PROJECT	DESIGNATION
2200148	2200148
CONTRACT	BRIDGE FILE
B-44218	P000-40-07088 C

STRUCTURE INFORMATION				
STRUCTURE	TYPE	SPAN AND SKEW	OVER	STATION
P000-40-07088 C	1 MAIN SPAN - STEEL THROUGH TRUSS 2 APPROACH SPANS - STEEL PONY TRUSS	3 SPANS 49'-0", 110'-0", 49'-0" SKEW:0°	MUSCATATUCK RIVER	℄ STRUCTURE STA.100+00.00 "A"

INDIANA DEPARTMENT OF TRANSPORTATION

NOTE TO REVIEWER:

Design Year is the current year per IDM Fig.51-6B.

TRAFFIC DATA		
A.A.D.T.	(2025)	143 V.P.D.
A.A.D.T.	(2025)	143 V.P.D.
D.H.V	(2025)	5 V.P.H.
DIRECTIONAL DISTRIBUTION		50.0 %
TRUCKS		0 % A.A.D.T.
		0 % D.H.V.

DESIGN DATA	
DESIGN SPEED	15 M.P.H.
PROJECT DESIGN CRITERIA	3R (NON-FREEWAY)
FUNCTIONAL CLASSIFICATION	RECREATIONAL (PRIMARY ACCESS)
RURAL/URBAN	RURAL
TERRAIN	ROLLING
ACCESS CONTROL	NONE

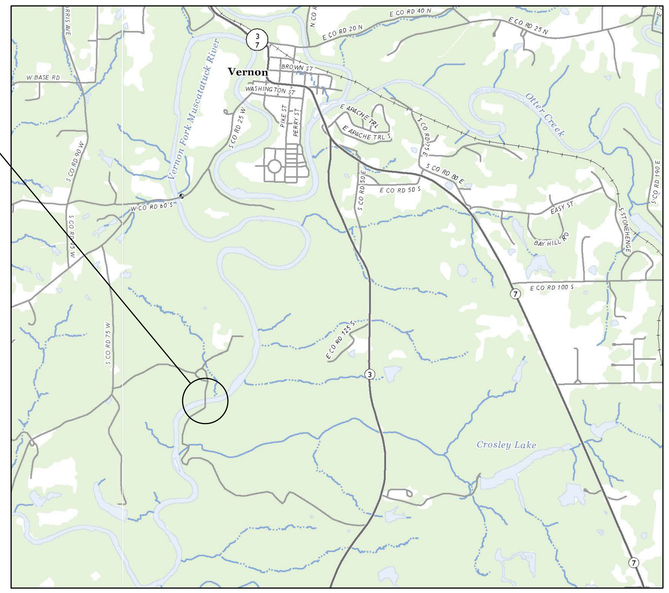
BRIDGE REHABILITATION PLANS

FOR SPANS OVER 20 FEET
ROUTE: PARK ROAD AT: RP N/A

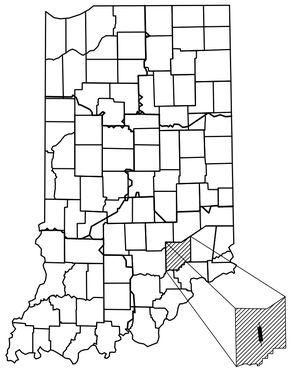
PROJECT NO. 2200148 P.E.
R/W
2200148 CONST.

Bridge Deck Replacement on Park Road over Muscatatuck River
Located in Crosley Fish and Wildlife Area in
Section 15, T-6-N, R-8-E, Vernon Township, Jennings County, Indiana

PROJECT LOCATION
Begin Project-Sta.98+92.00 "A"
End Project-Sta.101+08.00 "A"



LOCATION MAP
SCALE: 1" = 2000'



PROJECT LOCATION SHOWN BY
JENNINGS COUNTY

LATITUDE: 38°57'42.37" N LONGITUDE: 85°37'01.7" W

BRIDGE LENGTH: 0.040 MI.
ROADWAY LENGTH: 0.001 MI.
TOTAL LENGTH: 0.041 MI.
MAX. GRADE: 0.00 %

HUC 12: 051202070701

INDIANA DEPARTMENT OF TRANSPORTATION
STANDARD SPECIFICATIONS DATED 2024
TO BE USED WITH THESE PLANS.

PLANS PREPARED BY:

egis

PLANS PREPARED BY: Egis BLN USA, Inc. (317) 849-5832
8320 Craig Street | Indianapolis, IN 46250 www.egis-group.com

CERTIFIED BY: _____ DATE

APPROVED FOR LETTING: _____ DATE
INDIANA DEPARTMENT OF TRANSPORTATION

BRIDGE FILE
P000-40-07088 C
DESIGNATION
2200148

DRAWING NO.	SHEETS
	1 of 10
CONTRACT	PROJECT
B-44218	2200148

UTILITIES

No Utilities Found within Project Limits

811 Know what's below. Call before you dig.

INDIANA UNDERGROUND
1-800-382-5544 OR CALL 811
24 HOURS A DAY 7 DAYS A WEEK

REVISIONS

SHEET NO.	DATE	REVISED

INDEX

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: AE DRAWN: LLG

CHECKED: AVW CHECKED: AVW

INDIANA
DEPARTMENT OF TRANSPORTATION

INDEX SHEET

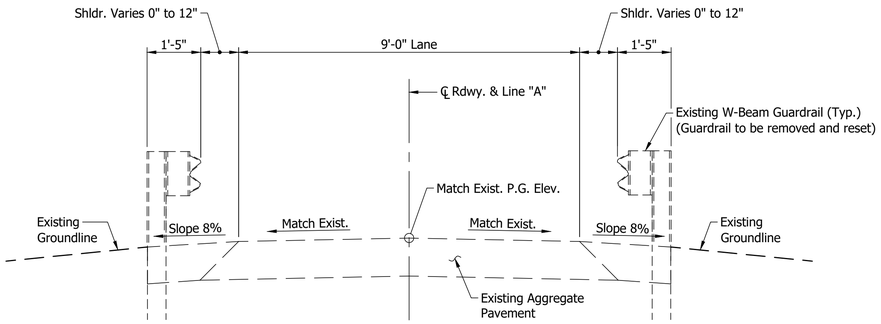
HORIZONTAL SCALE	BRIDGE FILE
N/A	P000-40-07088 C
VERTICAL SCALE	DESIGNATION
N/A	2200148
DRAWING NO.	SHEETS
	2 of 10
CONTRACT	PROJECT
B-44218	2200148

