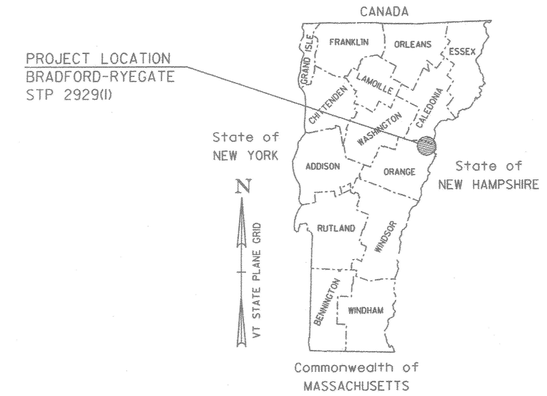
STATE OF VERMONT
AGENCY OF TRANSPORTATION

SUPERPAVE BITUMINOUS CONCRETE PAVEMENT MIXTURE DESIGN CRITERIA			
	US 5	US 302	NSH
DESIGN LANE/DESIGN LIFE ESAL	2,184,660	1,763,070	760,240
DESIGN NUMBER OF GYRATIONS	65	65	65
PERFORMANCE GRADED ASPHALT BINDER	SEE SUBSECTION 490.03(b)		



PROPOSED IMPROVEMENT
TOWNS OF BRADFORD, NEWBURY & RYEGATE
COUNTIES OF ORANGE & CALEDONIA
US ROUTE 5 (MAJOR COLLECTOR),
US ROUTE 302 (MINOR ARTERIAL) &
NEWBURY STATE HIGHWAY (MAJOR COLLECTOR)

US ROUTE 5
BEGINNING ON US ROUTE 5 IN BRADFORD AT STATION 82+42.00 (MM 1.561) AND EXTENDING NORTHERLY ALONG US ROUTE 5 A DISTANCE OF 80,486.59 FEET (15.244 MILES) TO STATION R 60+45.00 (MM 1.145) IN THE TOWN OF RYEGATE.

NEWBURY STATE HIGHWAY
BEGINNING AT THE INTERSECTION OF US ROUTE 5 AT STATION 0+14.00 (MM 0.003) IN NEWBURY AND EXTENDING EASTERLY ALONG NEWBURY STATE HIGHWAY A DISTANCE OF 2,434.50 FEET (0.461 MILES) TO STATION 24+48.50 (MM 0.464).

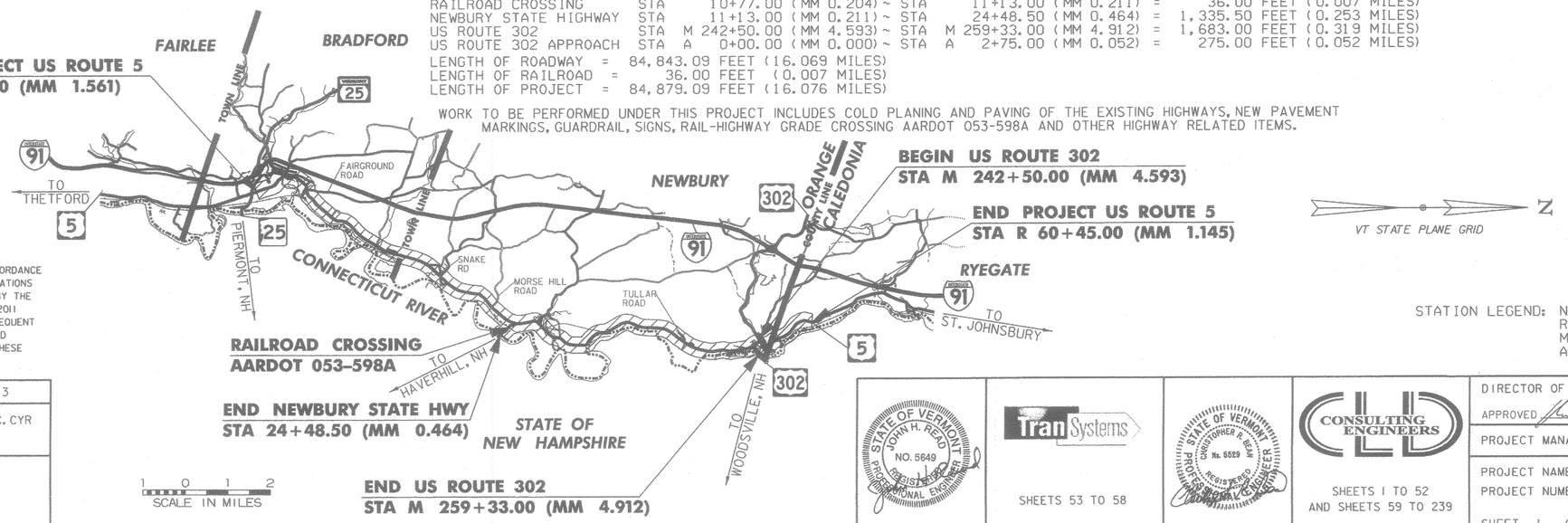
US ROUTE 302
BEGINNING ON US ROUTE 302 IN NEWBURY AT STATION M 242+50.00 (MM 4.593) AND EXTENDING EASTERLY ALONG US ROUTE 302 A DISTANCE OF 1,683.00 FEET (0.319 MILES) TO STATION M 259+33.00 (MM 4.912).

US ROUTE 302 APPROACH
BEGINNING ON US ROUTE 302 APPROACH AT STATION A 0+00.00 (MM 0.000) AND EXTENDING EASTERLY ALONG US ROUTE 302 APPROACH A DISTANCE OF 275 FEET (0.052 MILES) TO STATION A 2+75.00 (MM 0.052).

BRADFORD	STA	82+42.00	(MM 1.561)	~	STA	309+14.45	(MM 5.855)	= 22,672.45 FEET (4.294 MILES)
NEWBURY	STA	N 0+00.00	(MM 0.000)	~	STA	N 517+69.14	(MM 9.805)	= 51,769.14 FEET (9.805 MILES)
RYEGATE	STA	R 0+00.00	(MM 0.000)	~	STA	R 60+45.00	(MM 1.145)	= 6,045.00 FEET (1.145 MILES)
NEWBURY STATE HIGHWAY	STA	0+14.00	(MM 0.003)	~	STA	10+77.00	(MM 0.204)	= 1,063.00 FEET (0.201 MILES)
RAILROAD CROSSING	STA	10+77.00	(MM 0.204)	~	STA	11+13.00	(MM 0.211)	= 36.00 FEET (0.007 MILES)
NEWBURY STATE HIGHWAY	STA	11+13.00	(MM 0.211)	~	STA	24+48.50	(MM 0.464)	= 1,335.50 FEET (0.253 MILES)
US ROUTE 302	STA	M 242+50.00	(MM 4.593)	~	STA	M 259+33.00	(MM 4.912)	= 1,683.00 FEET (0.319 MILES)
US ROUTE 302 APPROACH	STA	A 0+00.00	(MM 0.000)	~	STA	A 2+75.00	(MM 0.052)	= 275.00 FEET (0.052 MILES)

LENGTH OF ROADWAY = 84,843.09 FEET (16.069 MILES)
LENGTH OF RAILROAD = 36.00 FEET (0.007 MILES)
LENGTH OF PROJECT = 84,879.09 FEET (16.076 MILES)

WORK TO BE PERFORMED UNDER THIS PROJECT INCLUDES COLD PLANING AND PAVING OF THE EXISTING HIGHWAYS, NEW PAVEMENT MARKINGS, GUARDRAIL, SIGNS, RAIL-HIGHWAY GRADE CROSSING AARDOT 053-598A AND OTHER HIGHWAY RELATED ITEMS.



CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2011, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON JULY 20, 2011 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

STATION LEGEND: N = NEWBURY
R = RYEGATE
M = US ROUTE 302
A = US ROUTE 302 APPROACH

RECORD PLANS

CONTRACTOR: PIKE INDUSTRIES, INC. – BERLIN, VT
RESIDENT ENGINEER: JAY STRONG
CONSTRUCTION BEGAN: MAY 25, 2016
CONSTRUCTION COMPLETE: JUNE 20, 2017
RECORD PLANS BY: JAY STRONG & RENEE LAYTON

I HEREBY CERTIFY THAT ALL THE CONSTRUCTION REQUIRED BY THIS SET OF DRAWINGS HAS BEEN ACCOMPLISHED AS INDICATED HEREIN.

BY _____ RESIDENT ENGINEER
DATE 5/21/2018

NOTE: Any further information concerning final quantities, amounts or other details relative to this project may be found by contacting Vtrans Records Management.

QUALITY ASSURANCE PROGRAM : LEVEL 3

NEWBURY STATE HWY
SURVEYED BY : R. GILMAN, P. WINTERS, C. CYR
SURVEYED DATE : 10/2014

DATUM
VERTICAL NAVD88
HORIZONTAL NAD83(2011)

STATE OF VERMONT JOHN H. READ NO. 5649 REGISTERED PROFESSIONAL ENGINEER

TranSystems

SHEETS 53 TO 58

STATE OF VERMONT CHRISTOPHER R. GERI No. 5529 REGISTERED PROFESSIONAL ENGINEER

CONSULTING ENGINEERS

SHEETS 1 TO 52
AND SHEETS 59 TO 239

DIRECTOR OF PROJECT DELIVERY
APPROVED _____ DATE 2/4/2016

PROJECT MANAGER : MICHAEL J. FOWLER, P.E.

PROJECT NAME : BRADFORD-RYEGATE
PROJECT NUMBER : STP 2929(I)

SHEET 1 OF 239 SHEETS

STATE OF VERMONT
AGENCY OF TRANSPORTATION

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INDEX OF VAOT STANDARDS

STD	DATE	DESCRIPTION
B-71	7/8/2005	STANDARDS FOR RESIDENTIAL AND COMMERCIAL DRIVES
C-3A	3/10/2008	SIDEWALK RAMPS
C-3B	3/10/2008	SIDEWALK RAMPS AND MEDIAN ISLANDS
C-10	2/11/2008	CURBING
D-3	6/1/1994	TREATED GUTTERS
D-15	6/1/1994	PRECAST REINFORCED CONCRETE CATCH BASIN W/CAST IRON GRATE, PRECAST REINFORCED CONCRETE MANHOLE W/ CAST IRON COVER, CAST IRON GRATE WITH FRAME, TYPE D, CAST IRON GRATE WITH FRAME, TYPE E
E-121	8/8/1995	STANDARD SIGN PLACEMENT CONVENTIONAL ROAD
E-127	8/8/1995	ROUTE MARKINGS AT RURAL INTERSECTIONS
E-132	8/18/1995	GENERAL MOTORIST SERVICE SIGN DETAILS
E-136B	8/8/1995	STATE ROUTE MARKER SIGN DETAILS
E-141	9/20/1995	REGULATORY SIGN DETAILS
E-144	3/29/1999	REGULATORY SIGN DETAILS
E-163	5/20/1999	TUBULAR STEEL SIGN POST
E-172	8/9/1995	VEHICLE DETECTOR LOOP DETAILS
E-190	6/30/2003	RAILROAD CROSSING SIGNS AND PAVEMENT MARKINGS
E-191	2/1/1999	PAVEMENT MARKING DETAILS
E-192	10/12/2000	PAVEMENT MARKING DETAILS
E-193	8/18/1995	PAVEMENT MARKING DETAILS
E-194	3/15/2005	BICYCLE PAVEMENT MARKINGS AND SIGN LAYOUT
G-1	11/10/2015	STEEL BEAM GUARDRAIL WITH STEEL POSTS, STEEL BEAM GUARDRAIL WITH WOOD POSTS
G-1d	2/10/2014	STEEL BEAM GUARDRAIL APPROACH END TERMINAL, STEEL BEAM GUARDRAIL TRAILING END TERMINAL, ANCHOR FOR STEEL BEAM GUARDRAIL, STEEL BEAM MEDIAN BARRIER
G-16	6/1/1994	STEEL BEAM GUARD RAIL ATTACHMENTS TO EXISTING BRIDGE, TERMINAL CONNECTOR FOR STEEL BEAM GUARD RAIL
J-2	6/1/1994	STANDARD CONCRETE STEPS METAL HAND RAILING
T-1	8/6/2012	TRAFFIC CONTROL GENERAL NOTES
T-2	2/12/2016	TRAFFIC SIGN GENERAL NOTES
T-10	8/6/2012	CONVENTIONAL ROADS CONSTRUCTION APPROACH SIGNING
T-17	8/6/2012	TRAFFIC CONTROL MISCELLANEOUS DETAILS
T-24	8/6/2012	TRAFFIC CONTROL FOR MAINTENANCE PAVEMENT MARKING OPERATION
T-28	8/6/2012	CONSTRUCTION SIGN DETAILS
T-30	8/6/2012	CONSTRUCTION SIGN DETAILS
T-36	8/6/2012	CONSTRUCTION ZONE LONGITUDINAL DROP-OFFS FOR PAVING
T-40	1/2/2013	DELINEATORS AND MILEPOSTS
T-42	4/9/2014	BRIDGE NUMBER PLAQUE
T-44	4/9/2014	MILEMARKER DETAILS STATE AND TOWN HIGHWAYS
T-45	1/2/2013	SQUARE TUBE SIGN POST AND ANCHOR
T-56	10/26/2015	STANDARD SIGN PLACEMENT
T-80	2/12/2016	VERMONT WARNING SIGN DETAILS
T-81	2/12/2016	VERMONT WARNING SIGN DETAILS
T-92	10/26/2015	ROUTE MARKER FRAME DETAILS
T-93	10/26/2015	DESTINATION SIGN DETAILS
S-360B	4/23/2012	GUARDRAIL APPROACH SECTION, GALVANIZED 2 RAIL BOX BEAM
S-363	4/23/2012	THRIE BEAM TO STANDARD STEEM BEAM TRANSITION SECTION
S-366	2/10/2014	LONGSPAN STEEL BEAM GUARDRAIL, GALVANIZED
S-367B	5/24/2012	GUARDRAIL APPROACH SECTION, GALVANIZED HD STEEL BEAM

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46	BORING INFORMATION SHEET
47	BORING SHEET
48	RETAINING WALL DETAILS SHEET
49	REINFORCING STEEL SCHEDULE SHEET
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53	GRADE CROSSING NOTES
54	TRACK PLAN
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	HIGHWAY SAFETY & DESIGN DETAILS
HSD-213.02	MILLED RUMBLE STRIP (CENTERLINE) DETAILS
HSD-621.01	POST AND BLOCKOUT DETAILS FOR STEEL BEAM GUARDRAIL, GALVANIZED
HSD-621.02	STEEL BEAM GUARDRAIL, GALVANIZED/8 FOOT RADIUS
HSD-621.03	STEEL BEAM GUARDRAIL, GALVANIZED/16 FOOT RADIUS
HSD-621.04	STEEL BEAM GUARDRAIL, GALVANIZED/25 FOOT RADIUS
HSD-621.05	STEEL BEAM GUARDRAIL, GALVANIZED/35 FOOT RADIUS
HSD-621.06	GUARDRAIL TERMINAL LABEL DETAIL
	STRUCTURES DETAIL
SD-516.10	BRIDGE JOINT ASPHALTIC PLUG

TRAFFIC DATA

LOCATION	MILE MARKS	AADT		DHV		%T		%D		ADTT		ESALs	
		2015	2025	2015	2025	2015	2025	2015	2025	2015	2025	2015-2025	2015-2035
US ROUTE 5													
BEGIN PROJECT TO VT 25B	1.487-2.397	5200	5300	550	560	4.9	5.9	57	57	420	520	1,132,000	2,474,000
VT 25B TO FAIRGROUND RD	2.397-3.020	7200	7300	760	770	4.3	5.5	51	51	460	600	1,408,000	3,442,000
FAIRGROUND RD TO NEWBURY STATE HWY	3.020-3.231	2700	2800	300	320	7.4	8.8	60	60	240	300	757,000	1,646,000
NEWBURY STATE HWY TO CHAPEL ST	3.231-3.745	2200	2200	270	270	13.1	16.2	56	56	240	290	935,000	2,240,000
CHAPEL ST TO US 302E	3.745-9.377	1600	1600	180	180	4.5	5.7	54	54	130	170	439,000	1,059,000
US 302E TO US 302W	9.377-9.506	7600	7700	860	870	4.8	6.3	53	53	480	640	1,703,000	4,122,000
US 302W TO END PROJECT	9.506-1.145	1900	2000	230	240	10.5	11.9	59	59	190	230	913,000	1,905,000
US ROUTE 302													
US 5 TO NH STATE LINE	4.629-4.912	7300	7400	820	830	4.7	6	51	51	450	580	1,555,000	3,457,000
US 5/US 302W INTERSECTION US 302 APPROACH	0.000-0.052	3100	3200	350	360	4.6	5.8	100	100	130	170	603,000	1,455,000
NEWBURY STATE HIGHWAY													
US 5 TO NH STATE LINE	0.000-0.482	1900	2000	230	240	9.7	11.3	52	52	170	210	677,000	1,462,000

POSTED SPEED : 25, 30, 35, 40 AND 50 MPH
DESIGN SPEED : EQUAL TO POSTED SPEED

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
INDEX OF SHEETS

PLOT DATE: 2/29/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 2 OF 239

CLD 14-0278

GENERAL INFORMATION

SYMBOLOGY LEGEND NOTE

THE SYMBOLOGY ON THIS SHEET IS INTENDED TO COVER STANDARD CONVENTIONAL SYMBOLOGY. THE SYMBOLOGY IS USED FOR EXISTING & PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROJECT ANNOTATION, AS NOTED ON PROJECT PLAN SHEETS. THIS LEGEND SHEET COVERS THE BASICS. SYMBOLOGY ON PLANS MAY VARY, PLAN ANNOTATIONS AND NOTES SHOULD BE USED TO CLARIFY AS NEEDED.

SIGNS

N	NEW SIGN
RET	RETAIN SIGN
S	SALVAGE SIGN
R	REMOVE SIGN OR POST
R&S	REMOVE AND SALVAGE

PAVEMENT MARKINGS

YL	YELLOW LINE
WL	WHITE LINE

DRAINAGE SYMBOLOGY

DRAINAGE

OTDI	OPEN THROAT DRAINAGE INLET

R.O.W. ABBREVIATIONS (CODES) & SYMBOLS

POINT	CODE	DESCRIPTION
	CH	CHANNEL EASEMENT
	CONST	CONSTRUCTION EASEMENT
	CUL	CULVERT EASEMENT
	D&C	DISCONNECT & CONNECT
	DIT	DITCH EASEMENT
	DR	DRAINAGE EASEMENT
	DRIVE	DRIVEWAY EASEMENT
	EC	EROSION CONTROL
	HWY	HIGHWAY EASEMENT
	I&M	INSTALL & MAINTAIN EASEMENT
	LAND	LANDSCAPE EASEMENT
	R&RES	REMOVE & RESET
	R&REP	REMOVE & REPLACE
	SR	SLOPE RIGHT
	UE	UTILITY EASEMENT
	(P)	PERMANENT EASEMENT
	(T)	TEMPORARY EASEMENT
■	BNDNS	BOUND SET
⊡	BNDNS	BOUND TO BE SET
●	IPNS	IRON PIN SET
◎	IPNS	IRON PIN TO BE SET
⊠	CALC	EXISTING ROW POINT
○	PROW	PROPOSED ROW POINT
[LENGTH]		LENGTH CARRIED ON NEXT SHEET

COMMON TOPOGRAPHIC POINT SYMBOLS

POINT	CODE	DESCRIPTION
	APL	BOUND APPARENT LOCATION
	BM	BENCHMARK
	BND	BOUND
	CB	CATCH BASIN
	COMB	COMBINATION POLE
	DITHR	DROP INLET THROATED DNC
	EL	ELECTRIC POWER POLE
	FPOLE	FLAGPOLE
	GASFIL	GAS FILLER
	GP	GUIDE POST
	GSO	GAS SHUT OFF
	GUY	GUY POLE
	GUYW	GUY WIRE
	GV	GATE VALUE
	H	TREE HARDWOOD
	HCTRL	CONTROL HORIZONTAL
	HVCTRL	CONTROL HORIZ. & VERTICAL
	HYD	HYDRANT
	IP	IRON PIN
	IPIPE	IRON PIPE
	LI	LIGHT - STREET OR YARD
	MB	MAILBOX
	MH	MANHOLE (MH)
	MM	MILE MARKER
	PM	PARKING METER
	PMK	PROJECT MARKER
	POST	POST STONE/WOOD
	RRSIG	RAILROAD SIGNAL
	RRSL	RAILROAD SWITCH LEVER
	S	TREE SOFTWOOD
	SAT	SATELLITE DISH
	SHRUB	SHRUB
	SIGN	SIGN
	STUMP	STUMP
	TEL	TELEPHONE POLE
	TIE	TIE
	TSIGN	SIGN W/DOUBLE POST
	VCTRL	CONTROL VERTICAL
	WELL	WELL
	WSO	WATER SHUT OFF

THESE ARE COMMON VAOT SURVEY POINT SYMBOLS FOR EXISTING FEATURES, ALSO USED FOR PROPOSED FEATURES WITH HEAVIER LINEWEIGHT, IN COMBINATION WITH PROPOSED ANNOTATION.

PROPOSED GEOMETRY CODES

CODE	DESCRIPTION
PC	POINT OF CURVATURE
PI	POINT OF INTERSECTION
CC	CENTER OF CURVE
PT	POINT OF TANGENCY
PCC	POINT OF COMPOUND CURVE
PRC	POINT OF REVERSE CURVE
POB	POINT OF BEGINNING
POE	POINT OF ENDING
STA	STATION PREFIX
AH	AHEAD STATION SUFFIX
BK	BACK STATION SUFFIX
D	CURVE DEGREE OF (100FT)
R	CURVE RADIUS OF
T	CURVE TANGENT LENGTH
L	CURVE LENGTH OF
E	CURVE EXTERNAL DISTANCE

UTILITY SYMBOLOGY

UNDERGROUND UTILITIES

- UTILITY (GENERIC-UNKNOWN)
- UT — TELEPHONE
- UE — ELECTRIC
- UC — CABLE (TV)
- UEC — ELECTRIC+CABLE
- UET — ELECTRIC+TELEPHONE
- UCT — CABLE+TELEPHONE
- UECT — ELECTRIC+CABLE+TELEP.
- G — GAS LINE
- W — WATER LINE
- S — SANITARY SEWER (SEPTIC)

ABOVE GROUND UTILITIES (AERIAL)

- UTILITY (GENERIC-UNKNOWN)
- T — TELEPHONE
- E — ELECTRIC
- C — CABLE (TV)
- EC — ELECTRIC+CABLE
- ET — ELECTRIC+TELEPHONE
- AER E&T — ELECTRIC+TELEPHONE
- CT — CABLE+TELEPHONE
- ECT — ELECTRIC+CABLE+TELEP.
- UTILITY POLE GUY WIRE

PROJECT CONSTRUCTION SYMBOLOGY

PROJECT DESIGN & LAYOUT SYMBOLOGY

- CLEAR ZONE (CZ)
- PLAN LAYOUT MATCHLINE

PROJECT CONSTRUCTION FEATURES

- TOP OF CUT SLOPE
- TOE OF FILL SLOPE
- STONE FILL
- BOTTOM OF DITCH ℄
- CULVERT PROPOSED
- STRUCTURE SUBSURFACE
- PROJECT DEMARCATION FENCE (PDF)
- BARRIER FENCE (BF)
- TREE PROTECTION ZONE (TPZ)
- STRIPING LINE REMOVAL
- SHEET PILES

CONVENTIONAL BOUNDARY SYMBOLOGY

BOUNDARY LINES

- TOWN BOUNDARY LINE
- COUNTY BOUNDARY LINE
- STATE BOUNDARY LINE
- PROPOSED STATE R.O.W. (LIMITED ACCESS)
- PROPOSED STATE R.O.W.
- STATE ROW (LIMITED ACCESS)
- STATE ROW
- TOWN ROW
- PERMANENT EASEMENT LINE (P)
- TEMPORARY EASEMENT LINE (T)
- SURVEY LINE
- PROPERTY LINE (P/L)
- SLOPE RIGHTS (SR)
- 6F PROPERTY BOUNDARY
- 4F PROPERTY BOUNDARY
- HAZARDOUS WASTE

EPSC LAYOUT PLAN SYMBOLOGY

EPSC MEASURES

- FILTER CURTAIN
- SILT FENCE
- SILT FENCE WOVEN WIRE
- CHECK DAM
- DISTURBED AREAS REQUIRING RE-VEGETATION
- EROSION MATTING

ENVIRONMENTAL RESOURCES

- WETLAND BOUNDARY
- RIPARIAN BUFFER ZONE
- WETLAND BUFFER ZONE
- SOIL TYPE BOUNDARY
- T&E — THREATENED & ENDANGERED SPECIES
- HAZ — HAZARDOUS WASTE AREA
- AG — AGRICULTURAL LAND
- HABITAT — FISH & WILDLIFE HABITAT
- FLOOD PLAIN — FLOOD PLAIN
- OHW — ORDINARY HIGH WATER (OHW)
- STORM WATER
- USDA FOREST SERVICE LANDS
- WILDLIFE HABITAT SUIT/CONN

ARCHEOLOGICAL & HISTORIC

- ARCH — ARCHEOLOGICAL BOUNDARY
- HISTORIC DIST — HISTORIC DISTRICT BOUNDARY
- HISTORIC — HISTORIC AREA
- (H) HISTORIC STRUCTURE

CONVENTIONAL TOPOGRAPHIC SYMBOLOGY

EXISTING FEATURES

- ROAD EDGE PAVEMENT
- ROAD EDGE GRAVEL
- DRIVEWAY EDGE
- DITCH
- FOUNDATION
- FENCE (EXISTING)
- FENCE WOOD POST
- FENCE STEEL POST
- GARDEN
- ROAD GUARDRAIL
- RAILROAD TRACKS
- CULVERT (EXISTING)
- STONE WALL
- WALL
- WOOD LINE
- BRUSH LINE
- HEDGE
- BODY OF WATER EDGE
- LEDGE EXPOSED

CLD 14-0278

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
CONVENTIONAL SYMBOLOGY LEGEND SHEET

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD

GPS CONTROL POINTS

HVCTRL #1

PLACEY

NORTH = 571735.2000
EAST = 1755957.6700
ELEV. = 504.100

NEWBURY, VT.
IT IS 0.3 MI SOUTH OF NEWBURY CROSSING ROAD. THE MARK IS SET IN THE TOP OF THE SOUTHEAST END OF A MASSIVE ROCK OUTCROP. IT IS 43.3 M NORTHWEST OF AND ABOUT 9 M HIGHER THAN THE CENTERLINE OF US ROUTE 5, 30.7 M NORTH OF A FENCE CORNER AT THE EAST CORNER OF SMALL FENCED-IN FIELD, 44.7 M SOUTHWEST OF THE WEST CORNER OF A GARAGE, AND 18.2 M SSW OF THE EAST CORNER OF A 1.2 M X 1.4 M CEMENT BLOCK BARBEQUE GRILLE.

HVCTRL #2

VTNH BRM 34

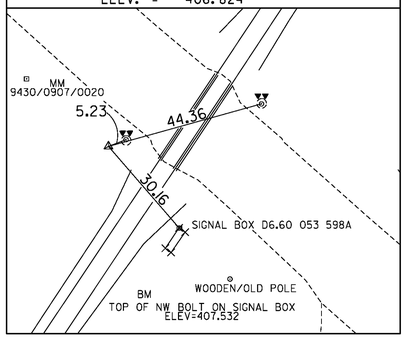
NORTH = 571534.2966
EAST = 1758165.1480
ELEV. = 405.320

AT THE HAVERHILL BRIDGE FISHING ACCESS IN NEWBURY, VT.
THE MARK IS A 12.5 CM DIAMETER USSC REFERENCE MARK DISK SET IN THE TOP OF A 25 CM SQUARE GRANITE MONUMENT WHICH PROJECTS ABOUT 0.1 M ABOVE GROUND SURFACE. IT IS 2.5 M NE OF AND ABOUT 0.1 M HIGHER THAN THE CENTERLINE OF A GRAVEL DRIVE, 3.4 M SW OF A WIRE FENCE, 7.5 M NORTH OF THE MOST SOUTHERLY GUARD RAIL POST AT THE SE CORNER OF A PARKING AREA, AND 70.3 M SE OF THE CENTER OF THE NE (INLET) END OF A 50 CM DIAMETER METAL CULVERT.

TRAVERSE TIES

HVCTRL #3

NORTH = 572285.8570
EAST = 1757274.1983
ELEV. = 406.824



HVCTRL #4

NORTH = 571677.0099
EAST = 1756119.4953
ELEV. = 479.578

NOT TIED

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

ALIGNMENT TIES

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

DATUM

VERTICAL NAVD88

HORIZONTAL NAD83(2011)

ADJUSTMENT COMPASS

CLD 14-0278

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: x10c264t1
PROJECT LEADER: BRANDON KIPP
DESIGNED BY: VTrans
TIE SHEET 1

PLOT DATE: 2/4/2016
DRAWN BY: C. CYR
CHECKED BY: P. BEYOR
SHEET 4 OF 239

GPS CONTROL POINTS

C 57

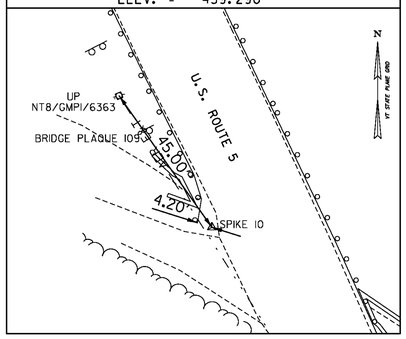
NORTH = 610233.2700
EAST = 1756868.5500
ELEV. = 488.830

RYEGATE, VT.
TO REACH FROM THE INTERSECTION OF US ROUTE 302 WEST AND US ROUTE 5 IN WELLS RIVER GO NORTH ALONG US ROUTE 5 FOR 1.55 MI TO THE MARK IN THE RIGHT. THE MARK IS A STANDARD NGS DISC SET INSIDE A 4 INCH PVC PIPE 6 INCHES BELOW THE TOP OF THE PIPE. IT IS 6.7 M EAST AND ABOUT 1 M LOWER THAN THE CENTER OF US ROUTE 5, 16.7 M NORTH OF THE END OF A STEEL BEAM GUARD RAIL, 8.9 M SOUTH OF THE CENTER OF A 0.9 M VERTICAL PIPE, AND 5.2 M SOUTH OF POLE NO. 37/65 AND A FIBERGLASS WITNESS POST.

TRAVERSE TIES

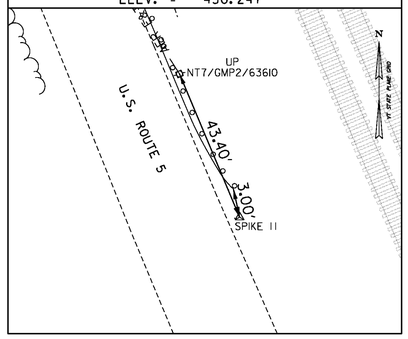
POINT #10

NORTH = 604428.1379
EAST = 1759522.6032
ELEV. = 459.290



POINT #11

NORTH = 604202.0030
EAST = 1759657.1278
ELEV. = 450.247



NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

ALIGNMENT TIES

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

NORTH =
EAST =
ELEV. =

DATUM
VERTICAL NAVD88
HORIZONTAL VT GRID NAD83(2011)
ADJUSTMENT COMPASS

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264t1.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: H. QUESADA
TIE SHEET 2

PLOT DATE: 2/4/2016
DRAWN BY: S. GOODWIN
CHECKED BY: G. BROWN
SHEET 5 OF 239

CLD 14-0278

PROJECT NOTES

1. ALL PROPOSED WORK TO BE PERFORMED WITHIN THE EXISTING RIGHT-OF-WAY.

2. COLD PLANING SHALL BE COMPLETED ACCORDING TO THE TYPICAL SECTIONS OR AS DENOTED OTHERWISE ON THE PLANS. A FULL DEPTH BUTT JOINT SHALL BE CONSTRUCTED AT THE PROJECT BEGIN AND END, AND ALL PAVED SIDE ROAD APPROACHES AS SHOWN ON THE PROJECT PLANS OR AS OTHERWISE DIRECTED BY THE ENGINEER. ALL JOINTS SHALL BE SAW CUT, INCIDENTAL TO ITEM 210.10 COLD PLANING, BITUMINOUS PAVEMENT.

3. ALL NECESSARY SURFACE PREPARATION INVOLVING PATCHING, POT HOLE REPAIR, AND CRACK SEALING SHALL BE PERFORMED FOLLOWING COLD PLANING AND PRIOR TO PAVING. THE PATCHING OF ALL CRACKS GREATER THAN ONE INCH AND POT HOLE REPAIR SHALL BE COMPLETED USING BITUMINOUS CONCRETE PAVEMENT IN ACCORDANCE WITH ITEM 900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I). AN ESTIMATED QUANTITY FOR THIS ITEM HAS BEEN INCLUDED.

4. THE CONTRACTOR SHALL USE CAUTION WHEN COLD PLANING AND PAVING OPERATIONS OCCUR ON BRIDGE DECKS. SHOULD ANY DAMAGE OCCUR TO THE DECK OR MEMBRANE AS A RESULT OF THE CONTRACTORS OPERATIONS THE ENGINEER SHALL CONTACT THE VAOT CONSTRUCTION STRUCTURES ENGINEER TO PROVIDE AN ASSESSMENT OF THE DAMAGE AND RECOMMEND ANY NECESSARY REPAIRS. THE CONSTRUCTION STRUCTURES ENGINEER WILL ALSO DETERMINE IF THE DAMAGE WAS AVOIDABLE. IF THE CONTRACTOR IS DETERMINED BY THE ENGINEER TO BE AT FAULT FOR THE DAMAGE, THE RECOMMENDED REPAIRS SHALL BE COMPLETED BY THE CONTRACTOR AT NO COST TO THE STATE.

5. EXISTING UNDERGROUND AND AERIAL FACILITIES ARE LOCATED THROUGHOUT THE PROJECT AREA. OWNERSHIP OF THESE FACILITIES INCLUDES OPERATIONAL UTILITY COMPANIES, MUNICIPALITIES AND INDIVIDUAL PROPERTY OWNERS. THE CONTRACTOR IS CAUTIONED TO PROTECT THESE FACILITIES FROM DAMAGE.

6. PRIOR TO PAVING, ANY EXISTING SHOULDER MATERIAL DEEMED UNSUITABLE BY THE ENGINEER SHALL BE EXCAVATED TO A DEPTH OF THREE INCHES OR AS DIRECTED BY THE ENGINEER. EXCAVATION SHALL BE PAID FOR USING THE APPROPRIATE RENTAL ITEMS. THE METHOD OF REMOVAL AND THE USE OF RENTAL ITEMS SHALL BE APPROVED BY THE ENGINEER PRIOR TO ANY WORK BEING DONE. MATERIAL REMOVED SHALL BE REPLACED WITH ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED. EXCAVATED MATERIAL SHALL BE SPREAD ON THE ADJACENT SLOPES OR REMOVED FROM THE PROJECT AS DIRECTED BY THE ENGINEER. THIS WORK SHALL BE DONE BEFORE THE LEVELING COURSE IS PLACED.

7. GRASS GROWING ADJACENT TO THE PAVEMENT OR THROUGH CRACKS IN THE PAVEMENT, WHICH MAY HAMPER THE PLACEMENT OF NEW BITUMINOUS CONCRETE PAVEMENT, SHALL BE REMOVED BY THE CONTRACTOR AS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS WORK WILL NOT BE MADE DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.

8. SUPERPAVE BITUMINOUS CONCRETE PAVEMENT TOLERANCE = 1/4" +/- (TOTAL THICKNESS EXCLUDING LEVELING COURSE).

9. EMULSIFIED ASPHALT SHALL BE APPLIED AS A TACK COAT ON ALL EXISTING OR COLD PLANED PAVEMENT SURFACES AT THE RATE OF 0.080 GAL/SY AND BETWEEN ALL COURSES OF BITUMINOUS CONCRETE PAVEMENT AT THE RATE OF 0.025 TO 0.040 GAL/SY. EMULSIFIED ASPHALT WILL BE OPTIONED AND PAID UNDER ITEM 404.65 EMULSIFIED ASPHALT OR ITEM 900.683 SPECIAL PROVISION (EMULSIFIED ASPHALT) (RS-1H OR CRS-1H).

10. THE WEARING COURSE AND LEVELING COURSE SHALL BE TYPE IVS SUPERPAVE BITUMINOUS CONCRETE PAVEMENT. ALL PG GRADED ASPHALT CEMENT USED IN THE SUPERPAVE BITUMINOUS CONCRETE PAVEMENT SHALL BE AS SPECIFIED IN SUBSECTION 490.03(b).

11. ALL SIDE ROADS ARE TO BE PAVED 25 FEET FROM THE EDGE OF MAINLINE SHOULDER UNLESS OTHERWISE SPECIFIED IN THE PLANS OR AS DIRECTED BY THE ENGINEER.

12. EDGES OF PAVEMENT SHALL INCLUDE A SAFETY EDGE AS SHOWN ON DETAIL SHEET 2.

13. SHOULDER RECONSTRUCTION SHALL BE DONE IN LOCATIONS WHERE THE ROADWAY IS TO BE WIDENED OR AS DIRECTED BY THE ENGINEER. SEE SHOULDER RECONSTRUCTION DETAIL ON TYPICAL SECTIONS SHEET 8.

14. ALL EDGES OF PAVEMENT SHALL BE BACKED UP TO FULL HEIGHT WITH AGGREGATE SHOULDER MATERIAL AS DIRECTED BY THE ENGINEER. THIS WORK WILL BE OPTIONED AND PAID UNDER ITEM 402.12 AGGREGATE SHOULDERS OR ITEM 402.13 AGGREGATE SHOULDERS, RAP. IN LAWN AREAS, A MINIMUM ONE FOOT WIDTH OF AGGREGATE SHOULDER MATERIAL SHALL BE INSTALLED BETWEEN THE EDGE OF PAVEMENT AND TOPSOIL. IN OTHER LOCATIONS, A THREE FOOT MINIMUM WIDTH IS DESIRED.

15. ALL PAVED AND GRAVEL RESIDENTIAL AND COMMERCIAL DRIVES SHALL RECEIVE A FOUR FEET PAVED APRON AND ALL FIELD AND WOODS DRIVES SHALL RECEIVE A TWO FEET PAVED APRON UNLESS OTHERWISE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. ANY AND ALL REQUIRED EXCAVATION AND ASSOCIATED DRIVE GRADING IN DRIVE AREAS SHALL BE AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER. THE NEW BITUMINOUS SURFACE SHALL BE CONSTRUCTED AS DIRECTED BY THE ENGINEER AND WILL BE PAID FOR UNDER ITEM 900.675 SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES). BITUMINOUS CONCRETE MATERIAL PLACED BY MECHANICAL METHODS AT THESE LOCATIONS IS EXCLUDED. ALL OTHER BITUMINOUS MATERIALS PLACED WITHIN THE PROJECT LIMITS, WHETHER BY HAND OR MECHANICAL METHODS, WILL BE PAID UNDER THE APPROPRIATE CONTRACT PAY ITEM FOR SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.

16. THE CULVERT PIPES SHOWN IN THE PLANS ARE TO BE USED FOR INFORMATIONAL PURPOSES ONLY. THE ENGINEER SHALL DETERMINE WHETHER THE COMPACTION EFFORT OVER EXISTING CULVERTS SHOULD BE REDUCED. ALL CULVERTS ARE TO BE RETAINED.

17. ASPHALTIC PLUG-TYPE JOINT SHALL BE INSTALLED AT THE FOLLOWING LOCATIONS. SEE BRIDGE JOINT ASPHALTIC PLUG (STRUCTURES DETAIL SD-516.10)

US ROUTE 5				
BRIDGE #91	-	120+92	(MM 2.290)	24' ASPHALTIC JOINT
BRIDGE #93	-	278+61	(MM 5.277)	32' ASPHALTIC JOINT
BRIDGE #97	-	N 52+41	(MM 0.993)	32' ASPHALTIC JOINT
		N 53+48	(MM 1.013)	32' ASPHALTIC JOINT
BRIDGE #99	-	N 207+73	(MM 3.934)	40' ASPHALTIC JOINT
		N 209+26	(MM 3.963)	40' ASPHALTIC JOINT
BRIDGE #102	-	N 308+90	(MM 5.850)	71' ASPHALTIC JOINT
		N 309+54	(MM 5.863)	71' ASPHALTIC JOINT
		N 310+18	(MM 5.875)	71' ASPHALTIC JOINT
		N 310+82	(MM 5.887)	71' ASPHALTIC JOINT
		N 311+45	(MM 5.899)	71' ASPHALTIC JOINT
		N 312+09	(MM 5.911)	71' ASPHALTIC JOINT
BRIDGE #106	-	N 503+67	(MM 9.539)	39' ASPHALTIC JOINT
		N 504+35	(MM 9.552)	51' ASPHALTIC JOINT
NEWBURY STATE HIGHWAY				
		24+49	(MM 0.464)	28' ASPHALTIC JOINT
US ROUTE 302				
BRIDGE #47	-	M 244+98	(MM 4.640)	51' ASPHALTIC JOINT
		M 245+47	(MM 4.649)	38' ASPHALTIC JOINT
VT/NH BORDER	-	M 259+33	(MM 4.912)	27' ASPHALTIC JOINT

18. COMPACTION, GRADING, AND CLEAN UP OF ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED, ITEM 402.12 AGGREGATE SHOULDERS, ITEM 402.13 AGGREGATE SHOULDERS, RAP AND ITEM 651.35 TOPSOIL, IS TO BE INCLUDED IN THE CONTRACT UNIT PRICE OF EACH ITEM.

19. ESTIMATED QUANTITIES OF ITEMS 604.412, 604.415 AND 604.418 REHAB DROP INLETS, CATCH BASINS OR MANHOLES, CLASS I, CLASS II AND CLASS III ARE ESTIMATED AND SHALL BE PERFORMED AT LOCATIONS SHOWN ON THE PLAN SHEETS OR AS DIRECTED BY THE ENGINEER. ALL DI'S SHALL BE RAISED OR REHABILITATED SUCH THAT THE NEW GRATE ELEVATION MATCHES WITH THE SURROUNDING TERRAIN.

20. ESTIMATED QUANTITIES OF ITEM 608.15 POWER GRADER RENTAL, ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I, AND ITEM 608.37 TRUCK RENTAL HAVE BEEN INCLUDED FOR REMOVING BUILT UP SAND, SOD ETC. ADJACENT TO THE SHOULDER, IN NON-GUARDRAIL AREAS, TO ALLOW FREE DRAINAGE OFF THE SHOULDER AS DIRECTED BY THE ENGINEER.

21. AN ESTIMATED QUANTITY OF ITEM 203.40 SHOULDER BERM REMOVAL HAS BEEN INCLUDED FOR THE REMOVAL OF BUILT UP SAND, SOD ETC ADJACENT TO THE SHOULDER, IN RETAINED GUARDRAIL AREAS, TO ALLOW FREE DRAINAGE OFF THE SHOULDER.

22. AN ESTIMATED QUANTITY OF ITEM 619.17 YIELDING MARKER POSTS HAS BEEN INCLUDED TO DELINEATE PIPE INLETS (UNDER 30" DIA.), PIPE OUTLETS AND DROP INLETS LOCATED OUTSIDE OF THE PAVEMENT SURFACE OR AS DIRECTED BY THE ENGINEER.

23. STEEL BEAM GUARDRAIL WITH STEEL POSTS SHALL BE USED ON THIS PROJECT.

24. IN AREAS WHERE A UTILITY POLE OR SIMILAR OBJECT IS LOCATED WITHIN FOUR FEET BEHIND GUARDRAIL, A REDUCED POST SPACING SHALL BE USED AS DETAILED IN THE NON-YIELDING OBJECT DETAIL ON SHEET 42.

25. A 3'-7" OF BACKING IS REQUIRED BEHIND THE FACE OF GUARDRAIL WITH SIX FEET POSTS. IF THIS CANNOT BE OBTAINED THEN EIGHT FEET POSTS SHALL BE USED. PAYMENT WILL BE MADE UNDER ITEM 621.20 STEEL BEAM GUARDRAIL, GALVANIZED OR ITEM 621.205 STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS, AS APPROPRIATE.

26. ESTIMATED QUANTITIES OF ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I, ITEM 608.37 TRUCK RENTAL, AND ITEM 608.40 LOADER RENTAL, TYPE I HAVE BEEN INCLUDED FOR THE PROVISION OF CONSTRUCTING GUARDRAIL END TERMINAL AREAS WITH EXCAVATED DITCHING MATERIAL.
AN ESTIMATED QUANTITY OF ITEM 203.30 EARTH BORROW HAS BEEN INCLUDED FOR USE WITH THE GUARDRAIL END TERMINAL AREAS. 25 CY OF ITEM 203.30 EARTH BORROW HAS BEEN ESTIMATED FOR EACH NEW END TERMINAL AREA.
GUARDRAIL END TERMINAL AREAS SHALL BE CAPPED WITH AN ESTIMATED THREE INCH DEPTH OF ITEM 651.35 TOPSOIL UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE QUANTITIES INCLUDED REFLECT FIVE CY OF ITEM 651.35 TOPSOIL FOR EACH NEW GUARDRAIL END TERMINAL AREA.
ITEM 653.20 TEMPORARY EROSION MATTING SHALL BE PLACED ON SLOPES GREATER THEN 1:6 CREATED BY THE GUARDRAIL END TERMINAL AREA. THE QUANTITIES INCLUDED REFLECT 25 SY OF ITEM 653.20 TEMPORARY EROSION MATTING FOR EACH NEW GUARDRAIL END TERMINAL AREA. PRIOR TO THE PLACEMENT OF TEMPORARY EROSION MATTING PLACE ITEM 651.35 TOPSOIL, ITEM 651.18 FERTILIZER, ITEM 651.20 AGRICULTURAL LIMESTONE AND ITEM 651.15 SEED.

27. ITEM 646.76, LINE STRIPING TARGETS SHALL BE PLACED AS OUTLINED IN THE VAOT STANDARD SPECIFICATIONS FOR CONSTRUCTION FOR THE PLACEMENT OF THE WHITE EDGE LINES AND YELLOW CENTER LINES.

28. AN ESTIMATED QUANTITY OF ITEM 608.26 ALL PURPOSE EXCAVATOR RENTAL, TYPE II (PNEUMATIC HAMMER) HAS BEEN INCLUDED FOR LEDGE REMOVAL IN DITCH CLEANING LOCATIONS WHERE LEDGE IS ENCOUNTERED OR AS DIRECTED BY THE ENGINEER.

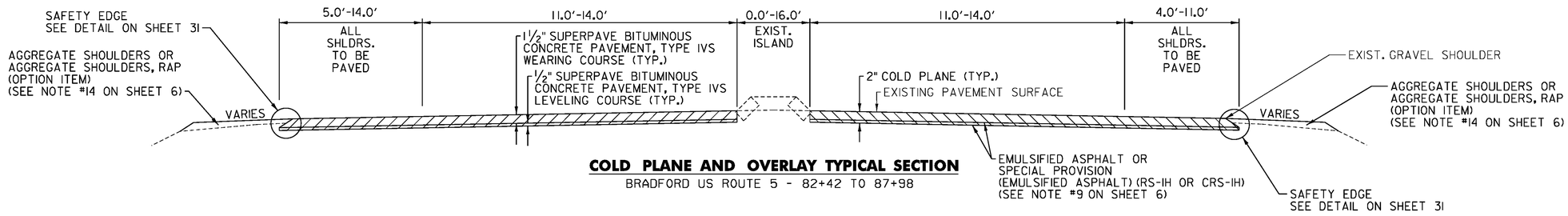
29. DURABLE PAVEMENT MARKINGS ARE OPTIONED AS SHOWN ON THE PLAN SHEETS FOR THIS PROJECT. THE CONTRACTOR SHALL BID THE SAME MARKING MATERIAL FOR ALL OPTION ITEMS.
IN AREAS WITH RUMBLE STRIPS THE PAVEMENT MARKING OPTIONS ARE ITEM 646.413 DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR ITEM 646.414 DURABLE 4 INCH YELLOW LINE, POLYUREA.
IN AREAS WITHOUT RUMBLE STRIPS THE PAVEMENT MARKING OPTIONS ARE ITEM 646.412 DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC, ITEM 646.413 DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR ITEM 646.414 DURABLE 4 INCH YELLOW LINE, POLYUREA.

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
PROJECT NOTES

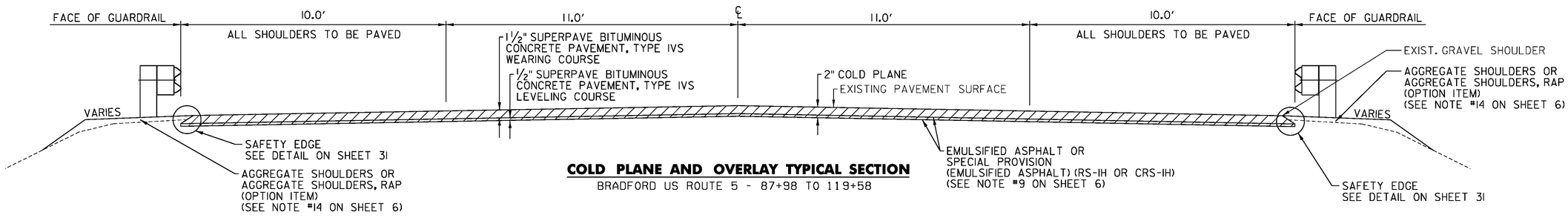
PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 6 OF 239

CLD 14-0278



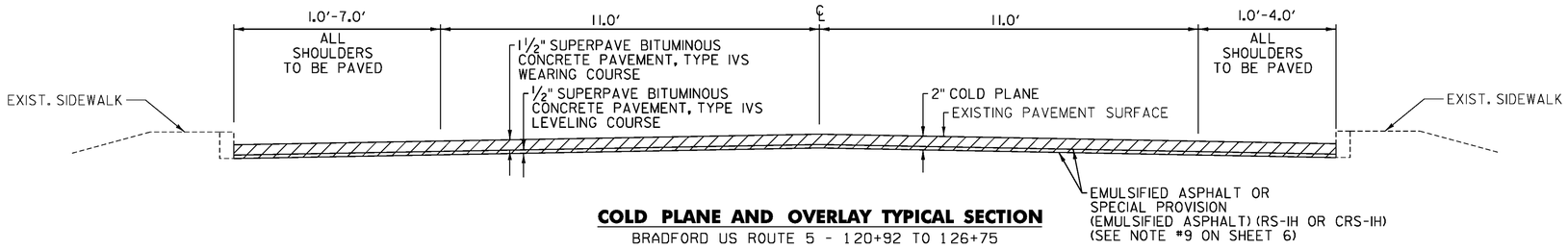
COLD PLANE AND OVERLAY TYPICAL SECTION

BRADFORD US ROUTE 5 - 82+42 TO 87+98



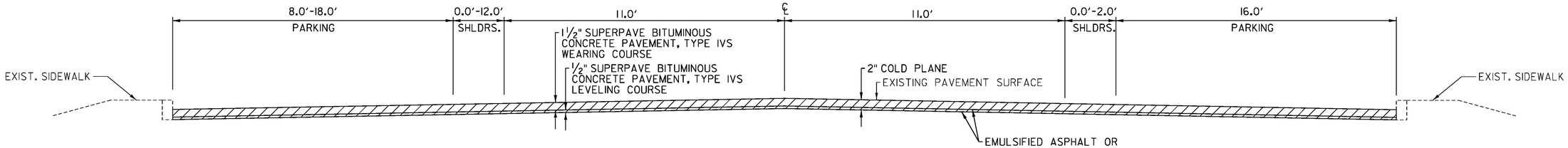
COLD PLANE AND OVERLAY TYPICAL SECTION

BRADFORD US ROUTE 5 - 87+98 TO 119+58



COLD PLANE AND OVERLAY TYPICAL SECTION

BRADFORD US ROUTE 5 - 120+92 TO 126+75



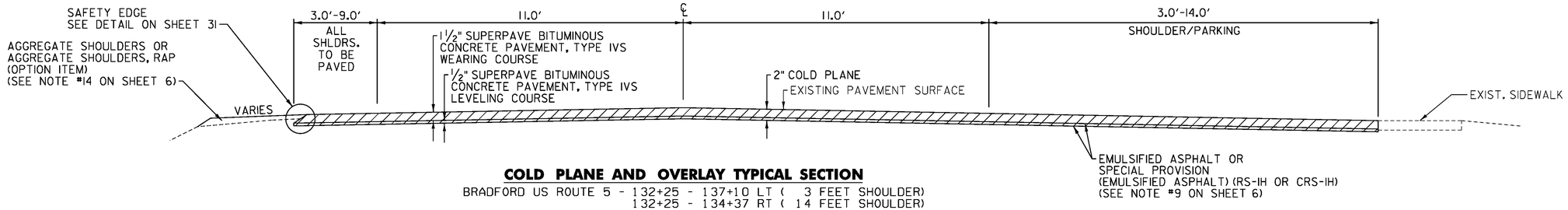
COLD PLANE AND OVERLAY TYPICAL SECTION

BRADFORD US ROUTE 5 - 126+75 - 132+25

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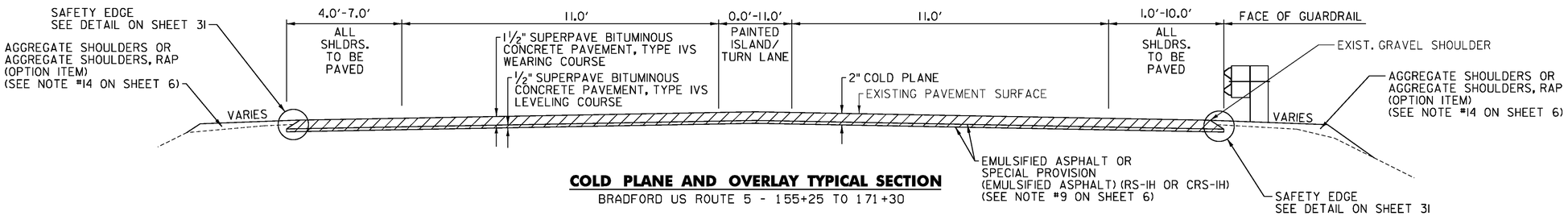
PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
TYPICAL SECTIONS SHEET I	SHEET 7 OF 239

CLD 14-0278



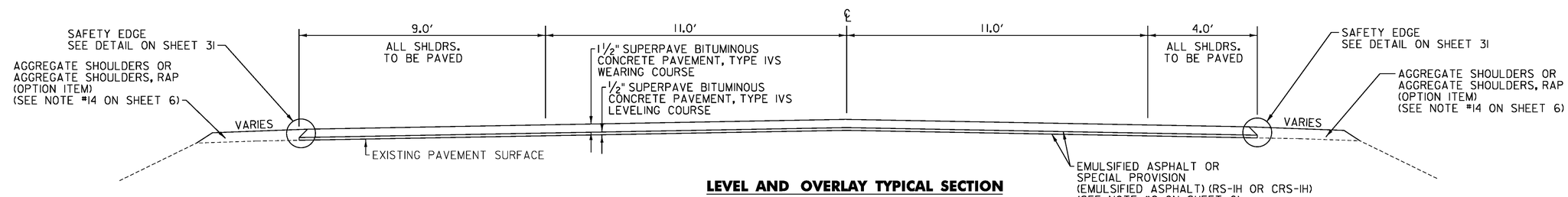
COLD PLANE AND OVERLAY TYPICAL SECTION

BRADFORD US ROUTE 5 - 132+25 - 137+10 LT (3 FEET SHOULDER)
132+25 - 134+37 RT (14 FEET SHOULDER)
134+37 - 136+27 RT (5 FEET SHOULDER)
136+27 - 139+40 RT (8 FEET SHOULDER)
137+10 - 145+34 LT (8 FEET SHOULDER)
139+40 - 144+75 RT (13 FEET SHOULDER)
144+75 - 151+44 RT (3 FEET SHOULDER)
145+34 - 147+25 LT (3 FEET SHOULDER)
147+25 - 155+25 LT (8 FEET SHOULDER)
151+44 - 154+00 RT (8 FEET SHOULDER)
154+00 - 155+25 RT (3-6 FEET SHOULDER)



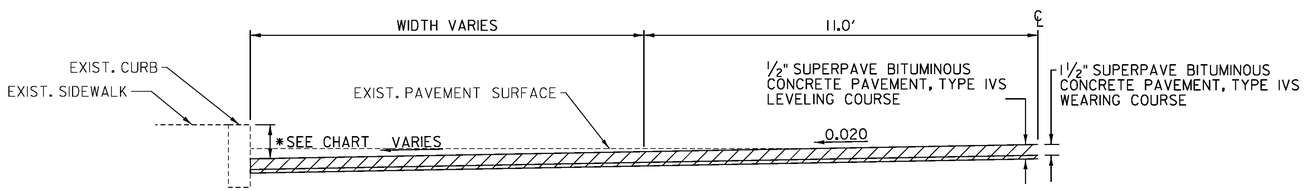
COLD PLANE AND OVERLAY TYPICAL SECTION

BRADFORD US ROUTE 5 - 155+25 TO 171+30



LEVEL AND OVERLAY TYPICAL SECTION

BRADFORD US ROUTE 5 - 171+30 - 192+28



STEVENS BLOCK BUILDING

STATION	POSITION	EXISTING CURB REVEAL DEPTH	*PROPOSED CURB REVEAL DEPTH
128+16	LEFT	0.5 IN	0 IN
128+25	LEFT	1.0 IN	7 IN
128+50	LEFT	2.3 IN	7 IN
128+75	LEFT	3.9 IN	7 IN
128+89	LEFT	6.3 IN	7 IN
128+95	LEFT	0.0 IN	0 IN

BLISS 1806 HOTEL, COLATINA PIZZA, CONCRETE SIDEWALK

STATION	POSITION	EXISTING CURB REVEAL DEPTH	*PROPOSED CURB REVEAL DEPTH
128+16	RIGHT	0.0 IN	0 IN
128+25	RIGHT	1.0 IN	2 IN
128+28	RIGHT	3.0 IN	5 IN
128+50	RIGHT	2.9 IN	5 IN
128+75	RIGHT	3.3 IN	5 IN
129+00	RIGHT	5.3 IN	5 IN
129+25	RIGHT	5.2 IN	5 IN

VARIABLE DEPTH COLD PLANE DETAIL

HILLS & AUBUCHON HARDWARE, BITUMINOUS SIDEWALK

STATION	POSITION	EXISTING CURB REVEAL DEPTH	*PROPOSED CURB REVEAL DEPTH
129+50	RIGHT	4.4 IN	5 IN
129+75	RIGHT	3.2 IN	5 IN
130+00	RIGHT	3.0 IN	5 IN
130+25	RIGHT	2.6 IN	5 IN
130+50	RIGHT	3.5 IN	5 IN
130+75	RIGHT	4.0 IN	5 IN
131+00	RIGHT	3.8 IN	5 IN
131+25	RIGHT	3.0 IN	5 IN
131+50	RIGHT	2.8 IN	5 IN
131+73	RIGHT	5.4 IN	5 IN

VARIABLE DEPTH COLD PLANE DETAIL NOTES

1. NORMAL CROWN IS DESIRABLE ON MAINLINE, BUT CAN BE MODIFIED TO ACCOMMODATE THE PROPOSED CURB REVEAL DEPTHS AT THE CURB AS DIRECTED BY THE ENGINEER.
2. PAYMENT WILL BE MADE UNDER ITEM 900.675 SPECIAL PROVISION (COLD PLANING BITUMINOUS PAVEMENT FOR SUPERELEVATION CORRECTION).

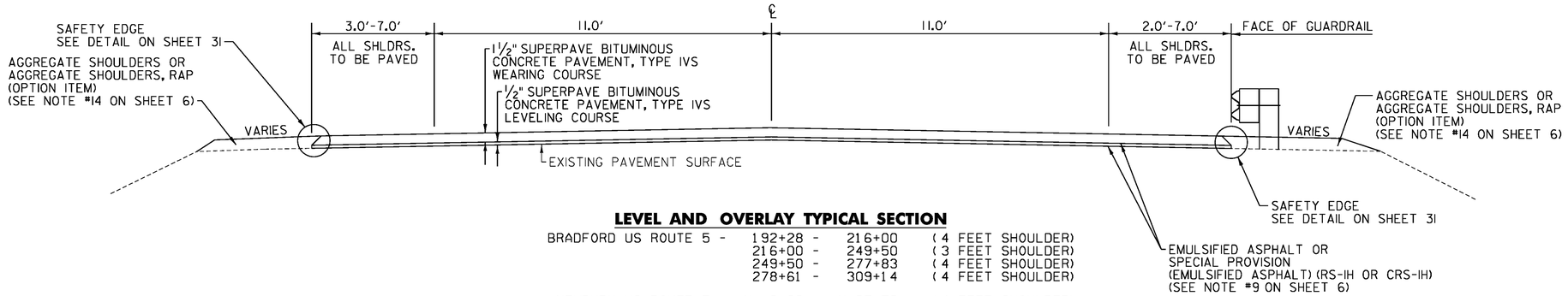
NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TYPICAL SECTIONS SHEET 2

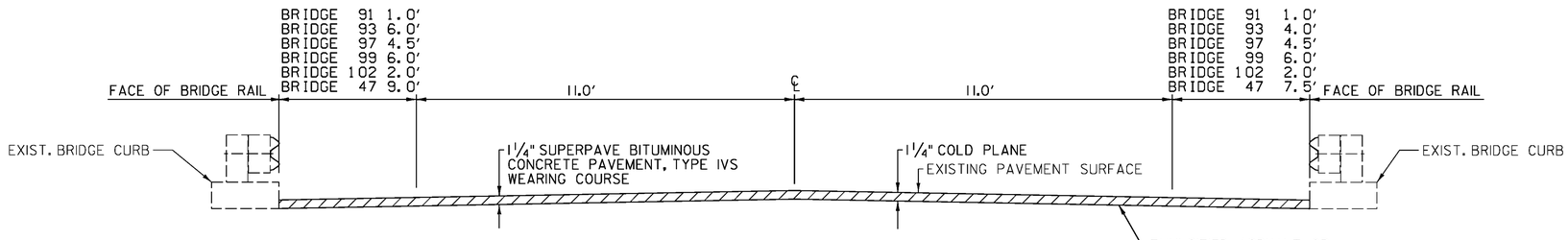
PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD

CLD 14-0278



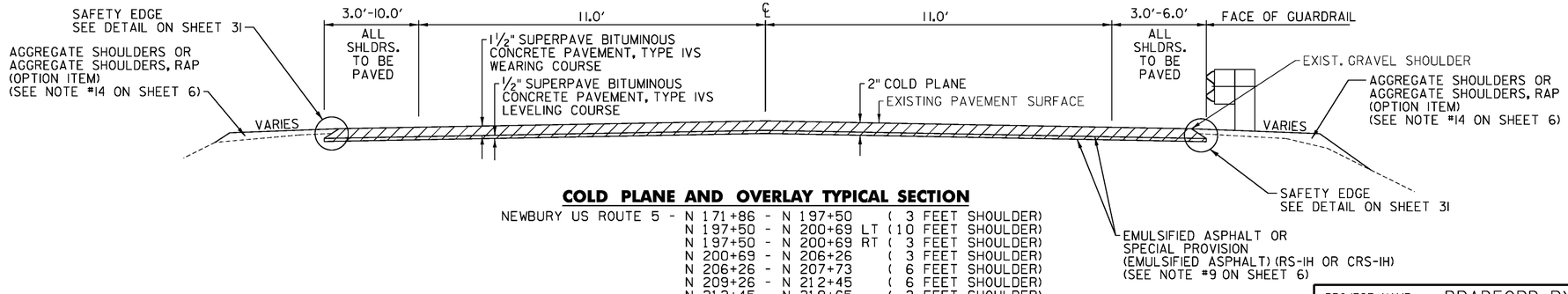
LEVEL AND OVERLAY TYPICAL SECTION

BRADFORD US ROUTE 5 -	192+28	216+00	(4 FEET SHOULDER)
	216+00	249+50	(3 FEET SHOULDER)
	249+50	277+83	(4 FEET SHOULDER)
	278+61	309+14	(4 FEET SHOULDER)
NEWBURY US ROUTE 5 -	N 0+00	N 27+70	(4 FEET SHOULDER)
	N 27+70	N 34+17	(5 FEET SHOULDER)
	N 34+17	N 40+90 LT	(6 FEET SHOULDER)
	N 34+17	N 40+90 RT	(7 FEET SHOULDER)
	N 40+90	N 52+41	(7 FEET SHOULDER)
	N 53+48	N 68+00	(5 FEET SHOULDER)
	N 68+00	N 76+50	(4 FEET SHOULDER)
	N 76+50	N 155+30	(3 FEET SHOULDER)
	N 155+30	N 158+50 LT	(3 FEET SHOULDER)
	N 155+30	N 158+50 RT	(2 FEET SHOULDER)
	N 158+50	N 171+86	(3 FEET SHOULDER)



COLD PLANE AND OVERLAY TYPICAL SECTION

BRADFORD US ROUTE 5 -	119+58	120+92	BRIDGE	91
NEWBURY US ROUTE 5 -	277+83	278+61	BRIDGE	93
	N 52+41	N 53+48	BRIDGE	97
	N 207+73	N 209+26	BRIDGE	99
	N 308+90	N 312+09	BRIDGE	102
US ROUTE 302 -	M 244+98	M 245+47	BRIDGE	47



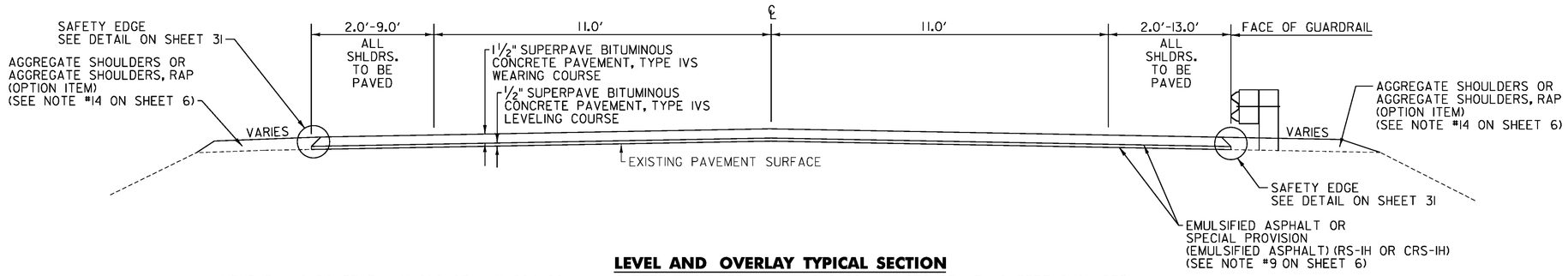
COLD PLANE AND OVERLAY TYPICAL SECTION

NEWBURY US ROUTE 5 -	N 171+86	N 197+50	(3 FEET SHOULDER)
	N 197+50	N 200+69 LT	(10 FEET SHOULDER)
	N 197+50	N 200+69 RT	(3 FEET SHOULDER)
	N 200+69	N 206+26	(3 FEET SHOULDER)
	N 206+26	N 207+73	(6 FEET SHOULDER)
	N 209+26	N 212+45	(6 FEET SHOULDER)
	N 212+45	N 219+65	(3 FEET SHOULDER)

NOT TO SCALE

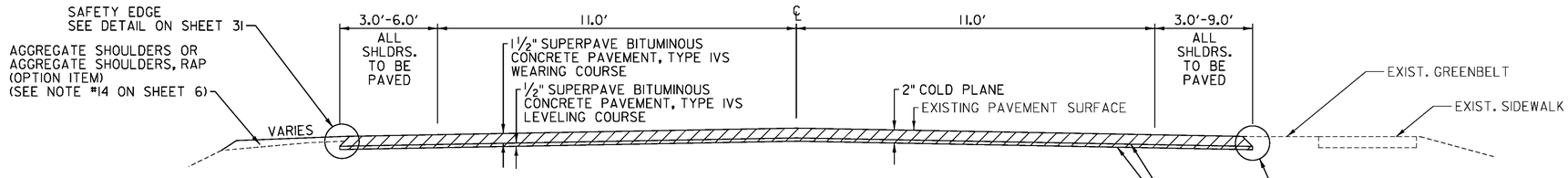
PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
TYPICAL SECTIONS SHEET 3	SHEET 9 OF 239

CLD 14-0278



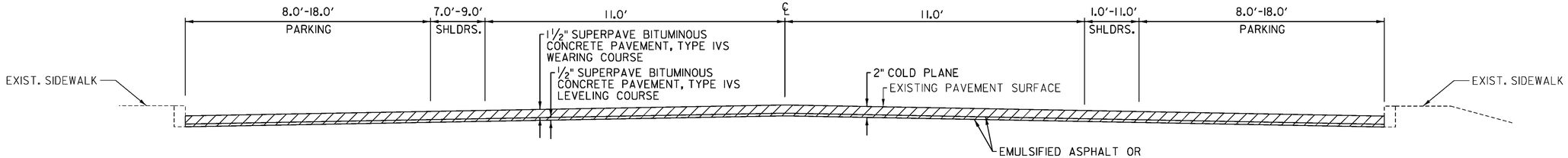
LEVEL AND OVERLAY TYPICAL SECTION

NEWBURY US ROUTE 5 - N 219+65 - N 224+00 (3 FEET SHOULDER)
N 224+00 - N 231+70 LT (9 FEET SHOULDER)
N 224+00 - N 225+56 RT (8 FEET SHOULDER)
N 225+56 - N 231+70 RT (13 FEET SHOULDER)
N 231+70 - N 266+77 (3 FEET SHOULDER)
N 266+77 - N 308+90 (4 FEET SHOULDER)
N 312+09 - N 313+89 (3 FEET SHOULDER)
N 313+89 - N 373+35 LT (3 FEET SHOULDER)
N 313+89 - N 426+96 RT (4 FEET SHOULDER)
N 373+35 - N 423+10 LT (4 FEET SHOULDER)
N 423+10 - N 464+83 LT (3 FEET SHOULDER)
N 426+96 - N 436+46 RT (3 FEET SHOULDER)
N 436+46 - N 472+55 RT (4 FEET SHOULDER)
N 464+83 - N 472+55 LT (4 FEET SHOULDER)



COLD PLANE AND OVERLAY TYPICAL SECTION

NEWBURY US ROUTE 5 - N 472+55 - N 480+50 RT (4 FEET SHOULDER)
N 472+55 - N 482+07 LT (4 FEET SHOULDER)
N 480+50 - N 486+55 RT (3 FEET SHOULDER)
N 482+07 - N 489+20 LT (3 FEET SHOULDER)
N 486+55 - N 491+33 RT (4 FEET SHOULDER)
N 489+20 - N 491+90 LT (5 FEET SHOULDER)
N 491+33 - N 492+40 RT (9 FEET SHOULDER)
N 491+90 - N 494+18 LT (6 FEET SHOULDER)
N 492+40 - N 494+18 RT (5 FEET SHOULDER)



