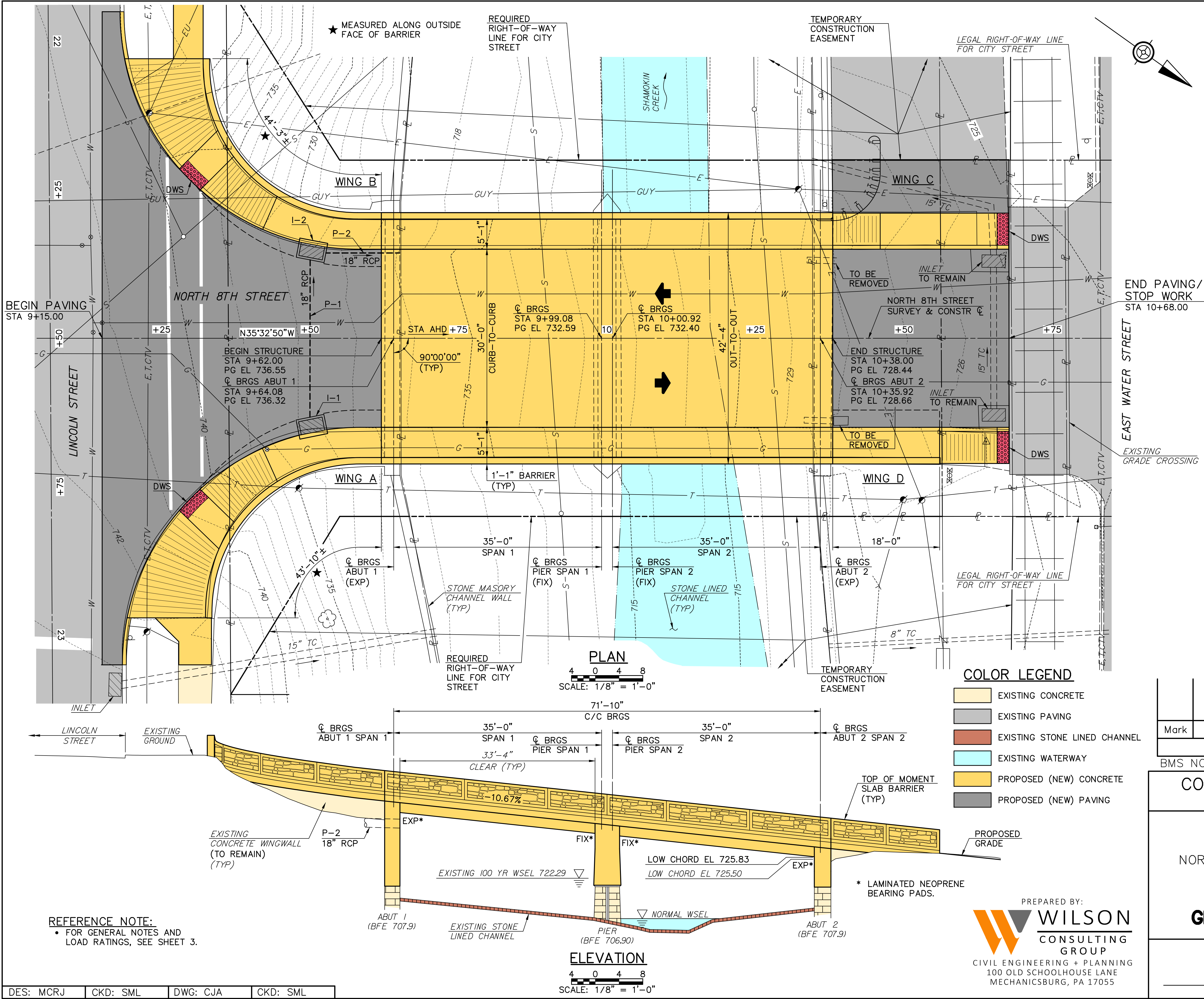


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HYDRAULIC DATA:	
EXISTING	PROPOSED
DRAINAGE AREA = 38.0 SQ. MI.	DRAINAGE AREA = 38.0 SQ. MI.
DESIGN FLOOD	DESIGN FLOOD
MAGNITUDE = 1,786 C.F.S.	MAGNITUDE = 1,786 C.F.S.
FREQUENCY = 10 YEARS	FREQUENCY = 10 YEARS
VELOCITY = 5.85 FT/SEC.	VELOCITY = 5.85 FT/SEC.
W.S. EL. = 720.71	W.S. EL. = 720.71
100 YEAR	100 YEAR
MAGNITUDE = 3,807 C.F.S.	MAGNITUDE = 3,807 C.F.S.
FREQUENCY = 100 YEARS	FREQUENCY = 100 YEARS
VELOCITY = 7.86 FT/SEC.	VELOCITY = 7.86 FT/SEC.
W.S. EL. = 723.29	W.S. EL. = 723.29

STRUCTURE DATA:
EXISTING STRUCTURE DATA
YEAR BUILT: 1937
YEAR RECONSTRUCTED: 1977
TYPE: REINFORCED CONCRETE T-BEAMS ON
STONE FACED CONCRETE ABUTMENTS AND PIER
STATION: 10+00 (C/PIER)
SPAN: 2 @ 33'-4" CLEAR
SKEW: 90°
UNDERCLEARANCE: 8'-6"
CLEAR ROADWAY WIDTH: 30'-0"

PROPOSED STRUCTURE DATA
TYPE: TWO SPAN COMPOSITE P/S
CONCRETE SPREAD BOX BEAM BRIDGE
STRUCTURE NO: S-XXXXX
STATION: 10+00 (C/PIER)
SPAN: 2 @ 33'-4" C/C BRG
SKEW: 90°
UNDERCLEARANCE: 8'-6"
CLEAR ROADWAY WIDTH: 30'-0"

HORIZONTAL GEOMETRY
BRIDGE IS ENTIRELY ON A TANGENT
BETWEEN STA 8+00 AND STA 12+00 BEARING
N35°32'50"W

VERTICAL GEOMETRY
PVI STA 9+27.00 PVI STA 10+67.69
ELEV 740.28 ELEV 725.27
VC 15.00' NO CURVE
MO -0.06%
-10.67%

LEGEND
--- 730 --- EXISTING CONTOUR
--- EXISTING EDGE OF STREAM
➔ DIRECTION OF TRAFFIC

COLOR LEGEND	
	EXISTING CONCRETE
	EXISTING PAVING
	EXISTING STONE LINED CHANNEL
	EXISTING WATERWAY
	PROPOSED (NEW) CONCRETE
	PROPOSED (NEW) PAVING

Mark	Description	By	Chk'd.	Recm'd.	Date
REVISIONS					

BMS NO. 49 7301 0008 0073 BRKEY 29395 MPMS:103928

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF TRANSPORTATION

CITY OF SHAMOKIN
NORTHUMBERLAND COUNTY
NORTH 8TH STREET - COUNTY BRIDGE NO. 73
STA 10+00.00
OVER SHAMOKIN CREEK

GENERAL PLAN AND ELEVATION

SHEET 1 OF 8

S-X

PREPARED BY:
WILSON
CONSULTING GROUP
CIVIL ENGINEERING + PLANNING
100 OLD SCHOOLHOUSE LANE
MECHANICSBURG, PA 17055

REFERENCE NOTE:
• FOR GENERAL NOTES AND
LOAD RATINGS, SEE SHEET 3.

