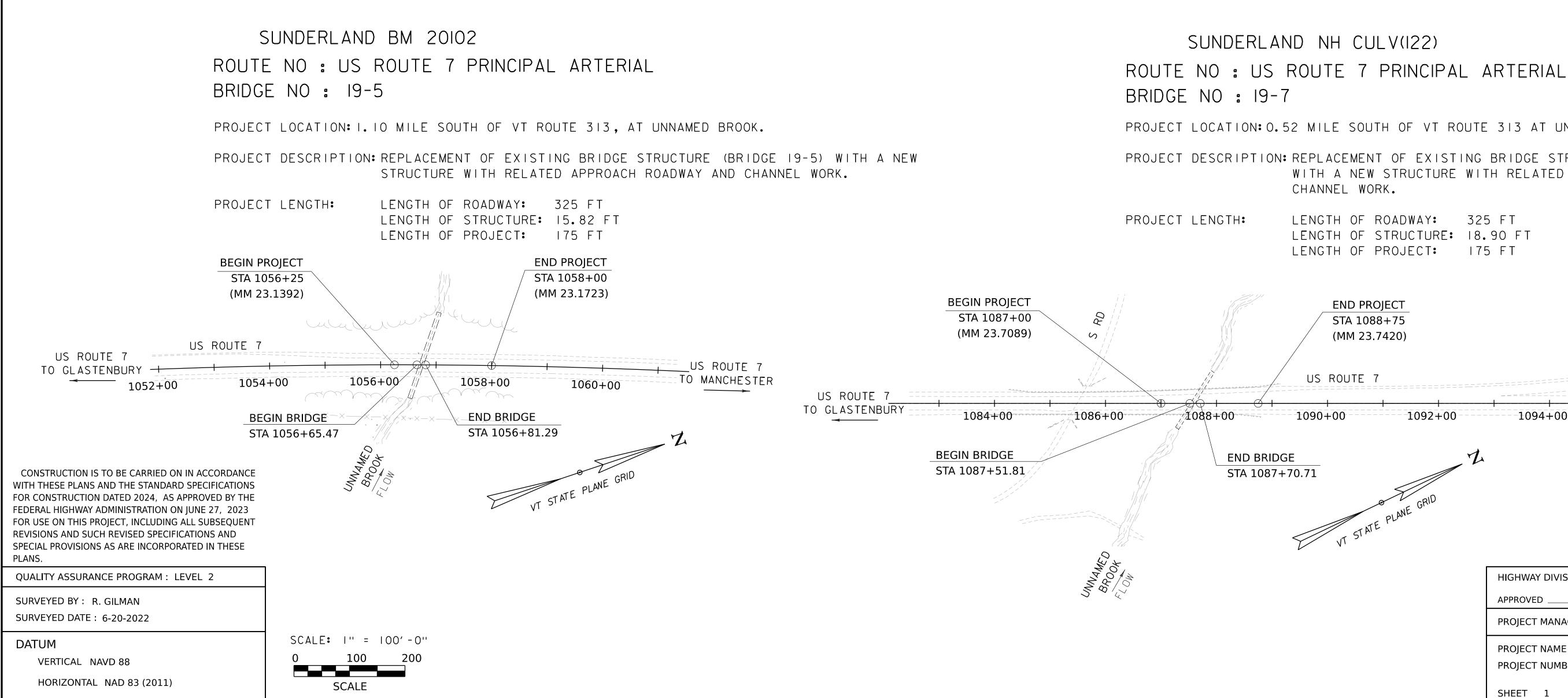
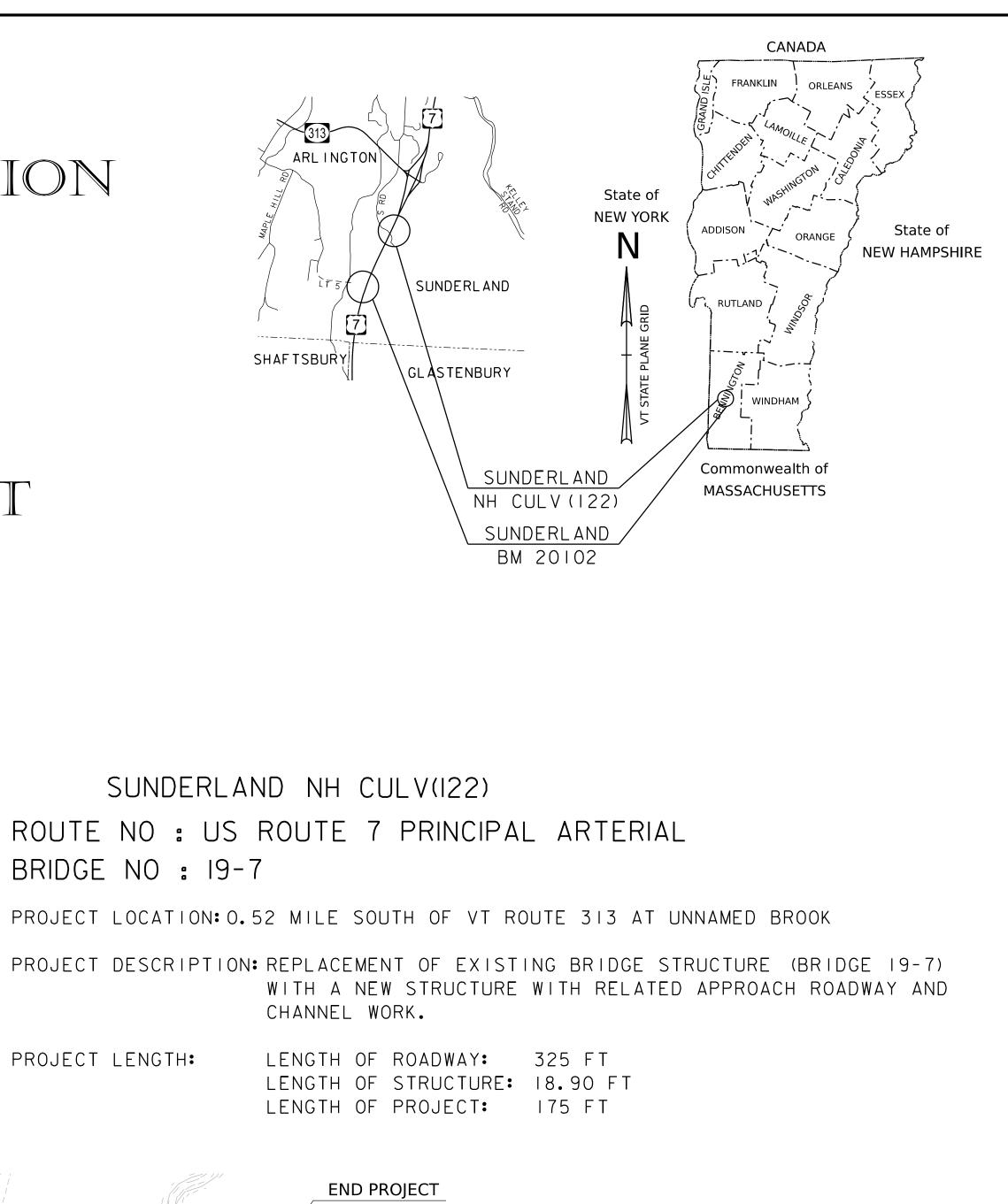
REVIEWER NOTES:

- I. NO ROW IMPACTS ARE ANTICIPATED.
- 2. DUE TO CHALLENGES IN PROCURING SAND FOR CONSTRUCTION, NO SAND IS REQUIRED FOR THE ROADWAY BASE.DENSE GRADED CRUSHED STONE SHALL BE CONSTRUCTED TO THE LIMIT OF THE DESIGN FROST DEPTH AS INDICATED ON THE TYPICAL SECTIONS.
- 3. FOR BM 20102. THE PROJECTED AREA OF DISTURBANCE WITHIN THE SLOPE LIMITS IS 0.6 AC. THE PROJECTED AREA OF DISTURBANCE INCLUDING TEMPORARY CONSTRUCTION CONSIDERATION IS 0.8 AC.
- 4.FOR NH CULV(122), THE PROJECTED AREA OF DISTURBANCE WITHIN THE SLOPE LIMITS IS 0.7 AC. THE PROJECTED AREA OF DISTURBANCE INCLUDING TEMPORARY CONSTRUCTION CONSIDERATION IS 0.9 AC.
- 5. FOR NH CULV(122) GUARDRAIL DESIGN ASSUMES MATCH TO EXISTING 29" RAIL TO THE SOUTH.
- 6. REFER TO TRAFFIC MEMORANDUM FOR DETOUR SUPPORTING INFORMATION. DETOUR PLAN, AND/OR OVERSIZE VEHICLE ADVANCE SIGNING TO BE FINALIZED AT PRELIMINARY WITH CONCURRENCE.