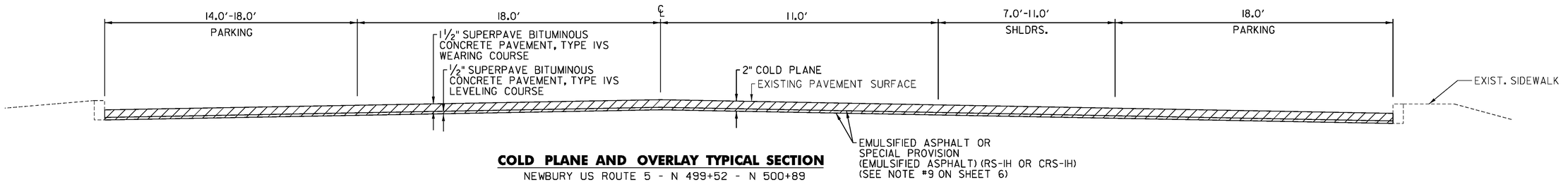
COLD PLANE AND OVERLAY TYPICAL SECTION

NEWBURY US ROUTE 5 - N 494+18 - N 499+52

NOT TO SCALE

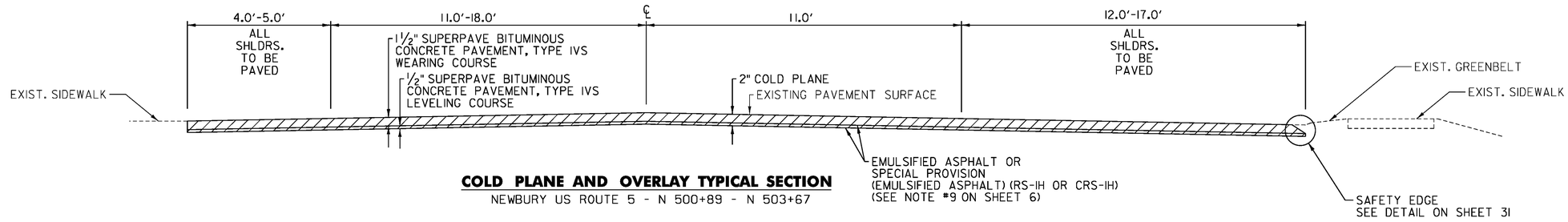
PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
TYPICAL SECTIONS SHEET 4	SHEET 10 OF 239

CLD 14-0278



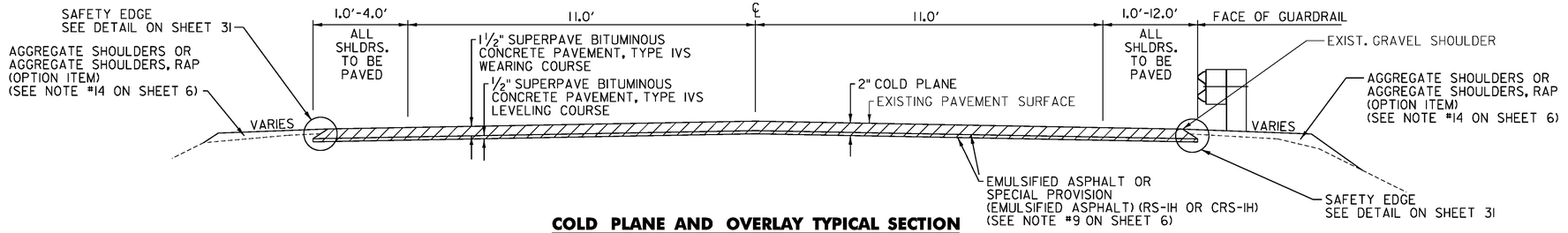
COLD PLANE AND OVERLAY TYPICAL SECTION

NEWBURY US ROUTE 5 - N 499+52 - N 500+89



COLD PLANE AND OVERLAY TYPICAL SECTION

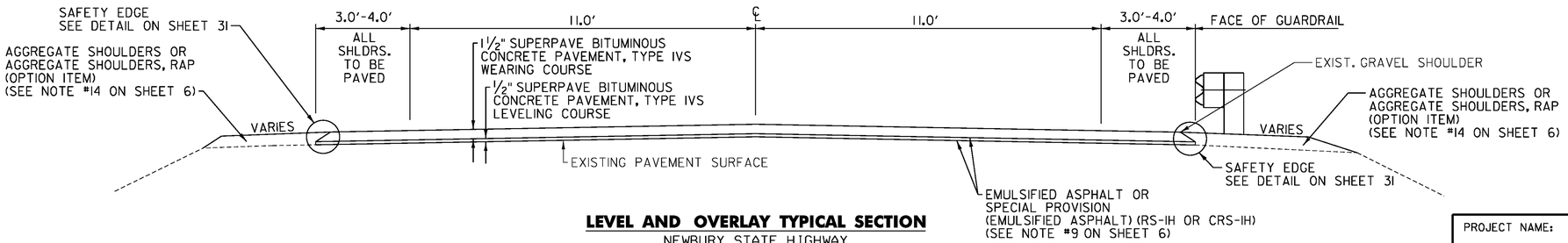
NEWBURY US ROUTE 5 - N 500+89 - N 503+67



COLD PLANE AND OVERLAY TYPICAL SECTION

NEWBURY US ROUTE 5 - N 504+35 - N 505+18 LT (4 FEET SHOULDER)
N 504+35 - N 505+33 RT (12 FEET SHOULDER)
N 505+33 - N 513+24 RT (3 FEET SHOULDER)
N 505+18 - N 517+69 LT (3 FEET SHOULDER)
N 513+24 - N 515+91 RT (1 FEET SHOULDER)
N 515+91 - N 517+69 RT (3 FEET SHOULDER)

RYEGATE US ROUTE 5 - R 0+00 - R 19+25 LT (3 FEET SHOULDER)
R 0+00 - R 2+15 RT (3 FEET SHOULDER)
R 2+15 - R 6+45 RT (2 FEET SHOULDER)
R 6+45 - R 17+93 RT (3 FEET SHOULDER)
R 17+93 - R 28+00 RT (4 FEET SHOULDER)
R 19+25 - R 20+65 LT (2 FEET SHOULDER)
R 20+65 - R 48+05 LT (3 FEET SHOULDER)
R 28+00 - R 33+40 RT (3 FEET SHOULDER)
R 33+40 - R 58+00 RT (4 FEET SHOULDER)
R 48+05 - R 51+03 LT (4 FEET SHOULDER)
R 51+03 - R 60+45 LT (3 FEET SHOULDER)
R 58+00 - R 60+45 RT (2 FEET SHOULDER)



LEVEL AND OVERLAY TYPICAL SECTION

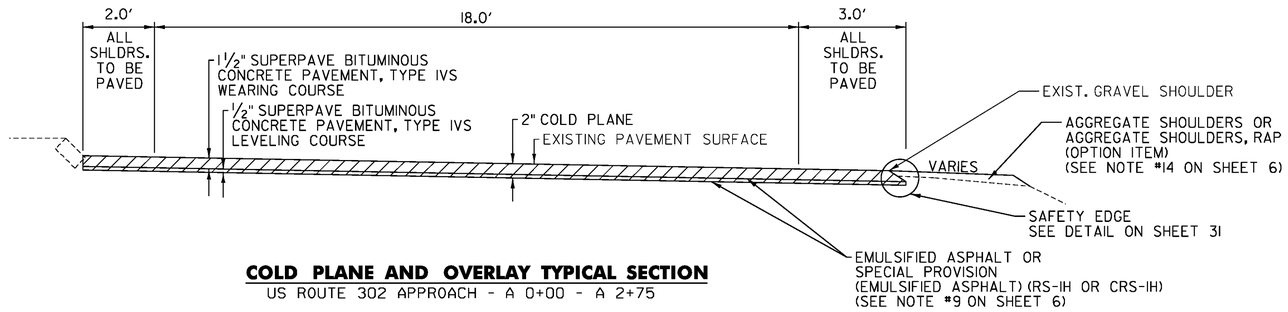
NEWBURY STATE HIGHWAY

0+14 - 3+75 LT (3 FEET SHOULDER)
3+75 - 21+98 LT (4 FEET SHOULDER)
21+98 - 24+48.5 LT (3 FEET SHOULDER)
0+14 - 21+50 RT (4 FEET SHOULDER)
21+50 - 24+48.5 RT (3 FEET SHOULDER)

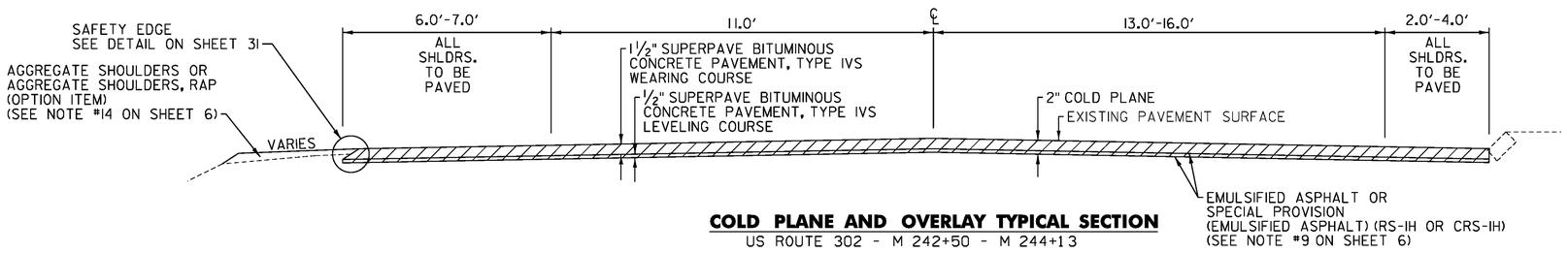
NOT TO SCALE

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PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
TYPICAL SECTIONS SHEET 5	SHEET 11 OF 239

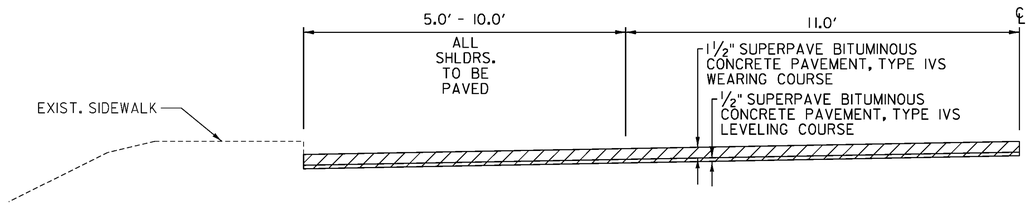
CLD 14-0278



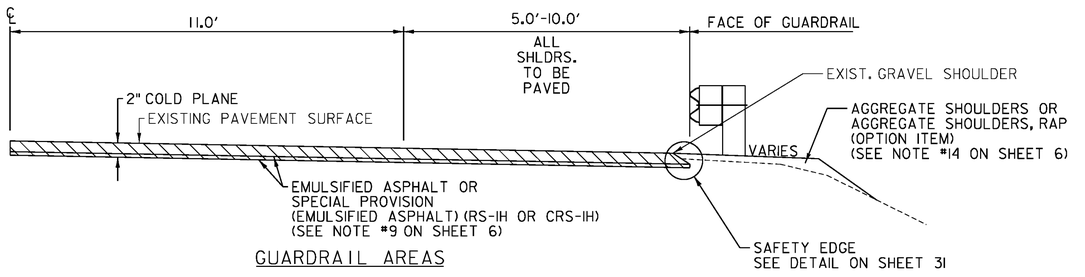
COLD PLANE AND OVERLAY TYPICAL SECTION
US ROUTE 302 APPROACH - A 0+00 - A 2+75



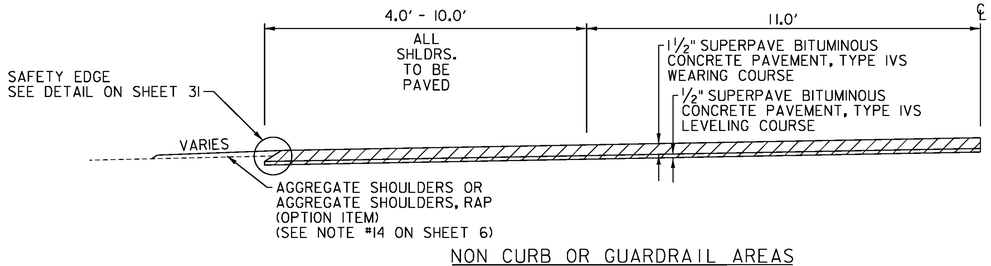
COLD PLANE AND OVERLAY TYPICAL SECTION
US ROUTE 302 - M 242+50 - M 244+13



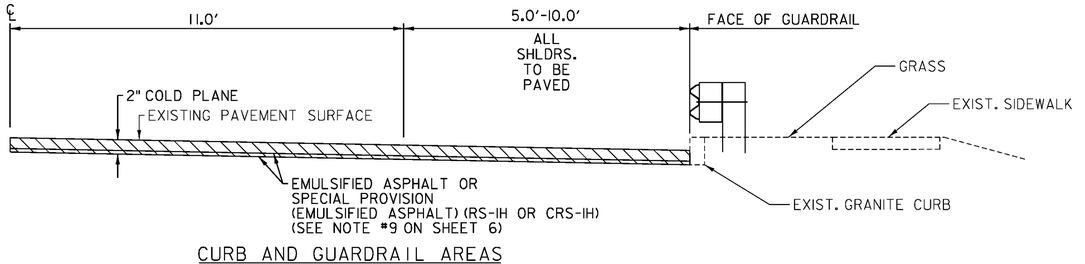
CURB AND SIDEWALK AREAS



GUARDRAIL AREAS



NON CURB OR GUARDRAIL AREAS



CURB AND GUARDRAIL AREAS

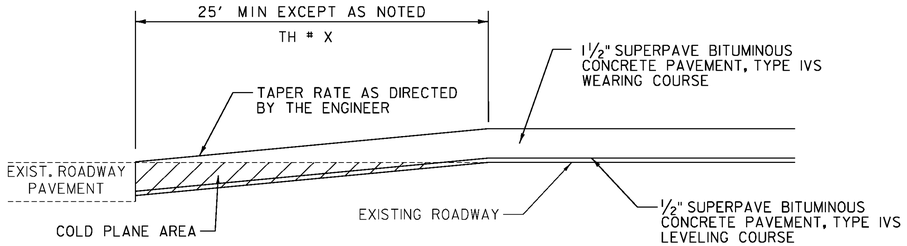
COLD PLANE AND OVERLAY TYPICAL SECTIONS

US ROUTE 302 - M 244+70 - M 244+98 LT (5 - 9 FEET SHOULDER)
M 244+70 - M 244+98 RT (4 -10 FEET SHOULDER)
M 245+47 - M 251+60 LT (5 -10 FEET SHOULDER)
M 245+47 - M 248+68 RT (5 -10 FEET SHOULDER)
M 248+68 - M 251+99 RT (5 FEET SHOULDER)
M 251+60 - M 257+72 LT (5 FEET SHOULDER)
M 251+99 - M 259+33 RT (2.4-8 FEET SHOULDER)
M 257+72 - M 259+33 LT (2.5-7 FEET SHOULDER)

NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
TYPICAL SECTIONS SHEET 6	SHEET 12 OF 239

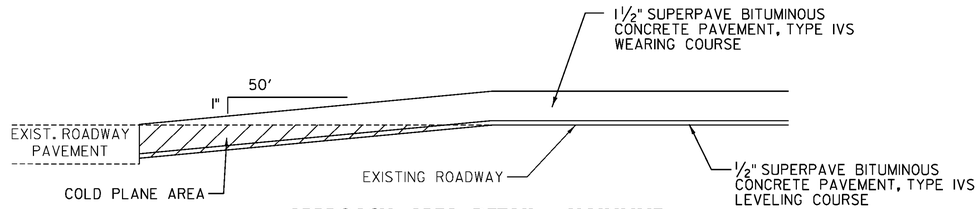
CLD 14-0278



APPROACH AREA DETAIL
FOR PAVED TOWN HIGHWAYS
IN LEVEL AND OVERLAY AREAS

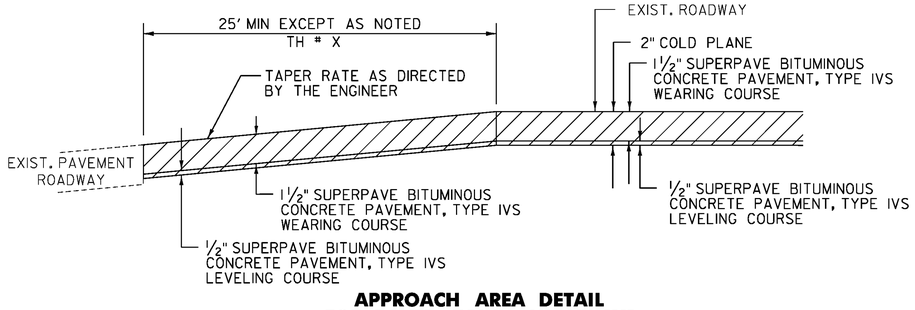
BRADFORD - TH 56 - 205+85 (BLUE SPRUCE DR)
TH 17 - 276+81 (ROARING BROOK RD)
TH 43 - 295+44 (OLD ROUTE 5)
TH 18 - 304+07 (OLD ROUTE 5)

NEWBURY - TH 84 - N 35+70 (DOE HILL RD)
TH 1 - N 55+22 (SNAKE RD)
TH 74 - N 58+53 (SCOTT RD)
TH 83 - N 66+63 (SCOTT RD)
TH 55 - N 133+61 (MOORE HILL RD)
TH 54 - N 225+22 (MONTEBELLO RD)
TH 52 - N 233+93 (OXBOW RD)
TH 39 - N 402+72 (LEDGER RD)
TH 30 - N 402+95 (ROUND BARN RD)
TH 31 - N 417+34 (BALDWIN RD)



APPROACH AREA DETAIL – MAINLINE
IN LEVEL AND OVERLAY AREAS

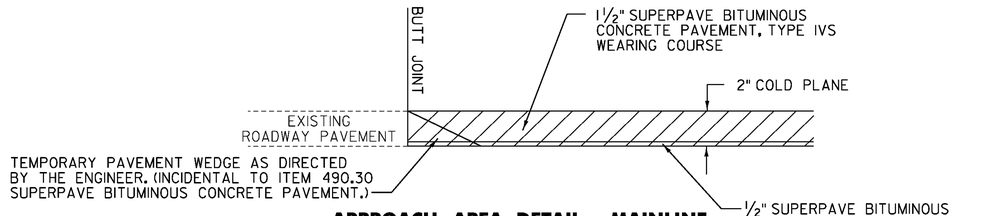
BRADFORD US ROUTE 5 - 171+30 TO 172+30
NEWBURY US ROUTE 5 - N 170+86 TO N 171+86
N 219+65 TO N 220+65
N 471+55 TO N 472+55



APPROACH AREA DETAIL
FOR PAVED TOWN HIGHWAYS
IN COLD PLANE AND OVERLAY AREAS

BRADFORD - VT 25B - 125+99 (SOUTH MAIN STREET)
TH 68 - 126+34 (BARTON STREET)
TH 63 - 127+87 (BANK STREET)
TH 74 - 132+09 (KD WELCH SERVICE RD)
TH 67 - 140+39 (DOE MEADOW LANE)
TH 69 - 152+92 (WRIGHTS AVE)
TH 66 - 154+89 (DEPOT STREET)
TH 3 - 159+02 (FAIRGROUND RD)

NEWBURY - TH 53 - N 193+32 (PULASKI STREET)
TH 53 - N 193+96 (PULASKI STREET)
TH 4 - N 197+27 (CHAPEL STREET)
TH 4 - N 198+35 (CHAPEL STREET)
TH 81 - N 202+61 (PINE STREET)
TH 76 - N 210+53 (OXBOW ROAD)
TH 407 - N 475+31 (ELM STREET)
TH 414 - N 481+57 (TULLAR RD)
TH 405 - N 494+05 (CENTER STREET)
TH 406 - N 496+96 (CREAMERY STREET)
TH 410 - N 502+79 (MAPLE STREET)
TH 415 - N 504+42 (WATER STREET)
TH 412 - N 510+03 (SCHAEFFER HILL RD)
TH 403 - N 511+26 (BIBLE HILL RD)



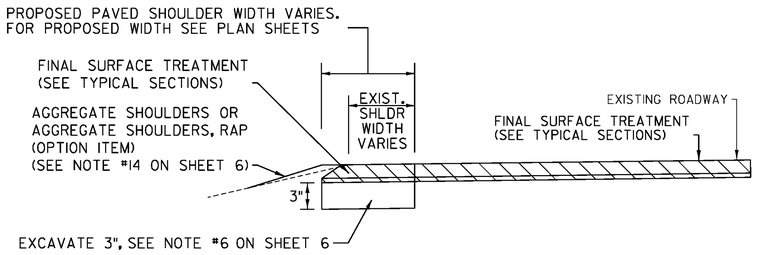
APPROACH AREA DETAIL – MAINLINE
IN COLD PLANE AND OVERLAY AREAS

BRADFORD US ROUTE 5 - 82+42
RYEGATE US ROUTE 5 - R 60+45
NEWBURY US ROUTE 302 - M 242+50
NEWBURY US ROUTE 302 - M 259+33

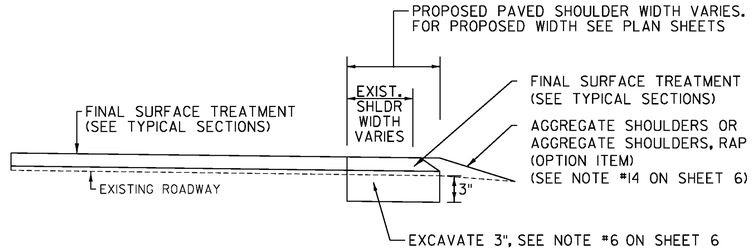
NOT TO SCALE

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PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
TYPICAL SECTIONS SHEET 7	SHEET 13 OF 239

CLD 14-0278

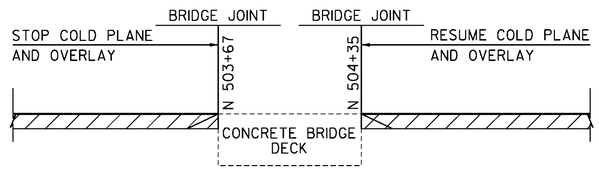


COLD PLANE AND OVERLAY AREAS



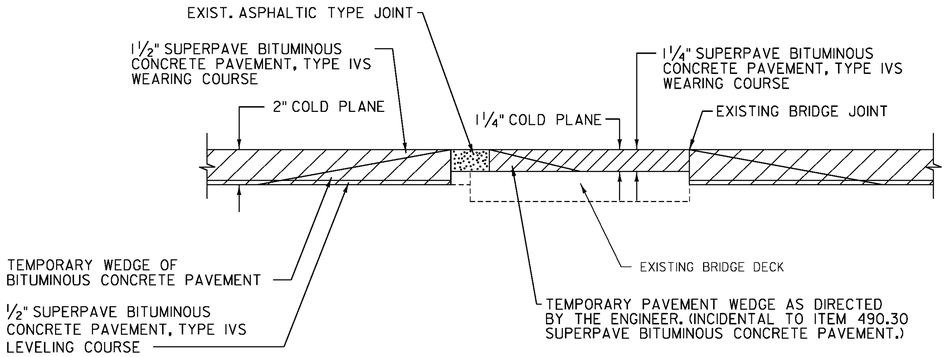
LEVEL AND OVERLAY AREAS

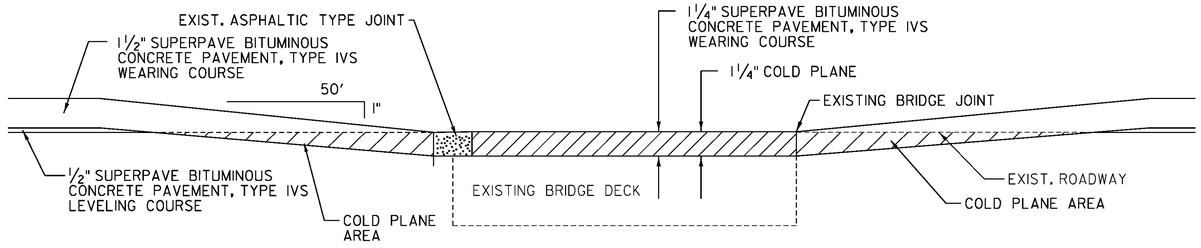
SHOULDER RECONSTRUCTION DETAIL



BRIDGE APPROACH
STOP /RESUME WORK DETAIL

BRIDGE 106





BRIDGE APPROACH DETAIL IN COLD PLANE AND OVERLAY AREAS

ASPHALTIC PLUG-TYPE JOINT
BRADFORD US ROUTE 5
BRIDGE 91 - 120+92 TO 121+92
NEWBURY US ROUTE 5
BRIDGE 99 - N 206+73 TO N 207+73
N 209+26 TO N 210+26
US ROUTE 302
BRIDGE 47 - M 244+70 TO M 244+98
M 245+47 TO M 246+47

FIXED BRIDGE JOINT
BRADFORD US ROUTE 5
BRIDGE 91 - 118+61 TO 119+61

BRIDGE APPROACH DETAIL IN LEVEL AND OVERLAY AREAS

ASPHALTIC PLUG-TYPE JOINT
BRADFORD US ROUTE 5
BRIDGE 93 - 278+61 TO 279+61
NEWBURY US ROUTE 5
BRIDGE 97 - N 51+41 TO N 52+41
BRIDGE 97 - N 53+48 TO N 54+48
BRIDGE 102 - N 307+90 TO N 308+90
N 312+09 TO N 313+09

FIXED BRIDGE JOINT
BRADFORD US ROUTE 5
BRIDGE 93 - 276+83 TO 277+83

NOT TO SCALE

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FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
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DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
TYPICAL SECTIONS SHEET 8	SHEET 14 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 1

SUMMARY OF ESTIMATED QUANTITIES									TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
ROADWAY US 5	ROADWAY US 5 (NO FED /STATE PART.)	TRAINING	RAILROAD - BID ITEMS	BRIDGE NO. 109	BRIDGE	FULL C.E. ITEMS	ROADWAY NEWBURY SH	ROADWAY US 302	ROADWAY US 302 (NO FED /STATE PART.)	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
9										9		EACH	THINNING AND TRIMMING FOR SIGNS	201.31	-			**COMMON EXCAVATION**
																72.7	CY	US 5
78			222							300		CY	COMMON EXCAVATION	203.15	5.3	222	CY	RAILROAD
10										10		CY	SOLID ROCK EXCAVATION	203.16	2	294.7	CY	SUBTOTAL
																5.3	CY	ROUNDING
40										40		CY	EXCAVATION OF SURFACES AND PAVEMENTS	203.28	2	300	CY	TOTAL
3075							50	75		3200		CY	EARTH BORROW	203.30	EST.			
																		COLD PLANING, BITUMINOUS PAVEMENT
5160							480			5640		LF	SHOULDER BERM REMOVAL	203.40	EST.	93369	SY	US 5
																6461	SY	US 302
1							1	1		3		CY	TRENCH EXCAVATION OF EARTH, EXPLORATORY (N.A.B.I.)	204.22	-	2881	SY	US 5 TOWN HIGHWAYS
																174	SY	US 302 TOWN HIGHWAYS
96300								6700		103000		SY	COLD PLANING, BITUMINOUS PAVEMENT	210.10	115			
																102885	SY	SUBTOTAL
37480							2220			39700		LF	MILLED RUMBLE STRIPS (CENTERLINE)	213.10	45	115	SY	ROUNDING
																103000	SY	TOTAL
15700							300			16000		TON	SUBBASE OF CRUSHED GRAVEL, FINE GRADED	301.28	EST.			
55										55		CY	SUBBASE OF DENSE GRADED CRUSHED STONE	301.35	3			**SUPERPAVE BITUMINOUS CONCRETE PAVEMENT**
																		US 5
													BEGIN OPTION AA			24230	TON	TYPE IVS, WEARING COURSE
																8077	TON	TYPE IVS, LEVELING COURSE
5000							165	105		5270		TON	AGGREGATE SHOULDERS	402.12	44	182	TON	BRIDGES, TYPE IVS, WEARING COURSE
																537	TON	TOWN HIGHWAYS, TYPE IVS, WEARING COURSE
5000							165	105		5270		TON	AGGREGATE SHOULDERS, RAP	402.13	44	1523	TON	SPOT LEVELING
													END OPTION AA					NEWBURY STATE HIGHWAY
																700	TON	TYPE IVS, WEARING COURSE
													BEGIN OPTION BB			233	TON	TYPE IVS, LEVELING COURSE
																46	TON	SPOT LEVELING
2800							80	65		2945		CWT	EMULSIFIED ASPHALT	404.65	14	8	TON	TYPE IIS BASE COURSE - RAILROAD
2800							80	65		2945		CWT	SPECIAL PROVISION (EMULSIFIED ASPHALT) (RS-1H OR CRS-1H)	900.683	14			US 302
																546	TON	TYPE IVS, WEARING COURSE
													END OPTION BB			182	TON	TYPE IVS, LEVELING COURSE
																16	TON	BRIDGES, TYPE IVS, WEARING COURSE
1							1	1		3		LU	PRICE ADJUSTMENT, ASPHALT CEMENT (N.A.B.I.)	406.50	-	20	TON	TOWN HIGHWAYS, TYPE IVS, WEARING COURSE
																31	TON	SPOT LEVELING
34600			8				1000	800		36408		TON	SUPERPAVE BITUMINOUS CONCRETE PAVEMENT	490.30	77			
																36331	TON	SUBTOTAL
1							1	1		3		LU	AIR VOIDS PAY ADJUSTMENT (N.A.B.I.)	490.31	-	77	TON	ROUNDING
																36408	TON	TOTAL
1							1	1		3		LU	MAT DENSITY PAY ADJUSTMENT (N.A.B.I.)	490.32	-			
1										1		LU	SURFACE TOLERANCE PAY ADJUSTMENT (N.A.B.I.) (NON-LIMITED ACCESS	490.33	-			
													HIGHWAY)					
1										1		LU	LONGITUDINAL JOINT COMPACTION PAY ADJUSTMENT (N.A.B.I.)	490.34	-			
				2						2		CY	CONCRETE, HIGH PERFORMANCE CLASS B	501.34	0.98			
				460						460		SF	PERMANENT STEEL SHEET PILING (Z MIN. = 18.1 IN^3)	505.35	2.4			
				94						94		LB	REINFORCING STEEL, LEVEL I	507.11	0.91			
				1						1		GAL	WATER REPELLENT, SILANE	514.10	0.44			
						870				870		LF	BRIDGE EXPANSION JOINT, ASPHALTIC PLUG	516.10	10			
1.5										1.5		CY	CONCRETE, CLASS C	541.30	0.3			
						400				400		CF	RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE	580.20	EST.			
150										150		LF	12" CSP .064 (2-2/3 X 1/2)	601.0005	EST.			
30										30		LF	CLEANING CULV. PIPE, IN-PLACE [0 TO 24 IN., INCL.]	601.995	EST.			
1	1									2		EACH	CHANGING ELEVATION OF DROP INLETS, CATCH BASINS, OR MANHOLES	604.40	-			
70							2	7		79		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I	604.412	EST.			
9							1	1		11		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS II	604.415	EST.			
9										9		EACH	REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS III	604.418	EST.			
	9								3	12		EACH	CHANGING ELEVATION OF SEWER MANHOLES	604.42	-			
140							5	5		150		HR	POWER GRADER RENTAL	608.15	EST.			

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
QUANTITY SHEET I

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 15 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 2

SUMMARY OF ESTIMATED QUANTITIES								TOTALS		DESCRIPTIONS			
ROADWAY US 5	ROADWAY US 5 (NO FED /STATE PART.)	TRAINING	RAILROAD - BID ITEMS	BRIDGE NO. 109	BRIDGE	FULL C.E. ITEMS	ROADWAY NEWBURY SH	ROADWAY US 302	ROADWAY US 302 (NO FED /STATE PART.)	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND
801							27	22		850		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE I	608.25	EST.
20										20		HR	ALL PURPOSE EXCAVATOR RENTAL, TYPE II (PNEUMATIC HAMMER)	608.26	EST.
90							5	5		100		HR	POWER BROOM RENTAL, TYPE I	608.30	EST.
190								10		200		HR	POWER BROOM RENTAL, TYPE II	608.31	EST.
1650							55	45		1750		HR	TRUCK RENTAL	608.37	EST.
80							10	10		100		HR	LOADER RENTAL, TYPE I	608.40	EST.
685										685		CY	STONE FILL, TYPE I	613.10	8
185										185		LF	VERTICAL GRANITE CURB	616.21	5.5
95										95		LF	TREATED TIMBER CURB	616.35	-
110										110		LF	REMOVAL OF EXISTING CURB	616.41	5
90							1			91		TON	BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS	616.47	0.7
290										290		SY	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	618.10	5.1
270										270		SF	DETECTABLE WARNING SURFACE	618.30	2
40							10			50		EACH	YIELDING MARKER POSTS	619.17	EST.
18075							100	275		18450		LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	172.5
2850										2850		LF	STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS	621.205	32.5
25								75		100		LF	STEEL BEAM GUARDRAIL, GALVANIZED/NESTED	621.206	-
50										50		LF	STEEL BEAM GUARDRAIL, GALVANIZED/NESTED W/8 FEET POSTS	621.207	-
2										2		EACH	TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL	621.53	-
118							2	3		123		EACH	ANCHOR FOR STEEL BEAM RAIL	621.60	-
								1		1		EACH	GUARDRAIL APPROACH SECTION, GALVANIZED 2 RAIL BOX BEAM	621.72	-
8										8		EACH	GUARDRAIL APPROACH SECTION, GALV HD STEEL BEAM	621.737	-
26925							175			27100		LF	REMOVE AND RESET GUARDRAIL	621.75	95.5
150										150		EACH	REPLACE GUARDRAIL POST ASSEMBLY	621.76	-
75										75		EACH	REPLACE GUARDRAIL BEAM UNIT	621.77	-
20725							100	375		21200		LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	186
							60			60		LF	TEMPORARY TRAFFIC BARRIER	621.90	-
	7									7		EACH	ADJUST ELEVATION OF VALVE BOX	629.20	-
3050							100	75		3225		HR	UNIFORMED TRAFFIC OFFICERS	630.10	EST.
12200							375	250		12825		HR	FLAGGERS	630.15	EST.
						1				1		LS	FIELD OFFICE, ENGINEERS	631.10	-
						1				1		LS	TESTING EQUIPMENT, CONCRETE	631.16	-
						1				1		LS	TESTING EQUIPMENT, BITUMINOUS	631.17	-
						3000				3000		DL	FIELD OFFICE TELEPHONE (N.A.B.I.)	631.26	-
		520								520		HR	EMPLOYEE TRAINEESHIP	634.10	-
							1			1		LS	MOBILIZATION/DEMOBILIZATION (NEWBURY STATE HIGHWAY)	635.11	-
								1		1		LS	MOBILIZATION/DEMOBILIZATION (US 302)	635.11	-
1										1		LS	MOBILIZATION/DEMOBILIZATION (US 5)	635.11	-
							1			1		LS	TRAFFIC CONTROL (NEWBURY STATE HIGHWAY)	641.10	-
								1		1		LS	TRAFFIC CONTROL (US 302)	641.10	-

DETAILED SUMMARY OF QUANTITIES		
QUANTITIES	UNIT	ITEMS

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
QUANTITY SHEET 2

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 16 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 3

SUMMARY OF ESTIMATED QUANTITIES									TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
ROADWAY US 5	ROADWAY US 5 (NO FED /STATE PART.)	TRAINING	RAILROAD - BID ITEMS	BRIDGE NO. 109	BRIDGE	FULL C.E. ITEMS	ROADWAY NEWBURY SH	ROADWAY US 302	ROADWAY US 302 (NO FED /STATE PART.)	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
1										1		LS	TRAFFIC CONTROL (US 5)	641.10	-			
2							2	4		8		EACH	PORTABLE CHANGEABLE MESSAGE SIGN	641.15	-			
													BEGIN OPTION CC					
166100							5000	3500		174600		LF	DURABLE 4 INCH WHITE LINE, THERMOPLASTIC	646.402	1159			
166100							5000	3500		174600		LF	DURABLE 4 INCH WHITE LINE, EPOXY PAINT	646.403	1159			
166100							5000	3500		174600		LF	DURABLE 4 INCH WHITE LINE, POLYUREA	646.404	1159			
													END OPTION CC					
													BEGIN OPTION DD					
106600							2700	3250		112550		LF	DURABLE 4 INCH YELLOW LINE, THERMOPLASTIC	646.412	377			
106600							2700	3250		112550		LF	DURABLE 4 INCH YELLOW LINE, EPOXY PAINT	646.413	377			
106600							2700	3250		112550		LF	DURABLE 4 INCH YELLOW LINE, POLYUREA	646.414	377			
													END OPTION DD					
													BEGIN OPTION EE					
37700							2300			40000		LF	DURABLE 4 INCH YELLOW LINE, EPOXY PAINT	646.413	345			
37700							2300			40000		LF	DURABLE 4 INCH YELLOW LINE, POLYUREA	646.414	345			
													END OPTION EE					
													BEGIN OPTION FF					
3730								15		3745		LF	DURABLE 8 INCH WHITE LINE, THERMOPLASTIC	646.442	8			
3730								15		3745		LF	DURABLE 8 INCH WHITE LINE, EPOXY PAINT	646.443	8			
3730								15		3745		LF	DURABLE 8 INCH WHITE LINE, POLYUREA	646.444	8			
													END OPTION FF					
													BEGIN OPTION GG					
1750										1750		LF	DURABLE 8 INCH YELLOW LINE, THERMOPLASTIC	646.452	15			
1750										1750		LF	DURABLE 8 INCH YELLOW LINE, EPOXY PAINT	646.453	15			
1750										1750		LF	DURABLE 8 INCH YELLOW LINE, POLYUREA	646.454	15			
													END OPTION GG					
													BEGIN OPTION HH					
470							15	80		565		LF	DURABLE 24 INCH STOP BAR, THERMOPLASTIC	646.482	8			
470							15	80		565		LF	DURABLE 24 INCH STOP BAR, POLYUREA	646.484	8			
													END OPTION HH					
													BEGIN OPTION II					
137							13	16		166		EACH	DURABLE LETTER OR SYMBOL, THERMOPLASTIC	646.492	-			
137							13	16		166		EACH	DURABLE LETTER OR SYMBOL, POLYUREA	646.494	-			
													END OPTION II					
													BEGIN OPTION JJ					
900										900		LF	DURABLE CROSSWALK MARKING, THERMOPLASTIC	646.502	9			
900										900		LF	DURABLE CROSSWALK MARKING, POLYUREA	646.504	9			
													END OPTION JJ					

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QUANTITY SHEET 3

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 17 OF 239

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STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 4

SUMMARY OF ESTIMATED QUANTITIES								TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
ROADWAY US 5	ROADWAY US 5 (NO FED /STATE PART.)	TRAINING	RAILROAD - BID ITEMS	BRIDGE NO. 109	BRIDGE	FULL C.E. ITEMS	ROADWAY NEWBURY SH	ROADWAY US 302	ROADWAY US 302 (NO FED /STATE PART.)	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
													BEGIN OPTION KK					**SEED**
																		US 5
							2			2		EACH	DURABLE RAILROAD CROSSING SYMBOL, THERMOPLASTIC	646.512	-	100	LB	ANCHORS FOR STEEL BEAM RAIL
																127	LB	DITCHING
							2			2		EACH	DURABLE RAILROAD CROSSING SYMBOL, POLYUREA	646.514	-	20	LB	GRASS ISLANDS
																2953	LB	SHOULDER/SIDE SLOPES
													END OPTION KK					
																		NEWBURY STATE HIGHWAY
220285							5000	7000		232285		LF	TEMPORARY 4 INCH WHITE LINE, PAINT	646.602	292	5	LB	ANCHORS FOR STEEL BEAM RAIL
																4	LB	DITCHING
198810							4900	6500		210210		LF	TEMPORARY 4 INCH YELLOW LINE, PAINT	646.612	126	66	LB	SHOULDER RECONSTRUCTION
7460								25		7485		LF	TEMPORARY 8 INCH WHITE LINE, PAINT	646.642	11			US 302
																25	LB	ANCHORS FOR STEEL BEAM RAIL
950							25	160		1135		LF	TEMPORARY 24 INCH STOP BAR, PAINT	646.682	21			
																3300	LB	SUBTOTAL
408							13	32		453		EACH	TEMPORARY LETTER OR SYMBOL, PAINT	646.692	-	0	LB	ROUNDING
																3300	LB	TOTAL
1800										1800		LF	TEMPORARY CROSSWALK MARKING, PAINT	646.702	18			
							4			4		EACH	TEMPORARY RAILROAD CROSSING SYMBOL, PAINT	646.712	-			**SPECIAL PROVISION**
																		(MATERIAL TRANSFER VEHICLE)
32300							1000	700		34000		EACH	LINE STRIPING TARGETS	646.76	156			US 5
																24230	TON	TYPE IVS, WEARING COURSE
225								145		370		LF	PAINTED CURB	646.81	6	8077	TON	TYPE IVS, LEVELING COURSE
																182	TON	BRIDGES, TYPE IVS, WEARING COURSE
245										245		SY	GEOTEXTILE FOR SILT FENCE	649.51	3	537	TON	TOWN HIGHWAYS, TYPE IVS, WEARING COURSE
																1523	TON	SPOT LEVELING
3200							75	25		3300		LB	SEED	651.15	EST.			
																		NEWBURY STATE HIGHWAY
10500							200	50		10750		LB	FERTILIZER	651.18	EST.	700	TON	TYPE IVS, WEARING COURSE
																233	TON	TYPE IVS, LEVELING COURSE
28							1	1		30		TON	AGRICULTURAL LIMESTONE	651.20	EST.	46	TON	SPOT LEVELING
28							1	1		30		TON	HAY MULCH	651.25	EST.			US 302
																546	TON	TYPE IVS, WEARING COURSE
1125							35	15		1175		CY	TOPSOIL	651.35	EST.	182	TON	TYPE IVS, LEVELING COURSE
																16	TON	BRIDGES, TYPE IVS, WEARING COURSE
1340										1340		SY	GRUBBING MATERIAL (6")	651.40	18	20	TON	TOWN HIGHWAYS, TYPE IVS, WEARING COURSE
																31	TON	SPOT LEVELING
8950							175	75		9200		SY	TEMPORARY EROSION MATTING	653.20	79			
																36323	TON	SUBTOTAL
1475							49	136		1660		SF	TRAFFIC SIGNS, TYPE A	675.20	3.66	77	TON	ROUNDING
																36400	TON	TOTAL
205								260		465		LB	TUBULAR STEEL SIGN POST	675.33	4.8			
5165							360	110		5635		LF	SQUARE TUBE SIGN POST AND ANCHOR	675.341	-			
2								2		4		EACH	FOUNDATION FOR TUBULAR STEEL POST	675.43	-			
442							27	5		474		EACH	REMOVING SIGNS	675.50	-			
41							23	1		65		EACH	ERECTING SALVAGED SIGNS	675.60	-			
153							4	3		160		EACH	DELINEATOR WITH STEEL POST	676.10	EST.			
159							4	3		166		EACH	REMOVAL OF EXISTING DELINEATOR	676.12	EST.			
1050							20			1070		EACH	REMOVE AND REPLACE REFLECTOR UNIT	676.15	EST.			
								220		220		LF	VEHICLE LOOP DETECTOR	678.22	3			
1							1	1		3		LU	PRICE ADJUSTMENT, FUEL (N.A.B.I.)	690.50	-			
7										7		EACH	SPECIAL PROVISION (CPM SCHEDULE)	900.620	-			
			50							50		EACH	SPECIAL PROVISION (REMOVAL AND REPLACEMENT OF CROSS TIES)	900.620	-			
4										4		EACH	SPECIAL PROVISION (SOIL BEARING SLIP BASE) (2 1/2")	900.620	-			
2										2		EACH	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALVANIZED) (16 FEET RADIUS)	900.620	-			
1										1		EACH	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALVANIZED) (25 FEET RADIUS)	900.620	-			
1										1		EACH	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALVANIZED) (35 FEET RADIUS)	900.620	-			
20										20		EACH	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALVANIZED) (8 FEET RADIUS)	900.620	-			
30										30		LF	SPECIAL PROVISION (PEDESTRIAN HAND RAILING)	900.640	4			

PROJECT NAME: BRADFORD-RYEGATE
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DESIGNED BY: N. LEMAY
QUANTITY SHEET 4

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 18 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

QUANTITY SHEET 5

SUMMARY OF ESTIMATED QUANTITIES									TOTALS		DESCRIPTIONS				DETAILED SUMMARY OF QUANTITIES		
ROADWAY US 5	ROADWAY US 5 (NO FED /STATE PART.)	TRAINING	RAILROAD - BID ITEMS	BRIDGE NO. 109	BRIDGE	FULL C.E. ITEMS	ROADWAY NEWBURY SH	ROADWAY US 302	ROADWAY US 302 (NO FED /STATE PART.)	GRAND TOTAL	FINAL	UNIT	ITEMS	ITEM NUMBER	ROUND	QUANTITIES	UNIT	ITEMS
			1							1		LS	SPECIAL PROVISION (RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM) (AARDOT 053-598A)	900.645	-			
			1							1		LS	SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING) (AARDOT 053-598A)	900.645	-			
			1							1		LS	SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING) (AARDOT 053-598A)	900.645	-			
			1							1		LU	SPECIAL PROVISION (MAINTENANCE OF RAIL TRAFFIC) (N.A.B.I.)	900.650	-			
				52						52		SF	SPECIAL PROVISION (RETAINING WALL)	900.670	0.25			
1320										1320		SY	SPECIAL PROVISION (COLD PLANING BITUMINOUS PAVEMENT FOR SUPERELEVATION CORRECTION)	900.675	9			
4315							90	295		4700		SY	SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)	900.675	44			
40							5	5		50		TON	SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I)	900.680	EST.			
34600							1000	800		36400		TON	SPECIAL PROVISION (MATERIAL TRANSFER VEHICLE)	900.680	77			
			432							432		TON	SPECIAL PROVISION (RAILROAD BALLAST)	900.680	-			

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PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
QUANTITY SHEET 5	SHEET 19 OF 239

LOCATION			GUARDRAIL																		REMARKS
			601.0005	621.20	621.205	621.206	621.207	621.53	621.60	621.72	621.737	621.75	621.76	621.77	621.80	676.10	676.12	900.620	900.620	900.620	900.620	
STA	STA	POS	12" CSP .064 (2-2/3 X 1/2)	STEEL BEAM GUARDRAIL GALV.	STEEL BEAM GUARDRAIL GALV. W/8' POSTS	STEEL BEAM GUARDRAIL, GALV./ NESTED	STEEL BEAM GUARDRAIL, GALVANIZED/ NESTED W/8' POST	TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL	ANCHOR FOR STEEL BEAM RAIL	GUARDRAIL APPROACH SECTION, GALV. 2 RAIL BOX BEAM	GUARDRAIL APPROACH SECTION, GALV. HD STEEL BEAM	REMOVE AND RESET GUARDRAIL	REPLACE GUARDRAIL POST ASSEMBLY	REPLACE GUARDRAIL BEAM UNIT	REMOVAL AND DISPOSAL OF GUARDRAIL	DELIN. W/STEEL POST	REMOVAL OF EXIST. DELIN.	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (8' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (16' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (25' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (35' RADIUS)	
			LF	LF	LF	LF	LF	EACH	EACH	EACH	EACH	LF	EACH	EACH	LF	EACH	EACH	EACH	EACH	EACH	EACH	
	US ROUTE 5																					
82+42	R 60+45	LT/RT											150	75			153					ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER
	BRADFORD																					
	US ROUTE 5																					
102+57	105+62	LT													305.0							
102+60	105+60	LT		304.0					2							2						SEE STANDARD G-1d
104+06	104+31	RT													25.0							
103+68.5	104+31	RT		64.5					1							1						SEE STANDARD G-1d
104+31	108+46.5	RT																				RETAIN GUARDRAIL (HEIGHT = 30")
108+46.5	108+84	RT		39.5					1						37.5	1						REMOVE BCT, SEE STANDARD G-1d
107+79	108+16.5	LT		39.5					1						37.5	1						REMOVE BCT, SEE STANDARD G-1d
108+16.5	114+74.5	LT																				RETAIN GUARDRAIL (HEIGHT = 29")
114+74.5	115+12	LT		39.5					1						37.5	1						REMOVE BCT, SEE STANDARD G-1d
	BRIDGE 91																					
109+13	119+58	RT													1045.0							
109+20.5	119+33	RT		1014.5					1							1						SEE STANDARD G-1d
119+33	119+58	RT						1			1											
	BRIDGE 91																					
119+18	119+66	LT													48.0							
119+16	119+41	LT		27.0					1							1						SEE STANDARD G-1d
119+41	119+66	LT						1			1											
155+80	156+84	LT																				RETAIN GUARDRAIL (BEHIND SIDEWALK)
155+80	156+17.5	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
156+17.5	157+96.5	RT																				RETAIN GUARDRAIL (HEIGHT = 27")
157+96.5	158+34	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
161+92	162+29.5	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
162+29.5	167+25	RT																				RETAIN GUARDRAIL (HEIGHT = 29")
218+06	218+43.5	RT													37.5							REMOVE MELT
217+68.5	218+43.5	RT		77.0					1							1						SEE STANDARD G-1d
218+43.5	222+43.5	RT										400.0										GUARDRAIL (HEIGHT = 27")
222+43.5	222+81	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
218+90	219+96	LT													148.0							
218+90	219+90	LT		102.0					1							2						SEE STANDARD G-1d
219+90		LT																1				SEE STANDARD HSD-621.02
219+98		LT		14.5																		
220+78.5	221+72	LT													134.0							
220+78.5	221+66	LT		89.5					1							2						SEE STANDARD G-1d
221+66		LT																1				SEE STANDARD HSD-621.02
221+74		LT		14.5																		
226+01.5	226+39	LT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
226+39	241+64.5	LT																				RETAIN GUARDRAIL (HEIGHT = 29.5")
241+64.5	242+02	LT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
226+57	226+94.5	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
226+94.5	232+19.5	RT										525.0										GUARDRAIL (HEIGHT = 26")
232+19.5	232+57	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
	SUBTOTAL SHEET 20		0.0	2142.0	0.0	0.0	0.0	2	19	0	2	925.0	150	75	2155.0	21	153	2	0	0	0	

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
ITEM DETAIL SHEET I

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 20 OF 239

CLD 14-0278

LOCATION			GUARDRAIL																		REMARKS
			601.0005	621.20	621.205	621.206	621.207	621.53	621.60	621.72	621.737	621.75	621.76	621.77	621.80	676.10	676.12	900.620	900.620	900.620	900.620	
STA	STA	POS	12" CSP .064 (2-2/3 X 1/2)	STEEL BEAM GUARDRAIL GALV.	STEEL BEAM GUARDRAIL GALV. W/8' POSTS	STEEL BEAM GUARDRAIL, GALV./ NESTED	STEEL BEAM GUARDRAIL, GALVANIZED/ NESTED W/8' POST	TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL	ANCHOR FOR STEEL BEAM RAIL	GUARDRAIL APPROACH SECTION, GALV. 2 RAIL BOX BEAM	GUARDRAIL APPROACH SECTION, GALV. HD STEEL BEAM	REMOVE AND RESET GUARDRAIL	REPLACE GUARDRAIL POST ASSEMBLY	REPLACE GUARDRAIL BEAM UNIT	REMOVAL AND DISPOSAL OF GUARDRAIL	DELIN. W/STEEL POST	REMOVAL OF EXIST. DELIN.	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (8' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (16' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (25' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (35' RADIUS)	
			LF	LF	LF	LF	LF	EACH	EACH	EACH	EACH	LF	EACH	EACH	LF	EACH	EACH	EACH	EACH	EACH	EACH	
233+07	233+44.5	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
233+44.5	242+19.5	RT										875.0										GUARDRAIL (HEIGHT = 27")
242+19.5	242+57	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
245+79	246+16.5	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
246+16.5	249+91.5	RT										375.0										GUARDRAIL (HEIGHT = 28")
249+91.5	250+28.5	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
246+28	247+89	LT													161.0							
246+27.5	247+90	LT		166.5					2							2						SEE STANDARD G-1d
250+70	251+07.5	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
251+07.5	258+20	RT										712.5										GUARDRAIL (HEIGHT = 27")
258+20	258+57.5	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
253+07	253+44.5	LT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
253+44.5	257+94.5	LT										450.0				1						GUARDRAIL (HEIGHT = 27"). EXIST. CRT POST
257+94.5	258+00	LT													20.0							
257+94.5		LT																1				SEE STANDARD HSD-621.02
258+02.5		LT		14.5																		
263+04.5	263+42	LT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
263+42	275+92	LT										1250.0										GUARDRAIL (HEIGHT = 27")
275+92	276+29.5	LT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
	BRIDGE 93																					
263+70.5	264+08	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
264+08	277+33	RT										1325.0										GUARDRAIL (HEIGHT = 28")
277+33	277+58	RT		25.0											25.0							EXIST. WOOD POSTS AND BLOCKS
277+58	277+83	RT									1				25.0							EXIST. WOOD POSTS AND BLOCKS
277+83	278+60.5	RT																				RETAIN BRIDGE RAIL
278+60.5	278+85.5	RT									1				25.0							EXIST. WOOD POSTS AND BLOCKS
278+85.5	279+10.5	RT		25.0											25.0							EXIST. WOOD POSTS AND BLOCKS
279+10.5	294+85.5	RT										1575.0										GUARDRAIL (HEIGHT = 28")
294+85.5	295+23	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
	BRIDGE 93																					
277+20.5	277+58	LT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
277+58	278+97.5	LT														1						RETAIN GUARDRAIL (HEIGHT = 29")
282+32.5	282+70	LT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
282+70	294+57.5	LT										1187.5										GUARDRAIL (HEIGHT = 28.5")
294+57.5	294+95	LT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
303+63.5	304+01	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
304+01	N 0+24	RT										537.5										GUARDRAIL (HEIGHT = 27")
N 0+24	N 0+61.5	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
307+72.5	308+10	LT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
308+10	N 3+95.5	LT										500.0										GUARDRAIL (HEIGHT = 27")
N 3+95.5	N 4+33	LT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
	NEWBURY																					
	US ROUTE 5																					
N 0+93.5	N 1+31	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
N 1+31	N 4+18.5	RT										287.5										GUARDRAIL (HEIGHT = 27")
N 4+18.5	N 4+56	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
SUBTOTAL SHEET 21			0.0	1021.0	0.0	0.0	0.0	0	22	0	2	9075.0	0	0	1031.0	24	0	1	0	0	0	

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
ITEM DETAIL SHEET 2

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 21 OF 239

CLD 14-0278

LOCATION			GUARDRAIL																			REMARKS
			601.0005	621.20	621.205	621.206	621.207	621.53	621.60	621.72	621.737	621.75	621.76	621.77	621.80	676.10	676.12	900.620	900.620	900.620	900.620	
STA	STA	POS	12" CSP .064 (2-2/3 X 1/2)	STEEL BEAM GUARDRAIL GALV.	STEEL BEAM GUARDRAIL GALV. W/8' POSTS	STEEL BEAM GUARDRAIL, GALV./ NESTED	STEEL BEAM GUARDRAIL, GALVANIZED/ NESTED W/8' POST	TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL	ANCHOR FOR STEEL BEAM RAIL	GUARDRAIL APPROACH SECTION, GALV. 2 RAIL BOX BEAM	GUARDRAIL APPROACH SECTION, GALV. HD STEEL BEAM	REMOVE AND RESET GUARDRAIL	REPLACE GUARDRAIL POST ASSEMBLY	REPLACE GUARDRAIL BEAM UNIT	REMOVAL AND DISPOSAL OF GUARDRAIL	DELIN. W/STEEL POST	REMOVAL OF EXIST. DELIN.	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (8' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (16' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (25' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (35' RADIUS)	
			LF	LF	LF	LF	LF	EACH	EACH	EACH	EACH	LF	EACH	EACH	LF	EACH	EACH	EACH	EACH	EACH	EACH	
N 27+89	N 27+95	RT													37.5							
N 27+83.5	N 27+95	RT		14.5					1							1						SEE STANDARD G-1d
N 27+95	N 29+20	RT										125.0										GUARDRAIL (HEIGHT = 26"), EXIST. CRT POST
N 29+20	N 29+57.5	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
N 33+45.5	N 33+83	LT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
N 33+83	N 35+38	LT																				RETAIN GUARDRAIL
N 35+38	N 35+71	LT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
N 34+17	N 34+54.5	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
N 34+54.5	N 36+67	RT										212.5				1						GUARDRAIL (HEIGHT = 28")
N 36+67	N 36+74	RT													17.0							
N 36+67		RT																1				SEE STANDARD HSD-621.02
N 36+75		RT		14.5																		
N 40+89	N 51+64	RT		1079.0					2						1075.0	2						EXIST. WOOD POSTS AND BLOCKS, SEE STANDARD G-1d
	BRIDGE 97																					
N 40+94	N 52+41	LT													1147.0							EXIST. WOOD POSTS AND BLOCKS
N 40+91	N 52+16	LT		1127.0					1							1						SEE STANDARD G-1d
N 52+16	N 52+41	LT									1											
N 52+41	N 53+48	LT																				RETAIN BRIDGE RAIL
N 53+48	N 54+95	LT													175.0							EXIST. WOOD POSTS AND BLOCKS
N 53+48	N 53+73	LT									1											
N 53+73	N 54+73	LT		100.0																		
N 54+73		LT																		1		SEE STANDARD HSD-621.04
N 54+94	N 54+98	LT		14.5					1							1						SEE STANDARD G-1d
	BRIDGE 97																					
N 51+96	N 52+41	RT													50.0							EXIST. WOOD POSTS AND BLOCKS
N 51+96	N 52+16	RT		25.0												1						
N 52+16	N 52+41	RT									1											
N 52+41	N 53+48	RT																				RETAIN BRIDGE RAIL
N 53+48	N 57+62	RT													414.0							EXIST. WOOD POSTS AND BLOCKS
N 53+48	N 53+73	RT									1											
N 53+73	N 57+23	RT		352.0					1							1						SEE STANDARD G-1d
N 55+40	N 57+07	LT		189.5					1						187.5	1						EXIST. WOOD POSTS AND BLOCKS, SEE STANDARD G-1d
N 63+48.5	N 63+86	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
N 63+86	N 66+36	RT										250.0										GUARDRAIL (HEIGHT = 27")
N 66+36	N 66+50	RT													14.0							
N 66+36		RT																	1			SEE STANDARD HSD-621.03
N 66+45	N 66+51	RT		14.5					1							1						SEE STANDARD G-1d
N 66+56	N 67+70	LT													114.0							
N 66+47.5	N 67+72.5	LT		129.0					2							2						SEE STANDARD G-1d
N 66+70	N 67+02	RT													32.0							
N 66+71	N66+72	RT		14.5					1							1						SEE STANDARD G-1d
N 67+02		RT																		1		SEE STANDARD HSD-621.05
N 67+02	N 68+02	RT										100.0										GUARDRAIL (HEIGHT = 28")
N 68+02	N 68+39.5	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
N 80+31	N 86+61.5	RT													630.5							
N 80+24	N 86+61.5	RT		686.5					2							2						SEE STANDARD G-1d,SEE NON-YIELDING OBJECT DETAIL ON SHEET 41
N 80+87.5	N 84+49.5	LT										362.0				2						GUARDRAIL (HEIGHT = 28.5")
	SUBTOTAL SHEET 22		0.0	3997.5	0.0	0.0	0.0	0	19	0	4	1049.5	0	0	4118.5	23	0	1	1	1	1	

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
ITEM DETAIL SHEET 3

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 22 OF 239

CLD 14-0278

LOCATION			GUARDRAIL																			REMARKS
			601.0005	621.20	621.205	621.206	621.207	621.53	621.60	621.72	621.737	621.75	621.76	621.77	621.80	676.10	676.12	900.620	900.620	900.620	900.620	
STA	STA	POS	12" CSP .064 (2-2/3 X 1/2)	STEEL BEAM GUARDRAIL GALV.	STEEL BEAM GUARDRAIL GALV. W/8' POSTS	STEEL BEAM GUARDRAIL, GALV./ NESTED	STEEL BEAM GUARDRAIL, GALVANIZED/ NESTED W/8' POST	TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL	ANCHOR FOR STEEL BEAM RAIL	GUARDRAIL APPROACH SECTION, GALV. 2 RAIL BOX BEAM	GUARDRAIL APPROACH SECTION, GALV. HD STEEL BEAM	REMOVE AND RESET GUARDRAIL	REPLACE GUARDRAIL POST ASSEMBLY	REPLACE GUARDRAIL BEAM UNIT	REMOVAL AND DISPOSAL OF GUARDRAIL	DELIN. W/STEEL POST	REMOVAL OF EXIST. DELIN.	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (8' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (16' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (25' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (35' RADIUS)	
			LF	LF	LF	LF	LF	EACH	EACH	EACH	EACH	LF	EACH	EACH	LF	EACH	EACH	EACH	EACH	EACH	EACH	
N 116+03	N 122+67	RT													664.0							
N 116+03	N 116+15.5	RT		14.5					1							1						SEE STANDARD G-1d
N 116+15.5	N 122+53	RT			697.5																	SEE NON-YIELDING OBJECT DETAIL ON SHEET 41
N 122+53	N 122+65.5	RT		14.5					1							1						SEE STANDARD G-1d
N 121+02	N 123+58	LT														2						RETAIN GUARDRAIL (HEIGHT = 31")
N 147+10	N 149+87.5	RT														2						RETAIN GUARDRAIL (HEIGHT = 31")
N 155+05.5	N 155+93	RT														1						RETAIN GUARDRAIL
N 155+93	N 156+68	RT			75.0										75.0							
N 156+68	N 157+18	RT																				RETAIN GUARDRAIL
N 157+18	N 157+93	RT													75.0							
N 157+18	N 157+80.5	RT			62.5																	
N 157+80.5	N 157+93	RT		14.5					1							1						SEE STANDARD G-1d
N 205+91	N 209+62	LT														1						RETAIN GUARDRAIL AND BRIDGE RAIL (HEIGHT = 27.5")
N 207+30	N 209+41	RT																				RETAIN GUARDRAIL AND BRIDGE RAIL
N 209+41	N 211+03.5	RT													162.5							EXIST. WOOD POSTS AND BLOCKS
N 209+41	N 211+03.5	RT		164.5					1							1						SEE STANDARD G-1d
N 220+15	N 222+10	LT													195.0							
N 219+85	N 222+10	LT		229.0					2							2						SEE STANDARD G-1d
N 225+38	N 228+03	RT													350.0							
N 225+41	N 228+03	RT		329.0					2							2						SEE STANDARD G-1d
N 225+79	N 228+89	LT														2						RETAIN GUARDRAIL (HEIGHT = 29")
N 248+08	N 250+83	RT													275.0							
N 247+58	N 250+83	RT		327.0					1							2						SEE DETAIL FOR BURIED GUARDRAIL ENDS INTO BACKSLOPES ON SHEET 41, AND SEE STANDARD G-1d
N 266+79	N 273+24	LT													645.0							
N 266+77	N 273+27	LT		654.0					2							2						SEE STANDARD G-1d
N 269+08	N 282+01	RT													1293.0							
N 282+51	N 295+42	RT													1291.0							
N 269+08	N 295+45.5	RT		2641.5					2							2						SEE STANDARD G-1d
	BRIDGE 102																					
N 304+64	N 308+86.5	RT													422.5							EXIST. WOOD POSTS AND BLOCKS
N 304+61.5	N 308+86.5	RT		427.0					1							1						SEE STANDARD G-1d
N 308+86.5	N 312+78.5	RT																				RETAIN ALUMINUM BRIDGE RAIL
N 312+78.5	N 313+80	RT													101.5							EXIST. WOOD POSTS AND BLOCKS
N 312+78.5	N 313+78.5	RT		102.0					1							1						SEE STANDARD G-1d
	BRIDGE 102																					
N 306+18	N 308+20	LT													202.0							EXIST. WOOD POSTS AND BLOCKS
N 306+20	N 308+20	LT		202.0					1							1						SEE STANDARD G-1d
N 308+20	N 312+14.5	LT																				RETAIN ALUMINUM BRIDGE RAIL
N 312+14.5	N 315+35	LT													320.5							EXIST. WOOD POSTS AND BLOCKS
N 312+14.5	N 315+39.5	LT		327.0					1							1						SEE STANDARD G-1d
N 316+66	N 317+03.5	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
N 317+03.5	N 326+53.5	RT										950.0										GUARDRAIL (HEIGHT = 28")
N 326+53.5	N 326+91	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
N 323+80	N 325+00	LT															5					
SUBTOTAL SHEET 23			0.0	5525.5	835.0	0.0	0.0	0	19	0	0	950.0	0	0	6147.0	28	5	0	0	0	0	

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
ITEM DETAIL SHEET 4

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 23 OF 239

CLD 14-0278

LOCATION			GUARDRAIL																		REMARKS
			601.0005	621.20	621.205	621.206	621.207	621.53	621.60	621.72	621.737	621.75	621.76	621.77	621.80	676.10	676.12	900.620	900.620	900.620	900.620	
STA	STA	POS	12" CSP .064 (2-2/3 X 1/2)	STEEL BEAM GUARDRAIL GALV.	STEEL BEAM GUARDRAIL GALV. W/8' POSTS	STEEL BEAM GUARDRAIL, GALV./ NESTED	STEEL BEAM GUARDRAIL, GALVANIZED/ NESTED W/8' POST	TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL	ANCHOR FOR STEEL BEAM RAIL	GUARDRAIL APPROACH SECTION, GALV. 2 RAIL BOX BEAM	GUARDRAIL APPROACH SECTION, GALV. HD STEEL BEAM	REMOVE AND RESET GUARDRAIL	REPLACE GUARDRAIL POST ASSEMBLY	REPLACE GUARDRAIL BEAM UNIT	REMOVAL AND DISPOSAL OF GUARDRAIL	DELIN. W/STEEL POST	REMOVAL OF EXIST. DELIN.	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (8' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (16' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (25' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (35' RADIUS)	
			LF	LF	LF	LF	LF	EACH	EACH	EACH	EACH	LF	EACH	EACH	LF	EACH	EACH	EACH	EACH	EACH	EACH	
N 329+25	N 329+62.5	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
N 329+62.5	N 370+00	RT										4037.5										GUARDRAIL (HEIGHT = 27")
N 370+00	N 370+28	RT													45.0							
N 370+00	N 370+25	RT		25.0												1						
N 370+25		RT																1				SEE STANDARD HSD-621.02
N 370+33		RT		14.5																		
N 331+33	N 331+70.5	LT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
N 331+70.5	N 332+95.5	LT										125.0										GUARDRAIL (HEIGHT = 28")
N 332+95.5	N 333+33	LT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
N 344+80.5	N 345+18	LT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
N 345+18	N 346+85.5	LT										167.5										GUARDRAIL (HEIGHT = 28")
N 346+85.5	N 347+23	LT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
N 350+50	N 352+35	LT													185.0							
N 350+47.5	N 352+35	LT		191.5					2							2						SEE STANDARD G-1d
N 355+99	N 356+82.5	LT														1						RETAIN GUARDRAIL (HEIGHT = 29")
N 356+82.5	N 357+20	LT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
N 370+57	N 370+75	RT													35.0							
N 370+54.5		RT		14.5																		
N 370+62.5		RT																1				SEE STANDARD HSD-621.02
N 370+62.5	N 370+75	RT		12.5																		
N 370+75	N 388+00	RT										1725.0				1						GUARDRAIL (HEIGHT = 24")
N 388+00	N 388+09	RT													25.0							
N 388+00		RT																1				SEE STANDARD HSD-621.02
N 388+08.5		RT		14.5												1						
N 373+32	N 385+04	LT													1216.0							
N 373+35	N 384+97.5	LT		1164.5					1							1						SEE STANDARD G-1d
N 384+97.5		LT																1				SEE STANDARD HSD-621.02
N 385+05.5		LT		14.5												1						
N 388+04	N 388+21.5	LT													35.0							
N 388+01		LT		14.5																		
N 388+09		LT																1				SEE STANDARD HSD-621.02
N 388+09	N 388+21.5	LT		12.5																		
N 388+21.5	N 402+46.5	LT										1425.0				1						GUARDRAIL (HEIGHT = 24")
N 402+46.5	N 402+55	LT													24.0							
N 402+46.5		LT																1				SEE STANDARD HSD-621.02
N 402+54.5		LT		12.5												1						
N 388+28	N 388+36	RT													25.0							
N 388+28.5		RT		14.5																		
N 388+36.5		RT																1				SEE STANDARD HSD-621.02
N 388+36.5	N 402+61.5	RT										1425.0				1						GUARDRAIL (HEIGHT = 24")
N 402+61.5	N 402+79	RT													28.0							
N 402+61.5	N 402+73	RT		14.5					1							1						SEE STANDARD G-1d
N 403+17	N 403+33	RT													29.0							
N 403+17	N 403+18	RT		12.5												1						
N 403+33		RT																	1			SEE STANDARD HSD-621.03
N 403+33	N 417+33	RT										1400.0										GUARDRAIL (HEIGHT = 27")
N 417+33	N 417+42	RT													28.0							
N 417+33		RT														1		1				SEE STANDARD HSD-621.02
N 417+41		RT		14.5																		
SUBTOTAL SHEET 24			0.0	1784.0	0.0	0.0	0.0	0	10	0	0	10305.0	0	0	1900.0	20	0	8	1	0	0	

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)

FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
ITEM DETAIL SHEET 5	SHEET 24 OF 239

CLD 14-0278

LOCATION			GUARDRAIL																			REMARKS
			601.0005	621.20	621.205	621.206	621.207	621.53	621.60	621.72	621.737	621.75	621.76	621.77	621.80	676.10	676.12	900.620	900.620	900.620	900.620	
STA	STA	POS	12" CSP .064 (2-2/3 X 1/2)	STEEL BEAM GUARDRAIL GALV.	STEEL BEAM GUARDRAIL GALV. W/8' POSTS	STEEL BEAM GUARDRAIL, GALV./ NESTED	STEEL BEAM GUARDRAIL, GALVANIZED/ NESTED W/8' POST	TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL	ANCHOR FOR STEEL BEAM RAIL	GUARDRAIL APPROACH SECTION, GALV. 2 RAIL BOX BEAM	GUARDRAIL APPROACH SECTION, GALV. HD STEEL BEAM	REMOVE AND RESET GUARDRAIL	REPLACE GUARDRAIL POST ASSEMBLY	REPLACE GUARDRAIL BEAM UNIT	REMOVAL AND DISPOSAL OF GUARDRAIL	DELIN. W/STEEL POST	REMOVAL OF EXIST. DELIN.	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (8' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (16' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (25' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (35' RADIUS)	
			LF	LF	LF	LF	LF	EACH	EACH	EACH	EACH	LF	EACH	EACH	LF	EACH	EACH	EACH	EACH	EACH	EACH	
N 409+24	N 409+61.5	LT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
N 409+61.5	N 416+99	LT										737.5										GUARDRAIL (HEIGHT = 25")
N 416+99	N 417+17	LT													35.0							
N 416+99	N 417+11.5	LT		12.5												1						
N 417+11.5		LT																1				SEE STANDARD HSD-621.02
N 417+19.5		LT		12.5																		
N 417+52	N 422+58.5	LT													546.0							
N 417+50.5		LT		12.5												1						
N 417+58.5		LT																1				SEE STANDARD HSD-621.02
N 417+58.5	N 422+58.5	LT		502.0					1							1						SEE STANDARD G-1d
N 417+71	N 417+86.5	RT													35.0							
N 417+66		RT		14.5																		
N 417+74		RT																1				SEE STANDARD HSD-621.02
N 417+74	N 417+86.5	RT		12.5												1						
N 417+86.5	N 422+24	RT										437.5				1						GUARDRAIL (HEIGHT = 27")
N 422+24	N 422+32	RT													25.0							
N 422+24		RT																1				SEE STANDARD HSD-621.02
N 422+32		RT		14.5																		
N 422+49	N 422+79.5	RT													49.5							
N 422+44.5		RT		14.5																		
N 422+52.5		RT																1				SEE STANDARD HSD-621.02
N 422+52.5	N 422+77.5	RT		25.0												1						
N 422+77.5	N 426+77.5	RT										400.0				1						GUARDRAIL (HEIGHT = 28")
N 426+77.5	N 426+85.5	RT													25.0							
N 426+77.5		RT																1				SEE STANDARD HSD-621.02
N 426+85.5		RT		14.5																		
N 436+46	N 436+83.5	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
N 436+83.5	N 447+46.5	RT																				RETAIN GUARDRAIL (HEIGHT = 29")
N 447+46.5	N 470+96.5	RT										2350.0										GUARDRAIL (HEIGHT = 25")
N 470+96.5	N 471+34	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
N 439+04	N 441+16.5	LT		216.5					2							2						SEE STANDARD G-1d
N 446+98	N 448+90	LT													192.0							
N 446+94	N 448+94	LT		204.0					2							2						SEE STANDARD G-1d
N 464+83	N 465+20.5	LT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
N 465+20.5	N 468+33	LT										312.5				1						GUARDRAIL (HEIGHT = 24")
N 468+33	N 468+41	LT													25.0							
N 468+33		LT																1				SEE STANDARD HSD-621.02
N 468+41		LT		14.5																		
N 468+73	N 468+83.5	LT													27.0							
N 468+75.5		LT		14.5																		
N 468+83.5		LT																1				SEE STANDARD HSD-621.02
N 468+83.5	N 471+83.5	LT										300.0				1						GUARDRAIL (HEIGHT = 25")
N 471+83.5	N 472+21	LT		39.5					1						37.5	1						SEE STANDARD G-1d
N 502+93	N 504+91	RT																				RETAIN ALUMINUM BRIDGE RAIL
N 504+91	N 508+50	RT													359.0							
N 504+91	N 508+41	RT			350.0																	
N 508+41	N 508+53.5	RT		14.5					1							1						SEE STANDARD G-1d
N 513+23.5	R 6+22	RT													1068.0							
N 513+16.5	N 513+29	RT		14.5					1							1						SEE STANDARD G-1d
N 513+29	N 515+04	RT			220.0																	
N 515+04	N 515+54	RT					50.0															SEE BRIDGE 109 GUARDRAIL DETAIL SHEET AND NON-YIELDING
																						OBJECT DETAIL ON SHEET 41
SUBTOTAL SHEET 25			0.0	1311.0	570.0	0.0	50.0	0	12	0	0	4537.5	0	0	2574.0	20	0	8	0	0	0	

