

SPECIALTY ITEM	SP	CODE NO.	ITEM	UNIT	TOTAL	80% FED 20% STATE		100% CITY
						RDWY 0004	BRIDGE REPLACE 0010	RDWY 0004
△	*	Z0056800	SANITARY SEWER 6"	FOOT	15			15
△	*	Z0057000	SANITARY SEWER 10"	FOOT	336			336
△	*	Z0057100	SANITARY SEWER 12"	FOOT	69			69
△	*	Z0057200	SANITARY SEWER 15"	FOOT	65			65
△	*	Z0058000	SANITARY SEWER, SPECIAL	FOOT	303			303
	*	Z0062456	TEMPORARY PAVEMENT	SQ YD	296	296		
	*	Z0073500	TEMPORARY SUPPORT SYSTEM	L SUM	1		1	
△	*	Z0073510	TEMPORARY TRAFFIC SIGNAL TIMING	EACH	2	2		
	*	Z0075505	TIMBER RETAINING WALL REMOVAL	FOOT	50			50
#	*	Z0076600	TRAINEES	HOOR	1,500	1,500		
#	*	Z0076604	TRAINEES TRAINING PROGRAM GRADUATE	HOOR	1,500	1,500		
	*	Z0076870	UNDERDRAIN CONNECTION TO STRUCTURE	EACH	17	17		
△	*		DUCT BANK, CONCETE, TYPE A	FOOT	200			200
△	*		DUCT BANK, CONCETE, TYPE B	FOOT	305			305
△	*		DUCT BANK, CONCETE, TYPE C	FOOT	50			50



0042

△ DENOTES SPECIALTY ITEM
* INDICATES SPECIAL PROVISION

MODEL: 1409ELNAMES
FILE NAME: N:\PROJ\020794\01\Drawings\Hds_Sheets\020794_01_0001.dgn



USER NAME = Roadway	DESIGNED - TBH	REVISED - 10/27/22 TBH
	DRAWN - VZ	REVISED -
PLOT SCALE = 2,0000' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/8/2022	DATE - 8/8/2022	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

WASHINGTON STREET BRIDGE
SUMMARY OF QUANTITIES

SCALE: SHEET 23 OF 23 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	16-00167-00-BR	DUPAGE	261	27
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 61G82	

MAINTENANCE OF TRAFFIC - STAGE DESCRIPTION

PRE-STAGE

CONSTRUCTION:

THE CONTRACTOR SHALL INSTALL TEMPORARY TRAFFIC SIGNALS AT WASHINGTON/AURORA AND WASHINGTON/CHICAGO INTERSECTIONS AND TEMPORARY INTERCONNECT. INSTALL TEMPORARY LIGHTING. ~~INSTALL TEMPORARY SUPPORT BEAMS.~~



MAINTENANCE OF TRAFFIC:

ONE LANE OF TRAFFIC SHALL BE MAINTAINED ON EXISTING PAVEMENT IN EACH DIRECTION ON WASHINGTON STREET, AURORA AVENUE, AND CHICAGO AVENUE. LANE CLOSURES AND LANE SHIFTS SHALL FOLLOW IDOT STANDARD 701602 AND 701501.

STAGE 1

CONSTRUCTION:

THE CONTRACTOR SHALL REMOVE ALL PAVEMENT MARKINGS THAT CONFLICT WITH STAGE 1. ONLY PAVEMENT MARKING OUTSIDE OF THE PROPOSED STAGE 1 WORK ZONE WILL BE PAID FOR AS PAVEMENT MARKING REMOVAL - WATER BLASTING.

PLACE TEMPORARY PAVEMENT MARKINGS, TEMPORARY CONCRETE BARRIER WALL, AND IMPACT ATTENUATORS AT THE LOCATIONS SHOWN IN THE PLANS.

REMOVAL OF THE EXISTING APPURTENANCES AND TREE REMOVAL WITHIN THE WORK ZONE NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS.

CONSTRUCT TEMPORARY PAVEMENT AS SHOWN IN PLANS ALONG THE NB SIDEWALK ON WASHINGTON STREET AS SHOWN ON THE PLANS.

CONSTRUCT UTILITIES ON CHICAGO AVENUE AND COMPLETE PAVEMENT PATCHING OVER THE UTILITY TRENCHES.

WASHINGTON STREET:

CONSTRUCT NB LANE 1, NB LANE 2, CURB AND GUTTER, SIDEWALK, AND HALF OF WASHINGTON STREET BRIDGE OVER THE WEST BRANCH OF THE DUPAGE RIVER AS SHOWN ON THE PLANS. CONSTRUCT THE TWO COMMERCIAL DRIVEWAYS ALONG NB WASHINGTON STREET. CONSTRUCT THE PROPOSED WATER MAIN EAST AND WEST OF THE WASHINGTON STREET CENTERLINE. CONSTRUCT THE PROPOSED STORM SEWER AND UNDERGROUND ELECTRIC RELOCATION EAST OF THE WASHINGTON STREET CENTERLINE. CONSTRUCT THE PROPOSED SANITARY SEWER AND UNDERGROUND ELECTRIC WITHIN THE RIVER LIMITS AND WEST OF THE CROSSING ALONG THE RIVER.

MAINTENANCE OF TRAFFIC:

ONE LANE OF TRAFFIC SHALL BE MAINTAINED ON EXISTING PAVEMENT IN EACH DIRECTION ON WASHINGTON STREET AND CHICAGO AVENUE. LEFT-TURN LANES SHALL BE MAINTAINED AT LOCATIONS SHOWN ON THE PLANS. LANE CLOSURES AND LANE SHIFTS ON WASHINGTON STREET SHALL FOLLOW IDOT STANDARD 701602 AND ON CHICAGO AVENUE SHALL FOLLOW IDOT STANDARD 701501.

WINTER SHUTDOWN

CONSTRUCTION:

THE CONTRACTOR SHALL REMOVE ALL PAVEMENT MARKINGS THAT CONFLICT WITH THE WINTER SHUTDOWN AND WILL BE PAID FOR AS PAVEMENT MARKING REMOVAL - WATER BLASTING.

PLACE TEMPORARY PAVEMENT MARKINGS, TEMPORARY CONCRETE BARRIER WALL, AND IMPACT ATTENUATORS AT THE LOCATIONS SHOWN IN THE PLANS.

AT&T WILL UTILIZE THE WINTER SHUTDOWN TO COMPLETE CUTOVERS BEFORE BRIDGE DEMOLITION.

MAINTENANCE OF TRAFFIC:

TWO LANES OF TRAFFIC SHALL BE MAINTAINED IN EACH DIRECTION ON WASHINGTON STREET. ONE LANE OF TRAFFIC SHALL BE MAINTAINED AT AURORA AVENUE AND CHICAGO AVENUE. LANE CLOSURES AND LANE SHIFTS SHALL FOLLOW IDOT STANDARD 701501 AND 701602.

STAGE 2A

CONSTRUCTION:

THE CONTRACTOR SHALL REMOVE ALL PAVEMENT MARKINGS THAT CONFLICT WITH STAGE 2. ONLY PAVEMENT MARKING OUTSIDE OF THE PROPOSED STAGE 2 WORK ZONE WILL BE PAID FOR AS TEMPORARY PAVEMENT MARKING REMOVAL.

