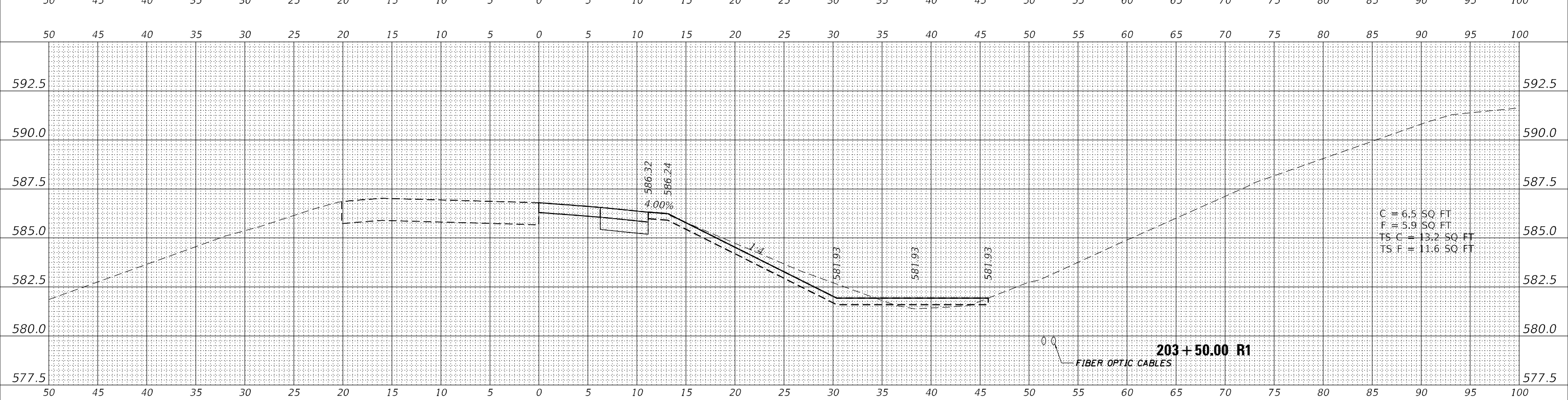
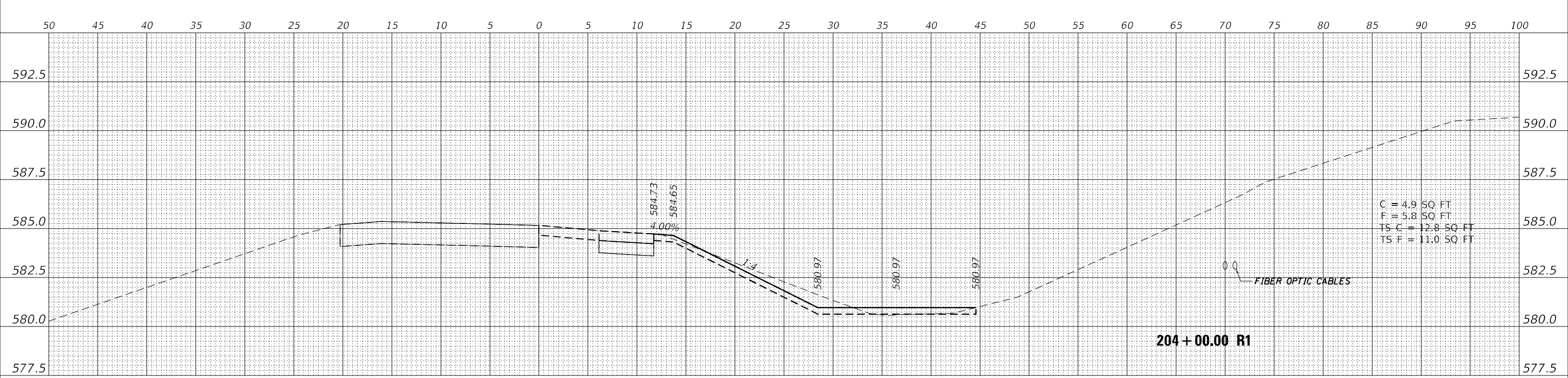
FAPP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	261
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

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

DATE PLOTTED = 3/21/2022 3:34:39 PM
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USER NAME = Roadway	DESIGNED - JPA	REVISED -
PLOT SCALE = 10,000' / in.	DRAWN - JPA	REVISED -
PLOT DATE = 3/21/2022	CHECKED - EPS	REVISED -
	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS RAMP D			
SCALE: 1" = 5'	SHEET 03	OF 04 SHEETS	STA. 203+50.00 R1 TO STA. 204+00.00 R1

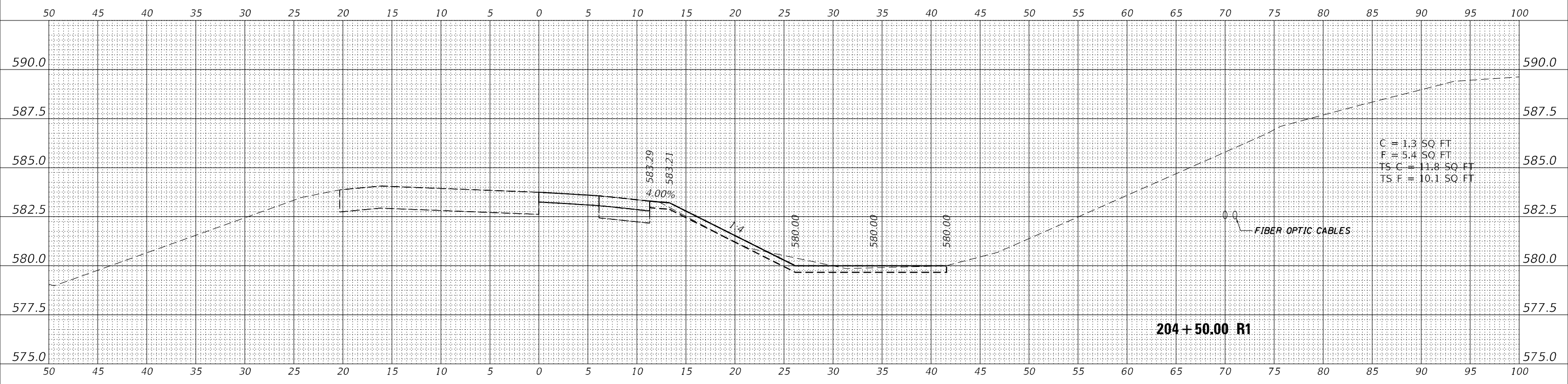
FAPP RTE. 607	SECTION 2018-075-B-R	COUNTY WILL	TOTAL SHEETS 280	SHEET NO. 262
CONTRACT NO. 62H16			ILLINOIS FED. AID PROJECT	

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

DATE PLOTTED = 3/21/2022 3:34:59 PM
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CiorbaGroup
 8725 W. Higgins Rd, Ste 600, Chicago, IL 60631
 P 773.775.4009 | www.ciorba.com

USER NAME = Roadway	DESIGNED - JPA	REVISED -
	DRAWN - JPA	REVISED -
PLOT SCALE = 10,000.00' / in.	CHECKED - EPS	REVISED -
PLOT DATE = 3/21/2022	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 RAMP D**