DES: MCRJ CKD: SML DWG: CJA CKD: SML

- ① CITY OF SHAMOKIN
② SEDA COG JOINT RAIL AUTHORITY
③ HPT SHAMOKIN LP
④ THREE TREES LIMITED PARTNERSHIP
⑤ LAMPLIGHT LEASING LLC
⑥ GUISEPPE GALLINA AND CANDY GALLINA
⑦ BENJAMIN R. HOLTZAPPLE AND NATASHA M. HOLTZAPPLE
⑧ EDWARD A. SKEBA
⑨ LUIS GREGORIO
⑩ CHARLES A. SOUDERS II
⑪ CARAN MARIE CRESS MATTIS
⑫ ROBERT MATTIS JR AND CARAN MARIE CRESS MATTIS
⑬ CYNTHIA LOUISE POPEWCZAK
⑭ PAUL V. GROW AND PATRICIA A. CORCORAN
⑮ THE FIRST BAPTIST CHURCH OF SHAMOKIN
⑯ VINCE BROKUS
⑰ JESUS BEATO
⑱ WALTER DELAROSA
⑲ ROBERT J. SANDEI AND ANNETTE R. ZUKUS

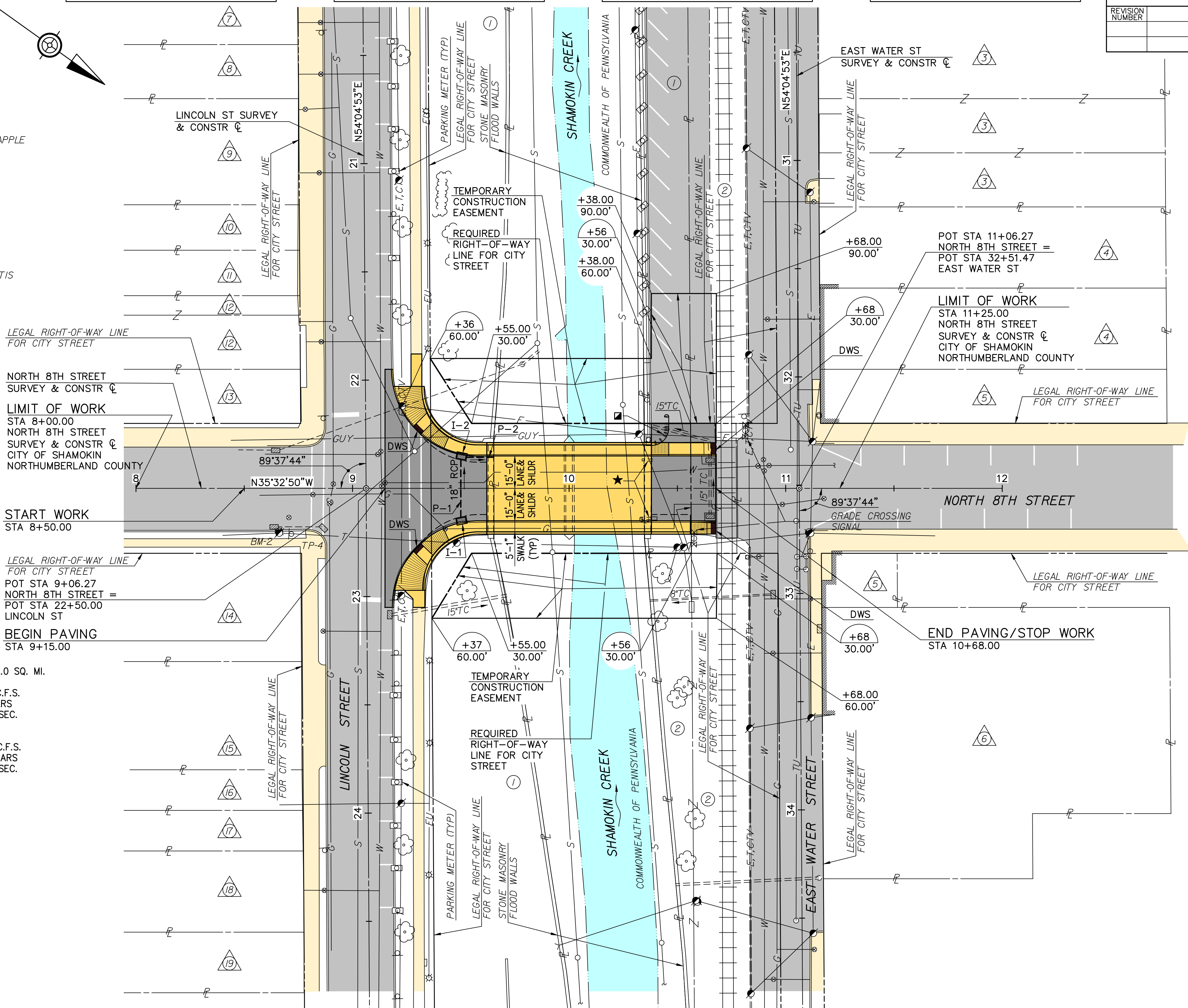
BM#2 ELEV 743.84 (NAVD 88)
STA 8+66.02, 20.05' RT
MAG SPIKE SET IN U.P. V-16

BM#3 ELEV 725.96 (NAVD 88)
STA 10+59.15, 190.92' RT
MAG SPIKE SET IN U.P. 33057-N22969

BM#4 ELEV 721.68 (NAVD 88)
STA 10+80.08, 419.35' LT
MAG SPIKE SET IN U.P. 33007-N22936

BM#1 ELEV 724.96 (NAVD 88)
STA 11+10.83, 20.39' RT
MAG SPIKE SET IN U.P. 33040-N22967

DISTRICT	COUNTY	ROUTE	SECTION	SHEET	
3-0	NORTHUMBERLAND	N8THST	001	2 OF 8	
CITY OF SHAMOKIN					
REVISION NUMBER	REVISIONS			DATE	BY



HYDRAULIC DATA:

EXISTING

DRAINAGE AREA = 38.0 SQ. MI.
DESIGN FLOOD
MAGNITUDE = 1,786 C.F.S.
FREQUENCY = 10 YEARS
VELOCITY = 5.85 FT/SEC.
W.S. EL. = 720.71
100 YEAR
MAGNITUDE = 3,807 C.F.S.
FREQUENCY = 100 YEARS
VELOCITY = 7.86 FT/SEC.
W.S. EL. = 723.29

PROPOSED

DRAINAGE AREA = 38.0 SQ. MI.
DESIGN FLOOD
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FREQUENCY = 10 YEARS
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100 YEAR
MAGNITUDE = 3,807 C.F.S.
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EXISTING STRUCTURE DATA

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YEAR RECONSTRUCTED: 1977
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STONE FACED CONCRETE ABUTMENTS AND PIER
STATION: 10+00 (Q PIER)
SPAN: 2 @ 33'-4" CLEAR
SKEW: 90°
UNDERCLEARANCE: 8'-6"
CLEAR ROADWAY WIDTH: 30'-0"

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TYPE: TWO SPAN COMPOSITE P/S
CONCRETE SPREAD BOX BEAM BRIDGE
STRUCTURE NO: S-XXXX
STATION: 10+00 (Q PIER)
SPAN: 2 @ 33'-4" CLEAR
SKEW: 90°
UNDERCLEARANCE: 8'-6"
CLEAR ROADWAY WIDTH: 30'-0"

THREE-BEAM GUIDE RAIL
TO BRIDGE BARRIER
TRANSITION (MODIFIED)