STATE OF VERMONT AGENCY OF TRANSPORTATION

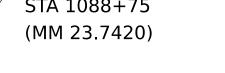




PROPOSED IMPROVEMENT

BRIDGE PROJECT

TOWN OF SUNDERLAND COUNTY OF BENNINGTON



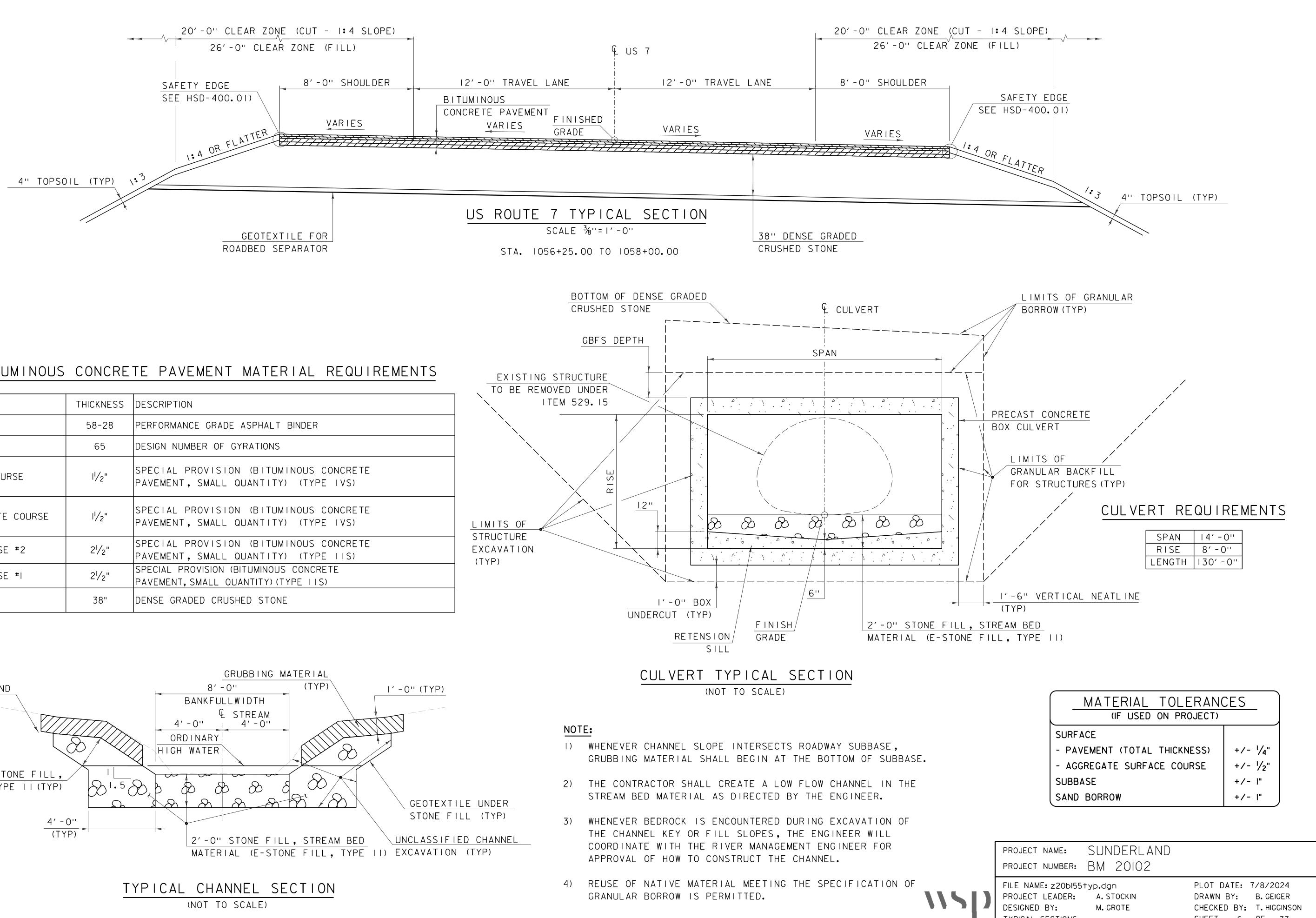
EXIT 3 SB ON RAMP FROM VT ROUTE 313 US ROUTE 7 1094 + 00TO MANCHESTER