LEGEND

(N) 12" Compacted Aggregate, No.73

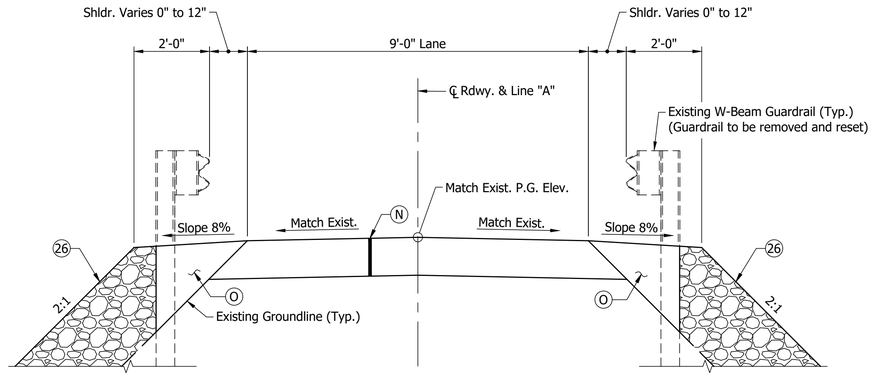
(O) Compacted Aggregate, No.53

(26) 24" Dumped Class 1 Riprap



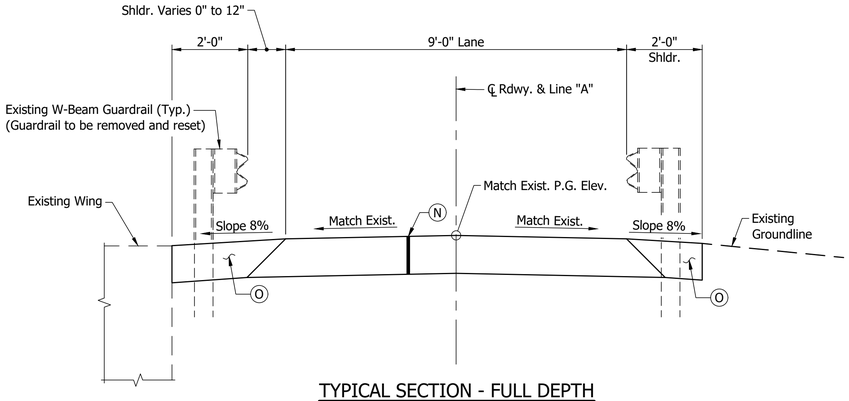
TYPICAL SECTION - INCIDENTAL CONSTRUCTION

STA.98+59.00 "A" to STA.98+92.00 "A"
STA.101+17.00 "A" to STA.101+35.00 "A"
Scale: 1/2" = 1'-0"



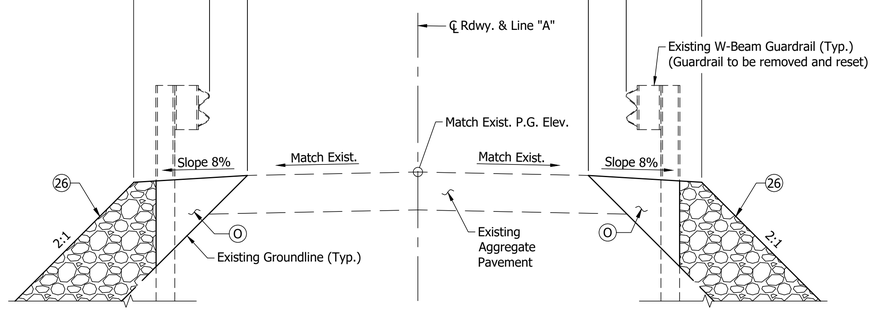
TYPICAL SECTION - FULL DEPTH

STA.101+06.00 "A" to STA.101+08.00 "A"
Scale: 1/2" = 1'-0"



TYPICAL SECTION - FULL DEPTH

STA.98+92.00 "A" to STA.98+94.00 "A"
Scale: 1/2" = 1'-0"



TYPICAL SECTION - INCIDENTAL CONSTRUCTION

STA.101+08.00 "A" to STA.101+17.00 "A"
Scale: 1/2" = 1'-0"