EXISTING PIPES
AND INLETS TO
BE REMOVED

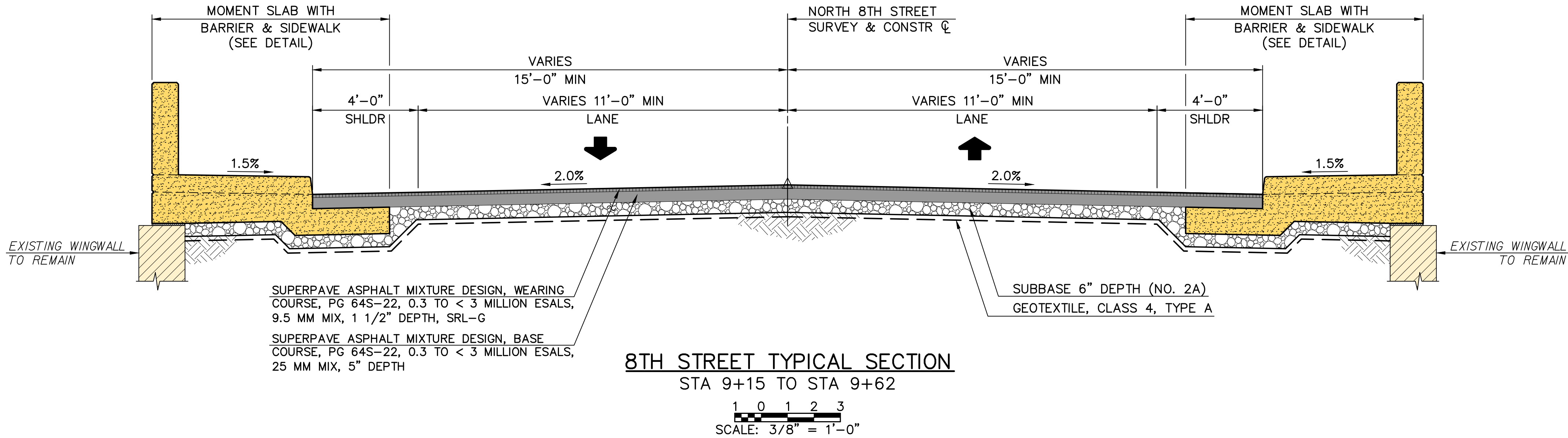
COLOR LEGEND

- EXISTING CONCRETE
- EXISTING PAVING
- EXISTING WATERWAY
- PROPOSED (NEW) CONCRETE
- PROPOSED (NEW) PAVING

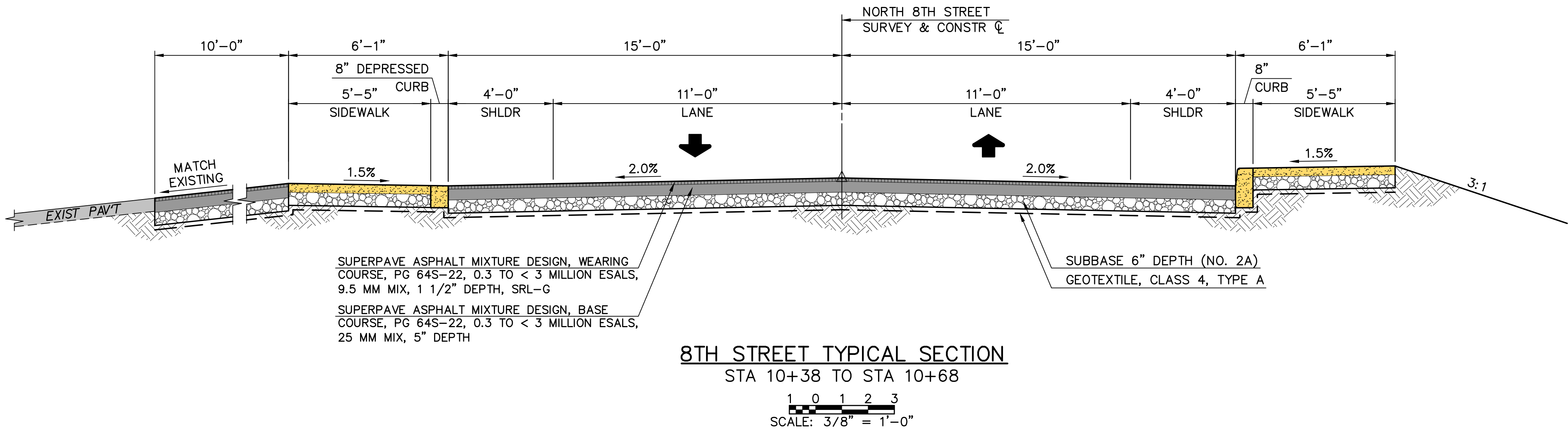
PLAN

0 25 50 FEET

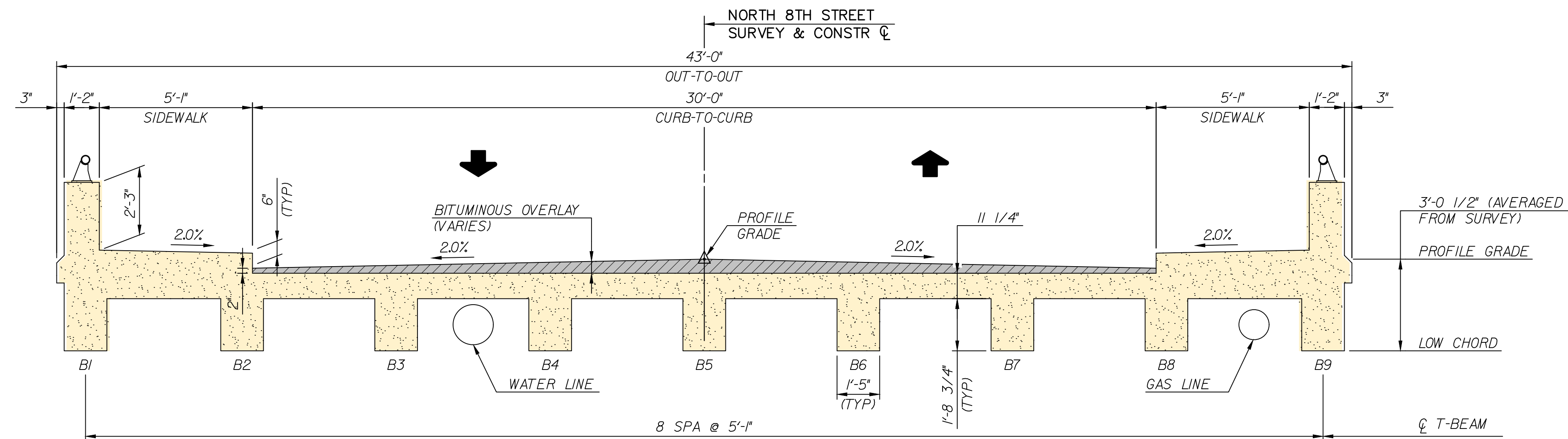
DISTRICT	COUNTY	ROUTE	SECTION	SHEET	
3-0	NORTHUMBERLAND	N8THST	001	3 OF 8	
CITY OF SHAMOKIN					
REVISION NUMBER	REVISIONS			DATE	BY



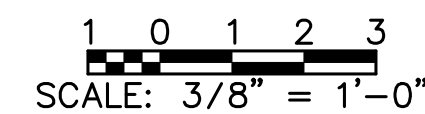
COLOR LEGEND	
	EXISTING CONCRETE
	EXISTING PAVING
	PROPOSED (NEW) CONCRETE
	PROPOSED (NEW) PAVING



DISTRICT	COUNTY	ROUTE	SECTION	SHEET	
3-0	NORTHUMBERLAND	N8THST	001	4 OF 8	
CITY OF SHAMOKIN					
REVISION NUMBER	REVISIONS			DATE	BY

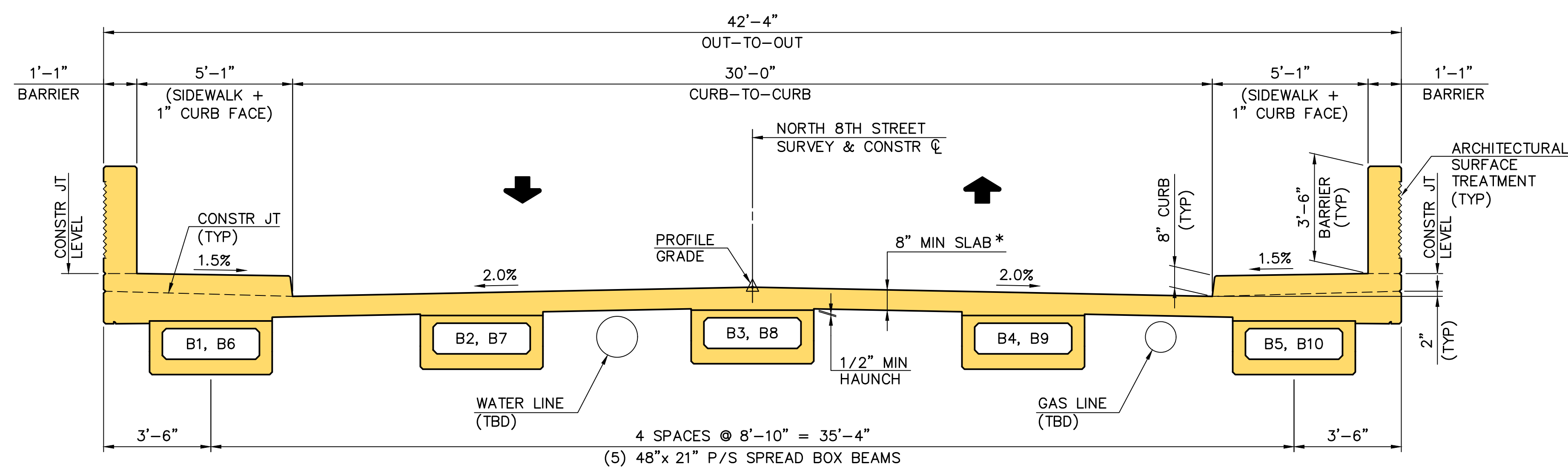


EXISTING BRIDGE TYPICAL SECTION
(YEAR BUILT: 1937)
(YEAR RECONSTRUCTED: 1977)