> **CONCEPTUAL PLANS** 7/8/2024

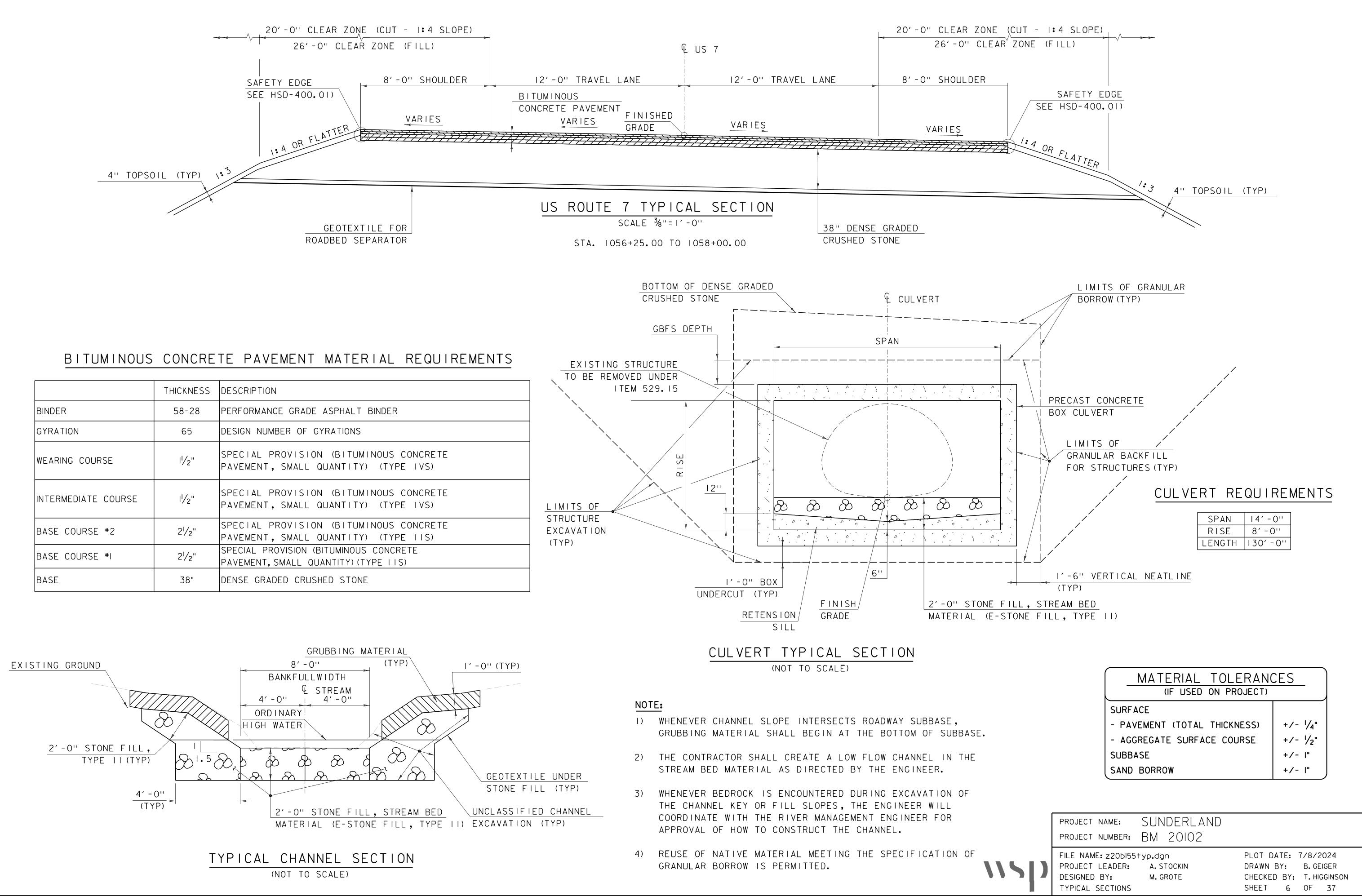
HIGHWAY DIVISION, CHIEF ENGINEER APPROVED DATE PROJECT MANAGER : G. LAROCHE P.E. PROJECT NAME : SUNDERLAND PROJECT NUMBER : BM 20102 & NH CULV(122) SHEET 1 OF 37 SHEETS