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

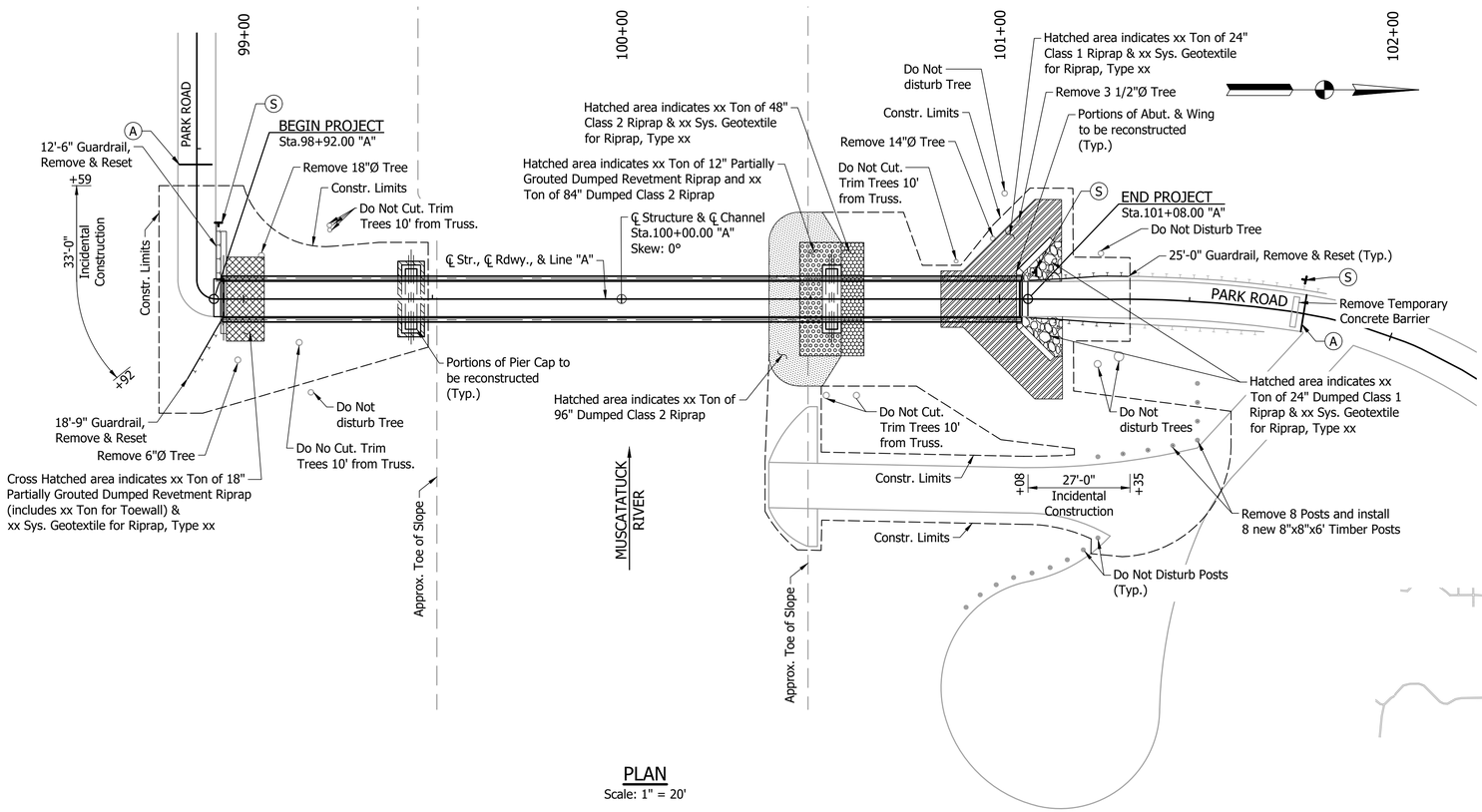
DESIGNED: AE DRAWN: LLG

CHECKED: AVW CHECKED: AVW

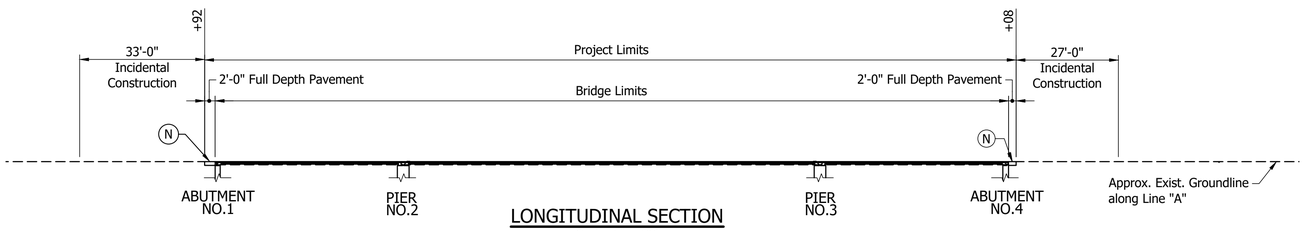
INDIANA
DEPARTMENT OF TRANSPORTATION

TYPICAL CROSS SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
1/2" = 1'-0"	P000-40-07088 C
VERTICAL SCALE	DESIGNATION
1/2" = 1'-0"	2200148
DRAWING NO.	SHEETS
	3 of 10
CONTRACT	PROJECT
B-44218	2200148



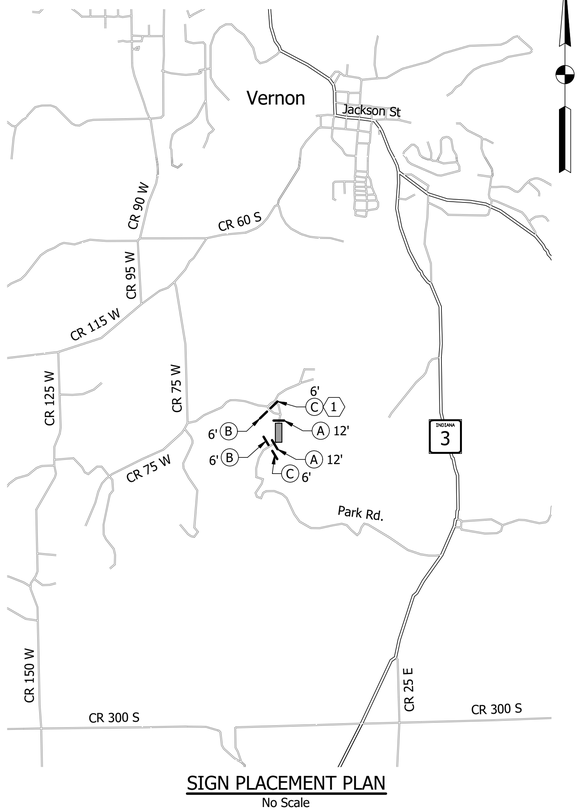
PLAN
Scale: 1" = 20'



LONGITUDINAL SECTION
Scale: 1" = 20'

LEGEND

- (N) 12" Compacted Aggregate, No.73
- (S) R12-7 (Emergency Vehicle Weight Limit Single Axle 8 Ton, Tandem 10 Ton, Gross 13 Ton) R12-1 (Weight Limit 4 Ton)
- 18" Partially Grouted Dumped Revetment Riprap
- 24" Class 1 Riprap
- 24" Dumped Class 1 Riprap
- 48" Class 2 Riprap
- 12" Partially Grouted Dumped Revetment Riprap on 84" Dumped Class 2 Riprap
- 96" Dumped Class 2 Riprap
- Concrete Underpin



SIGN PLACEMENT PLAN
No Scale

EXISTING STRUCTURE

Existing Structure is a 3 span steel truss bridge (49'-0", 110'-0", 49'-0") with a 9'-4" Clear Roadway. (To be Rehabilitated)

EARTHWORK SUMMARY*

Common Excavation	xxx Cys
Usable Common Excavation	xxx Cys
Fill + 20%	xxx Cys
Waterway Excavation	xx Cys
Usable Waterway Excavation (50%)	xx Cys
Borrow	xx Cys

* Quantities shown are to be used as final pay items.

HYDRAULIC DATA

Drainage Area	199.66 Sq Mi
Design Discharge, Q100	52,902 cfs
High Water Elevation, Q100	El. 614.52
Existing Bridge	
Skew	0°
Flowline Elevation	El. 583.30
Contraction Scour, Q100	16.29 ft
Total Scour, Q100	36.06 ft
Low Scour Elevation, Q100	El. 541.68
Max. Velocity, Q100 (℄ Channel)	12.99 ft/sec
Avg. Velocity, Q100	9.85 ft/sec
Low Structure Elevation (Approx.)	El. 612.74

LEGEND

- (A) Barricade Type III-A & Road Closure Sign Assembly
- (B) Barricade Type III-B
- (C) Barricade Type III-B & Road Closure Sign Assembly
- Project Location

CONSTRUCTION SIGNS TYPE "A"

- (1) R11-2 Road Closed

TRAFFIC MAINTENANCE SUMMARY TABLE

ITEM DESCRIPTION	PAY QUANTITY
Barricade, Type III-A	24 Lft.
Barricade, Type III-B	24 Lft.
Construction Sign, A	1 Ea.
Road Closure Sign Assembly	4 Ea.
Maintaining Traffic	1 LSum

Notes:
Trees within or near construction limits shall not be cut or trimmed unless noted. Do Not Disturb Trees outside of Construction Limits.
Entire Project within IDNR Right-of-Way.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