SCALE: 1" = 5' SHEET 04 OF 04 SHEETS STA. 204+50.00 R1 TO STA. 204+50.00 R1

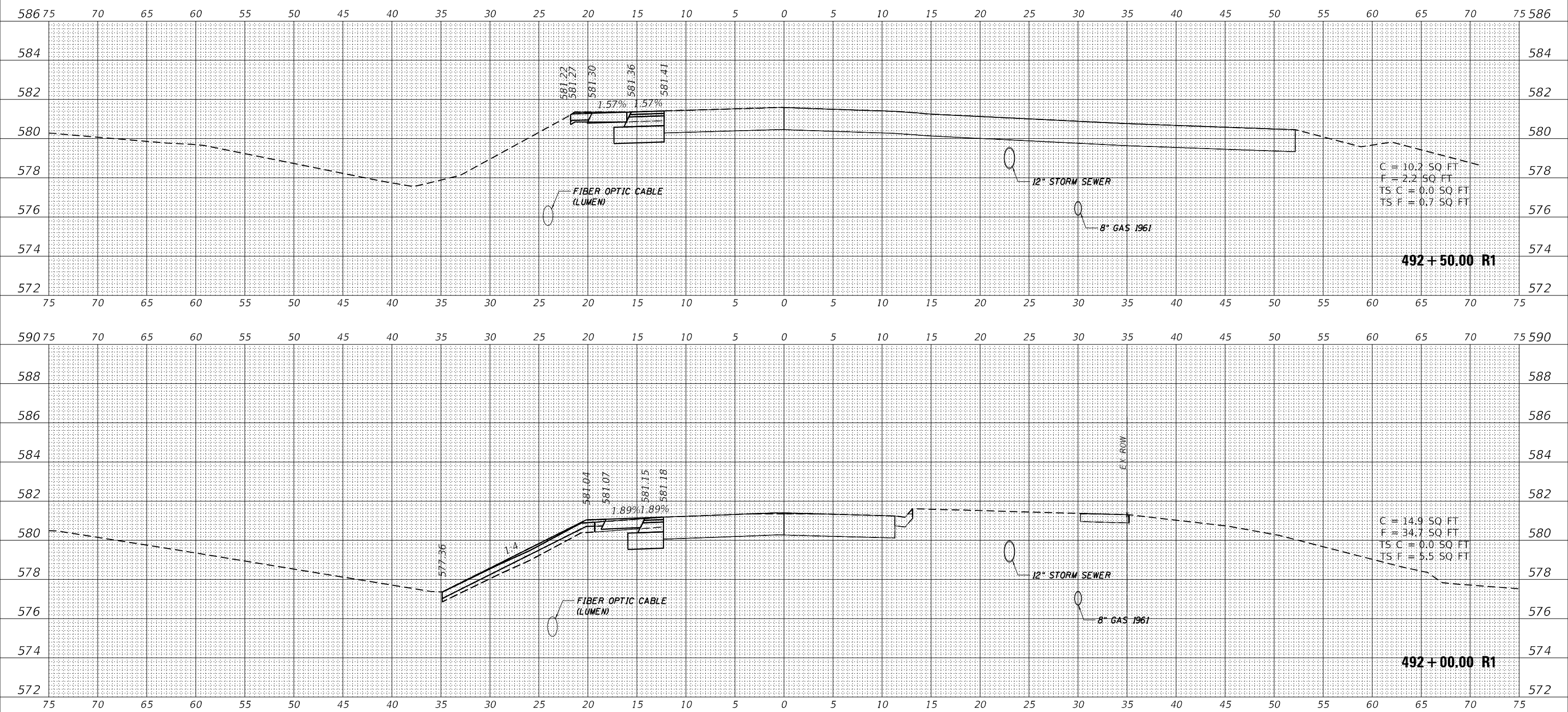
FAPP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	263
			CONTRACT NO. 62H16	
		ILLINOIS FED. AID PROJECT		

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

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

DATE PLOTTED = 3/21/2022 3:07:03 PM
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CiorbaGroup
 8725 W. Higgins Rd, Ste 600, Chicago, IL 60631
 P 773.775.4009 | www.ciorba.com

USER NAME = Roadway	DESIGNED - JPA	REVISED -
PLOT SCALE = 10,000.0' / in.	DRAWN - JPA	REVISED -
PLOT DATE = 3/21/2022	CHECKED - EPS	REVISED -
	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

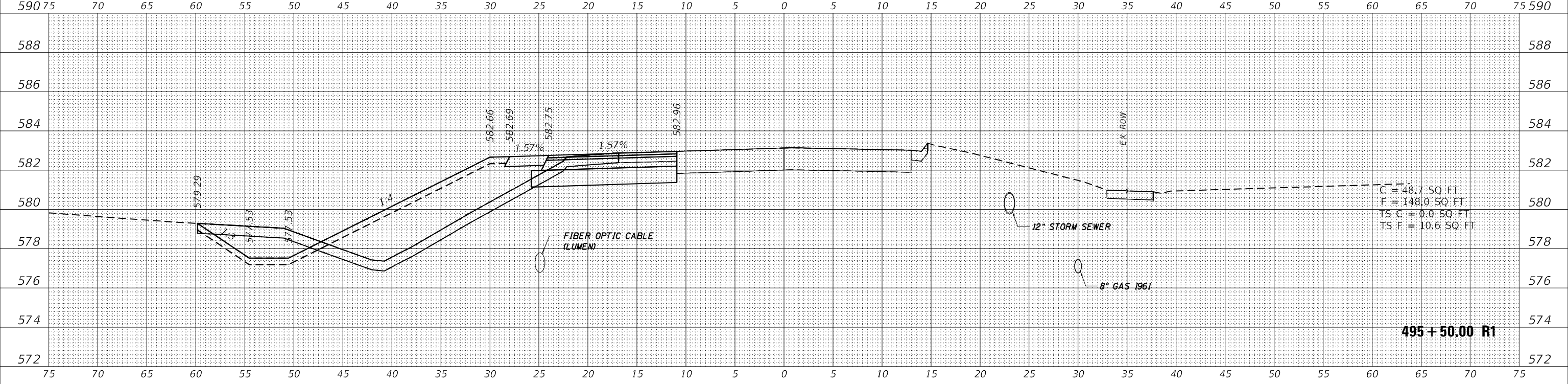
**CROSS SECTIONS
 SOUTHEAST FRONTAGE ROAD**

SCALE: 1" = 5' SHEET OF SHEETS STA. 492+00.00 R1 TO STA. 492+50.00 R1

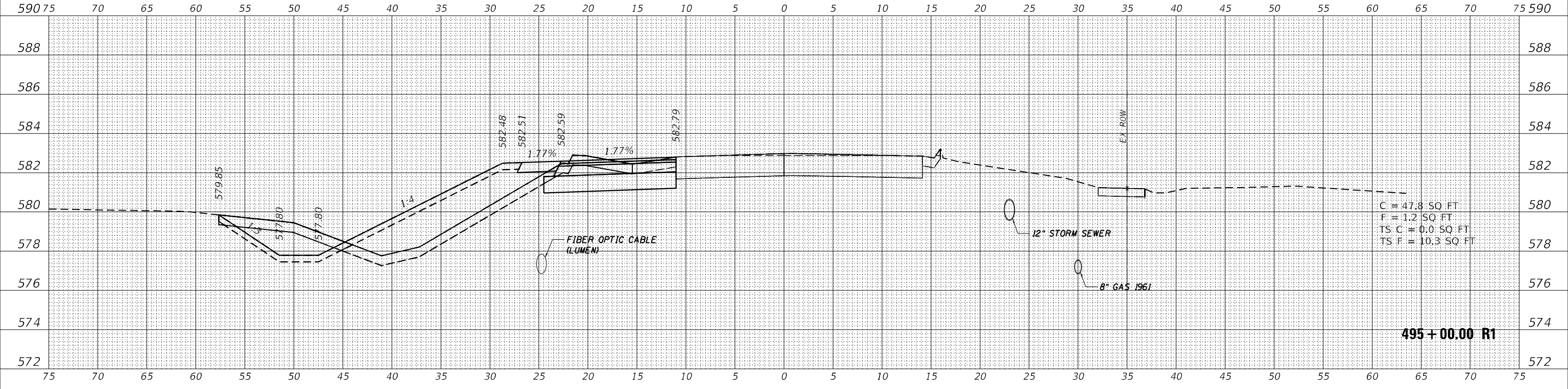
FAPP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	265
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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