GENERAL INFORMATION	COMMON TOPOGRAPHIC POINT SYMBOLS	UTILITY SYMBOLOGY	EPS
SYMBOLOGY LEGEND NOTE	POINT CODE DESCRIPTION	UNDERGROUND UTILITIES	EPS
THE SYMBOLOGY ON THIS SHEET IS INTENDED TO COVER	APL BOUND APPARENT LOCATION		0
STANDARD CONVENTIONAL SYMBOLOGY. THE SYMBOLOGY IS	BM BENCHMARK		a
USED FOR EXISTING & PROPOSED FEATURES WITH HEAVIER	BND BOUND		a
LINEWEIGHT, IN COMBINATION WITH PROJECT ANNOTATION, AS NOTED ON PROJECT PLAN SHEETS. THIS LEGEND	CB CATCH BASIN	<i>UC CABLE (TV)</i>	►
SHEET COVERS THE BASICS. SYMBOLOGY ON PLANS MAY	COMB COMBINATION POLE		
VARY, PLAN ANNOTATIONS AND NOTES SHOULD BE	DITHR DROP INLET THROATED DNC		
USED TO CLARIFY AS NEEDED.	C EL ELECTRIC POWER POLE		
	• FPOLE FLAGPOLE		\square
	• GASFIL GAS FILLER		SEE
	○ GP GUIDE POST ⋈ GSO GAS SHUT OFF	W $$	
	 GUY GUY		
	◦ GUYW GUY WIRE	ABOVE GROUND UTILITIES (AERIAL)	
		- AGU UTILITY (GENERIC-UNKNOWN)	ENV
	B TREE HARDWOOD	- T $-$ T $-$ TELEPHONE	-
	A HCTRL CONTROL HORIZONTAL	E $$ ELECTRIC	-
	A HVCTRL CONTROL HORIZ. & VERTICAL	C $$ CABLE (TV)	-
	◇ HYD HYDRANT	- EC ELECTRIC+CABLE	-
	◎ IP IRON PIN	- ET ELECTRIC+TELEPHONE	—
		- AER E&T - · · ELECTRIC+TELEPHONE	н —
	👳 LI LIGHT - STREET OR YARD	- CT - CABLE+TELEPHONE	-
	d MB MAILBOX	ECT ELECTRIC+CABLE+TELEP.	_
	• MH MANHOLE (MH)		-
	MM MILE MARKER		-
	PM PARKING METER		-
	PMK PROJECT MARKER	PROJECT CONSTRUCTION SYMBOLOGY	-
	• POST POST STONE/WOOD	PROJECT DESIGN & LAYOUT SYMBOLOGY	
	් RRSIG RAILROAD SIGNAL + RRSL RAILROAD SWITCH LEVER		
	← RRSL RAILROAD SWITCH LEVER	CZ CLEAR ZONE PLAN LAYOUT MATCH LINE	ARC
	⇒ SAT SATELLITE DISH		-
	SHRUB SHRUB		-
	र SIGN SIGN	PROJECT CONSTRUCTION FEATURES	_
	凡 STUMP STUMP	$\frac{\Delta \Delta \Delta \Delta}{\Delta \Delta} \text{TOP OF CUT SLOPE}$	
	- TEL TELEPHONE POLE	G → O → O TOE OF FILL SLOPE	
	∘ TIE TIE	8° 8° 8° 8° 8° STONE FILL	
	TSIGN SIGN W/DOUBLE POST	BOTTOM OF DITCH &	00
	A VCTRL CONTROL VERTICAL	========: CULVERT PROPOSED	ΕX
R.O.W. ABBREVIATIONS (CODES) & SYMBOLS	∘ WELL WELL	STRUCTURE SUBSURFACE	
POINT CODE DESCRIPTION	⋈ WSO WATER SHUT OFF	PDF	_
CH CHANNEL EASEMENT		BF BF BARRIER FENCE	_
CONST CONSTRUCTION EASEMENT	THESE ARE COMMON VAOT SURVEY POINT SYMBOLS	XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX	_
CUL CULVERT EASEMENT	FOR EXISTING FEATURES, ALSO USED FOR PROPOSED	///////// STRIPING LINE REMOVAL	_
D&C DISCONNECT & CONNECT	FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION	~~~~~ SHEET PILES	×
DIT DITCH EASEMENT	WITH PROPOSED ANNOTATION.		C
DR DRAINAGE EASEMENT		CONVENTIONAL BOUNDARY SYMBOLOGY	(
DRIVE DRIVEWAY EASEMENT	PROPOSED GEOMETRY CODES		
EC EROSION CONTROL	CODE DESCRIPTION	BOUNDARY LINES	_
HWY HIGHWAY EASEMENT	PC POINT OF CURVATURE	TOWN BOUNDARY LINE	f
I&M INSTALL & MAINTAIN EASEMENT	PI POINT OF CORVATORE	COUNTY BOUNDARY LINE	
LAND LANDSCAPE EASEMENT	CC CENTER OF CURVE	STATE BOUNDARY LINE	-
R&RES REMOVE & RESET	PT POINT OF TANGENCY		C _
R&REP REMOVE & REPLACE	PCC POINT OF COMPOUND CURVE	PROPOSED STATE R.O.W.	-
SR SLOPE RIGHT	PRC POINT OF REVERSE CURVE	*** STATE ROW (LIMITED ACCESS)	(
UE UTILITY EASEMENT	POB POINT OF BEGINNING	STATE ROW	(
(P) PERMANENT EASEMENT	POE POINT OF ENDING	TOWN ROW	~
(T) TEMPORARY EASEMENT	STA STATION PREFIX	PERMANENT EASEMENT LINE (P)	
BNDNS BOUND SET	AH AHEAD STATION SUFFIX	— — — — — TEMPORARY EASEMENT LINE (T) ++	/
BNDNS BOUND TO BE SET	BK BACK STATION SUFFIX		
	D CURVE DEGREE OF (IOOFT)	L L PROPERTY LINE (P/L)	
IPNS IRON PIN SET	R CURVE RADUIS OF	<u>a sr o sr a sr</u> o slope rights	
© IPNS IRON PIN TO BE SET			
◎ IPNS IRON PIN TO BE SET⊠ CALC EXISTING ROW POINT	T CURVE TANGENT LENGTH		
 ◎ IPNS IRON PIN TO BE SET ▷ CALC EXISTING ROW POINT ○ PROW PROPOSED ROW POINT 	T CURVE TANGENT LENGTH L CURVE LENGTH OF	67 67 6F PROPERTY BOUNDARY	
◎ IPNS IRON PIN TO BE SET⊠ CALC EXISTING ROW POINT	T CURVE TANGENT LENGTH		PR