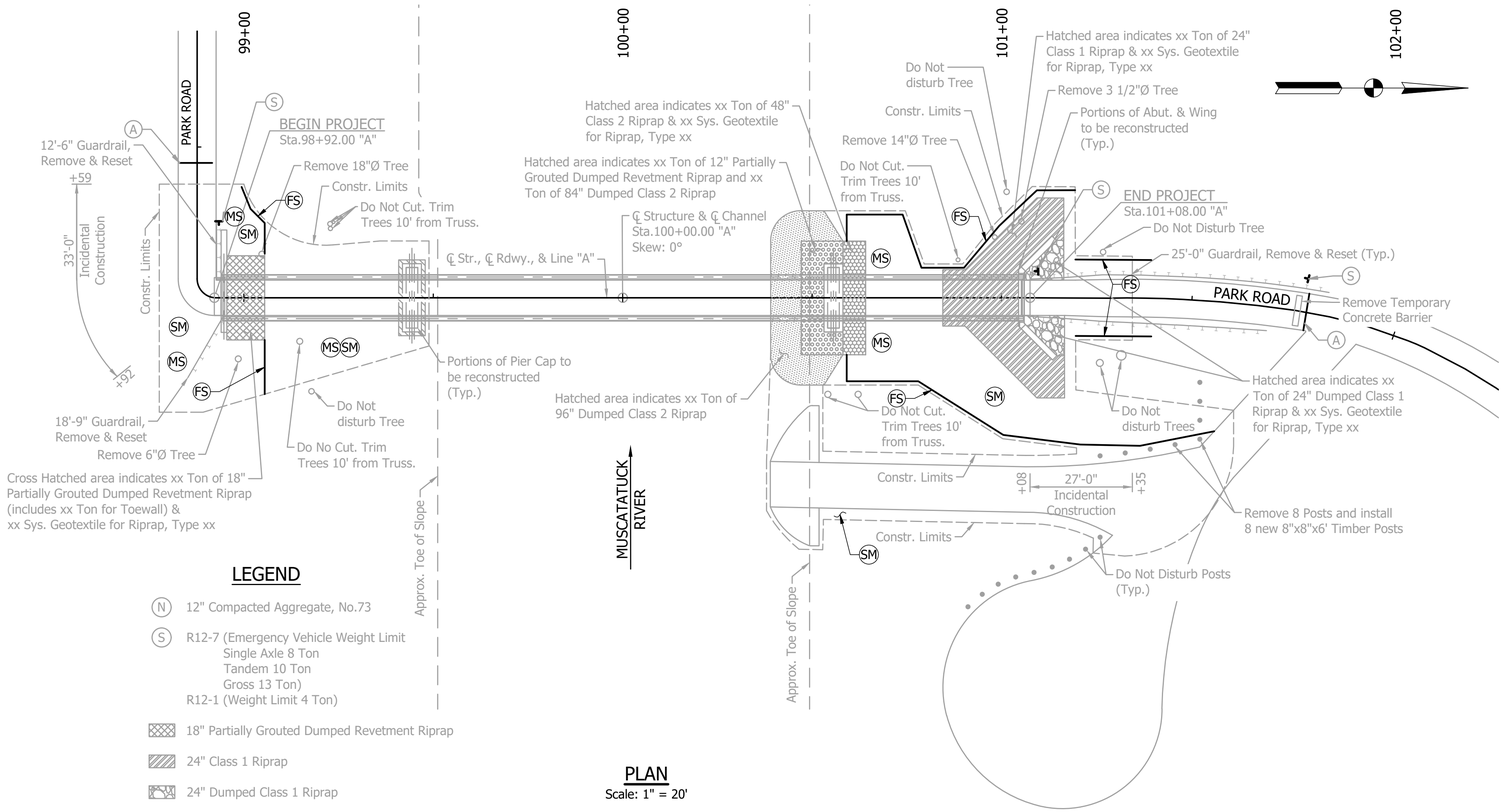
DESIGNED: AE | DRAWN: LLG

CHECKED: AVW | CHECKED: AVW

INDIANA
DEPARTMENT OF TRANSPORTATION

CONSTRUCTION LAYOUT DETAILS

HORIZONTAL SCALE	BRIDGE FILE
AS NOTED	P000-40-07088 C
VERTICAL SCALE	DESIGNATION
AS NOTED	2200148
DRAWING NO.	SHEETS
	4 of 10
CONTRACT	PROJECT
B-44218	2200148



LEGEND

- (N) 12" Compacted Aggregate, No.73
- (S) R12-7 (Emergency Vehicle Weight Limit
  Single Axle 8 Ton
  Tandem 10 Ton
  Gross 13 Ton)
  R12-1 (Weight Limit 4 Ton)
- 18" Partially Grouted Dumped Revetment Riprap
- 24" Class 1 Riprap
- 24" Dumped Class 1 Riprap
- 48" Class 2 Riprap
- 12" Partially Grouted Dumped Revetment Riprap on 84" Dumped Class 2 Riprap
- 96" Dumped Class 2 Riprap
- Concrete Underpin

PLAN

Scale: 1" = 20'

LEGEND

- (MS) Manufactured Surface Protection Product
- (SM) Seed Mixture, Floodplain
- (FS) Filter Sock

Notes:

Trees within or near construction limits shall not be cut or trimmed unless noted. Do Not Disturb Trees outside of Construction Limits.
Entire Project within IDNR Right-of-Way.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER _____ DATE