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



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USER NAME = Roadway	DESIGNED - JPA	REVISED -
PLOT SCALE = 10,000.00' / in.	DRAWN - JPA	REVISED -
PLOT DATE = 3/21/2022	CHECKED - EPS	REVISED -
	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

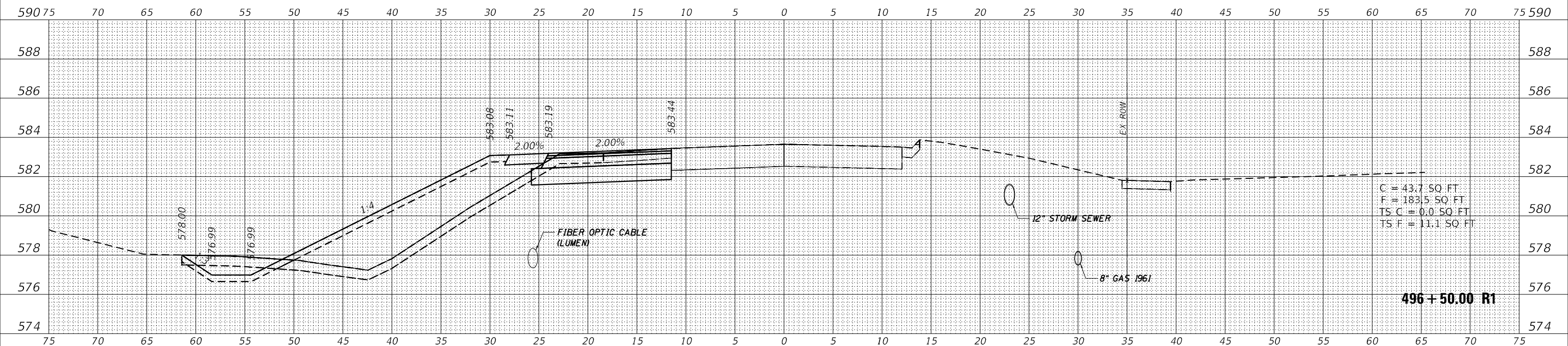
**CROSS SECTIONS
 SOUTHEAST FRONTAGE ROAD**

SCALE: 1" = 5' SHEET OF SHEETS STA. 495+00.00 R1 TO STA. 495+50.00 R1

FAPP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	268
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

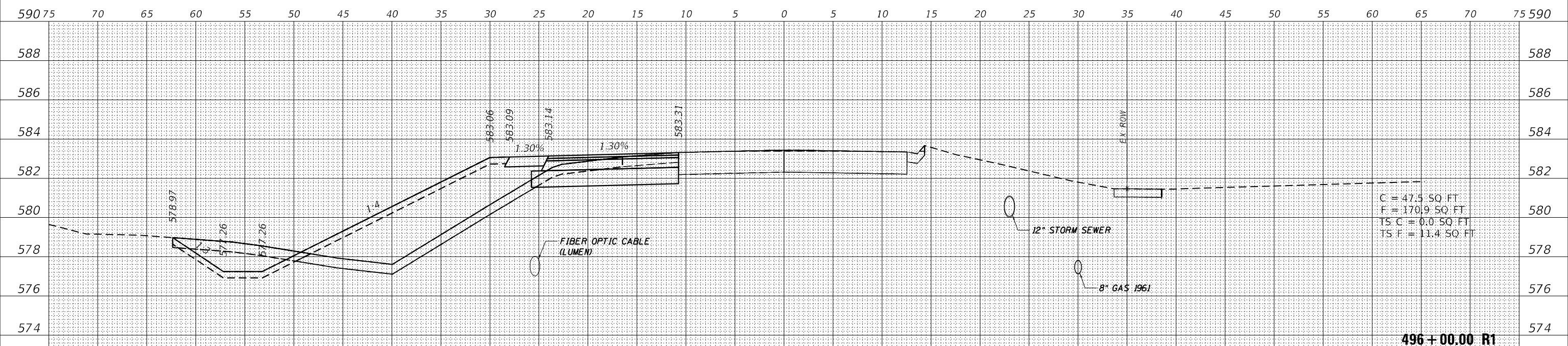
DATE	
BY	
FINAL SURVEY	SURVEYED
NOTE BOOK	PLOTTED
NO.	TEMPLATE
	AREAS CHECKED



C = 43.7 SQ. FT
 F = 183.5 SQ. FT
 TS C = 0.0 SQ. FT
 TS F = 11.1 SQ. FT

496 + 50.00 R1

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



C = 47.5 SQ. FT
 F = 170.9 SQ. FT
 TS C = 0.0 SQ. FT
 TS F = 11.4 SQ. FT

496 + 00.00 R1

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USER NAME = Roadway	DESIGNED - JPA	REVISED -
	DRAWN - JPA	REVISED -
PLOT SCALE = 10,000.00' / in.	CHECKED - EPS	REVISED -
PLOT DATE = 3/21/2022	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SOUTHEAST FRONTAGE ROAD**