PLACE TEMPORARY PAVEMENT MARKINGS, TEMPORARY CONCRETE BARRIER WALL, AND IMPACT ATTENUATORS AT THE LOCATIONS SHOWN IN THE PLANS.

REMOVAL OF THE EXISTING APPURTENANCES AND TREE REMOVAL WITHIN THE WORK ZONE NECESSARY TO CONSTRUCT THE PROPOSED IMPROVEMENTS.

WASHINGTON STREET:

CONSTRUCT SB LANE 1, HALF OF SB LANE 2, CURB AND GUTTER, SIDEWALK, AND HALF OF WASHINGTON STREET BRIDGE OVER THE WEST BRANCH OF THE DUPAGE RIVER AS SHOWN ON THE PLANS. CONSTRUCT THE RIGHT-TURN LANE TO AURORA AVENUE AND THE TWO COMMERCIAL DRIVEWAYS ALONG SB WASHINGTON STREET. CONSTRUCT THE PROPOSED SANITARY SEWER, STORM SEWER AND UNDERGROUND ELECTRIC RELOCATION WEST OF THE WASHINGTON STREET CENTERLINE.

AURORA AVENUE:

CONSTRUCT THE RIGHT-TURN LANE TO WASHINGTON STREET, CURB AND GUTTER, AND SIDEWALK AS SHOWN ON PLANS. CONSTRUCT THE COMMERCIAL DRIVEWAY ALONG EB AURORA AVENUE. CONSTRUCT THE SOUTHWEST CORNER OF THE WASHINGTON STREET INTERSECTION.

MAINTENANCE OF TRAFFIC:

ONE LANE OF TRAFFIC SHALL BE MAINTAINED IN EACH DIRECTION ON WASHINGTON STREET AND AURORA AVENUE. LEFT-TURN LANES SHALL BE MAINTAINED AT LOCATIONS SHOWN ON THE PLANS. LANE CLOSURES AND LANE SHIFTS ON BOTH WASHINGTON STREET AND AURORA AVENUE SHALL FOLLOW IDOT STANDARD 701501 AND 701602. PEDESTRIAN TRAFFIC WILL BE DETOURED PER THE DETOUR PLAN.

STAGE 2B

AURORA AVENUE:

CONSTRUCT TEMPORARY PAVEMENT RAMPS USING THE BINDER COURSE AT THE CENTER OF AURORA AVENUE TO CONNECT NEW PAVEMENT TO EXISTING PAVEMENT AS SHOWN ON THE PLANS.

CONSTRUCT WB LANE 1, CURB AND GUTTER, AND SIDEWALK AS SHOWN ON PLANS. CONSTRUCT THE NORTHWEST CORNER OF THE WASHINGTON STREET AND AURORA AVENUE INTERSECTION. CONSTRUCT THE PROPOSED STORM SEWER AS SHOWN ON PLANS.

MAINTENANCE OF TRAFFIC:

ONE LANE OF TRAFFIC SHALL BE MAINTAINED IN EACH DIRECTION ON WASHINGTON STREET AND AURORA AVENUE. LANE CLOSURES AND LANE SHIFTS ON AURORA AVENUE SHALL FOLLOW IDOT STANDARD 701501 AND 701602.

STAGE 2C

AURORA AVENUE:

CONSTRUCT REMAINING PAVEMENT AT WASHINGTON STREET AND AURORA AVENUE AS SHOWN ON PLANS. PIN TEMPORARY CONCRETE BARRIER ADJACENT TO REMAINING PAVEMENT TO BE CONSTRUCTED ON AURORA AVENUE.

MAINTENANCE OF TRAFFIC:

ONE LANE OF TRAFFIC SHALL BE MAINTAINED IN EACH DIRECTION ON WASHINGTON STREET AND AURORA AVENUE. LANE CLOSURES AND LANE SHIFTS ON AURORA AVENUE SHALL FOLLOW IDOT STANDARD 701501 AND 701602.

STAGE 3A

CONSTRUCTION:

THE CONTRACTOR SHALL REMOVE ALL PAVEMENT MARKINGS THAT CONFLICT WITH STAGE 3. ONLY PAVEMENT MARKING OUTSIDE OF THE PROPOSED STAGE 3 WORK ZONE WILL BE PAID FOR AS PAVEMENT MARKING REMOVAL.

PLACE TEMPORARY PAVEMENT MARKINGS, TEMPORARY CONCRETE BARRIER WALL, AND IMPACT ATTENUATORS AT THE LOCATIONS SHOWN IN THE PLANS.

WASHINGTON STREET:

CONSTRUCT HALF OF SB LANE 2 AND CENTER TURN LANE AS SHOWN ON THE PLANS.

MAINTENANCE OF TRAFFIC:

ONE LANE OF TRAFFIC SHALL BE MAINTAINED IN EACH DIRECTION ON WASHINGTON STREET. LANE CLOSURES AND LANE SHIFTS ON WASHINGTON STREET SHALL FOLLOW IDOT STANDARD 701602. WHILE CONTRACTOR IS WORKING, THE NORTHBOUND LEFT TURN LANE AT CHICAGO AVENUE SHALL BE CLOSED.

STAGE 3B

CONSTRUCTION AND STAGING CONFIGURATION SHALL BE THE SAME AS STAGE 3A AND THE FOLLOWING:

WASHINGTON STREET:

FINISH CONSTRUCTION OF SB LANE 2 AND CENTER TURN LANE AT AURORA AVENUE AS SHOWN ON PLANS.

MAINTENANCE OF TRAFFIC:

ONE LANE OF TRAFFIC SHALL BE MAINTAINED IN EACH DIRECTION ON WASHINGTON STREET. LANE CLOSURES AND LANE SHIFTS ON WASHINGTON STREET SHALL FOLLOW IDOT STANDARD 701602.

STAGE 4

CONSTRUCTION:

THE CONTRACTOR SHALL REMOVE ALL PAVEMENT MARKINGS THAT CONFLICT WITH STAGE 3. ONLY PAVEMENT MARKING OUTSIDE OF THE PROPOSED STAGE 4 WORK ZONE WILL BE PAID FOR AS PAVEMENT MARKING REMOVAL.

PLACE TEMPORARY PAVEMENT MARKINGS, TEMPORARY CONCRETE BARRIER WALL, AND IMPACT ATTENUATORS AT THE LOCATIONS SHOWN IN THE PLANS.

CONSTRUCTION AND STAGING CONFIGURATION SHALL BE THE SAME AS STAGE 3 AND THE FOLLOWING:

WASHINGTON STREET:

REMOVE TEMPORARY PAVEMENT AND CONSTRUCT NB SIDEWALK, RAILING AND PARAPET ON THE WASHINGTON STREET BRIDGE. CONSTRUCT SIDEWALK AND CURB AND GUTTER ADJACENT TO THE BRIDGE AS SHOWN ON PLANS.

MAINTENANCE OF TRAFFIC:

ONE LANE OF TRAFFIC SHALL BE MAINTAINED IN THE NB DIRECTION ON WASHINGTON STREET. LANE CLOSURES AND LANE SHIFTS ON WASHINGTON STREET SHALL FOLLOW IDOT STANDARD 701602.

STAGE 5

CONSTRUCTION:

CONSTRUCT HMA SURFACE COURSE AND PLACE PERMANENT PAVEMENT MARKINGS.