DESIGNED: AE | DRAWN: LLG

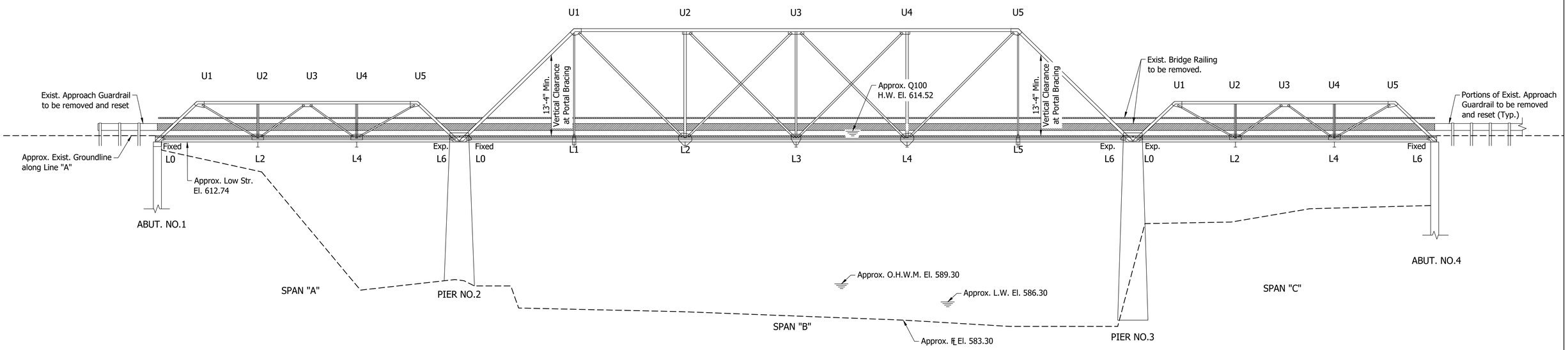
CHECKED: AVW | CHECKED: AVW

INDIANA
DEPARTMENT OF TRANSPORTATION

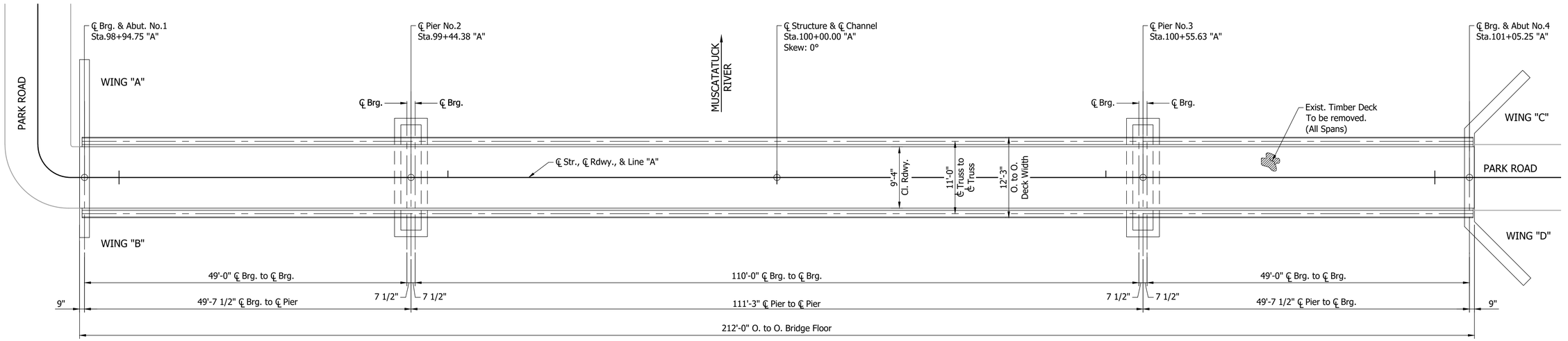
EROSION CONTROL PLAN - LINE "A"

HORIZONTAL SCALE	BRIDGE FILE
1" = 20'	P000-40-07088 C
VERTICAL SCALE	DESIGNATION
1" = 20'	2200148
DRAWING NO.	SHEETS
	5 of 10
CONTRACT	PROJECT
B-44218	2200148

EXISTING STRUCTURE BUILT LEVEL



ELEVATION
Scale: 1/8" = 1'-0"



PLAN
Scale: 1/8" = 1'-0"

Notes:
- Hatched area indicates portions to be removed.
- For Proposed Elevation and Plan, see Dwg.S2.
- For General Notes, Design Data and Construction Procedures, see Dwg.S3.

STEEL THROUGH & PONY TRUSS BRIDGE
3 SPANS: 49'-0", 110'-0", 49'-0"
9'-8" CLEAR ROADWAY SKEW: 0°
PARK ROAD OVER MUSCATATUCK RIVER
JENNINGS COUNTY

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: AE DRAWN: LLG

CHECKED: AVW CHECKED: AVW

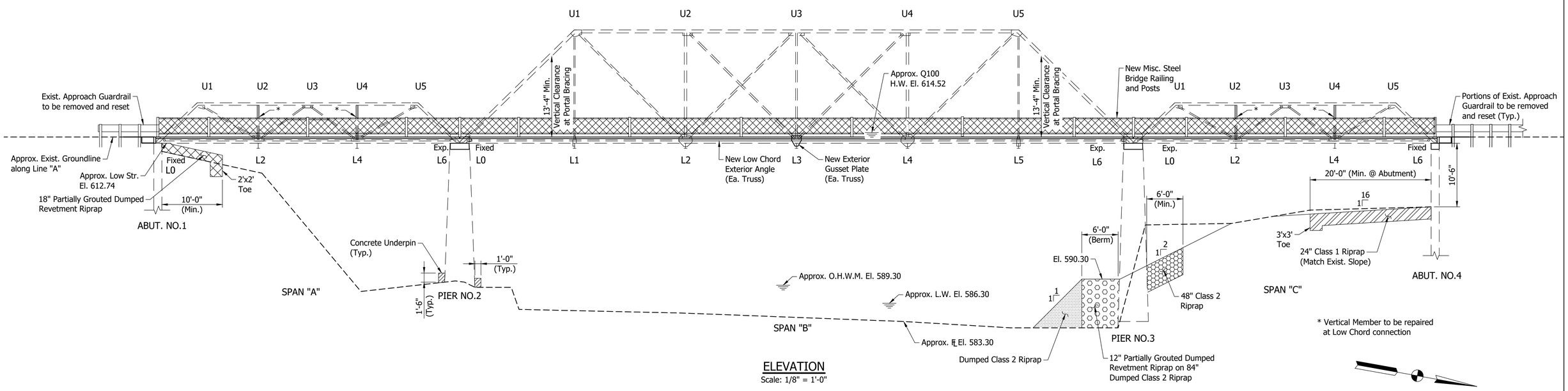
INDIANA
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN
EXISTING

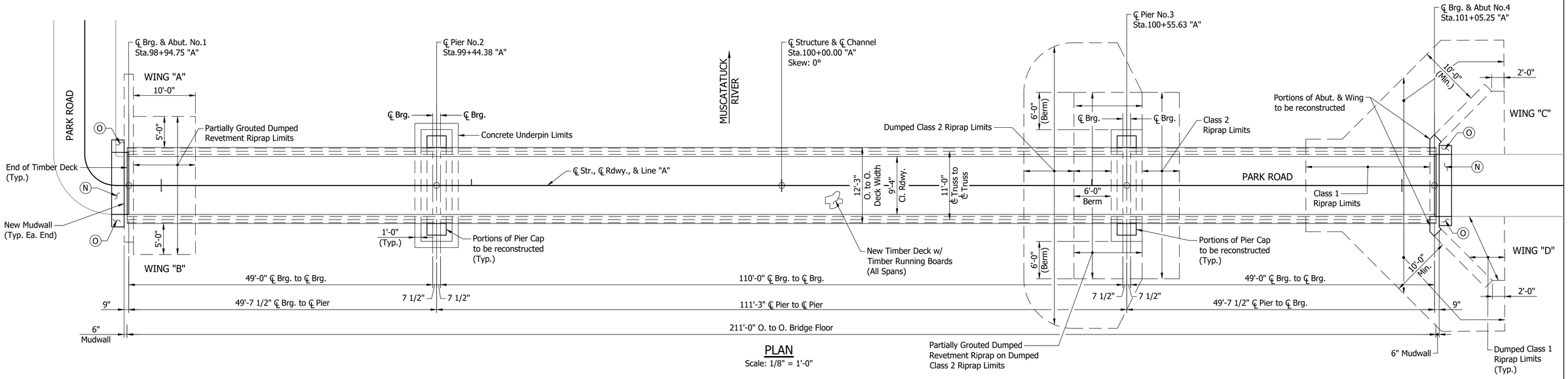
HORIZONTAL SCALE	BRIDGE FILE
1/8" = 1'-0"	P000-40-07088 C
VERTICAL SCALE	DESIGNATION
1/8" = 1'-0"	2200148

DRAWING NO.	SHEETS
S1 of S3	6 of 10
CONTRACT	PROJECT
B-44218	2200148

EXISTING STRUCTURE BUILT LEVEL



ELEVATION
Scale: 1/8" = 1'-0"



PLAN
Scale: 1/8" = 1'-0"

Notes:

For Legend, see Sht.3.