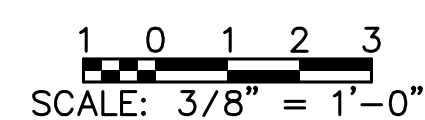


COLOR LEGEND

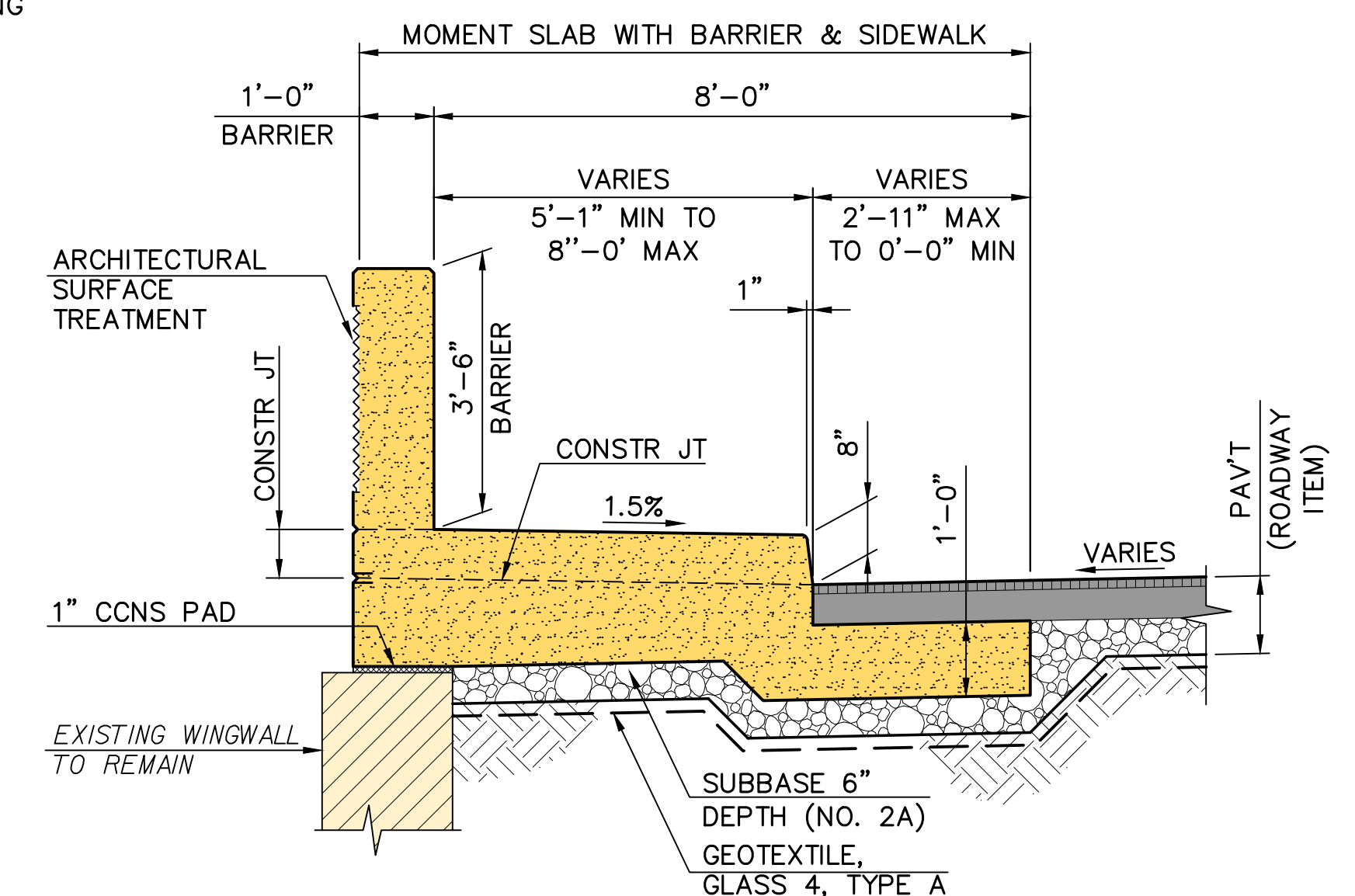
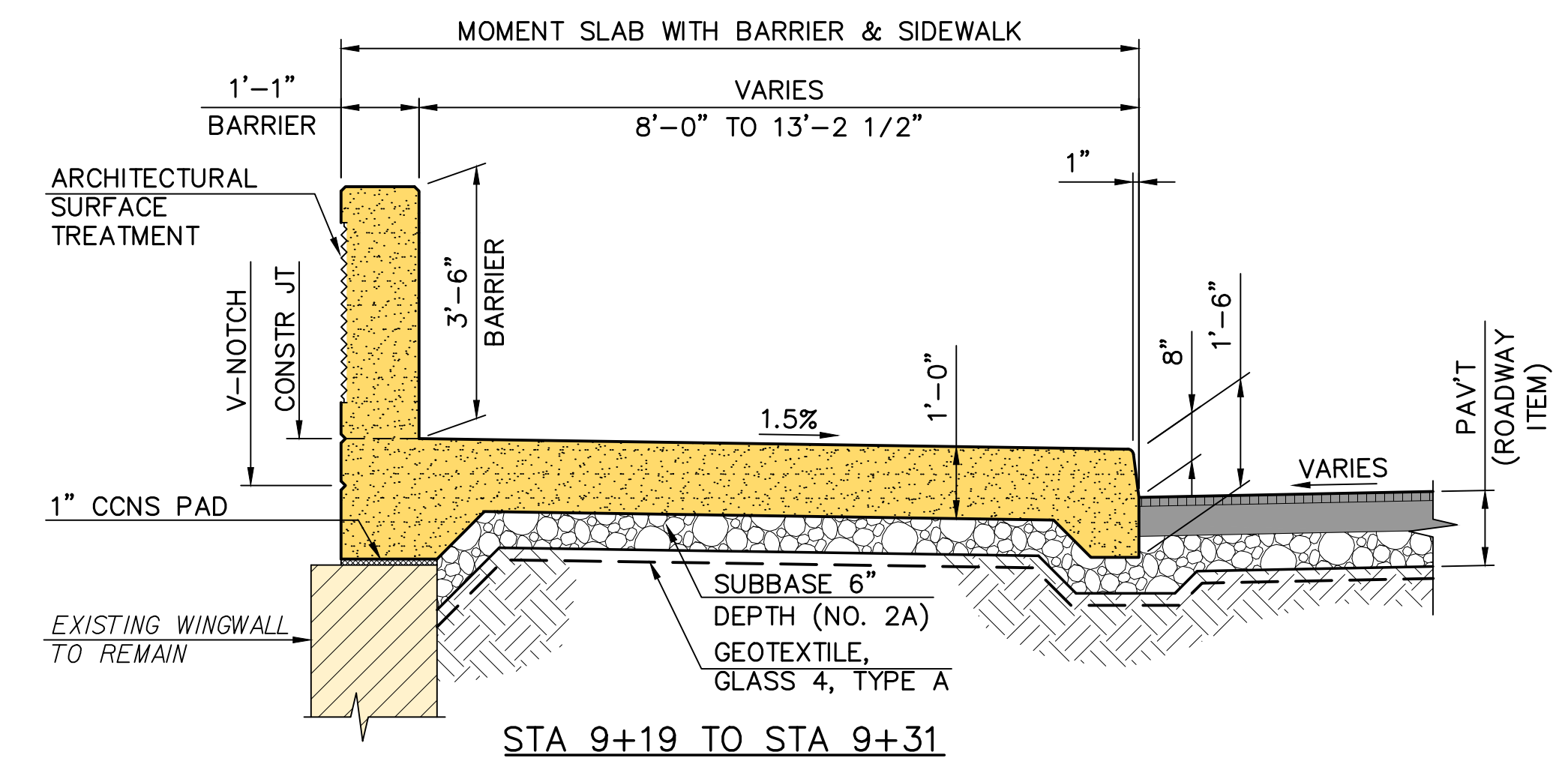
-  EXISTING CONCRETE
 EXISTING PAVING
 PROPOSED (NEW) CONCRETE
 PROPOSED (NEW) PAVING



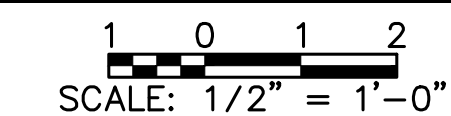
PROPOSED BRIDGE TYPICAL SECTION



* INCLUDES 1/2" INTEGRAL WEARING SURFACE



STA 9+31 TO STA 9+62
STA 10+38 RT TO STA 10+56 RT
MOMENT SLAB TYPICAL SECTIONS



PREPARED BY:

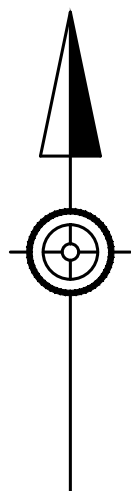


WILSON

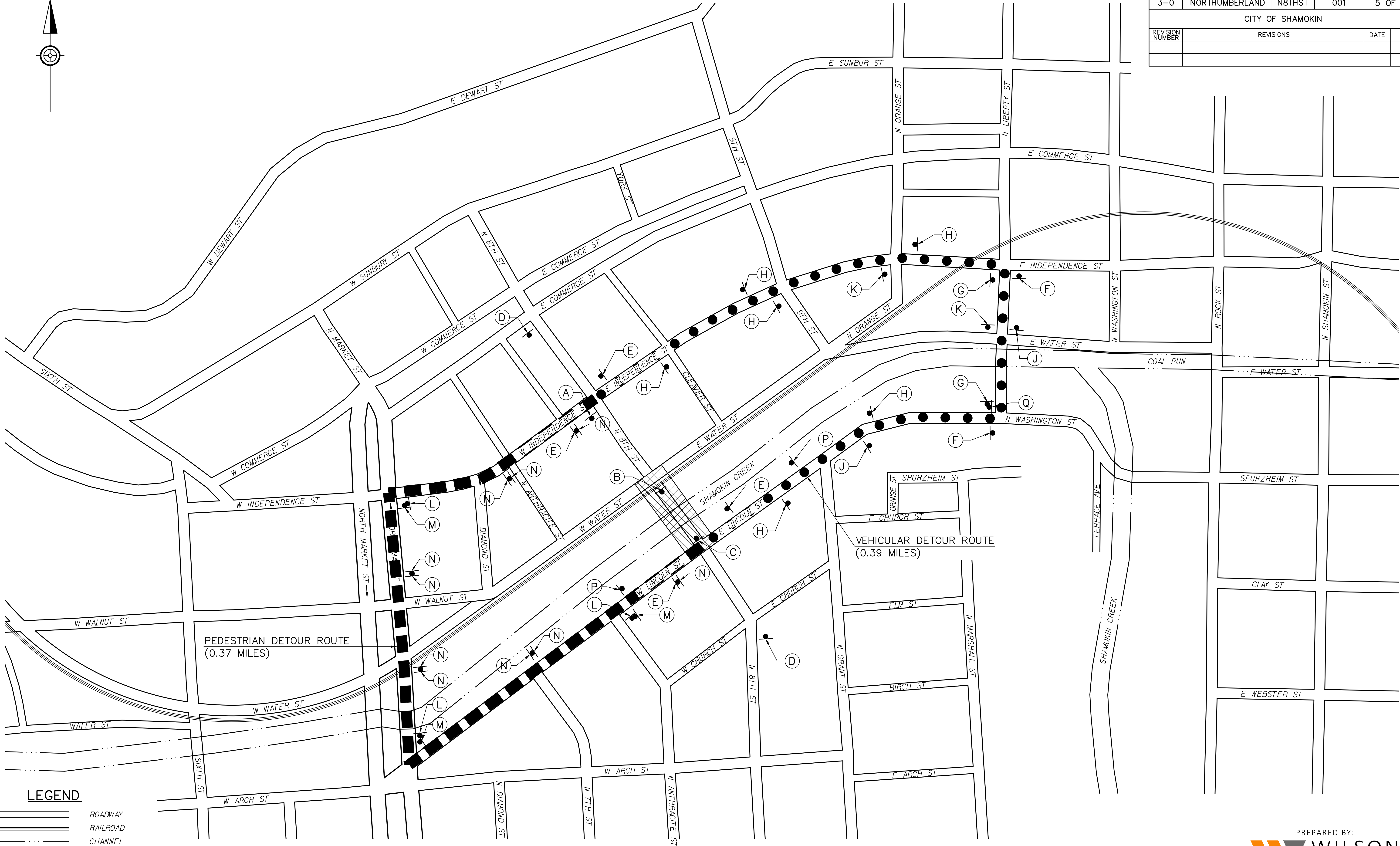
**CONSULTING
GROUP**

CIVIL ENGINEERING + PLANNING
100 OLD SCHOOLHOUSE LANE
MECHANICSBURG, PA 17055

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DISTRICT	COUNTY	ROUTE	SECTION	SHEET	
3—0	NORTHUMBERLAND	N8THST	001	5 OF 8	
CITY OF SHAMOKIN					
REVISION NUMBER	REVISIONS			DATE	BY



LEGEND



ROADWAY



RAILROAD



CHANNEL



PROJECT LOCATION



PEDESTRIAN DETOUR ROUTE



VEHICULAR DETOUR ROUTE



TRAFFIC CONTROL SIGN

- NOTES
- PROVIDE SUFFICIENT TYPE III BARRICADES TO ENTIRELY CLOSE THE ROADWAY.
 - PLACE SIGN ASSEMBLY TWO (2) WEEKS PRIOR TO THE DETOUR BEING IMPLIMENTED.

PRELIMINARY TRAFFIC CONTROL PLAN

DETOUR ROUTES

1000

0

100

SCALE: 1" = 100'

PREPARED BY:

**WILSON**

CONSULTING GROUP

CIVIL ENGINEERING + PLANNING

100 OLD SCHOOLHOUSE LANE

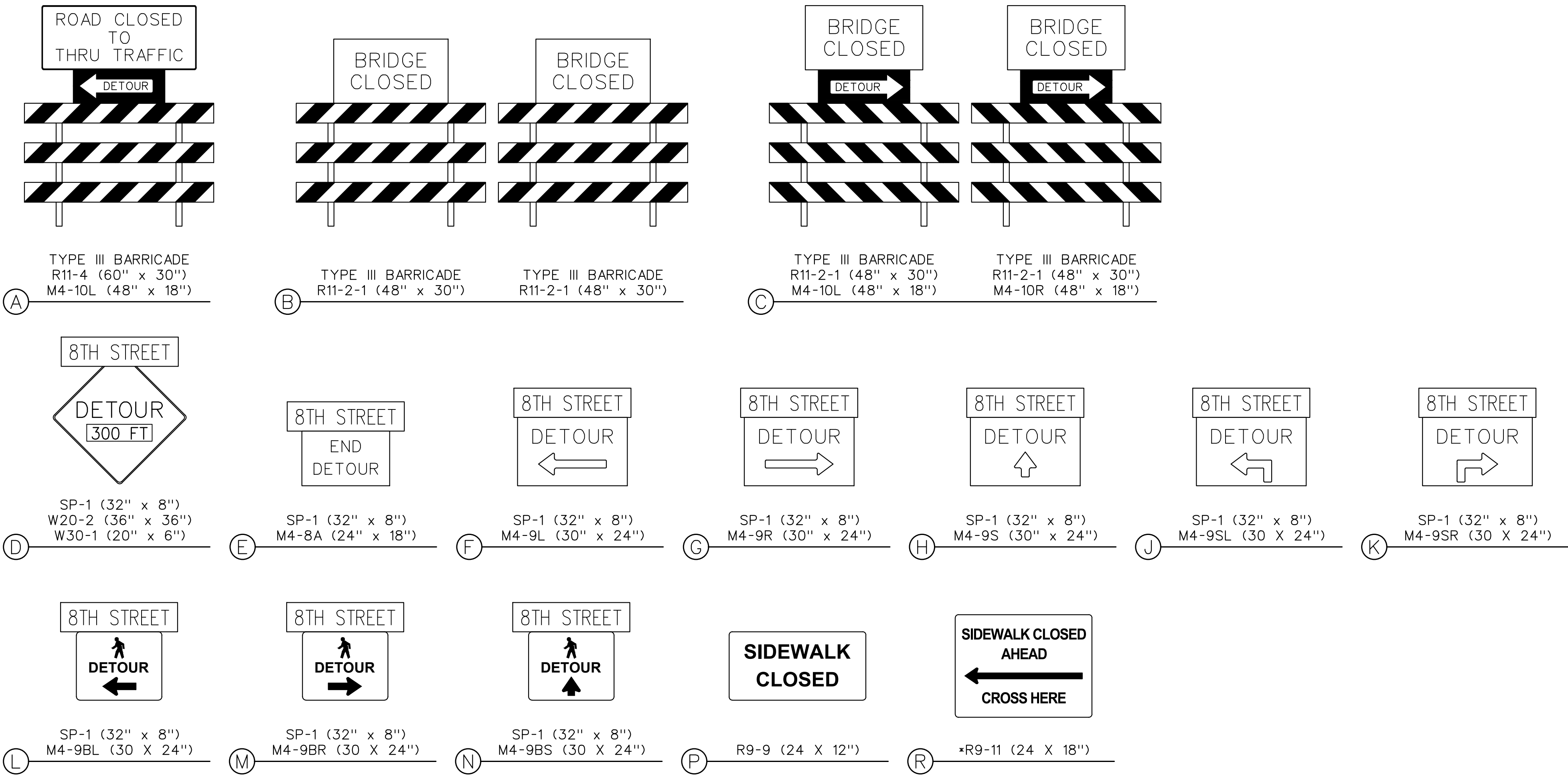
MECHANICSBURG, PA 17055

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
3-0	NORTHUMBERLAND	N8THST	001	6 OF 8
CITY OF SHAMOKIN				
REVISION NUMBER	REVISIONS			DATE BY

PRELIMINARY TRAFFIC CONTROL PLAN
DETOUR SIGNAGE

TABULATION OF TRAFFIC CONTROL SIGNS AND DEVICES INCLUDED IN ITEM 0901-0001 (VEHICULAR DETOUR ROUTE) (FOR INFORMATION ONLY)						
PUB 236/MUTCD DESIGNATION	DESCRIPTION	SIZE	QUANTITY	PLAN SYMBOL	LEGEND AND BORDER COLOR	BACKGROUND COLOR
M4-8A	END DETOUR SIGN	24" X 18"	4	E	BLACK	ORANGE
M4-9L	DETOUR SIGN, LEFT	30" X 24"	2	F	BLACK	ORANGE
M4-9R	DETOUR SIGN, RIGHT	30" X 24"	2	G	BLACK	ORANGE
M4-9S	DETOUR SIGN, STRAIGHT	30" X 24"	6	H	BLACK	ORANGE
M4-9SL	LEFT ADVANCE DETOUR SIGN	30" X 24"	2	J	BLACK	ORANGE
M4-9SR	RIGHT ADVANCE DETOUR SIGN	30" X 24"	2	K	BLACK	ORANGE
M4-10L	DETOUR ARROW LEFT SIGN	48" X 18"	1	A	BLACK	ORANGE
M4-10R	DETOUR ARROW RIGHT SIGN	48" X 18"	2	C	BLACK	ORANGE
R11-2-1	BRIDGE CLOSED SIGN	48" X 30"	4	B,C	BLACK	WHITE
R11-4	ROAD CLOSED TO THRU TRAFFIC	60" X 30"	1	A	BLACK	WHITE
W20-2	ADVANCE DETOUR SIGN	36" X 36"	2	D	BLACK	ORANGE
W30-1	DISTANCE PANELS (300 FT)	20" X 6"	2	D	BLACK	ORANGE
SP-1	8TH STREET	32" X 8"	20	D,E,F,G,H,J,K	BLACK	ORANGE
TYPE III BARRICADE			5	A,B,C		