SCALE: 1" = 5' SHEET OF SHEETS STA. 496+00.00 R1 TO STA. 496+50.00 R1

FAPP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	269
CONTRACT NO. 62H16				

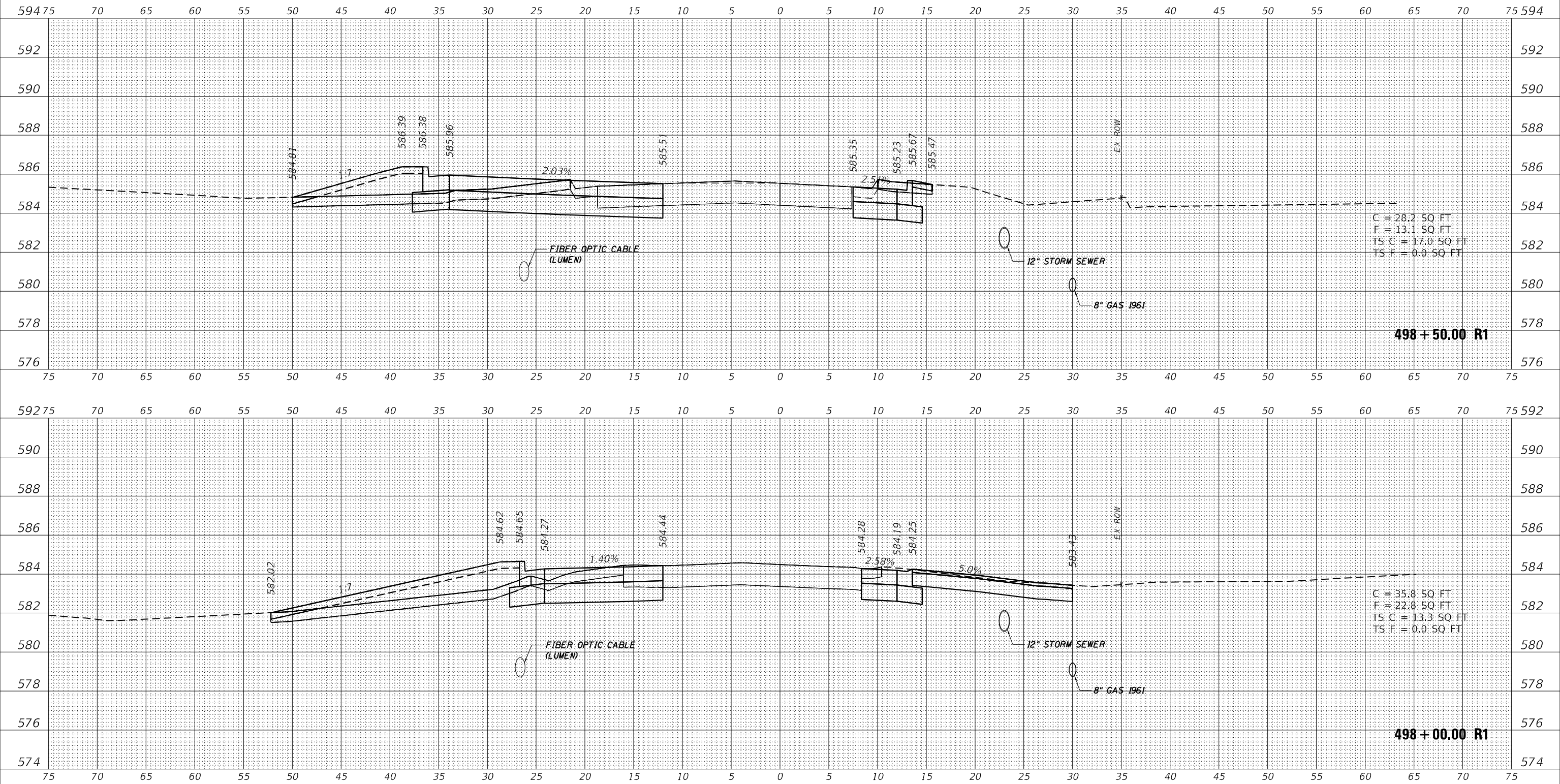
ILLINOIS FED. AID PROJECT

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

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

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USER NAME = Roadway	DESIGNED - JPA	REVISED -
PLOT SCALE = 10,000.0' / in.	DRAWN - JPA	REVISED -
PLOT DATE = 3/21/2022	CHECKED - EPS	REVISED -
	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS SOUTHEAST FRONTAGE ROAD	
SCALE: 1" = 5'	SHEET OF SHEETS STA. 498+00.00 R1 TO STA. 498+50.00 R1

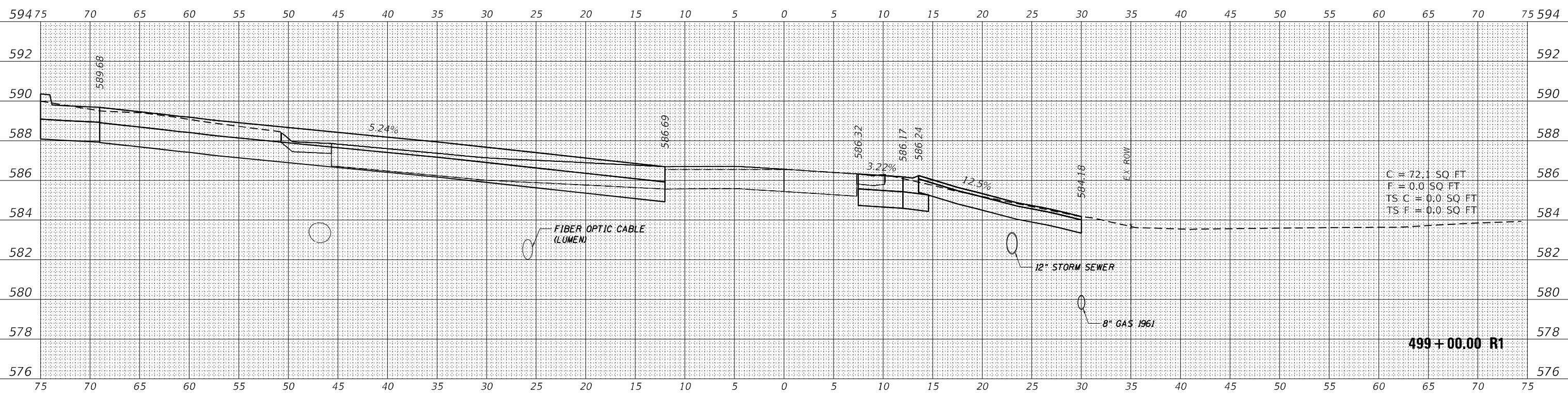
FAPP RTE. 607	SECTION 2018-075-B-R	COUNTY WILL	TOTAL SHEETS 280	SHEET NO. 271
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

FINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NO.	SURVEYED PLOTTED AREAS CHECKED	BY	DATE

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C = 72.1 SQ. FT.
 F = 0.0 SQ. FT.
 TS - C = 0.0 SQ. FT.
 TS - F = 0.0 SQ. FT.

499 + 00.00 R1



USER NAME = Roadway	DESIGNED - JPA	REVISED -
	DRAWN - JPA	REVISED -
PLOT SCALE = 10,0000' / in.	CHECKED - EPS	REVISED -
PLOT DATE = 3/21/2022	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 SOUTHEAST FRONTAGE ROAD**