For Existing Elevation and Plan, see Dwg.S1.

For General Notes, Design Data and Construction Procedures, see Dwg.S3

STEEL THROUGH & PONY TRUSS BRIDGE
3 SPANS: 49'-0", 110'-0", 49'-0"
9'-8" CLEAR ROADWAY SKEW: 0°
PARK ROAD OVER MUSCATATUCK RIVER
JENNINGS COUNTY

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: AE | DRAWN: LLG

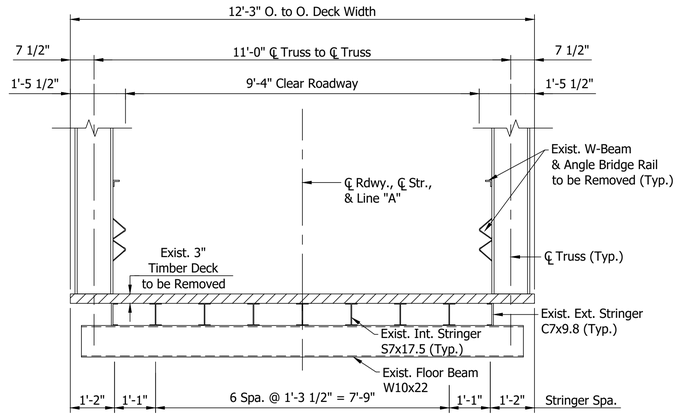
CHECKED: AVW | CHECKED: AVW

INDIANA
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN
PROPOSED

HORIZONTAL SCALE	BRIDGE FILE
1/8" = 1'-0"	P000-40-07088 C
VERTICAL SCALE	DESIGNATION
1/8" = 1'-0"	2200148

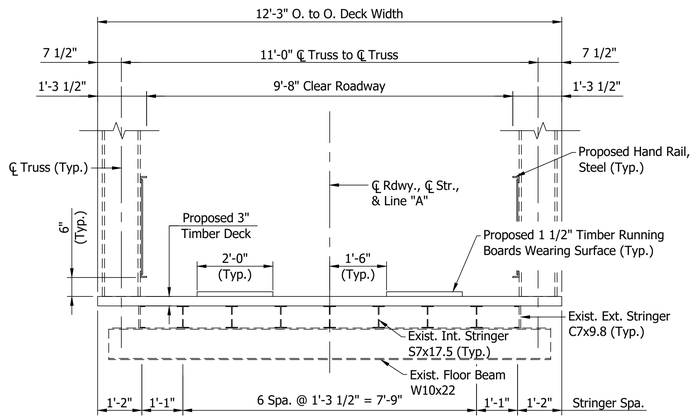
DRAWING NO.	SHEETS
S2 of S3	7 of 10
CONTRACT	PROJECT
B-44218	2200148



TYPICAL SECTION-EXISTING

(All Spans)

Scale: 1/2" = 1'-0"



TYPICAL SECTION-PROPOSED

(All Spans)

Scale: 1/2" = 1'-0"

GENERAL NOTES

Reinforcing Steel covering shall be 2", unless noted.

Reinforcing Steel in mudwalls, piers, and abutments shall be epoxy coated.

Portions of the present structure shall be Removed.

Missing or deteriorated bolts and rivets shall be replaced as directed by the Engineer.

All bolts and rivets that are Removed or open holes shall be replaced or filled with A325 round headed bolts of the applicable size. At no time shall standard bolts be utilized without the written consent of the Engineer.

The Contractor shall be responsible for and provide adequate Jacking, Shoring, and temporary support prior to all structural repairs. The Contractor shall submit to the Project Engineer/Supervisor (PE/S), 14 days prior to indicated work, a plan detailing their proposed method for jacking, shoring, and temporary support of the existing structure during the construction of bridge members. Each drawing must include Contract Number, Contractors Name, and shall be designed and sealed by a Professional Engineer Licensed in the State of Indiana. See Special Provisions for additional details.

All exposed faces of reconstructed abutment and pier caps and exposed faces of mudwalls to be sealed in accordance with 702.21. of the Specifications.

(Estimated Quantity = xxx Sft.)

Where new work is to be fitted to the old work, the Contractor shall check and verify all dimensions, elevations, and conditions in the field and report any errors or discrepancies to the Engineer and assume responsibility for their correctness and the fit of the new construction to the existing structure.

No Original Plans exist for this structure. The original design loading is unknown. Plans for 1979, 2004, and 2015 rehabilitations are on file in the Research and Documents Section at the Indiana Department of Transportation, as Bridge File No.P000-40-07088 and are available upon request.

All Cleaning and Coating shall be in accordance with the current Standard Specifications and Special Provision 619-B-321. The dried coating film shall match color number 14260, Green, of Federal Standard 595. The bridge was last painted in 2004 and the presence of lead is unknown.

Concrete in mudwalls and substructure to be Class "A".

CONSTRUCTION PROCEDURE

1. Remove existing timber deck, portions of handrails, and portion of approaches.
2. Replace or repair truss gusset plates, bearings, verticals, and low chords.
3. Install Scour Countermeasures.
4. Construct timber deck, timber running boards, portions of handrails and portions of mudwalls.
5. Clean and coat truss, floor beams, stringers and bridge railing.
6. Reconstruct or patch portions of abutments, piers, and wings.
7. Complete all other work as shown in the detail plans.

The sequence of the above notes does not necessarily indicate sequence of construction operations.

Structure to be closed to traffic during all phases of work. See Maintenance of Traffic Details.

Notes:

Hatched area indicates portions to be removed.

For Existing Elevation and Plan, see Dwg.S1.

For Proposed Elevation and Plan, see Dwg.S2.

DESIGN DATA

LIVE LOAD

Based on recent Load Rating, the existing bridge has a H-20 Design Loading of 5 Tons. Bridge to be posted for 4 Tons at the request of the Indiana Department of Natural Resources (IDNR) and INDOT.

DESIGN STRENGTHS

To be in accordance with 2002 AASHTO Standard Specifications for Highway Bridges and all Interims.