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
ITEM DETAIL SHEET 6

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 25 OF 239

CLD 14-0278

LOCATION			GUARDRAIL																			REMARKS
			601.0005	621.20	621.205	621.206	621.207	621.53	621.60	621.72	621.737	621.75	621.76	621.77	621.80	676.10	676.12	900.620	900.620	900.620	900.620	
STA	STA	POS	12" CSP .064 (2-2/3 X 1/2)	STEEL BEAM GUARDRAIL GALV.	STEEL BEAM GUARDRAIL GALV. W/8' POSTS	STEEL BEAM GUARDRAIL, GALV./ NESTED	STEEL BEAM GUARDRAIL, GALVANIZED/ NESTED W/8' POST	TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL	ANCHOR FOR STEEL BEAM RAIL	GUARDRAIL APPROACH SECTION, GALV. 2 RAIL BOX BEAM	GUARDRAIL APPROACH SECTION, GALV. HD STEEL BEAM	REMOVE AND RESET GUARDRAIL	REPLACE GUARDRAIL POST ASSEMBLY	REPLACE GUARDRAIL BEAM UNIT	REMOVAL AND DISPOSAL OF GUARDRAIL	DELIN. W/STEEL POST	REMOVAL OF EXIST. DELIN.	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (8' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (16' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (25' RADIUS)	SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALV.) (35' RADIUS)	
			LF	LF	LF	LF	LF	EACH	EACH	EACH	EACH	LF	EACH	EACH	LF	EACH	EACH	EACH	EACH	EACH	EACH	
N 515+54	R 6+10	RT			825.0																	
R 6+10	R 6+22.5	RT		14.5					1							1						SEE STANDARD G-1d
N 515+80	R 1+65	LT													354.5							
N 515+78	N 516+01	LT				25.0			1							1						SEE STANDARD G-1d
N 516+01	R 1+57	LT		327.0					1							1						SEE STANDARD G-1d
	RYEGATE																					
	US ROUTE 5																					
R 4+63	R 9+00.5	LT		439.5					2						437.5	2						SEE DETAIL FOR BURIED GUARDRAIL ENDS INTO BACKSLOPES ON SHEET 41,
																						AND SEE STANDARD G-1d
R 4+63		LT															1					REMOVE FLANGED CHANNEL POST
R 17+86	R 18+95.5	LT													109.5							
R 17+86	R 18+98.5	LT		116.5					2							2						SEE STANDARD G-1d
R 33+40	R 37+90	RT													450.0							
R 33+40	R 37+90	RT		452.0					2							2						SEE DETAIL FOR BURIED GUARDRAIL ENDS INTO BACKSLOPES ON SHEET 41,
R 33+15	R 33+65	RT	50.0																			AND SEE STANDARD G-1d
R 33+43	R 37+89	LT													446.0							
R 32+90	R 38+15	LT		525.0					2							2						SEE DETAIL FOR BURIED GUARDRAIL ENDS INTO BACKSLOPES ON SHEET 41,
																						AND SEE STANDARD G-1d
R 32+86	R 33+86	LT	100.0																			
R 48+05	R 50+94	LT													289.0							
R 48+05	R 48+17.5	LT		14.5					1							1						SEE STANDARD G-1d
R 48+17.5	R 50+80	LT			262.5																	
R 50+80	R 50+92.5	LT		14.5					1							1						SEE STANDARD G-1d
R 48+05	R 51+55	RT													350.0							
R 48+05	R 48+17.5	RT		14.5					1							1						SEE STANDARD G-1d
R 48+17.5	R 51+42.5	RT			325.0																	
R 51+42.5	R 51+55	RT		14.5					1							1						SEE STANDARD G-1d
R 53+08	R 55+02	RT													194.0							
R 53+00	R 55+00	RT		204.0					2							2						SEE STANDARD G-1d
NEWBURY STATE HWY																						
0+21	24+49	LT/RT															4					
0+80	1+05	RT													50.0							
0+55	1+05	RT		52.0					1							1						SEE STANDARD G-1d
1+05	2+67.5	RT										162.5										GUARDRAIL (HEIGHT = 23")
2+67.5	3+05	RT		39.5					1						37.5	1						REMOVE MELT, SEE STANDARD G-1d
21+63	24+25.5	RT														1						RETAIN GUARDRAIL, INSTALLED PRIOR TO BRADFORD-RYEGATE PROJECT
21+98	24+10.5	LT														1						RETAIN GUARDRAIL, INSTALLED PRIOR TO BRADFORD-RYEGATE PROJECT
US ROUTE 302																						
M 242+50	M 244+75	LT/RT															3					
M 249+44	M 250+81.5	RT		141.5					2						137.5	2						EXIST. WOOD POSTS AND BLOCKS, SEE STANDARD G-1d
M 256+89	M 259+22	RT													233.0							EXIST. WOOD POSTS AND BLOCKS
M 256+90	M 257+52.5	RT		64.5					1							1						SEE STANDARD G-1d
M 257+52.5	M 258+27.5	RT				75.0																SEE STANDARD S-366
M 258+27.5	M 258+90	RT		62.5																		
M 258+90	M 259+22	RT								1												
SUBTOTAL SHEET 20			0.0	2142.0	0.0	0.0	0.0	2	19	0	2	925.0	150	75	2155.0	21	153	2	0	0	0	
SUBTOTAL SHEET 21			0.0	1021.0	0.0	0.0	0.0	0	22	0	2	9075.0	0	0	1031.0	24	0	1	0	0	0	
SUBTOTAL SHEET 22			0.0	3997.5	0.0	0.0	0.0	0	19	0	4	1049.5	0	0	4118.5	23	0	1	1	1	1	
SUBTOTAL SHEET 23			0.0	5525.5	835.0	0.0	0.0	0	19	0	0	950.0	0	0	6147.0	28	5	0	0	0	0	
SUBTOTAL SHEET 24			0.0	1784.0	0.0	0.0	0.0	0	10	0	0	10305.0	0	0	1900.0	20	0	8	1	0	0	
SUBTOTAL SHEET 25			0.0	1311.0	570.0	0.0	50.0	0	12	0	0	4537.5	0	0	2574.0	20	0	8	0	0	0	
SUBTOTAL SHEET 26			150.0	2496.5	1412.5	100.0	0.0	0	22	1	0	162.5	0	0	3088.5	24	8	0	0	0	0	
PROJECT SUBTOTAL			150.0	18277.5	2817.5	100.0	50.0	2	123	1	8	27004.5	150	75	21014.0	160	166	20	2	1	1	
TOTAL ROUNDING			0.0	172.5	32.5	0.0	0.0	0	0	0	0	95.5	0	0	186.0	0	0	0	0	0	0	
PROJECT TOTAL			150.0	18450.0	2850.0	100.0	50.0	2	123	1	8	27100.0	150	75	21200.0	160	166	20	2	1	1	

CLD 14-0278

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
ITEM DETAIL SHEET 7

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD

LOCATION			DROP INLETS			CURB			SIDEWALK		MISC.											REMARKS
			604.412	604.415	604.418	541.30	616.21	616.35	618.10	618.30	613.10	653.20										
STA	STA	POS	REHAB. DI, CB, OR MH, CLASS I	REHAB. DI, CB, OR MH, CLASS II	REHAB. DI, CB, OR MH, CLASS III	CONCRETE, CLASS C	VERTICAL GRANITE CURB	TREATED TIMBER CURB	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	DETECT. WARNING SURFACE (DWS)	STONE FILL, TYPE I	TEMP. EROSION MATTING										
			EACH	EACH	EACH	CY	LF	LF	SY	SF	CY	SY										
	US ROUTE 5																					
82+42	R 60+45	LT/RT	70	9	9							602.0										ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER
82+42	R 60+45	LT/RT										2950.0										ESTIMATED QUANTITY TO BE USED AT GUARDRAIL END TERMINALS
82+42	R 60+45	LT/RT									141	4097.0										FOR PROJECT SUBTOTAL SEE DITCH CLEANING SHEET
	BRADFORD																					
	US ROUTE 5																					
103+43	104+43	LT									15											SEE SHOULDER STABILIZATION DETAIL ON DETAIL SHEET 2
121+37	121+48	RT					14.0															SEE CURB WITH CATCH BASIN DETAIL ON DETAIL SHEET 4
121+50	122+28	LT							44.9													CONSTRUCT SIDEWALK W/ TWO TYPE 1 RAMPS
122+76	123+32	LT							28.9													CONSTRUCT SIDEWALK W/ TYPE 1 RAMP
122+76	123+32	LT					57.0															
123+96	124+02	RT							2.2	8												CONSTRUCT CONCRETE RAMP TYPE 6 W/DWS @ 124+00
123+97	124+02	LT							2.8	8												CONSTRUCT CONCRETE RAMP TYPE 6 W/DWS @ 124+00
126+10	126+18	RT							5.6	8												CONSTRUCT CONCRETE RAMP TYPE 1 W/DWS @ 126+17
126+71	126+77	LT							2.8	8												CONSTRUCT CONCRETE RAMP TYPE 1 W/DWS @ 126+74
127+43	127+68	LT							19.4	8												CONSTRUCT SIDEWALK RAMP W/DWS 127+66, SEE DETAIL SHEETS 5 AND 6
127+43	127+67	LT					24.0															SEE DETAIL SHEETS 5 AND 6
127+50	127+68	LT					18.0															SEE DETAIL SHEETS 5 AND 6
127+67	127+68	LT					5.0															SEE DETAIL SHEETS 5 AND 6
128+03	128+08	LT							4.4	16												CONSTRUCT CONCRETE RAMP TYPE 3 W/DWS @ 128+04 AND 128+05
132+30	132+39	RT							5.0	16												CONSTRUCT CONCRETE RAMP TYPE 3 W/DWS @ 132+31 AND 132+34
132+32	132+37	LT							2.8	8												CONSTRUCT CONCRETE RAMP TYPE 6 W/DWS @ 132+34
135+74	135+94	RT				0.7	20.0															SEE CURB DETAIL ON DETAIL SHEET 2
141+03	141+07	RT							2.8	8												CONSTRUCT CONCRETE RAMP TYPE 6 W/DWS @ 141+05
141+03	141+08	LT							3.3	8												CONSTRUCT CONCRETE RAMP TYPE 6 W/DWS @ 141+05
151+70	151+85	LT									6											
152+55	152+68	LT							7.8	8												CONSTRUCT CONCRETE RAMP TYPE 1 W/DWS @ 152+66
153+12	153+24	LT							5.8	8												CONSTRUCT CONCRETE RAMP TYPE 6 W/DWS @ 153+16
155+80	156+84	LT																				RETAIN GUARDRAIL (BEHIND SIDEWALK)
158+50	158+65	LT							9.2	8												CONSTRUCT CONCRETE RAMP TYPE 6 W/DWS @ 158+59
159+63	159+79	LT							8.3	8												CONSTRUCT CONCRETE RAMP TYPE 6 W/DWS @ 159+70
294+00	294+30	LT									18	49.0										SEE FILL SLOPE WITH STONE FILL DETAIL ON DETAIL SHEET 2
SUBTOTAL SHEET 27			70	9	9	0.7	138.0	0.0	156.0	128	180	7698.0										

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
ITEM DETAIL SHEET 8

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 27 OF 239

CLD 14-0278

LOCATION			DROP INLETS			CURB			SIDEWALK		MISC.											REMARKS
			604.412	604.415	604.418	541.30	616.21	616.35	618.10	618.30	613.10	653.20										
STA	STA	POS	REHAB. DI, CB, OR MH, CLASS I	REHAB. DI, CB, OR MH, CLASS II	REHAB. DI, CB, OR MH, CLASS III	CONCRETE, CLASS C	VERTICAL GRANITE CURB	TREATED TIMBER CURB	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	DETECT. WARNING SURFACE (DWS)	STONE FILL, TYPE I	TEMP. EROSION MATTING										
			EACH	EACH	EACH	CY	LF	LF	SY	SF	CY	SY										
	NEWBURY																					
	US ROUTE 5																					
N 34+95	N 35+75	RT									25	63.0										SEE FILL SLOPE WITH STONE FILL DETAIL ON DETAIL SHEET 2
N 116+20	N 121+45	RT									324	884.0										SEE FILL SLOPE WITH STONE FILL DETAIL ON DETAIL SHEET 2
N 156+30	N 156+80	RT									6											SEE SHOULDER STABILIZATION DETAIL ON DETAIL SHEET 2
N 192+19	N 192+24	LT							5.0	8												CONSTRUCT CONCRETE RAMP TYPE 2 W/DWS @ N 192+22
N 192+19	N 192+24	RT							4.4	8												CONSTRUCT CONCRETE RAMP TYPE 2 W/DWS @ N 192+22
N 209+62	N 210+30	LT						75.0														
N 220+00	N 221+50	LT									17											SEE SHOULDER STABILIZATION DETAIL ON DETAIL SHEET 2
N 323+20	N 323+90	RT									40	107.0										SEE FILL SLOPE WITH STONE FILL DETAIL ON DETAIL SHEET 2
N 481+18	N 481+25	LT							3.3	8												CONSTRUCT CONCRETE RAMP TYPE 1 W/DWS @ N 481+22
N 481+84	N 481+94	LT							3.3	8												CONSTRUCT CONCRETE RAMP TYPE 1 W/DWS @ N 481+93
N 493+20	N 493+30	RT							5.6	8												CONSTRUCT CONCRETE RAMP TYPE 1 W/DWS @ N 493+24
N 493+87	N 493+92	LT							2.8	8												CONSTRUCT CONCRETE RAMP TYPE 1 W/DWS @ N 493+90
N 494+02	N 494+11	RT							4.0	8												CONSTRUCT CONCRETE RAMP TYPE 6 W/DWS @ N 494+06
N 494+12	N 494+17	LT							4.4	16												CONSTRUCT CONCRETE RAMP TYPE 3 W/DWS @ N 494+14 AND N 494+15
N 496+26	N 496+72	LT							63.9	12												CONSTRUCT SIDEWALK RAMP W/DWS N 496+70, SEE DETAIL SHEETS 7 AND 8
N 496+57	N 496+72	LT				0.5	16.0															SEE DETAIL SHEETS 7 AND 8
N 496+57	N 496+72	LT					16.0															SEE DETAIL SHEETS 7 AND 8
N 496+69	N 496+72	LT					3.0															SEE DETAIL SHEETS 7 AND 8
N 496+72	N 496+72	LT					6.5															SEE DETAIL SHEETS 7 AND 8
N 497+11	N 497+23	LT							8.0	16												CONSTRUCT CONCRETE RAMP TYPE 3 W/DWS @ N 497+12 AND N 497+20
N 497+14	N 497+25	RT							4.3	8												CONSTRUCT CONCRETE RAMP TYPE 5 W/DWS @ N 497+20
N 498+33	N 498+41	LT							10.2	8												CONSTRUCT CONCRETE RAMP TYPE 6 W/DWS @ N 498+37
N 498+39	N 498+46	RT							3.6	8												CONSTRUCT CONCRETE RAMP TYPE 6 W/DWS @ N 498+43
N 501+49	N 501+54	RT							3.3	8												CONSTRUCT CONCRETE RAMP TYPE 2 W/DWS @ N 501+51
N 501+49	N 501+54	LT							2.8	8												CONSTRUCT CONCRETE RAMP TYPE 6 W/DWS @ N 501+51
N 513+00	N 515+30	LT									77	147.0										SEE FILL SLOPE WITH STONE LINED DITCH DETAIL ON DETAIL SHEET 3
N 515+34	N 515+54	RT						20.0														
SUBTOTAL SHEET 28			0	0	0	0.5	41.5	95.0	128.9	140	489	1201.0										

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
ITEM DETAIL SHEET 9

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 28 OF 239

CLD 14-0278

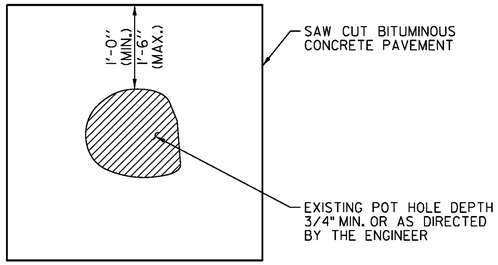
LOCATION			DROP INLETS			CURB			SIDEWALK		MISC.											REMARKS
			604.412	604.415	604.418	541.30	616.21	616.35	618.10	618.30	613.10	653.20										
STA	STA	POS	REHAB. DI, CB, OR MH, CLASS I	REHAB. DI, CB, OR MH, CLASS II	REHAB. DI, CB, OR MH, CLASS III	CONCRETE, CLASS C	VERTICAL GRANITE CURB	TREATED TIMBER CURB	PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH	DETECT. WARNING SURFACE (DWS)	STONE FILL, TYPE I	TEMP. EROSION MATTING										
			EACH	EACH	EACH	CY	LF	LF	SY	SF	CY	SY										
	RYEGATE																					
	US ROUTE 5																					
R 5+31	R 5+56	RT									3											SEE SHOULDER STABILIZATION DETAIL ON DETAIL SHEET 2
R 5+40	R 5+60	LT									5	9.0										SEE FILL SLOPE WITH STONE FILL DETAIL ON DETAIL SHEET 2
	NEWBURY STATE HWY																					
0+21	24+49	LT/RT	2	1																		ESTIMATED QUANTITY TO BE USED AS DIRECTED BY THE ENGINEER
0+21	24+49	LT/RT										50.0										ESTIMATED QUANTITY TO BE USED AT GUARDRAIL END TERMINALS
0+21	24+49	LT/RT										88.0										FOR PROJECT SUBTOTAL SEE DITCH CLEANING SHEET
	US ROUTE 302																					
M 242+50	M 244+75	LT/RT	7	1								75.0										ESTIMATED QUANTITY TO BE USED AT GUARDRAIL END TERMINALS
SUBTOTAL SHEET 27			70	9	9	0.7	138.0	0.0	156.0	128	180	7698.0										
SUBTOTAL SHEET 28			0	0	0	0.5	41.5	95.0	128.9	140	489	1201.0										
SUBTOTAL SHEET 29			9	2	0	0.0	0.0	0.0	0.0	0	8	222.0										
PROJECT SUBTOTAL			79	11	9	1.2	179.5	95.0	284.9	268	677	9121.0										
TOTAL ROUNDING			0	0	0	0.3	5.5	0.0	5.1	2	8	79.0										
PROJECT TOTAL			79	11	9	1.5	185.0	95.0	290.0	270	685	9200.0										

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
ITEM DETAIL SHEET 10

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 29 OF 239

CLD 14-0278

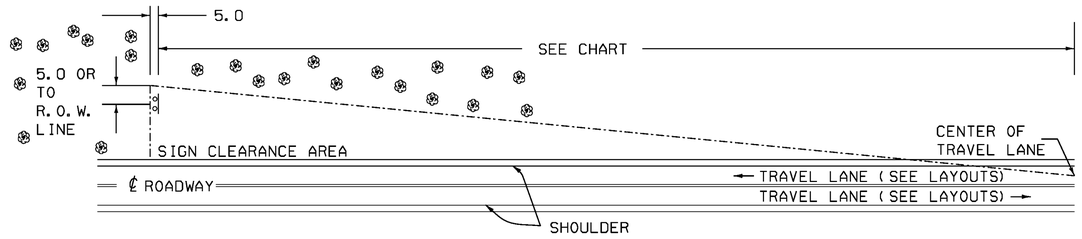


TYPICAL POT HOLE REPAIR

TYPICAL POT HOLE REPAIR NOTES

1. EMULSIFIED ASPHALT SHALL BE APPLIED AT ALL PATCH INTERFACES AT A RATE OF 0.25 - 0.5 GAL/SY. EMULSIFIED ASPHALT SHALL MEET THE REQUIREMENTS OF SECTION 404 AND WILL BE CONSIDERED INCIDENTAL TO ITEM 900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I).

2. ALL WORK ASSOCIATED WITH POT HOLE REPAIR WILL BE PAID UNDER ITEM 900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I).



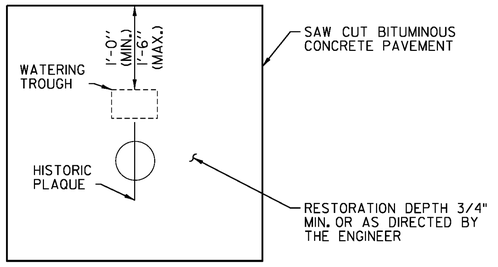
MINIMUM SIGN SIGHT DISTANCE CHART

APPROACH SPEED (mph)	SIGHT DISTANCE (feet)
30 OR LESS	300
35	350
40	400
45	450
50	500
55	550

THE CONTRACTOR SHALL REMOVE ALL WOODY STEMMED GROWTH INCLUDING BRUSH, SAPLINGS AND TREE LIMBS GROWING WITHIN OR PROJECTING INTO THE CLEARANCE AREA AND DOWN TO GROUND LEVEL. PAYMENT WILL BE INCLUDED IN THE UNIT PRICE BID FOR CONTRACT ITEM 201.10 CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS. NO CHEMICALS (POISONS OR DEFOLIANTS) WILL BE ALLOWED.

THINNING AND TRIMMING DETAIL

BRADFORD US ROUTE 5 -	123+94 RT
	132+37 LT
	206+07 LT
NEWBURY US ROUTE 5 -	N 173+74 LT
	N 177+92 LT
	N 193+00 RT
	N 475+14 RT
	N 504+31 LT
	N 506+65 LT



PAVEMENT PATCH DETAIL

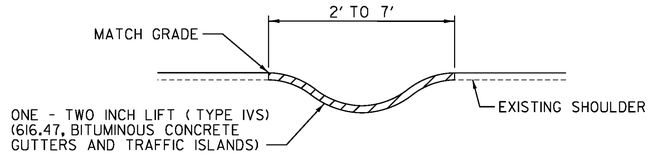
BRADFORD 152+92 LT (WRIGHTS AVE TH 69)

PAVEMENT PATCH DETAIL NOTES

1. WATERING TROUGH AND HISTORIC PLAQUE ARE TO BE RELOCATED BY OTHERS. CONTRACTOR SHALL COORDINATE PAVEMENT RESTORATION WORK WITH THE RELOCATION.

2. EMULSIFIED ASPHALT SHALL BE APPLIED AT ALL PATCH INTERFACES AT A RATE OF 0.25 - 0.5 GAL/SY. EMULSIFIED ASPHALT SHALL MEET THE REQUIREMENTS OF SECTION 404 AND WILL BE CONSIDERED INCIDENTAL TO ITEM 900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I).

3. ALL WORK ASSOCIATED WITH RESTORING PAVEMENT AT THIS LOCATION WILL BE PAID UNDER ITEM 900.680 SPECIAL PROVISION (BITUMINOUS CONCRETE PAVEMENT SURFACE PREPARATION, TYPE I).



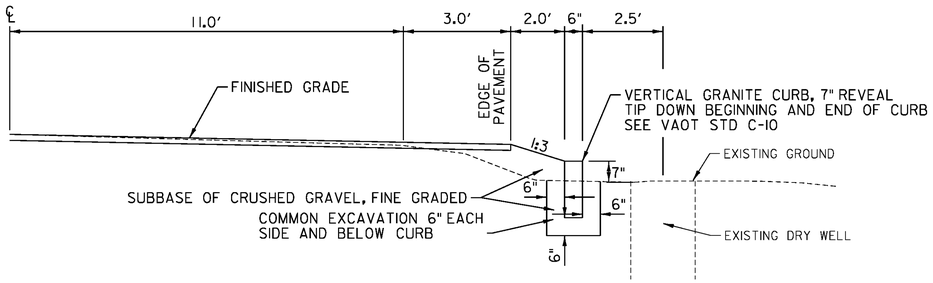
BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS

BRADFORD US ROUTE 5 -	121+43	TO	122+75	RT
	132+29	TO	133+03	LT
	133+18	TO	133+70	LT
	133+83	TO	134+16	LT
	134+29	TO	134+85	LT
	134+93	TO	136+37	LT
	150+94	TO	151+44	RT
	153+08	TO	153+19	LT (TH 69)
	210+77	TO	211+54	LT
NEWBURY US ROUTE 5 -	N 36+02	TO N	36+42	LT
	N 195+82	TO N	196+74	RT
	N 199+50	TO N	200+45	RT
	N 475+25	TO N	475+71	LT
	N 475+90	TO N	477+80	LT
	N 477+99	TO N	478+57	LT
	N 478+70	TO N	479+42	LT
	N 479+52	TO N	480+49	LT
	N 480+63	TO N	481+23	LT
NEWBURY STATE HIGHWAY -	22+03	TO	22+35	LT

NOT TO SCALE

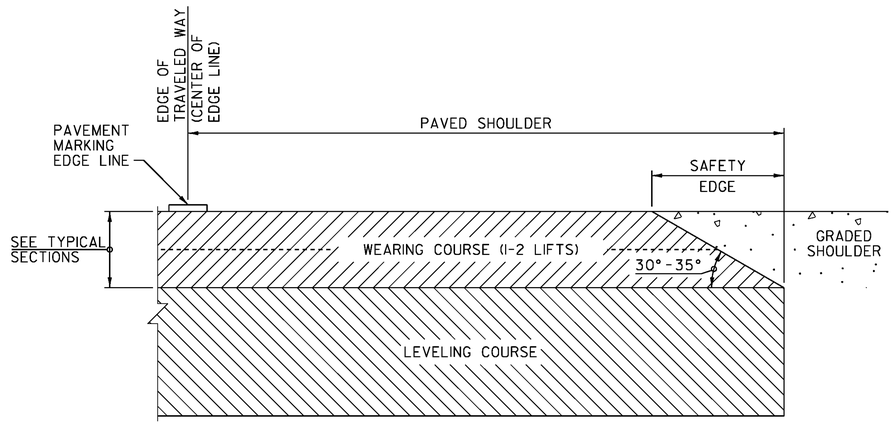
PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
DETAIL SHEET I	SHEET 30 OF 239

CLD 14-0278



CURB DETAIL

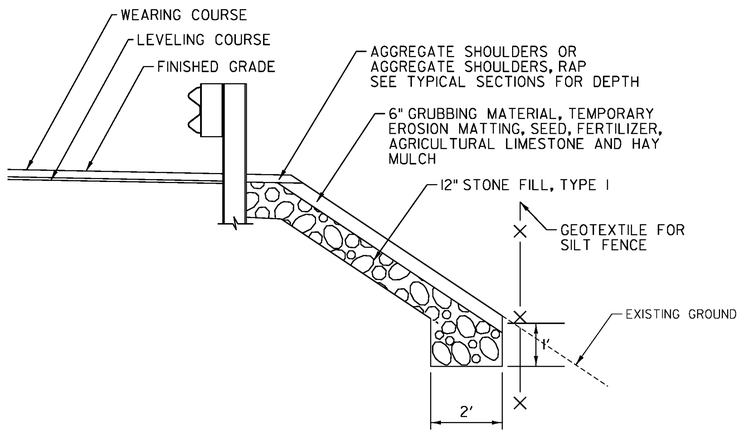
BRADFORD US 5 - 135+74 TO 135+94 RT



SAFETY EDGE DETAIL

SAFETY EDGE NOTES

1. LEVELING COURSE MAY INCLUDE THE "SAFETY EDGE" AT THE CONTRACTOR'S CHOICE.
2. THE EDGE OF PAVEMENT SHALL BE FORMED IN SUCH A WAY THAT THE BITUMINOUS CONCRETE PAVEMENT IS EXTRUDED OR COMPRESSED TO FORM THE 30 TO 35 DEGREE ANGLE. DEVICES THAT SIMPLY STRIKE-OFF THE MIX WITHOUT PROVIDING ANY COMPACTIVE EFFORT WILL NOT BE ALLOWED.
3. THE PAVED SHOULDER EXTENDS FROM THE EDGE OF TRAVELED WAY TO THE EDGE OF THE WEARING COURSE, INCLUDES THE "SAFETY EDGE".

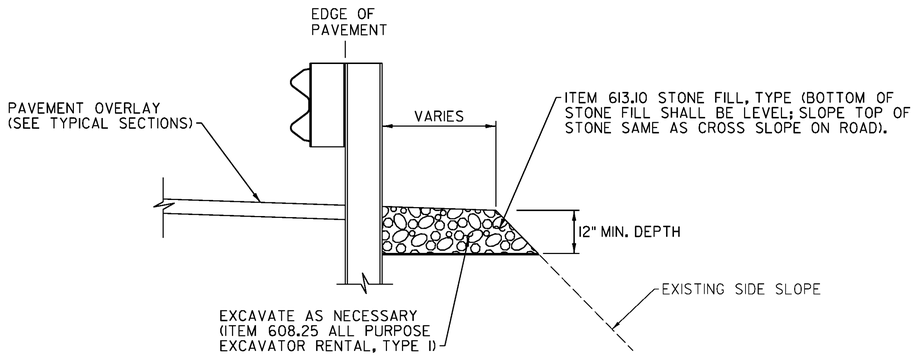


FILL SLOPE WITH STONE FILL DETAIL

FILL SLOPE WITH STONE FILL NOTES

1. STONE FILL TO BE PLACED ON SLOPES STEEPER THAN 1:1.5
2. ANY EXCAVATION REQUIRED TO INSTALL STONE FILL SHALL BE PAID FOR UNDER ITEM 608.25 ALL PURPOSE EXCAVATOR RENTAL, TYPE I.

BRADFORD US ROUTE 5 - 294+00 TO 294+30 LT (10.5 FEET WIDE)
NEWBURY US ROUTE 5 - N 34+95 TO N 35+75 RT (5 FEET WIDE)
N 116+20 TO N 121+45 RT (10.75 FEET WIDE)
N 323+20 TO N 323+90 RT (9.75 FEET WIDE)
RYEGATE US ROUTE 5 - R 5+40 TO R 5+60 LT (4 FEET WIDE)



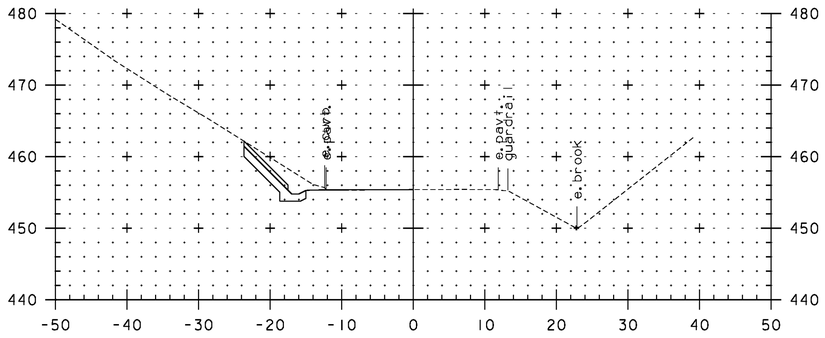
SHOULDER STABILIZATION DETAIL

BRADFORD US ROUTE 5 - 103+43 TO 104+43 LT (4 FEET WIDE)
NEWBURY US ROUTE 5 - N 156+30 TO N 156+80 RT (3 FEET WIDE)
N 220+00 TO N 221+50 LT (3 FEET WIDE)
RYEGATE US ROUTE 5 - R 5+31 TO R 5+56 RT (3 FEET WIDE)

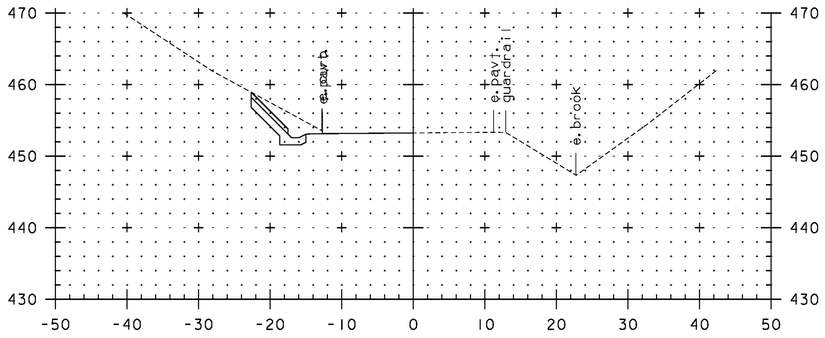
NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
DETAIL SHEET 2	SHEET 31 OF 239

CLD 14-0278



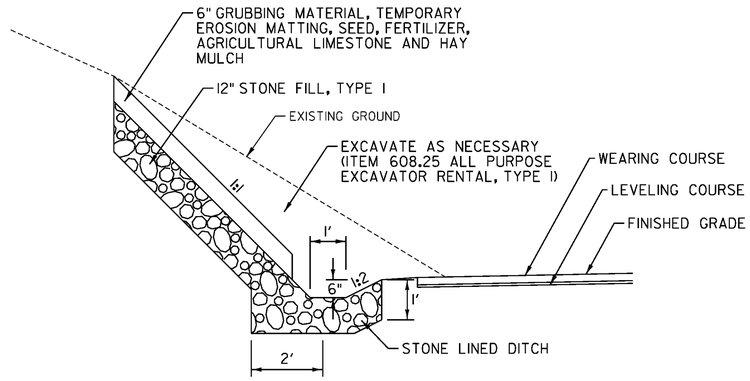
N 515+00



N 514+50

N 514+00

N 515+30



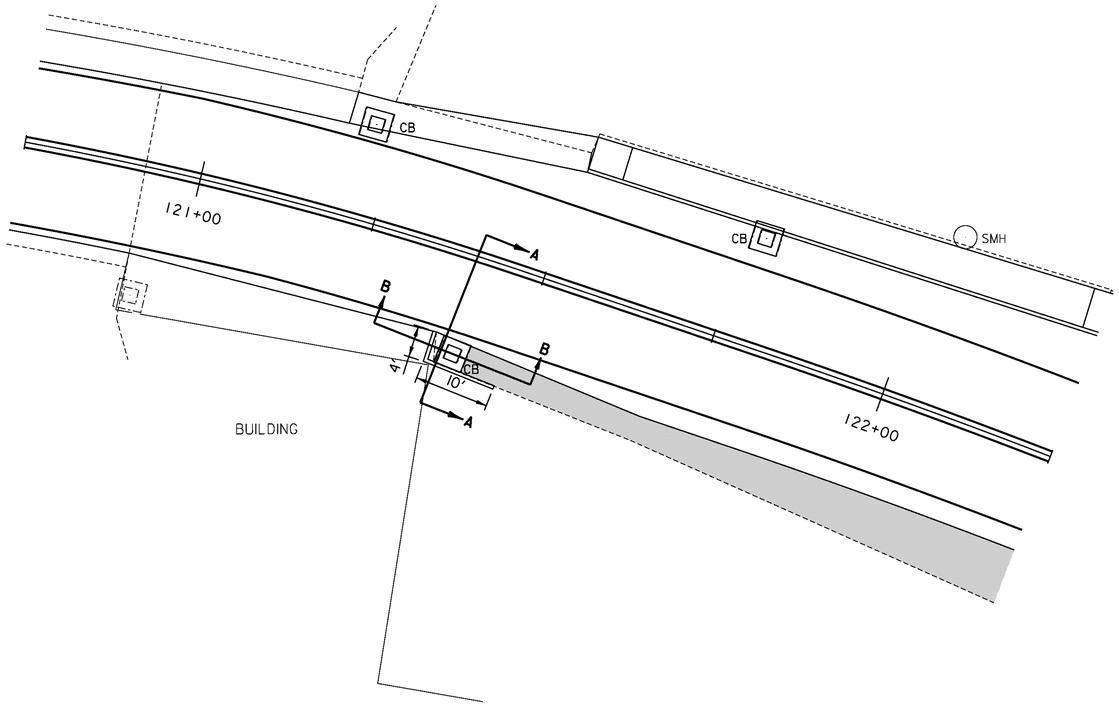
FILL SLOPE WITH STONE LINED DITCH DETAIL

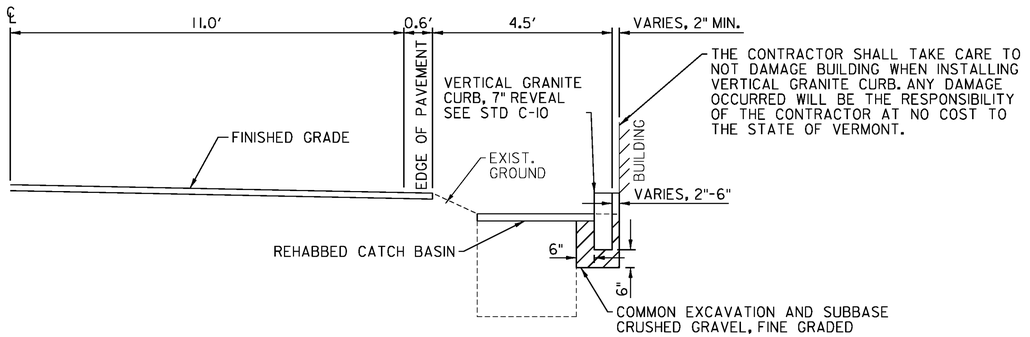
NEWBURY US ROUTE 5 - N 513+00 TO N 515+30 LT
NOT TO SCALE

0 10 20
SCALE IN FEET

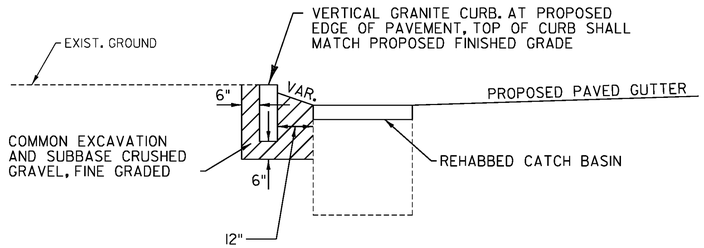
PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
DETAIL SHEET 3	SHEET 32 OF 239

CLD 14-0278





SECTION A-A



SECTION B-B

CURB WITH CATCH BASIN DETAIL

BRADFORD US 5 - 121+37 TO 121+47 RT

NOT TO SCALE

CLD 14-0278

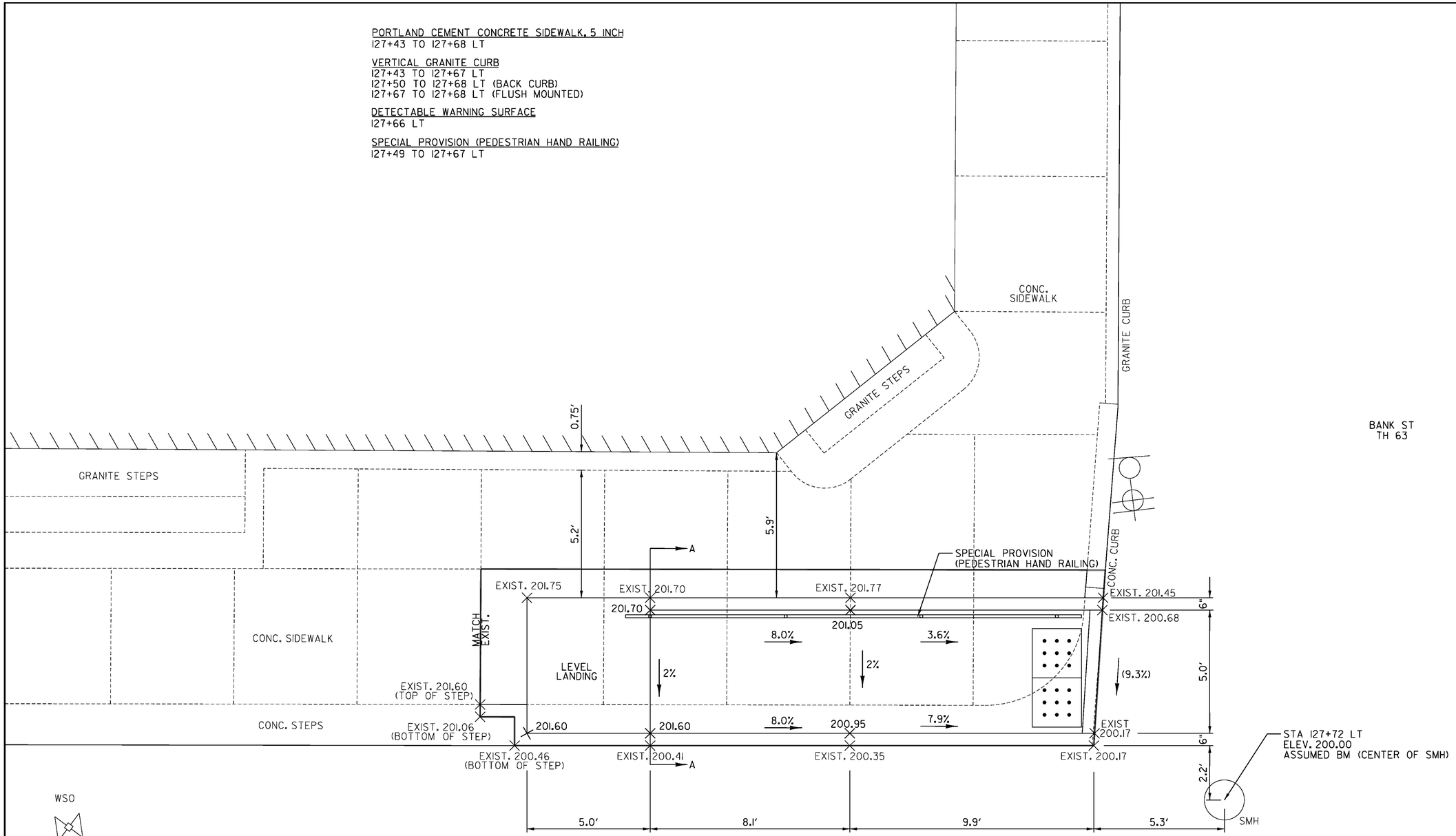
PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
DETAIL SHEET 4	SHEET 33 OF 239

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
127+43 TO 127+68 LT

VERTICAL GRANITE CURB
127+43 TO 127+67 LT
127+50 TO 127+68 LT (BACK CURB)
127+67 TO 127+68 LT (FLUSH MOUNTED)

DETECTABLE WARNING SURFACE
127+66 LT

SPECIAL PROVISION (PEDESTRIAN HAND RAILING)
127+49 TO 127+67 LT



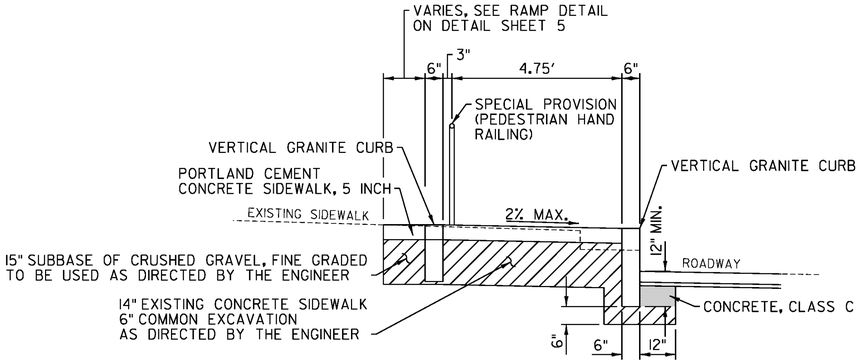
US ROUTE 5 / BANK STREET ADA SIDEWALK RAMP DETAIL

SEE DETAIL SHEET 6 FOR SECTION A-A

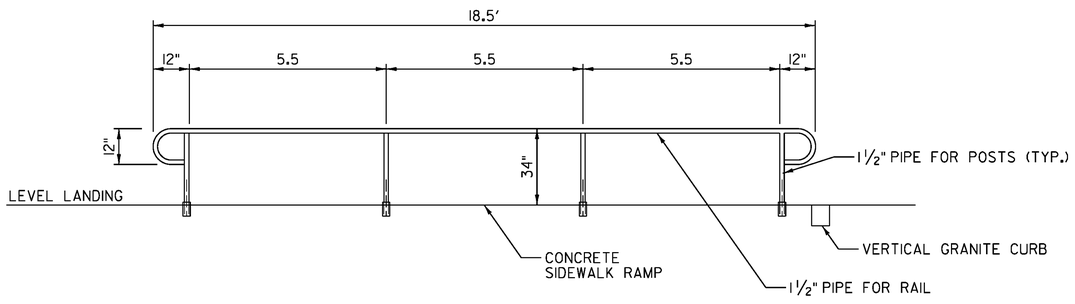
0 2 4
SCALE IN FEET

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: M. HALEY	CHECKED BY: P. SHEDD
DETAIL SHEET 5	SHEET 34 OF 239

CLD 14-0278



SECTION A-A
US ROUTE 5 / BANK STREET ADA SIDEWALK RAMP TYPICAL



PEDESTRIAN HAND RAIL DETAIL

NOTES

1. SEE VAOT STANDARD J-2 FOR ADDITIONAL NOTES AND DETAILS.
2. THE CONTRACTOR SHALL COORDINATE WITH THE ADJACENT PROPERTY OWNER(S) AT LEAST ONE WEEK PRIOR TO ANY SIDEWALK CONSTRUCTION ADJACENT TO THE BUILDING.
3. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE THE BUILDING OR FOUNDATION DURING CONSTRUCTION. ANY DAMAGE INCURRED WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO COST TO THE STATE OF VERMONT.
4. EXCAVATION OF THE EXISTING CONCRETE SIDEWALK SHALL BE PAID FOR AS ITEM 203.16 SOLID ROCK EXCAVATION.
5. SAW CUTTING OF EXISTING PAVEMENT, CONCRETE SIDEWALK AND STEPS SHALL BE INCIDENTAL TO ITEM 203.16 SOLID ROCK EXCAVATION.
6. IF ADDITIONAL EXCAVATION FOR REMOVAL OF THE EXISTING CONCRETE SIDEWALK AND STEPS IS REQUIRED, THE CONTRACTOR SHALL BACKFILL WITH ITEM 301.28 SUBBASE OF CRUSHED GRAVEL, FINE GRADED PRIOR TO PAVING THE LEVELING OR WEARING COURSE.
7. ALL WELDED JOINTS SHALL BE FINISHED BY GRINDING OR FILING TO GIVE A NEAT APPEARANCE.
8. RAIL TO BE PAINTED BLACK AFTER ERECTION.
9. UNIT PRICE BID PER LINEAR FOOT IS TO BE FOR HAND RAIL COMPLETE IN PLACE, INCLUDING ALL HARDWARE, WELDING AND PAINTING, PAID UNDER ITEM 900.640 SPECIAL PROVISION (PEDESTRIAN HAND RAILING).

NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: M. HALEY	CHECKED BY: P. SHEDD
DETAIL SHEET 6	SHEET 35 OF 239

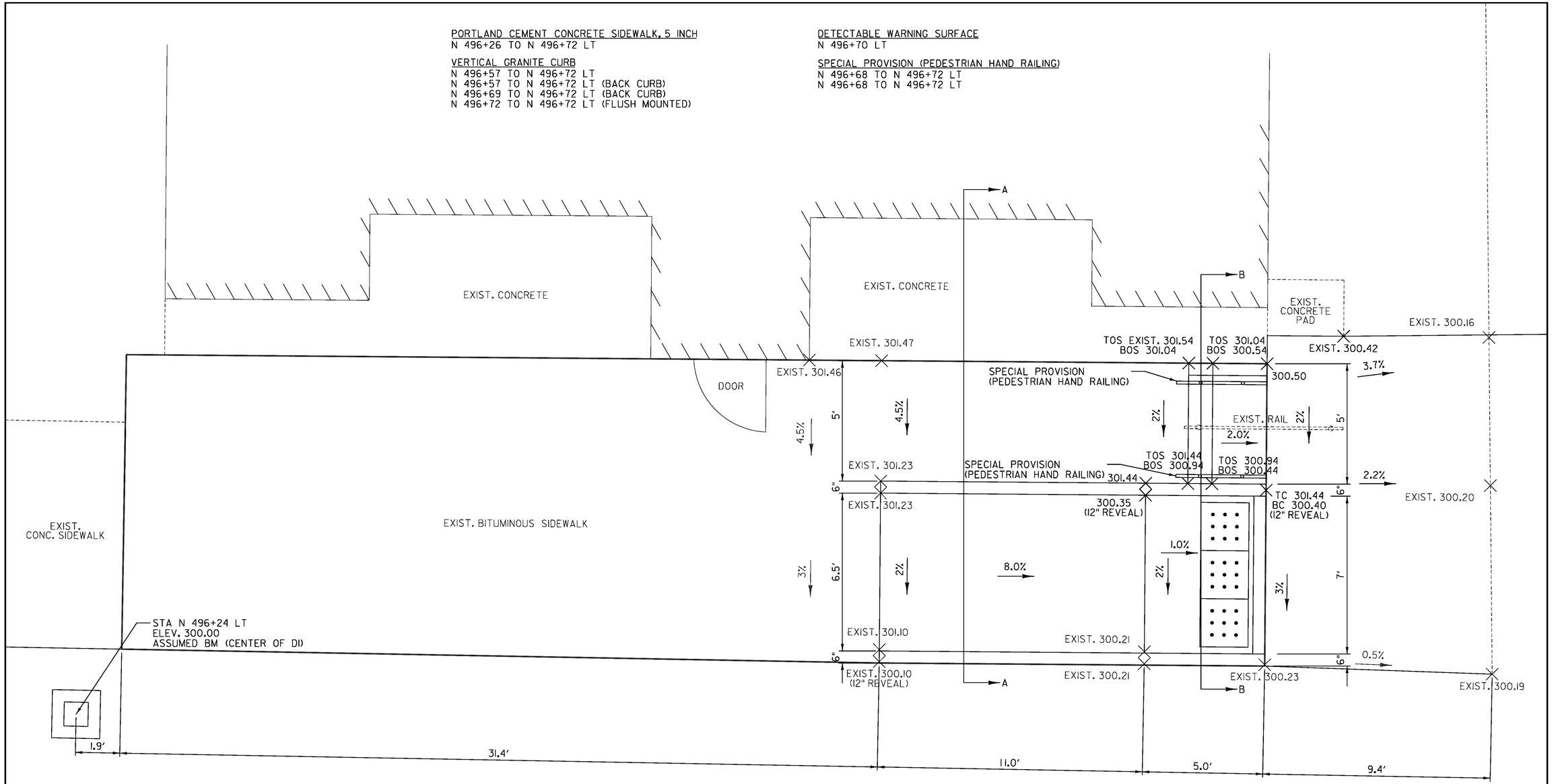
CLD 14-0278

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
N 496+26 TO N 496+72 LT

VERTICAL GRANITE CURB
N 496+57 TO N 496+72 LT
N 496+57 TO N 496+72 LT (BACK CURB)
N 496+69 TO N 496+72 LT (BACK CURB)
N 496+72 TO N 496+72 LT (FLUSH MOUNTED)

DETECTABLE WARNING SURFACE
N 496+70 LT

SPECIAL PROVISION (PEDESTRIAN HAND RAILING)
N 496+68 TO N 496+72 LT
N 496+68 TO N 496+72 LT



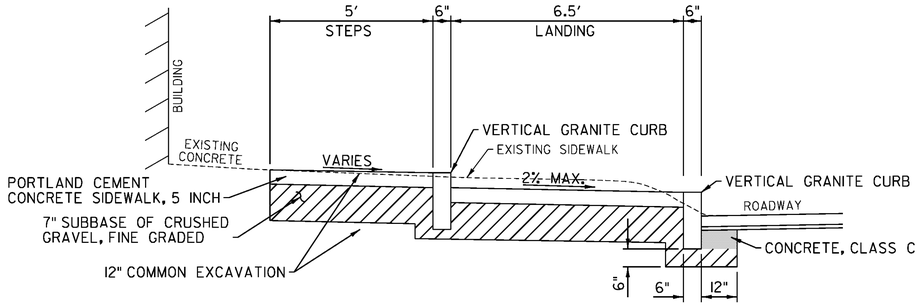
US ROUTE 5 / CREAMERY STREET ADA SIDEWALK RAMP DETAIL

SEE DETAIL SHEET 8 FOR SECTION A-A & B-B

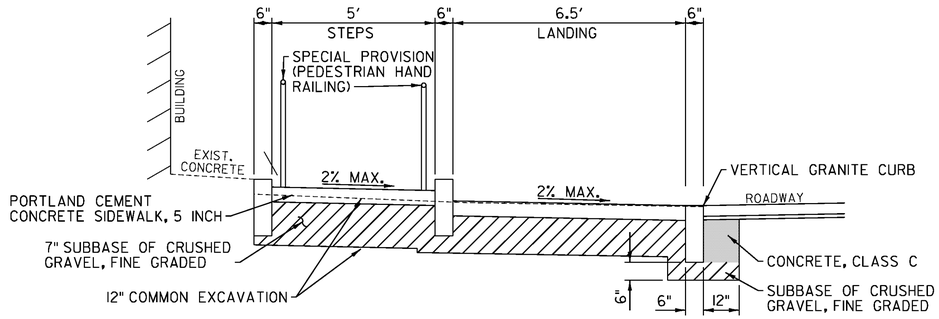
0 2 4
SCALE IN FEET

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
DETAIL SHEET 7	SHEET 36 OF 239

CLD 14-0278



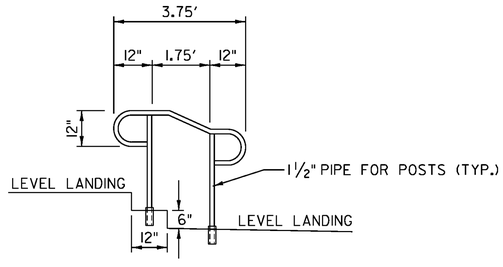
SECTION A–A
US ROUTE 5 / CREAMERY STREET ADA SIDEWALK RAMP DETAIL



SECTION B–B
US ROUTE 5 / CREAMERY STREET ADA SIDEWALK RAMP DETAIL

NOTES

1. SEE VAOT STANDARD J-2 FOR ADDITIONAL NOTES AND DETAILS.
2. THE CONTRACTOR SHALL COORDINATE WITH THE ADJACENT PROPERTY OWNER(S) AT LEAST ONE WEEK PRIOR TO ANY SIDEWALK CONSTRUCTION ADJACENT TO THE BUILDING.
3. THE CONTRACTOR SHALL TAKE CARE NOT TO DAMAGE THE BUILDING OR FOUNDATION DURING CONSTRUCTION. ANY DAMAGE INCURRED WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO COST TO THE STATE OF VERMONT.
4. THE CONTRACTOR SHALL TAKE CARE WHEN REMOVING THE EXISTING BITUMINOUS CONCRETE SIDEWALK TO AVOID DAMAGING EXISTING RADIANT HEATING SYSTEM. COORDINATE WITH PROPERTY OWNER PRIOR TO EXCAVATION FOR CONSTRUCTION OF ADA RAMP. ANY DAMAGE INCURRED WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AT NO COST TO THE STATE OF VERMONT.
5. SAW CUTTING OF EXISTING PAVEMENT, CONCRETE SIDEWALK AND STEPS SHALL BE INCIDENTAL TO ITEM 203.15 COMMON EXCAVATION.
6. ALL WELDED JOINTS SHALL BE FINISHED BY GRINDING OR FILING TO GIVE A NEAT APPEARANCE.
7. RAIL TO BE PAINTED BLACK AFTER ERECTION.
8. UNIT PRICE BID PER LINEAR FOOT IS TO BE FOR HAND RAIL COMPLETE IN PLACE, INCLUDING ALL HARDWARE, WELDING AND PAINTING, PAID UNDER ITEM 900.640 SPECIAL PROVISION (PEDESTRIAN HAND RAILING).



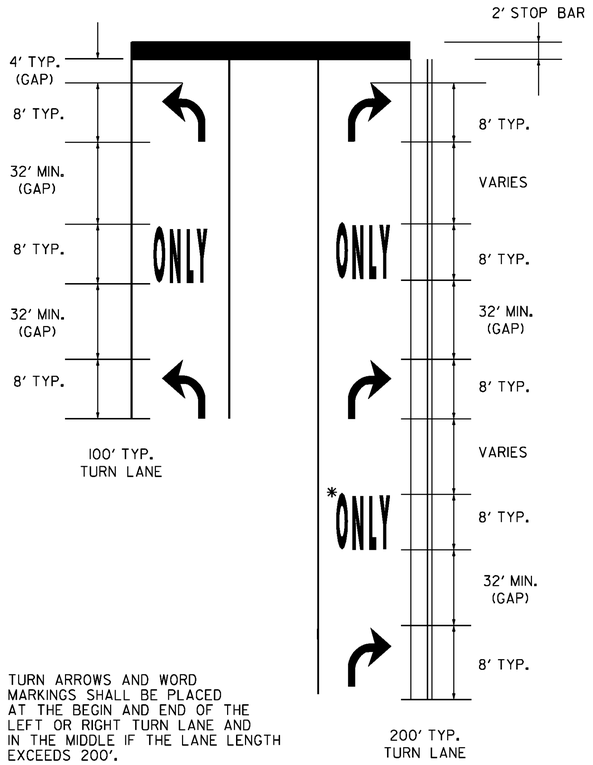
PEDESTRIAN HAND RAIL DETAIL

NOT TO SCALE

NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: M. HALEY	CHECKED BY: P. SHEDD
DETAIL SHEET 8	SHEET 37 OF 239

CLD 14-0278



TURN ARROWS AND WORD MARKINGS SHALL BE PLACED AT THE BEGIN AND END OF THE LEFT OR RIGHT TURN LANE AND IN THE MIDDLE IF THE LANE LENGTH EXCEEDS 200'.

IF LANE LENGTH IS LESS THAN 50 FEET, ONLY ONE TURN ARROW PLACED AT THE BEGINNING OF THE SOLID LANE LINE, IS REQUIRED.

THE "ONLY" WORD MARKINGS SHALL BE USED TO SUPPLEMENT LANE-USE ARROW MARKINGS

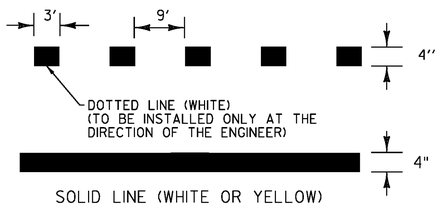
THE LONGITUDINAL SPACE BETWEEN WORD OR SYMBOL MESSAGE MARKINGS, SHOULD BE AT LEAST FOUR TIMES THE HEIGHT OF THE CHARACTERS FOR LOW SPEED ROADS, BUT NOT MORE THAN TEN TIMES THE HEIGHT OF THE CHARACTERS UNDER ANY CONDITIONS.

STOP BARS ARE INSTALLED ONLY WHERE A STOP SIGN OR TRAFFIC SIGNAL ARE LOCATED.

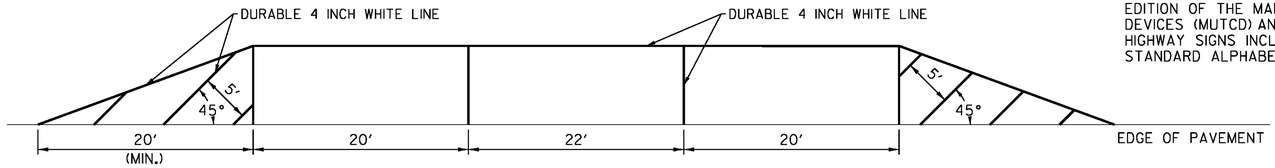
* A SECOND "ONLY" IS OPTIONAL WHEN SPACE PERMITS. ARROW MARKINGS START AT THE BEGINNING OF THE SOLID LANE LINE.

EXCLUSIVE TURN LANES (LEFT OR RIGHT) LANE LINES SHALL BE SOLID AND EXTEND BACK FROM THE STOP LINE TO THE POINT OF FULL LANE WIDTH OF THE TURN LANE.

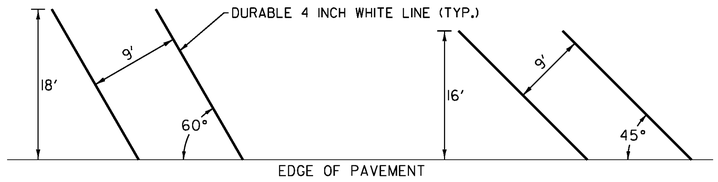
TYPICAL MARKINGS FOR TURN LANES



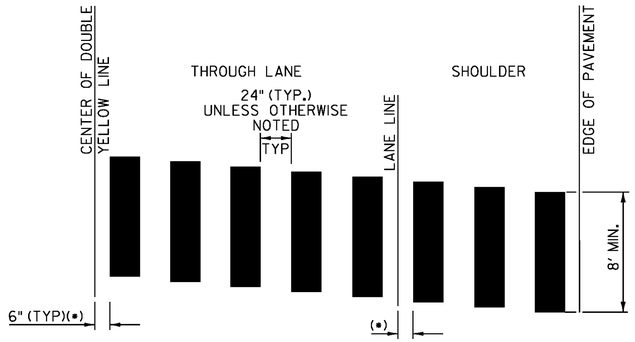
PAVEMENT MARKING LINE DETAILS



PARALLEL PARKING DETAIL



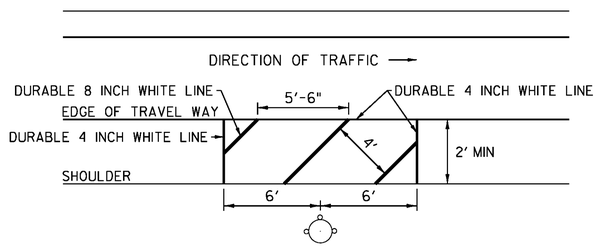
ANGLED PARKING DETAIL



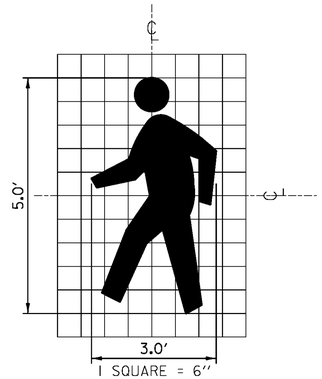
1. THIS DETAIL IS CONFIGURED FOR AN 11 FOOT LANE.
2. MARK LIGHT STRING LINE ON PAVEMENT ACROSS ROADWAY (CURB TO CURB).
3. ESTABLISH THE CENTER LINE OF THE ROADWAY (DOUBLE YELLOW LINE OR LANE LINE).
4. BLOCKS ARE PARALLEL TO THE CENTERLINE (DOUBLE YELLOW LINE OR LANE LINE) (OFFSET BLOCKS VERTICALLY TO ACHIEVE REQUIRED SKEW).
5. ALWAYS START MEASURING FROM THE CENTERLINE OR LANE LINE RIGHT, WITH THE FLOW OF TRAFFIC.
6. PAINTED BLOCKS ARE 24 INCHES (TYPICAL).

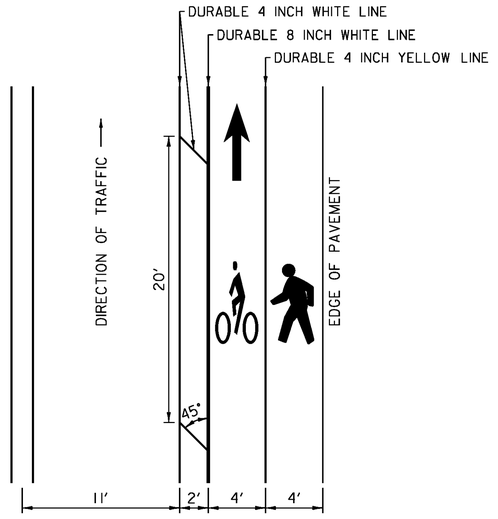
(•)7. ADJUST SPACING (12 INCHES-24 INCHES) TO AVOID WHEEL PATHS

BLOCK PATTERN CROSSWALK DETAIL



HYDRANT MARKING DETAIL





BIKE /PEDESTRIAN STRIPING DETAIL

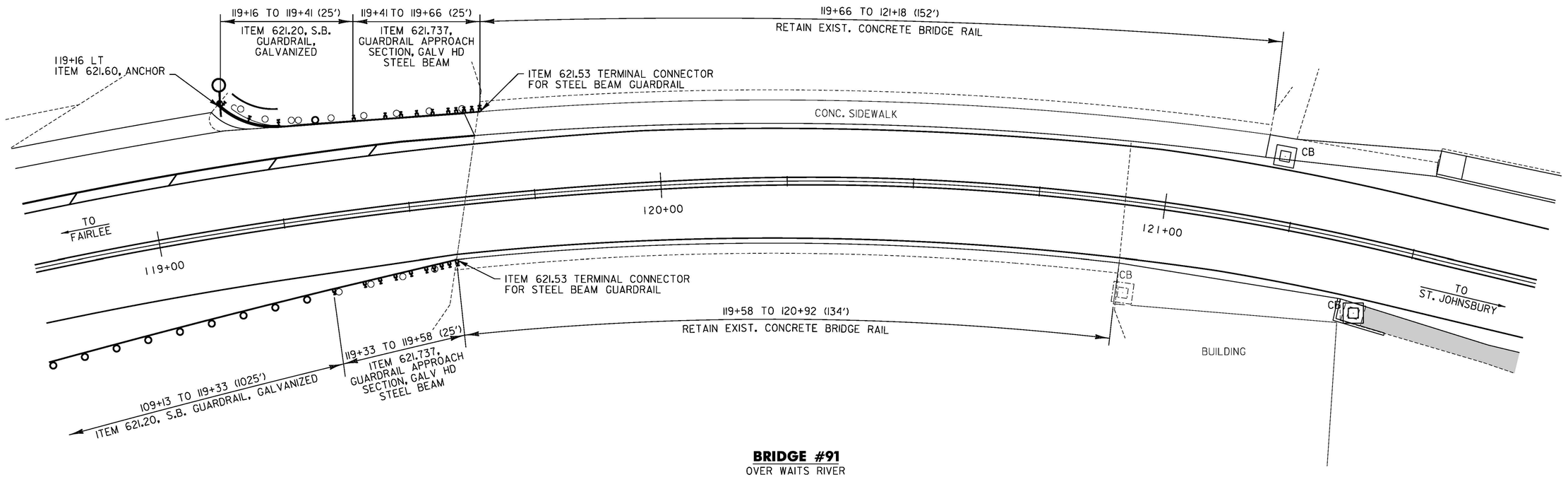
PAVEMENT MARKING NOTE

1. ALL PAVEMENT MARKINGS SHALL CONFORM TO THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND THE LATEST EDITION OF THE STANDARD HIGHWAY SIGNS INCLUDING PAVEMENT MARKINGS AND STANDARD ALPHABETS BOOKS.