SCALE: 1" = 5' SHEET OF SHEETS STA. 499+00.00 R1 TO STA. 499+00.00 R1

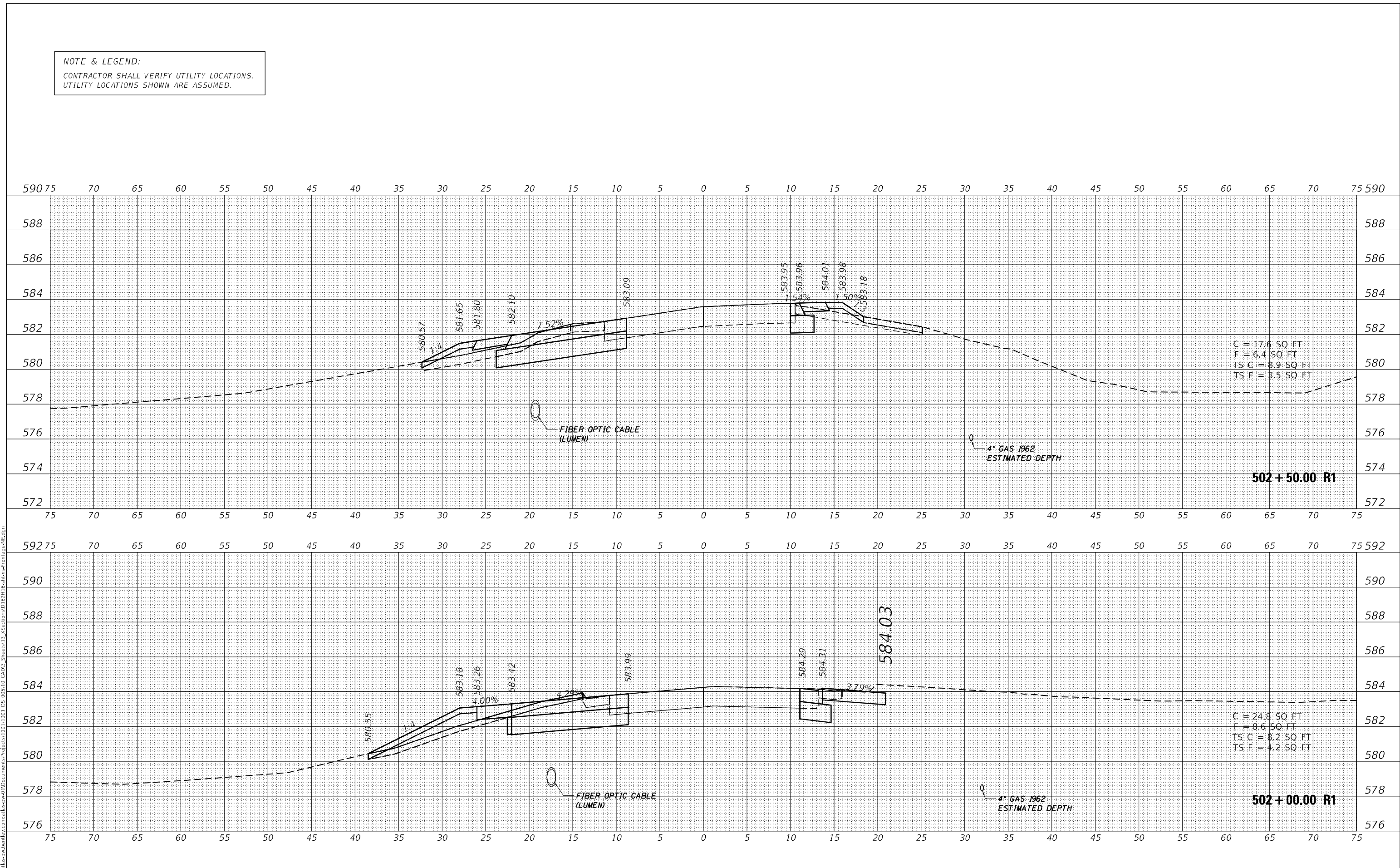
FAPP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	272
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

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

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C = 17.6 SQ. FT
 F = 6.4 SQ. FT
 TS C = 8.9 SQ. FT
 TS F = 3.5 SQ. FT

C = 24.8 SQ. FT
 F = 8.6 SQ. FT
 TS C = 8.2 SQ. FT
 TS F = 4.2 SQ. FT



USER NAME = Roadway	DESIGNED - JPA	REVISED -
PLOT SCALE = 10,000' / in.	DRAWN - JPA	REVISED -
PLOT DATE = 3/21/2022	CHECKED - EPS	REVISED -
	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 NORTHEAST FRONTAGE ROAD**

SCALE: 1" = 5'

SHEET OF SHEETS STA. 502+00.00 R1 TO STA. 502+50.00 R1

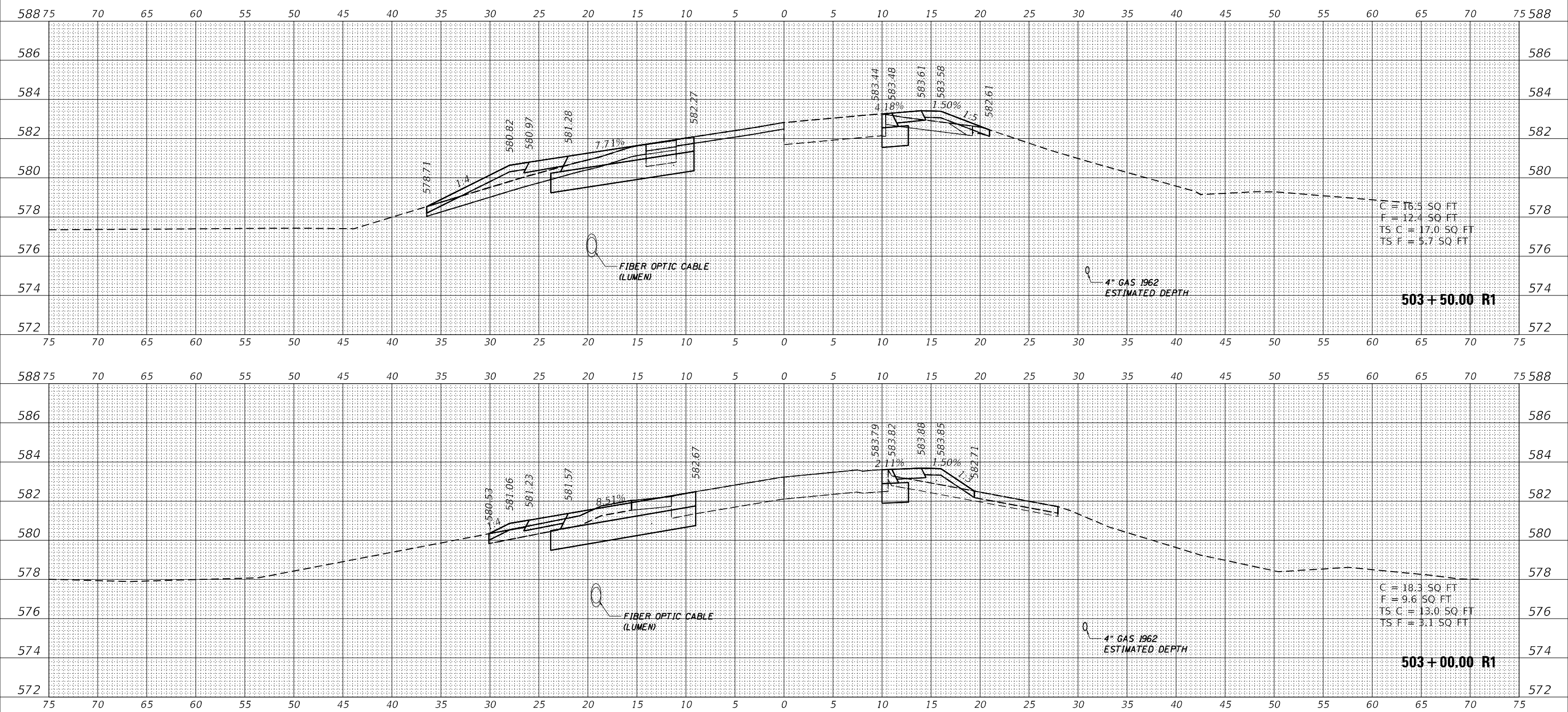
FAPP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	274
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

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

DATE PLOTTED = 3/21/2022 3:24:27 PM
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USER NAME = Roadway	DESIGNED - JPA	REVISED -
	DRAWN - JPA	REVISED -
PLOT SCALE = 10,000.0' / in.	CHECKED - EPS	REVISED -
PLOT DATE = 3/21/2022	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 NORTHEAST FRONTAGE ROAD**