CONCRETE:
Class "A": f'c=3,500 psi

REINFORCING STEEL:
Grade 60: fy=60,000 psi

STRUCTURAL STEEL:
ASTM A709 Grade 50: fy=50,000 psi

SEISMIC DATA

AASHTO Guide Design Specifications for LRFD Seismic Bridge Design
Seismic Zone Category A
S1 = xx
Site Class xx
Fv = xx

STEEL THROUGH & PONY TRUSS BRIDGE
3 SPANS: 49'-0", 110'-0", 49'-0"
9'-8" CLEAR ROADWAY SKEW: 0°
PARK ROAD OVER MUSCATATUCK RIVER
JENNINGS COUNTY

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: AE | DRAWN: LLG

CHECKED: AVW | CHECKED: AVW

INDIANA
DEPARTMENT OF TRANSPORTATION

GENERAL PLAN
TYPICAL SECTIONS

HORIZONTAL SCALE	BRIDGE FILE
1/2" = 1'-0"	P000-40-07088 C
VERTICAL SCALE	DESIGNATION
1/2 = 1'-0"	2200148

DRAWING NO.	SHEETS
S3 of S3	8 of 10
CONTRACT	PROJECT
B-44218	2200148

SUMMARY OF BRIDGE QUANTITIES

ITEM	CONRETE CLASS C SUBSTR.	CONRETE CLASS C SUPERSTR.	RAILING, CONCRETE, PF-1	RAILING, STEEL, PF-1	BARRIER DELINEATOR	REINF. BARS EPOXY COATED	REINFORCING BARS	FIELD DRILLED HOLE IN CONCRETE	GRATES, BASINS, & FITTINGS	REINF. CONC. BRIDGE APPROACH (12"), MOD.	SUBBASE FOR PCCP	DRILLED HOLE	PIPE, ROADWAY DRAIN CASTING EXTENSION	AGGREGATE FOR END BENT BACKFILL	DEBRIS REMOVE, STR. NO.2	EMBEDDED GALVANIC ANODE	RIVET REMOVE	STUD SHEAR CONNECTOR	CONCRETE BRIDGE RAILING TRANSITION, TPF-1, MODIFIED	BRIDGE EXPANSION JOINT, PCF	BRIDGE EXPANSION JOINT, M	LONGITUDINAL GROOVING	PATCHING CONCRETE STRUCTURES	SURFACE SEAL*
	CYS	CYS	LFT	LFT	EACH	LBS	LBS	EACH	EACH	SYS	CYS	EACH	EACH	CYS	LSUM	EACH	EACH	EACH	EACH	LFT	LFT	SYS	SFT	SFT
ABUTMENT NO.1																								
PIER NO.2																								
PIER NO.3																								
ABUTMENT NO.4																								
SUPERSTRUCTURE																								
BRIDGE RAILING																								
TOTALS																								

* Estimated Quantity

SUMMARY OF BRIDGE QUANTITIES

ITEM	REPAIR, FLOOR BEAM	REPAIR, BOTTOM LATERAL CONNECTION	REPAIR, BOTTOM LATERAL	REPAIR, DIAGONAL	REPAIR, LOW CHORD	REPAIR, VERTICAL	REPAIR, GUSSET PLATE	REPAIR, LOW CHORD SPLICE	REPAIR, STRINGER	REPAIR, END POST	REPAIR, TOP BENT PLATE	REPAIR, BEARING
	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH	EACH
ABUTMENT NO.1												
PIER NO.2												
PIER NO.3												
ABUTMENT NO.4												
SUPERSTRUCTURE												
BRIDGE RAILING												
TOTALS												

BRIDGE COATING LOCATIONS AND INFORMATION

CONTRACT BRIDGE NO. (1)	DES. NO.	BRIDGE FILE NUMBER	ROUTE AND CROSSING	ROUTE	REF. POST	COUNTY	LOCATION	YEAR BUILT	YEAR LAST COATED	EXISTING PRIMER TYPE (HAZARDOUS OR NON-HAZARDOUS)	NO. SPANS	SPAN LENGTHS	TOTAL STRUCTURAL STEEL (TON) (2)	NEW COAT COLOR NAME (3)
1	2200148	P000-40-07088 C	Park Road over Muscatatuck River	Park Road	N/A	Jennings	Crosley Fish and Wildlife Area	1910	2004	Hazardous	3	49'-0", 110'-0", 49'-0"		Green

ADDITIONAL INFORMATION

DISPOSAL OF CLEANING WASTE, HAZARDOUS (LSUM)	CLEAN STEEL BRIDGE, PARTIAL, QP-2 (LSUM)	COAT STEEL BRIDGE, PARTIAL (LSUM)	CLEAN AND COAT STEEL PILING, (SFT) (2)

(1) See RSP 101-B-042, Bridge Numbers for Pay Item
(2) Quantities shown are approximate. The Contractor shall determine the quantities upon which to base its bid
(3) See Standard Specifications section 909.02 for allowable color numbers for full and partial bridge coating.

RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE

DESIGNED: AE | DRAWN: LLG

CHECKED: AVW | CHECKED: AVW

INDIANA
DEPARTMENT OF TRANSPORTATION

BRIDGE SUMMARY OF QUANTITES

HORIZONTAL SCALE	BRIDGE FILE
N/A	P000-40-07088 C
VERTICAL SCALE	DESIGNATION
N/A	2200148
DRAWING NO.	SHEETS
	9 of 10
CONTRACT	PROJECT
B-44218	2200148

PAVEMENT QUANTITIES AND APPROACH TABLE

LOCATION	DESCRIPTION (APPROACH TYPE OR CLASS)	WIDTH	LENGTH	RADII	DISTANCE BEYOND R/W LINE	SURFACE BEYOND R/W LINE: COMPACTED AGGREGATE BASE	SURFACE BEYOND R/W LINE: HMA	SURFACE BEYOND R/W LINE: PCCP	GRADE 1	GRADE 2	EXCAVATION: CUT	EXCAVATION: FILL	HMA FOR APPROACHES: SURFACE	HMA FOR APPROACHES: INTERMED	HMA FOR APPROACHES: BASE	QC/QA-HMA FOR ROADS: SURFACE 2, 58S 9.5MM	QC/QA-HMA FOR ROADS: SURFACE 2, 58H 9.5MM	QC/QA-HMA FOR ROADS: INTERMD 2, 58S 19.0MM	QC/QA-HMA FOR ROADS: INTERMD 4, 58E 19.0MM	QC/QA-HMA FOR ROADS: BASE 4, 58S 25.0MM	QC/QA-HMA FOR ROADS: BASE 4, 58H 25.0MM	ASPHALT MATERIAL FOR TACK COAT	JOINT ADHESIVE SURFACE	JOINT ADHESIVE INTERMEDIATE	COMPACTED AGGREGATE NO. 73 DEPTH 12"	COMPACTED AGGREGATE NO. 73 DEPTH 5"	COMPACTED AGGREGATE NO.53 SHOULDERS DEPTH 16.75"	COMPACTED AGGREGATE NO.53 SHOULDERS DEPTH 6"	MILLING TRANSITION	SUBGRADE TREATMENT TYPE IA	CURB, CONCRETE, TYPE B	CONCRETE SIDEWALK, 4"	CURB & GUTTER CONCRETE	REMARKS
													LBS PER SYD			LBS PER SYD			LBS PER SYD						DEPTH		DEPTH							
		FT	FT	FT	FT	SYS	SYS	SYS	%	%	CYS	CYS	TONS	TONS	TONS	165 TONS	165 TONS	275 TONS	385 TONS	330 TONS	330 TONS	SYS	LFT	LFT	CYS	CYS	TONS	TONS	SYS	SYS	LFT	SYS	LFT	
TOTALS																																	