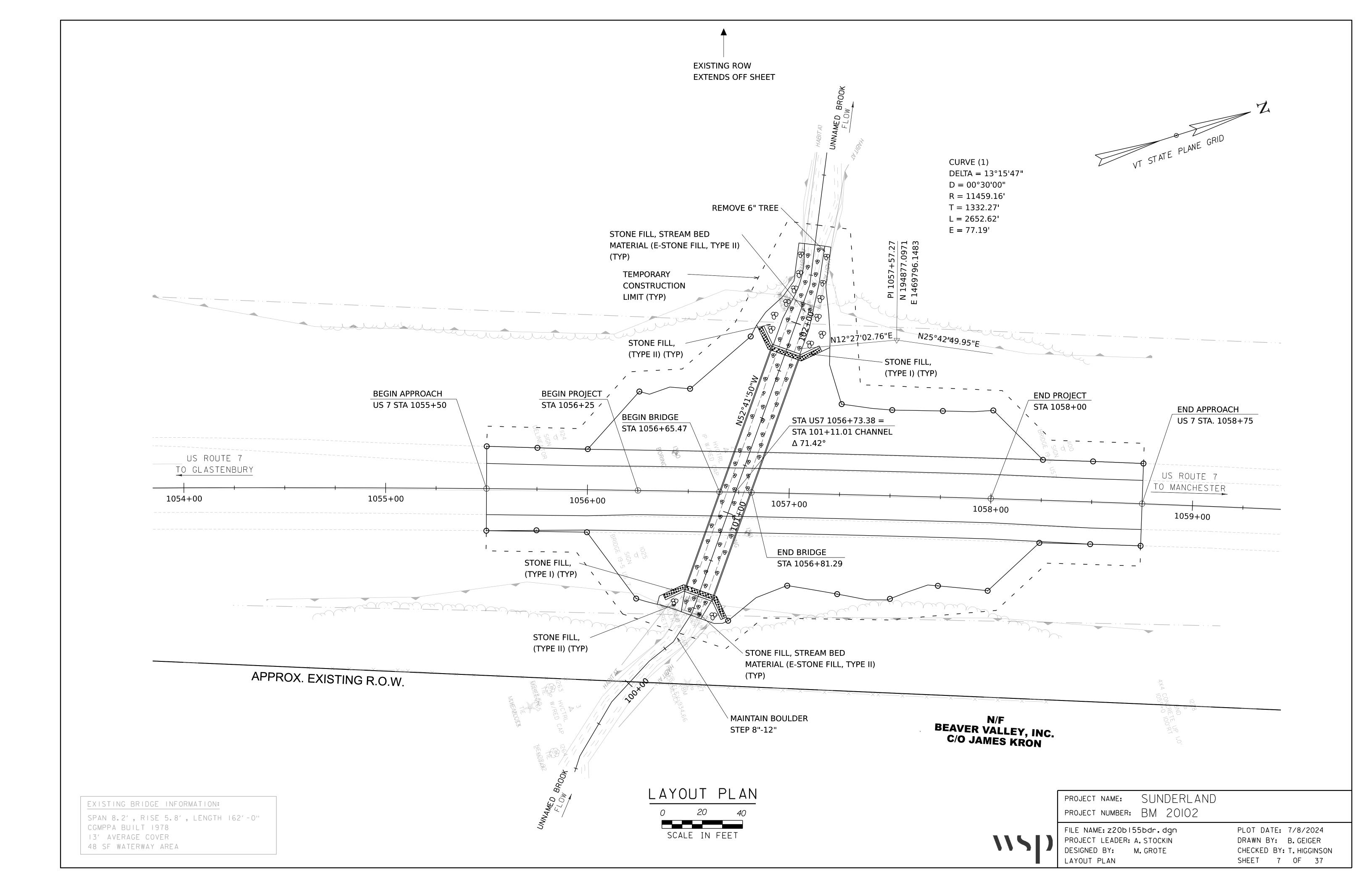
	EPSC LAYOUT PLAN SYMBOLOGY
	EPSC MEASURES
	ONNOONNO FILTER CURTAIN BILT FENCE
	► → ► → CHECK DAM
	DISTURBED AREAS REQUIRING RE-VEGETATION
	EROSION MATTING
	SEE EPSC DETAIL SHEETS FOR ADDITIONAL SYMBOLOGY
	ENVIRONMENTAL RESOURCES
	WETLAND BOUNDARY RIPARIAN BUFFER ZONE
	WETLAND BUFFER ZONE
	HAZHAZ HAZARDOUS WASTE AREA
	FLOOD PLAIN FLOOD PLAIN
I	
	WILDLIFE HABITAT SUIT/CONN
	ARCHEOLOGICAL & HISTORIC
	ARCHEOLOGICAL BOUNDARY
	HISTORIC DISTRICT BOUNDARY HISTORIC HISTORIC AREA
	HISTORIC STRUCTURE
	CONVENTIONAL TOPOGRAPHIC SYMBOLOGY EXISTING FEATURES
	ROAD EDGE PAVEMENT
CE	ROAD EDGE GRAVEL
Z)	DRIVEWAY EDGE
	FOUNDATION
	××× FENCE (EXISTING)
	oo
	GARDEN GARDAD GUARDRAIL
	THE RAILROAD TRACKS
ACCESS)	COCCOCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCCC
S)	WOOD LINE
	BRUSH LINE
(P)	HEDGE
(T)	LEDGE EXPOSED
	project name: SUNDERLAND project number: BM 20102 & NH CULV(122)
	FILE NAME: z20bl55legend.dgn PLOT DATE: 7/8/2024
	PROJECT LEADER: A. STOCKIN DRAWN BY: B. GEIGER DESIGNED BY: M. GROTE CHECKED BY: T. HIGGINSON