REMOVE ALL TEMPORARY CONCRETE BARRIER WALL AND IMPACT ATTENUATORS AT THE LOCATIONS SHOWN IN THE PLANS FROM STAGE CONSTRUCTION.

MAINTENANCE OF TRAFFIC:

DURING CONSTRUCTION OF THE HMA SURFACE COURSE ON WASHINGTON STREET AND AURORA AVENUE, THE CONTRACTOR SHALL MAINTAIN TWO-WAY TRAFFIC AT ALL TIMES, WHILE ACTIVELY WORKING, BY USING FLAGGERS. WHEN NOT ACTIVELY WORKING, THE CONTRACTOR SHALL PROVIDE TWO PAVED AND TEMPORARILY STRIPPED LANES ON WASHINGTON STREET AND ONE LANE ON AURORA AVENUE. A MINIMUM OF TEN (10) FOOT WIDTH IN EACH DIRECTION. RESURFACING OPERATIONS SHALL BE PERFORMED FOLLOWING IDOT STANDARD'S TC-10, 701501-06, 701602-10, 701611-01 AND 701701-10.

MODEL: 1408261.MXD
FILE NAME: I:\PROJECTS\10020794\1010\Drawings\10020794.dwg
PLOT DATE: 8/8/2022



USER NAME = Roadway	DESIGNED - TBH	REVISED - 10/27/22 TBH
	DRAWN - VZ	REVISED -
PLOT SCALE = 40,0000 ' / in.	CHECKED - DD	REVISED -
PLOT DATE = 8/8/2022	DATE - 8/8/2022	REVISED -

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**WASHINGTON STREET BRIDGE
MAINTENANCE OF TRAFFIC - STAGE DESCRIPTION**

SCALE: 1" = 20' SHEET 1 OF 1 SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	16-00167-00-BR	DUPAGE	261	41
CONTRACT NO. 61G82				
ILLINOIS		FED. AID PROJECT		

GENERAL NOTES

- Expansion joint embeds and attached bars shall be shop painted with the inorganic zinc rich primer.
- Reinforcement bars designated (E) shall be epoxy coated.
- Concrete Sealer shall be applied to the seat area of the abutments and pier.
- All Construction Joints shall be bonded.
- Bearing seat surfaces shall be constructed or adjusted to the designated elevations within a tolerance of 1/8". Adjustment shall be made either by grinding the surface or by shimming the bearings.
- The CONTRACTOR shall obtain a construction permit from the Illinois Department of Natural Resources (IDNR), Office of Water Resources for any temporary construction activity placed in the water except cofferdams. This shall include the placement of material for run-arounds, causeways, etc. Any permit application by the CONTRACTOR shall refer to the IDNR 3704 Floodway Construction permit number allowing permanent construction as shown in the contract plans.
- Seal coat thickness design is based on the Estimated Water Surface Elevation (EWSE). Cofferddam design details and proposed changes in seal coat thickness shall be submitted to the Engineer for approval with the cofferdam design.
- The CONTRACTOR shall make allowance for the deflection of forms, shrinkage and settlement of falsework, in addition to allowance for dead load deflection. Forms for the deck slab shall be removed prior to placement of bridge approach slab.
- The CONTRACTOR shall coordinate structural work with civil, electrical, utilities, and architectural work.
- The embankment configuration shown shall be the minimum that must be placed and compacted prior to construction of the abutments.
- Excavation behind existing abutment walls shall be performed to balance front and back soil pressure before removing the existing superstructure. The CONTRACTOR shall sawcut the upper portion of the existing abutment at the stage removal line before Stage I removal to ensure the remaining portion will not be prematurely damaged.
- Backfill shall be placed behind the abutment after the superstructure has been poured and falsework removed. See Article 502.10 of the Standard Specifications.

INDEX OF SHEETS

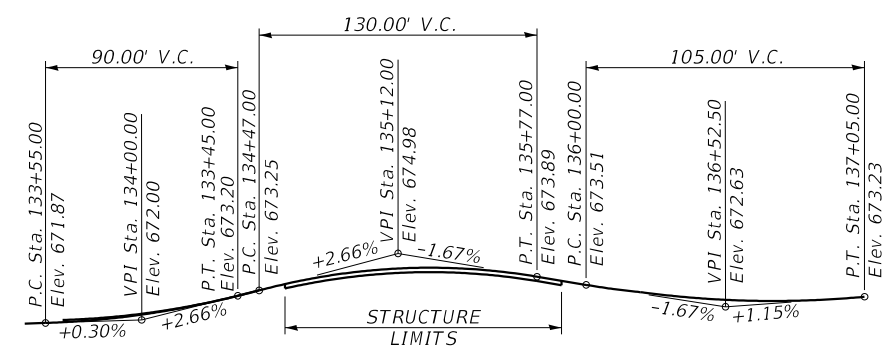
- S-1 General Plan and Elevation
- S-2 General Data
- S-3 Footing Layout
- S-4 Existing Structure Removal Details I
- S-5 Existing Structure Removal Details II
- S-6 Bridge Construction Staging
- S-6A Existing Box Beam Temporary Support I
- S-6B Existing Box Beam Temporary Support II
- S-6C Existing Box Beam Temporary Support III
- S-7 Suggested Sequence of Work
- S-8 Temporary Soil Retention System
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- S-10 Top of Slab Elevations I
- S-11 Top of Slab Elevations II
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- S-14 Slab Geometry and Post-Tensioning
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- S-40 Northwest Retaining Wall "B" Details I
- S-41 Northwest Retaining Wall "B" Details II
- S-42 Southwest Retaining Wall "C" Details
- S-43 Monument Type C Details
- S-44 Pier Details I
- S-45 Pier Details II
- S-46 Bar Splicer Assembly Details
- S-47 Boring Logs I
- S-48 Boring Logs II

13. Current Rating Factors on File for Existing Structure

Live Load Restrictions: 8 Tons

Live Load Restrictions are provided for information only. Live Load Restrictions are based on Illinois legal loads and configurations. Live Load Restrictions are not necessarily representative of capacities to support the CONTRACTOR's equipment.

14. The CONTRACTOR is advised that the existing structure contains members that are in a deteriorated condition with reduced load carrying capacity. It is the CONTRACTOR's responsibility to account for the condition of the existing structure when developing construction procedures for the complete or partial removal, or replacement of the structure. An Existing Structure Information Package is available upon request as noted in the special provisions.



PROPOSED PROFILE GRADE
(Along Washington St.)

STATION 135+29.57
BUILT 202_ BY
CITY OF NAPERVILLE
F.A.U. RTE. 2552 SEC. 16-00167-00BR
LOADING HL-93
STRUCTURE NO. 022-6749

For Mounting See Sheet S-25

NAME PLATE
See Std. 515001

Existing Name Plate to be cleaned and relocated next to the new Name Plate. Cost included with Name Plates.