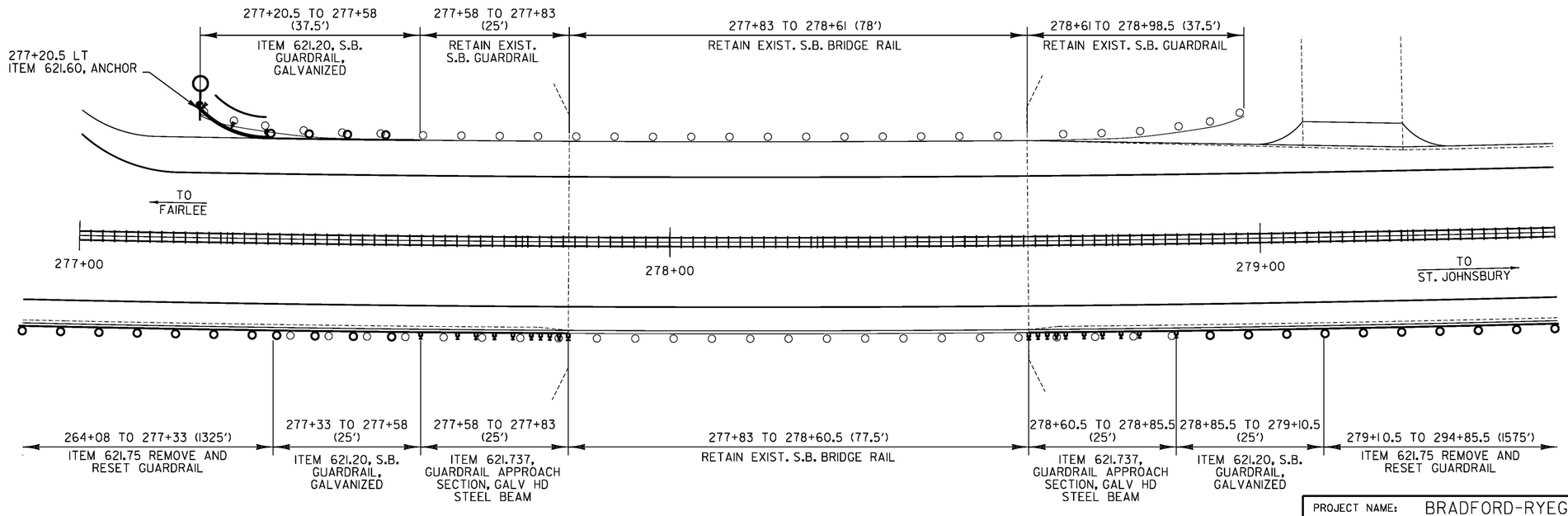
NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(1)
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
TYPICAL PAVEMENT MARKINGS SHEET	SHEET 38 OF 239

CLD 14-0278



BRIDGE #91
OVER WAITS RIVER
120+37 (MM 2.280)

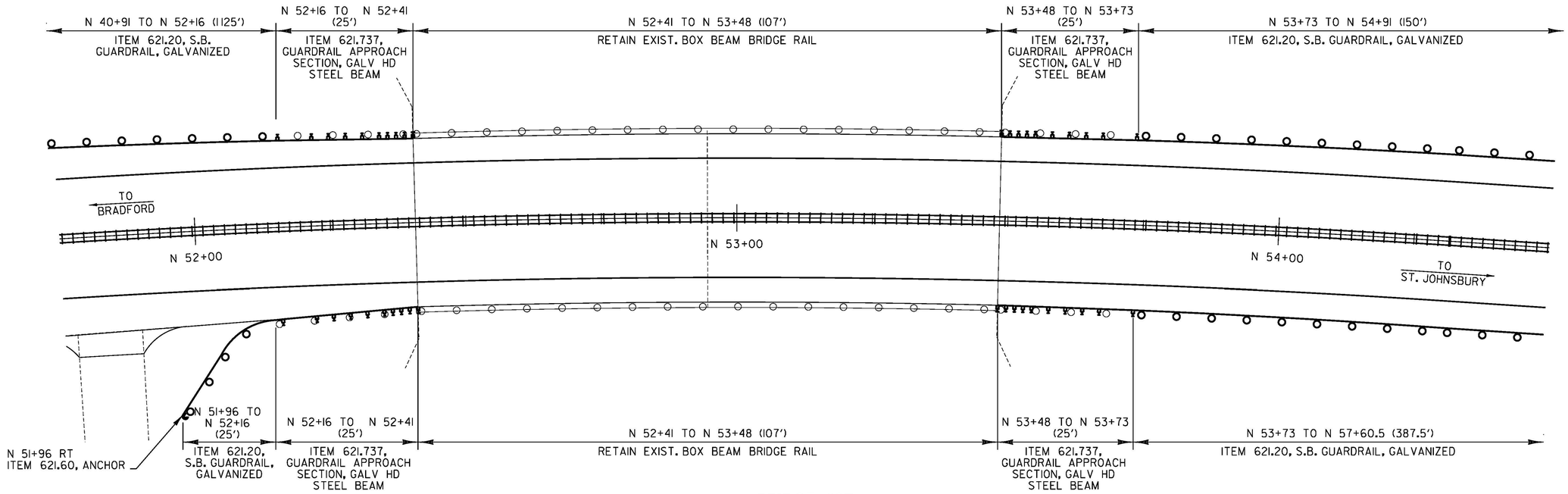


BRIDGE #93
OVER ROARING BROOK
278+21 (MM 5.269)

NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
BRIDGE RAILING DETAIL SHEET I	SHEET 39 OF 239

CLD 14-0278



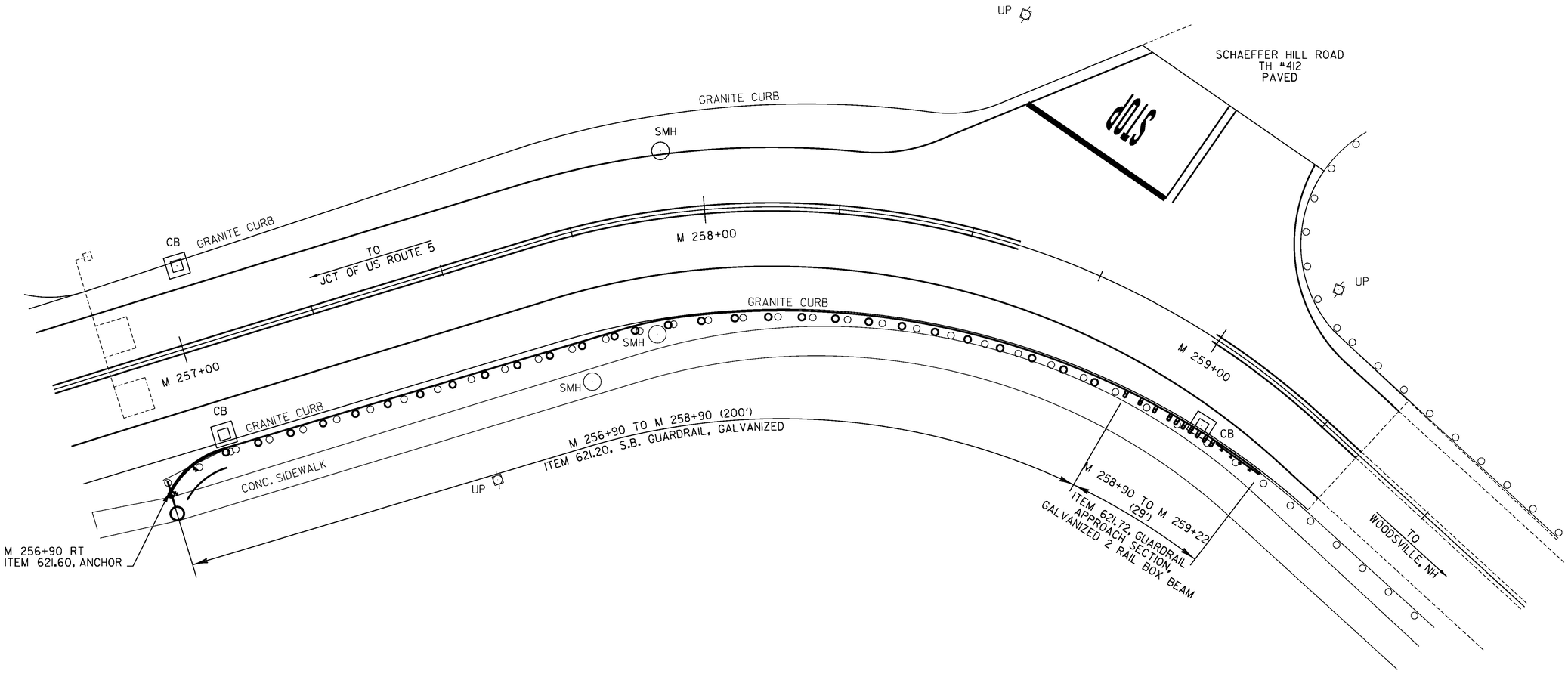
BRIDGE #97

OVER HALLS BROOK
N 52+95 (MM 1.003)

NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
BRIDGE RAILING DETAIL SHEET 2	SHEET 40 OF 239

CLD 14-0278



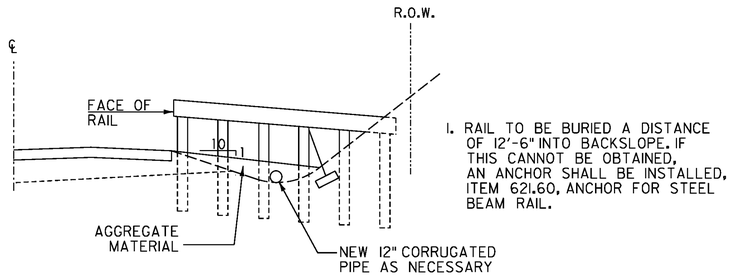
US ROUTE 302 BRIDGE AT STATE LINE

OVER CONNECTICUT RIVER

NOT TO SCALE

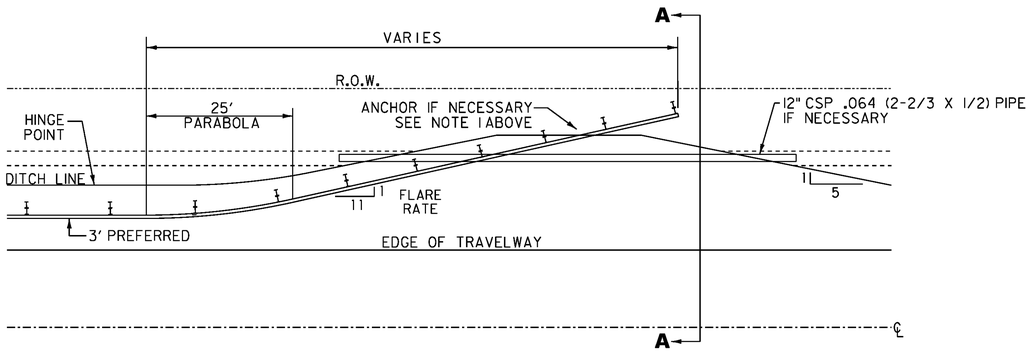
PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
BRIDGE RAILING DETAIL SHEET 3	SHEET 41 OF 239

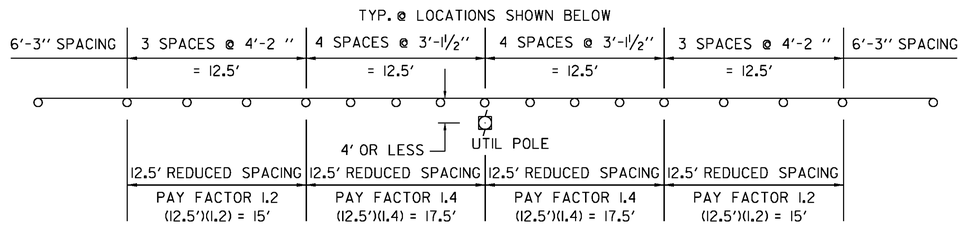
CLD 14-0278



1. RAIL TO BE BURIED A DISTANCE OF 12'-6" INTO BACKSLOPE. IF THIS CANNOT BE OBTAINED, AN ANCHOR SHALL BE INSTALLED, ITEM 621.60, ANCHOR FOR STEEL BEAM RAIL.

SECTION A-A





DETAIL FOR BURIED GUARDRAIL ENDS INTO BACKSLOPES

NEWBURY US ROUTE 5 - N 247+58 RT

RYEGATE US ROUTE 5 - R 4+63 LT
R 32+90 LT
R 37+90 RT
R 38+15 LT

NON-YIELDING OBJECT DETAIL

OBJECTS WITHIN 4.0 FT OF GUARDRAIL

NEWBURY US ROUTE 5 - N 80+72 RT
N 83+01 RT
N 85+27 RT
N 116+43 RT
N 117+74 RT
N 120+38 RT
N 121+72 RT
N 505+76 RT
N 507+64 RT
N 513+63 RT

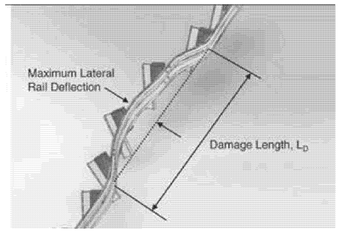
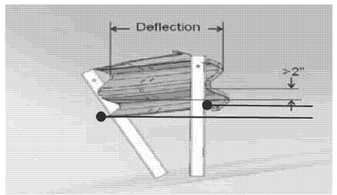
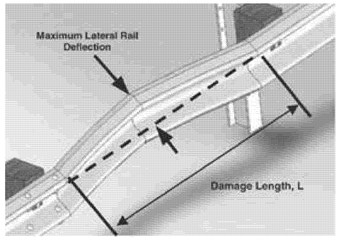
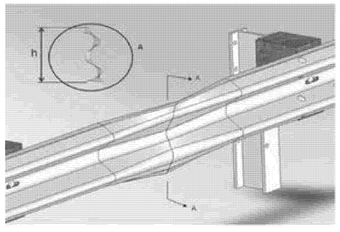
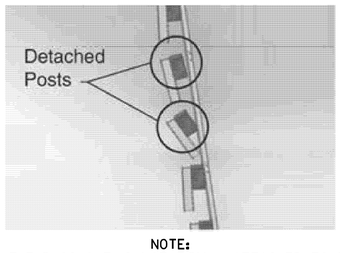
NEWBURY US 302 EAST - M 250+79 RT

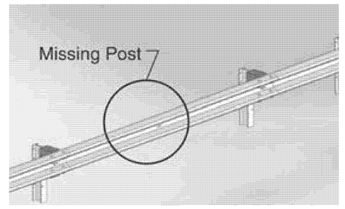
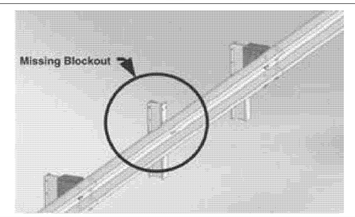
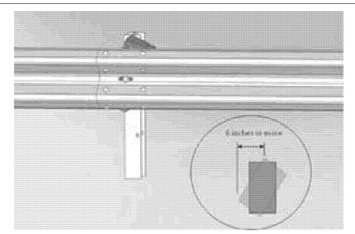
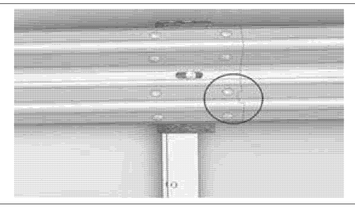
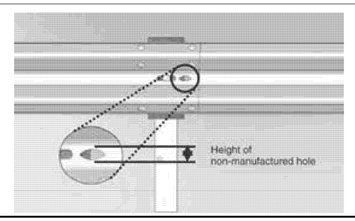
NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
GUARDRAIL DETAIL SHEET	SHEET 42 OF 239

CLD 14-0278

GUARDRAIL REPLACEMENT GUIDELINES

DAMAGE TYPE	REPAIR THRESHOLD	RELATIVE PRIORITY	MEASUREMENT
POST AND RAIL DEFLECTION	ONE OR MORE OF THE FOLLOWING THRESHOLDS: • MORE THAN 9 IN. OF LATERAL DEFLECTION ANYWHERE OVER A 25 FT LENGTH OF RAILTOP OF RAIL • HEIGHT 2 OR MORE IN. LOWER THAN ORIGINAL TOP OF RAIL HEIGHT	HIGH	
	6 - 9 IN. LATERAL DEFLECTION ANYWHERE OVER A 25-FT LENGTH OF RAIL	MEDIUM	
	LESS THAN 6 IN. OF LATERAL DEFLECTION OVER A 25-FT LENGTH OR RAIL	LOW	(WEAK POST W-BEAM SHOWN ONLY FOR CLARITY. EACH MEASUREMENT TAKEN AT THE RAIL'S MIDDLE FOLD)
RAIL DEFLECTION ONLY	6 - 9 IN. OF LATERAL DEFLECTION BETWEEN ANY TWO ADJACENT POSTS. NOTE: FOR DEFLECTION OVER 9 IN., USE POST/RAIL DEFLECTION GUIDELINES	MEDIUM	
	LESS THAN 6 IN. OF LATERAL DEFLECTION BETWEEN ANY TWO ADJACENT POSTS	LOW	
RAIL FLATTENING	ONE OR MORE OF THE FOLLOWING THRESHOLDS: • RAIL CROSS SECTION HEIGHT MORE THAN 17 IN. (SUCH AS MAY OCCUR IF RAIL IS FLATTENED) • RAIL CROSS SECTION HEIGHT LESS THAN 9 IN. (SUCH AS A DENT TO TOP EDGE) • WHEN GUARDRAIL IS TO BE REMOVED AND RESET, PANELS WITH A RAIL CROSS SECTION HEIGHT OF 15 INCHES OR GREATER SHALL BE REPLACED	MEDIUM	
	RAIL CROSS SECTION HEIGHT BETWEEN 9 AND 17 IN.	LOW	
POSTS SEPARATED FROM RAIL	• 2 OR MORE POSTS WITH BLOCKOUT ATTACHED WITH POST/RAIL SEPARATION LESS THAN 3 IN. • 1 OR MORE POSTS WITH POST/RAIL SEPARATION WHICH EXCEEDS 3 IN.	MEDIUM	
	• 1 POST, WITH BLOCKOUT ATTACHED, WITH POST/RAIL SEPARATION LESS THAN 3 IN.	LOW	NOTE: 1. IF THE BLOCKOUT IS NOT FIRMLY ATTACHED TO THE POST, USE THE MISSING BLOCKOUT GUIDELINES. 2. DAMAGE SHOULD ALSO BE EVALUATED AGAINST POST/RAIL DEFLECTION GUIDELINES.

DAMAGE TYPE	REPAIR THRESHOLD	RELATIVE PRIORITY	MEASUREMENT
MISSING/BROKEN POSTS	1 OR MORE POSTS • MISSING • CRACKED ACROSS THE GRAIN • BROKEN • ROTTED • WITH METAL TEARS	HIGH	
MISSING BLOCKOUT	ANY BLOCKOUTS • MISSING • CRACKED ACROSS THE GRAIN • CRACKED FROM TOP OR BOTTOM OF BLOCKOUT THROUGH POST BOLT HOLE • ROTTED	MEDIUM	
TWISTED BLOCKOUTS	ANY MISALIGNED BLOCKOUTS, TOP EDGE OF BLOCK 6 IN. OR MORE FROM BOTTOM EDGE NOTE: REPAIRS OF TWISTED BLOCKOUT ARE RELATIVELY QUICK AND INEXPENSIVE	LOW	
DAMAGE AT A RAIL SPLICE	MORE THAN 1 SPLICE BOLT: • MISSING • DAMAGED • VISIBLY MISSING ANY UNDERLYING RAIL • TORN THROUGH RAIL	HIGH	
	1 SPLICE BOLT: • MISSING • DAMAGED • VISIBLY MISSING ANY UNDERLYING RAIL • TORN THROUGH RAIL	MEDIUM	
NON-MANUFACTURED HOLE (SUCH AS CRASH-INDUCED HOLES, LUG-NUT DAMAGE, OR HOLES RUSTED-THROUGH THE RAIL	• MORE THAN 2 HOLES LESS THAN 1IN. HEIGHT IN A 12.5-FT LENGTH OF RAIL • ANY HOLES GREATER THAN 1IN. IN HEIGHT • ANY HOLE WHICH INTERSECTS EITHER THE TOP OR BOTTOM EDGE OF THE RAIL	HIGH	
	1- 2 HOLES LESS THAN 1IN. IN HEIGHT IN A 12.5-FT LENGTH OF RAIL	MEDIUM	

NOTES:

1. THESE ARE GUIDELINES FOR THE EVALUATION OF EXISTING GUARDRAIL. THESE ARE GUIDELINES ONLY AND THE CONTRACTOR SHALL REPLACE GUARDRAIL AS DIRECTED BY THE ENGINEER.
2. GUIDELINES ARE FROM THE NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM (NCHRP) REPORT 656, "CRITERIA FOR RESTORATION OF LONGITUDINAL BARRIERS", COPYRIGHT 2010.

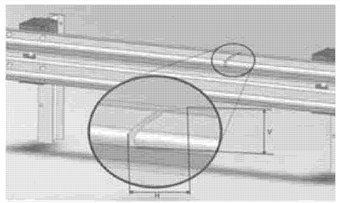
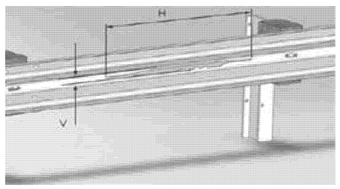
PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

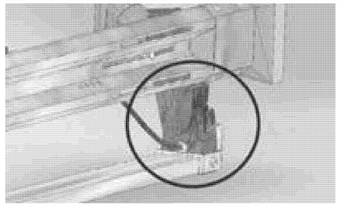
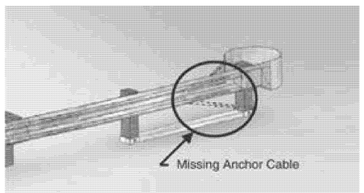
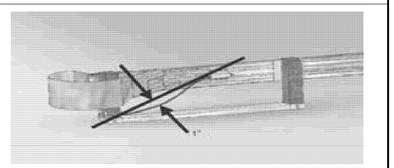
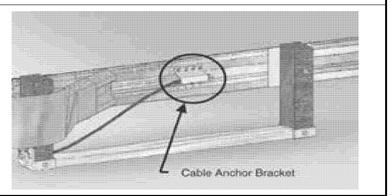
FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
GUARDRAIL REPLACEMENT DETAIL SHEET 1

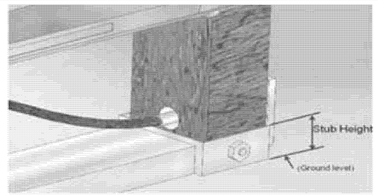
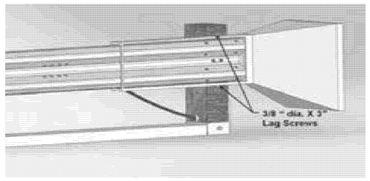
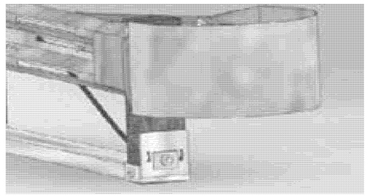
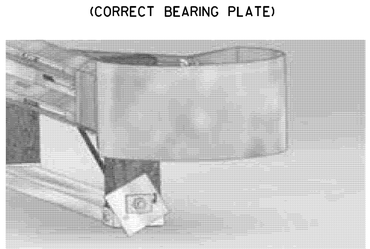
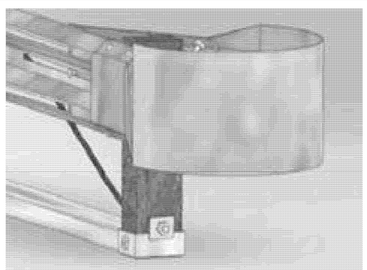
PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 43 OF 239

CLD 14-0278

GUARDRAIL REPLACEMENT GUIDELINES

DAMAGE TYPE	REPAIR THRESHOLD	RELATIVE PRIORITY	MEASUREMENT
VERTICAL TEAR	ANY LENGTH VERTICAL (TRANSVERSE) TEAR	HIGH	
HORIZONTAL TEAR	HORIZONTAL (LONGITUDINAL) GREATER THAN 12 IN. LONG AND GREATER THAN 0.5 IN. WIDE NOTE: FOR HORIZONTAL TEARS LESS THAN 12 IN. IN LENGTH OR LESS THAN 0.5 IN. IN HEIGHT, USE THE NON-MANUFACTURED HOLES GUIDELINES	MEDIUM	

DAMAGE	REPAIR THRESHOLD	RELATIVE PRIORITY	MEASUREMENT
DAMAGED END POST	NOT FUNCTIONAL (SHEARED, ROTTED CRACKED ACROSS THE GRAIN)	HIGH	
ANCHOR CABLE	MISSING	HIGH	
ANCHOR CABLE	LOOSE - MORE THAN 1 IN. OF MOVEMENT WHEN PUSHED DOWN BY HAND	MEDIUM	
CABLE ANCHOR BRACKET	LOOSE OR NOT FIRMLY SEATED IN RAIL	MEDIUM	

DAMAGE	REPAIR THRESHOLD	RELATIVE PRIORITY	MEASUREMENT
STUB HEIGHT	HEIGHT WHICH EXCEEDS 4 IN.	MEDIUM	
LAG SCREWS (ENERGY ABSORBING TERMINALS ONLY)	MISSING OR FAILED LAG SCREWS	HIGH	
BEARING PLATE	LOOSE OR MISALIGNED	MEDIUM	 (CORRECT BEARING PLATE)  (MISALIGNED BEARING PLATE)
MISSING BEARING PLATE		HIGH	 (MISSING BEARING PLATE)

NOTES:

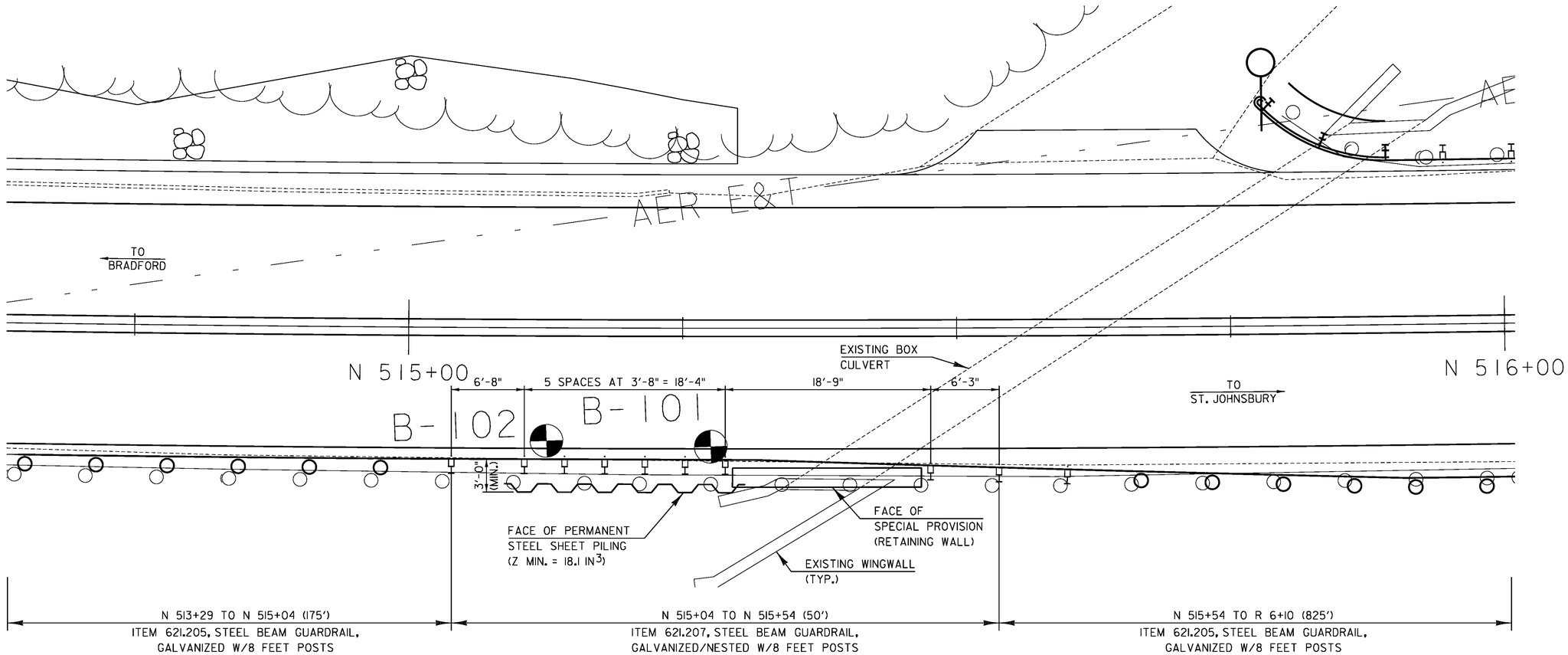
1. THESE ARE GUIDELINES FOR THE EVALUATION OF EXISTING GUARDRAIL. THESE ARE GUIDELINES ONLY AND THE CONTRACTOR SHALL REPLACE GUARDRAIL AS DIRECTED BY THE ENGINEER.
2. GUIDELINES ARE FROM THE NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM (NCHRP) REPORT 656, "CRITERIA FOR RESTORATION OF LONGITUDINAL BARRIERS", COPYRIGHT 2010.

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
GUARDRAIL REPLACEMENT DETAIL SHEET 2

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 44 OF 239

CLD 14-0278



BRIDGE #109

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
BRIDGE 109 GUARDRAIL DETAIL SHEET	SHEET 45 OF 239

CLD 14-0278

SOIL CLASSIFICATION

AASHTO	
A1	Gravel and Sand
A3	Fine Sand
A2	Silty or Clayey Gravel and Sand
A4	Silty Soil - Low Compressibility
A5	Silty Soil - Highly Compressible
A6	Clayey Soil - Low Compressibility
A7	Clayey Soil - Highly Compressible

ROCK QUALITY DESIGNATION

R.Q.D. (%)	ROCK DESCRIPTION
<25	Very Poor
25 to 50	Poor
51 to 75	Fair
76 to 90	Good
>90	Excellent

SHEAR STRENGTH

UNDRAINED SHEAR STRENGTH IN P.S.F.	CONSISTENCY
<250	Very Soft
250-500	Soft
500-1000	Med. Stiff
1000-2000	Stiff
2000-4000	Very Stiff
>4000	Hard

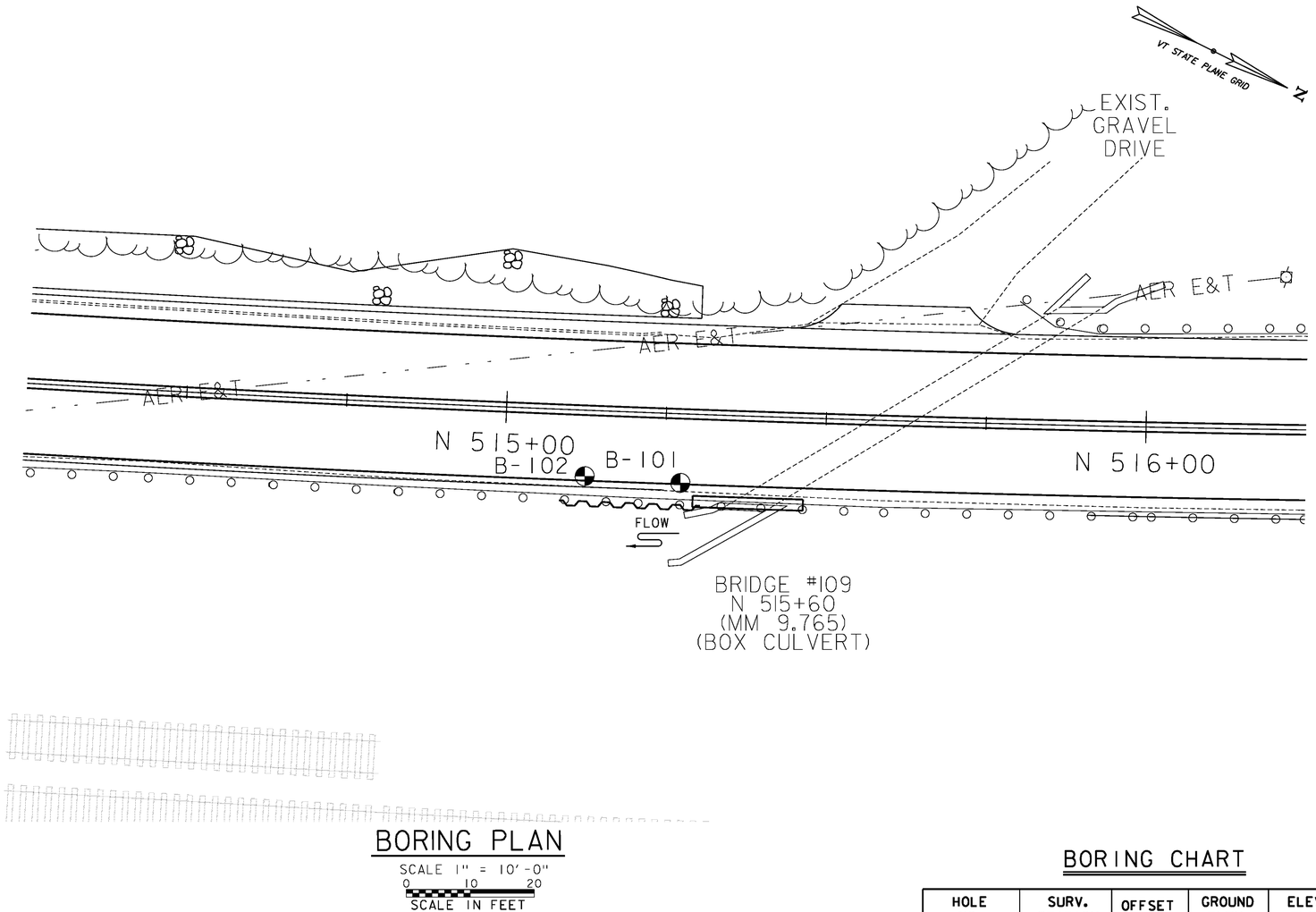
CORRELATION GUIDE OF "N" TO DENSITY/CONSISTENCY

DENSITY (GRANULAR SOILS)		CONSISTENCY (COHESIVE SOILS)	
N	DESCRIPTIVE TERM	N	DESCRIPTIVE TERM
<5	Very Loose	<2	Very Soft
5-10	Loose	2-4	Soft
11-24	Med. Dense	5-8	Med. Stiff
25-50	Dense	9-15	Stiff
>50	Very Dense	16-30	Very Stiff
		31-60	Hard
		>60	Very Hard

COMMONLY USED SYMBOLS

▼	Water Elevation
⊙	Standard Penetration Boring
⊕	Auger Boring
⊙	Rod Sounding
S	Sample
N	Standard Penetration Test Blow Count Per Foot For: 2" O.D. Sampler, 1 3/8" I.D. Sampler, Hammer Weight Of 140 Lbs., Hammer Fall Of 30"
VS	Field Vane Shear Test
US	Undisturbed Soil Sample
B	Blast
DC	Diamond Core
MD	Mud Drill
WA	Wash Ahead
HSA	Hollow Stem Auger
AX	Core Size 1 1/8"
BX	Core Size 1 5/8"
NX	Core Size 2 1/8"
M	Double Tube Core Barrel Used
LL	Liquid Limit
PL	Plastic Limit
PI	Plasticity Index
NP	Non Plastic
w	Moisture Content (Dry Wgt. Basis)
D	Dry
M	Moist
MTW	Moist To Wet
W	Wet
Sat	Saturated
Bo	Boulder
Gr	Gravel
Sa	Sand
SI	Silt
Cl	Clay
HP	Hardpan
Le	Ledge
NLTD	No Ledge To Depth
CNPF	Can Not Penetrate Further
TLOB	To Ledge Or Boulder
NR	No Recovery
Rec.	Recovery
%Rec.	Percent Recovery
RQD	Rock Quality Designation
CBR	California Bearing Ratio
<	Less Than
>	Greater Than
R	Refusal (N > 100)

COLOR			
blk	Black	pnk	Pink
bl	Blue	pu	Purple
brn	Brown	rd	Red
dk	Dark	tn	Tan
gry	Gray	wh	White
gn	Green	yel	Yellow
lt	Light	mltc	Multicolored
or	Orange		



BORING PLAN

SCALE 1" = 10'-0"

0 10 20

SCALE IN FEET

BORING CHART

HOLE NO.	SURV. STATION	OFFSET	GROUND ELEV.	ELEV. TLOB
B-101	N 515+27.6	10.80'	457.0	
B-102	N 515+12.6	10.30'	456.0	

DEFINITIONS (AASHTO)

BEDROCK (LEDGE) - Rock in its native location of indefinite thickness.

BOULDER - A rock fragment with an average dimension > 12 inches.

COBBLE - Rock fragments with an average dimension between 3 and 12 inches.

GRAVEL - Rounded particles of rock < 3" and > 0.0787" (#10 sieve).

SAND - Particles of rock < 0.0787" (#10 sieve) and > 0.0029" (#200 sieve).

SILT - Soil < 0.0029" (#200 sieve), non or slightly plastic and exhibits no strength when air-dried.

CLAY - Fine grained soil, exhibits plasticity when moist and considerable strength when air-dried.

VARVED - Alternate layers of silt and clay.

HARDPAN - Extremely dense soil, cemented layer, not softened when wet.

MUCK - Soft organic soil (containing > 10% organic material.

MOISTURE CONTENT - Weight of water divided by dry weight of soil.

FLOWING SAND - Granular soil so saturated (loose) that it flows into drill casing during extraction of wash rod.

STRIKE - Angle from magnetic north to line of intersection of bed with a horizontal plane.

DIP - Inclination of bed with a horizontal plane.

GENERAL NOTES

1. The subsurface explorations shown herein were made between 11/06/15 and 11/09/15 by the Agency.
2. Soil and rock classifications, properties and descriptions are based on engineering interpretation from available subsurface information by the Agency and may not necessarily reflect actual variations in subsurface conditions that may be encountered between individual boring or sample locations.
3. Observed water levels and/or conditions indicated are as recorded at the time of exploration and may vary according to the prevailing rainfall, methods of exploration and other factors.
4. Engineering judgement was exercised in preparing the subsurface information presented herein. Analysis and interpretation of subsurface data was performed and interpreted for Agency design and estimating purposes. Presentation of the information in the Contract is intended to provide the Contractor access to the same data available to the Agency. The subsurface information is presented in good faith and is not intended as a substitute for personal investigation, independent interpretation, independent analysis or judgement by the Contractor.
5. Pictorial structure details shown on the boring plan layout or soils profile are for illustrative purposes only and may not accurately portray final contract details.
6. Terminology used on boring logs to describe the hardness, degree of weathering, and spacing of fractures, joints and other discontinuities in the bedrock is defined in the AASHTO Manual on Subsurface Investigations, 1988.

PROJECT NAME: BRADFORD-RYEGATE

PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
BORING INFORMATION SHEET

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 46 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION
CONSTRUCTION AND
MATERIALS BUREAU
CENTRAL LABORATORY

BORING LOG

BRADFORD-RYEGATE
STP 2929(1)
US-5

Boring No.: **B-101**
Page No.: 1 of 1
Pin No.: 10c264
Checked By: MLM

Boring Crew: NIETO, GARROW
Date Started: 11/06/15 Date Finished: 11/06/15
VTSPG NAD83: N 604394.50 ft E 1759567.67 ft
Station: 515+27.6 Offset: 10.80
Ground Elevation: 457.0 ft

	Casing	Sampler
Type:	WB	SS
I.D.:	4 in	1.5 in
Hammer Wt:	N.A.	140 lb.
Hammer Fall:	N.A.	30 in.
Hammer/Rod Type:	Auto/AWJ	
Rig:	CME 45C SKID	C_k = Unknown

Groundwater Observations

Date	Depth (ft)	Notes
11/06/15	8.3	W.T. during drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Asphalt Pavement, 0.0 ft - 1.0 ft								
		A-1-b, GrSa, brn, Moist, Rec. = 0.8 ft				3-4-3-3 (7)	13.5	39.0	41.5	19.5
		A-2-4, GrSiSa, brn, Moist, Rec. = 0.9 ft				2-3-3-4 (6)	15.9	23.2	45.2	31.6
5		A-2-4, SiSaGr, brn, Moist, Rec. = 0.4 ft				2-1-1-1 (2)	19.9	40.8	31.2	28.0
		A-4, SaSi, gry, Moist, Rec. = 0.4 ft				1-1-1-5 (2)	21.1	19.5	28.3	52.2
10		A-2-4, SiSa, gry, Moist, Rec. = 1.2 ft, Lab Note: Pieces of wood were within sample				5-2-1-1 (3)	34.5	11.5	53.8	34.7
		A-1-b, GrSa, gry, Moist, Rec. = 0.7 ft, Lab Note: Broken rock was within sample				6-2-3-3 (5)	14.4	41.0	50.3	8.7
		A-3, Sa, gry, Moist, Rec. = 0.9 ft				2-1-1-1 (2)	26.3	2.0	89.9	8.1
15		A-3, Sa, gry, Moist, Rec. = 1.2 ft				1-1-3-4 (4)	23.2	2.4	91.7	5.9
20		A-2-4, Sa, brn, Moist, Rec. = 1.1 ft				5-8-9-8 (17)	22.9	0.1	85.0	14.9
		Field Note:, Cleaned out with NXDC								
25		24.0 ft - 29.0 ft, Light gray to light green, SCHIST, with few quartz veins. Orange and brown staining on joints. Moderately hard, Slightly weathered, Fair rock, NX, RMR=44	1 (80)	100 (24)	6 5 3 7 6	Top of Bedrock @ 24.0 ft				
30		Hole stopped @ 29.0 ft								
		Remarks: Hole Collpased at 11.9 feet.								

Notes:
1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. N Values have not been corrected for hammer energy. C is the hammer energy correction factor.
3. Water level readings have been made at times and under conditions stated. Fluctuations may occur due to other factors than those present at the time measurements were made.

BORING LOG 2 BRADFORD-RYEGATE STP2929(1).GPJ VERMONT AOT.GDT 11/17/15

STATE OF VERMONT
AGENCY OF TRANSPORTATION
CONSTRUCTION AND
MATERIALS BUREAU
CENTRAL LABORATORY

BORING LOG

BRADFORD-RYEGATE
STP 2929(1)
US-5

Boring No.: **B-102**
Page No.: 1 of 1
Pin No.: 10c264
Checked By: MLM

Boring Crew: GARROW, NIETO
Date Started: 11/09/15 Date Finished: 11/09/15
VTSPG NAD83: N 604380.63 ft E 1759573.39 ft
Station: 515+12.6 Offset: 10.30
Ground Elevation: 456.0 ft

	Casing	Sampler
Type:	WB	SS
I.D.:	4 in	1.5 in
Hammer Wt:	N.A.	140 lb.
Hammer Fall:	N.A.	30 in.
Hammer/Rod Type:	Auto/AWJ	
Rig:	CME 45C SKID	C_k = Unknown

Groundwater Observations

Date	Depth (ft)	Notes
11/09/15	12.2	W.T. after drilling

Depth (ft)	Strata (1)	CLASSIFICATION OF MATERIALS (Description)	Run (Dip deg.)	Core Rec. % (RQD %)	Drill Rate minutes/ft	Blows/6" (N Value)	Moisture Content %	Gravel %	Sand %	Fines %
		Field Note:, No Recovery				R@5" (R)				
		Field Note:, Cleaned out with NXDC								
5		A-2-4, SiGrSa, brn-blk, Moist, Rec. = 1.0 ft				1-3-5-7 (8)	17.3	28.3	43.7	28.0
		A-4, SiSa, brn, Moist, Rec. = 1.1 ft				5-7-5-3 (12)	16.7	11.7	49.4	38.9
		A-4, SiSa, brn, Moist, Rec. = 0.8 ft				5-8-7-5 (15)	20.0	14.9	43.2	41.9
10		A-2-4, SiGrSa, gry-orange, Moist, Rec. = 1.1 ft, Lab Note: Sample was brown and gray in mixed layers.				2-4-6-5 (10)	16.4	28.6	49.4	22.0
		A-1-b, GrSa, gry, Moist, Rec. = 0.5 ft, Lab Note: Broken rock and pieces of wood were within sample.				3-4-8-4 (12)	16.5	41.8	47.1	11.1
		A-2-4, Sa, gry, Moist, Rec. = 0.9 ft				5-3-2-2 (5)	22.8	1.0	83.5	15.5
15		Field Note:, No Recovery				4-8-12-12 (20)				
20		A-2-4, Sa, Lt/brn, Moist, Rec. = 1.1 ft				6-5-6-6 (11)	24.0	1.5	84.9	13.6
25		A-2-4, SiSa, Lt/brn, Moist, Rec. = 1.1 ft				2-3-4-5 (7)	24.8	0.9	68.3	30.8
30		Field Note:, No Recovery, Cleaned out with NXDC				R@1"				
		30.6 ft - 35.6 ft, Light gray to light green, SCHIST, with few quartz veins and rare pyrite. Faint brown staining on joints. Hard, Very slightly weathered, Good rock, NX, RMR=68	1 (70-75)	90 (78)	5 5 5 4 5	Top of Bedrock @ 30.6 ft				
35		Hole stopped @ 35.6 ft								

Notes:
1. Stratification lines represent approximate boundary between material types. Transition may be gradual.
2. N Values have not been corrected for hammer energy. C is the hammer energy correction factor.
3. Water level readings have been made at times and under conditions stated. Fluctuations may occur due to other factors than those present at the time measurements were made.

BORING LOG 2 BRADFORD-RYEGATE STP2929(1).GPJ VERMONT AOT.GDT 11/17/15

NOTE

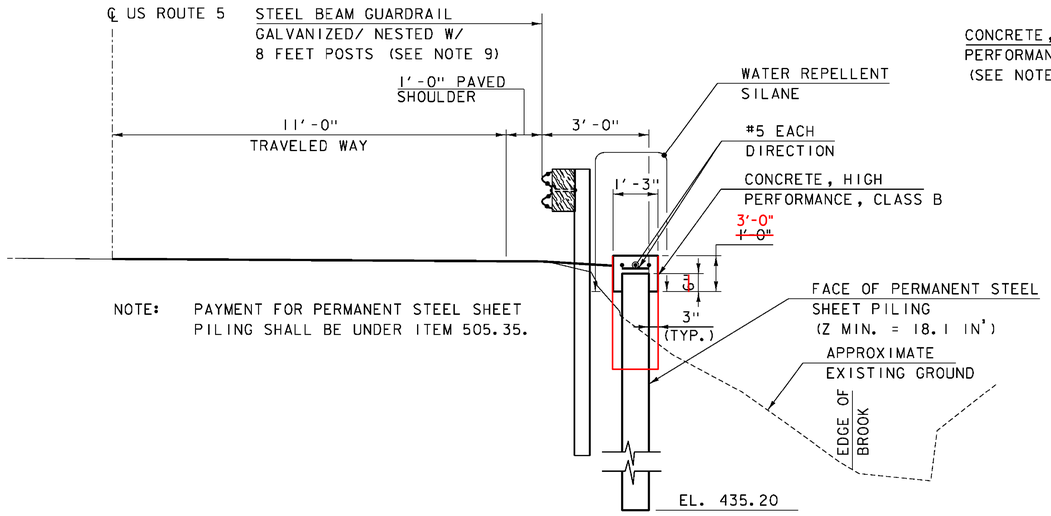
SEE US 5 PLAN SHEET I27 FOR BORE HOLE LOCATIONS.

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
BORING SHEET

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 47 OF 239

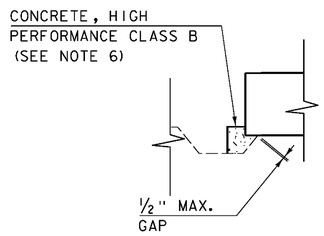
CLD 14-0278



NOTE: PAYMENT FOR PERMANENT STEEL SHEET PILING SHALL BE UNDER ITEM 505.35.

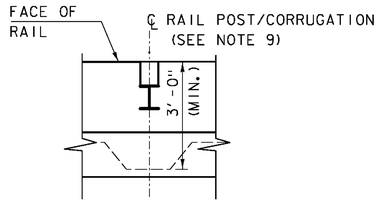
TYPICAL SECTION AT PERMANENT STEEL SHEET PILING

(STA. N 515+19.61 RT TO STA. N 515+29.55 RT)
SCALE: ½" = 1'-0"



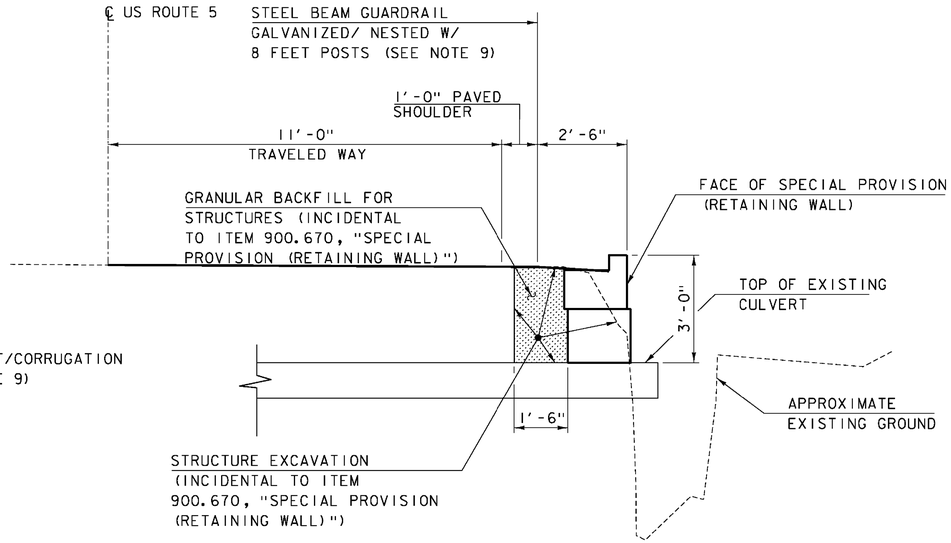
SECTION A-A

SCALE: ½" = 1'-0"



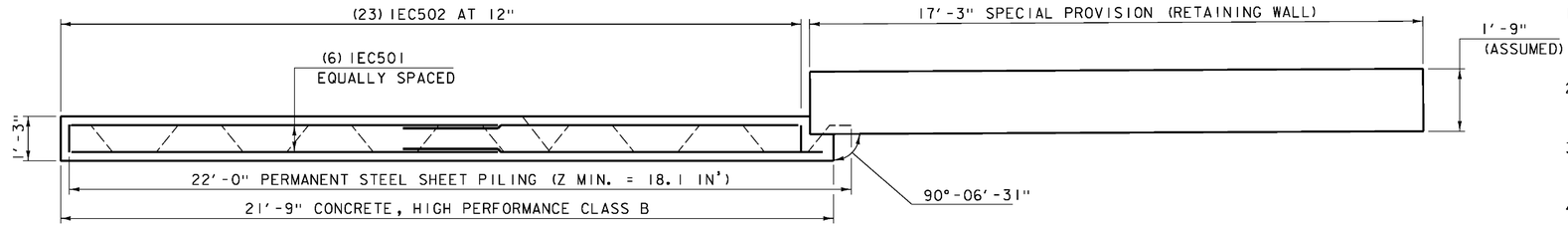
RAIL POST DETAIL

SCALE: ½" = 1'-0"



TYPICAL SECTION AT SPECIAL PROVISION (RETAINING WALL)

(STA. N 515+29.55 RT TO STA. N 515+46.75 RT)
SCALE: ½" = 1'-0"

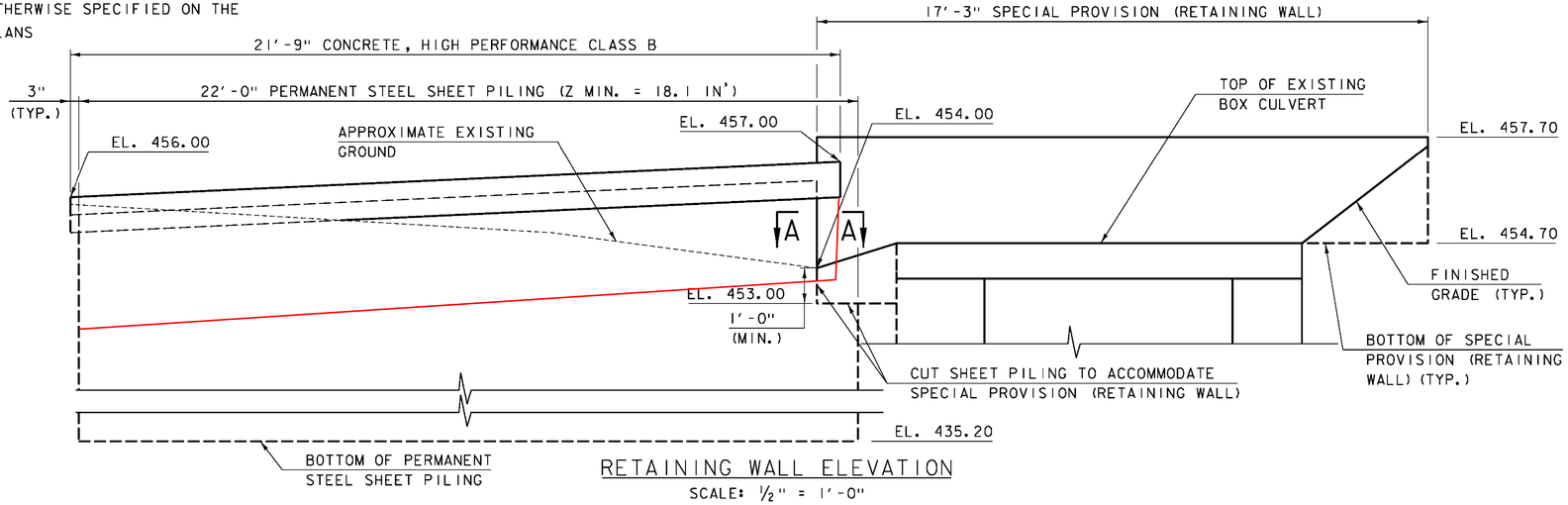


RETAINING WALL PLAN

SCALE: ½" = 1'-0"

NOTES:

3" CLEAR, UNLESS OTHERWISE SPECIFIED ON THE THE PLANS.
2'-8" BAR LAP UNLESS OTHERWISE SPECIFIED ON THE PLANS



RETAINING WALL ELEVATION

SCALE: ½" = 1'-0"

NOTES:

1. ALL CONCRETE SHALL CONFORM TO THE SPECIFICATIONS FOR CONCRETE, HIGH PERFORMANCE CLASS B. THE CONTRACTOR SHALL PROVIDE TESTING EQUIPMENT FOR CONCRETE IN ACCORDANCE WITH SUBSECTION 631.05.
2. ALL REINFORCING STEEL SHALL BE LEVEL 1 - EPOXY COATED AND MEET THE REQUIREMENTS OF SECTION 507. LEVEL 1 - EPOXY COATED REINFORCEMENT IS DESIGNATED BY AN "E" IN THE BAR MARK PREFIX.
3. ALL REINFORCING STEEL SHALL BE DETAILED AND FABRICATED USING PROCEDURES AND TOLERANCES IN ACCORDANCE WITH APPLICABLE PUBLICATIONS OF THE "CONCRETE REINFORCING STEEL INSTITUTE".
4. TEST BARS SHALL BE PROVIDED IN ACCORDANCE WITH THE "VERMONT AGENCY OF TRANSPORTATION MATERIALS SAMPLING MANUAL" AVAILABLE ON THE AGENCY WEBSITE.
5. THE PERMANENT STEEL SHEET PILING WILL BE PAID FOR UNDER ITEM 505.35, "PERMANENT STEEL SHEET PILING (Z MIN. = 18.1 IN')". PZ 22 SHEETS, OR SHEETS THAT MEET THE SAME DESIGN REQUIREMENTS FOR SECTION MODULUS AND MATCH POST SPACING, SHALL BE UTILIZED.
6. THE CAST-IN-PLACE CONCRETE WALL CAP ON THE PERMANENT STEEL SHEET PILE WALL WILL BE PAID FOR UNDER ITEM 501.34, "CONCRETE, HIGH PERFORMANCE CLASS B".
7. THE RETAINING WALL ON TOP OF THE EXISTING BOX CULVERT WILL BE PAID FOR UNDER ITEM 900.670, "SPECIAL PROVISION (RETAINING WALL)".
8. ANY GAP BETWEEN THE SHEET PILE WALL AND THE SPECIAL PROVISION (RETAINING WALL) SHALL BE SEALED WITH ITEM 501.34, "CONCRETE, HIGH PERFORMANCE CLASS B" AND SHALL EXTEND FROM THE BOTTOM OF THE SPECIAL PROVISION (RETAINING WALL) TO THE TOP OF THE PERMANENT STEEL SHEET PILING.
9. THE SPECIAL PROVISION (RETAINING WALL) SHALL HAVE A MINIMUM 1'-0" OF EMBEDMENT BELOW FINSHED GRADE OFF THE EXISTING CULVERT.
10. EXTREME CARE SHALL BE TAKEN NOT TO DAMAGE THE EXISTING CULVERT AND WINGWALLS, PARTICULARLY THE WINGWALL FOOTING, DURING CONSTRUCTION OPERATIONS. ANY DAMAGES TO THE EXISTING STRUCTURE DUE TO CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE.
11. SEE RAIL POST LAYOUT ON BRIDGE 109 GUARDRAIL DETAIL SHEET.

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264sub.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: S. BEAUMONT
RETAINING WALL DETAILS SHEET

PLOT DATE: 2/4/2016
DRAWN BY: M. SMITH
CHECKED BY: J. BYATT
SHEET 48 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

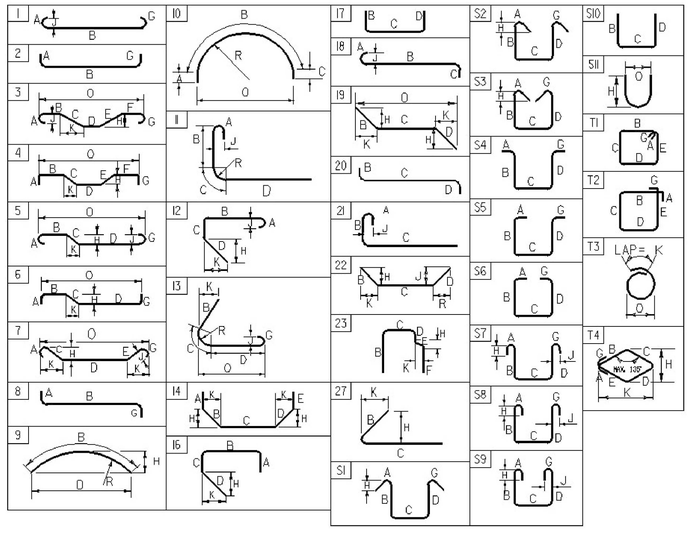
REINFORCING STEEL SCHEDULE

ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O
	CONCRETE CAP																
	6	5	12'- 0"	1EC501	STR	12'- 0"											
✳	23	5	0'- 9"	1EC502	STR	0'- 9"											

ITEM	EACH	SIZE	LENGTH	MARK	TYPE	A	B	C	D	E	F	G	H	J	K	R	O

~ NOTES ~

1. UNLESS OTHERWISE DESIGNATED, ALL BAR REINFORCEMENT FOR CONCRETE IN SIZES UP TO AND INCLUDING NO. 18 SHALL CONFORM TO THE REQUIREMENTS OF THE "SPECIFICATIONS FOR DEFORMED BILLET-STEEL BARS FOR CONCRETE REINFORCEMENT", AASHTO M 31 (ASTM A 615-SI). ALL BARS SHALL BE GRADE 60, UNLESS OTHERWISE DESIGNATED.
2. FOR TYPICAL BENDING DETAILS, RECOMMENDED PIN DIAMETER "D" OF BENDS AND HOOKS, AND OTHER STANDARD PRACTICE, SEE CURRENT CONCRETE REINFORCING STEEL INSTITUTE "MANUAL OF STANDARD PRACTICE".
3. BARS WHICH REQUIRE MORE ACCURATE BENDING THAN STANDARD PRACTICES SHOULD HAVE LIMITS INDICATED.
4. ALL DIMENSIONS ARE OUT TO OUT OF BAR EXCEPT "A" AND "G" ON STANDARD 180 DEGREE AND 135 DEGREE HOOKS.
5. "J" DIMENSION ON 180 DEGREE HOOKS TO BE SHOWN ONLY WHERE NECESSARY TO RESTRICT HOOK SIZE. OTHERWISE, STANDARD HOOKS ARE TO BE USED.
6. "H" DIMENSION ON STIRRUPS TO BE SHOWN ONLY WHEN NECESSARY TO MAINTAIN CLEARANCES.
7. WHERE SLOPE DIFFERS FROM 45 DEGREES, DIMENSIONS "H" AND "K" MUST BE SHOWN.
8. ▲ DENOTES BARS TO BE CUT IN FIELD.
9. ✳ DENOTES ONE EXTRA BAR ADDED FOR TESTING PURPOSES.
10. △ DENOTES TWO EXTRA BARS ADDED FOR TESTING PURPOSES.
11. E IN BAR MARK PREFIX DENOTES EPOXY COATED REINFORCING STEEL.



ASTM STANDARD REINFORCING BARS

BAR SIZE DESIGNATION	WEIGHT POUNDS PER FOOT	NOMINAL DIMENSIONS ROUND SECTION		
		DIAMETER INCHES	AREA INCHES^2	PERIMETER INCHES
#3	0.376	0.375	0.11	1.178
#4	0.668	0.500	0.20	1.571
#5	1.043	0.625	0.31	1.963
#6	1.502	0.750	0.44	2.356
#7	2.044	0.875	0.60	2.749
#8	2.670	1.000	0.79	3.142
#9	3.400	1.128	1.00	3.544
#10	4.303	1.270	1.27	3.990
#11	5.313	1.410	1.56	4.430
#14	7.65	1.693	2.25	5.32
#18	13.60	2.257	4.00	7.09

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264schedule.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: S. BEAUMONT
REINFORCING STEEL SCHEDULE SHEET

PLOT DATE: 2/4/2016
DRAWN BY: M. SMITH
CHECKED BY: A. GIRALDI
SHEET 49 OF 239

CLD 14-0278 MODEL: Schedule

LOCATION OF DRIVES

STATION	POSTION	QUANTITY (SY)
BRADFORD US 5		
83+78	RT	16
84+35	LT	60
85+11	RT	11
87+01	RT	9
88+50	LT	46
91+21	LT	6
92+05	RT	29
93+61	LT	17
93+86	RT	6
96+07	RT	7
96+29	LT	17
96+85	RT	8
97+43	RT	25
97+56	LT	49
98+42	RT	12
99+60	RT	8
100+12	LT	12
100+54	RT	9
101+15	RT	17
101+71	RT	18
102+67	RT	18
109+04	RT	15
118+95	LT	18
121+34	LT	21
122+54	LT	35
123+14	RT	79
125+15	RT	18
133+10	LT	5
133+77	LT	3
134+23	LT	3
134+89	LT	2
134+99	RT	42
136+42	RT	13
136+43	LT	10
137+05	LT	5
137+75	LT	5
138+64	LT	5
139+45	LT	11
140+51	LT	11
141+28	LT	5
142+10	LT	5
142+85	LT	5
144+20	LT	6
144+32	LT	5
145+29	LT	5
146+47	LT	5
147+76	LT	5
148+61	LT	6
150+26	LT	6
151+27	LT	5
151+51	RT	7
152+09	RT	12
152+78	RT	10
153+78	RT	7
159+73	RT	11
160+69	RT	6
168+01	LT	20
169+35	LT	10
170+29	LT	7
172+20	RT	5
172+66	RT	5
172+73	LT	11
173+66	LT	10
173+92	RT	6
174+38	RT	5
175+25	RT	7
175+62	LT	12
176+08	RT	6
176+81	LT	6
176+90	RT	6
177+07	LT	5
177+82	RT	6
177+90	LT	13
178+39	RT	5
178+71	RT	13
179+23	LT	8
179+88	RT	6
180+98	RT	7
182+85	RT	7
183+70	RT	14
184+75	LT	105
184+91	RT	8
185+60	RT	9
186+59	LT	9
186+69	RT	9
188+36	LT	4
188+87	RT	20
189+98	RT	11
191+74	LT	34
192+02	RT	8
192+70	RT	5
193+96	LT	8
194+12	RT	8
194+98	RT	8
195+34	LT	5
196+12	RT	31
196+37	LT	9
196+85	RT	12
197+06	LT	7
198+23	RT	5
198+55	LT	7
199+48	LT	8
200+43	LT	9
202+09	LT	11
203+19	LT	5
203+43	RT	5
204+17	LT	5
204+53	LT	9
206+95	LT	9
207+58	RT	9
207+73	LT	7
208+65	RT	7
209+28	LT	6
209+40	RT	5
210+55	LT	11
211+27	RT	7
220+12	LT	6
221+84	LT	8
232+86	RT	5
242+85	LT	13
250+19	RT	7
258+19	LT	3
279+16	LT	8
282+15	LT	9
295+40	RT	2
303+53	RT	3
307+38	LT	5
BRADFORD US 5 SUBTOTAL		**1516**
NEWBURY US 5		
N 0+78	RT	2
N 6+23	LT	5
N 6+30	RT	11
N 8+88	RT	3
N 13+96	RT	8
N 15+64	LT	6
N 15+74	RT	18
N 16+19	LT	7
N 20+51	RT	3
N 21+94	RT	5
N 27+76	RT	3
N 28+99	LT	16
N 29+70	RT	3
N 30+51	LT	6
N 36+88	RT	6
N 38+69	RT	8
N 40+67	LT	8
N 40+67	RT	8
N 51+83	RT	5
N 66+39	LT	4
N 67+88	LT	3
N 75+15	LT	4
N 76+48	LT	7
N 78+44	LT	5
N 79+77	RT	8
N 87+54	LT	6
N 90+65	RT	10
N 92+53	LT	2
N 93+79	LT	10
N 95+08	LT	5
N 95+60	RT	21
N 97+94	RT	5
N 100+21	LT	5
N 101+04	LT	5
N 102+62	LT	2
N 103+66	LT	10
N 105+49	LT	7
N 107+06	LT	5
N 107+63	LT	2
N 108+38	LT	7
N 108+60	RT	8
N 109+06	LT	6
N 113+38	LT	17
N 113+87	LT	11
N 115+34	LT	10
N 122+98	RT	9
N 124+74	RT	10
N 128+12	LT	10
N 128+17	RT	5
N 128+57	RT	6
N 132+94	RT	9
N 136+72	LT	5
N 140+47	LT	2
N 141+09	LT	5
N 142+42	RT	7
N 142+89	LT	8
N 144+03	RT	4
N 144+81	LT	5
N 145+62	LT	5
N 151+20	RT	17
N 152+50	LT	6
N 152+59	RT	3
N 153+59	RT	8
N 153+69	LT	9
N 156+13	LT	8
N 159+53	LT	7
N 160+05	RT	10
N 160+99	LT	3
N 165+03	RT	37
N 166+58	LT	29
N 166+79	RT	8
N 168+52	RT	8
N 169+39	RT	8
N 170+18	LT	6
N 170+46	LT	6
N 170+78	LT	5
N 172+48	RT	9
N 174+41	RT	9
N 174+81	LT	15
N 175+02	RT	2
N 175+76	LT	27
N 175+96	RT	8
N 177+31	RT	5
N 177+73	LT	5
N 177+96	RT	8
N 178+33	LT	8
N 178+48	RT	11
N 179+16	LT	6
N 179+21	RT	8
N 180+49	RT	13
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N 200+78	RT	5
N 201+73	LT	5
N 201+95	RT	6
N 202+64	RT	5
N 203+67	RT	5
N 204+49	RT	5
N 205+52	RT	5
N 211+34	RT	7
N 212+22	LT	7
N 212+77	LT	5
N 213+38	RT	8
N 214+94	RT	7
N 215+88	LT	14
N 216+19	RT	5
N 218+26	LT	14
N 218+45	RT	16
N 228+39	RT	5
N 231+83	LT	9
N 234+39	LT	18
N 235+57	LT	5
N 235+57	RT	5
N 236+89	RT	5
N 237+93	RT	2
N 239+65	LT	6
N 239+75	RT	2
N 240+35	RT	2
N 242+80	RT	5
N 253+48	RT	5
N 254+79	LT	20
N 255+04	RT	6
N 256+45	RT	6
N 257+11	LT	11
N 261+47	LT	6
N 262+04	RT	5
N 262+77	RT	5
N 265+11	RT	6
N 265+30	LT	11
N 265+69	RT	6
N 266+97	RT	5
N 268+26	RT	11
N 274+17	LT	3
N 282+13	LT	2
N 282+43	LT	3
N 303+68	LT	11
N 321+24	LT	16
N 344+12	LT	22

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
HANDWORK DETAIL SHEET I

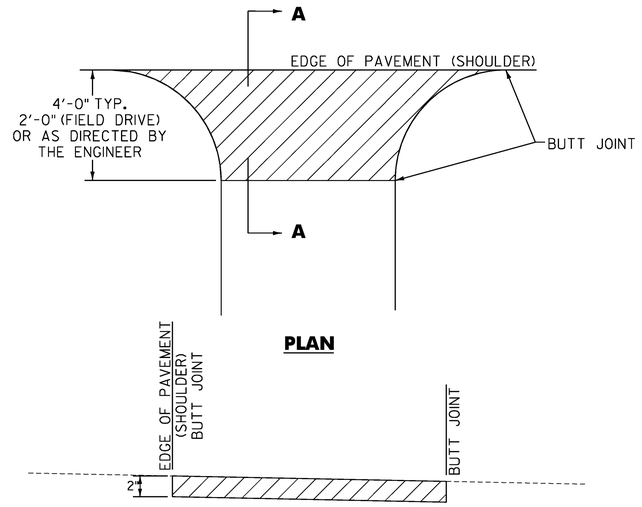
PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 50 OF 239

CLD 14-0278

LOCATION OF DRIVES

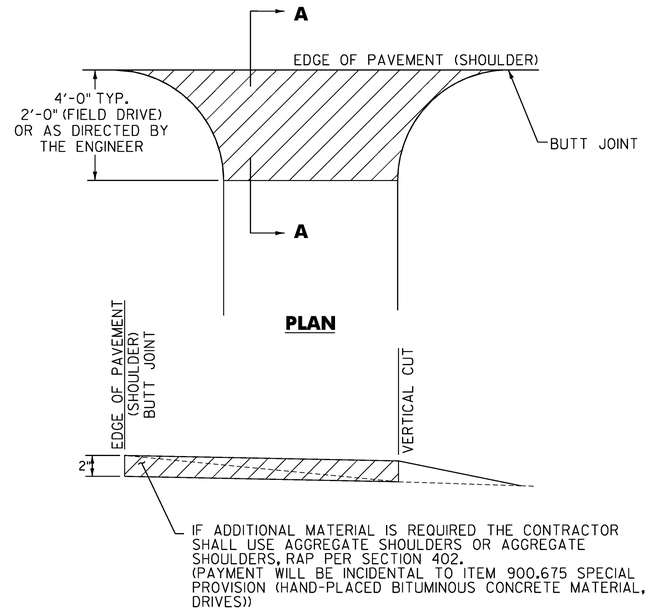
STATION	POSTION	QUANTITY (SY)
N 355+67	LT	19
N 370+43	RT	3
N 385+22	LT	7
N 387+84	LT	3
N 388+22	RT	2
N 404+64	LT	15
N 417+57	RT	2
N 422+41	RT	2
N 422+89	LT	12
N 426+85	LT	5
N 426+96	RT	2
N 428+86	LT	11
N 449+95	LT	8
N 459+40	LT	5
N 468+58	LT	7
N 475+13	LT	17
N 475+81	LT	13
N 477+89	LT	13
N 478+63	LT	9
N 479+47	LT	7
N 480+56	LT	9
N 484+46	LT	10
N 485+25	RT	15
N 485+49	LT	14
N 485+97	RT	31
N 486+36	LT	7
N 486+62	RT	6
N 487+14	LT	52
N 488+06	RT	32
N 488+70	RT	7
N 488+81	LT	10
N 490+34	RT	54
N 490+60	LT	5
N 491+76	LT	5
N 497+93	RT	10
N 498+67	RT	11
N 499+47	LT	10
N 501+14	LT	33
N 506+35	LT	13
N 508+22	LT	17
N 508+78	RT	5
N 515+63	LT	9
NEWBURY US 5 SUBTOTAL		**1825**
RYEGATE US 5		
R 9+29	LT	12
R 17+73	RT	10
R 20+42	LT	14
R 20+53	RT	132
R 25+41	RT	9
R 32+28	RT	2
R 39+83	RT	5
R 41+53	RT	6
R 43+32	RT	7
R 44+78	RT	6
R 47+10	RT	6
R 58+06	RT	10
RYEGATE US 5 SUBTOTAL		**219**

STATION	POSTION	QUANTITY (SY)
NSH		
5+03	RT	21
7+94	RT	5
8+23	LT	3
11+64	RT	3
11+88	LT	4
17+46	RT	5
17+49	LT	6
20+27	LT	36
NSH SUBTOTAL		**83**
US 302		
M 245+84	RT	13
M 247+09	RT	35
M 251+46	RT	48
M 252+37	LT	69
M 254+14	LT	77
M 255+29	RT	15
M 256+43	LT	27
US 302 SUBTOTAL		**284**
PULLOFFS		
US 5		
115+95	LT	41
214+22	RT	145
262+60	RT	76
N 62+19	RT	188
N 295+80	RT	59
N 315+36	RT	100
N 352+91	LT	44
N 435+85	RT	40
N 472+78	LT	36
PULLOFF SUBTOTAL		**729**
BRADFORD US 5 SUBTOTAL		**1516**
NEWBURY US 5 SUBTOTAL		**1825**
RYEGATE US 5 SUBTOTAL		**219**
NSH SUBTOTAL		**83**
US 302 SUBTOTAL		**284**
PULLOFF SUBTOTAL		**729**
PROJECT SUBTOTAL		**4656**
ROUNDING		**44**
PROJECT TOTAL		**4700**



SECTION A – A

HANDWORK DETAILS FOR PAVED DRIVES



SECTION A – A

HANDWORK DETAILS FOR GRAVEL DRIVES

NOTES

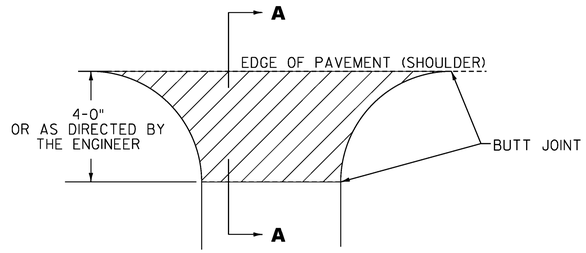
1. PAVING LIFT NOT TO EXCEED TWO INCHES.

2. THE COST OF PLACING SUBBASE MATERIAL, CLEANING EXISTING PAVED SURFACES, INCLUDING POWER EQUIPMENT, AND FOR FILLING JOINTS, CRACKS AND HOLES AT LEAST 24 HOURS BEFORE PAVING, WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.675, SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).

3. EXCAVATION NEEDED TO ACHIEVE PROPER DRIVE AND PULLOFF SLOPES WILL NOT BE PAID DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.675, SPECIAL PROVISION (HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES).