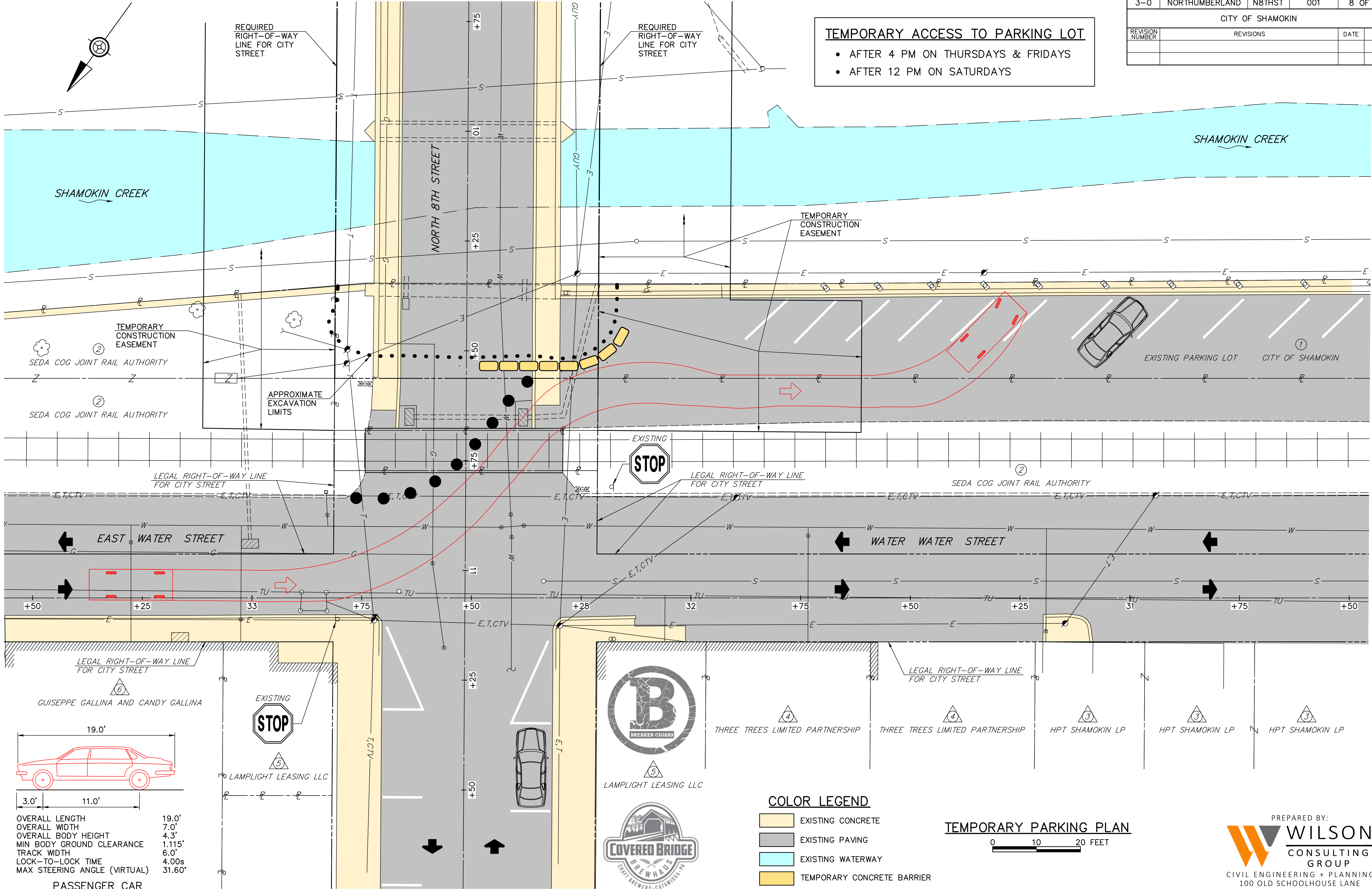
TABULATION OF TRAFFIC CONTROL SIGNS AND DEVICES INCLUDED IN ITEM 0901-0001 (PEDESTRIAN DETOUR ROUTE) (FOR INFORMATION ONLY)						
PUB 236/MUTCD DESIGNATION	DESCRIPTION	SIZE	QUANTITY	PLAN SYMBOL	LEGEND AND BORDER COLOR	BACKGROUND COLOR
M4-9BL	PEDESTRIAN DETOUR SIGN, LEFT	30" X 24"	3	L	BLACK	ORANGE
M4-9BR	PEDESTRIAN DETOUR SIGN, RIGHT	30" X 24"	3	M	BLACK	ORANGE
M4-9BS	PEDESTRIAN DETOUR SIGN, STRAIGHT	30" X 24"	10	N	BLACK	ORANGE
R9-9	SIDEWALK CLOSED SIGN	24" X 12"	2	P	BLACK	ORANGE
R9-11	SIDEWALK CLOSED AHEAD CROSS HERE SIGN	24" X 18"	1	R	BLACK	ORANGE
SP-1	8TH STREET	32" X 8"	16	L,M,N	BLACK	ORANGE



SIGN ASSEMBLY DETAILS

*COVER "ARROW" SYMBOL AND "CROSS HERE" TEXT

DISTRICT	COUNTY	ROUTE	SECTION	SHEET	
3—0	NORTHUMBERLAND	N8THST	001	8 OF 8	
CITY OF SHAMOKIN					
REVISION NUMBER	REVISIONS			DATE	BY



TEMPORARY ACCESS TO PARKING LOT

- AFTER 4 PM ON THURSDAYS & FRIDAYS
- AFTER 12 PM ON SATURDAYS

TEMPORARY CONSTRUCTION EASEMENT

SEDA COG JOINT RAIL AUTHORITY

SEDA COG JOINT RAIL AUTHORITY

REQUIRED RIGHT-OF-WAY LINE FOR CITY STREET

REQUIRED RIGHT-OF-WAY LINE FOR CITY STREET

SHAMOKIN CREEK

NORTH 8TH STREET

TEMPORARY CONSTRUCTION EASEMENT

EXISTING PARKING LOT CITY OF SHAMOKIN

EXISTING STOP

LEGAL RIGHT-OF-WAY LINE FOR CITY STREET

LEGAL RIGHT-OF-WAY LINE FOR CITY STREET

SEDA COG JOINT RAIL AUTHORITY

EAST WATER STREET

WATER WATER STREET

LEGAL RIGHT-OF-WAY LINE FOR CITY STREET

LEGAL RIGHT-OF-WAY LINE FOR CITY STREET

GUISEPPE GALLINA AND CANDY GALLINA

EXISTING STOP

LAMPLIGHT LEASING LLC

B BREAKER CIGARS

LAMPLIGHT LEASING LLC

COVERED BRIDGE BREWHOUSE

THREE TREES LIMITED PARTNERSHIP

THREE TREES LIMITED PARTNERSHIP

HPT SHAMOKIN LP

HPT SHAMOKIN LP

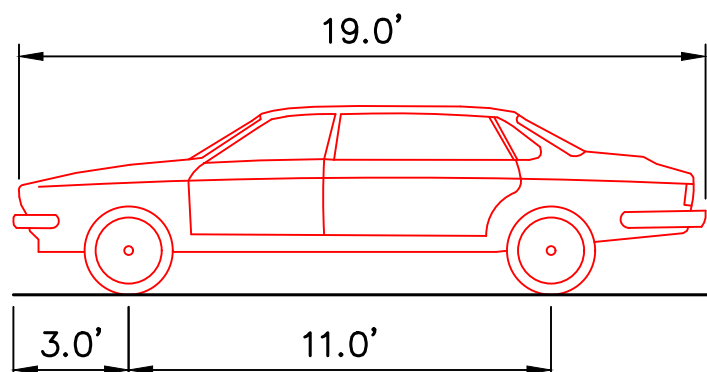
HPT SHAMOKIN LP

COLOR LEGEND

- EXISTING CONCRETE
- EXISTING PAVING
- EXISTING WATERWAY
- TEMPORARY CONCRETE BARRIER

TEMPORARY PARKING PLAN

0 10 20 FEET



OVERALL LENGTH 19.0'

OVERALL WIDTH 7.0'

OVERALL BODY HEIGHT 4.3'

MIN BODY GROUND CLEARANCE 1.115'

TRACK WIDTH 6.0'

LOCK-TO-LOCK TIME 4.00s

MAX STEERING ANGLE (VIRTUAL) 31.60°

PASSENGER CAR

PREPARED BY:

WILSON

CONSULTING GROUP

CIVIL ENGINEERING + PLANNING

100 OLD SCHOOLHOUSE LANE

MECHANICSBURG, PA 17055