TOTAL BILL OF MATERIAL

ITEM	UNIT	SP	SUB	SUPER	TOTAL
PROTECTIVE COAT	SQ YD			1,583	1,583
REMOVAL OF EXISTING STRUCTURES NO. 1	EACH		0.5	0.5	1
REMOVAL OF EXISTING STRUCTURES NO. 2	EACH		1.0		1
REMOVAL OF EXISTING STRUCTURES NO. 3	EACH		1.0		1
REMOVAL OF EXISTING STRUCTURES NO. 4	EACH		1.0		1
STRUCTURE EXCAVATION	CU YD		261.0		261.0
ROCK EXCAVATION FOR STRUCTURES	CU YD		298		298
CONCRETE STRUCTURES	CU YD		450.8		450.8
CONCRETE SUPERSTRUCTURE	CU YD		1.3	86.1	87.4
BRIDGE DECK GROOVING	SQ YD			1,083	1,083
SEAL COAT CONCRETE	CU YD		88		88
CONCRETE SUPERSTRUCTURE (APPROACH SLAB)	CU YD			159.8	159.8
REINFORCEMENT BARS	POUND		18,760		18,760
REINFORCEMENT BARS, EPOXY COATED	POUND		67,120	156,300	223,420
BAR SPLICERS	EACH		328	518	846
MECHANICAL SPLICERS	EACH			56	56
NAME PLATES	EACH			1	1
DRILLED SHAFT IN SOIL	CU YD		12.4		12.4
DRILLED SHAFT IN ROCK	CU YD		60		60
PREFORMED JOINT STRIP SEAL	FOOT			170	170
ELASTOMERIC BEARING ASSEMBLY, TYPE I	EACH			18	18
ANCHOR BOLTS, 1"	EACH			72	72
TEMPORARY SOIL RETENTION SYSTEM	SQ FT		1,589		1,589
GRANULAR BACKFILL FOR STRUCTURES	CU YD		339		339
CONCRETE SEALER	SQ FT		685		685
GEOCOMPOSITE WALL DRAIN	SQ YD		267		267
NON-SPECIAL WASTE DISPOSAL	CU YD	Y	57		57
BRIDGE DECK LATEX CONCRETE OVERLAY, 2 1/4 INCHES	SQ YD	Y		822	822
BRIDGE DECK SCARIFICATION 2 1/4"	SQ YD	Y		61	61
PIPE UNDERDRAINS FOR STRUCTURES 4"	FOOT	0	257		257
PLANTER	EACH	Y		4	4
CROSSHOLE SONIC LOGGING ACCESS DUCTS	FOOT	Y	991		991
CROSSHOLE SONIC LOGGING TESTING	EACH	Y	9		9
DECORATIVE RAILING (DECK MOUNTED)	FOOT	Y		120	120
DECORATIVE RAILING (PARAPET MOUNTED)	FOOT	Y		58	58
TEMPORARY SOIL RETENTION SYSTEM (SPECIAL)	SQ FT	Y	384		384
ANTI-GRAFFITI COATING	SQ FT	Y	3,058		3,058
COFFERDAM (TYPE 1) (IN-STREAM/WETLAND WORK)	EACH	Y	4		4
FORM LINER TEXTURED SURFACE, SPECIAL	SQ FT	Y	3,280	910	4,190
PARAPET RAILING, SPECIAL	FOOT	Y		274	274
HIGH LOAD MULTI-ROTATIONAL BEARINGS, FIXED - 400K	EACH	Y		9	9
MODULAR CONCRETE PAVERS (SPECIAL)	SQ FT	Y		898	898
FURNISHING, INSTALLING AND STRESSING POST-TENSIONING STRANDS	POUND	Y		40,910	40,910
MONUMENT TYPE A	EACH	Y		12	12
MONUMENT TYPE B	EACH	Y		2	2
MONUMENT TYPE C	EACH	Y		2	2
LOW FLOW WALK	FOOT	Y	114		114
HIGH PERFORMANCE CONCRETE SUPERSTRUCTURE	CU YD	Y		770.5	770.5
TEMPORARY SUPPORT SYSTEM	L SUM	Y		1	1

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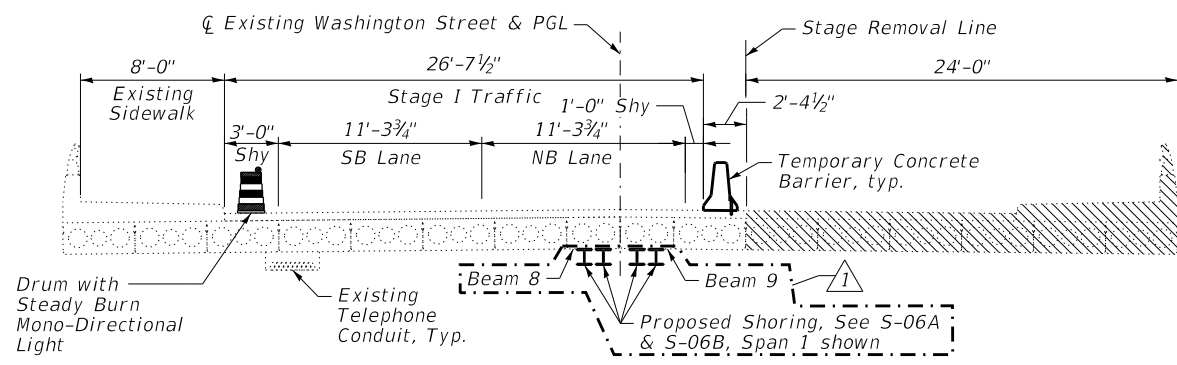
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

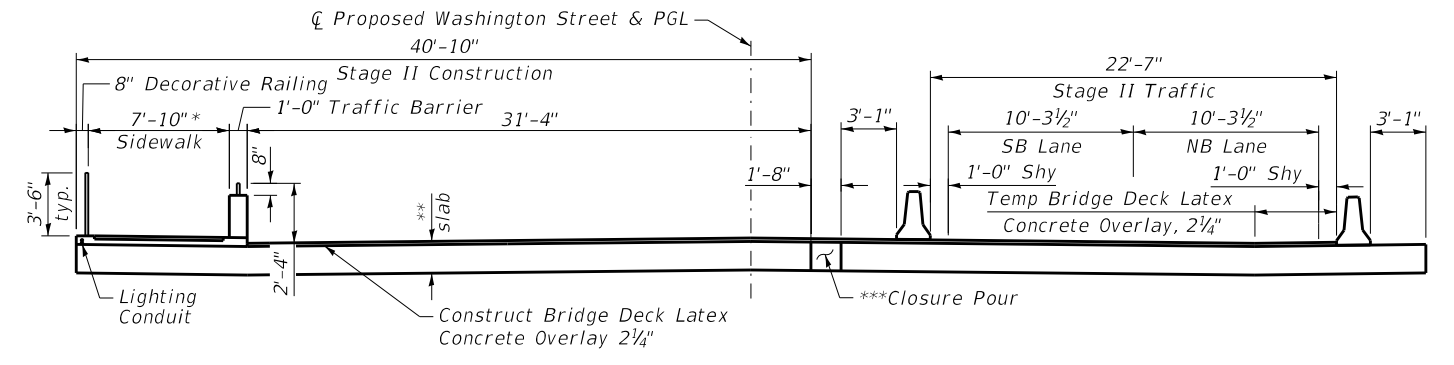
GENERAL DATA
STRUCTURE NO. 022-6749

SHEET S-2 OF S-48 SHEETS

F.A.U. RTE. 2552	SECTION 16-00167-00-BR	COUNTY DUPAGE	TOTAL SHEETS 261	SHEET NO. 186
CONTRACT NO.			61G82	
ILLINOIS		FED. AID PROJECT		