SCALE: 1" = 5'
 SHEET OF SHEETS STA. 503+00.00 R1 TO STA. 503+50.00 R1

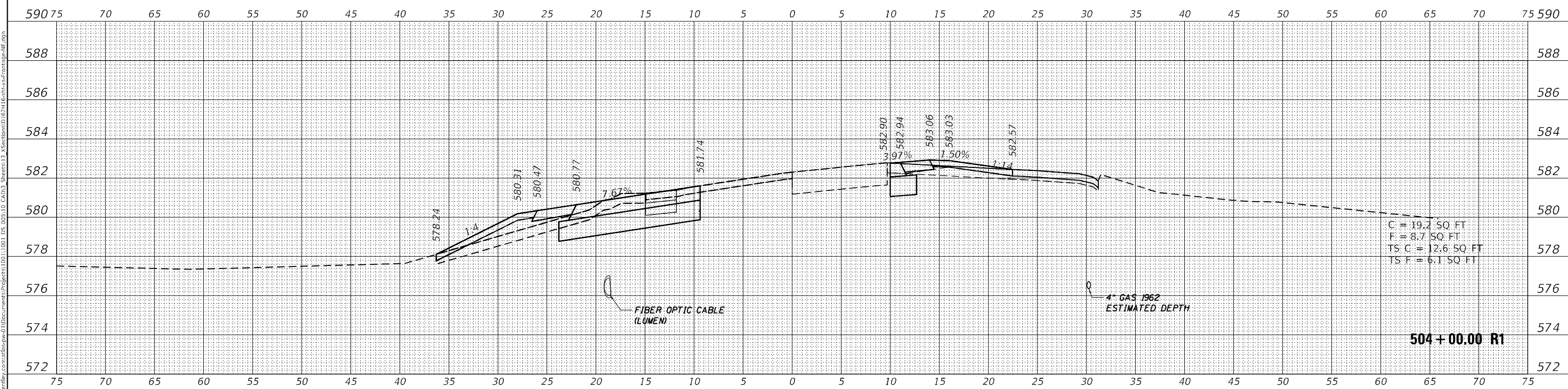
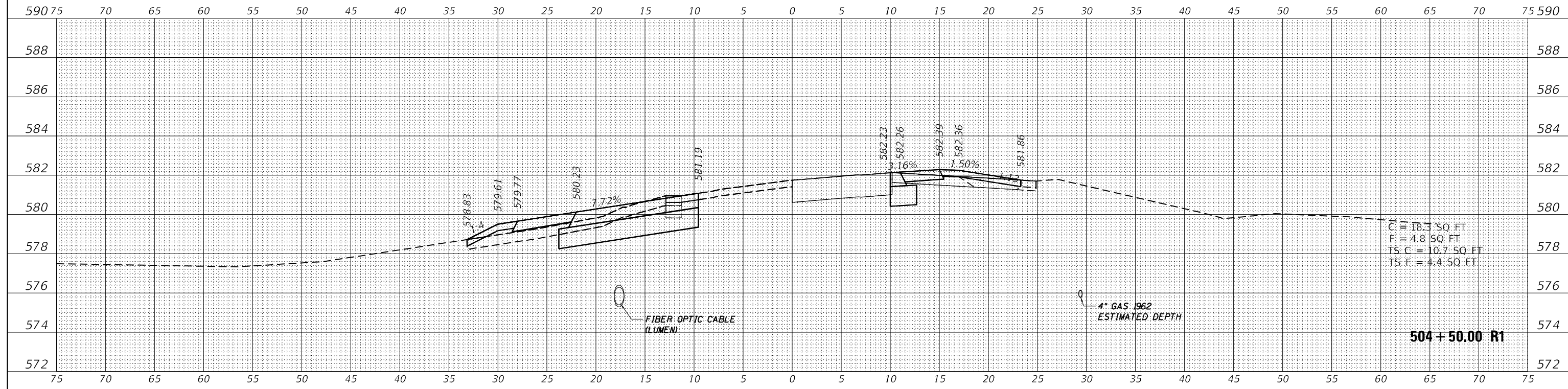
FAP RTE. 607	SECTION 2018-075-B-R	COUNTY WILL	TOTAL SHEETS 280	SHEET NO. 275
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

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

DATE PLOTTED = 3/21/2022 3:20:04 PM
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USER NAME = Roadway	DESIGNED - JPA	REVISED -
PLOT SCALE = 10,000.00' / in.	DRAWN - JPA	REVISED -
PLOT DATE = 3/21/2022	CHECKED - EPS	REVISED -
	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 NORTHEAST FRONTAGE ROAD**

SCALE: 1" = 5' SHEET OF SHEETS STA. 504+00.00 R1 TO STA. 504+50.00 R1

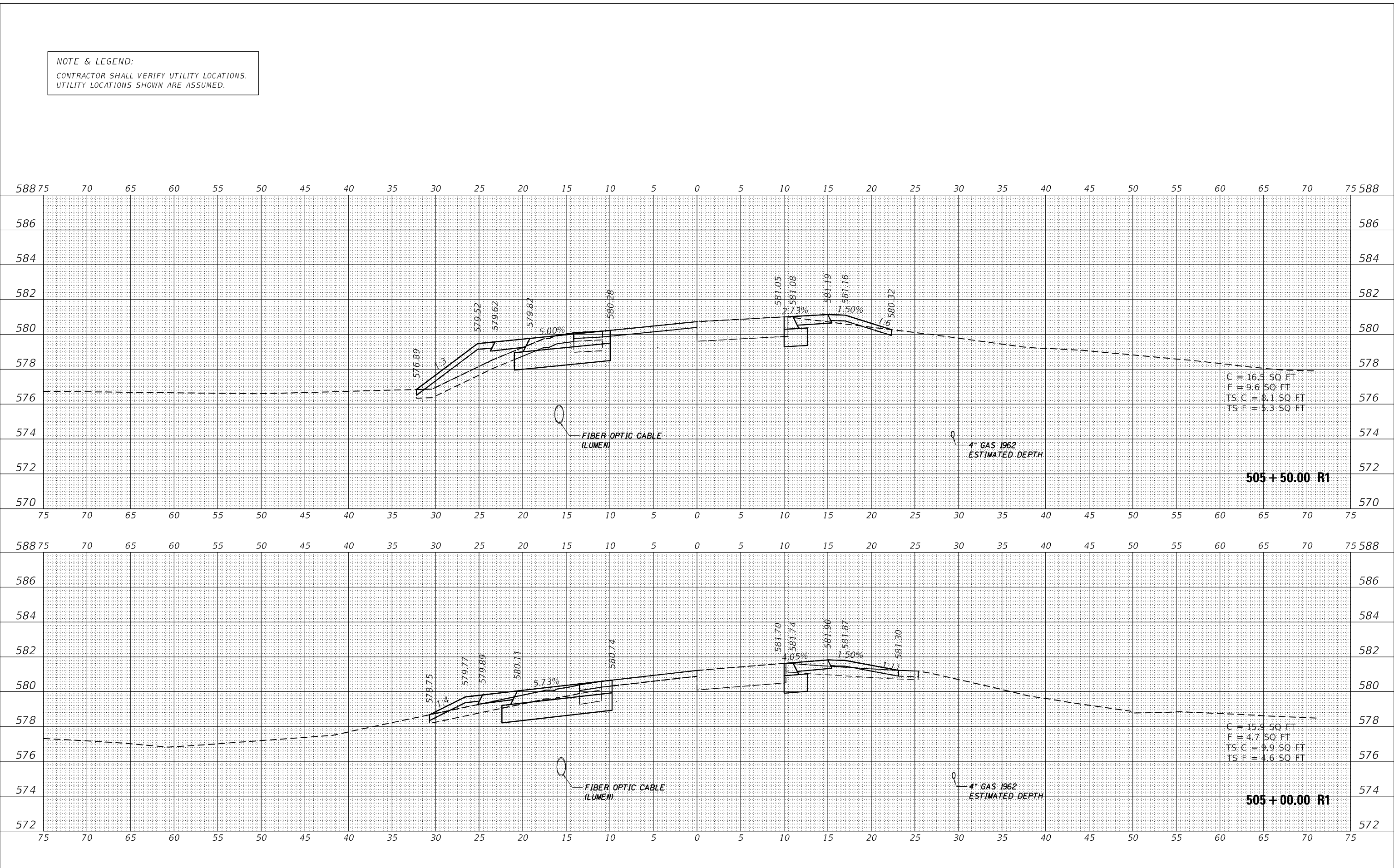
FAPP RTE. 607	SECTION 2018-075-B-R	COUNTY WILL	TOTAL SHEETS 280	SHEET NO. 276
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