LEGEND

ITEM 900.675 - SPECIAL PROVISION
(HAND-PLACED BITUMINOUS CONCRETE MATERIAL, DRIVES)



SECTION A – A

HANDWORK DETAILS FOR PULLOFFS

NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
HANDWORK DETAIL SHEET 2	SHEET 51 OF 239

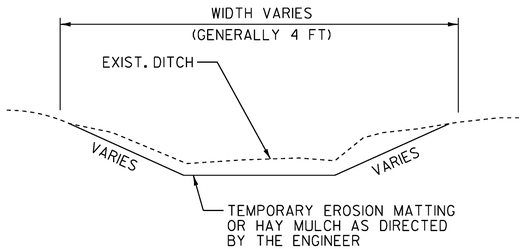
CLD 14-0278

LOCATION				FEET OF DITCHING PERCENT GRADE		613.10 STONE FILL. TYP. I	651.15 SEED	653.20 TEMP EROS. MATT.	REMARKS
SITE	STA	STA	POS	0-2.5	2.5-10	(CY)	(LBS)	(SY)	
BRADFORD US ROUTE 5									
1	136+49	136+99	LT		50	13			REMOVE EXIST.
									PAVED GUTTER
NEWBURY US ROUTE 5									
2	N 57+50	N 66+25	LT	875			12	389	
3	N 123+75	N 128+00	LT	425			6	189	
4	N 124+90	N 128+10	RT	320			4	142	
5	N 128+25	N 130+50	LT	225			3	100	
6	N 146+20	N 149+95	LT	375			5	167	
7	N 152+55	N 153+55	LT	100			1	44	
8	N 191+30	N 191+35	RT		5	1			
9	N 196+82	N 197+73	RT	91			1	40	REMOVE EXIST.
									PAVED GUTTER
10	N 231+00	N 233+75	RT		275	41			
11	N 273+27	N 274+05	LT		78	12			
12	N 274+25	N 282+00	LT	775			11	344	
13	N 282+50	N 303+50	LT	2100			29	933	
14	N 315+50	N 316+50	LT	100			1	44	
15	N 325+00	N 331+25	LT	625			9	278	
16	N 509+37	N 510+25	RT		88	13			
17	N 509+48	N 511+04	LT		156	23			
18	N 512+75	N 515+30	LT		255	38			

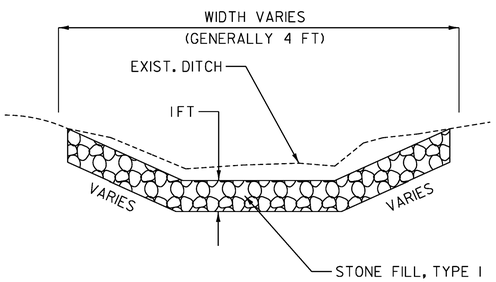
LOCATION				FEET OF DITCHING PERCENT GRADE		613.10 STONE FILL. TYP. I	651.15 SEED	653.20 TEMP EROS. MATT.	REMARKS
SITE	STA	STA	POS	0-2.5	2.5-10	(CY)	(LBS)	(SY)	
RYEGATE US ROUTE 5									
19	R 8+40	R 12+00	RT	360			5	160	
20	R 9+50	R 12+24	LT	274			4	122	
21	R 20+65	R 32+72	LT	1207			17	536	
22	R 38+20	R 40+90	LT	270			4	120	
23	R 46+50	R 48+00	LT	150			2	67	
24	R 51+00	R 60+50	LT	950			13	422	
US ROUTE 5 SUBTOTAL						**141**	**127**	**4097**	

LOCATION				FEET OF DITCHING PERCENT GRADE		613.10 STONE FILL. TYP. I	651.15 SEED	653.20 TEMP EROS. MATT.	REMARKS
SITE	STA	STA	POS	0-2.5	2.5-10	(CY)	(LBS)	(SY)	
NEWBURY STATE HIGHWAY									
25	10+40	10+90	LT	50			1	22	
26	10+40	10+90	RT	50			1	22	
27	10+95	11+45	LT	50			1	22	
28	11+00	11+50	RT	50			1	22	
NEWBURY STATE HIGHWAY SUBTOTAL							**4**	**88**	

PROJECT SUBTOTAL						**141**	**131**	**4185**	SEE ITEM DETAIL SHEET FOR STONE FILL, TYPE I AND TEMP. EROSION MATTING. ROUNDING AND PROJECT TOTAL



DITCH DETAIL < 2.5 PERCENT GRADE



DITCH DETAIL ≥ 2.5 PERCENT GRADE

VAOT LOW GROW /FINE FESCUE MIX SEEDING FORMULA

% WT.	BROADCAST LBS./A.	HYDROSEED LBS./A.	NAME	PUR %	GERM %
38	57	95	CREEPING RED FESCUE	98	90
29	43.5	72.5	HARD FESCUE	95	85
15	22.5	37.5	CHEWINGS FESCUE	95	87
15	22.5	37.5	ANNUAL RYEGRASS	95	90
3	4.5	7.5	INERTS	--	--
100.0	150 LB/A	250 LB/A			

SEEDING NOTES

SEED MIXTURE: SHALL NOT HAVE A WEED CONTENT EXCEEDING 0.40% BY WEIGHT AND SHALL BE FREE OF ALL NOXIOUS SEED.

SEED: TO BE APPLIED PER SEEDING FORMULAS OR AS DIRECTED BY THE ENGINEER.

FERTILIZER: FORMULA 10-20-10, TO BE USED WITH SEED, APPLIED AT THE RATE OF 500 LBS./ACRE. (HYDROSEEDERS MAY USE 19-19-19 FORMULA).

AGRICULTURAL LIMESTONE: TO BE APPLIED AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

HAY MULCH: TO BE PLACED ON THE EARTH SLOPES AT THE RATE OF 2 TONS/ACRE, OR AS DIRECTED BY THE ENGINEER.

TOPSOIL: TO BE USED WITH SEED AS INDICATED ON THE PLANS, OR AS DIRECTED BY THE ENGINEER.

DITCHING NOTES

1. CLEANING AT PIPE INLET AND OUTLET AREAS, AND DITCH CLEANING THROUGHOUT THE PROJECT, SHALL BE PERFORMED AT LOCATIONS IDENTIFIED ON THIS SHEET AND AS DIRECTED BY THE ENGINEER. PAYMENT WILL BE UNDER THE APPLICABLE EQUIPMENT RENTAL ITEM(S).

2. GRADES LESS THAN 2.5 PERCENT SHALL USE ITEM 651.25 HAY MULCH OR ITEM 653.20 TEMPORARY EROSION MATTING AS DIRECTED BY THE ENGINEER.

   GRADES EQUAL TO 2.5 PERCENT TO 10 PERCENT SHALL USE ITEM 613.10 STONE FILL, TYPE I AS DIRECTED BY THE ENGINEER.

NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264frm.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
DITCH CLEANING DETAIL SHEET

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 52 OF 239

CLD 14-0278

NEWBURY STATE HIGHWAY/WASHINGTON COUNTY RAILROAD
CONNECTICUT RIVER DIVISION
BRADFORD SUBDIVISION
RR MP 6.56
RR SPEED PASSENGER 30 MPH VRS TIMETABLE V
RR SPEED FREIGHT 25 MPH VRS TIMETABLE
ROADWAY SPEED 40 MPH

AADT		DHV		ESALS	
2015	2025	2015	2025	2015-2025	2015-2035
1900	2000	230	240	677,000	1,462,000

GRADE CROSSING NOTES

1. ALL NEW WELDED RAIL JOINTS WITHIN THE CROSSING AREA AND BETWEEN THE INSULATED JOINTS WILL BE CROPPED AND WELDED IN ACCORDANCE WITH THE LATEST REVISION OF A.R.E.M.A. SPECIFICATIONS AT AN OFF-SITE ELECTRIC WELDING PLANT. WELDING CAN BE DONE IN FIELD UTILIZING THERMITE WELDING WITH ADVANCE APPROVAL FROM THE AGENCY. WELDED JOINTS SHALL BE GROUND TO CONFORM TO THE SHAPE OF THE RAIL ON GAUGE AND FIELD SIDES. ALL FIELD WELDS SHALL BE ULTRASONICALLY TESTED AND A COPY OF THE RESULTS GIVEN TO THE ENGINEER AND RAILROAD. FIELD WELDS WILL NOT BE CONSIDERED ACCEPTED UNTIL SUCH TIME THAT THE ULTRASONIC TEST RESULTS ARE APPROVED BY THE RAILROAD. WELDING, GRINDING, AND ULTRASONIC TESTING OF RAIL JOINTS WILL BE CONSIDERED INCIDENTAL TO ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING) (AARDOT 053-598A).

2. TIE SPACING UNDER THE WELDED RAIL AREA SHALL BE 18 INCHES ON CENTER (AS REQUIRED BY PRECAST CONCRETE PANELS MANUFACTURER).

3. NEW 7"X9"X10'-0" AND 7"X9"X8'-6" TIES WILL BE USED IN THE LIMITS OF THE FULL DEPTH CONSTRUCTION OF THE CROSSING AREA, AS SHOWN. PAYMENT FOR TIES WITHIN THE LIMITS OF THE FULL DEPTH CONSTRUCTION OF THE CROSSING AREA WILL BE MADE UNDER ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING) (AARDOT 053-598A). TIES IN APPROACH AREAS WILL BE REPLACED AS RECOMMENDED BY THE RAILROAD AND APPROVED BY THE ENGINEER. PAYMENT FOR REPLACEMENT OF TIES IN THE APPROACH AREA WILL BE MADE UNDER ITEM 900.620 SPECIAL PROVISION (REMOVAL AND REPLACEMENT OF CROSS TIES).

4. TIE PLATES SHALL BE NEW 14 INCH PLATES, MANUFACTURED FOR THE RAIL SIZE USED. PLATES SHALL BE INSPECTED AND APPROVED BY THE RAILROAD AND THE ENGINEER. RAIL FASTENERS SHALL BE CUT TRACK SPIKES. PAYMENT FOR NEW TIE PLATES WITHIN THE LIMITS OF FULL DEPTH RAILROAD CONSTRUCTION WILL BE CONSIDERED INCIDENTAL TO ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING) (AARDOT 053-598A). PAYMENT FOR NEW TIE PLATES REQUIRED IN THE CROSSING APPROACHES WILL BE CONSIDERED INCIDENTAL TO ITEM 900.620 SPECIAL PROVISION (REMOVAL AND REPLACEMENT OF CROSS TIES).

5. BALLAST SHALL EXTEND 12 INCHES BEYOND END OF TIES AND SLOPE 1:2 TO THE ROADBED. (SEE GRADE CROSSING DETAILS)

6. TYPE AND DESIGN OF PRECAST CONCRETE PANELS SHALL RECEIVE APPROVAL FROM THE ENGINEER.

7. INSTALLATION OF INSULATED JOINTS: THE MAXIMUM STAGGER BETWEEN INSULATED RAIL JOINTS SHALL BE 4'-6", MINIMUM SHALL BE 3'-6".

8. BITUMINOUS CONCRETE PAVEMENT SHALL FOLLOW LATEST EDITION OF THE AGENCY'S STANDARD SPECIFICATIONS FOR CONSTRUCTION AND SHALL BE PLACED PARALLEL TO CROSSING TO MINIMIZE APPROACH SETTLEMENT, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

9. CONTRACTOR SHALL LINE, TAMP, AND SURFACE TRACK WITHIN LIMITS OF FULL DEPTH CONSTRUCTION TO THE NEW TRACK ALIGNMENT AND PROFILE TO THE SATISFACTION OF THE ENGINEER AND RAILROAD. THE WORK OF LINE, TAMP, AND SURFACE TRACK WITHIN THE LIMITS OF FULL DEPTH CONSTRUCTION WILL BE INCLUDED IN ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING) (AARDOT 053-598A).

10. THE CONTRACTOR SHALL INSTALL THE PRECAST CONCRETE PANELS IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. ANY DAMAGE TO THE PRECAST CONCRETE PANELS RESULTING FROM THE CONTRACTOR'S INSTALLATION METHODS SHALL BE REPLACED AT THE CONTRACTOR'S OWN EXPENSE AS DIRECTED BY THE ENGINEER. PAYMENT FOR FURNISHING AND INSTALLING THE PRECAST CONCRETE PANELS AND ATTACHMENT HARDWARE WILL BE INCLUDED UNDER PAY ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING) (AARDOT 053-598A).

11. THE COST OF PAVING TWO LIFTS, OF THREE INCHES EACH TYPE IIS BASE COURSE, WITHIN THE RAIL-HIGHWAY CROSSING LIMITS, SHALL NOT BE PAID SEPARATELY, BUT WILL BE CONSIDERED INCIDENTAL TO ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING) (AARDOT 053-598A). THE COST OF PAVING THE TYPE IVS WEARING COURSE, WITHIN THE RAIL-HIGHWAY CROSSING LIMITS, WILL BE PAID UNDER ITEM 490.30 SUPERPAVE BITUMINOUS CONCRETE PAVEMENT.

12. THE CONTRACTOR SHALL TAPER THE NEWBURY CROSSING ROAD PAVEMENT AT A RATE OF ONE INCH IN 50 FEET MINIMUM TO THE HEIGHT OF THE EXISTING RAIL HIGHWAY CROSSING OR AS DIRECTED BY THE ENGINEER.

13. FOUR INCH GALVANIZED STEEL SIGNAL CONDUITS (HEAVY WALL) ARE TO BE INSTALLED WITH SECURED END CAPS IN LOCATIONS DIRECTED BY THE ENGINEER. PAYMENT FOR THIS ITEM TO BE INCIDENTAL TO ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING) (AARDOT 053-598A).

14. THE CONTRACTOR SHALL PROVIDE, LOCATE AND MAINTAIN TWO PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) AT LOCATIONS, AS DIRECTED BY THE ENGINEER. THE MESSAGE BOARDS SHALL ADVISE THE TRAVELING PUBLIC "RAILROAD CROSSING CONSTRUCTION ON NEWBURY CROSSING ROAD WITH 48 HOUR ROAD CLOSURE ON SATURDAY (DATE) AND SUNDAY (DATE), SEEK ALTERNATIVE ROUTES." THE PAYMENT FOR THE TWO PCMS WILL BE INCLUDED IN ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING) (AARDOT 053-598A).

15. THE PAYMENT FOR PROVIDING TRAFFIC CONTROL, DURING THE CONSTRUCTION OF THIS PAVED RAIL-HIGHWAY GRADE CROSSING WILL BE MADE UNDER ITEM 900.645 SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING) (AARDOT 053-598A).

16. THE CONTRACTOR SHALL PROVIDE SURVEY AND SURVEY LAYOUT NECESSARY TO CONSTRUCT THE TRACK ALIGNMENT AND PROFILE AS SHOWN ON THE PLANS. THE COST OF SURVEY WILL BE INCLUDED IN THE ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING) (AARDOT 053-598A). SEE TIE SHEETS FOR PROJECT SURVEY CONTROL.

17. IN THE RAIL-HIGHWAY CROSSING LIMITS THE CONTRACTOR SHALL REMOVE THE TRACK; RAIL, TIES, OTHER TRACK MATERIAL (OTM) NECESSARY TO EXCAVATE AND CONSTRUCT THE TRANSITION TO EXISTING BALLAST DEPTH, AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL PREPARE THE SUBGRADE, INSTALL THE GEOTEXTILE FABRIC, FURNISH, DELIVER DISTRIBUTE AND COMPACT THE BALLAST, RECONSTRUCT THE TRACK THAT WAS REMOVED, AND LINE, TAMP, AND SURFACE THE TRACK IN THE RAIL-HIGHWAY CROSSING LIMITS TO OBTAIN A SMOOTH ALIGNMENT AND SURFACE IN ACCORDANCE WITH THE PLANS. THE WORK OF TRACK REMOVAL, TRACK RECONSTRUCTION, LINE, TAMP AND SURFACE TRACK IN THE RAIL-HIGHWAY CROSSING LIMITS WILL BE CONSIDERED INCIDENTAL TO ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING) (AARDOT 053-598A). PAYMENT FOR EXCAVATION IN THE RAIL-HIGHWAY CROSSING LIMITS WILL BE MADE UNDER ITEM 203.15 COMMON EXCAVATION. PAYMENT FOR FURNISHING, TRANSPORTING, HANDLING, TESTING, DELIVERING AND DISTRIBUTING THE BALLAST IN THE RAIL-HIGHWAY CROSSING LIMITS WILL BE MADE UNDER ITEM 900.680 SPECIAL PROVISION (RAILROAD BALLAST).

18. THE EXISTING JOINTED TRACK IN THE NORTH AND SOUTH APPROACHES TO THE RAIL-HIGHWAY CROSSING IS TO BE SURFACED AND ALIGNED IN ACCORDANCE WITH THE PLANS. TIES IN THE APPROACHES IDENTIFIED IN DEFECTIVE CONDITION BY THE RAILROAD AND ENGINEER ARE TO BE REMOVED AND REPLACED. ANY EXISTING RAIL BONDS DAMAGED AS THE RESULT OF CONTRACTOR'S OPERATION ARE TO BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE STATE, AND THEIR REPLACEMENT WILL BE CONSIDERED INCIDENTAL TO THE ITEM OF WORK UNDER WHICH THEY WERE DAMAGED. PAYMENT FOR THE REMOVAL AND REPLACEMENT OF CROSS TIES WILL BE MADE UNDER ITEM 900.620 SPECIAL PROVISION (REMOVAL AND REPLACEMENT OF CROSS TIES). BALLAST REQUIRED FOR REMOVAL AND REPLACEMENT OF CROSS TIES WILL BE PAID FOR UNDER ITEM 900.680 SPECIAL PROVISION (RAILROAD BALLAST). NEW JOINTED RAIL IN THE APPROACHES WILL BE PAID UNDER ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING) (AARDOT 053-598A). SURFACING AND ALIGNING OF THE TRACK APPROACHES WILL BE CONSIDERED INCIDENTAL TO ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING) (AARDOT 053-598A).

19. TEMPORARY PAVEMENT FILLETS SHALL BE USED TO PROVIDE FOR DIFFERENCES IN VERTICAL HEIGHT AT SAW CUTS AND AT THE EDGE OF PRECAST CONCRETE PANELS BETWEEN PLACEMENT OF THE BASE COURSE AND THE FINAL WEARING COURSE. INSTALLATION AND REMOVAL OF TEMPORARY PAVEMENT FILLETS WILL BE CONSIDERED INCIDENTAL TO ITEM 900.645 SPECIAL PROVISION (RECONSTRUCT RAIL-HIGHWAY CROSSING) (AARDOT 053-598A).

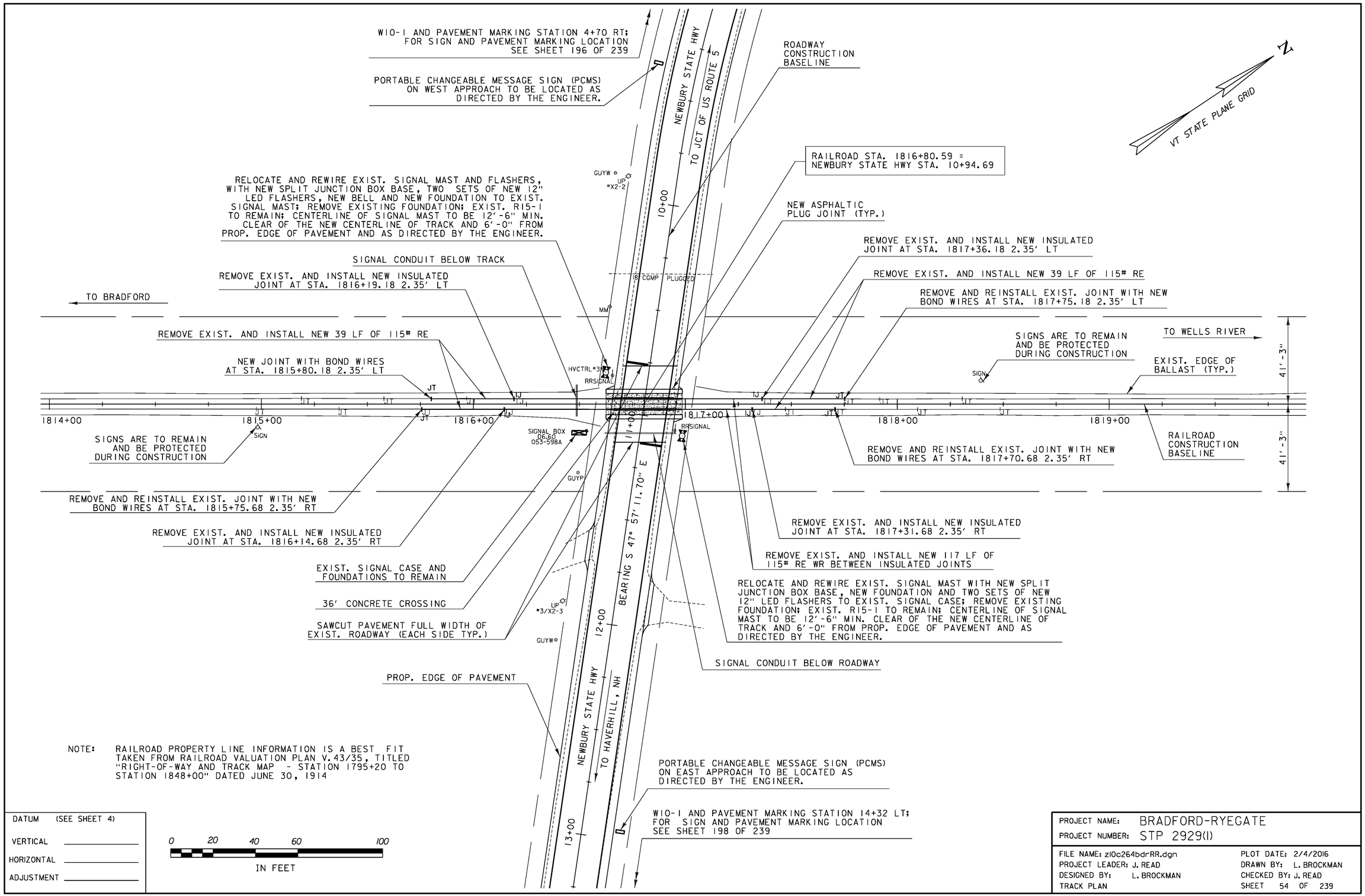
20. THE CONTRACTOR SHALL INSTALL NEW SIGNAL MAST FOUNDATIONS AND RELOCATE THE EXISTING SIGNAL MASTS AS SHOWN ON THE PLANS. THE COST OF THIS WORK WILL BE INCLUDED IN ITEM 900.645 SPECIAL PROVISION (RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM) (AARDOT 053-598A).

21. THE CONTRACTOR SHALL DESIGN AND RECONSTRUCT THE EXISTING "STYLE C" RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM TO PROVIDE THE SAME WARNING TIME AS THE CURRENT ACTIVE WARNING SYSTEM. THE RECONSTRUCTED RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM WILL USE THE EXISTING NORTH AND SOUTH TRACK APPROACH CIRCUITS FROM THE APPROACH INSULATED JOINTS TO THE NEW ISLAND INSULATED JOINTS, TO INCLUDE EXISTING APPROACH JOINT BOND WIRES AND FOUR NEW DOUBLE BOND WIRES ON FOUR NEW TRACK JOINTS; THE EXISTING SOUTHWEST SIGNAL MAST, NEW ROUNDLES AND FLASHERS; THE EXISTING NORTHEAST SIGNAL MAST, NEW ROUNDLES AND FLASHERS; NEW SIGNAL MAST FOUNDATIONS; NEW ISLAND INSULATED JOINTS; AND THE EXISTING UNDERGROUND ELECTRIC SERVICE AND METER. THE RECONSTRUCTED RAIL-HIGHWAY ACTIVE WARNING SYSTEM WILL RETAIN THE EXISTING SIGNAL CASE WITH NEW BATTERIES; NEW BATTERY CHARGER; NEW AC/DC TRACK DRIVER; A NEW SIGNAL MAINTAINER'S TEST SWITCH; NEW TRACK WIRES TO THE APPROACH AND ISLAND CIRCUITS; NEW WIRING OF THE EXISTING SIGNAL MASTS, FLASHERS AND NEW BELL. THE RECONSTRUCTED ACTIVE WARNING SYSTEM WILL BE PAID UNDER ITEM 900.645 SPECIAL PROVISION (RAIL-HIGHWAY CROSSING ACTIVE WARNING SYSTEM) (AARDOT 053-598A). PAYMENT FOR THE REMOVAL AND INSTALLATION OF THE NEW ISLAND INSULATED JOINTS WILL BE MADE UNDER ITEM 900.645 (RECONSTRUCT RAIL-HIGHWAY CROSSING) (AARDOT 053-598A).

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264notesRR.dgn
PROJECT LEADER: J. READ
DESIGNED BY: L. BROCKMAN
GRADE CROSSING NOTES

PLOT DATE: 2/29/2016
DRAWN BY: L. BROCKMAN
CHECKED BY: J. READ
SHEET 53 OF 239



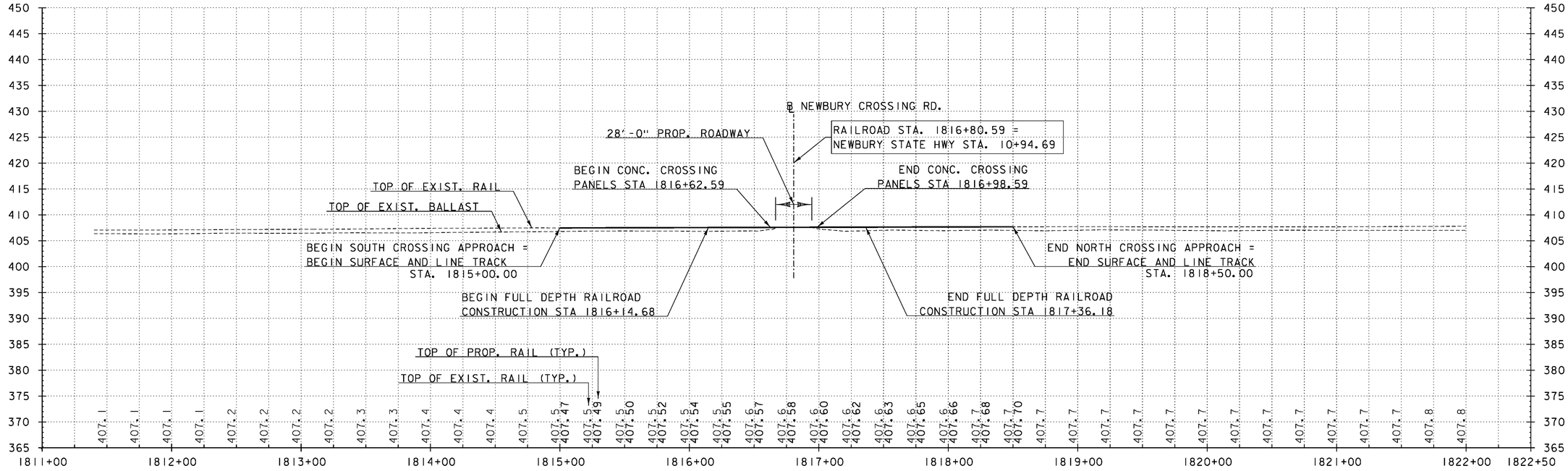
NOTE: RAILROAD PROPERTY LINE INFORMATION IS A BEST FIT TAKEN FROM RAILROAD VALUATION PLAN V.43/35, TITLED "RIGHT-OF-WAY AND TRACK MAP - STATION 1795+20 TO STATION 1848+00" DATED JUNE 30, 1914

DATUM (SEE SHEET 4)	
VERTICAL	
HORIZONTAL	
ADJUSTMENT	

0 20 40 60 100
IN FEET

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)

FILE NAME: z10c264bdrRR.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: J. READ	DRAWN BY: L. BROCKMAN
DESIGNED BY: L. BROCKMAN	CHECKED BY: J. READ
TRACK PLAN	SHEET 54 OF 239

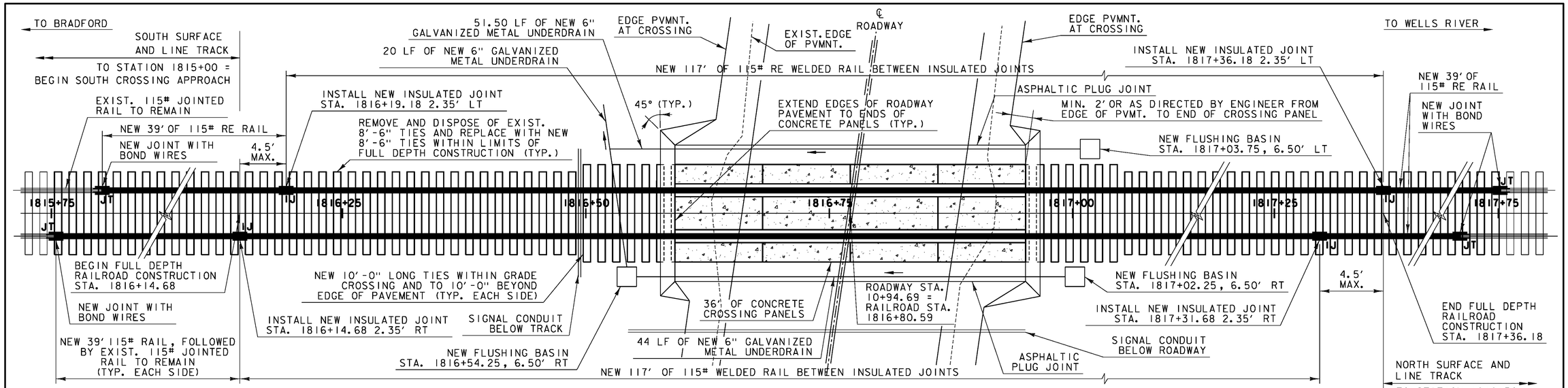


RAILROAD MAINLINE TOP OF RAIL PROFILE

NOTES:

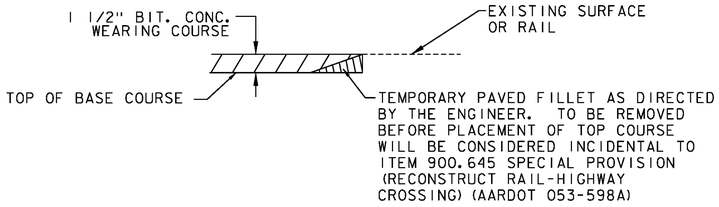
1. STATIONS AND ELEVATIONS ARE IN FEET (TYP.).
2. THE GRADES SHOWN TO THE NEAREST TENTH ARE THE EXISTING TOP OF LOW RAIL (TYP.).
3. THE GRADES SHOWN TO THE NEAREST HUNDRETH ARE THE PROPOSED TOP OF LOW RAIL (TYP.).

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264xsRR.dgn	PLOT DATE: 2/29/2016
PROJECT LEADER: J. READ	DRAWN BY: L. BROCKMAN
DESIGNED BY: L. BROCKMAN	CHECKED BY: J. READ
TRACK PROFILE	SHEET 55 OF 239



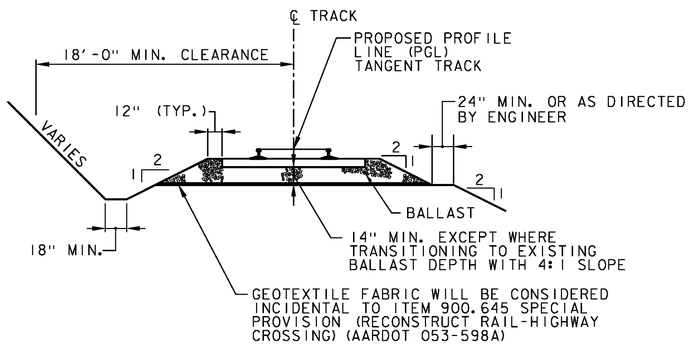
RAILROAD WELDED RAIL (WR), TIES, AND INSULATED JOINTS PLAN

NTS



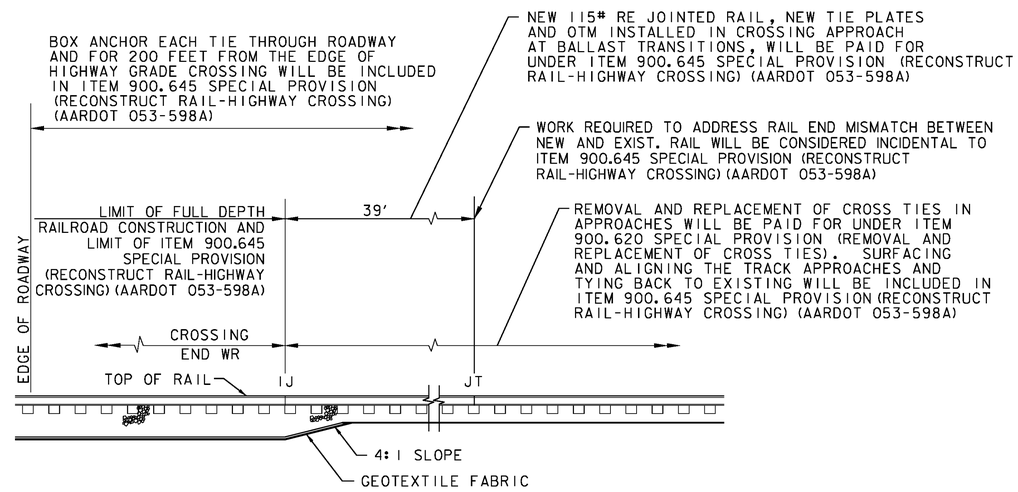
DETAIL AT TEMPORARY VERTICAL JOINTS

NTS



TYPICAL APPROACH SECTION

NTS

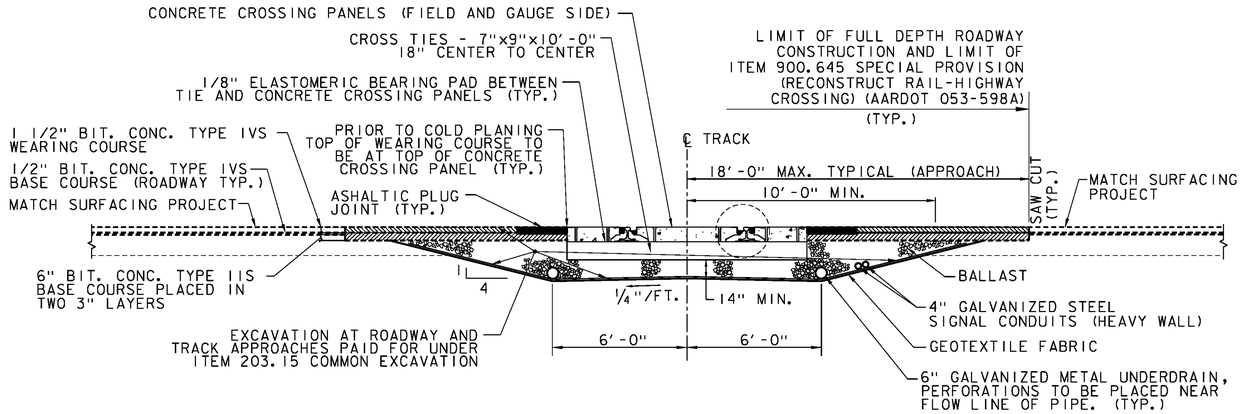


TYPICAL BALLAST TRANSITION

NTS

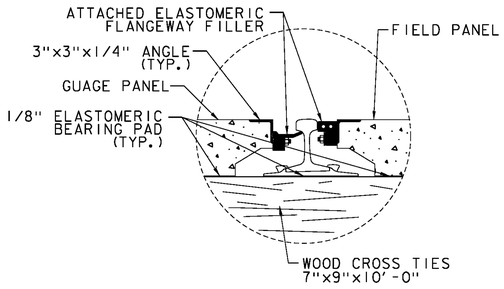
NTS = NOT TO SCALE

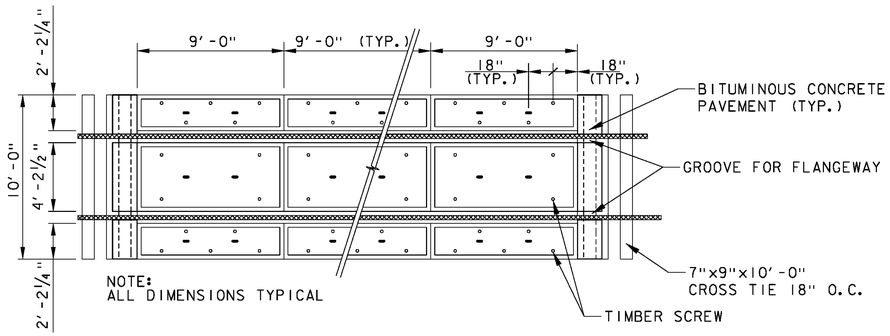
PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264detailsRR.dgn	PLOT DATE: 2/29/2016
PROJECT LEADER: J. READ	DRAWN BY: L. BROCKMAN
DESIGNED BY: L. BROCKMAN	CHECKED BY: J. READ
GRADE CROSSING DETAILS 1 OF 3	SHEET 56 OF 239



TYPICAL TRANSVERSE SECTION

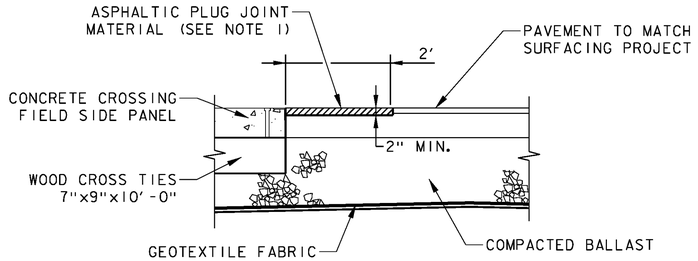
NTS





TYPICAL VIEW OF CROSSING PANELS

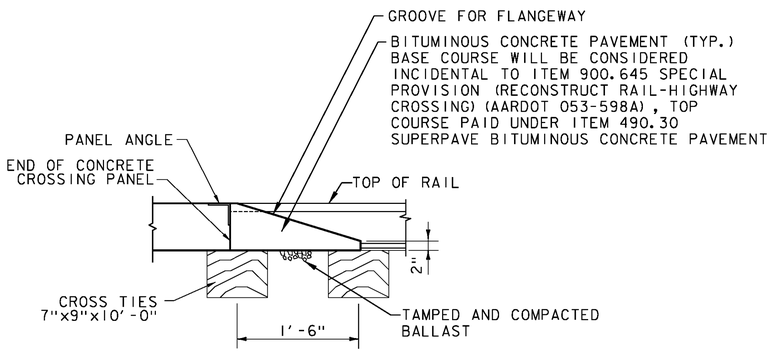
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ASPHALT TRANSITION FOR CONCRETE GRADE CROSSING PANELS

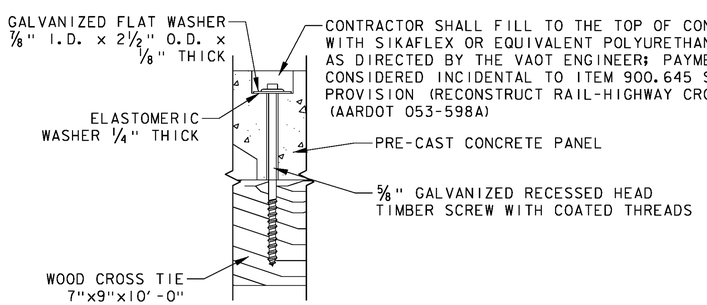
NTS

NOTE:
1. CONTRACTOR SHALL COLD PLANE A MINIMUM OF 2" DEEP x 24" WIDE ADJACENT TO THE CONCRETE GRADE CROSSING PANELS AND FILL WITH ASPHALTIC PLUG JOINT MATERIAL AS DIRECTED BY THE VAOT ENGINEER. ALL WORK ASSOCIATED WITH THIS WORK WILL BE PAID UNDER ITEM 900.645 (RECONSTRUCT RAIL-HIGHWAY CROSSING) (AARDOT 053-598A).



CONCRETE CROSSING PANEL END SIDE VIEW

NTS
NOTE: GAUGE SIDE SHOWN (FIELD SIDE SIMILAR)

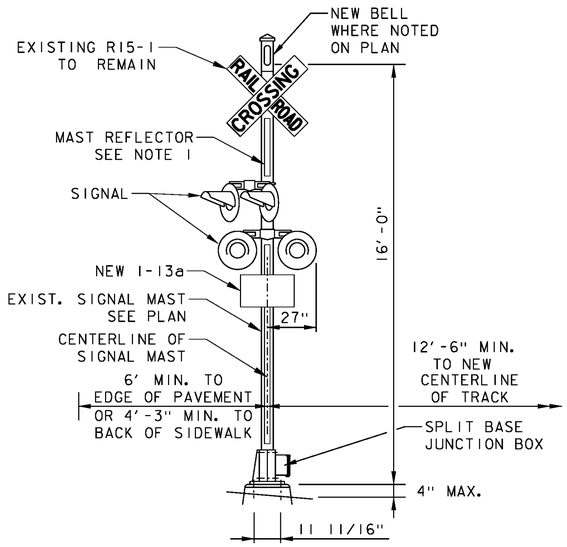


CONCRETE CROSSING PANEL TIMBER SCREW DETAIL

NTS

NTS = NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264detailsRR.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: J. READ	DRAWN BY: L. BROCKMAN
DESIGNED BY: L. BROCKMAN	CHECKED BY: J. READ
GRADE CROSSING DETAILS 2 OF 3	SHEET 57 OF 239



TYPICAL RAILROAD SIGNAL DETAIL

NTS

RAILROAD SIGNAL MAST NOTES:

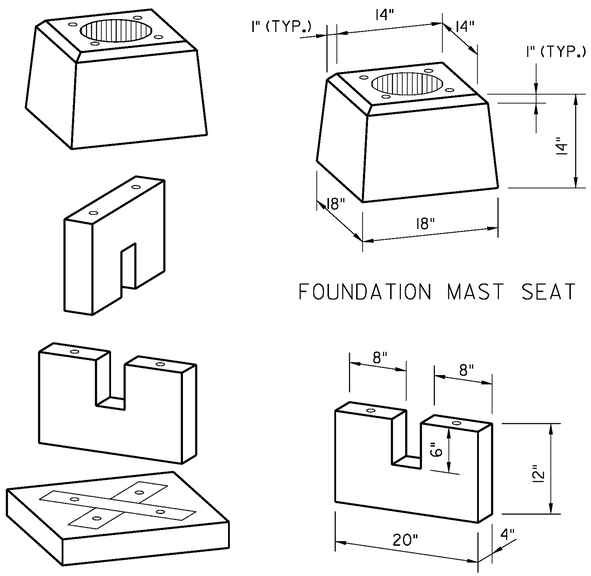
1. A STRIP OF ASTM TYPE III OR TYPE V RETROREFLECTIVE WHITE MATERIAL NOT LESS THAN TWO INCHES IN WIDTH, SHALL BE USED ON EACH SUPPORT AT HIGHWAY-RAIL GRADE CROSSING FOR THE FULL LENGTH OF THE FRONT AND BACK OF THE SUPPORT FROM THE CROSSBUCK SIGN OR NUMBER OF TRACKS SIGN TO NEAR GROUND LEVEL.

2. FLASHING LIGHT SIGNAL EQUIPMENT, NEW 12" LED FLASHING LIGHT UNITS, AND NEW BELL MOUNTED ON THE EXIST. SOUTHWEST CROSSING SIGNAL MAST SHALL BE REWIRED. A NEW SPLIT BASE JUNCTION BOX SHALL BE INSTALLED AT THE BASE OF THE EXIST. SIGNAL MAST.

3. FLASHING LIGHT SIGNAL EQUIPMENT, NEW 12" LED FLASHING LIGHT UNITS AND NEW SPLIT BASE JUNCTION BOX SHALL BE INSTALLED ON THE EXIST. NORTHEAST CROSSING SIGNAL MAST.

4. EXISTING SIGNAL MASTS SHALL BE REMOVED, SALVAGED AND RELOCATED ON NEW MAST FOUNDATIONS. NEW MAST FOUNDATIONS SHALL BE PLACED AS DIMENSIONED TO THE EDGE OF PAVEMENT AND NEW CENTERLINE OF TRACK. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE EXISTING MAST FOUNDATIONS. THE CONTRACTOR SHALL RETAIN THE EXISTING 12 AND 8 INCH FLASHING LIGHT UNITS AND ARMS FOR VERMONT RAILWAY SYSTEM.

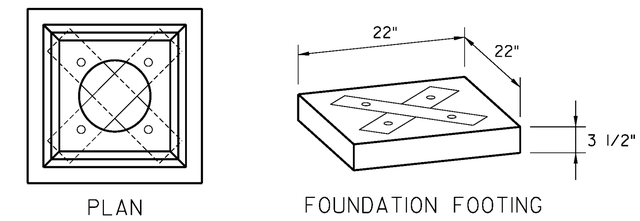
SIGNAL MAST ITEMS	SOUTHWEST	NORTHEAST
NEW FOUNDATION	YES	YES
NEW SPLIT BASE JUNCTION BOX	YES	YES
NEW 12" LED FLASHING LIGHTS	YES	YES
NEW WIRING	YES	YES
NEW I-13a SIGN	YES	YES
REFLECTIVE STRIPS	YES	YES
NEW BELL	YES	NO



ISOMETRIC

FOUNDATION MAST SEAT

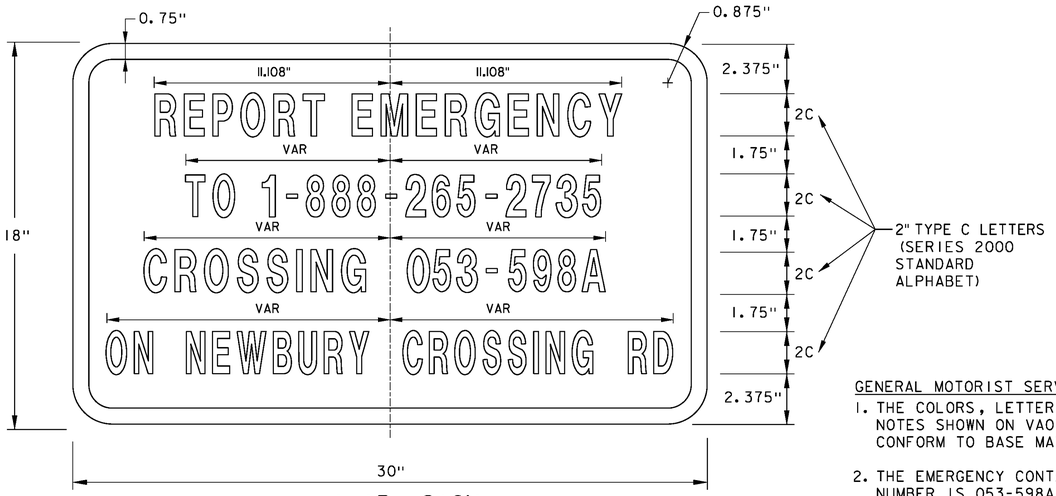
FOUNDATION RISER



FOUNDATION FOOTING

TYPICAL FOUNDATION DETAIL

NTS



I-13a SIGN

NTS

COLORS: LEGEND WHITE (RETROREFLECTIVE)
BACKGROUND BLUE (RETROREFLECTIVE)

GENERAL MOTORIST SERVICE SIGN NOTES:

1. THE COLORS, LETTERING, DESIGN, AND SPECIFICATION SHALL CONFORM TO THE NOTES SHOWN ON VAOT STANDARD E-132. THE SIGN BASE MATERIALS SHALL CONFORM TO BASE MATERIAL A OR C AS NOTED ON VAOT STANDARD E-132.

2. THE EMERGENCY CONTACT TELEPHONE NUMBER IS 1-888-265-2735, THE CROSSING NUMBER IS 053-598A ON NEWBURY CROSSING ROAD (NEWBURY STATE HIGHWAY).

3. PLACE A MINIMUM OF (3) I-13a SIGNS: ONE ON EACH SIDE OF THE CROSSING AND ONE ON THE SIGNAL CASE OR HOUSE.

NTS = NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264detailsRR.dgn
PROJECT LEADER: J. READ
DESIGNED BY: L. BROCKMAN
GRADE CROSSING DETAILS 3 OF 3

PLOT DATE: 2/4/2016
DRAWN BY: L. BROCKMAN
CHECKED BY: J. READ
SHEET 58 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
82+36 TO 84+51 SOLID RT (JUG HANDLE)
82+42 TO 83+68 SOLID LT
82+75 TO 84+33 SOLID RT
84+51 TO 86+50 SOLID RT
85+03 TO 86+50 SOLID LT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
82+42 TO 83+63 SOLID LT
82+42 TO 83+77 SOLID RT
82+72 TO 84+33 SOLID RT (JUG HANDLE)
83+63 TO 84+33 DOUBLE SOLID LT TO RT
83+77 TO 84+33 DOUBLE SOLID RT
84+75 TO 86+50 DOUBLE SOLID LT
84+75 TO 86+50 DOUBLE SOLID RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
82+41 TO 82+72 SOLID RT (JUG HANDLE)
82+41 TO 82+75 SOLID RT
82+45 TO 82+75 SOLID RT (DIAGONALS)

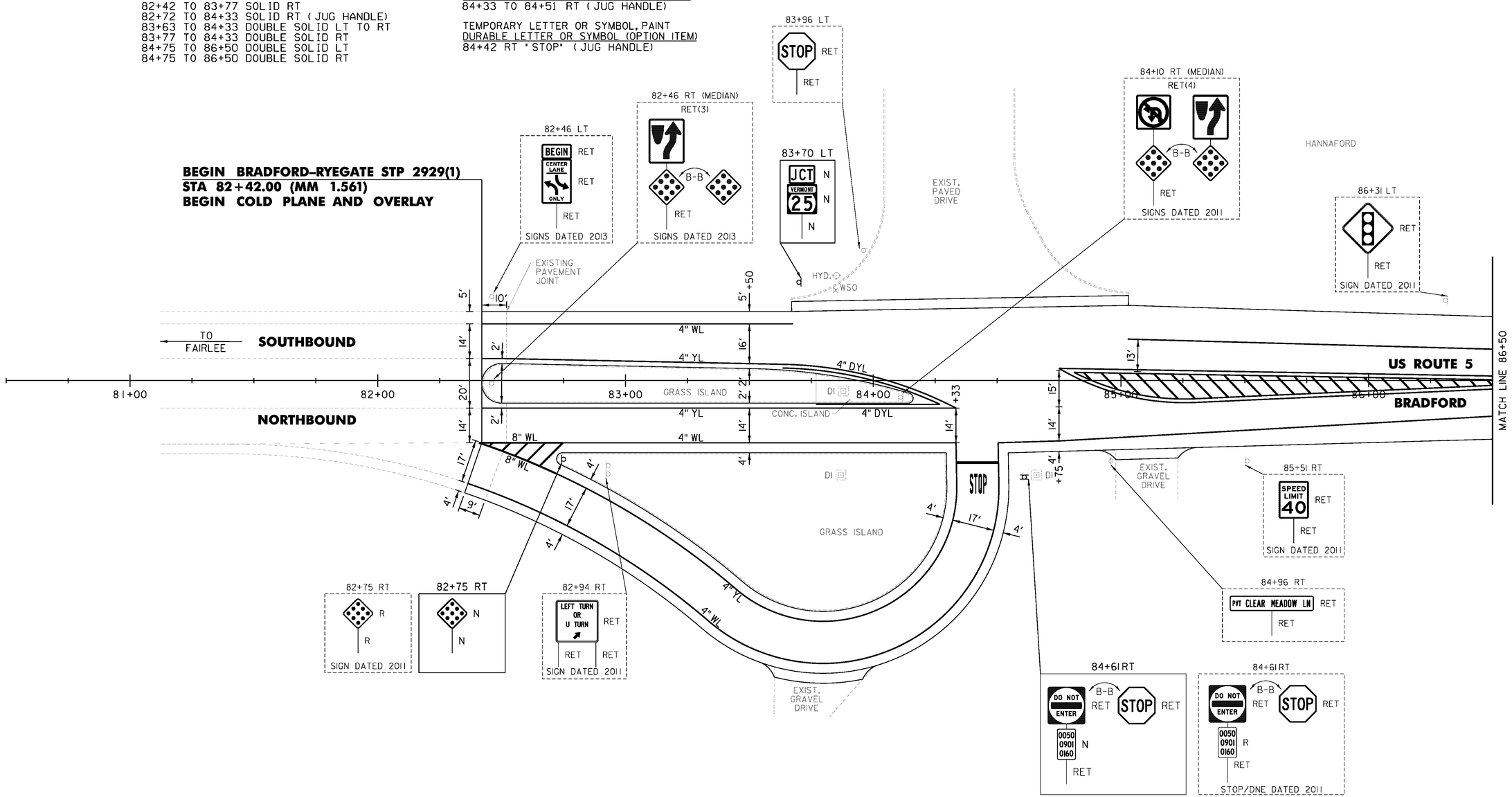
DURABLE 8 INCH YELLOW LINE (OPTION ITEM)
84+85 TO 86+50 CL (DIAGONALS)

TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
84+33 TO 84+51 RT (JUG HANDLE)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
84+42 RT "STOP" (JUG HANDLE)

PAINTED CURB
82+42 TO 82+72 LT & RT
83+86 TO 84+16 LT & RT

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 1	SHEET 59 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
86+50 TO 92+50 SOLID LT & RT
89+00 TO 92+50 SOLID LT (DIAGONALS)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
86+50 TO 86+55 DOUBLE SOLID LT & RT
86+55 TO 92+50 SOLID LT & RT
89+00 TO 92+50 SOLID LT (SHOULDER)

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
89+00 TO 92+50 SOLID LT (SHOULDER)

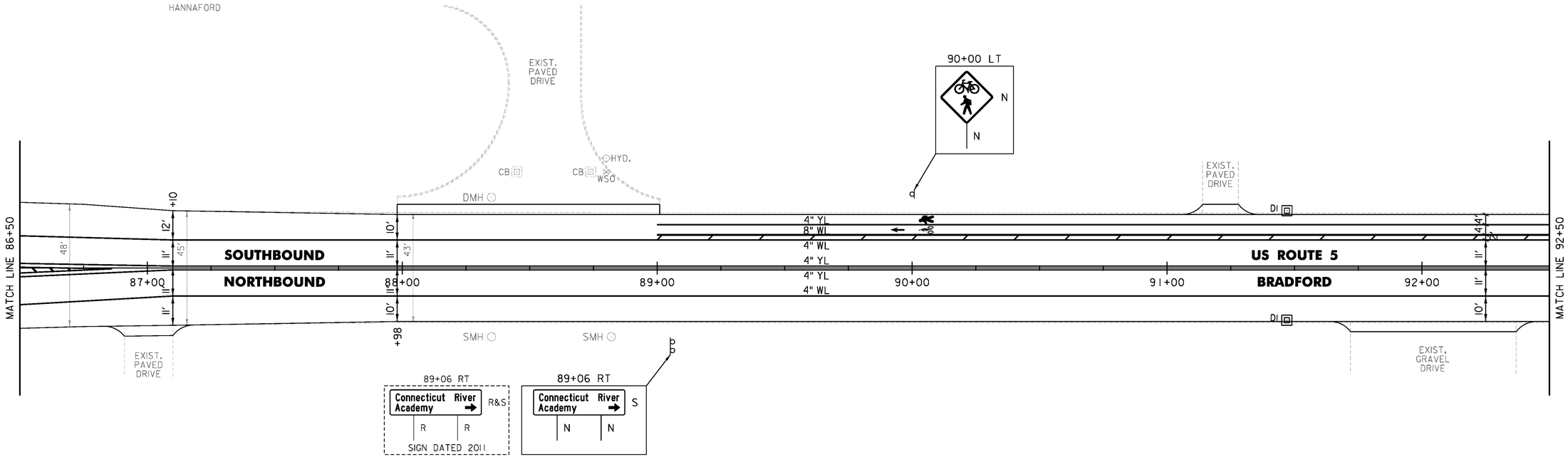
DURABLE 8 INCH YELLOW LINE (OPTION ITEM)
86+50 TO 86+63 CL (DIAGONALS)

DURABLE LETTER OR SYMBOL (OPTION ITEM)
89+94 LT - STRAIGHT ARROW
90+06 LT - PEDESTRIAN SYMBOL
90+06 LT - BICYCLE SYMBOL

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, CLASS II
91+47 LT
91+47 RT

REMOVING SIGNS
AS SHOWN - 1

ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 2	SHEET 60 OF 239

CLD 14-0278

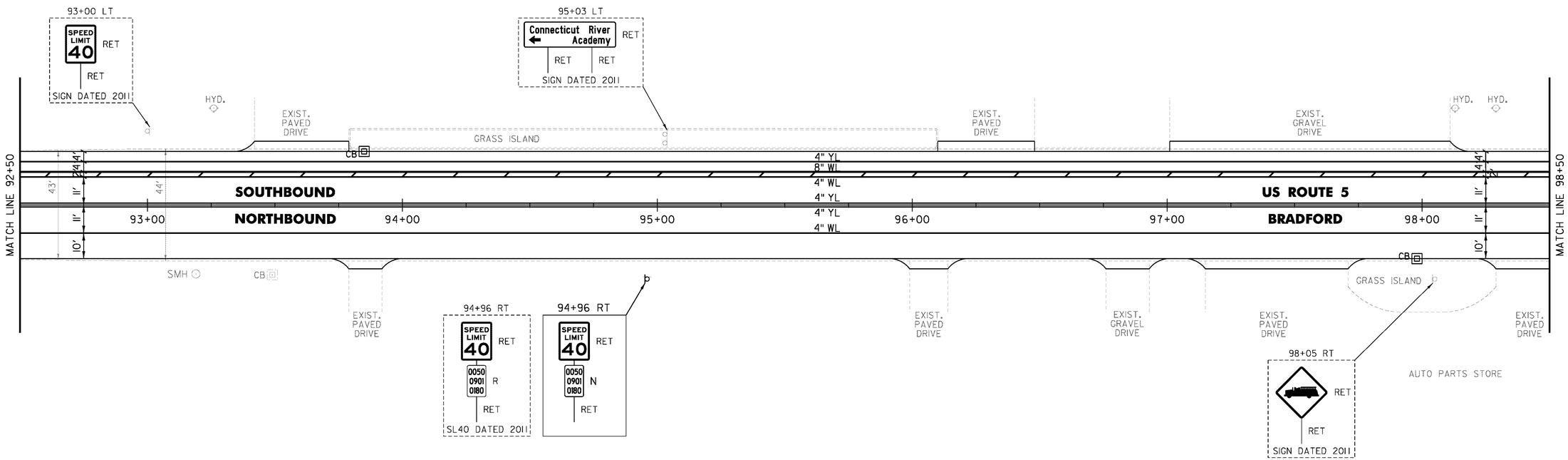
TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
92+50 TO 98+50 SOLID LT & RT
92+50 TO 98+50 SOLID LT (DIAGONALS)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
92+50 TO 98+50 SOLID LT & RT
92+50 TO 98+50 SOLID LT (SHOULDER)

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
92+50 TO 98+50 SOLID LT (SHOULDER)

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, CLASS II
93+85 LT
97+98 RT

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

CLD 14-0278

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FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 3	SHEET 61 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
98+50 TO 104+50 SOLID LT & RT
98+50 TO 104+50 SOLID LT (DIAGONALS)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
98+50 TO 104+50 SOLID LT & RT
98+50 TO 104+50 SOLID LT (SHOULDER)

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
98+50 TO 104+50 SOLID LT (SHOULDER)

REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II
104+37 LT

STEEL BEAM GUARDRAIL, GALVANIZED
102+60 TO 104+50 LT
103+68.5 TO 104+31 RT

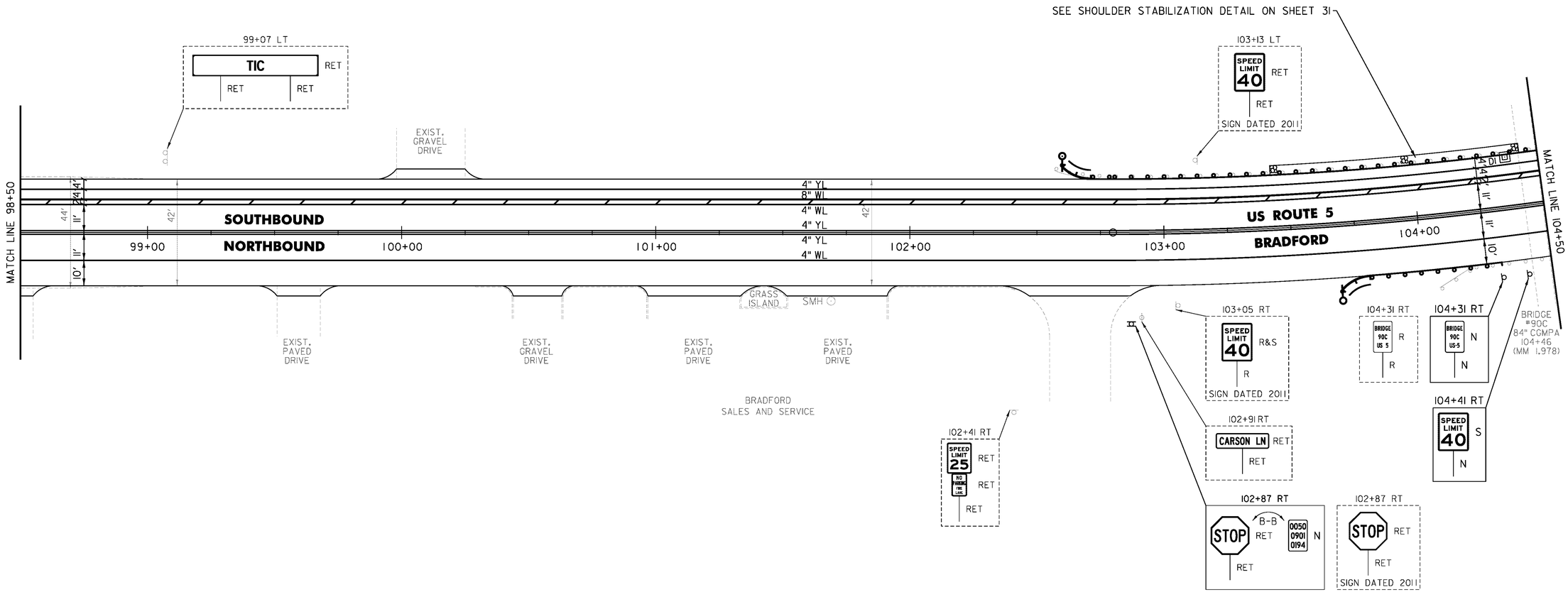
ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
102+57 TO 104+50 LT
104+06 TO 104+31 RT

DELINEATOR WITH STEEL POST
102+60 LT
103+68.5 RT

REMOVING SIGNS
AS SHOWN - 2

ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOT TO SCALE

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PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 4	SHEET 62 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
104+50 TO 110+50 SOLID LT & RT
104+50 TO 110+50 SOLID LT (DIAGONALS)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
104+50 TO 110+50 SOLID LT & RT
104+50 TO 110+50 SOLID LT (SHOULDER)

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
104+50 TO 110+50 SOLID LT (SHOULDER)

DURABLE LETTER OR SYMBOL (OPTION ITEM)
105+94 LT - STRAIGHT ARROW
106+06 LT - PEDESTRIAN SYMBOL
106+06 LT - BICYCLE SYMBOL

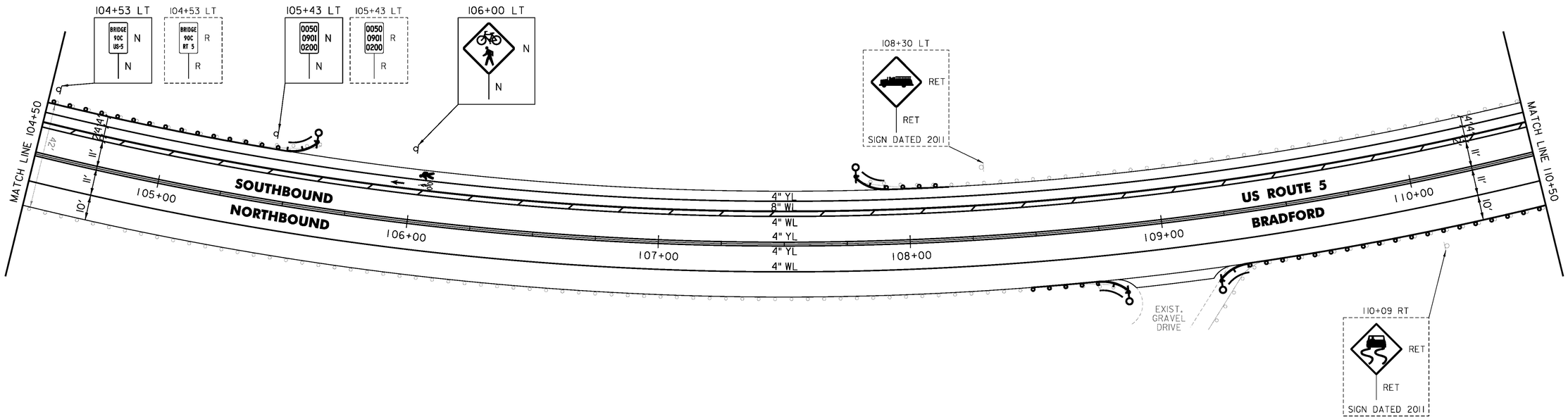
STEEL BEAM GUARDRAIL, GALVANIZED
104+50 TO 105+60 LT
107+79 TO 108+16.5 LT
108+46.5 TO 108+84 RT
109+20.5 TO 110+50 RT

ANCHOR FOR STEEL BEAM RAIL
4 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
104+50 TO 105+62 LT
107+79 TO 108+16.5 LT
108+46.5 TO 108+84 RT
109+13 TO 110+50 RT

DELINEATOR WITH STEEL POST
105+60 LT
107+79 LT
108+84 RT
109+20.5 RT

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

CLD 14-0278

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
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DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 5	SHEET 63 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
110+50 TO 116+50 SOLID LT & RT
110+50 TO 116+50 SOLID LT (DIAGONALS)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
110+50 TO 116+50 SOLID LT & RT
110+50 TO 116+50 SOLID LT (SHOULDER)

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
110+50 TO 116+50 SOLID LT (SHOULDER)

REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II
110+52 LT
112+53 RT
112+67 LT
114+52 RT

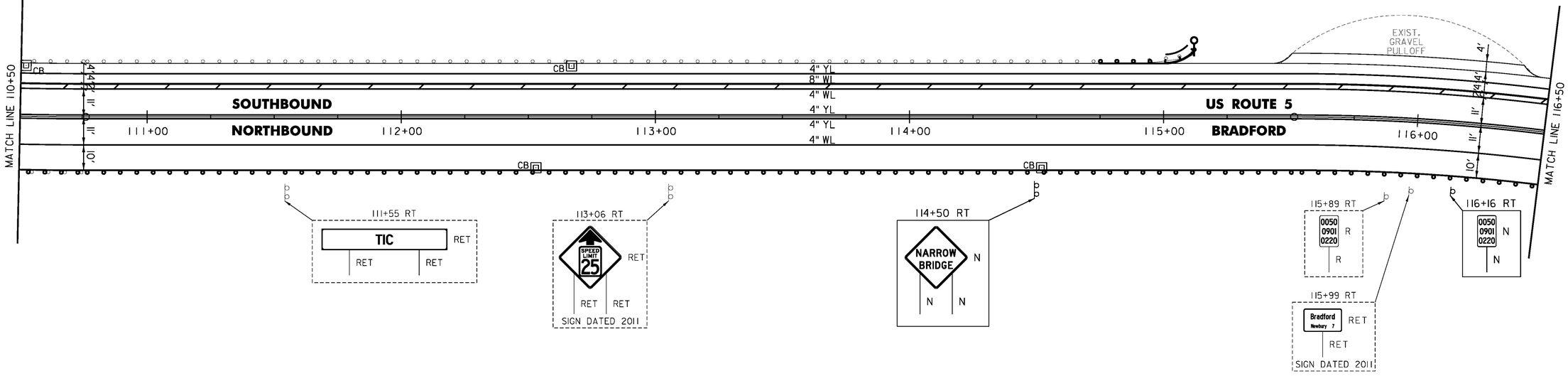
STEEL BEAM GUARDRAIL, GALVANIZED
110+50 TO 116+50 RT
114+74.5 TO 115+12 LT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
110+50 TO 116+50 RT
114+74.5 TO 115+12 LT

DELINEATOR WITH STEEL POST
115+12 LT

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

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US 5 PLAN SHEET 6	SHEET 64 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
116+50 TO 122+50 SOLID LT & RT
116+50 TO 119+40 SOLID LT (DIAGONALS)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
116+50 TO 118+30 SOLID LT (SHOULDER)
116+50 TO 122+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
116+50 TO 119+64 SOLID LT (SHOULDER)

DURABLE LETTER OR SYMBOL (OPTION ITEM)
118+24 LT - STRAIGHT ARROW
118+36 LT - PEDESTRIAN SYMBOL
118+36 LT - BICYCLE SYMBOL

REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II
116+75 RT
121+22 LT
121+41 RT
121+78 LT

STEEL BEAM GUARDRAIL, GALVANIZED
116+50 TO 119+33 RT
119+16 TO 119+41 LT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
116+50 TO 119+58 RT
119+18 TO 119+66 LT

DELINEATOR WITH STEEL POST
119+16 LT

GUARDRAIL APPROACH SECTION, GALV HD STEEL BEAM
119+33 TO 119+58 RT
119+41 TO 119+66 LT

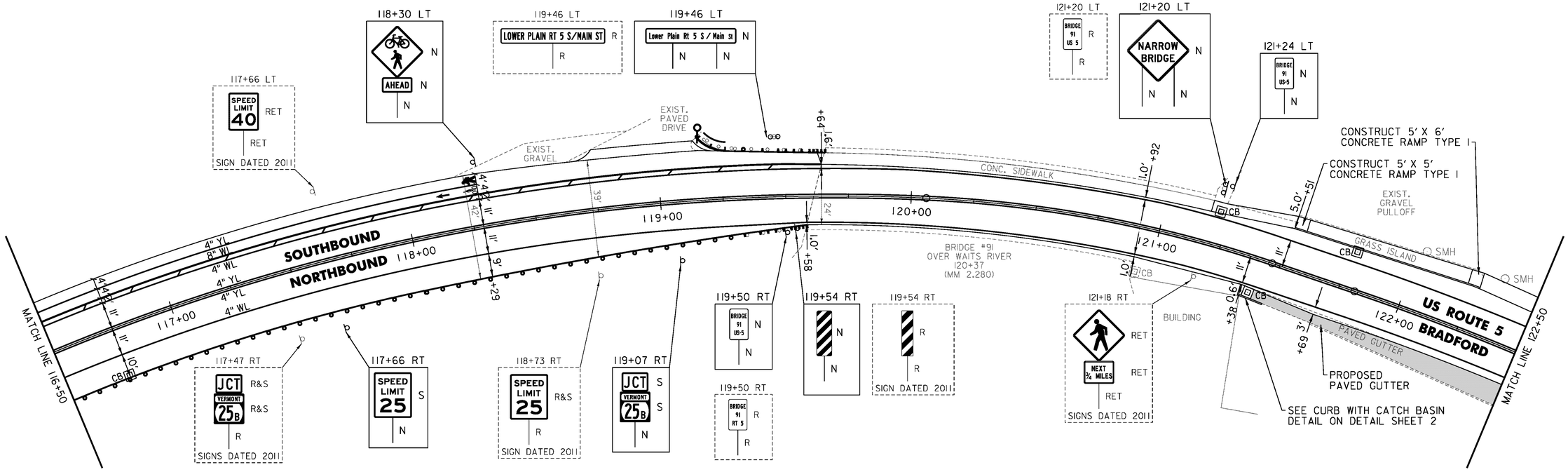
TERMINAL CONNECTOR FOR STEEL BEAM GUARDRAIL
119+58 RT
119+66 LT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
121+50 TO 122+28 LT

VERTICAL GRANITE CURB
121+37 TO 121+48 RT

REMOVING SIGNS
AS SHOWN - 7

ERECTING SALVAGED SIGNS
AS SHOWN - 3



NOT TO SCALE

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DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 7	SHEET 65 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
122+50 TO 123+95 SOLID LT & RT
124+04 TO 125+03 SOLID LT
124+04 TO 126+12 SOLID RT
124+96 TO 125+03 SOLID LT (VT 25B)
125+05 TO 126+69 SOLID LT
126+41 TO 126+42 SOLID LT (NO PARKING)
126+53 TO 126+54 SOLID LT (NO PARKING)
126+76 TO 126+97 SOLID LT (NO PARKING)
126+76 TO 127+12 SOLID RT (NO PARKING)
126+97 TO 127+47 SOLID LT (PARKING)
127+09 TO 127+63 SOLID RT (PARKING)
127+49 TO 127+67 SOLID LT (NO PARKING)
127+75 TO 127+78 SOLID LT (TH 63)
127+60 TO 127+94 SOLID RT (NO PARKING)
127+98 TO 127+99 SOLID LT (TH 63)
128+09 TO 128+29 SOLID LT (NO PARKING)
128+28 TO 128+43 SOLID RT (NO PARKING)
128+29 TO 128+50 SOLID LT (PARKING)
128+40 TO 128+50 SOLID RT (PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
122+50 TO 123+95 SOLID LT & RT
124+04 TO 125+50 SOLID LT & RT
125+01 TO 125+20 SOLID LT (VT 25B)
125+90 TO 126+14 SOLID LT & RT
126+34 DOUBLE SOLID RT (TH 68)
126+54 TO 126+68 SOLID LT & RT
126+78 TO 127+67 SOLID LT & RT
127+87 TO 127+88 DOUBLE SOLID LT (TH 63)
128+05 TO 128+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
126+41 TO 126+54 SOLID LT (NO PARKING)

TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
125+14 TO 125+20 LT (VT 25B)
126+35 TO 126+51 RT (TH 68)
127+76 TO 127+86 LT (TH 63)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
125+10 LT "STOP" (VT 25B)
126+44 RT "STOP" (TH 68)
127+51 LT ACCESSIBLE PARKING SYMBOL
127+56 RT ACCESSIBLE PARKING SYMBOL
127+81 LT "STOP" (TH 63)

TEMPORARY CROSSWALK MARKING, PAINT
DURABLE CROSSWALK MARKING (OPTION ITEM)
124+00 LT TO RT
126+18 TO 126+53 RT (TH 68)
126+72 TO 126+75 RT TO LT
127+68 TO 128+02 LT (TH 63)
127+97 TO 128+05 RT TO LT

CHANGING ELEVATION OF
DROP INLETS, CATCH BASINS, OR MANHOLES
126+81 LT (DMH)

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, CLASS II
123+34 LT
124+08 LT
125+05 LT (VT 25B)
125+06 LT
126+08 LT
126+80 RT

VERTICAL GRANITE CURB
122+76 TO 123+32 LT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
122+76 TO 123+32 LT
123+96 TO 124+02 RT (RAMP TYPE 6)
123+97 TO 124+02 LT (RAMP TYPE 6)
126+10 TO 126+18 RT (RAMP TYPE 1)
126+71 TO 126+77 LT (RAMP TYPE 1)
128+03 TO 128+08 LT (RAMP TYPE 3)

DETECTABLE WARNING SURFACE (DWS)
124+00 RT
124+00 LT
126+17 RT
126+74 LT
128+04 LT
128+05 LT
126+17 LT

REMOVING SIGNS
AS SHOWN - 14

ERECTING SALVAGED SIGNS
AS SHOWN - 10

THINNING AND TRIMMING FOR SIGNS
123+94 RT

122+85 LT
RET
RET

123+54 LT
SOUTH 5
RET
RET
SIGNS DATED 2011

124+01 LT
SPEED LIMIT 25
R
R
SIGN DATED 2011

124+01 LT
N
N
N

SOUTH MAIN STREET
VT 25B
125+99
(MM 2.386)
PAVED ROAD

CONSTRUCT
5' X 7'
CONCRETE
RAMP TYPE I

CONSTRUCT 5' X 5'
CONCRETE RAMP
TYPE 6 W/ DWS

CONSTRUCT 5' X 4'
CONCRETE RAMP
TYPE 6 W/ DWS

CONSTRUCT 10' X 5'
CONCRETE RAMP
TYPE I W/ DWS

PROPOSED
PAVED GUTTER

MATCH LINE 122+50

SOUTHBOUND
NORTHBOUND

4" WL
4" YL
4" YL
4" WL

CONC. SIDEWALK
PAVED GUTTER
EXIST.
PAVED
PARKING

123+00
124+00
125+00
126+00
126+12

R=11'
R=1000'

A
124+97 LT
RET(6)
SOUTH 5
WEST VERMONT 25B
RET RET
SIGNS DATED 2011

B
125+06 LT
S Main St RET
Main St RET
STOP RET
0050
0901
0238
RET
STOP DATED 2013

C
127+43 LT
127+70 RT
RESERVED PARKING
N
N

126+57 LT
RET
RET
RET
SIGNS DATED 2011

123+94 RT
N
N
N

124+23 RT
R&S(8)
Wells River 13
St. Johnsbury 34
WEST VERMONT 25B
NORTH 5
R R
SIGNS DATED 2011

124+88 RT
S(8)
Wells River 13
St. Johnsbury 34
WEST VERMONT 25B
NORTH 5
N N

126+09 RT
B-B
PARKING RET
PARKING RET
SPEED LIMIT 25
RET
RET
SL25 DATED 2011

BARTON STREET
TH 68
126+34
(MM 2.393)
PAVED ROAD

126+08 RT
LEGAL LOAD LIMIT 24,000 POUNDS
N
N

126+53 RT
Barton St RET
STOP RET
RET

126+56 RT
S
S
N

126+66 RT
R&S
R&S
R
SIGNS DATED 2011

127+70 LT
BANK ST R
MAIN ST R
PUBLIC PARKING
R

127+70 LT
Bank St N
Main St N
N

127+70 LT
STOP RET
RET
SIGN DATED 2011

128+09 LT
B-B
PARKING RET
PARKING RET
LEGAL LOAD LIMIT 24,000 POUNDS
RET
RET
LLL DATED 2011

128+12 LT
RET
RET
RET
SIGNS DATED 2011

CONSTRUCT 5' X 5'
CONCRETE RAMP
TYPE I W/ DWS

SEE SIDEWALK RAMP DETAIL
ON DETAIL SHEETS 5 & 6

BANK STREET
TH 63
127+87
(MM 2.422)
PAVED ROAD

CONSTRUCT 8' X 5' CONCRETE
RAMP TYPE 3 W/ DWS

US ROUTE 5
BRADFORD

127+00
128+00

MATCH LINE 128+50

BUILDING
EXIST. DWS
CONC. SIDEWALK
8' TYP.
20'
29'
16'
45°
9' TYP.
60°
18'
32'
5'
11'
11'
5'
12'
34'
17'
17'
4'
SMH
DMH
CB
HYD.
UP
WSO
S. MAPLE
BARTON STREET

NOT TO SCALE

CLD 14-0278

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PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 8	SHEET 66 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
128+50 TO 131+51 SOLID RT (PARKING)
128+50 TO 128+91 SOLID LT (PARKING)
129+16 TO 129+78 SOLID LT (PARKING)
131+47 TO 131+89 SOLID RT (NO PARKING)
131+92 SOLID RT (TH 74)
132+28 SOLID RT (TH 74)
132+39 TO 133+50 SOLID LT
132+39 TO 133+50 SOLID RT
132+41 SOLID RT (NO PARKING)
132+53 SOLID RT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
128+50 TO 131+90 SOLID LT & RT
132+10 DOUBLE SOLID RT (TH 74)
132+39 TO 133+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
132+41 TO 132+53 SOLID RT (NO PARKING)

TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
132+10 TO 132+28 RT (TH 74)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
132+19 RT "STOP" (TH 74)

TEMPORARY CROSSWALK MARKING, PAINT
DURABLE CROSSWALK MARKING (OPTION ITEM)
131+89 TO 132+28 RT
132+34 LT TO RT

REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II
130+03 RT
130+27 LT
132+00 RT
132+27 LT

CHANGING ELEVATION OF SEWER MANHOLES (NON-PART)
132+77 RT (TMH)

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
132+30 TO 132+39 RT (RAMP TYPE 3)
132+32 TO 132+37 LT (RAMP TYPE 6)

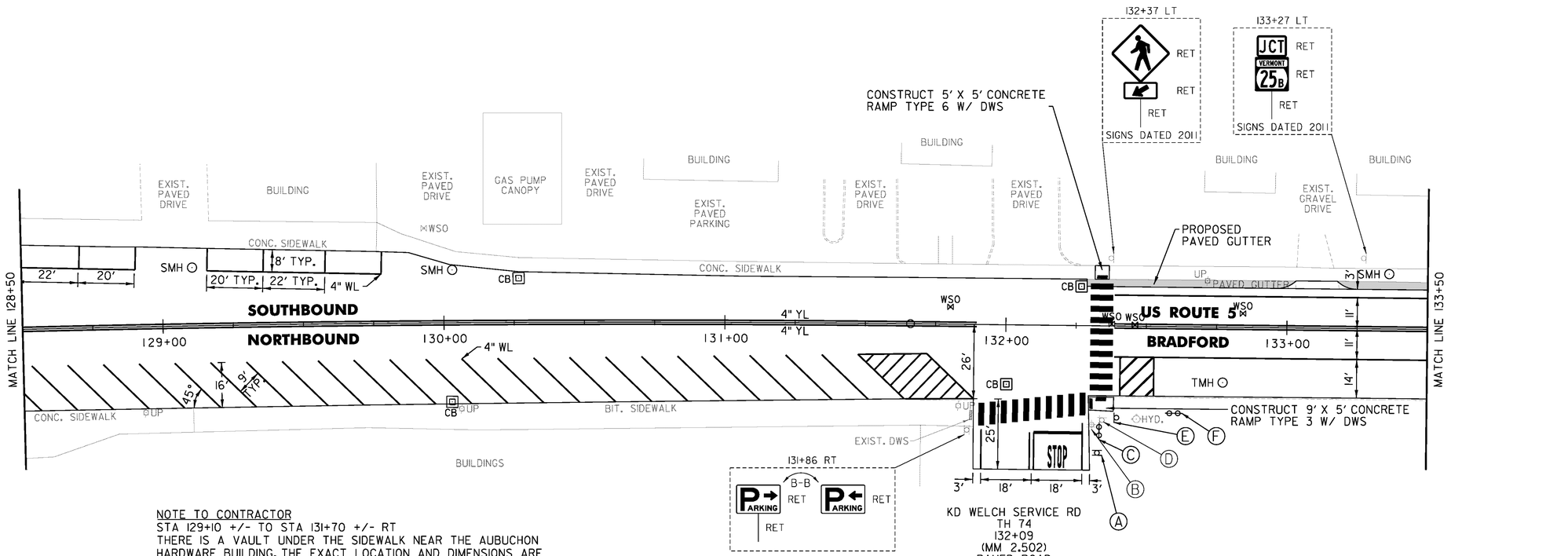
DETECTABLE WARNING SURFACE (DWS)
132+31 RT
132+34 RT
132+34 LT

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
132+29 TO 133+03 LT
133+18 TO 133+50 LT

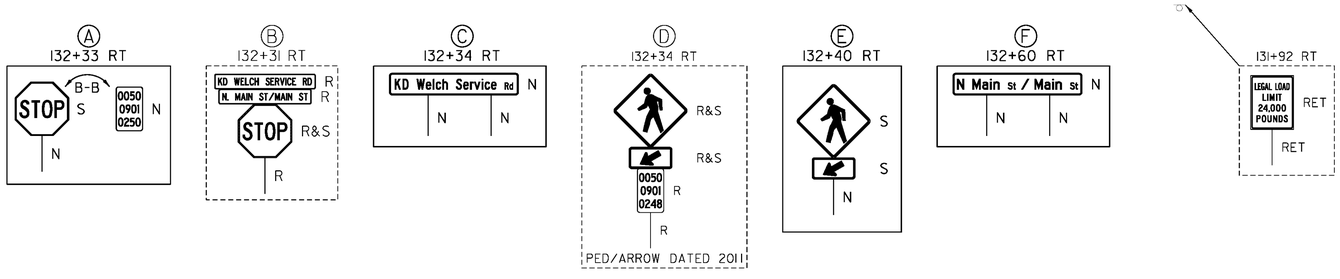
REMOVING SIGNS
AS SHOWN - 6

ERECTING SALVAGED SIGNS
AS SHOWN - 3

THINNING AND TRIMMING FOR SIGNS
132+37 LT



NOTE TO CONTRACTOR
STA 129+10 +/- TO STA 131+70 +/- RT
THERE IS A VAULT UNDER THE SIDEWALK NEAR THE AUBUCHON HARDWARE BUILDING, THE EXACT LOCATION AND DIMENSIONS ARE UNKNOWN. THE CONTRACTOR SHALL USE CAUTION WHEN COLD PLANING AND PAVING OPERATIONS OCCUR IN THIS AREA. SHOULD ANY DAMAGE OCCUR AS A RESULT OF THESE OPERATIONS IT WILL BE REPAIRED BY THE CONTRACTOR AT NO COST TO THE STATE.



NOT TO SCALE

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US 5 PLAN SHEET 9	SHEET 67 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
133+50 TO 139+50 SOLID LT & RT
135+86 SOLID LT (NO PARKING)
135+98 SOLID LT (NO PARKING)
139+01 SOLID LT (NO PARKING)
139+13 SOLID LT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
133+50 TO 139+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
135+86 TO 135+98 SOLID LT (NO PARKING)
139+01 TO 139+13 SOLID LT (NO PARKING)

BITUMINOUS CONCRETE
GUTTERS AND TRAFFIC ISLANDS
133+50 TO 133+70 LT
133+83 TO 134+16 LT
134+29 TO 134+85 LT
134+93 TO 136+37 LT

~~VERTICAL GRANITE CURB~~
~~135+74 TO 135+94 RT~~

REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II
135+79 LT

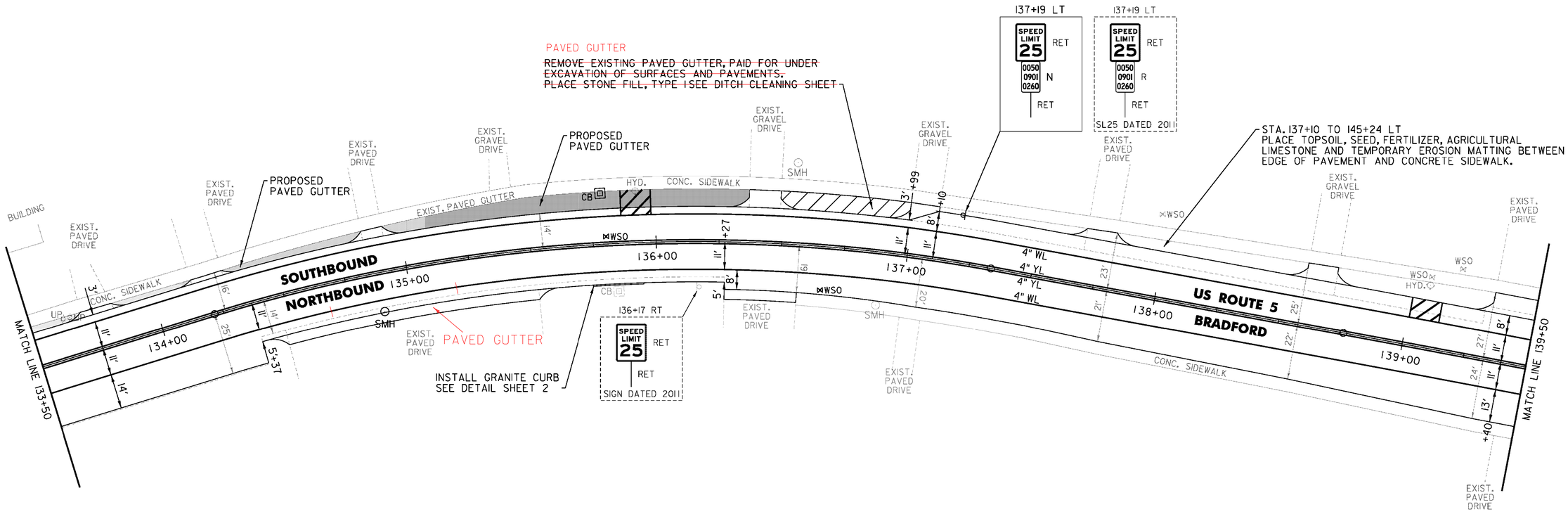
REMOVING SIGNS
AS SHOWN - 1

PAVED GUTTER
~~REMOVE EXISTING PAVED GUTTER, PAID FOR UNDER EXCAVATION OF SURFACES AND PAVEMENTS.~~
~~PLACE STONE FILL, TYPE I SEE DITCH CLEANING SHEET~~

137+19 LT
SPEED LIMIT 25 RET
0050 0901 0260 N
RET

137+19 LT
SPEED LIMIT 25 RET
0050 0901 0260 R
RET
SL25 DATED 2011

STA. 137+10 TO 145+24 LT
PLACE TOPSOIL, SEED, FERTILIZER, AGRICULTURAL LIMESTONE AND TEMPORARY EROSION MATTING BETWEEN EDGE OF PAVEMENT AND CONCRETE SIDEWALK.



NOT TO SCALE

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DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 10	SHEET 68 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
139+50 TO 140+80 SOLID LT
139+50 TO 139+99 SOLID RT
140+53 TO 141+00 SOLID RT (NO PARKING)
140+80 TO 141+00 SOLID LT (NO PARKING)
141+10 TO 141+14 SOLID LT (NO PARKING)
141+10 TO 141+30 SOLID RT (NO PARKING)
141+14 TO 145+50 SOLID LT
141+30 TO 145+50 SOLID RT
143+19 SOLID LT (NO PARKING)
143+31 SOLID LT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
139+50 TO 140+19 SOLID LT & RT
140+59 TO 141+01 SOLID LT & RT
141+10 TO 145+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
143+19 TO 143+31 SOLID LT (NO PARKING)

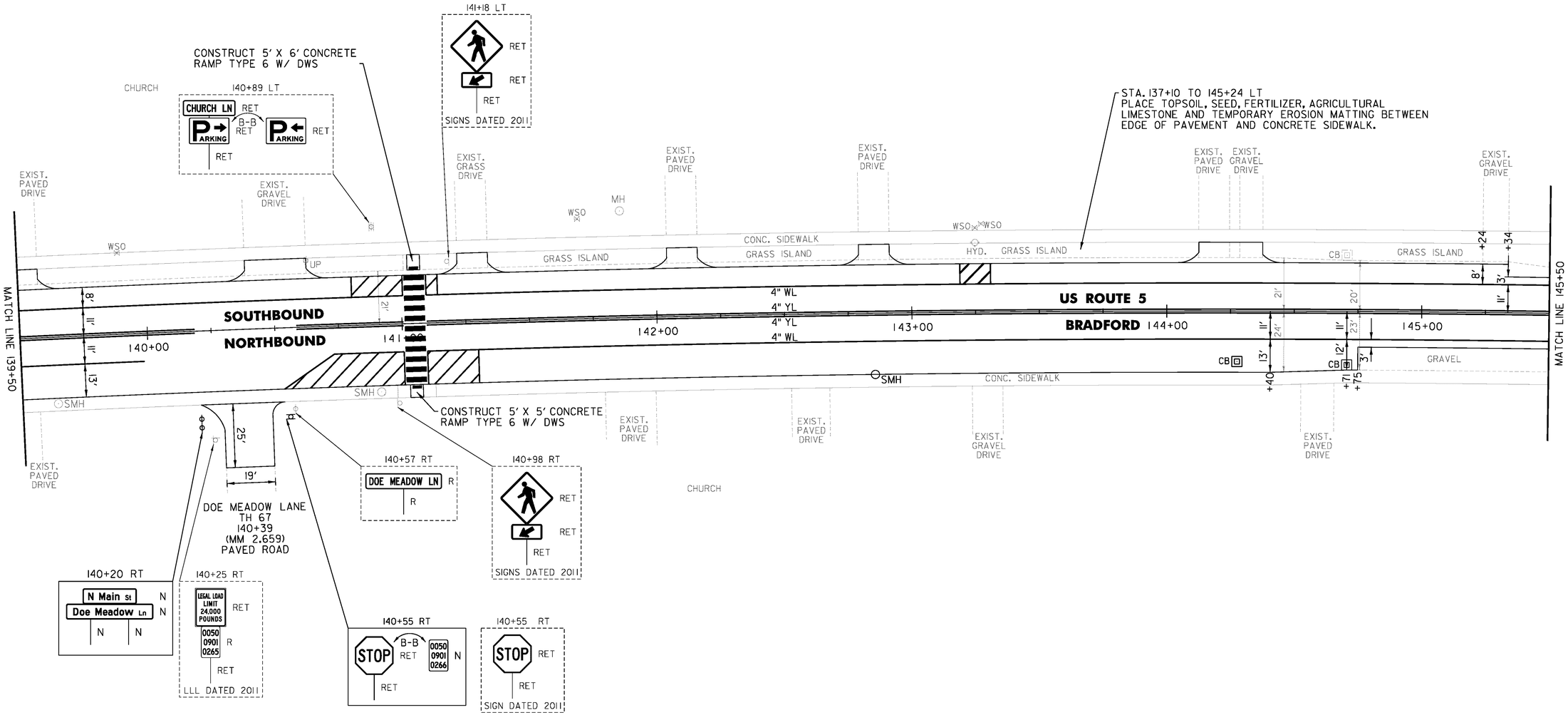
TEMPORARY CROSSWALK MARKING, PAINT
DURABLE CROSSWALK MARKING (OPTION ITEM)
141+05 LT TO RT

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, CLASS II
144+28 RT
144+71 RT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
141+03 TO 141+07 RT (RAMP TYPE 6)
141+03 TO 141+08 LT (RAMP TYPE 6)

DETECTABLE WARNING SURFACE (DWS)
141+05 LT
141+05 RT

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 11	SHEET 69 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
145+50 TO 151+50 SOLID LT & RT
147+25 SOLID LT (NO PARKING)
147+37 SOLID LT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
145+50 TO 151+50 SOLID LT & RT

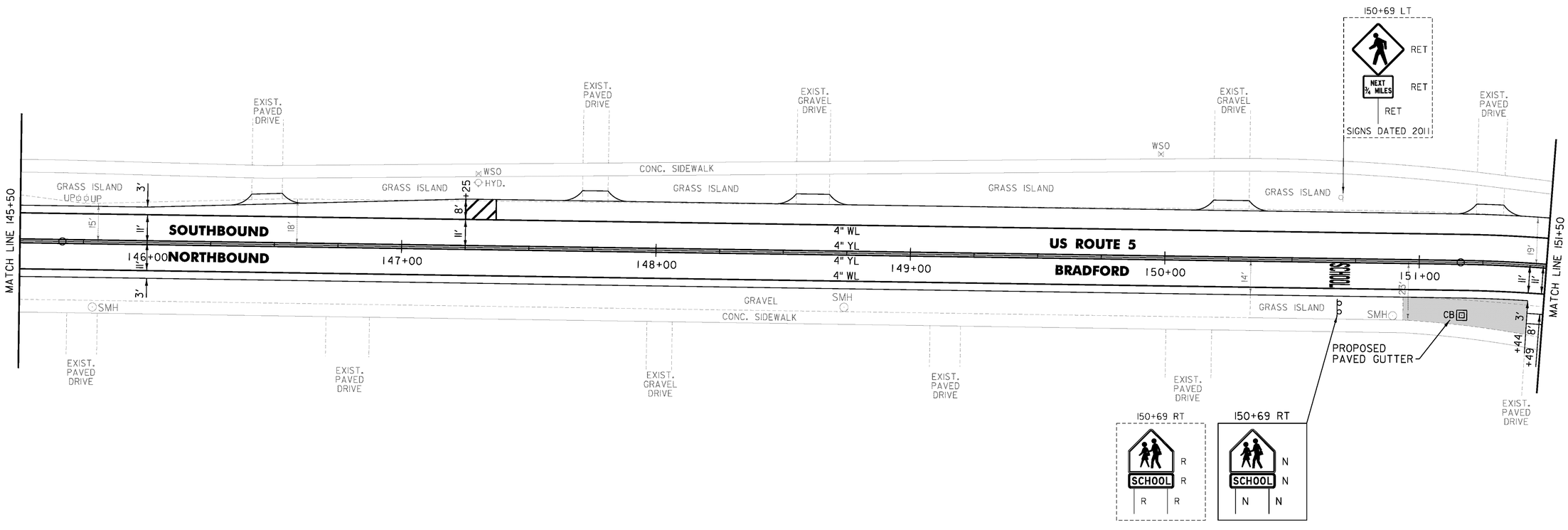
TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
147+25 TO 147+37 SOLID LT (NO PARKING)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
150+69 RT "SCHOOL"

BITUMINOUS CONCRETE
GUTTERS AND TRAFFIC ISLANDS
150+94 TO 151+44 RT

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, CLASS II
151+17 RT

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 12	SHEET 70 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
151+50 TO 152+28 SOLID LT
151+50 TO 154+44 SOLID RT
151+62 SOLID RT (NO PARKING)
151+74 SOLID RT (NO PARKING)
152+28 TO 152+67 SOLID LT (TH 69)
152+71 TO 152+79 SOLID LT (TH 69)
153+08 TO 153+11 SOLID LT (TH 69)
153+14 TO 153+55 SOLID LT (TH 69)
153+55 TO 157+50 SOLID LT
154+44 TO 154+99 SOLID RT (TH 66)
155+34 TO 155+60 SOLID RT (TH 66)
155+60 TO 157+50 SOLID RT
157+00 TO 157+50 DOTTED RT (LANE LINE)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
151+50 TO 152+72 SOLID LT & RT
152+93 DOUBLE SOLID LT (TH 69)
153+12 TO 154+85 SOLID LT & RT
155+11 TO 155+15 DOUBLE SOLID RT (TH 66)
155+15 RT DOUBLE SOLID RT (TH 66)
155+25 TO 157+50 SOLID LT & RT
155+25 TO 157+50 DOUBLE SOLID RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
151+62 TO 151+74 SOLID RT (NO PARKING)

DURABLE 8 INCH YELLOW LINE (OPTION ITEM)
155+35 TO 157+50 RT (DIAGONALS)

TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
152+75 TO 152+93 LT (TH 69)
155+12 TO 155+44 RT (TH 66)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
152+85 LT "STOP" (TH 69)
155+25 RT "STOP" (TH 66)

TEMPORARY CROSSWALK MARKING, PAINT
DURABLE CROSSWALK MARKING (OPTION ITEM)
152+68 TO 153+16 LT

REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II
151+78 LT
152+66 LT
153+18 LT
154+58 LT
155+71 LT
156+50 RT
156+96 LT

~~STONE FILL, TYPE I~~
~~151+70 TO 151+85 LT~~

STEEL BEAM GUARDRAIL, GALVANIZED
155+80 TO 156+17.5 RT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
155+80 TO 156+17.5 RT

DELINEATOR WITH STEEL POST
155+80 RT

BITUMINOUS CONCRETE
GUTTERS AND TRAFFIC ISLANDS
153+08 TO 153+19 LT (TH 69)

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
152+55 TO 152+68 LT (RAMP TYPE 1)
153+12 TO 153+24 LT (RAMP TYPE 6)

DETECTABLE WARNING SURFACE (DWS)
152+66 LT
153+16 LT

REMOVING SIGNS
AS SHOWN - 11

ERECTING SALVAGED SIGNS
AS SHOWN - 2

152+73 LT
STOP R&S R
SIGN DATED 2011

152+73 LT
STOP B-B S 0050 0901 0290 N N

HISTORIC PLAQUE AND WATERING TROUGH IS TO BE MOVED TO BOCH PARK WHICH IS LOCATED NEAR STA 122+00 LT AND US 5 PLAN SHEET 7. HISTORIC PLAQUE AND WATERING TROUGH IS TO BE RELOCATED BY OTHERS. SEE SPECIAL PROVISIONS AND PAVEMENT PATCH DETAIL ON DETAIL SHEET 1

WRIGHTS AVE
TH 69
152+92
(MM 2.896)
PAVED ROAD

153+17 LT
LEGAL LOAD LIMIT 24,000 POUNDS RET
RET

153+28 LT
Wrights Ave N
N Main St N
N

153+28 LT
WRIGHTS AVE R
N MAIN ST R
R

152+40 LT
SPEED LIMIT 25 RET
RET
SIGN DATED 2011

CONSTRUCT CONCRETE RAMP TYPE 1 W/ DWS

CONSTRUCT CONCRETE RAMP TYPE 6 W/ DWS

PROPOSED PAVED GUTTER

153+51 LT
PVT WELCH LOOP R
R

153+81 LT
END RET
RET
RET
SIGNS DATED 2011

154+31 LT
END SCHOOL ZONE RET
RET
SIGN DATED 2011

156+33 LT
BRIDGE 92 US 5 R
R

156+33 LT
BRIDGE 92 US-5 N
N

156+76 LT
SPEED LIMIT 25 RET
RET RET

PAVED GUTTER

RIM ELEVATION
EXIST. ELEV. = 428.4
PROP. ELEV. = 428.70

PROP ELEV. = 428.80

PROP ELEV. = 429.20

PROP ELEV. = 429.40

EXIST. ELEV. = 428.90

SEE NOTE 1

SOUTHBOUND
NORTHBOUND

MATCH LINE 151+50

MATCH LINE 157+50

US ROUTE 5

BRADFORD

DEPOT STREET
TH 66
154+89
(MM 2.934)
PAVED ROAD

152+35 RT
BEGIN RET
RET
SIGNS DATED 2011

152+54 RT
SPEED LIMIT 35 RET
RET
SIGN DATED 2011

154+43 RT
RET
SCHOOL RET
SPEED LIMIT 25 WHEN FLASHING N
N
RET

154+43 RT
RET
SCHOOL RET
SPEED LIMIT 25 WHEN FLASHING R
R
RET
SCHOOL DATED 2011

155+04 RT
LEGAL LOAD LIMIT 24,000 POUNDS RET
0050 0901 0293 R&S
RET
LLL DATED 2011

155+44 RT
Depot St N
N Main St N
N

155+44 RT
DEPOT ST R
R

155+47 RT
STOP B-B RET 0050 0901 0293 S
RET

155+47 RT
STOP RET
RET
SIGN DATED 2011

156+20 RT
RET
RET
SIGN DATED 2011

156+33 RT
BRIDGE 92 US-5 N
N

156+33 RT
BRIDGE 92 RT 5 R
R

NOTE
1. STA. 151+85 TO 152+65 LT
REMOVE EXISTING PAVEMENT, PAID FOR UNDER EXCAVATION OF SURFACES AND PAVEMENTS PLACE 4" TOPSOIL, SEED, FERTILIZER, AGRICULTURAL LIMESTONE AND TEMPORARY EROSION MATTING.

NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(1)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 13	SHEET 71 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
157+50 TO 158+29 SOLID LT
157+50 TO 163+50 SOLID RT
157+50 TO 158+00 DOTTED RT (LANE LINE)
158+00 TO 158+96 SOLID RT (LANE LINE)
158+08 SOLID LT (NO PARKING)
158+20 SOLID LT (NO PARKING)
158+29 TO 158+81 SOLID LT (TH 3)
159+22 TO 159+90 SOLID LT (TH 3)
159+90 TO 163+50 SOLID LT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
157+50 TO 157+90 SOLID LT & RT
157+50 TO 157+90 DOUBLE SOLID RT
157+90 TO 158+75 SOLID LT & RT
159+00 TO 159+02 DOUBLE SOLID LT (TH 3)
159+47 TO 163+50 SOLID LT & RT
159+53 TO 163+50 DOUBLE SOLID RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
158+08 TO 158+20 SOLID LT (NO PARKING)

DURABLE 8 INCH YELLOW LINE (OPTION ITEM)
157+50 TO 157+90 RT (DIAGONALS)
159+53 TO 163+50 RT (DIAGONALS)

TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
158+72 TO 159+01 LT (TH 3)

TEMPORARY LETTER OR SYMBOL, PAINT
158+04 RT LEFT TURN ARROW
158+88 LT "STOP" (TH 3)

DURABLE LETTER OR SYMBOL (OPTION ITEM)
158+04 RT LEFT TURN ARROW
158+71 RT "ONLY"
158+88 LT "STOP" (TH 3)

TEMPORARY CROSSWALK MARKING, PAINT
DURABLE CROSSWALK MARKING (OPTION ITEM)
158+60 TO 159+70 LT

REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II
157+51 LT
157+93 RT
158+44 LT
159+27 LT
160+47 LT

STEEL BEAM GUARDRAIL, GALVANIZED
157+96.5 TO 158+34 RT
161+92 TO 162+29.5 RT

ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

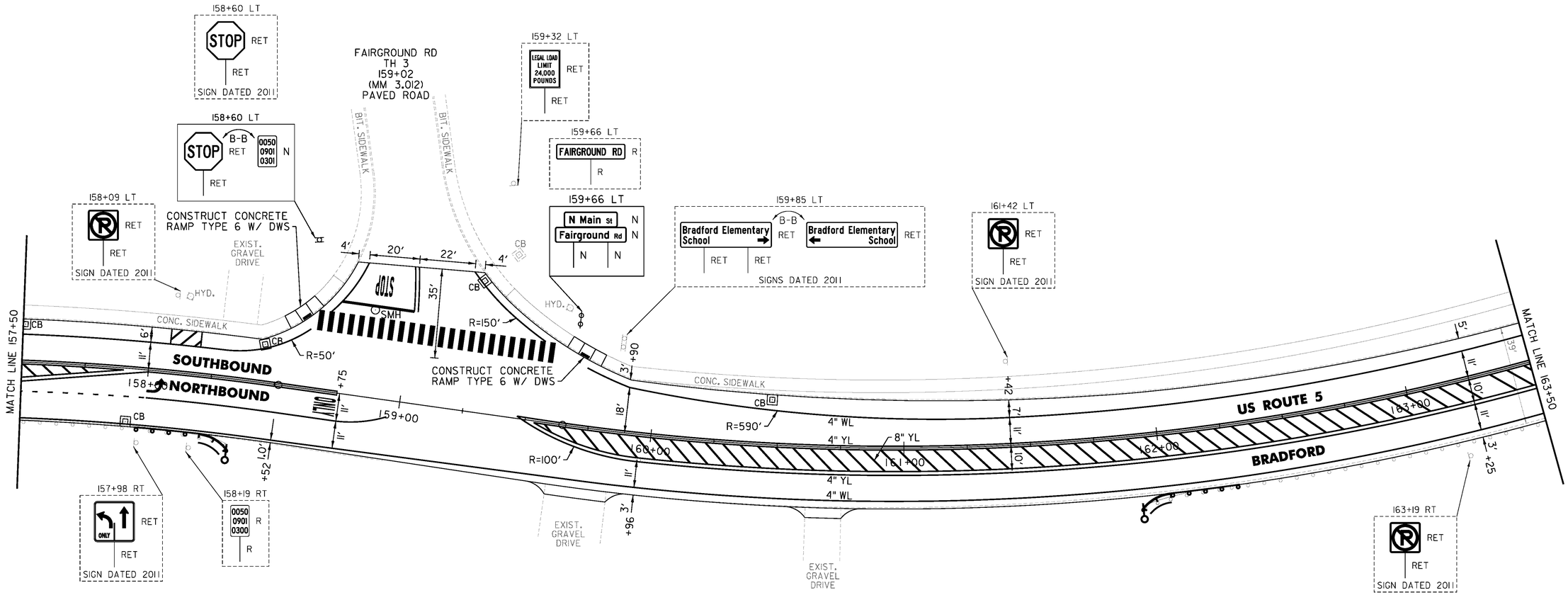
REMOVAL AND DISPOSAL OF GUARDRAIL
157+96.5 TO 158+34 RT
161+92 TO 162+29.5 RT

DELINEATOR WITH STEEL POST
158+34 RT
161+92 RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
158+50 TO 158+65 LT (RAMP TYPE 6)
159+63 TO 159+79 LT (RAMP TYPE 6)

DETECTABLE WARNING SURFACE (DWS)
158+59 LT
159+70 LT

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 14	SHEET 72 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
163+50 TO 167+71 SOLID LT
163+50 TO 169+50 SOLID RT
165+56 TO 166+92 DOTTED RT (LANE LINE)
166+92 TO 168+00 SOLID RT (LANE LINE)
168+31 TO 169+50 SOLID LT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
163+50 TO 167+81 SOLID LT & RT
163+50 TO 166+77 DOUBLE SOLID RT
168+21 TO 169+50 SOLID LT & RT
168+21 TO 169+34 DOUBLE SOLID RT

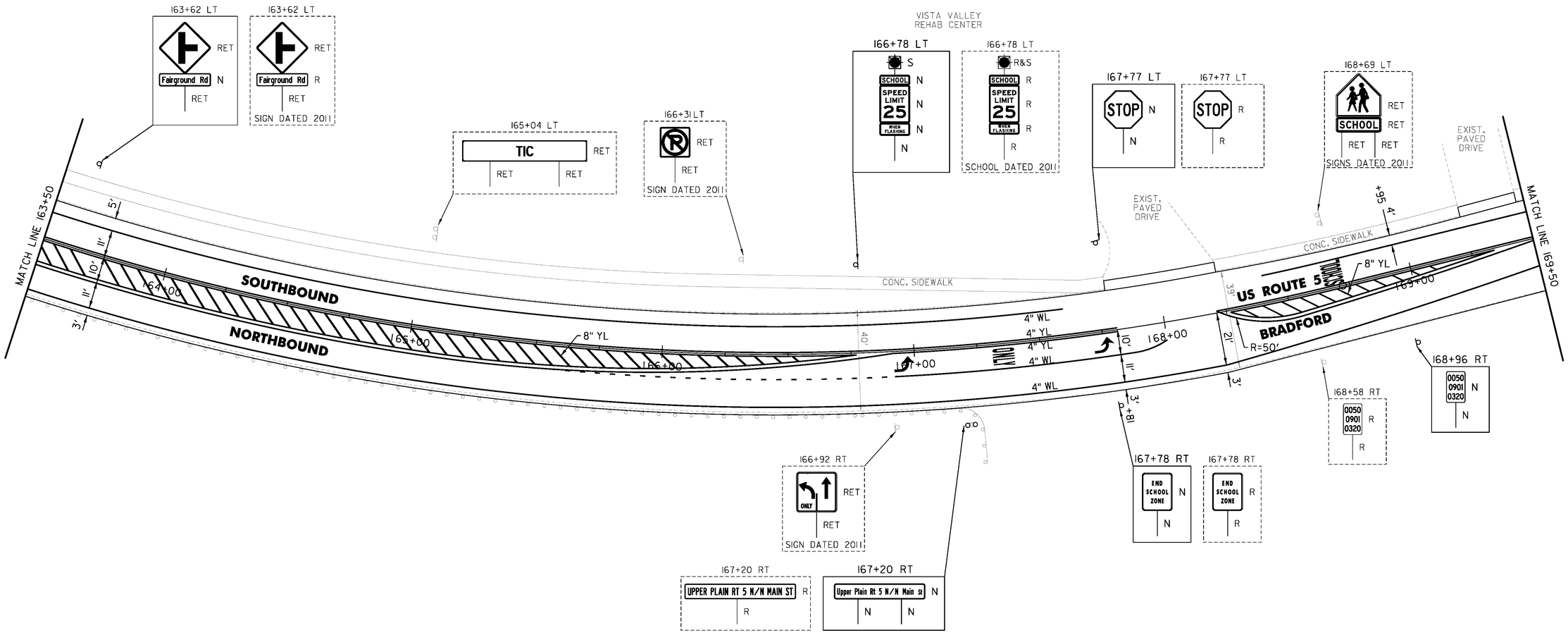
TEMPORARY LETTER OR SYMBOL, PAINT
166+96 RT LEFT TURN ARROW
167+76 RT LEFT TURN ARROW
168+69 LT "SCHOOL"

DURABLE LETTER OR SYMBOL (OPTION ITEM)
166+96 RT LEFT TURN ARROW
167+36 RT "ONLY"
167+76 RT LEFT TURN ARROW
168+69 LT "SCHOOL"

DURABLE 8 INCH YELLOW LINE (OPTION ITEM)
163+50 TO 166+77 RT (DIAGONALS)
168+21 TO 169+34 RT (DIAGONALS)

REMOVING SIGNS
AS SHOWN - 9

ERECTING SALVAGED SIGNS
AS SHOWN - 1 (BEACON)



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 15	SHEET 73 OF 239

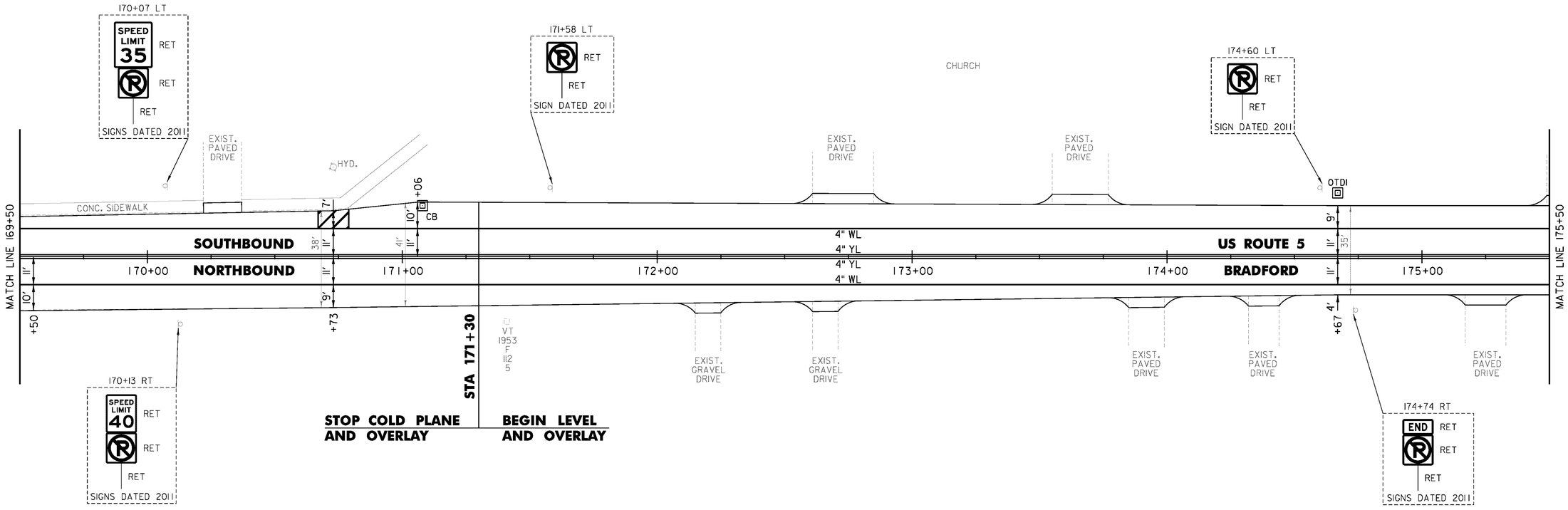
CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
169+50 TO 175+50 SOLID LT & RT
170+67 SOLID LT (NO PARKING)
170+79 SOLID LT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
169+50 TO 175+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
170+67 TO 170+79 SOLID LT (NO PARKING)

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, CLASS II
171+08 LT
174+67 LT (OTDI)



NOT TO SCALE

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PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 16	SHEET 74 OF 239

CLD 14-0278

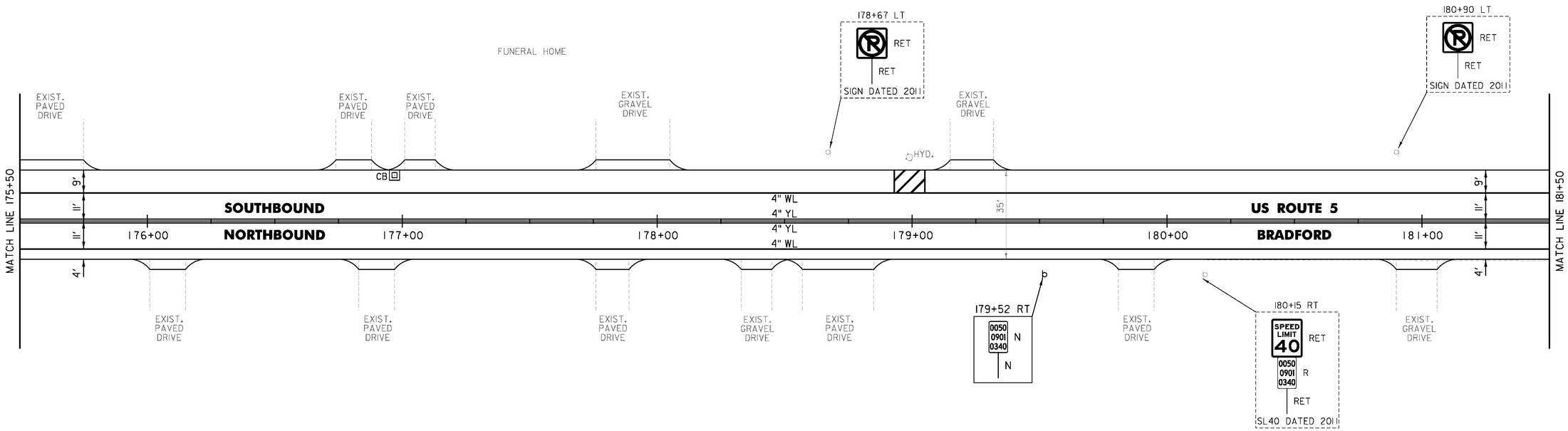
TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
175+50 TO 181+50 SOLID LT & RT
178+93 SOLID LT (NO PARKING)
179+05 SOLID LT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
175+50 TO 181+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
178+93 TO 179+05 SOLID LT (NO PARKING)

REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II
176+97 LT

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 17	SHEET 75 OF 239

CLD 14-0278

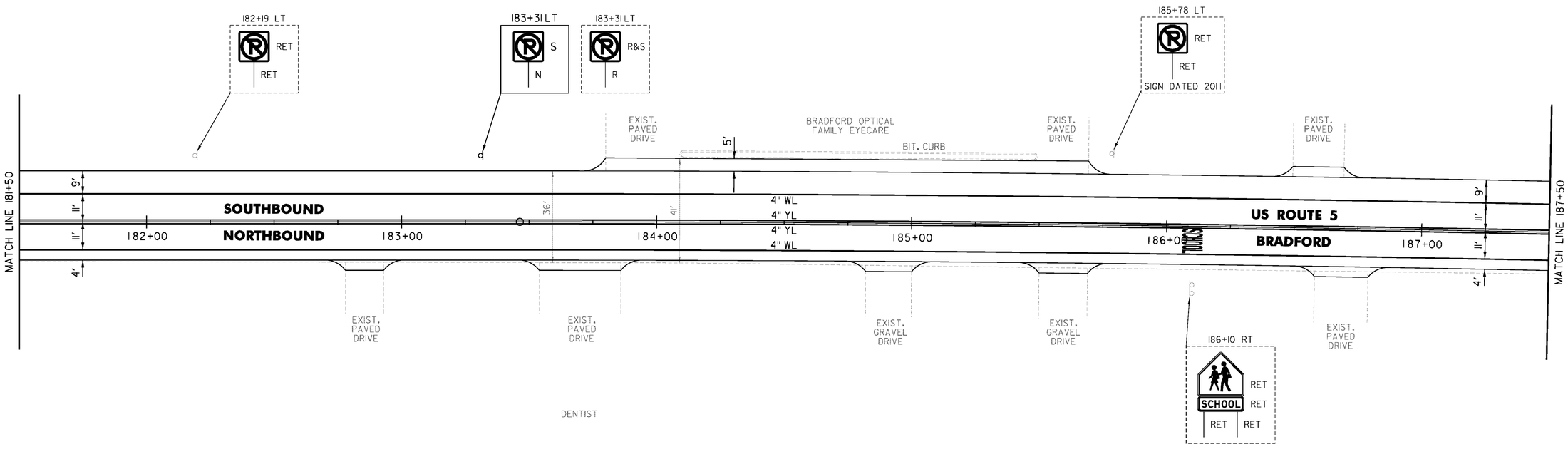
TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
181+50 TO 187+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
181+50 TO 187+50 SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
186+10 RT "SCHOOL"

REMOVING SIGNS
AS SHOWN - 1

ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
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FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 18	SHEET 76 OF 239

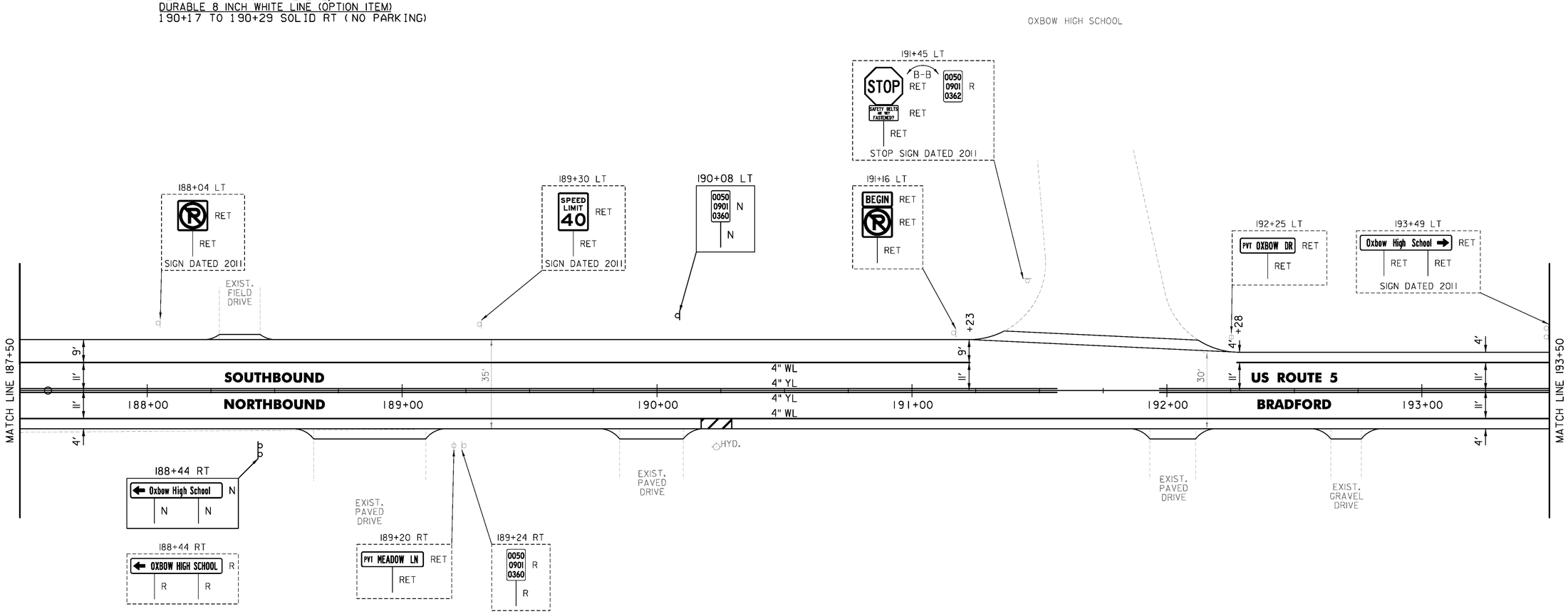
CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
187+50 TO 191+23 SOLID LT
187+50 TO 193+50 SOLID RT
190+17 SOLID RT (NO PARKING)
190+29 SOLID RT (NO PARKING)
192+28 TO 193+50 SOLID LT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
187+50 TO 191+57 SOLID LT & RT
191+97 TO 193+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
190+17 TO 190+29 SOLID RT (NO PARKING)

REMOVING SIGNS
AS SHOWN - 3



NOT TO SCALE

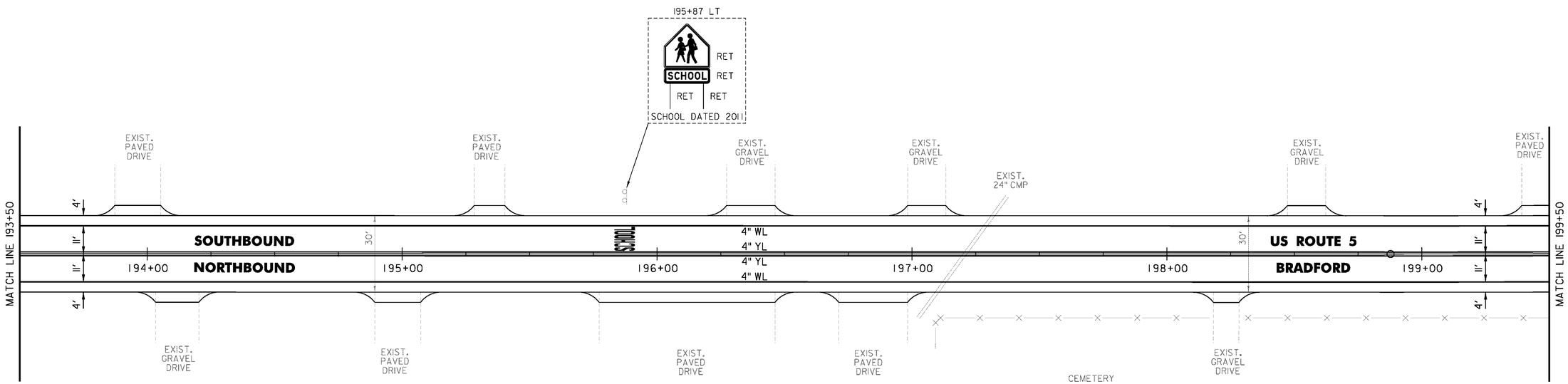
PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 19	SHEET 77 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
193+50 TO 199+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
193+50 TO 199+50 SOLID LT & RT

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
195+87 LT "SCHOOL"



NOT TO SCALE

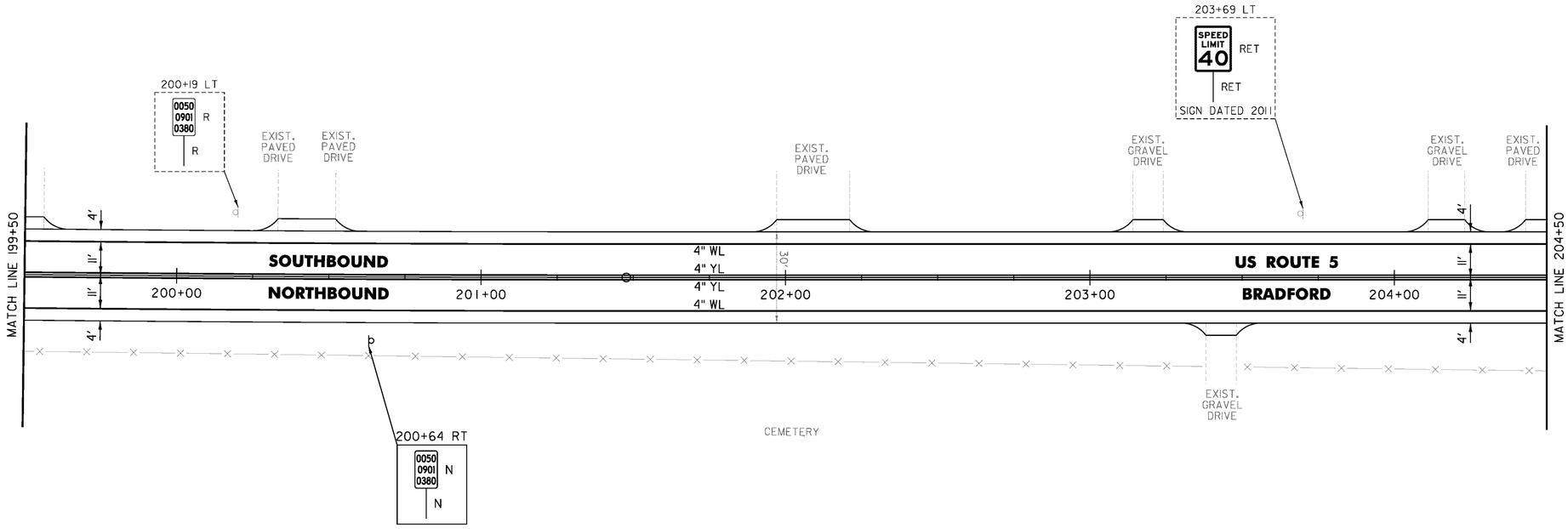
CLD 14-0278

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 20	SHEET 78 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
199+50 TO 204+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
199+50 TO 204+50 SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 21	SHEET 79 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
204+50 TO 205+46 SOLID LT
204+50 TO 210+50 SOLID RT
205+46 TO 205+75 SOLID LT (TH 56)
205+98 TO 206+22 SOLID LT (TH 56)
206+22 TO 210+50 SOLID LT

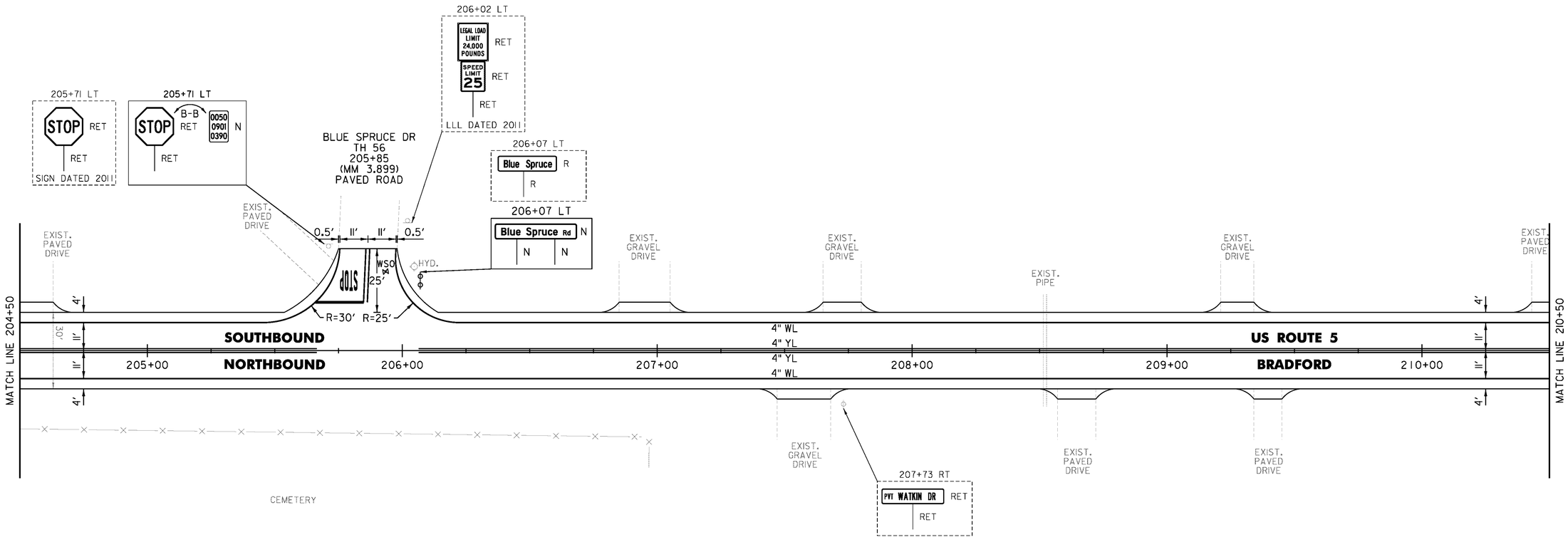
TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
204+50 TO 205+66 SOLID LT & RT
205+86 TO 205+87 DOUBLE SOLID LT (TH 56)
206+06 TO 210+50 SOLID LT & RT

TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
205+66 TO 205+85 LT (TH 56)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
205+79 LT "STOP" (TH 56)

REMOVING SIGNS
AS SHOWN - 1

THINNING AND TRIMMING FOR SIGNS
206+07 LT



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 22	SHEET 80 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
210+50 TO 216+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
210+50 TO 216+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
210+50 TO 212+12 SOLID LT & RT

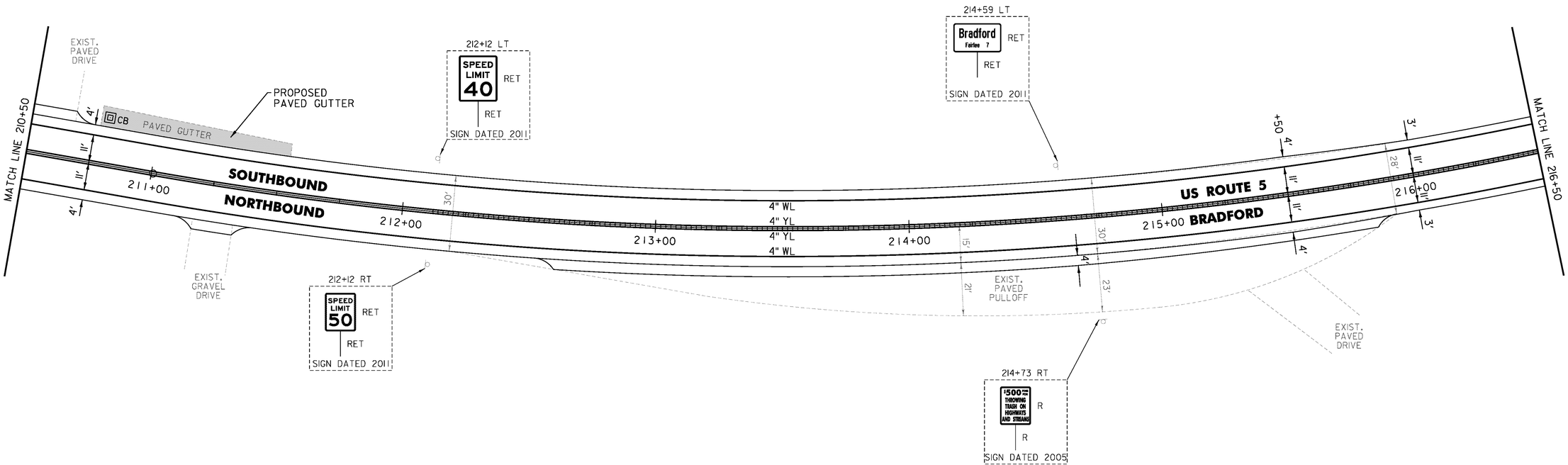
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
212+12 TO 216+50 CL

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, CLASS II
210+80 LT

BITUMINOUS CONCRETE
GUTTERS AND TRAFFIC ISLANDS
210+77 TO 211+54 LT

MILLED RUMBLE STRIPS
212+12 TO 216+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

CLD 14-0278

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 23	SHEET 81 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
216+50 TO 222+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
216+50 TO 222+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
217+68.5 TO 218+43.5 RT
218+90 TO 219+90 LT
219+98 LT (12.5')
220+78.5 TO 221+66 LT
221+74 LT (12.5')
222+43.5 TO 222+50 RT

ANCHOR FOR STEEL BEAM RAIL
3 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
218+06 TO 218+43.5 RT
218+90 TO 219+96 LT
220+78.5 TO 221+72 LT
222+43.5 TO 222+50 RT

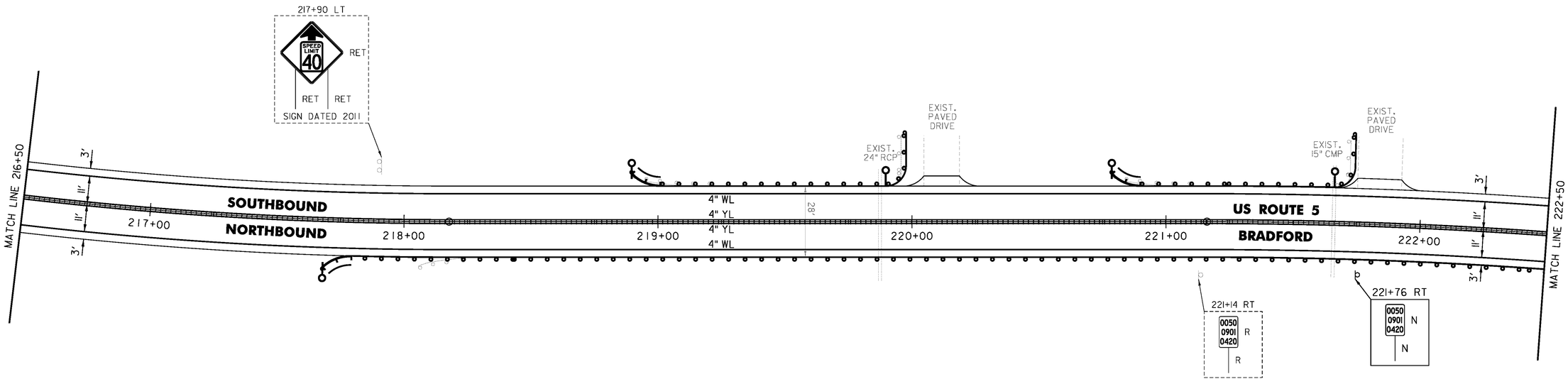
DELINEATOR WITH STEEL POST
217+68.5 RT
218+90 LT
219+90 LT
220+78.5 LT
221+66 LT

SPECIAL PROVISION (STEEL BEAM
GUARDRAIL GALVANIZED) (8 FEET RADIUS)
219+90 LT
221+66 LT

REMOVE AND RESET GUARDRAIL
218+43.5 TO 222+43.5 RT

MILLED RUMBLE STRIPS
216+50 TO 222+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 24	SHEET 82 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
222+50 TO 228+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
222+50 TO 228+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
222+50 TO 222+81 RT
226+01.5 TO 226+39 LT
226+57 TO 226+94.5 RT

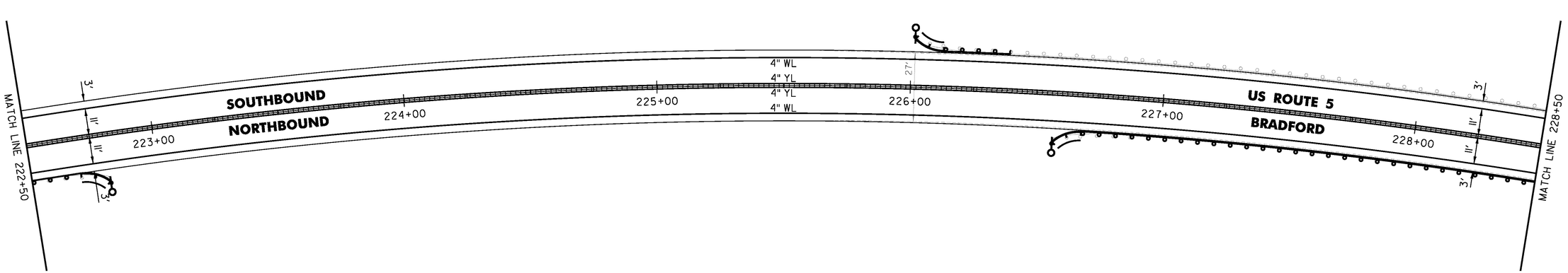
ANCHOR FOR STEEL BEAM RAIL
3 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
222+50 TO 222+81 RT
226+01.5 TO 226+39 LT
226+57 TO 226+94.5 RT

DELINEATOR WITH STEEL POST
222+81 RT
226+01.5 LT
226+57 RT

REMOVE AND RESET GUARDRAIL
226+94.5 TO 228+50 RT

MILLED RUMBLE STRIPS
222+50 TO 228+50 CL



NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 25	SHEET 83 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
228+50 TO 234+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
228+50 TO 231+00 SOLID LT & RT
231+00 TO 234+50 SOLID LT, DASHED RT

STEEL BEAM GUARDRAIL, GALVANIZED
232+19.5 TO 232+57 RT
233+07 TO 233+44.5 RT

ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

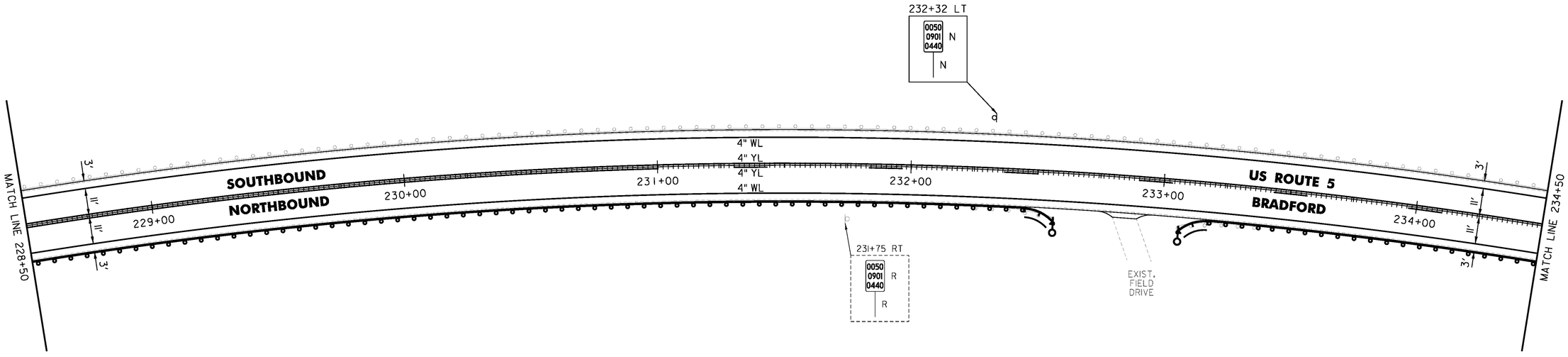
REMOVAL AND DISPOSAL OF GUARDRAIL
232+19.5 TO 232+57 RT
233+07 TO 233+44.5 RT

DELINEATOR WITH STEEL POST
232+57 RT
233+07 RT

REMOVE AND RESET GUARDRAIL
228+50 TO 232+19.5 RT
233+44.5 TO 234+50 RT

MILLED RUMBLE STRIPS
228+50 TO 234+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 26	SHEET 84 OF 239

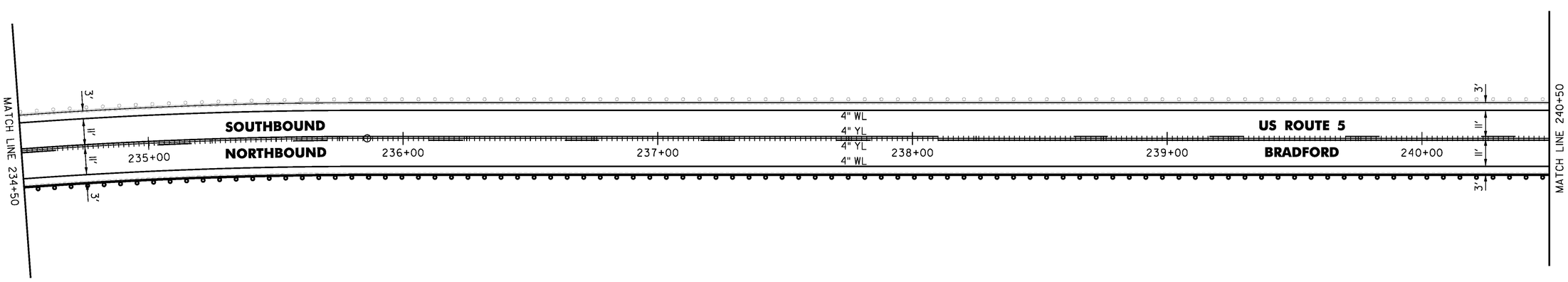
CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
234+50 TO 240+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
234+50 TO 238+10 SOLID LT, DASHED RT
238+10 TO 240+50 DASHED LT, SOLID RT

REMOVE AND RESET GUARDRAIL
234+50 TO 240+50 RT

MILLED RUMBLE STRIPS
234+50 TO 240+50 CL



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 27	SHEET 85 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
240+50 TO 246+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
240+50 TO 246+00 DASHED LT, SOLID RT
246+00 TO 246+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
241+64.5 TO 242+02 LT
242+19.5 TO 242+57 RT
245+77.5 TO 246+15 RT
246+27.5 TO 246+50 LT

ANCHOR FOR STEEL BEAM RAIL
4 (SEE STANDARD G-1d)

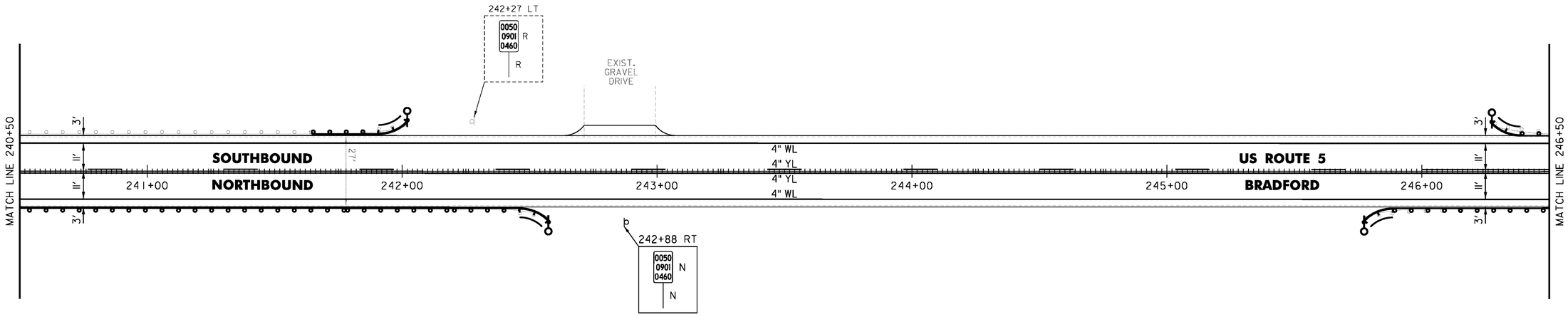
REMOVAL AND DISPOSAL OF GUARDRAIL
241+64.5 TO 242+02 LT
242+19.5 TO 242+57 RT
245+79 TO 246+16.5 RT
246+28 TO 246+50 LT