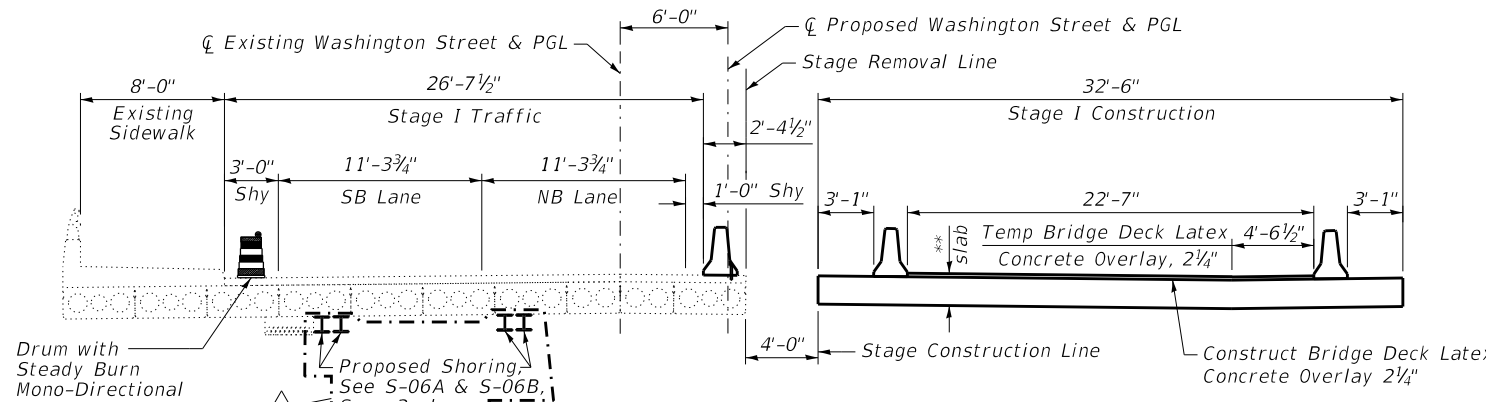


STAGE I REMOVAL
(Looking North)

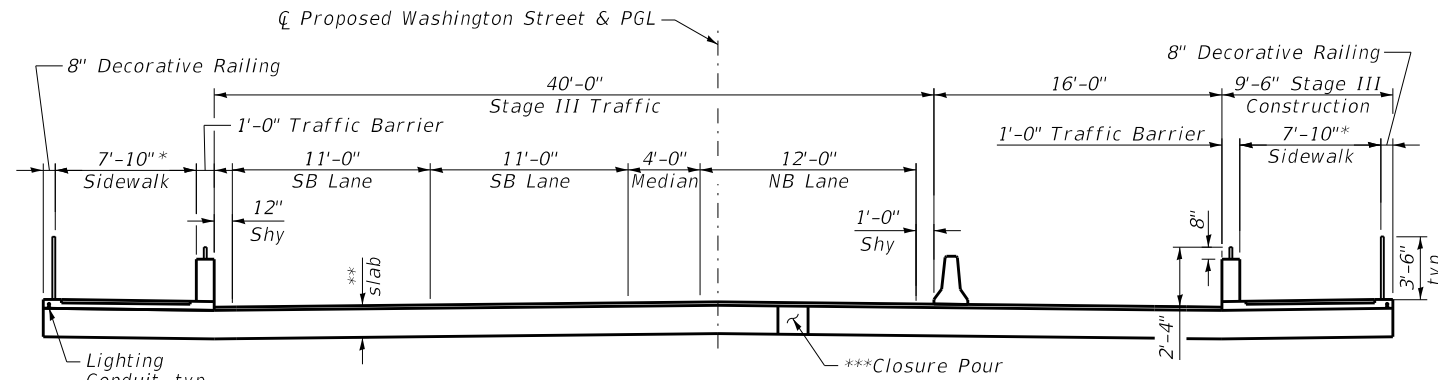


STAGE II CONSTRUCTION
(Looking North)

***Closure Pour to take place after Stage II slab is poured

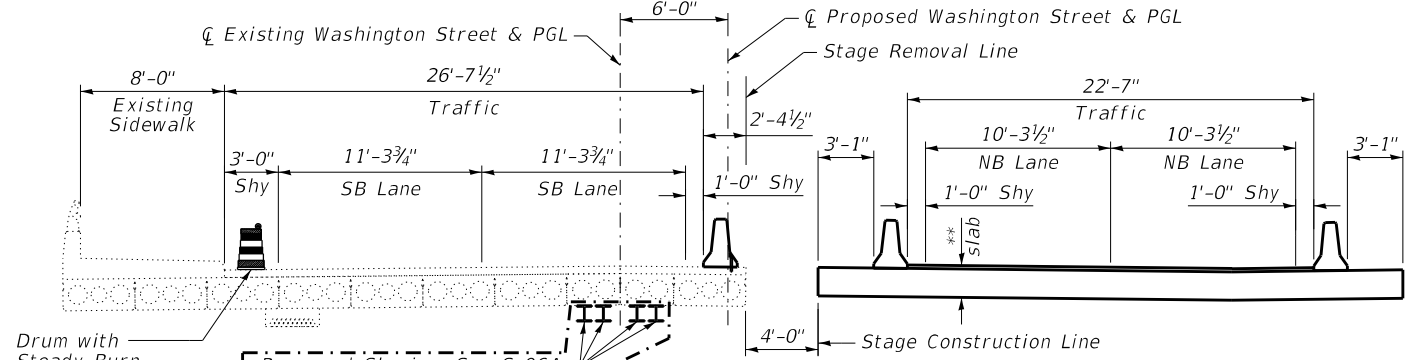


STAGE I CONSTRUCTION
(Looking North)

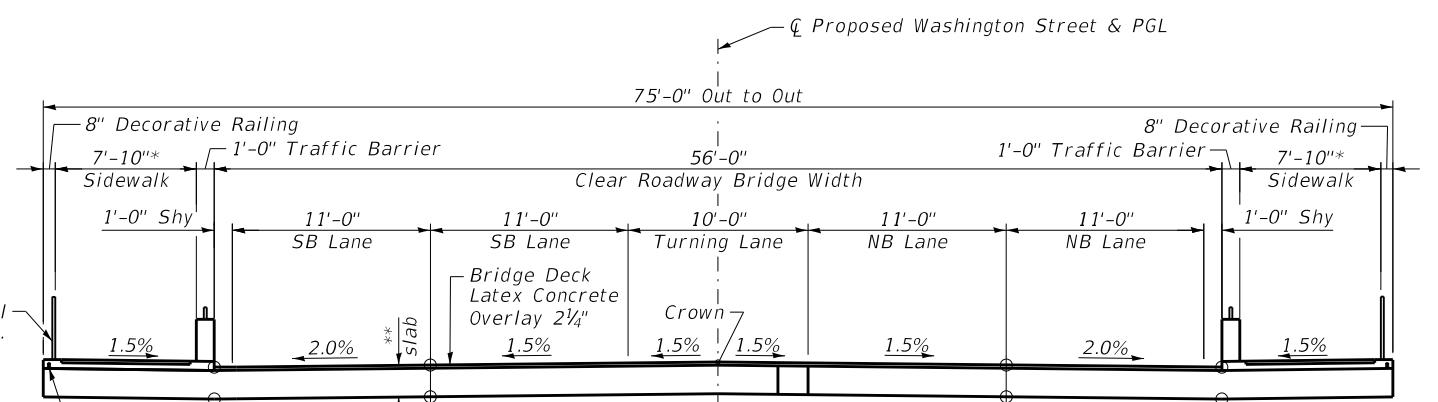


STAGE IV CONSTRUCTION
(Looking North)