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

DATE PLOTTED = 3/21/2022 3:20:17 PM
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USER NAME = Roadway	DESIGNED - JPA	REVISED -
PLOT SCALE = 10,000' / in.	DRAWN - JPA	REVISED -
PLOT DATE = 3/21/2022	CHECKED - EPS	REVISED -
	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

CROSS SECTIONS NORTHEAST FRONTAGE ROAD	
SCALE: 1" = 5'	SHEET OF SHEETS STA. 505+00.00 R1 TO STA. 505+50.00 R1

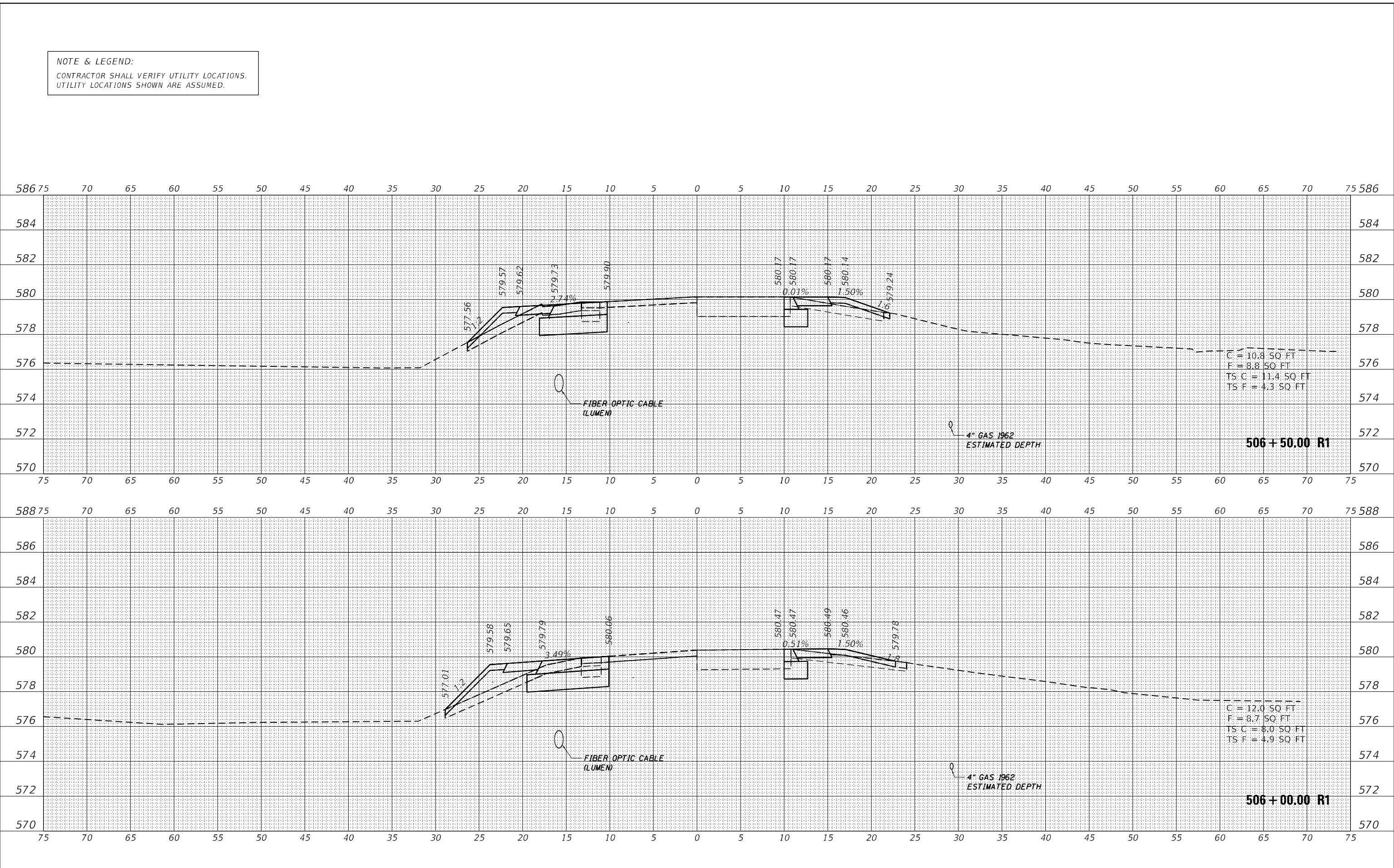
FAPP RTE. 607	SECTION 2018-075-B-R	COUNTY WILL	TOTAL SHEETS 280	SHEET NO. 277
CONTRACT NO. 62H16			ILLINOIS FED. AID PROJECT	

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

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

DATE PLOTTED = 3/21/2022 3:20:34 PM
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USER NAME = Roadway	DESIGNED - JPA	REVISED -
	DRAWN - JPA	REVISED -
PLOT SCALE = 10,000' / in.	CHECKED - EPS	REVISED -
PLOT DATE = 3/21/2022	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

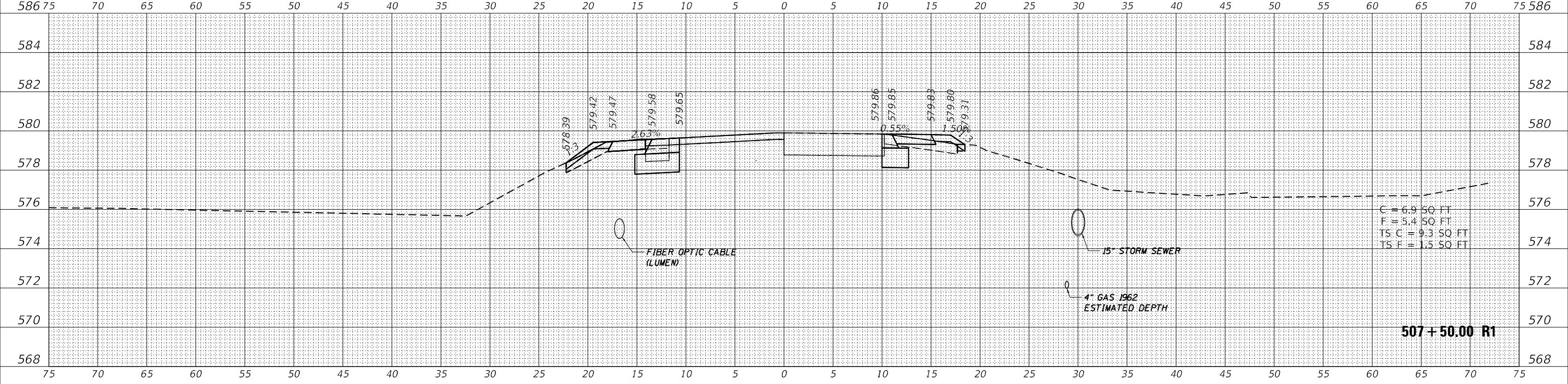
**CROSS SECTIONS
 NORTHEAST FRONTAGE ROAD**