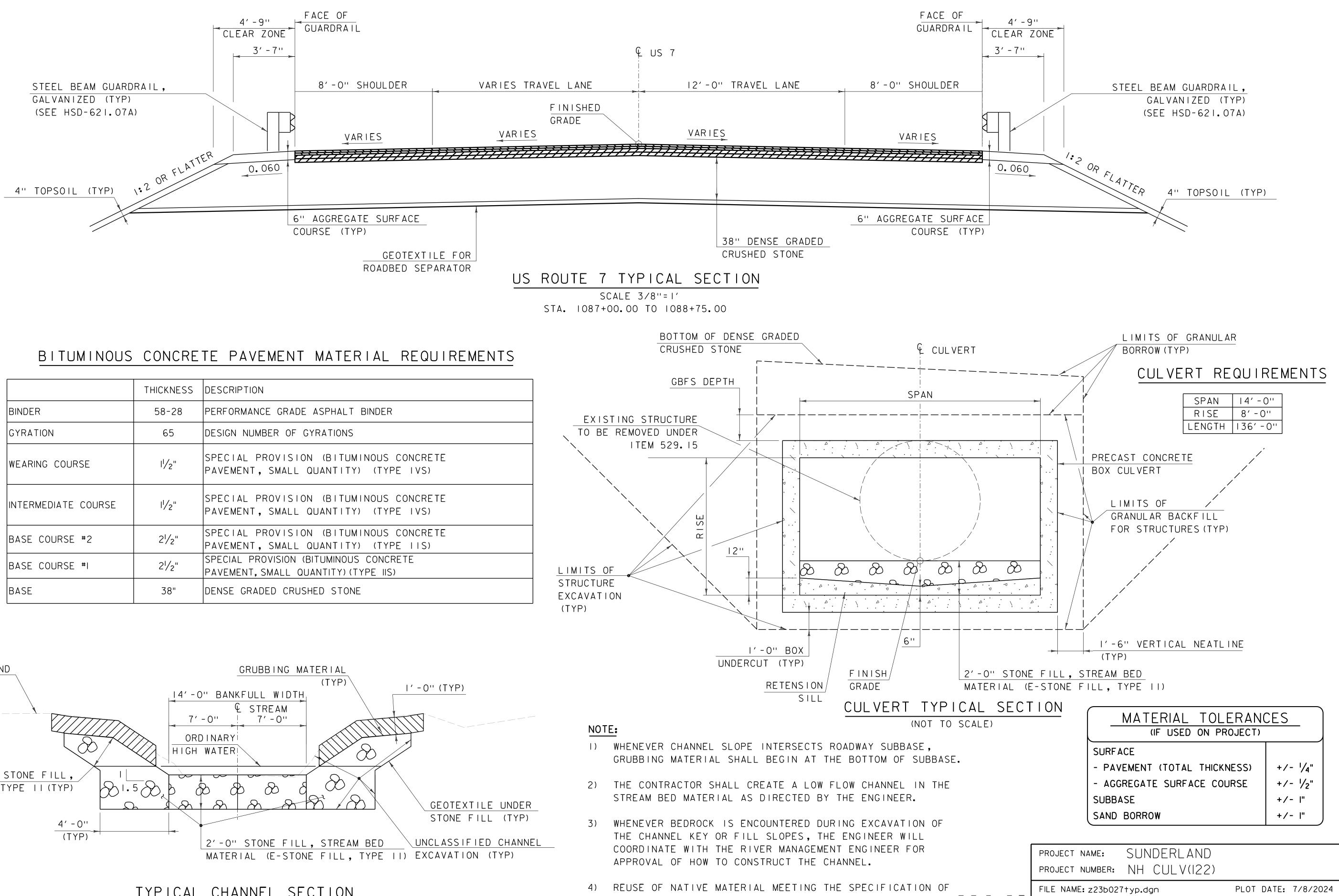


		-
	THICKNESS	DESCRIPTION
BINDER	58-28	PERFORMANCE GRADE ASPHALT BINDER
GYRATION	65	DESIGN NUMBER OF GYRATIONS
WEARING COURSE	/2"	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY) (TYPE IVS)
INTERMEDIATE COURSE	۱ ^۱ /2"	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY) (TYPE IVS)
BASE COURSE #2	2 ¹ /2"	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY) (TYPE IIS)
BASE COURSE #I	2 ¹ /2"	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY) (TYPE IIS)
BASE	38"	DENSE GRADED CRUSHED STONE