DELINEATOR WITH STEEL POST
242+02 LT
242+57 RT
245+77.5 RT
246+27.5 LT

REMOVE AND RESET GUARDRAIL
240+50 TO 242+19.5 RT
246+16.5 TO 246+50 RT

MILLED RUMBLE STRIPS
240+50 TO 246+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

CLD 14-0278

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 28	SHEET 86 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
246+50 TO 252+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
246+50 TO 252+40 SOLID LT & RT
252+40 TO 252+50 SOLID LT, DASHED RT

STEEL BEAM GUARDRAIL, GALVANIZED
246+50 TO 247+90 LT
249+91.5 TO 250+28.5 RT
250+70 TO 251+07.5 RT

ANCHOR FOR STEEL BEAM RAIL
3 (SEE STANDARD G-1d)

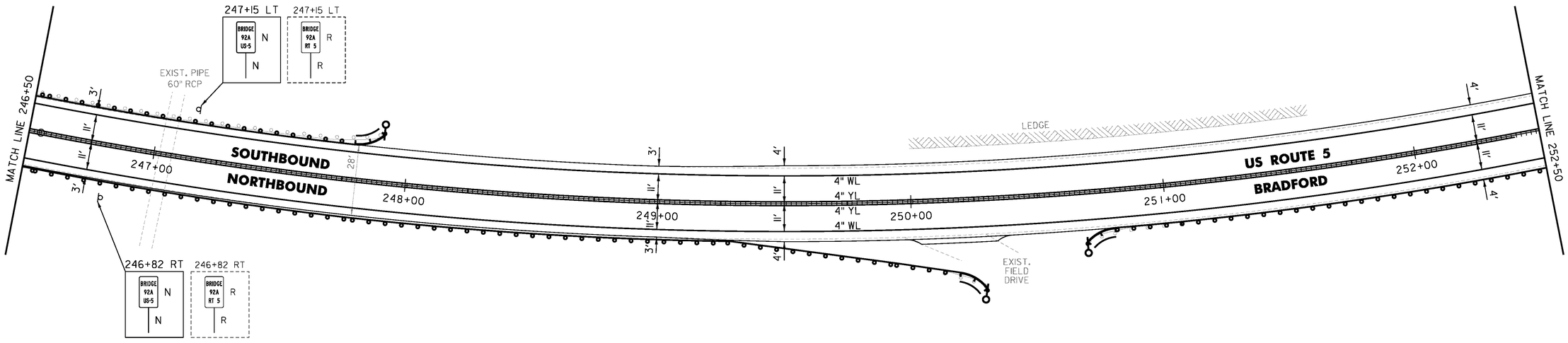
REMOVAL AND DISPOSAL OF GUARDRAIL
246+50 TO 247+89 LT
249+91.5 TO 250+28.5 RT
250+70 TO 251+07.5 RT

DELINEATOR WITH STEEL POST
247+90 LT
250+28.5 RT
250+70 RT

REMOVE AND RESET GUARDRAIL
246+50 TO 249+91.5 RT
251+07.5 TO 252+50 RT

MILLED RUMBLE STRIPS
246+50 TO 252+50 CL

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 29	SHEET 87 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
252+50 TO 258+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
252+50 TO 258+50 SOLID LT, DASHED RT

STEEL BEAM GUARDRAIL, GALVANIZED
253+07 TO 253+44.5 LT
258+02.5 LT (12.5')
258+20 TO 258+50 RT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
253+07 TO 253+44.5 LT
257+94.5 TO 258+00 LT
258+20 TO 258+50 RT

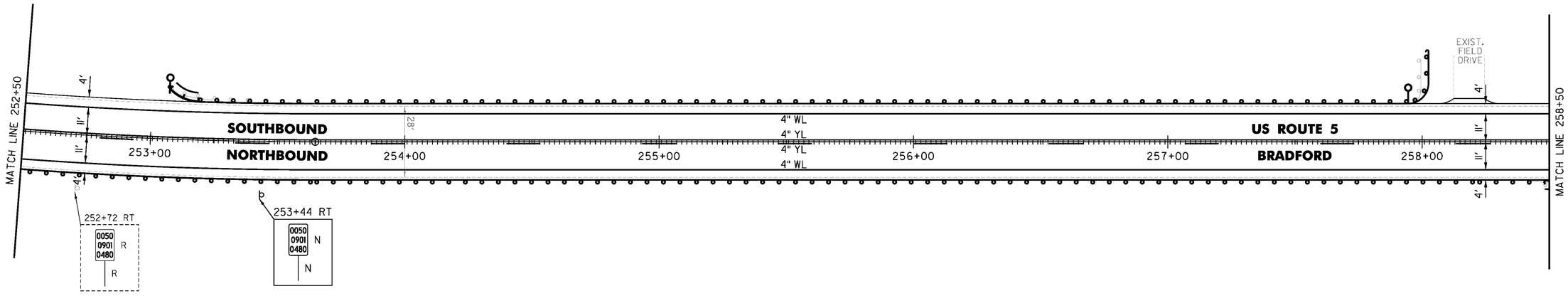
DELINEATOR WITH STEEL POST
253+07 LT
257+94.5 LT

SPECIAL PROVISION (STEEL BEAM
GUARDRAIL GALVANIZED) (8 FEET RADIUS)
257+94.5 LT

REMOVE AND RESET GUARDRAIL
252+50 TO 258+20 RT
253+44.5 TO 257+94.5 LT

MILLED RUMBLE STRIPS
252+50 TO 258+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 30	SHEET 88 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
258+50 TO 264+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
258+50 TO 260+30 SOLID LT, DASHED RT
260+30 TO 264+50 DASHED CL

STEEL BEAM GUARDRAIL, GALVANIZED
258+50 TO 258+57.5 RT
263+04.5 TO 263+42 LT
263+70.5 TO 264+08 RT

ANCHOR FOR STEEL BEAM RAIL
3 (SEE STANDARD G-1d)

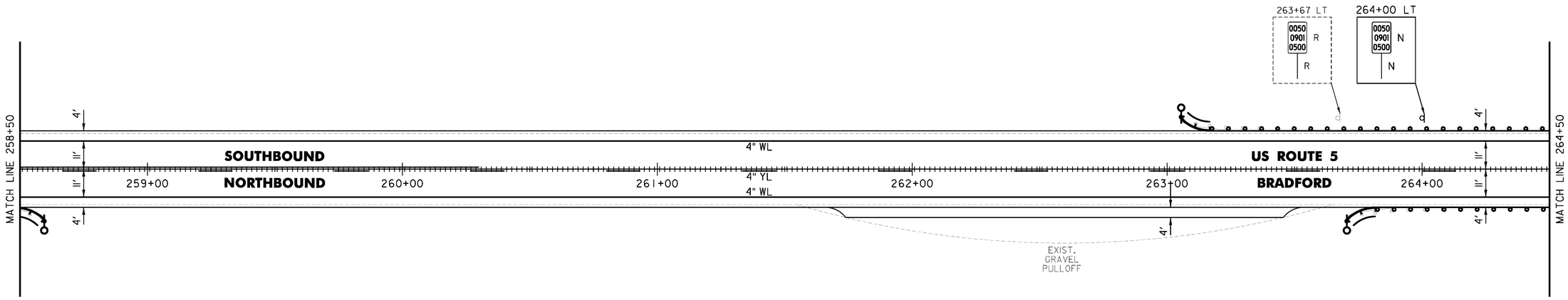
REMOVAL AND DISPOSAL OF GUARDRAIL
258+50 TO 258+57.5 RT
263+04.5 TO 263+42 LT
263+70.5 TO 264+08 RT

DELINEATOR WITH STEEL POST
258+57.5 RT
263+04.5 LT
263+70.5 RT

REMOVE AND RESET GUARDRAIL
263+42 TO 264+50 LT
264+08 TO 264+50 RT

MILLED RUMBLE STRIPS
258+50 TO 264+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 31	SHEET 89 OF 239

CLD 14-0278

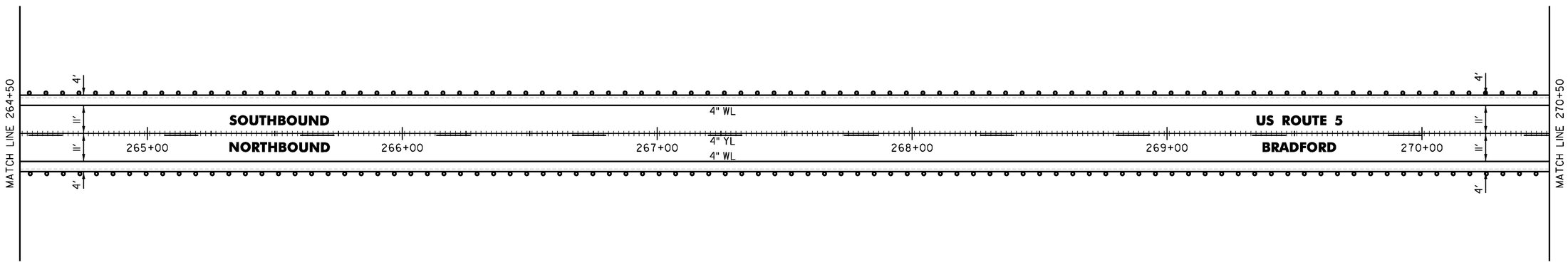
TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
264+50 TO 270+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
264+50 TO 270+50 DASHED CL

REMOVE AND RESET GUARDRAIL
264+50 TO 270+50 LT
264+50 TO 270+50 RT

MILLED RUMBLE STRIPS
264+50 TO 270+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

CLD 14-0278

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 32	SHEET 90 OF 239

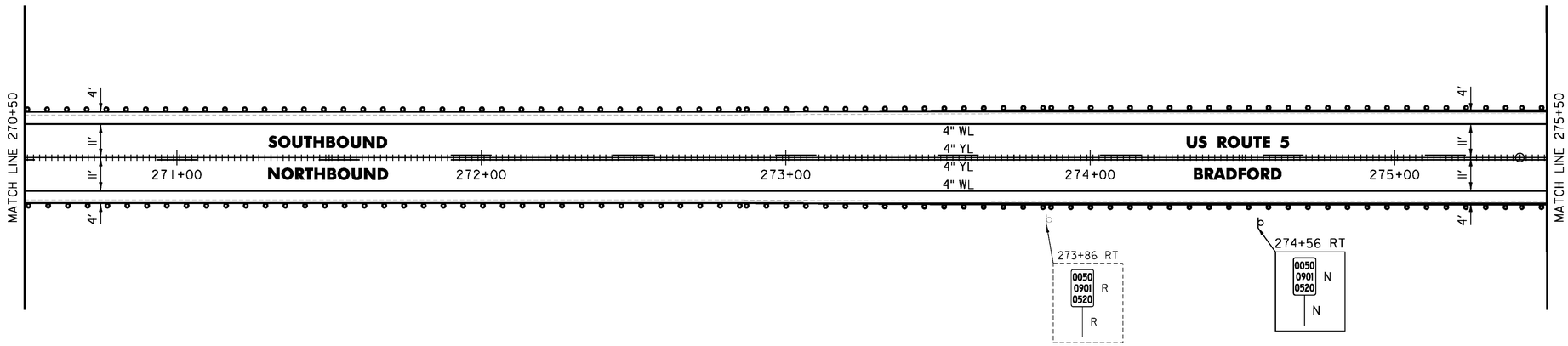
TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
270+50 TO 275+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
270+50 TO 271+90 DASHED CL
271+90 TO 275+50 DASHED LT, SOLID RT

REMOVE AND RESET GUARDRAIL
270+50 TO 275+50 LT
270+50 TO 275+50 RT

MILLED RUMBLE STRIPS
270+50 TO 275+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 33	SHEET 91 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
275+50 TO 276+39 SOLID LT
275+50 TO 281+50 SOLID RT
276+39 TO 276+69 SOLID LT (TH 17)
276+91 TO 277+17 SOLID LT (TH 17)
277+17 TO 281+50 SOLID LT

TEMPORARY 4 INCH YELLOW LINE, PAINT
275+50 TO 276+58 DASHED LT, SOLID RT
276+78 TO 276+81 DOUBLE SOLID LT (TH 17)
276+98 TO 281+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
276+78 TO 276+81 DOUBLE SOLID LT (TH 17)

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
275+50 TO 276+58 DASHED LT, SOLID RT
276+98 TO 281+50 SOLID LT & RT

TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
276+55 TO 276+77 LT (TH 17)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
276+71 LT 'STOP' (TH 17)

STEEL BEAM GUARDRAIL, GALVANIZED
275+92 TO 276+29.5 LT
277+20.5 TO 277+58 LT
277+33 TO 277+58 RT
278+85.5 TO 279+10.5 RT

GUARDRAIL APPROACH SECTION, GALV HD STEEL BEAM
277+58 TO 277+83 RT
278+60.5 TO 278+85.5 RT

ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

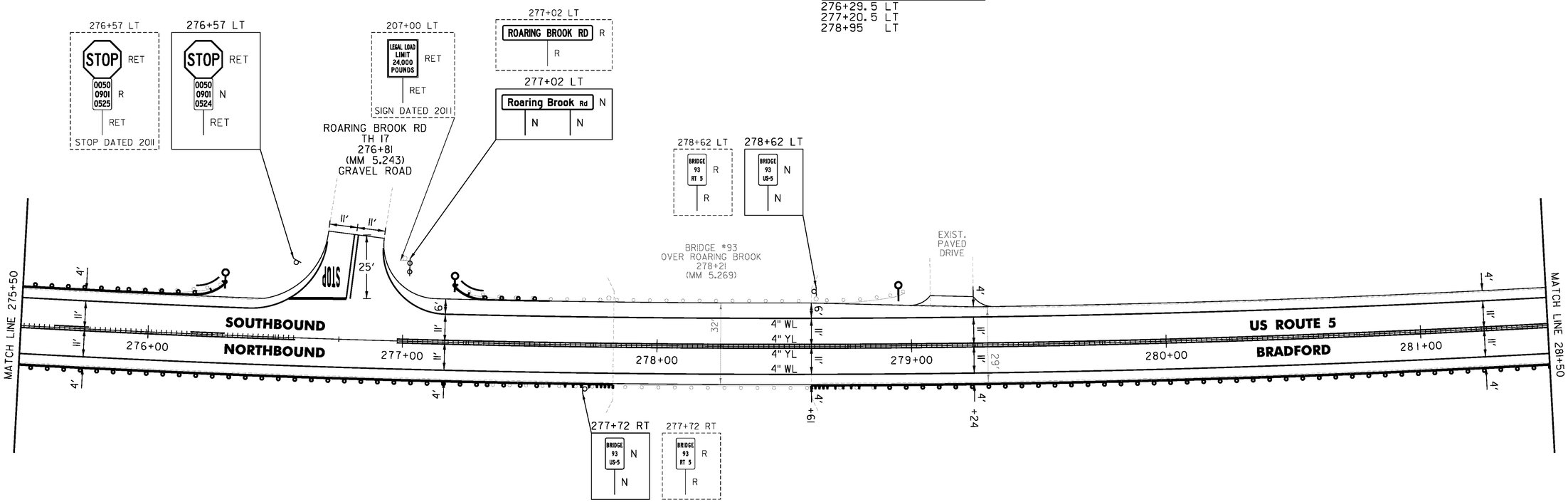
REMOVAL AND DISPOSAL OF GUARDRAIL
275+92 TO 276+29.5 LT
277+20.5 TO 277+58 LT
277+33 TO 277+83 RT
278+60.5 TO 279+10.5 RT

DELINEATOR WITH STEEL POST
276+29.5 LT
277+20.5 LT
278+95 LT

REMOVE AND RESET GUARDRAIL
275+50 TO 275+92 LT
275+50 TO 277+33 RT
279+10.5 TO 281+50 RT

MILLED RUMBLE STRIPS
275+50 TO 276+58 CL
276+98 TO 281+50 CL

REMOVING SIGNS
AS SHOWN - 4



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 34	SHEET 92 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
281+50 TO 287+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
281+50 TO 283+50 SOLID LT & RT
283+50 TO 287+50 SOLID LT, DASHED RT

STEEL BEAM GUARDRAIL, GALVANIZED
282+32.5 TO 282+70 LT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

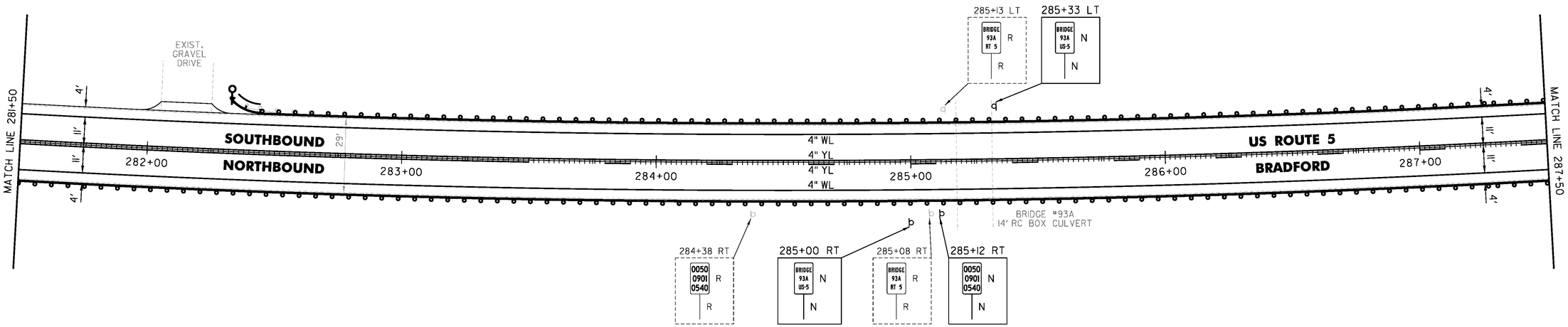
REMOVAL AND DISPOSAL OF GUARDRAIL
282+32.5 TO 282+70 LT

DELINEATOR WITH STEEL POST
282+32.5 LT

REMOVE AND RESET GUARDRAIL
281+50 TO 287+50 RT
282+70 TO 287+50 LT

MILLED RUMBLE STRIPS
281+50 TO 287+50 CL

REMOVING SIGNS
AS SHOWN - 3



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 35	SHEET 93 OF 239

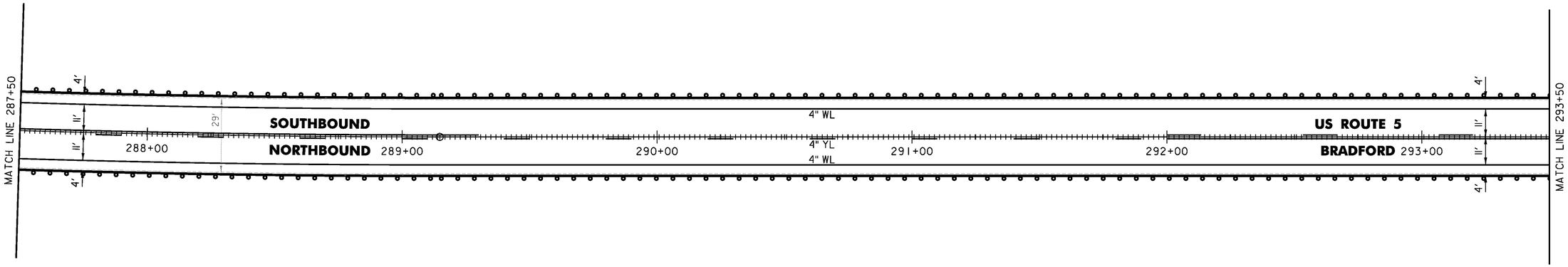
CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
287+50 TO 293+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
287+50 TO 289+30 SOLID LT, DASHED RT
289+30 TO 292+00 DASHED CL
292+00 TO 293+50 DASHED LT, SOLID RT

REMOVE AND RESET GUARDRAIL
287+50 TO 293+50 RT
287+50 TO 293+50 LT

MILLED RUMBLE STRIPS
287+50 TO 293+50 CL



NOT TO SCALE

CLD 14-0278

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 36	SHEET 94 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
293+50 TO 295+04 SOLID LT
293+50 TO 299+50 SOLID RT
295+84 TO 299+50 SOLID LT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
293+50 TO 295+24 DASHED LT, SOLID RT
295+64 TO 299+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
294+57.5 TO 294+95 LT
294+85.5 TO 295+23 RT

ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

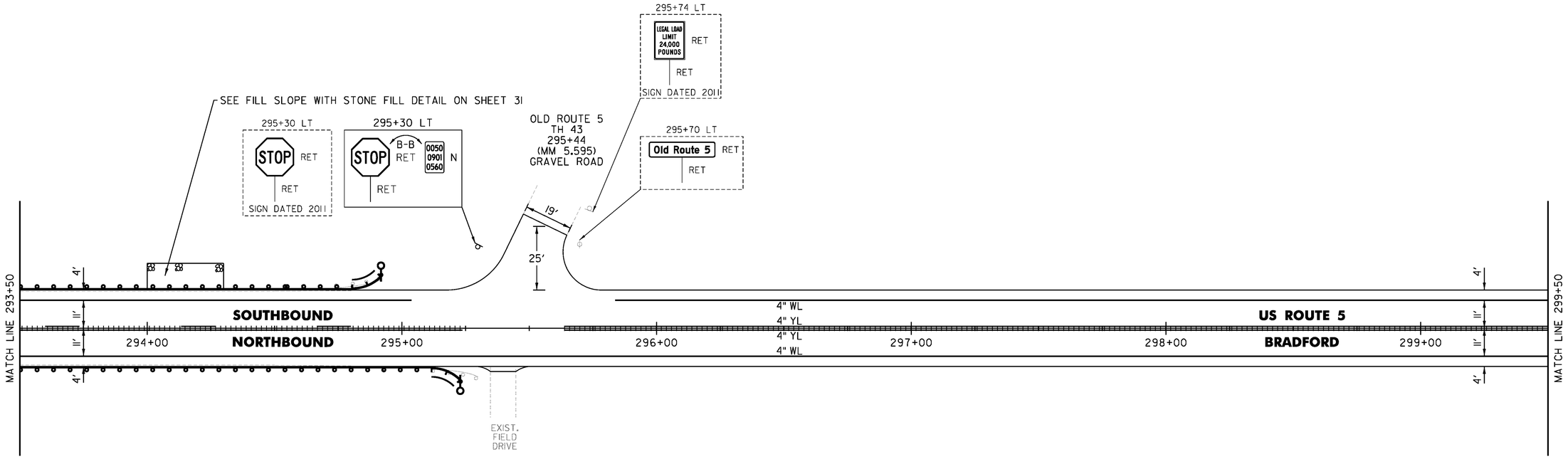
REMOVAL AND DISPOSAL OF GUARDRAIL
294+57.5 TO 294+95 LT
294+85.5 TO 295+23 RT

DELINEATOR WITH STEEL POST
294+95 LT
295+23 RT

REMOVE AND RESET GUARDRAIL
293+50 TO 294+85.5 RT
293+50 TO 294+57.5 LT

MILLED RUMBLE STRIPS
293+50 TO 295+24 CL
295+64 TO 299+50 CL

GRUBBING MATERIAL (6")
STONE FILL, TYPE I
294+00 TO 294+30 LT



NOT TO SCALE

CLD 14-0278

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 37	SHEET 95 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
299+50 TO 303+67 SOLID LT
299+50 TO 305+50 SOLID RT
304+47 TO 305+50 SOLID LT

TEMPORARY 4 INCH YELLOW LINE, PAINT
299+50 TO 303+87 SOLID LT & RT
304+27 TO 305+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
303+50 TO 303+87 SOLID LT & RT
304+27 TO 305+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
299+50 TO 303+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
303+63.5 TO 304+01 RT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
303+63.5 TO 304+01 RT

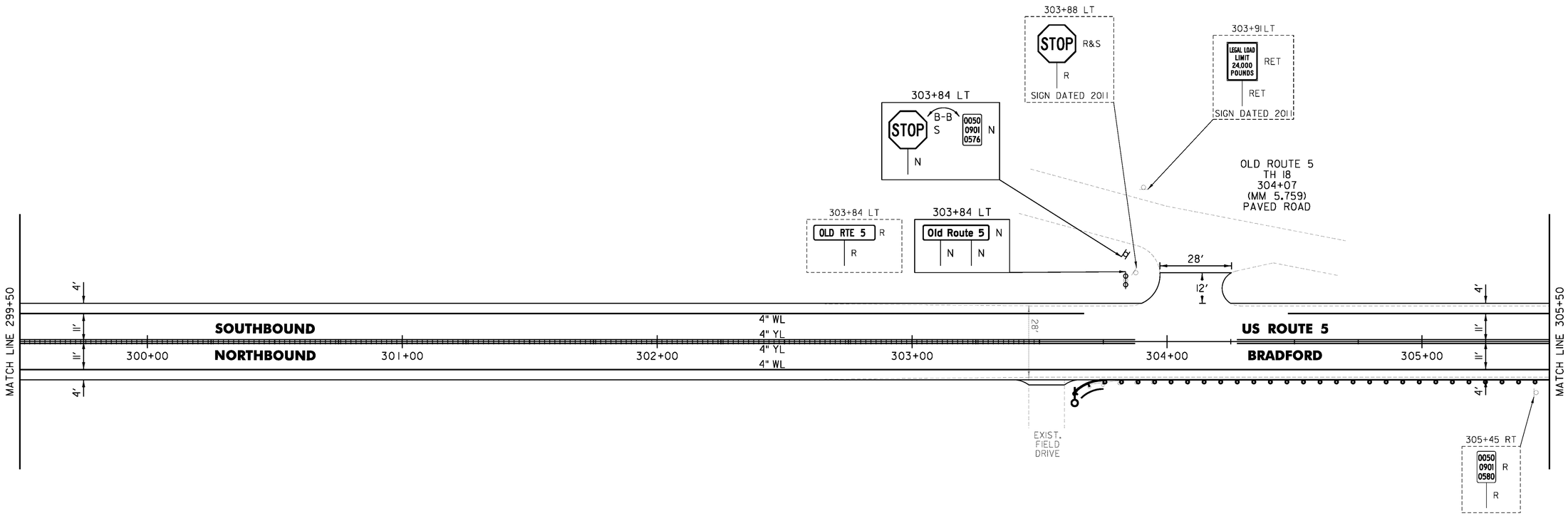
DELINEATOR WITH STEEL POST
303+63.5 RT

REMOVE AND RESET GUARDRAIL
304+01 TO 305+50 RT

MILLED RUMBLE STRIPS
299+50 TO 303+50 CL

REMOVING SIGNS
AS SHOWN - 3

ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 38	SHEET 96 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
305+50 TO N 2+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
305+50 TO 308+30 SOLID LT & RT
308+30 TO N 2+50 DASHED LT, SOLID RT

STEEL BEAM GUARDRAIL, GALVANIZED
307+72.5 TO 308+10 LT
N 0+24 TO N 0+61.5 RT
N 0+93.5 TO N 1+31 RT

ANCHOR FOR STEEL BEAM RAIL
3 (SEE STANDARD G-1d)

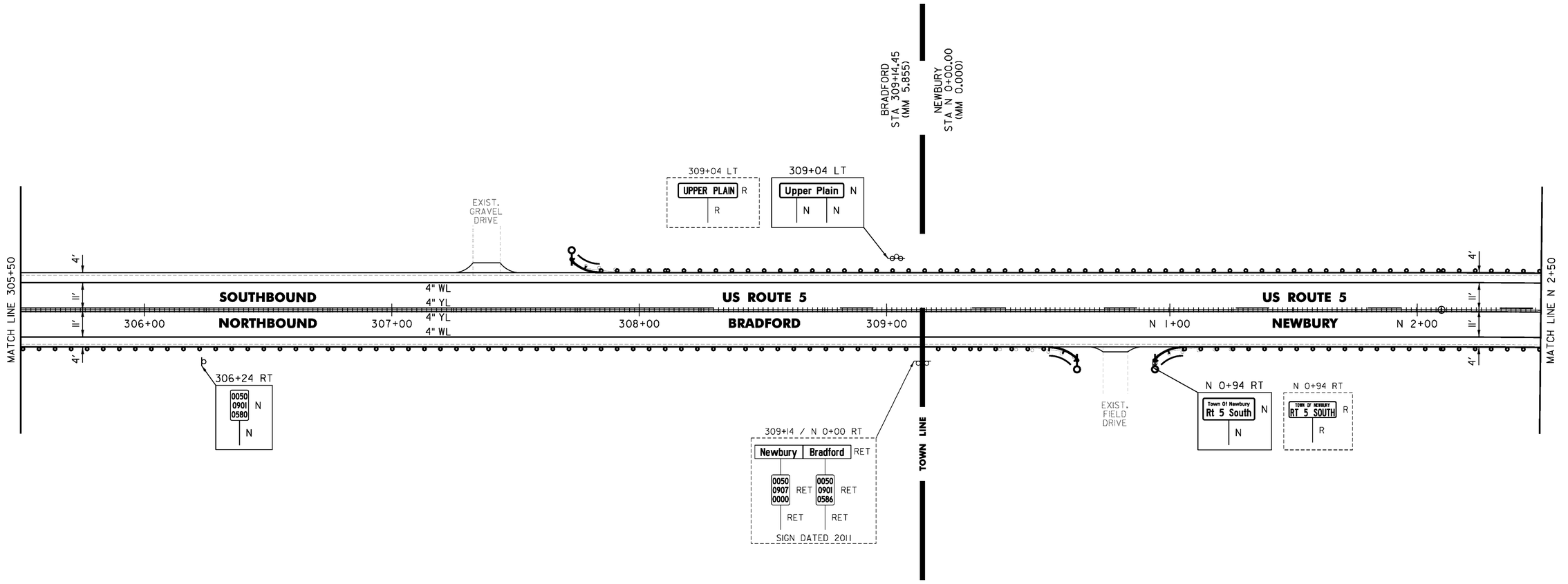
REMOVAL AND DISPOSAL OF GUARDRAIL
307+72.5 TO 308+10 LT
N 0+24 TO N 0+62 RT
N 0+93.5 TO N 1+31 RT

DELINEATOR WITH STEEL POST
307+72.5 LT
N 0+61.5 RT
N 0+93.5 RT

REMOVE AND RESET GUARDRAIL
305+50 TO N 0+24 RT
308+10 TO N 2+50 LT
N 1+31 TO N 2+50 RT

MILLED RUMBLE STRIPS
305+50 TO N 2+50 CL

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 39	SHEET 97 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 2+50 TO N 8+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
N 2+50 TO N 6+60 DASHED LT, SOLID RT
N 6+60 TO N 8+20 SOLID LT & RT
N 8+20 TO N 8+50 SOLID LT, DASHED RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 5+50 TO N 6+60 DASHED LT, SOLID RT
N 6+60 TO N 7+75 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 2+50 TO N 5+50 DASHED LT, SOLID RT
N 7+75 TO N 8+20 SOLID LT & RT
N 8+20 TO N 8+50 SOLID LT, DASHED RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 3+95.5 TO N 4+33 LT
N 4+18.5 TO N 4+56 RT

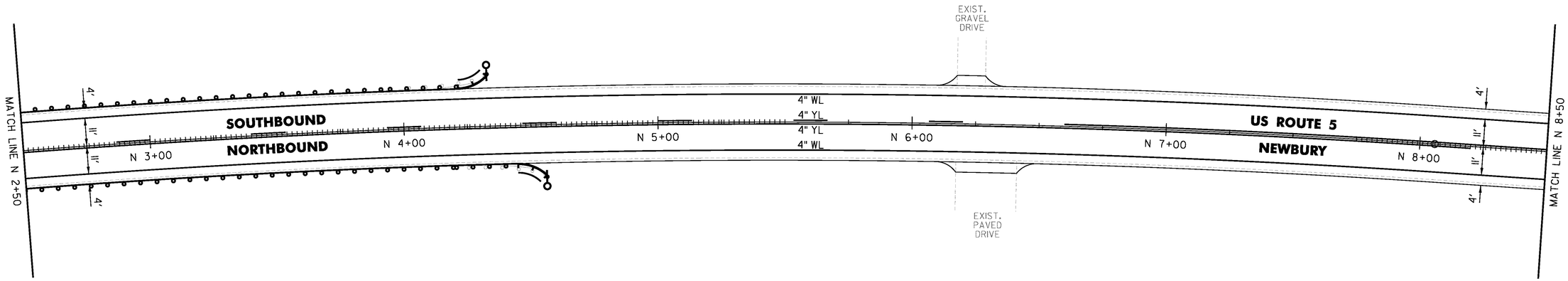
ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 3+95.5 TO N 4+33 LT
N 4+18.5 TO N 4+56 RT

DELINEATOR WITH STEEL POST
N 4+33 LT
N 4+56 RT

REMOVE AND RESET GUARDRAIL
N 2+50 TO N 4+18.5 RT
N 2+50 TO N 3+95.5 LT

MILLED RUMBLE STRIPS
N 2+50 TO N 5+50 CL
N 7+75 TO N 8+50 CL



NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 40	SHEET 98 OF 239

CLD 14-0278

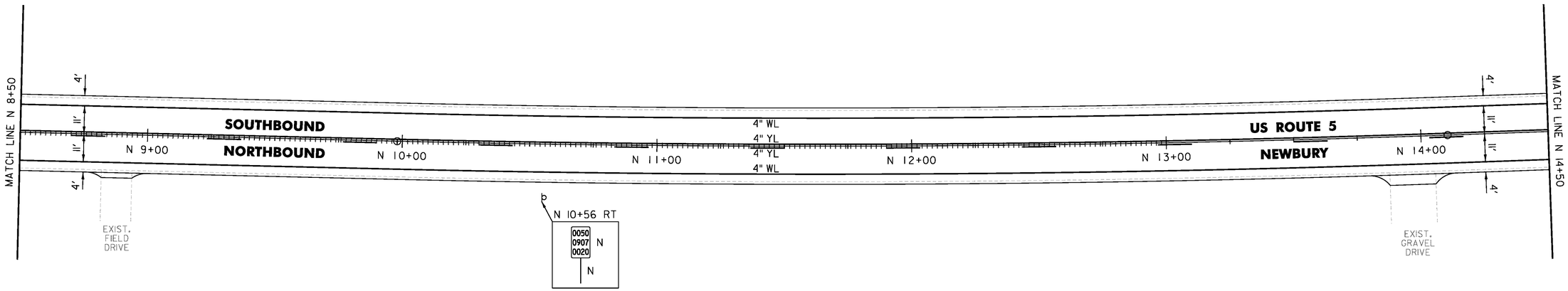
TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 8+50 TO N 14+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
N 8+50 TO N 14+50 SOLID LT, DASHED RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 13+00 TO N 14+50 SOLID LT, DASHED RT

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 8+50 TO N 13+00 SOLID LT, DASHED RT

MILLED RUMBLE STRIPS
N 8+50 TO N 13+00 CL



NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 41	SHEET 99 OF 239

CLD 14-0278

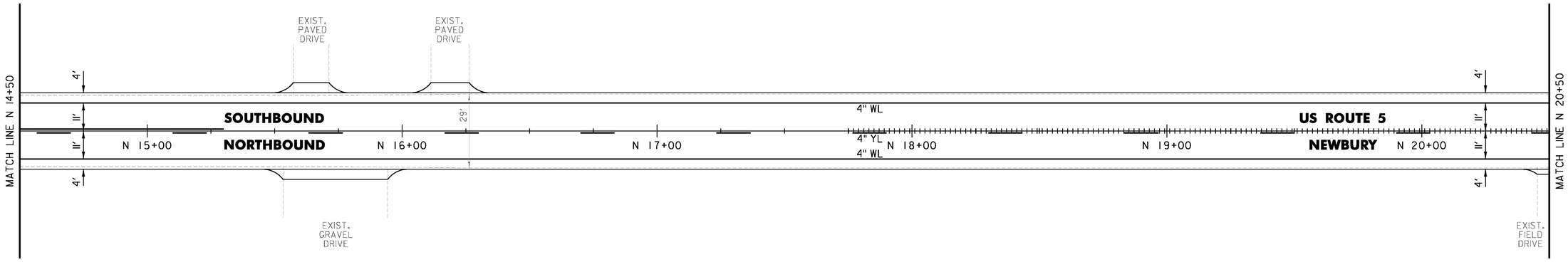
TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 14+50 TO N 20+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
N 14+50 TO N 15+30 SOLID LT, DASHED RT
N 15+30 TO N 20+50 DASHED CL

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 14+50 TO N 15+30 SOLID LT, DASHED RT
N 15+30 TO N 17+75 DASHED CL

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 17+75 TO N 20+50 DASHED CL

MILLED RUMBLE STRIPS
N 17+75 TO N 20+50 CL



NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
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FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 42	SHEET 100 OF 239

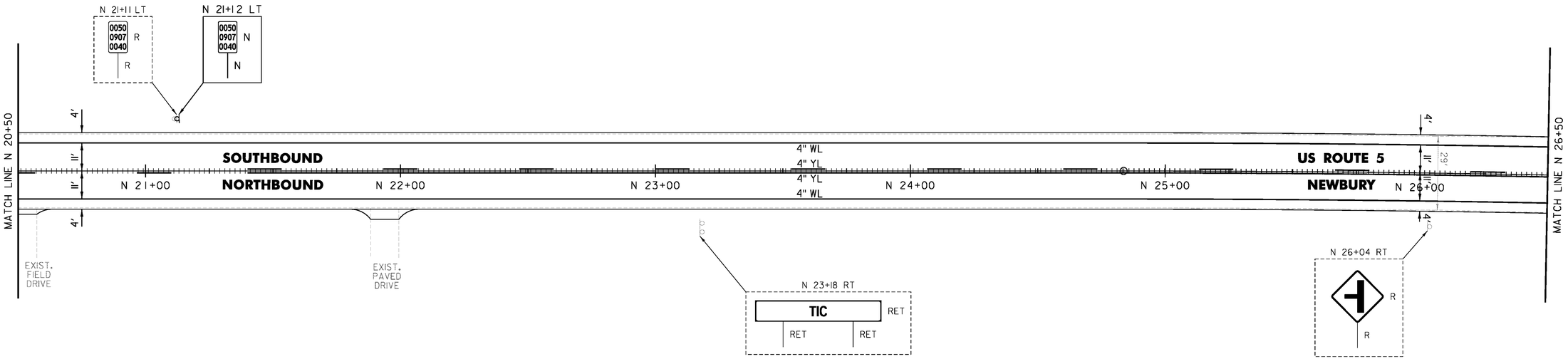
CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 20+50 TO N 26+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 20+50 TO N 21+40 DASHED CL
N 21+40 TO N 26+50 DASHED LT, SOLID RT

MILLED RUMBLE STRIPS
N 20+50 TO N 26+50 CL

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

CLD 14-0278

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 43	SHEET 101 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 26+50 TO N 32+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
N 26+50 TO N 29+00 DASHED LT, SOLID RT
N 29+00 TO N 32+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 28+25 TO N 29+00 DASHED LT, SOLID RT
N 29+00 TO N 32+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 26+50 TO N 28+25 DASHED LT, SOLID RT

REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II
N 29+45 RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 27+83.5 TO N 27+95 RT
N 29+20 TO N 29+57.5 RT

ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

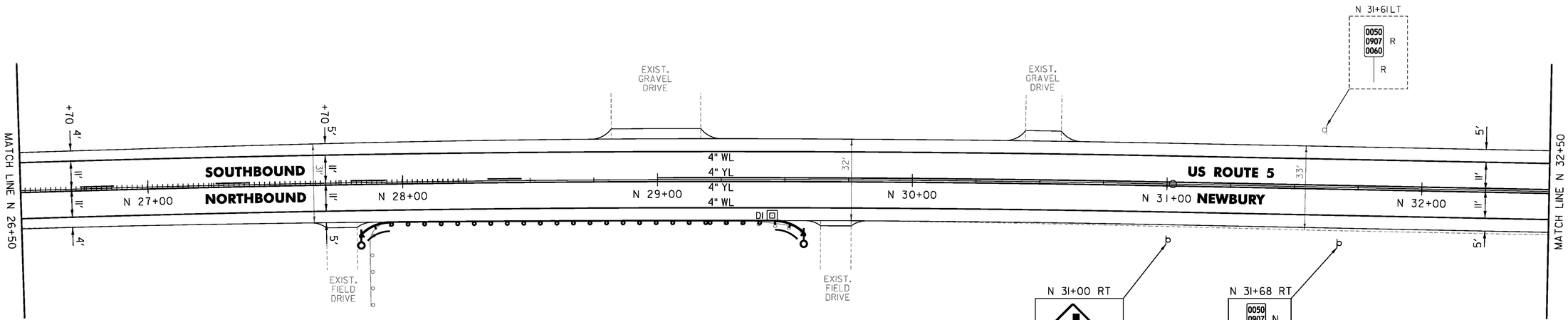
REMOVAL AND DISPOSAL OF GUARDRAIL
N 27+89 TO N 27+95 RT
N 29+19.5 TO N 29+57 RT

DELINEATOR WITH STEEL POST
N 27+83.5 RT
N 29+57.5 RT

REMOVE AND RESET GUARDRAIL
N 27+94.5 TO N 29+19.5 RT

MILLED RUMBLE STRIPS
N 26+50 TO N 28+25 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 44	SHEET 102 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 32+50 TO N 34+97 SOLID LT
N 32+50 TO N 38+50 SOLID RT
N 34+97 TO N 35+53 SOLID LT (TH 84)
N 35+93 TO N 36+18 SOLID LT (TH 84)
N 36+18 TO N 38+50 SOLID LT

TEMPORARY 4 INCH YELLOW LINE, PAINT
N 32+50 TO N 35+50 SOLID LT & RT
N 35+70 TO N 35+73 DOUBLE SOLID LT (TH 84)
N 35+90 TO N 38+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 32+50 TO N 35+50 SOLID LT & RT
N 35+70 TO N 35+73 DOUBLE SOLID LT (TH 84)
N 35+90 TO N 37+00 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 37+00 TO N 38+50 SOLID LT & RT

TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
N 35+27 TO N 35+69 LT (TH 84)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
N 35+59 LT "STOP" (TH 84)

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, CLASS II
N 36+54 RT

~~GRUBBING MATERIAL (6")~~
~~STONE FILL, TYPE I~~
~~N 34+95 TO N 35+75 RT~~

BITUMINOUS CONCRETE
GUTTERS AND TRAFFIC ISLANDS
N 36+02 TO N 36+42 LT

STEEL BEAM GUARDRAIL, GALVANIZED
N 33+45.5 TO N 33+83 LT
N 34+17 TO N 34+54.5 RT
N 35+38 TO N 35+71 LT
N 36+75 RT (12.5)

ANCHOR FOR STEEL BEAM RAIL
3 (SEE STANDARD G-1d)

REMOVE AND RESET GUARDRAIL
N 34+54.5 TO N 36+67 RT

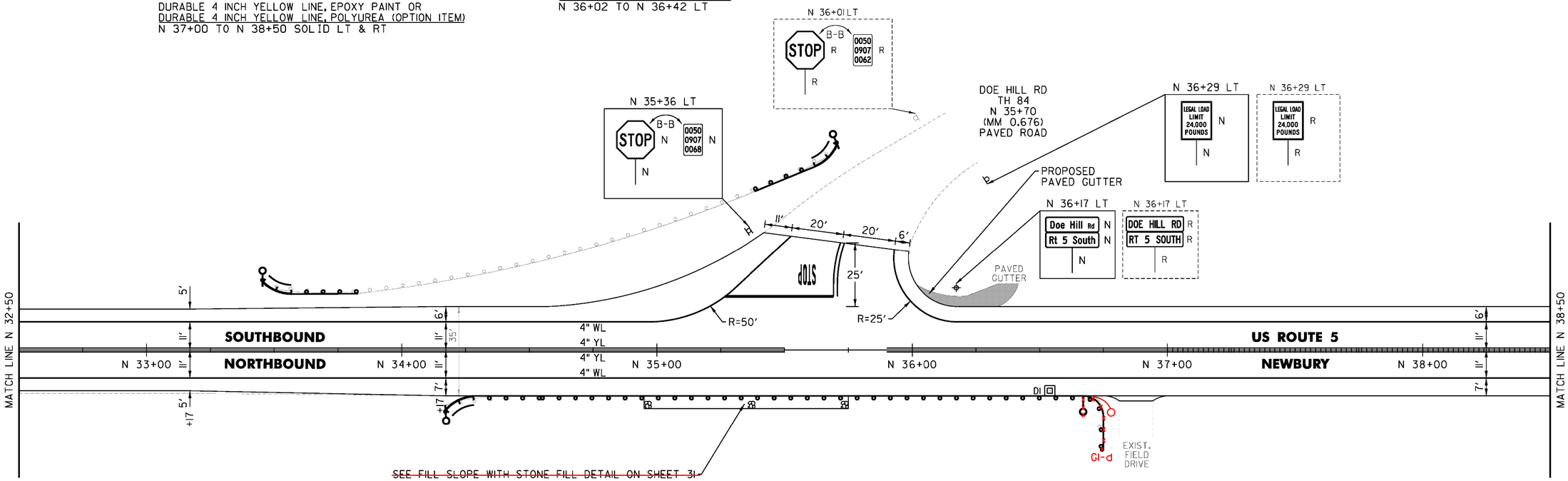
REMOVAL AND DISPOSAL OF GUARDRAIL
N 33+45.5 TO N 33+83 LT
N 34+17 TO N 34+54.5 RT
N 35+38 TO N 35+71 LT
N 36+67 TO N 36+74 RT

DELINEATOR WITH STEEL POST
N 33+45.5 LT
N 34+17 RT
N 35+71 LT
N 36+67 RT

SPECIAL PROVISION (STEEL BEAM
GUARDRAIL GALVANIZED) (8 FEET RADIUS)
N 36+67 RT

MILLED RUMBLE STRIPS
N 37+00 TO N 38+50 CL

REMOVING SIGNS
AS SHOWN - 5



NOT TO SCALE

CLD 14-0278

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 45	SHEET 103 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 38+50 TO N 44+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 38+50 TO N 40+40 SOLID LT & RT
N 40+40 TO N 44+50 DASHED LT, SOLID RT

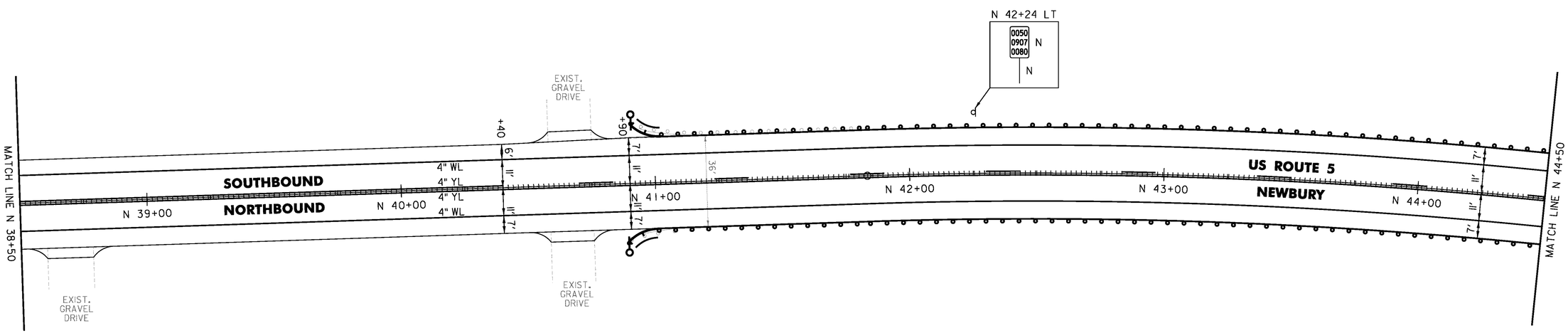
STEEL BEAM GUARDRAIL, GALVANIZED
N 40+89 TO N 44+50 RT
N 40+91 TO N 44+50 LT

ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 40+89 TO N 44+50 RT
N 40+94 TO N 44+50 LT

DELINEATOR WITH STEEL POST
N 40+89 RT
N 40+91 LT

MILLED RUMBLE STRIPS
N 38+50 TO N 44+50 CL



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 46	SHEET 104 OF 239

CLD 14-0278

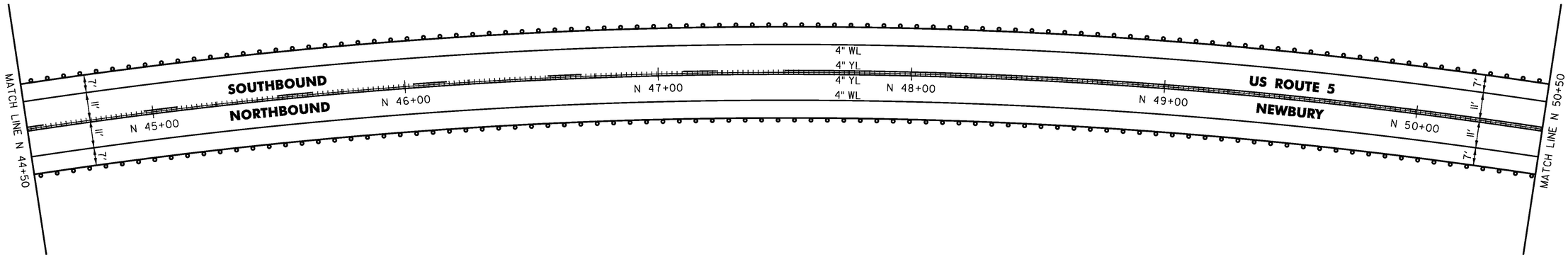
TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 44+50 TO N 50+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 44+50 TO N 47+50 DASHED LT, SOLID RT
N 47+50 TO N 50+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 44+50 TO N 50+50 LT
N 44+50 TO N 50+50 RT

REMOVAL AND DISPOSAL OF GUARDRAIL
N 44+50 TO N 50+50 LT
N 44+50 TO N 50+50 RT

MILLED RUMBLE STRIPS
N 44+50 TO N 50+50 CL



NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 47	SHEET 105 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 50+50 TO N 54+68 SOLID LT
N 50+50 TO N 56+50 SOLID RT
N 54+68 TO N 55+07 SOLID LT (TH 1)
N 55+49 TO N 56+07 SOLID LT (TH 1)
N 56+07 TO N 56+50 SOLID LT

TEMPORARY 4 INCH YELLOW LINE, PAINT
N 50+50 TO N 55+02 SOLID LT & RT
N 55+22 DOUBLE SOLID LT (TH 1)
N 55+42 TO N 56+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 55+22 DOUBLE SOLID LT (TH 1)

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 50+50 TO N 55+02 SOLID LT & RT
N 55+42 TO N 56+50 SOLID LT & RT

TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
N 54+90 TO N 55+21 LT (TH 1)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
N 55+10 LT "STOP" (TH 1)

STEEL BEAM GUARDRAIL, GALVANIZED
N 50+50 TO N 52+16 LT
N 50+50 TO N 51+64 RT
N 51+96 TO N 52+16 RT
N 53+73 TO N 56+50 RT
N 53+73 TO N 54+73 LT
N 54+94 TO N 54+98 LT
N 55+40 TO N 56+50 LT

GUARDRAIL APPROACH SECTION,
GALV HD STEEL BEAM
N 52+16 TO N 52+41 LT
N 52+16 TO N 52+41 RT
N 53+48 TO N 53+73 LT
N 53+48 TO N 53+73 RT

SPECIAL PROVISION (STEEL BEAM
GUARDRAIL GALVANIZED) (25 FEET RADIUS)
N 54+73 LT

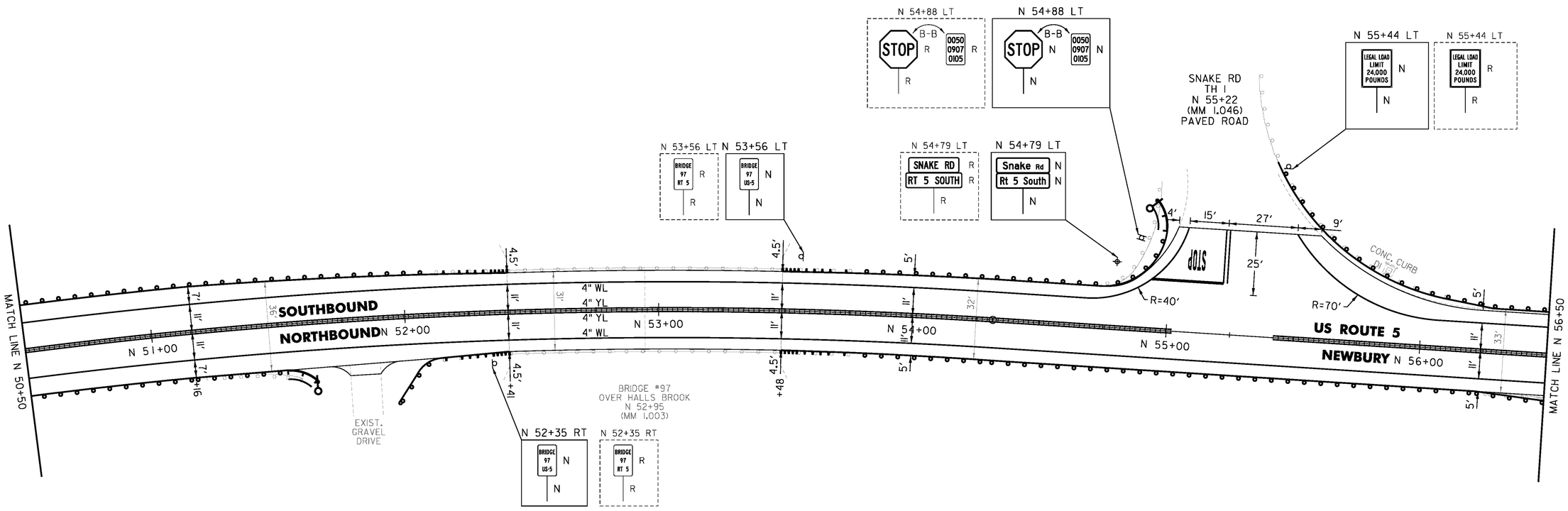
ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 50+50 TO N 52+41 LT
N 50+50 TO N 51+64 RT
N 51+96 TO N 52+41 RT
N 53+48 TO N 56+50 RT
N 53+48 TO N 54+95 LT
N 55+40 TO N 56+50 LT

DELINEATOR WITH STEEL POST
N 51+64 RT
N 54+94 LT

MILLED RUMBLE STRIPS
N 50+50 TO N 55+02 CL
N 55+42 TO N 56+50 CL

REMOVING SIGNS
AS SHOWN - 7



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 48	SHEET 106 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 56+50 TO N 62+50 SOLID LT
N 56+50 TO N 58+13 SOLID RT
N 58+93 TO N 62+50 SOLID RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 56+50 TO N 58+33 SOLID LT & RT
N 58+73 TO N 62+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 56+50 TO N 57+07 LT
N 56+50 TO N 57+23 RT

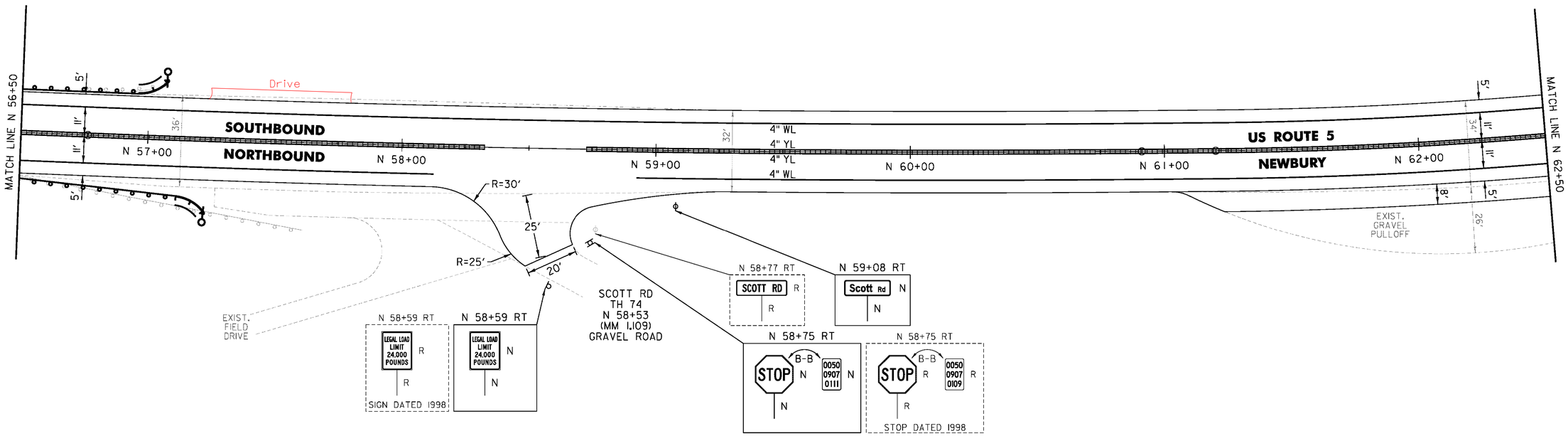
ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 56+50 TO N 57+07 LT
N 56+50 TO N 57+62 RT

DELINEATOR WITH STEEL POST
N 57+07 LT
N 57+22.5 RT

MILLED RUMBLE STRIPS
N 56+50 TO N 58+33 CL
N 58+73 TO N 62+50 CL

REMOVING SIGNS
AS SHOWN - 4



NOT TO SCALE

CLD 14-0278

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 49	SHEET 107 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 62+50 TO N 68+50 SOLID LT
N 62+50 TO N 66+23 SOLID RT
N 67+02 TO N 68+50 SOLID RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
N 62+50 TO N 66+43 SOLID LT & RT
N 66+83 TO N 68+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 63+50 TO N 66+43 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 62+50 TO N 63+50 SOLID LT & RT
N 66+83 TO N 68+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 63+48.5 TO N 63+86 RT
N 66+45 TO N 66+51 RT
N 66+47.5 TO N 67+72.5 LT
N 66+71 TO N 66+72 RT
N 68+02 TO N 68+39.5 RT

ANCHOR FOR STEEL BEAM RAIL
6 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 63+48.5 TO N 63+86 RT
N 66+36 TO N 66+50 RT
N 66+56 TO N 67+70 LT
N 66+70 TO N 67+02 RT
N 68+02 TO N 68+39.5 RT

DELINEATOR WITH STEEL POST
N 63+48.5 RT
N 66+45 RT
N 66+47.5 LT
N 66+69 RT
N 67+72.5 LT
N 68+39.5 RT

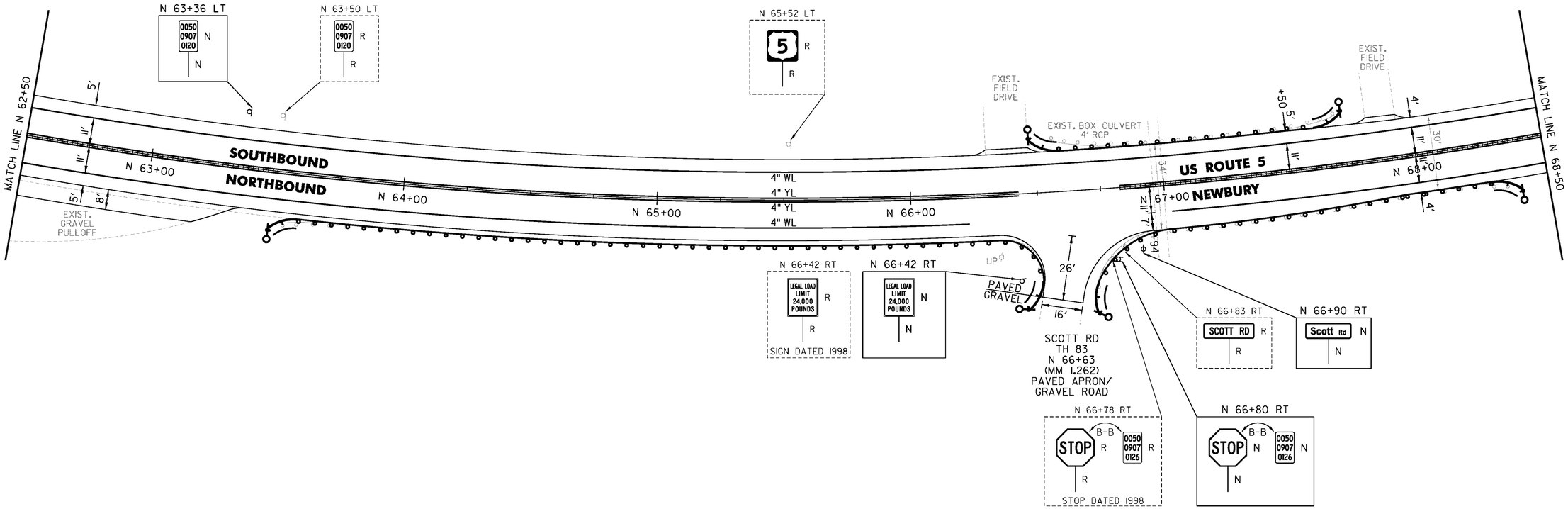
REMOVE AND RESET GUARDRAIL
N 63+86 TO N 66+36 RT
N 67+02 TO N 68+02 RT

SPECIAL PROVISION (STEEL BEAM
GUARDRAIL GALVANIZED) (16 FEET RADIUS)
N 66+36 RT

SPECIAL PROVISION (STEEL BEAM
GUARDRAIL GALVANIZED) (35 FEET RADIUS)
N 67+02 RT

MILLED RUMBLE STRIPS
N 62+50 TO N 63+50 CL
N 66+83 TO N 68+50 CL

REMOVING SIGNS
AS SHOWN - 6



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 50	SHEET 108 OF 239

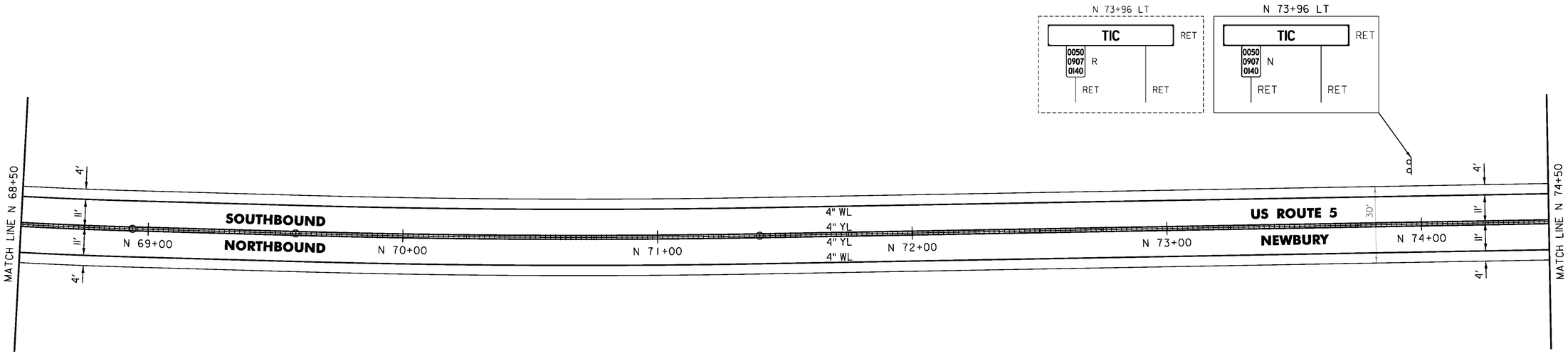
CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 68+50 TO N 74+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 68+50 TO N 74+50 SOLID LT & RT

MILLED RUMBLE STRIPS
N 68+50 TO N 74+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

CLD 14-0278

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 51	SHEET 109 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 74+50 TO N 80+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
N 74+50 TO N 80+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 76+40 TO N 80+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 74+50 TO N 76+40 SOLID LT & RT

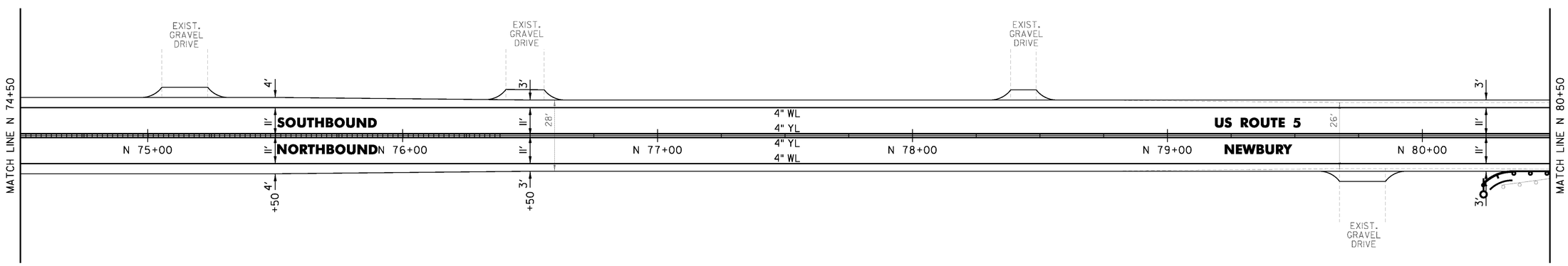
STEEL BEAM GUARDRAIL, GALVANIZED
N 80+24 TO N 80+50 RT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 80+31 TO N 80+50 RT

DELINEATOR WITH STEEL POST
N 80+24 RT

MILLED RUMBLE STRIPS
N 74+50 TO N 76+40 CL



NOT TO SCALE

CLD 14-0278

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 52	SHEET 110 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 80+50 TO N 86+50 SOLID LT & RT

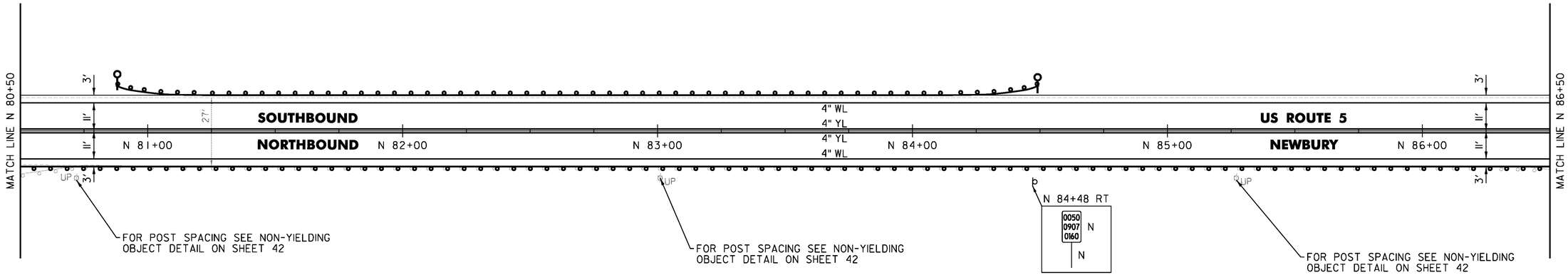
TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 80+50 TO N 86+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 80+50 TO N 86+50 RT

REMOVAL AND DISPOSAL OF GUARDRAIL
N 80+50 TO N 86+50 RT

REMOVE AND RESET GUARDRAIL
N 80+87.5 TO N 84+49.5 LT

DELINEATOR WITH STEEL POST
N 80+87.5 LT
N 84+49.5 LT



NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 53	SHEET III OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 86+50 TO N 92+50 SOLID LT & RT

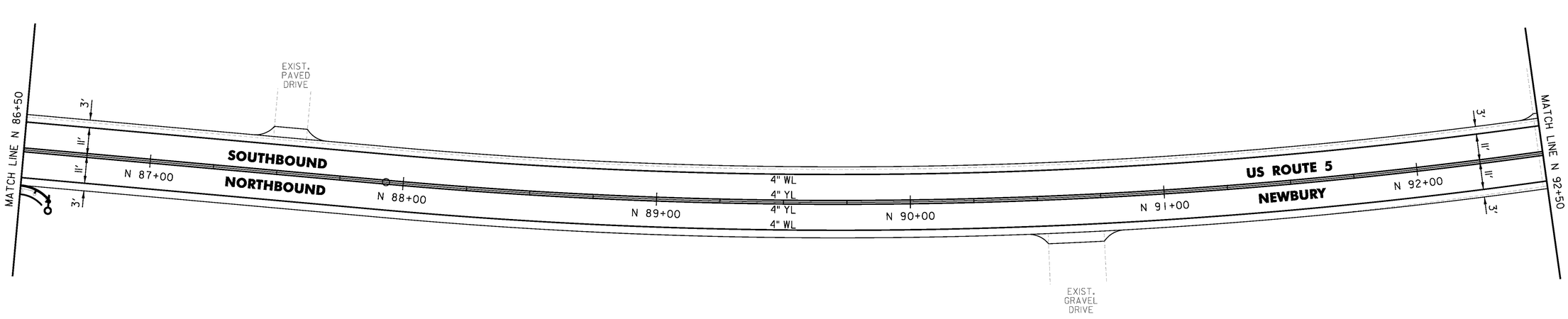
TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 86+50 TO N 92+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 86+50 TO N 86+61.5 RT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 86+50 TO N 86+61.5 RT

DELINEATOR WITH STEEL POST
N 86+61.5 RT



NOT TO SCALE

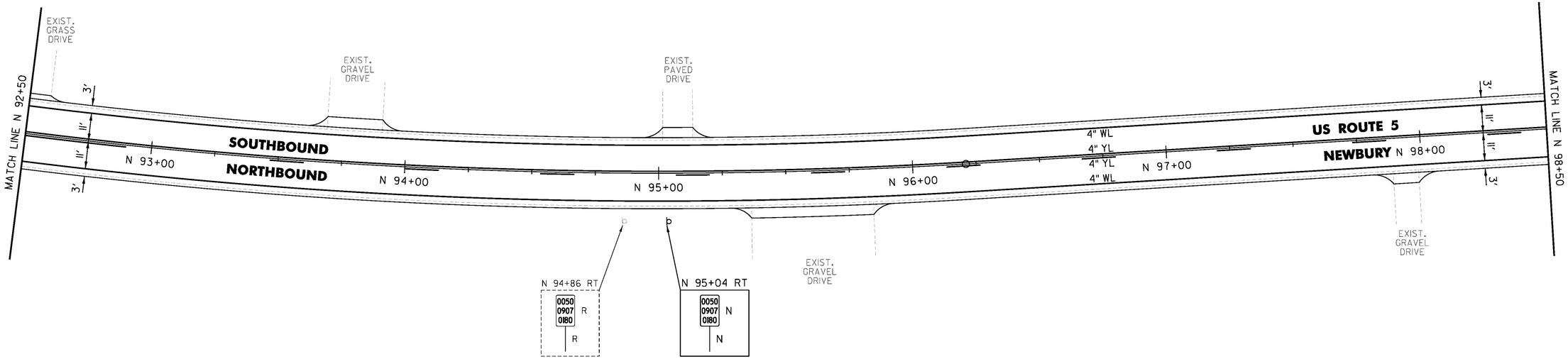
PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 54	SHEET 112 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 92+50 TO N 98+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 92+50 TO N 92+90 SOLID LT & RT
N 92+90 TO N 98+50 SOLID LT, DASHED RT