***Closure Pour to take place after Stage II slab is poured



WINTER SHUTDOWN
(Looking North)



PROPOSED CROSS SECTION
(Looking North)

NOTES:

1. For Temporary Concrete Barrier and Drum, see Roadway Plans.
2. For overall construction staging, see Roadway plans.
3. Dimensions shown are to edge of bridge deck and do not include overlook.
4. Bridge Deck Latex Concrete Overlay 2 1/4" seam shall not occur within 1'-0" of staged construction joint.
5. Temporary Bridge Deck Latex Concrete Overlay, 2 1/4" shall be removed prior to Stage IV construction and shall not affect maintenance of traffic. Temporary Bridge Deck Latex Concrete Overlay, 2 1/4" removal paid for as Bridge Deck Scarification, 2 1/4".
6. Removal of Temporary Support System included in cost of Temporary Support System. See Special Provision.

*Sidewalk width increases to 11'-0" at overlook.

**Slab thickness varies from 1'-10" at Abutments to 3'-0" at Pier.

FILE NAME: N:\PROJ\1020794-01\Design\Structural\CAD\020794-01_06-Bridge_Construction_Staging_Add1.dgn



USER NAME =	Structural	DESIGNED -	MLK	REVISED	11/03/22 LM
CHECKED -	BWS	CHECKED -	BWS	REVISED -	
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PLOT DATE =	8/8/2022	CHECKED -	BWS	REVISED -	

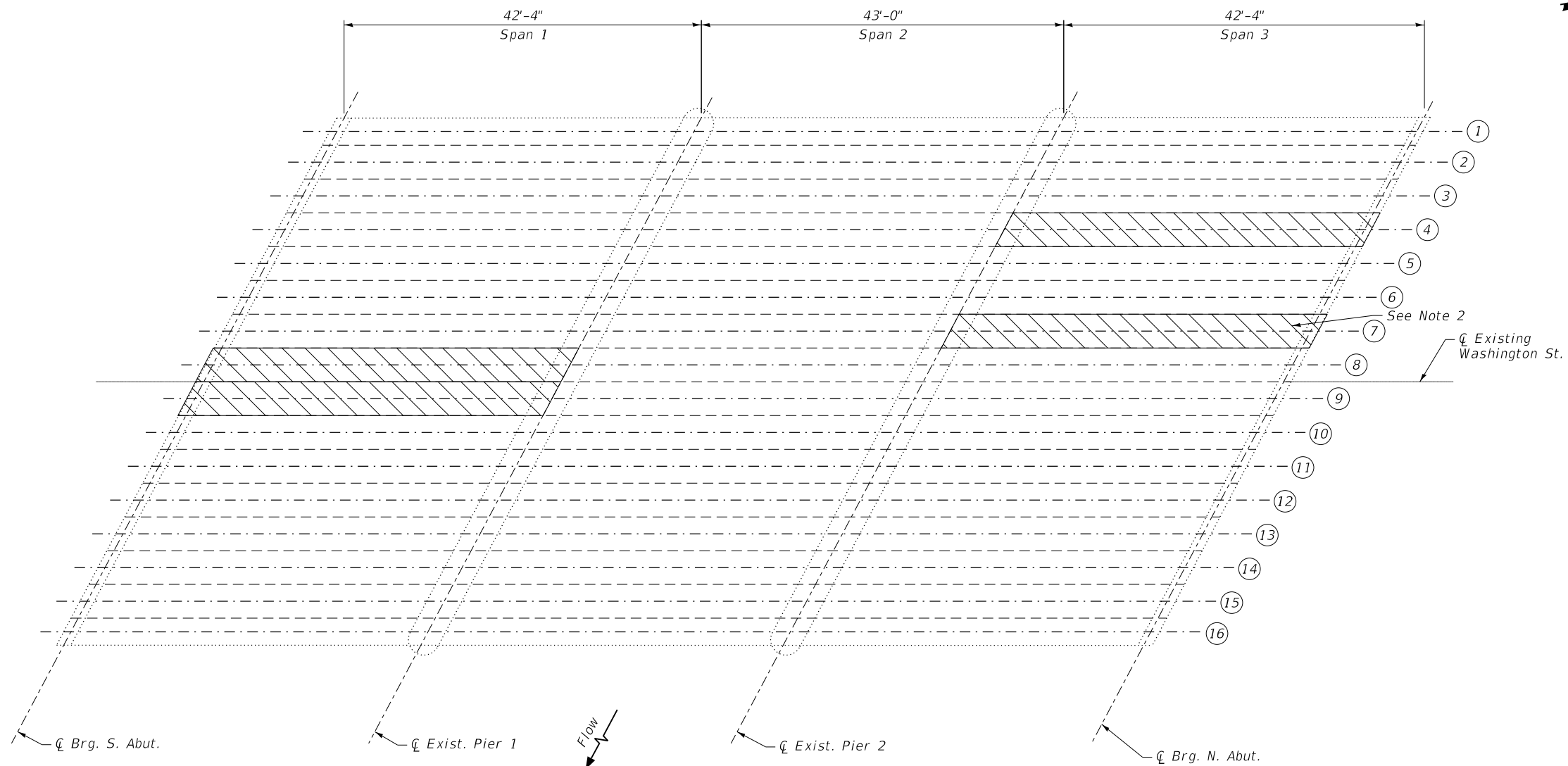
STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BRIDGE CONSTRUCTION STAGING
STRUCTURE NO. 022-6749

SHEET S-6 OF S-48 SHEETS


F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
2552	16-00167-00-BR	DUPAGE	261	190
CONTRACT NO.			61G82	

ILLINOIS FED. AID PROJECT



EXISTING PLAN

LEGEND


 Beam to be temporarily supported

NOTES:

1. See sheet S-6B for Structural Support Details.
2. Based on existing conditions, Beam 4, 8 & 9 require support. It is anticipated that Beam 7 will need to be supported, but locations should be confirmed by ENGINEER at time of installation.