STRUCTURE DATA TABLE

STRUCTURE NUMBER	LOCATION: STATION	LOCATION: LEFT	LOCATION: CROSS	LOCATION: RIGHT	SIZE	PIPE TYPE	MANHOLE, INLET, CATCH BASIN, OR SPECIALTY STRUCTURE AND TYPE	LENGTH	SKEW	FLOW LINE: COVER	FLOW LINE: UP STREAM	FLOW LINE: DOWN STREAM	SERVICE LIFE	SITE DESIGNATION	pH	BACKFILL METHOD	STRUCTURE BACKFILL: TYPE	STRUCTURE BACKFILL: CYS	REVETMENT RIPRAP	CONCRETE, CLASS A, FOR STRUCTURES	GEOTEXTILES FOR RIPRAP, TYPE IA	PIPE END SECTION	GRATED BOX END SECTION: TYPE	GRATED BOX END SECTION: SLOPE	GRATED BOX END SECTION: EA.	SAFETY METAL END SECTION: SIZE	SAFETY METAL END SECTION: SLOPE	SAFETY METAL END SECTION: EA.	CONNECT TO STR.	REMARKS
					IN.			LFT		FT	ELEV.	ELEV.	YR				TYPE	CYS	TONS	CYS	SYS	EA	TYPE	SLOPE	EA.	SIZE	SLOPE	EA.		

R/W MARKER TABLE

LT./RT.	STATION	OFFSET (ft)	NO. REQ'D.	FLUSH MOUNT
TOTALS				

MAILBOX APPROACHES

LT./RT.	C/L BOX STATION	DESCRIPTION	WIDTH, W (FT)	ASSEMBLY REQ'D: SINGLE	ASSEMBLY REQ'D: DOUBLE	ASSEMBLY REQ'D: TRIPLE
TOTAL						

MONUMENT TABLE

LOCATION	OFFSET	TYPE	SECTION CORNER
TOTAL			

PERMANENT EROSION CONTROL SUMMARY TABLE

LOCATION: FROM STATION	LOCATION: TO STATION	LOCATION: LEFT	LOCATION: MEDIAN	LOCATION: RIGHT	PAVEMENT SIDE DITCH: ACTUAL LENGTH	PAVEMENT SIDE DITCH: CUT OFF WALLS (8 FT EQUIV. LENGTH EACH)	TOTAL EQUIVALENT PAY LENGTHS: TYPE					RIPRAP DITCH: RIPRAP REVETMENT	RIPRAP DITCH: RIPRAP, UNIFORM	RIPRAP DITCH: GEOTEXTILE FOR RIPRAP TYPE 1A	SODDING: FOR PAVED SIDE DITCHES	SODDING: FOR DITCHES	SODDING: FOR MEDIAN	SODDING: FOR SHOULDER BREAK	SODDING: SODDING AT BRIDGE CONE	SODDING: TOTAL SODDING	NURSERY SODDING FOR LAWNS
							TYPE														
					LFT	EACH	LFT	LFT	LFT	LFT	LFT	TONS	TONS	SYS	SYS	SYS	SYS	SYS	SYS	SYS	SYS
TOTALS																					

GUARDRAIL SUMMARY TABLE

LOCATION: FROM STATION	LOCATION: TO STATION	LOCATION: LEFT	LOCATION: MEDIAN LEFT	LOCATION: MEDIAN RIGHT	LOCATION: RIGHT	MGS W-BEAM GUARDRAIL LENGTH: STANDARD POST AT 6 FT. 3 IN. SPA.	MGS W-BEAM GUARDRAIL LENGTH: STANDARD POST AT 3 FT. 1.5 IN. SPA.	MGS W-BEAM GUARDRAIL LENGTH: DOUBLE FACED AT 6 FT. 3 IN. SPA.	MGS W-BEAM GUARDRAIL LENGTH: DOUBLE FACED AT 3 FT. 1.5 IN. SPA.	MGS W-BEAM GUARDRAIL LENGTH: SHOP CURVED AT ____ FT. SPA.	MGS W-BEAM GUARDRAIL LENGTH: MGS GUARDRAIL LONG SPAN, TYPE 1	MGS W-BEAM GUARDRAIL LENGTH: MGS GUARDRAIL LONG SPAN, TYPE 2	GUARDRAIL FLARE RATE	MGS GUARDRAIL TRANSITION WITH CURB	MGS GUARDRAIL TRANSITION WITHOUT CURB	MGS CABLE TERMINAL ANCHOR	GUARDRAIL END TREATMENT TYPE OS		CURVED W-BEAM GUARDRAIL SYSTEM: TERMINAL SYSTEM	CURVED W-BEAM GUARDRAIL SYSTEM: TERMINAL SYSTEM EACH	CURVED W-BEAM GUARDRAIL SYSTEM: CONNECTOR SYSTEM	CURVED W-BEAM GUARDRAIL SYSTEM: CONNECTOR SYSTEM EACH	GUARDRAIL REMOVE	GUARDRAIL RESET	IMPACT ATTENUATOR TYPE ___	IMPACT ATTENUATOR TYPE ___	REMARKS
					LFT	LFT	LFT	LFT	LFT	EACH	EACH		EACH	EACH	EACH	EACH		TYPE	EACH	TYPE	EACH	LFT	LFT	EACH	EACH	
TOTALS																												

		RECOMMENDED FOR APPROVAL _____ DESIGN ENGINEER DATE	INDIANA DEPARTMENT OF TRANSPORTATION
		DESIGNED: AE / DRAWN: LLG / CHECKED: AVW / CHECKED: AVW	ROAD SUMMARY OF QUANTITES

HORIZONTAL SCALE	BRIDGE FILE
N/A	P000-40-07088 C
VERTICAL SCALE	DESIGNATION
N/A	2200148
DRAWING NO.	SHEETS
	10 of 10
CONTRACT	PROJECT
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