SCALE: 1" = 5' SHEET OF SHEETS STA. 506+00.00 R1 TO STA. 506+50.00 R1

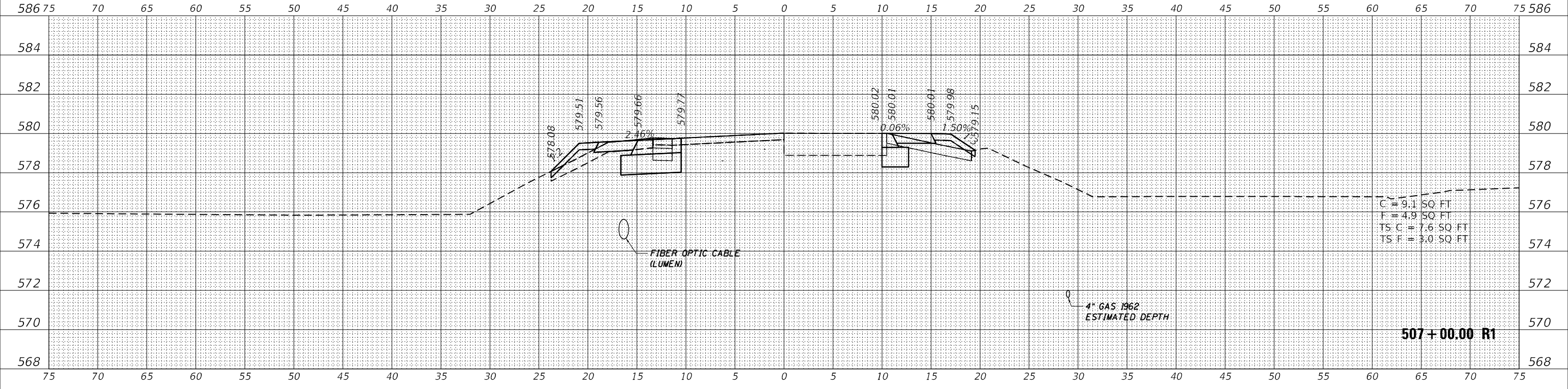
FAPP RTE. 607	SECTION 2018-075-B-R	COUNTY WILL	TOTAL SHEETS 280	SHEET NO. 278
CONTRACT NO. 62H16			ILLINOIS FED. AID PROJECT	

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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



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



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USER NAME =	Roadway	DESIGNED -	JPA	REVISED -	
		DRAWN -	JPA	REVISED -	
PLOT SCALE =	10,000.00' / in.	CHECKED -	EPS	REVISED -	
PLOT DATE =	3/21/2022	DATE -	8/25/2021	REVISED -	

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 NORTHEAST FRONTAGE ROAD**

SCALE: 1" = 5' SHEET OF SHEETS STA. 507+00.00 R1 TO STA. 507+50.00 R1

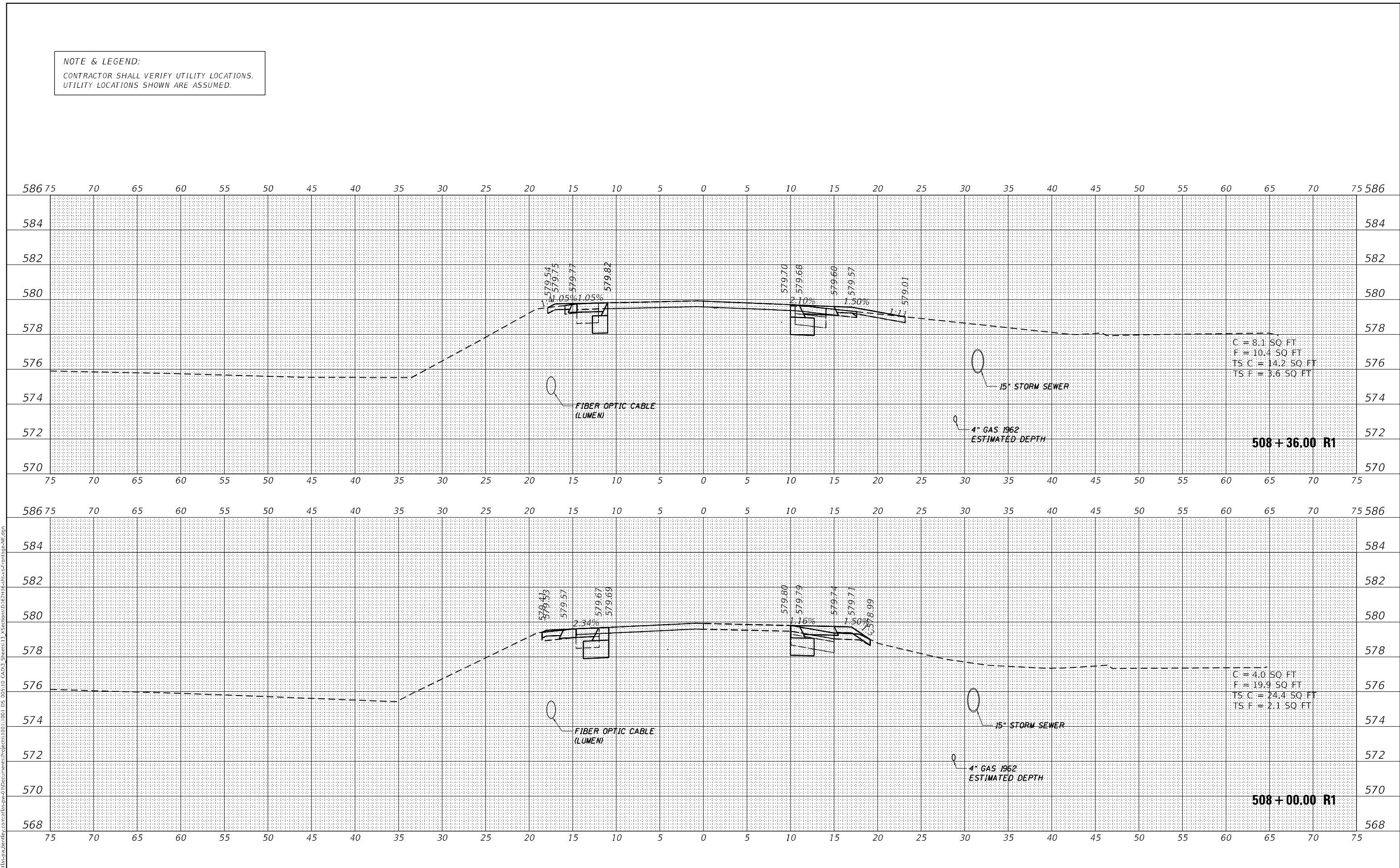
FAPP RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
607	2018-075-B-R	WILL	280	279
CONTRACT NO. 62H16				
ILLINOIS FED. AID PROJECT				

NOTE & LEGEND:
 CONTRACTOR SHALL VERIFY UTILITY LOCATIONS.
 UTILITY LOCATIONS SHOWN ARE ASSUMED.

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

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

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USER NAME = Roadway	DESIGNED - JPA	REVISED -
	DRAWN - JPA	REVISED -
PLOT SCALE = 10,000' / in.	CHECKED - EPS	REVISED -
PLOT DATE = 3/21/2022	DATE - 8/25/2021	REVISED -

**STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION**

**CROSS SECTIONS
 NORTHEAST FRONTAGE ROAD**

SCALE: 1" = 5' SHEET OF SHEETS STA. 508+00.00 R1 TO STA. 508+36.00 R1

FAPP RTE. 607	SECTION 2018-075-B-R	COUNTY WILL	TOTAL SHEETS 280	SHEET NO. 280
CONTRACT NO. 62H16			ILLINOIS FED. AID PROJECT	