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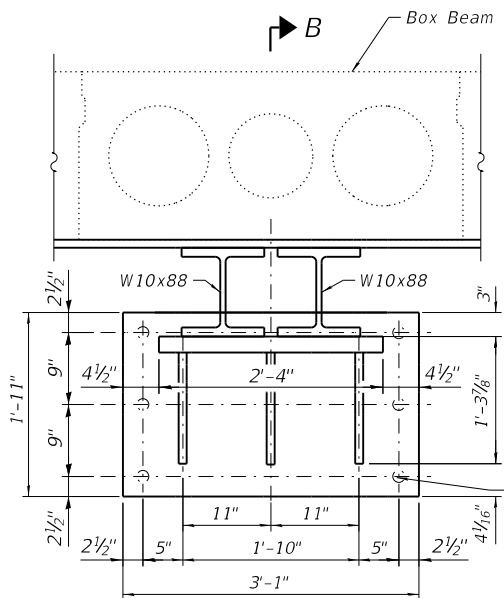
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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BOX BEAM TEMPORARY SUPPORT I
STRUCTURE NO. 022-6749

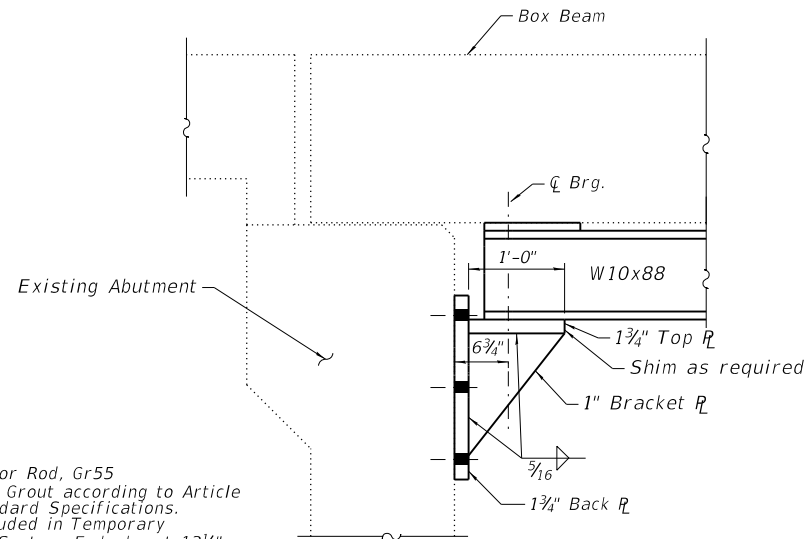
SHEET S-6A OF S-48 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.			61G82	
ILLINOIS FED. AID PROJECT				



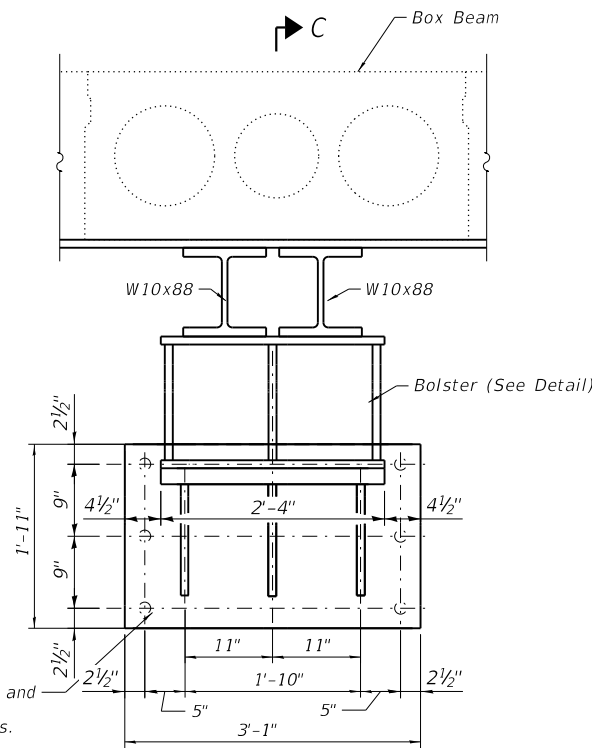
VIEW A-A
(at Abutments)

1/4" Anchor Rod, Gr55
Drill and Grout according to Article
584 Standard Specifications.
Cost included in Temporary
Support System. Embedment 13 1/4"

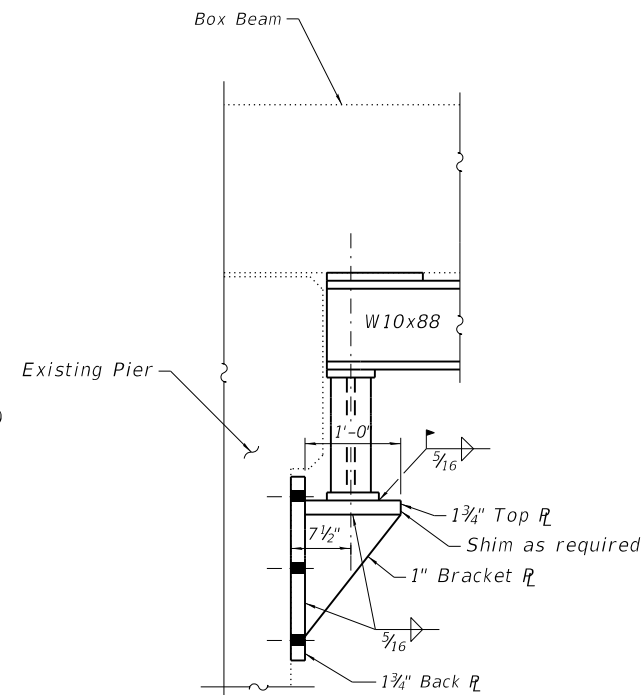


SECTION B-B
(at right angle with Support Bracket)

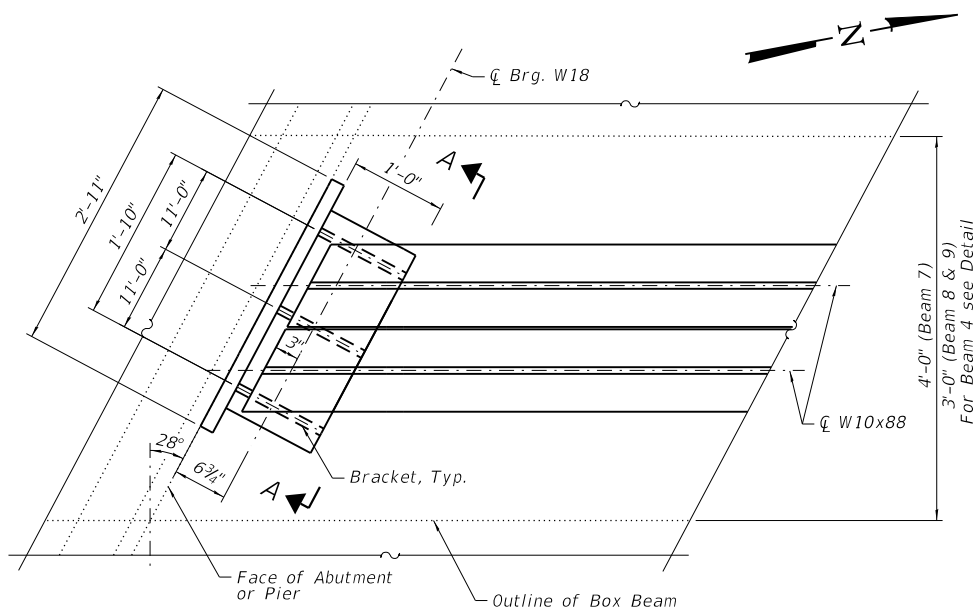
1/4" Anchor Rod, Gr55 Drill and
Grout according to Article
584 Standard Specifications.
Cost included in Temporary
Support System.
Embedment 13 1/4"