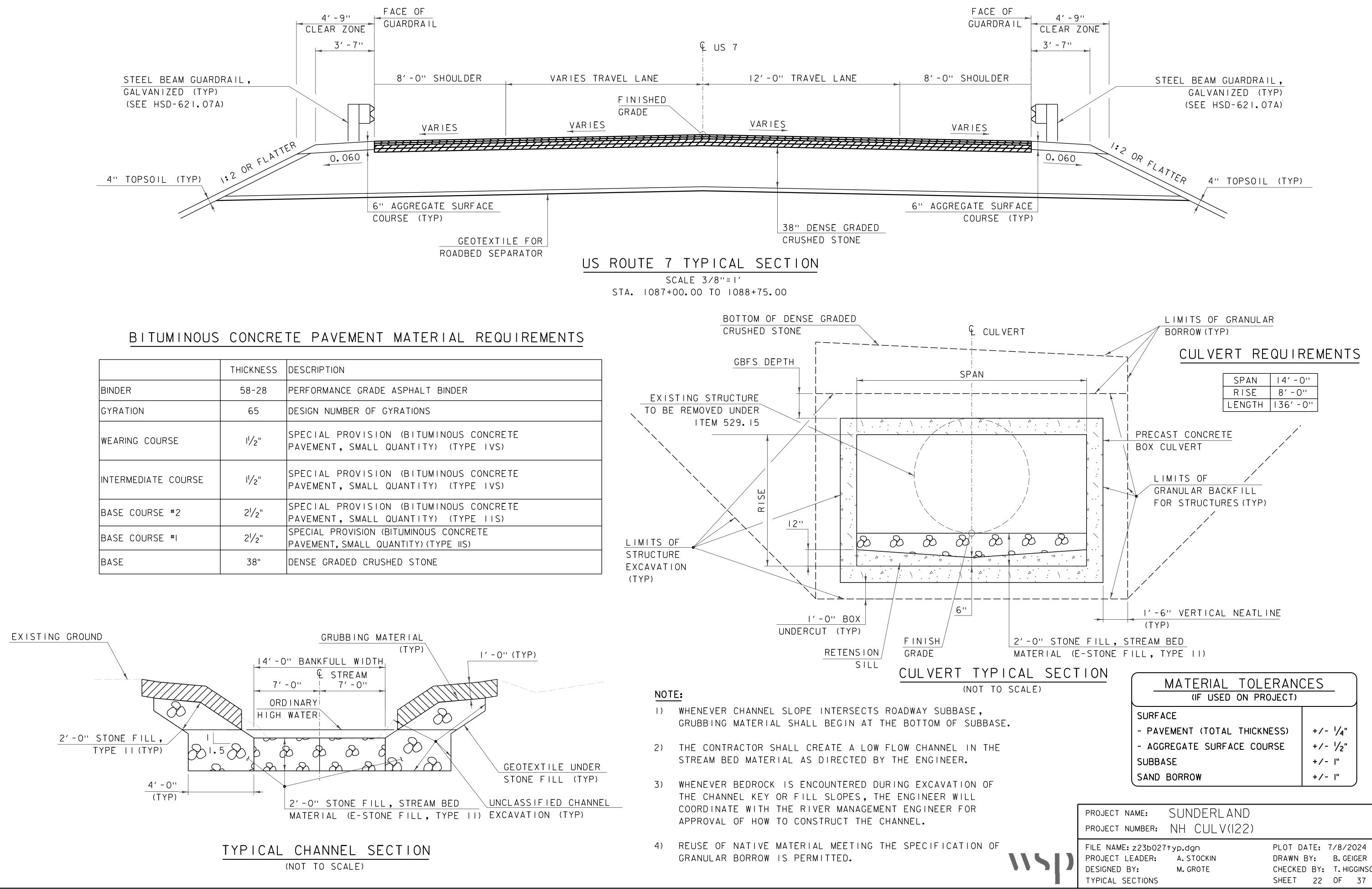


	PROJECT NAME: SUNDERLAND PROJECT NUMBER: BM 20102	
SD	FILE NAME: z20bI55typ.dgn PROJECT LEADER: A.STOCKIN DESIGNED BY: M.GROTE TYPICAL SECTIONS	PLOT DATE: 7/8/2024 DRAWN BY: B.GEIGER CHECKED BY: T.HIGGINSON SHEET 6 OF 37





	THICKNESS	DESCRIPTION
BINDER	58-28	PERFORMANCE GRADE ASPHALT BINDER
GYRATION	65	DESIGN NUMBER OF GYRATIONS
WEARING COURSE	۱ ^۱ /2"	SPECIAL PROVISION (BITUMINOUS CO PAVEMENT, SMALL QUANTITY) (TYPE
INTERMEDIATE COURSE	۱ <mark>۱/</mark> 2"	SPECIAL PROVISION (BITUMINOUS CO PAVEMENT, SMALL QUANTITY) (TYPE
BASE COURSE #2	2 /2"	SPECIAL PROVISION (BITUMINOUS CO PAVEMENT, SMALL QUANTITY) (TYPE
BASE COURSE #I	2 /2"	SPECIAL PROVISION (BITUMINOUS CONCRET PAVEMENT, SMALL QUANTITY) (TYPE IIS)
BASE	38"	DENSE GRADED CRUSHED STONE



	PROJECT NAME: SUNDERLAND PROJECT NUMBER: NH CULV(122)	
S P	FILE NAME: z23b027typ.dgn PROJECT LEADER: A.STOCKIN DESIGNED BY: M.GROTE TYPICAL SECTIONS	PLOT DATE: 7/8/2024 DRAWN BY: B.GEIGER CHECKED BY: T.HIGGINSON SHEET 22 OF 37