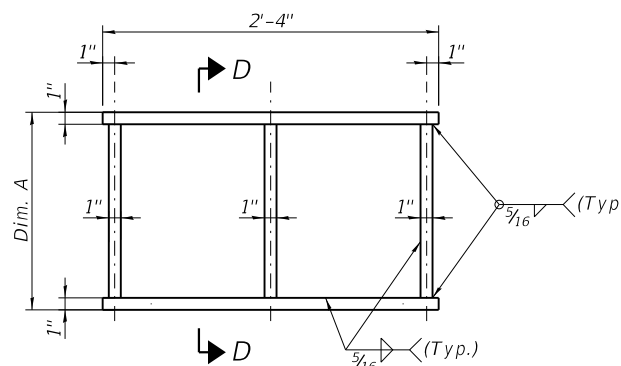
VIEW A-A
(at Piers)



SECTION C-C
(at right angle with Support Bracket)

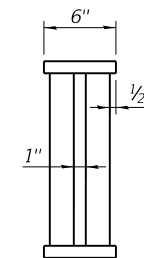


TEMPORARY SUPPORT SYSTEM



BOLSTER DETAIL

Location	Dim. A
Span 1, Beam 8	1'-3 3/8"
Span 1, Beam 9	1'-3 3/8"
Span 3, Beam 4	1'-1 1/2"
Span 3, Beam 7	1'-3 3/8"



SECTION D-D

FILE NAME: N:\PROJ\020794.01\Design\Structural\CAD\020794.01_06B-Existing_Structure_Repair_IL.dgn



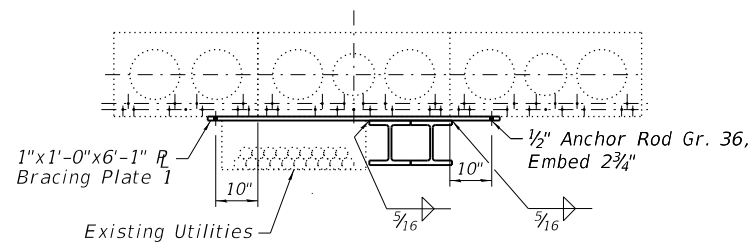
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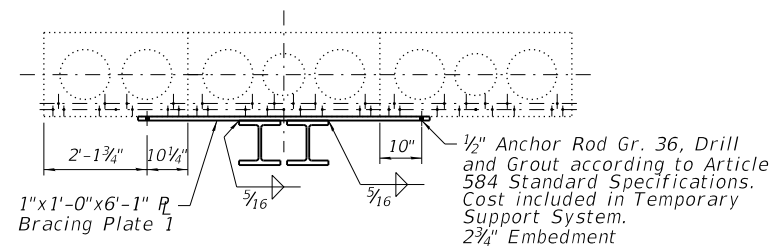
EXISTING BOX BEAM TEMPORARY SUPPORT II
STRUCTURE NO. 022-6749

SHEET S-6B OF S-48 SHEETS

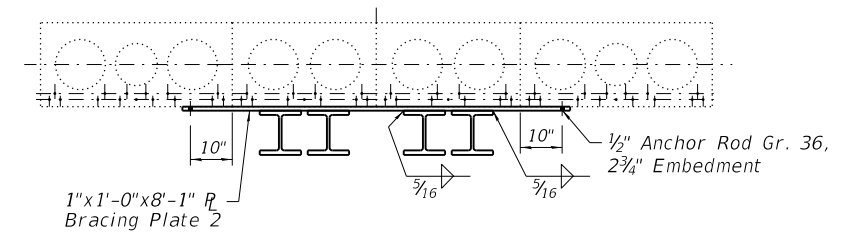
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CONTRACT NO.			61G82	
ILLINOIS FED. AID PROJECT				



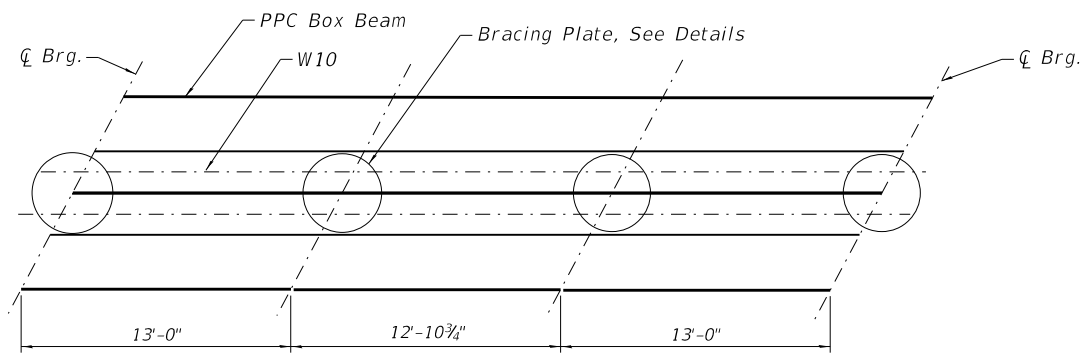
DETAIL AT BEAM 4 - SPAN 3



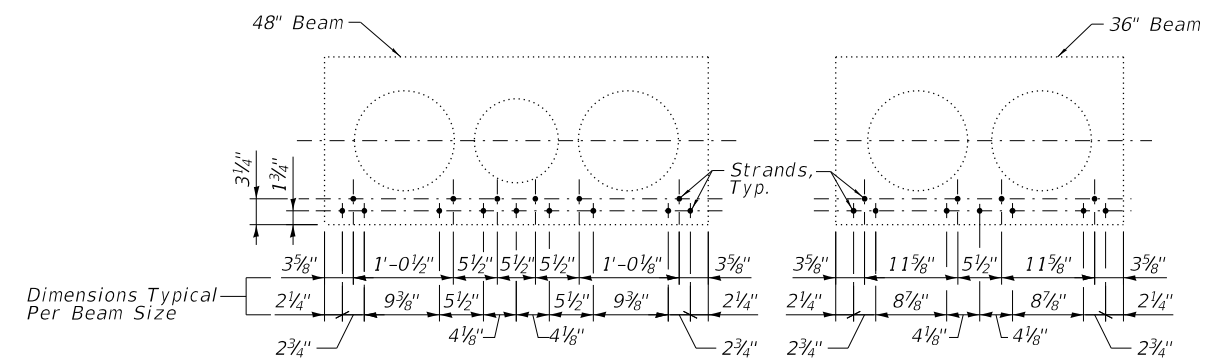
DETAIL AT BEAM 7 - SPAN 3



DETAIL AT BEAM 8 & 9 - SPAN 1



BOX BEAM SUPPORT (TYPICAL EACH BEAM)



Note: Location of Strands are based on existing structure plans.

BEAM DETAIL SHOWING STRAND LOCATIONS

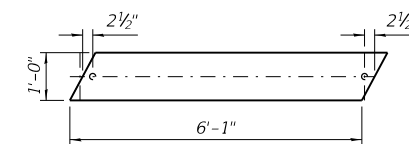


PLATE 1

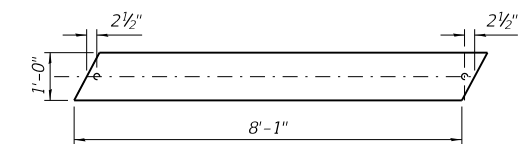


PLATE 2

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STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

EXISTING BOX BEAM TEMPORARY SUPPORT II
STRUCTURE NO. 022-6749

SHEET S-6C OF S-48 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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CONTRACT NO.			61G82	
ILLINOIS		FED. AID PROJECT		