REMOVING SIGNS
AS SHOWN - 1



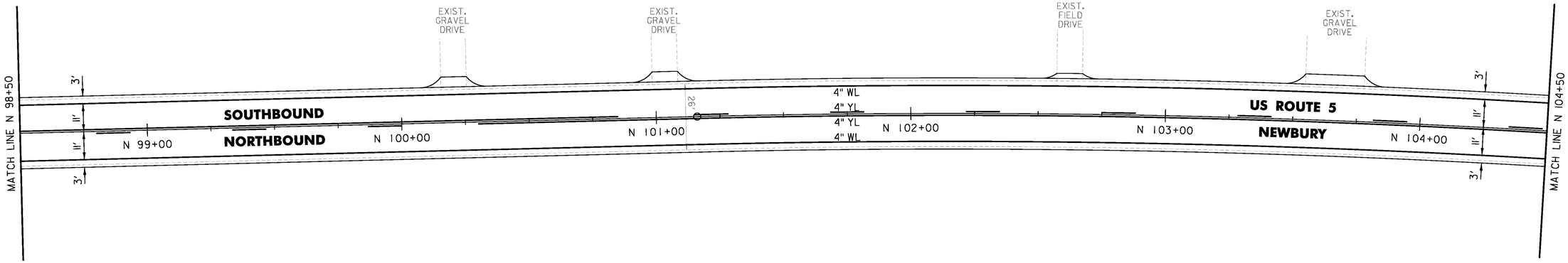
NOT TO SCALE

CLD 14-0278

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 55	SHEET 113 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 98+50 TO N 104+50 LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 98+50 TO N 100+30 SOLID LT, DASHED RT
N 100+30 TO N 100+85 SOLID LT & RT
N 100+85 TO N 104+50 DASHED LT, SOLID RT



NOT TO SCALE

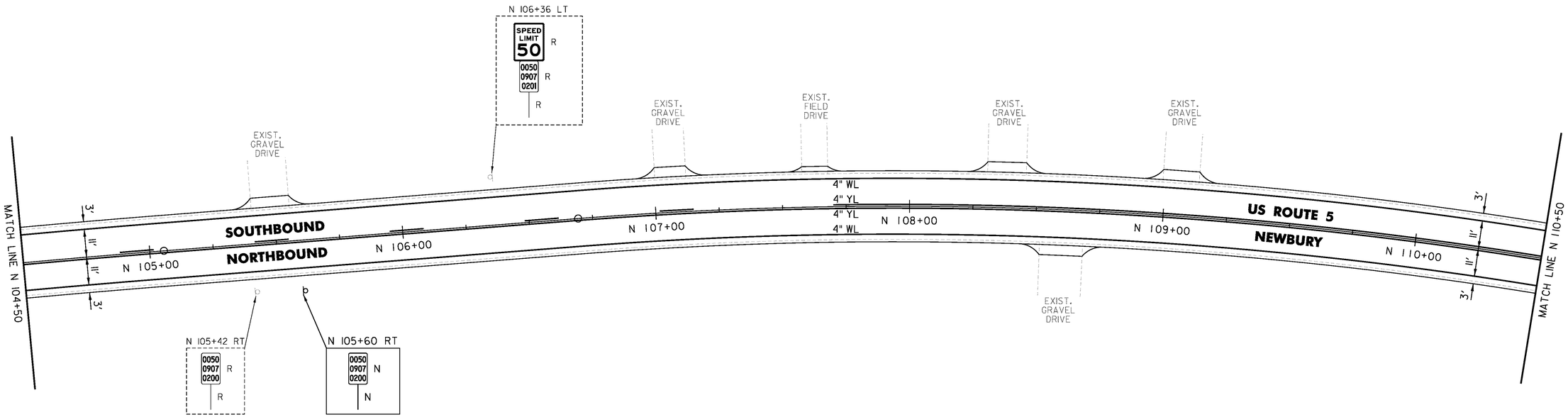
PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 56	SHEET 114 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 104+50 TO N 110+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 104+50 TO N 107+70 DASHED LT, SOLID RT
N 107+70 TO N 110+50 SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 3



NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 57	SHEET 115 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 110+50 TO N 116+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 110+50 TO N 116+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 116+03 TO N 116+15.5 RT

STEEL BEAM GUARDRAIL,
GALVANIZED W/8 FEET POSTS
N 116+15.5 TO N 116+50 RT

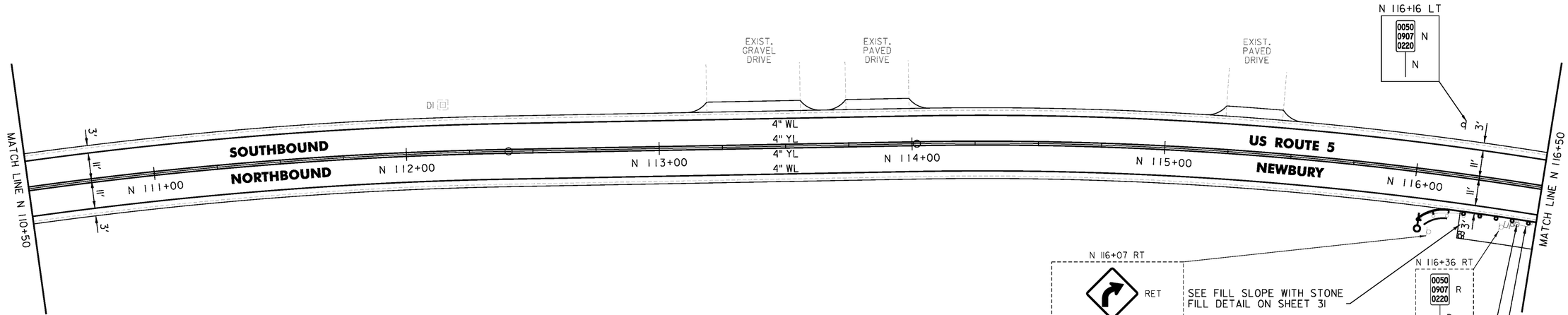
ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 116+03 TO N 116+50 RT

DELINEATOR WITH STEEL POST
N 116+03 RT

GRUBBING MATERIAL (6")
STONE FILL, TYPE I
N 116+20 TO N 116+50 RT

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 58	SHEET 116 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 116+50 TO N 122+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 116+50 TO N 122+50 SOLID LT & RT

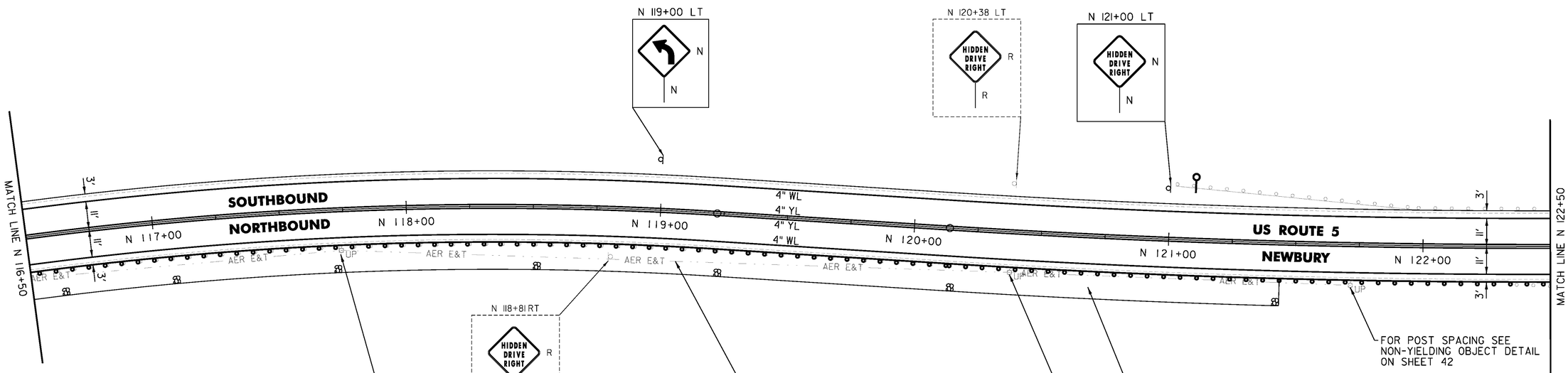
GRUBBING MATERIAL (6")
STONE FILL, TYPE I
N 116+50 TO N 121+45 RT

STEEL BEAM GUARDRAIL,
GALVANIZED W/8 FEET POSTS
N 116+50 TO N 122+50 RT

REMOVAL AND DISPOSAL OF GUARDRAIL
N 116+50 TO N 122+50 RT

DELINEATOR WITH STEEL POST
N 121+10 LT

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 59	SHEET 117 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 122+50 TO N 128+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 122+50 TO N 128+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 122+53 TO N 122+65.5 RT

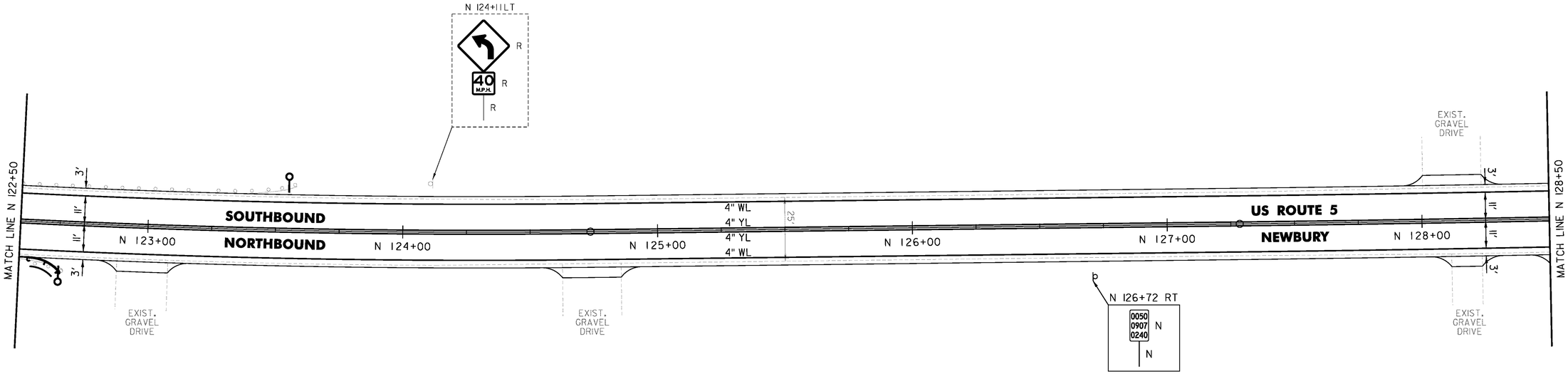
STEEL BEAM GUARDRAIL,
GALVANIZED W/8 FEET POSTS
N 122+50 TO N 122+53 RT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 122+50 TO N 122+67 RT

DELINEATOR WITH STEEL POST
N 122+65.5 RT
N 123+55 LT

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

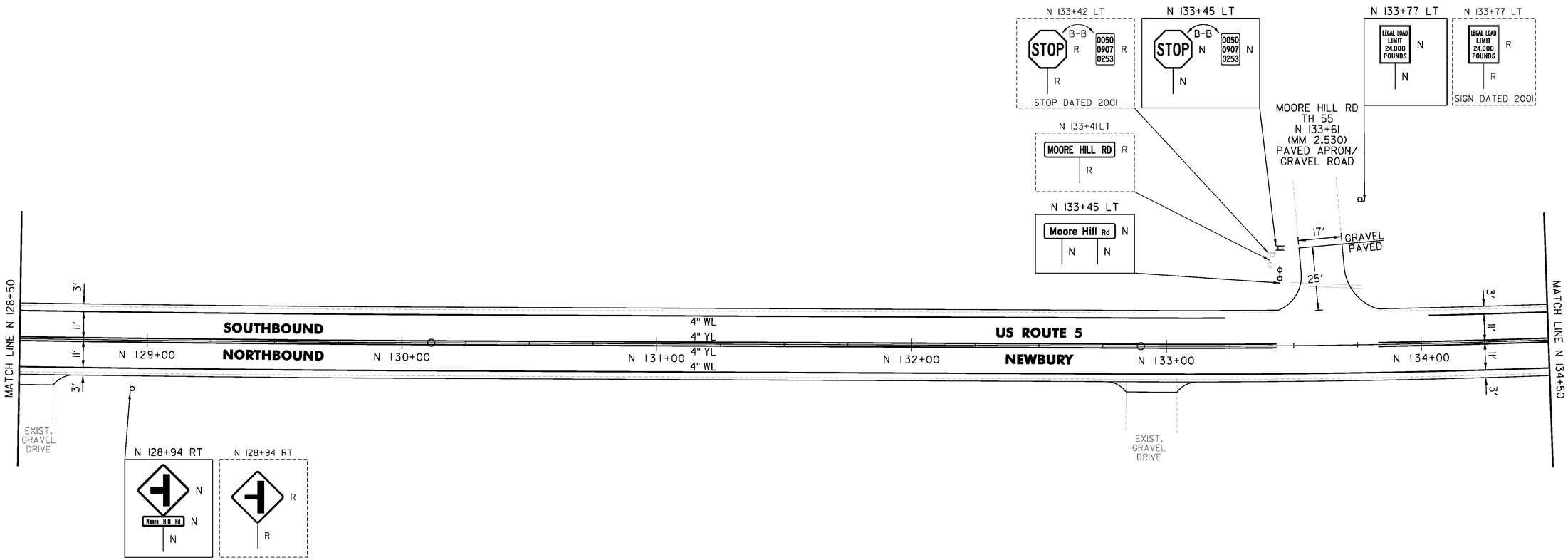
CLD 14-0278

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 60	SHEET 118 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 128+50 TO N 133+23 SOLID LT
N 128+50 TO N 134+50 SOLID RT
N 134+03 TO N 134+50 SOLID LT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 128+50 TO N 133+43 SOLID LT & RT
N 133+83 TO N 134+50 SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 5



NOT TO SCALE

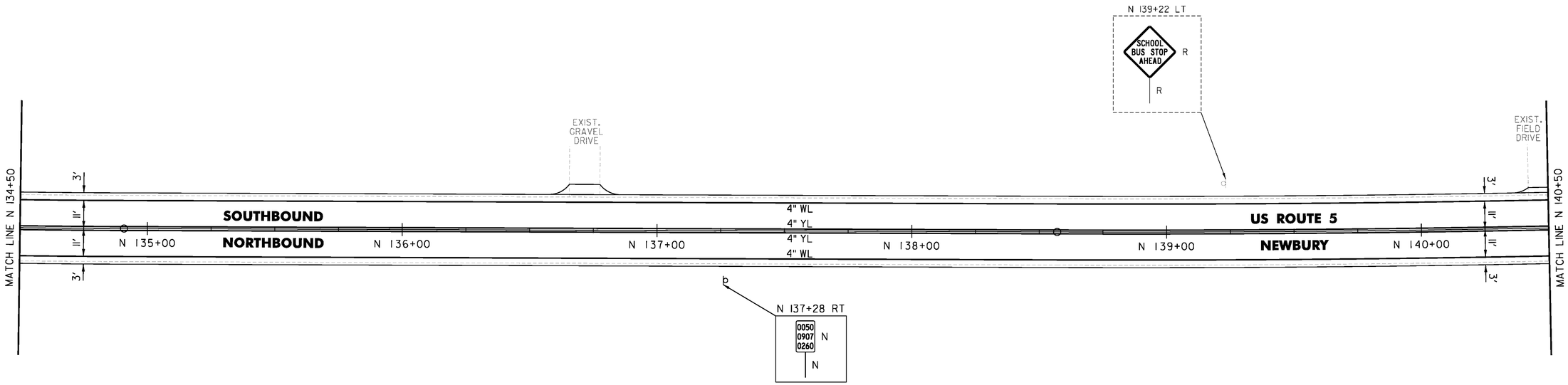
PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 61	SHEET 119 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 134+50 TO N 140+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 134+50 TO N 140+50 SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 1



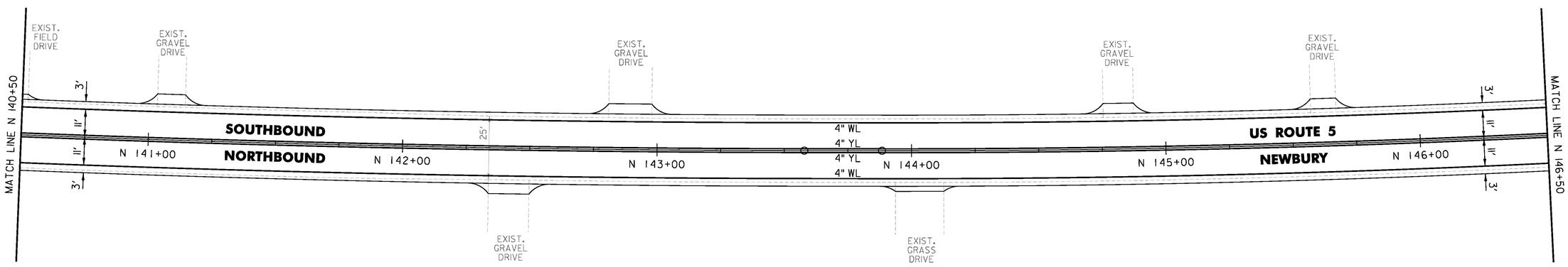
NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 62	SHEET 120 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 140+50 TO N 146+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 140+50 TO N 146+50 SOLID LT & RT



NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 63	SHEET 121 OF 239

CLD 14-0278

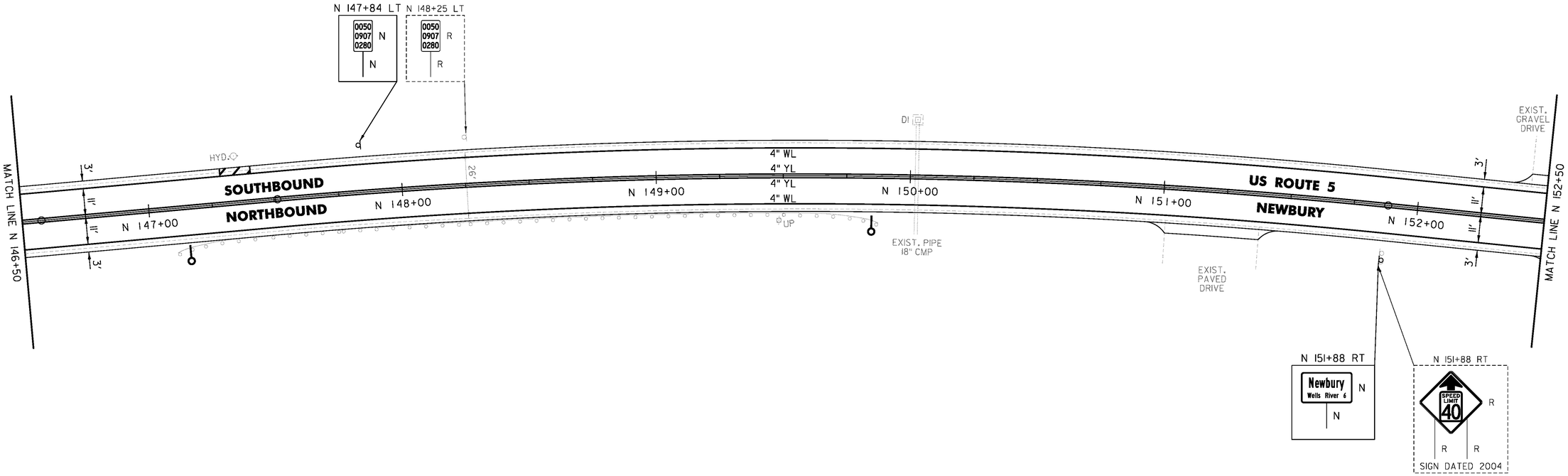
TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 146+50 TO N 152+50 SOLID LT & RT
N 147+29 SOLID LT (NO PARKING)
N 147+41 SOLID LT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 146+50 TO N 152+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
N 147+29 TO N 147+41 SOLID LT (NO PARKING)

DELINEATOR WITH STEEL POST
N 147+15 RT
N 149+85 RT

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 64	SHEET 122 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 152+50 TO N 157+50 SOLID LT & RT
N 156+92 SOLID LT (NO PARKING)
N 157+04 SOLID LT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 152+50 TO N 157+50 SOLID LT & RT

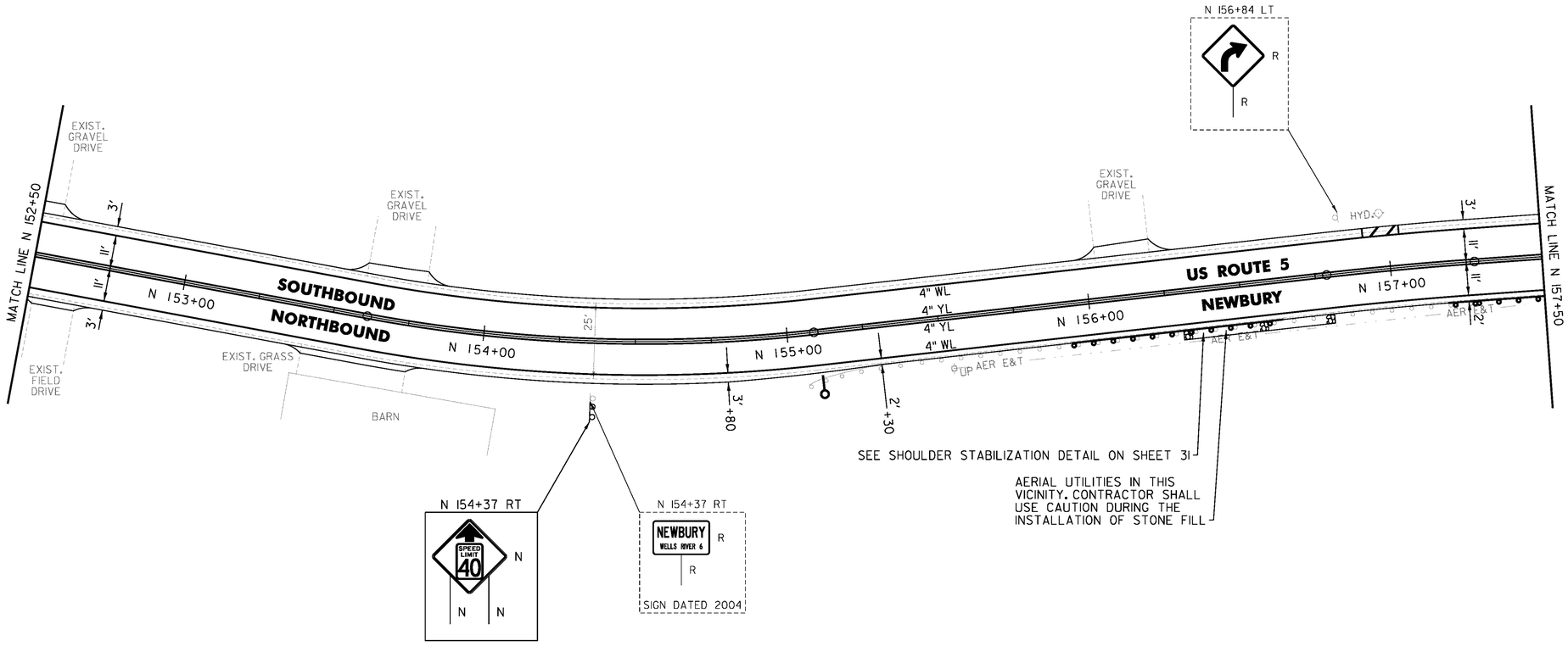
TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
N 156+92 TO N 157+04 SOLID LT (NO PARKING)

STEEL BEAM GUARDRAIL,
GALVANIZED W/8 FEET POSTS
N 155+93 TO N 156+68 RT
N 157+18 TO N 157+50 RT

REMOVAL AND DISPOSAL OF GUARDRAIL
N 155+93 TO N 156+68 RT
N 157+18 TO N 157+50 RT

DELINEATOR WITH STEEL POST
N 155+10 RT

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 65	SHEET 123 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 157+50 TO N 162+50 SOLID LT & RT
N 160+63 SOLID LT (NO PARKING)
N 160+75 SOLID LT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 157+50 TO N 162+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
N 160+63 TO N 160+75 SOLID LT (NO PARKING)

STEEL BEAM GUARDRAIL, GALVANIZED
N 157+80.5 TO N 157+93 RT

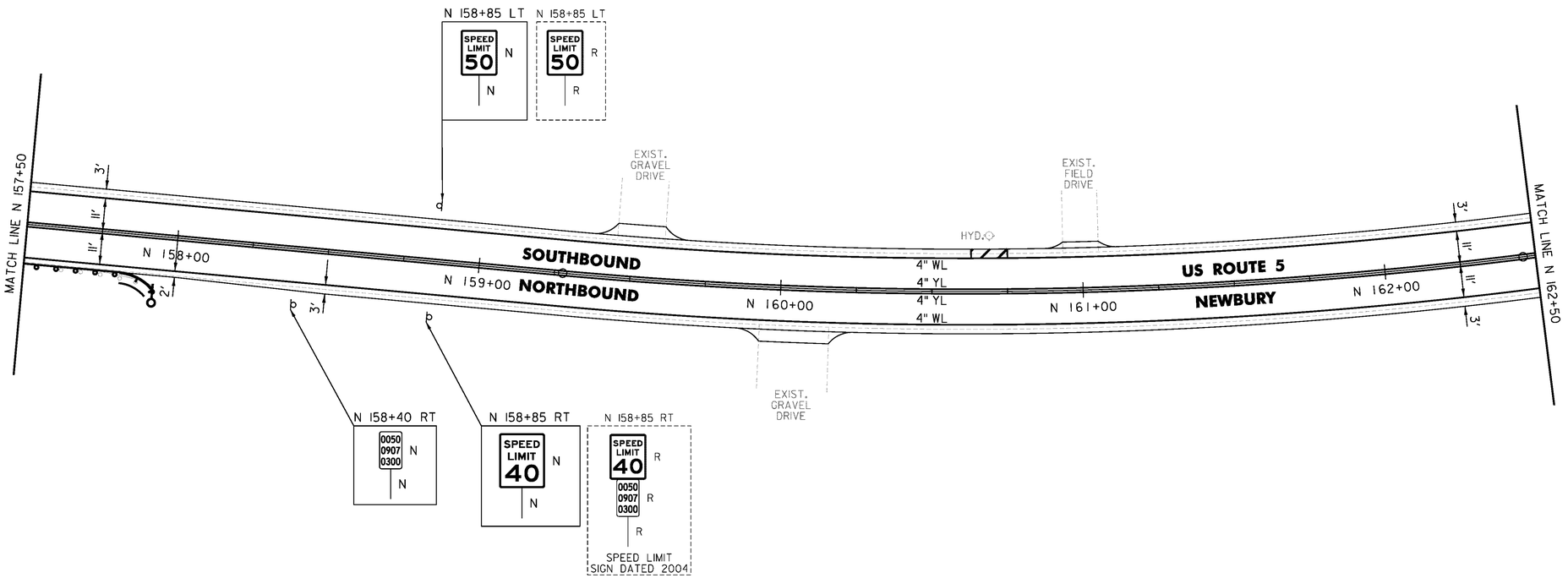
STEEL BEAM GUARDRAIL,
GALVANIZED W/8 FEET POSTS
N 157+50 TO N 157+80.5 RT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 157+50 TO N 157+93 RT

DELINEATOR WITH STEEL POST
N 157+93 RT

REMOVING SIGNS
AS SHOWN - 3



NOT TO SCALE

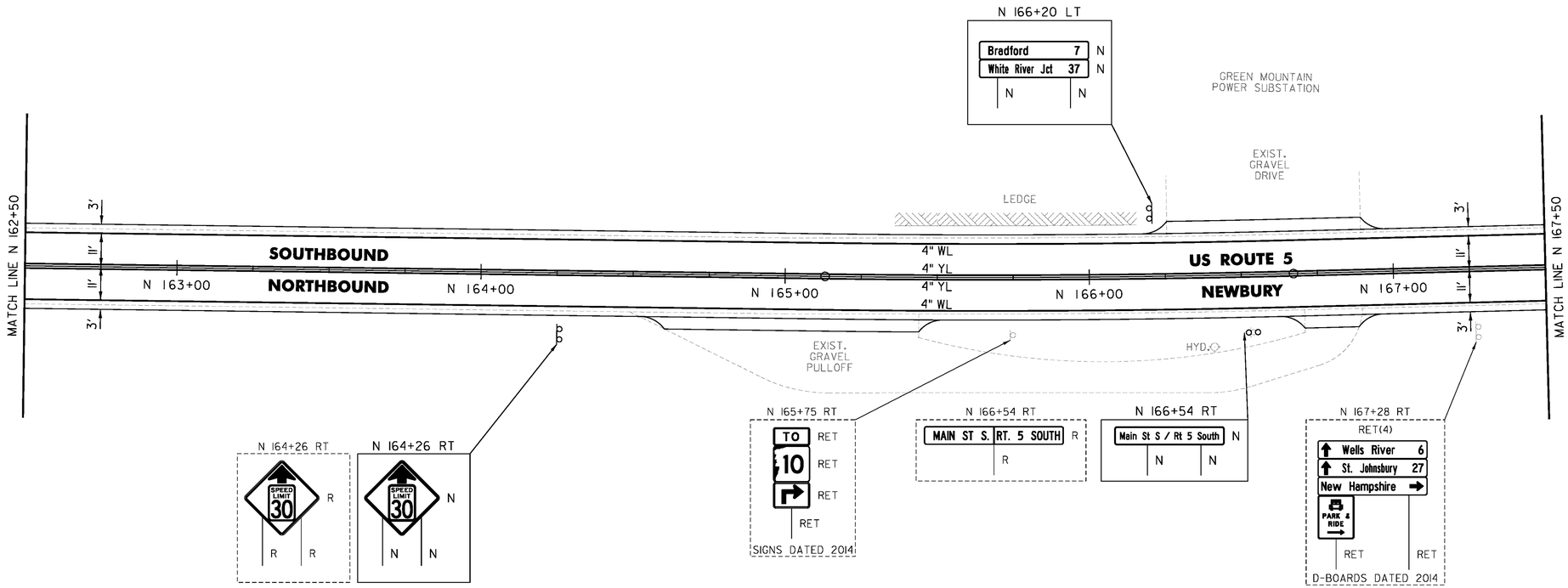
PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 66	SHEET 124 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 162+50 TO N 167+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 162+50 TO N 167+50 SOLID LT & RT

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 67	SHEET 125 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 167+50 TO N 172+50 SOLID LT
N 167+50 TO N 169+74 SOLID RT
N 169+74 TO N 170+12 SOLID RT (NSH)
N 170+33 TO N 170+66 SOLID RT (NSH)
N 170+66 TO N 172+50 SOLID RT
NEWBURY STATE HIGHWAY
0+44 TO 1+50 SOLID LT
0+49 TO 1+50 SOLID RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 167+50 TO N 170+04 SOLID LT & RT
N 170+44 TO N 172+50 SOLID LT & RT
NEWBURY STATE HIGHWAY
0+32 TO 1+50 SOLID LT & RT

TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
NEWBURY STATE HIGHWAY
0+32 LT

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
NEWBURY STATE HIGHWAY
0+40 LT "STOP"

STEEL BEAM GUARDRAIL, GALVANIZED
NEWBURY STATE HIGHWAY
0+55 TO ~~1+05 RT~~
1+50 RT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

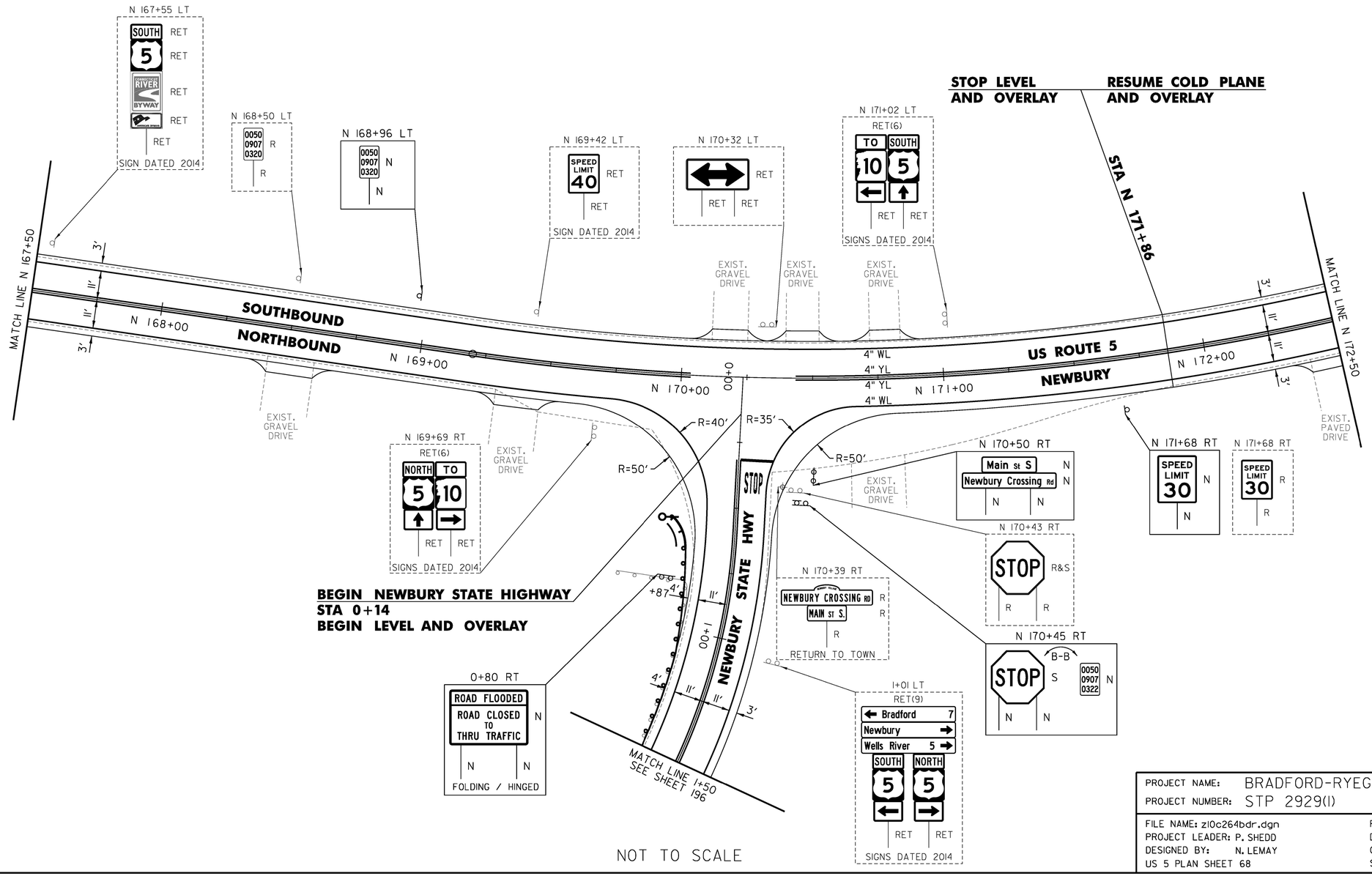
REMOVAL AND DISPOSAL OF GUARDRAIL
NEWBURY STATE HIGHWAY
0+80 TO ~~1+05 RT~~
1+50 RT

DELINEATOR WITH STEEL POST
0+55 RT

~~REMOVE AND RESET GUARDRAIL~~
~~NEWBURY STATE HIGHWAY~~
~~1+05 TO 1+50 RT~~

REMOVING SIGNS
AS SHOWN - 5

ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
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FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
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DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 68	SHEET 126 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 172+50 TO N 178+50 SOLID LT & RT
N 175+14 SOLID LT (NO PARKING)
N 175+26 SOLID LT (NO PARKING)

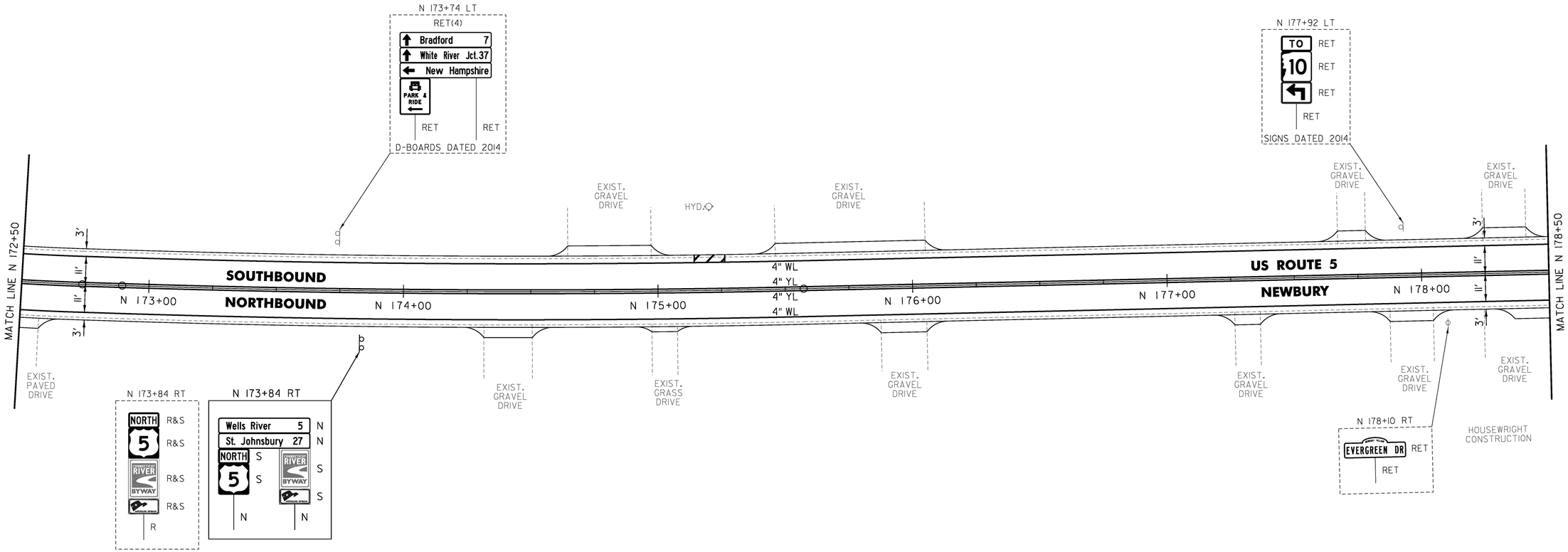
TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 172+50 TO N 178+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
N 175+14 TO N 175+26 SOLID LT (NO PARKING)

REMOVING SIGNS
AS SHOWN - 4

ERECTING SALVAGED SIGNS
AS SHOWN - 4

THINNING AND TRIMMING FOR SIGNS
N 173+74 LT
N 177+92 LT



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
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PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 69	SHEET 127 OF 239

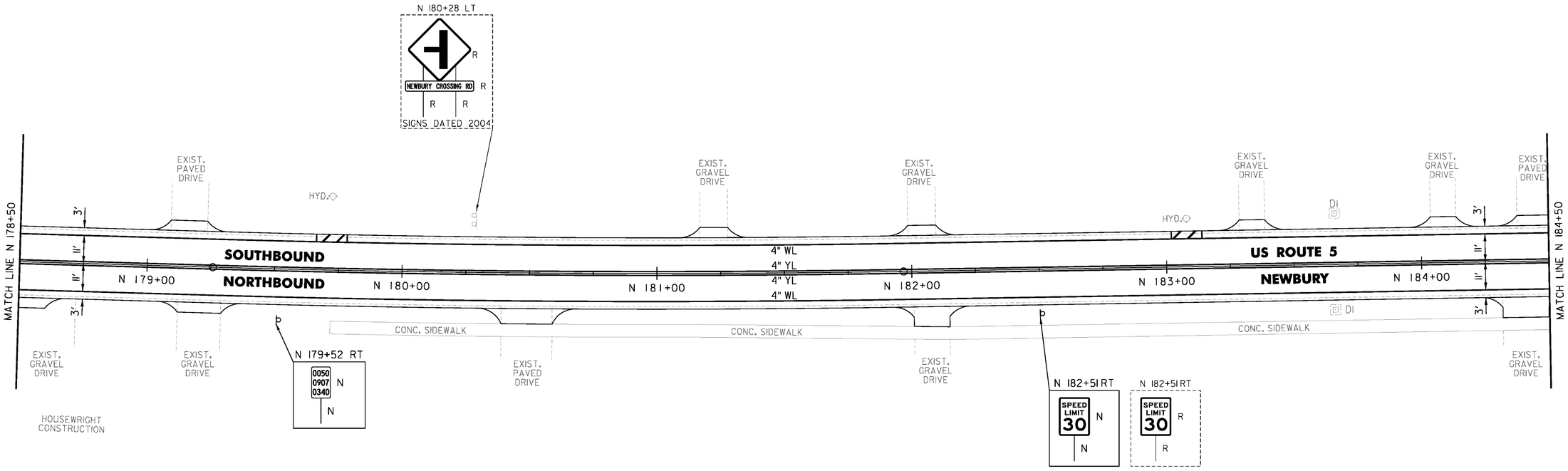
CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 178+50 TO N 184+50 SOLID LT & RT
N 179+66 SOLID LT (NO PARKING)
N 179+78 SOLID LT (NO PARKING)
N 183+02 SOLID LT (NO PARKING)
N 183+14 SOLID LT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 178+50 TO N 184+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
N 179+66 TO N 179+78 SOLID LT (NO PARKING)
N 183+02 TO N 183+14 SOLID LT (NO PARKING)

REMOVING SIGNS
AS SHOWN - 3



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 70	SHEET 128 OF 239

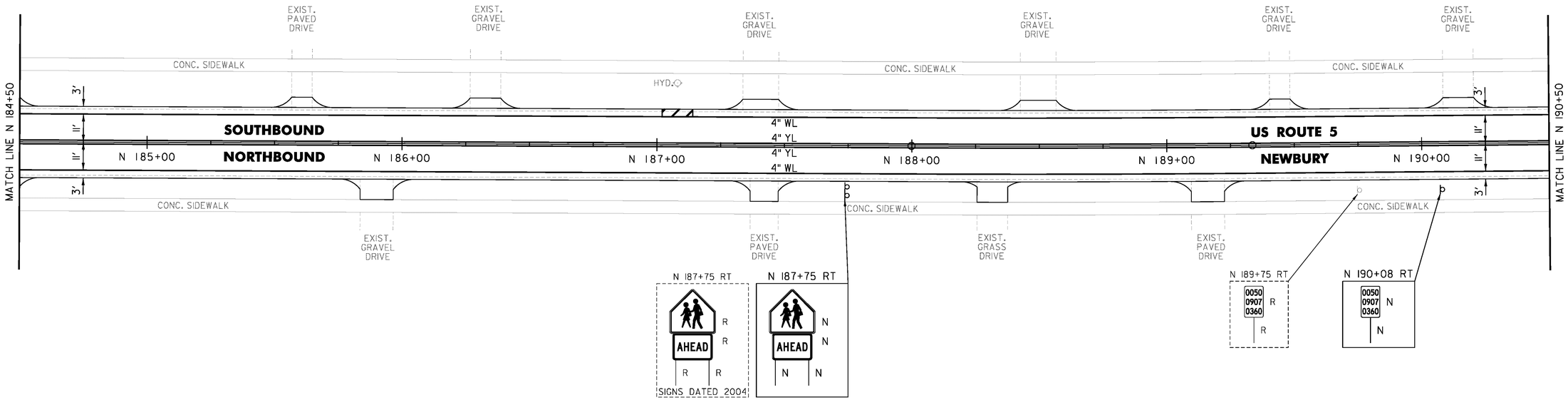
CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 184+50 TO N 190+50 SOLID LT & RT
N 187+02 LT (NO PARKING)
N 187+14 LT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 184+50 TO N 190+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
N 187+02 TO N 187+14 LT (NO PARKING)

REMOVING SIGNS
AS SHOWN - 3



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 71	SHEET 129 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 190+50 TO N 192+18 SOLID LT
N 190+50 TO N 192+18 SOLID RT
N 190+69 SOLID LT (NO PARKING)
N 190+81 SOLID LT (NO PARKING)
N 192+26 TO N 192+89 SOLID LT
N 192+26 TO N 196+50 SOLID RT
N 193+48 TO N 193+77 SOLID LT
N 194+36 TO N 196+50 SOLID LT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 190+50 TO N 192+18 SOLID LT & RT
N 192+26 TO N 193+08 SOLID LT & RT
N 193+48 TO N 193+77 SOLID LT & RT
N 194+17 TO N 196+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
N 190+69 TO N 190+81 SOLID LT (NO PARKING)

TEMPORARY CROSSWALK MARKING, PAINT
DURABLE CROSSWALK MARKING (OPTION ITEM)
N 192+22 LT TO RT

CLEANING CULV. PIPE, IN-PLACE
(0 TO 24 IN., INCL.)
N 191+11 TO N 191+30 RT

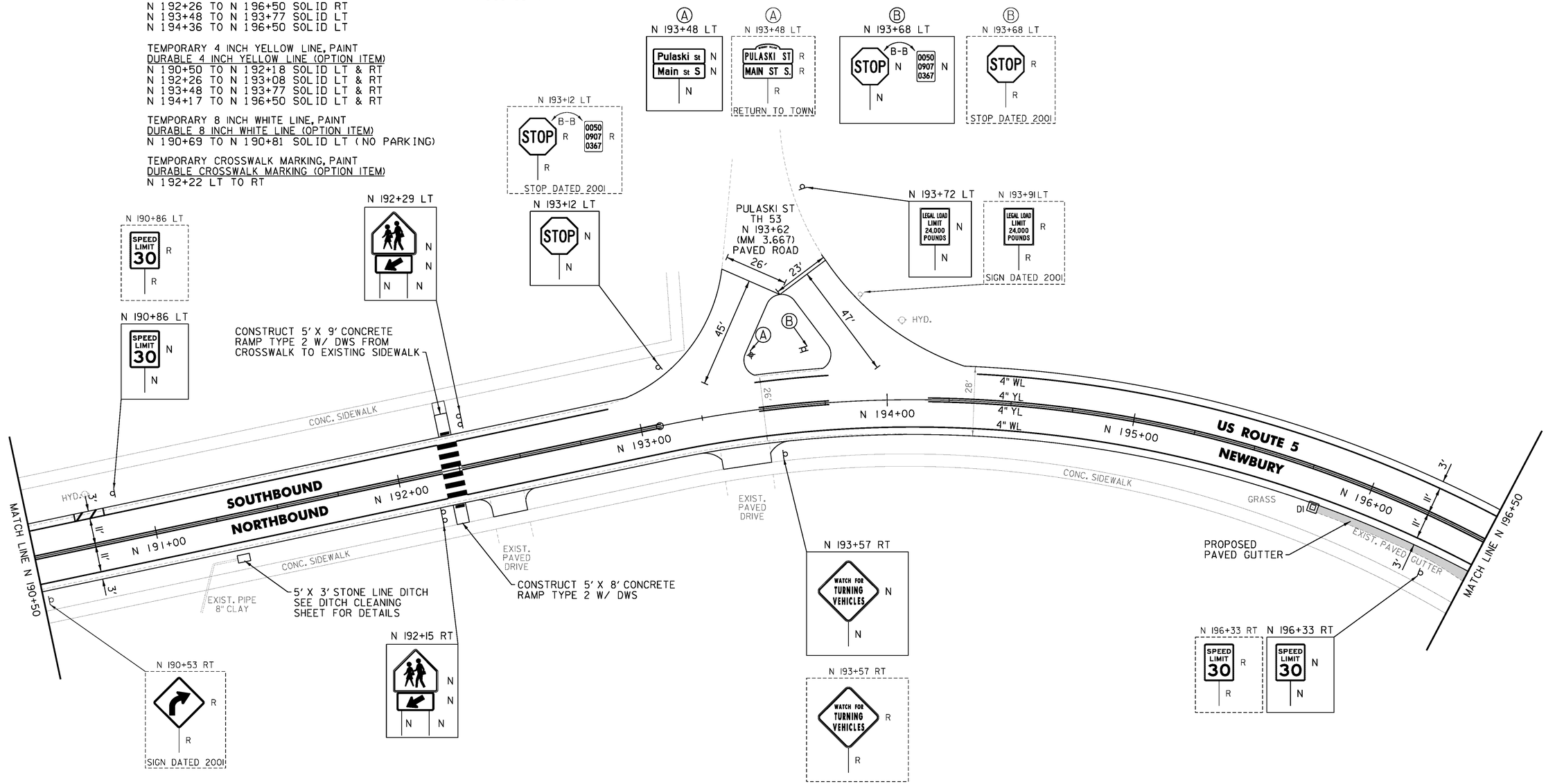
REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, CLASS II
N 195+80 RT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
N 192+19 TO N 192+24 LT (RAMP TYPE 2)
N 192+19 TO N 192+24 RT (RAMP TYPE 2)

DETECTABLE WARNING SURFACE (DWS)
N 192+22 LT
N 192+22 RT

REMOVING SIGNS
AS SHOWN - 10

THINNING AND TRIMMING FOR SIGNS
N 193+00 RT



NOT TO SCALE

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DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 72	SHEET 130 OF 239

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TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 196+50 TO N 196+82 SOLID LT
N 196+50 TO N 201+50 SOLID RT
N 196+82 TO N 197+48 SOLID LT (TH 4)
N 197+49 TO N 197+60 SOLID LT (TH 4)
N 197+49 TO N 198+13 SOLID LT
N 198+13 TO N 198+15 SOLID LT (TH 4)
N 198+36 TO N 198+71 SOLID LT (TH 4)
N 198+71 TO N 201+50 SOLID LT
N 201+35 SOLID LT (NO PARKING)
N 201+47 SOLID LT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 196+50 TO N 197+05 SOLID LT & RT
N 197+35 TO N 197+54 DOUBLE SOLID LT (TH 4)
N 197+45 TO N 198+15 SOLID LT & RT
N 198+26 TO N 198+34 DOUBLE SOLID LT (TH 4)
N 198+55 TO N 201+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
N 201+35 TO N 201+47 SOLID LT (NO PARKING)

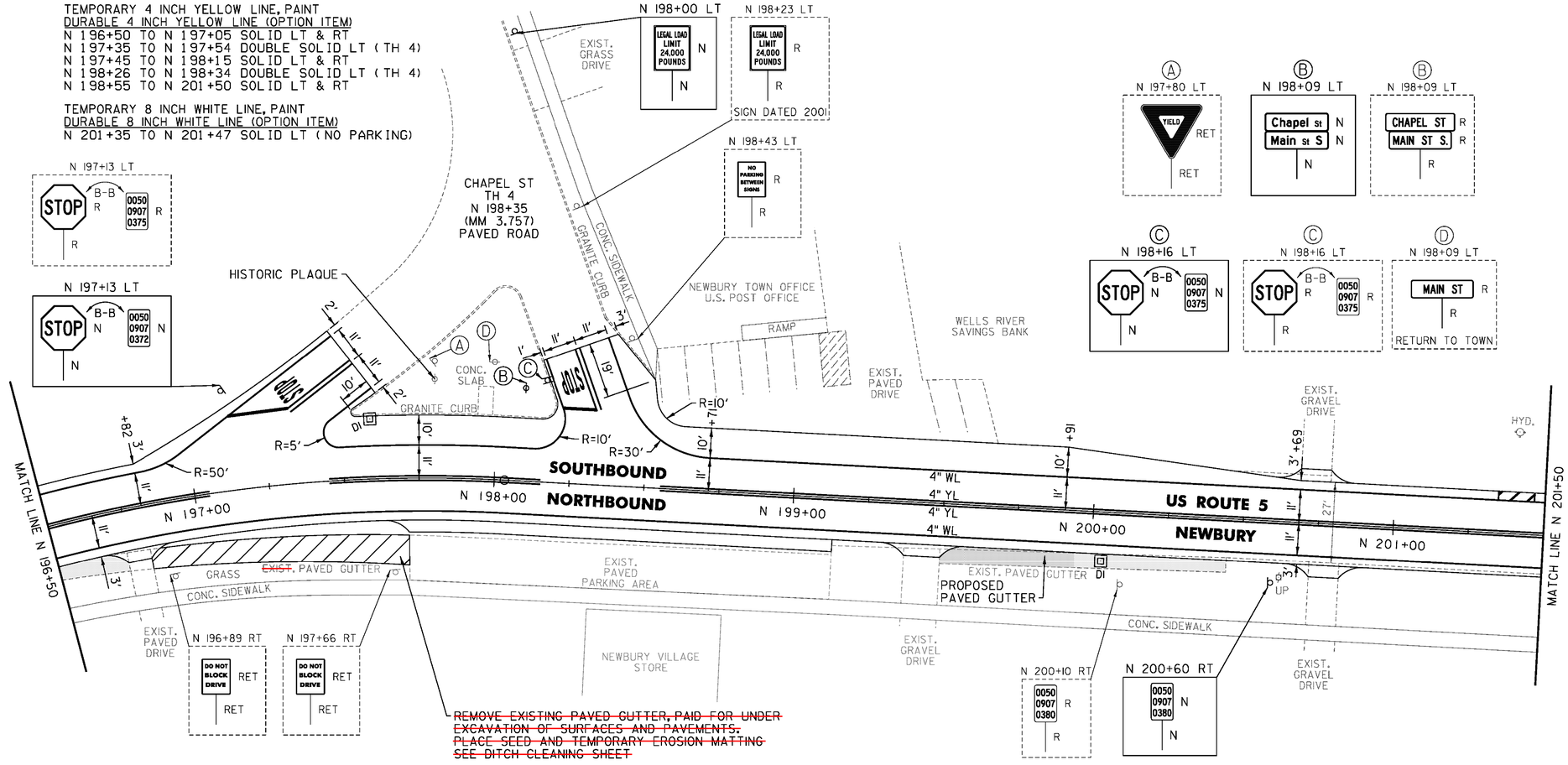
TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
N 197+14 TO N 197+33 LT (TH 4)
N 198+22 TO N 198+33 LT (TH 4)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
N 197+34 LT "STOP" (TH 4)
N 198+24 LT "STOP" (TH 4)

PAINTED CURB
N 197+53 TO N 198+20 LT

REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II
N 197+59 LT
N 200+03 RT

REMOVING SIGNS
AS SHOWN - 10



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
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FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 73	SHEET 131 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 201+50 TO N 202+09 SOLID LT
N 201+50 TO N 206+50 SOLID RT
N 202+09 TO N 202+47 SOLID LT (TH 81)
N 202+75 TO N 203+05 SOLID LT (TH 81)
N 203+05 TO N 206+50 SOLID LT
N 204+78 SOLID LT (NO PARKING)
N 204+90 SOLID LT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 201+50 TO N 202+41 SOLID LT & RT
N 202+61 DOUBLE SOLID LT (TH 81)
N 202+81 TO N 206+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
N 204+78 TO N 204+90 SOLID LT (NO PARKING)

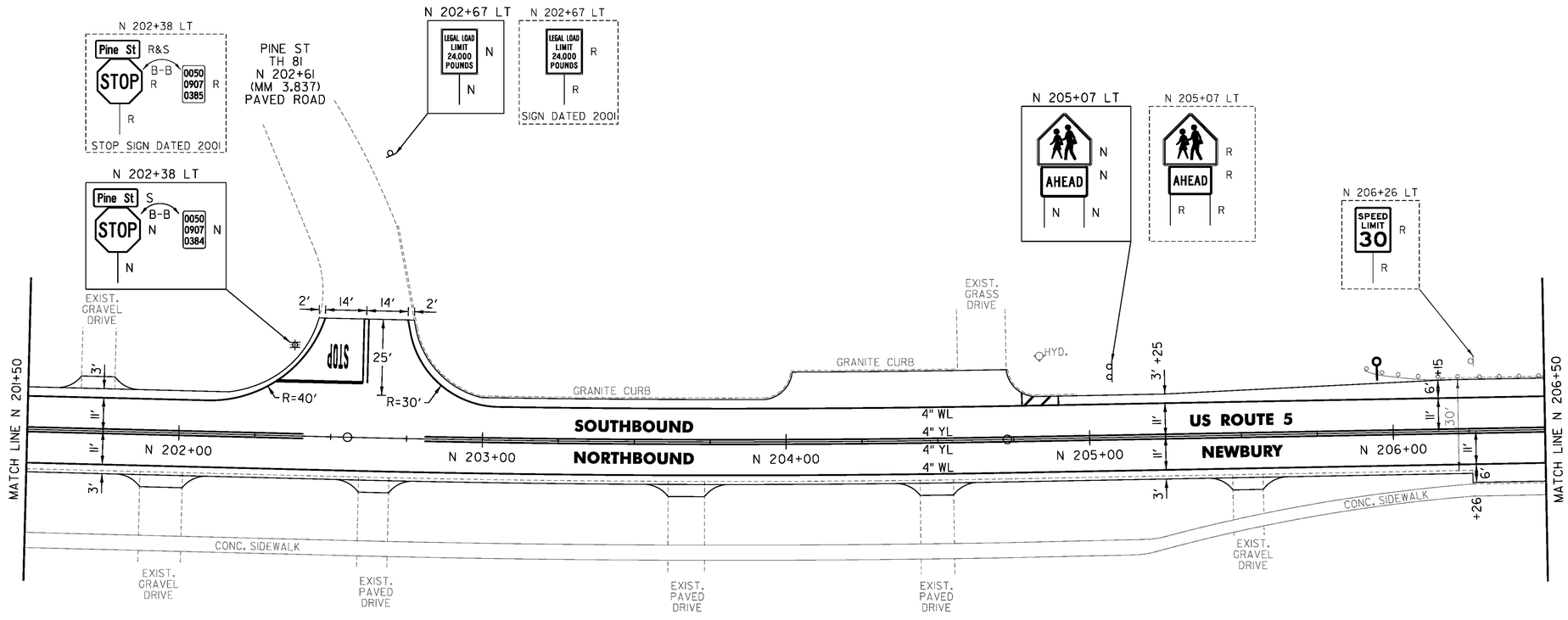
TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
N 202+32 TO N 202+60 LT (TH 81)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
N 202+52 LT "STOP" (TH 81)

DELINEATOR WITH STEEL POST
N 205+95 LT

REMOVING SIGNS
AS SHOWN - 7

ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOT TO SCALE

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FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 74	SHEET 132 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 206+50 TO N 210+03 SOLID LT
N 206+50 TO N 212+50 SOLID RT
N 210+03 TO N 210+42 SOLID LT (TH 76)
N 210+64 TO N 211+00 SOLID LT (TH 76)
N 211+00 TO N 212+50 SOLID LT
N 211+11 SOLID LT (NO PARKING)
N 211+23 SOLID LT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 206+50 TO N 210+31 SOLID LT & RT
N 210+53 DOUBLE SOLID LT (TH 76)
N 210+71 TO N 212+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
N 211+11 TO N 211+23 SOLID LT (NO PARKING)

TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
N 210+25 TO N 210+52 LT (TH 76)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
N 210+40 LT 'STOP' (TH 76)

REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II
N 207+30 LT
N 207+30 RT
N 209+51 RT
N 209+68 LT

TREATED TIMBER CURB
N 209+62 TO N 210+30 LT

STEEL BEAM GUARDRAIL, GALVANIZED
N 209+41 TO N 211+03.5 RT

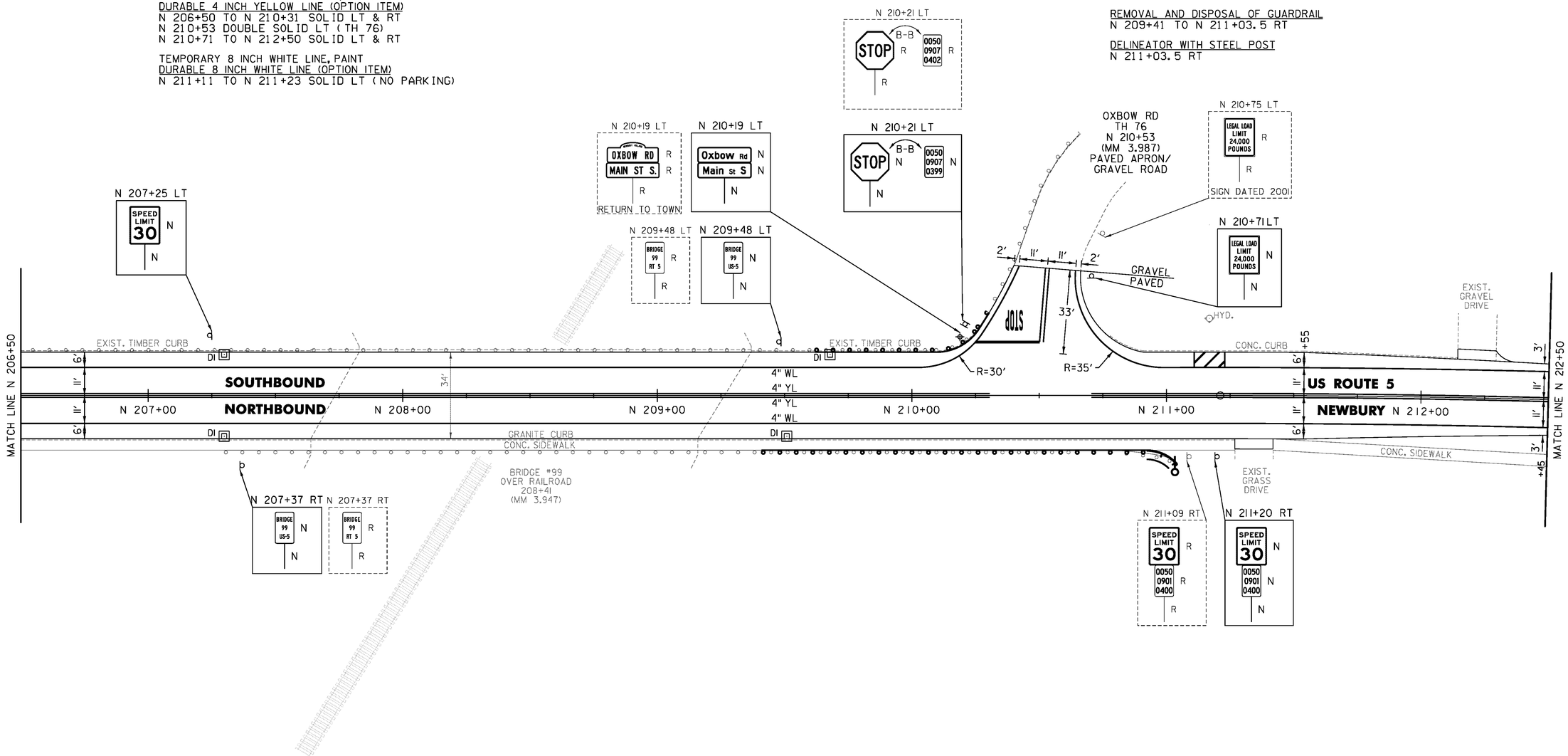
REMOVE AND RESET GUARDRAIL
N 209+62 TO N 210+30 LT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 209+41 TO N 211+03.5 RT

DELINEATOR WITH STEEL POST
N 211+03.5 RT

REMOVING SIGNS
AS SHOWN - 9



NOT TO SCALE

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PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 75	SHEET 133 OF 239

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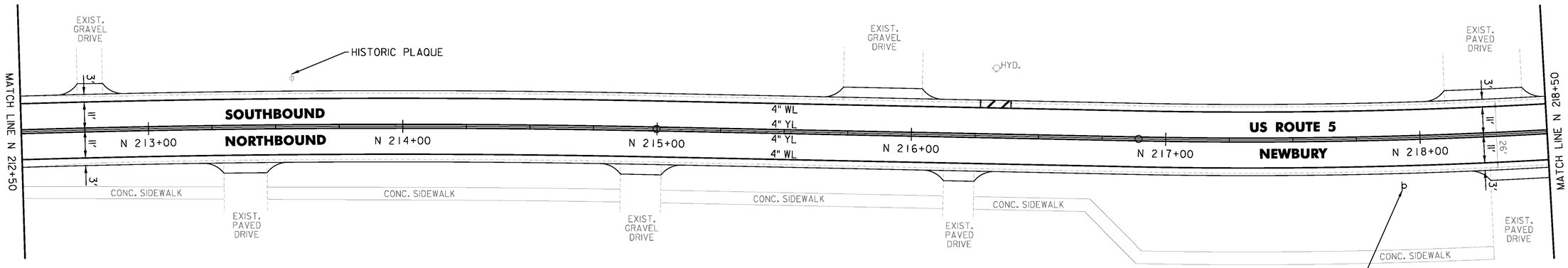
TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 212+50 TO N 218+50 SOLID LT & RT
N 216+27 SOLID LT (NO PARKING)
N 216+39 SOLID LT (NO PARKING)

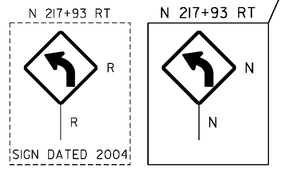
TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 212+50 TO N 218+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
N 216+27 TO N 216+39 SOLID LT (NO PARKING)

REMOVING SIGNS
AS SHOWN - 1

YOUNGS PHOTOGRAPHY





NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 76	SHEET 134 OF 239

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TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 212+50 TO N 223+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 212+50 TO N 223+50 SOLID LT & RT

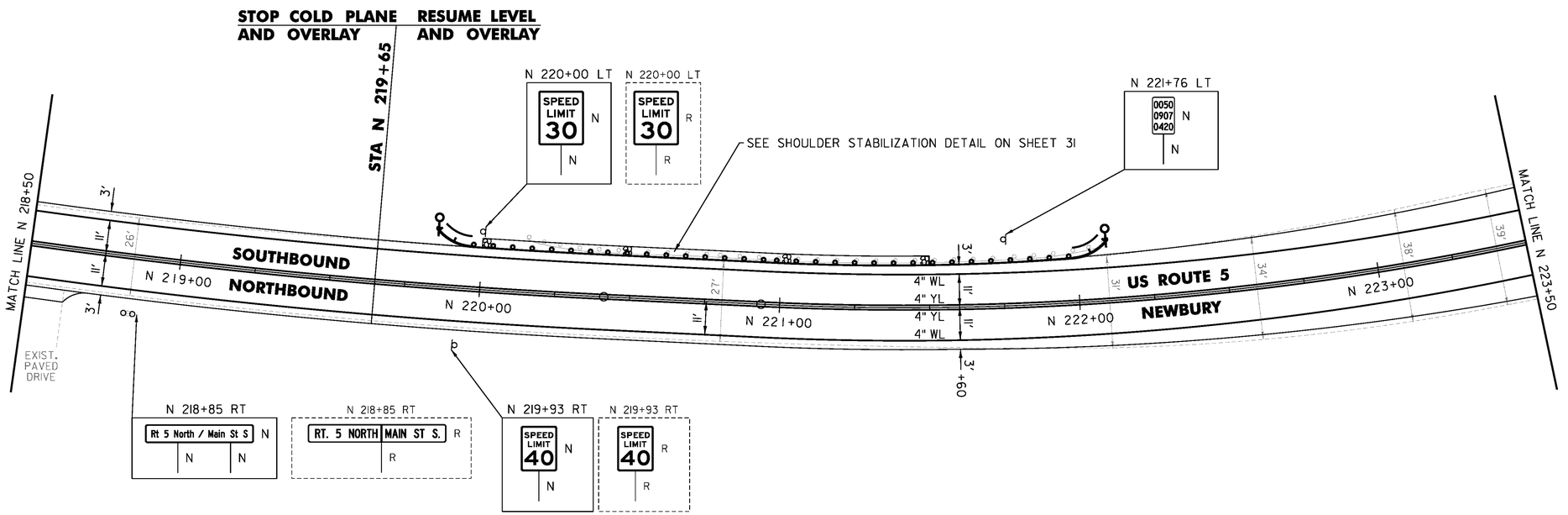
STEEL BEAM GUARDRAIL, GALVANIZED
N 219+85 TO N 222+10 LT

ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 220+15 TO N 222+10 LT

DELINEATOR WITH STEEL POST
N 219+85 LT
N 222+10 LT

REMOVING SIGNS
AS SHOWN - 3



NOT TO SCALE

CLD 14-0278

PROJECT NAME:	BRADFORD-RYEGATE
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PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 77	SHEET 135 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 223+50 TO N 229+50 SOLID LT
N 223+50 TO N 224+62 SOLID RT
N 224+62 TO N 225+12 SOLID RT (TH 54)
N 225+32 TO N 225+81 SOLID RT (TH 54)
N 225+81 TO N 229+50 SOLID RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 223+50 TO N 225+02 SOLID LT & RT
N 225+22 DOUBLE SOLID RT (TH 54)
N 225+42 TO N 229+50 SOLID LT & RT

TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
N 225+23 TO N 225+41 RT (TH 54)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
N 225+30 RT "STOP" (TH 54)

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, CLASS II
N 226+57 LT

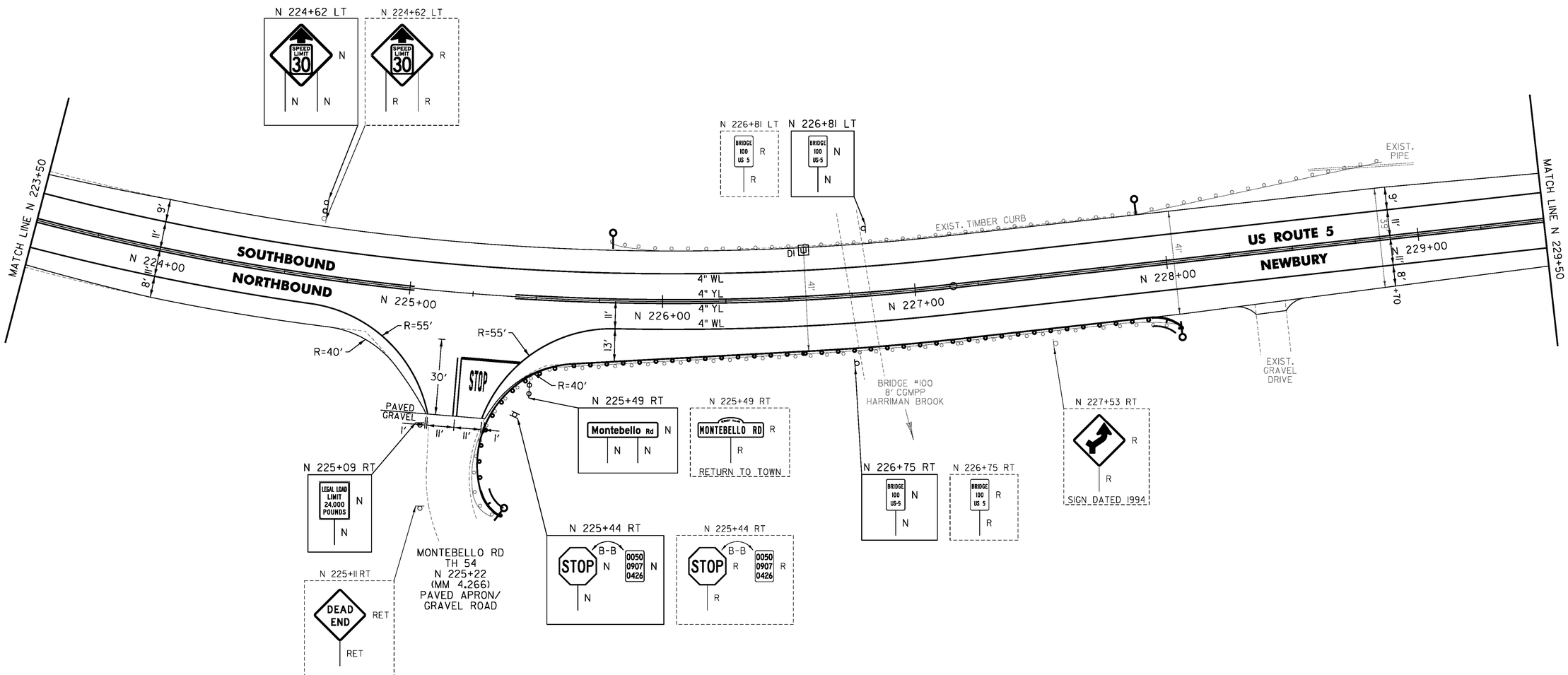
STEEL BEAM GUARDRAIL, GALVANIZED
N 225+41 TO N 228+03 RT

ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 225+38 TO N 228+03 RT

DELINEATOR WITH STEEL POST
N 225+37 RT
N 225+80 LT
N 228+03 RT
N 227+90 LT

REMOVING SIGNS
AS SHOWN - 7



NOT TO SCALE

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PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 78	SHEET 136 OF 239

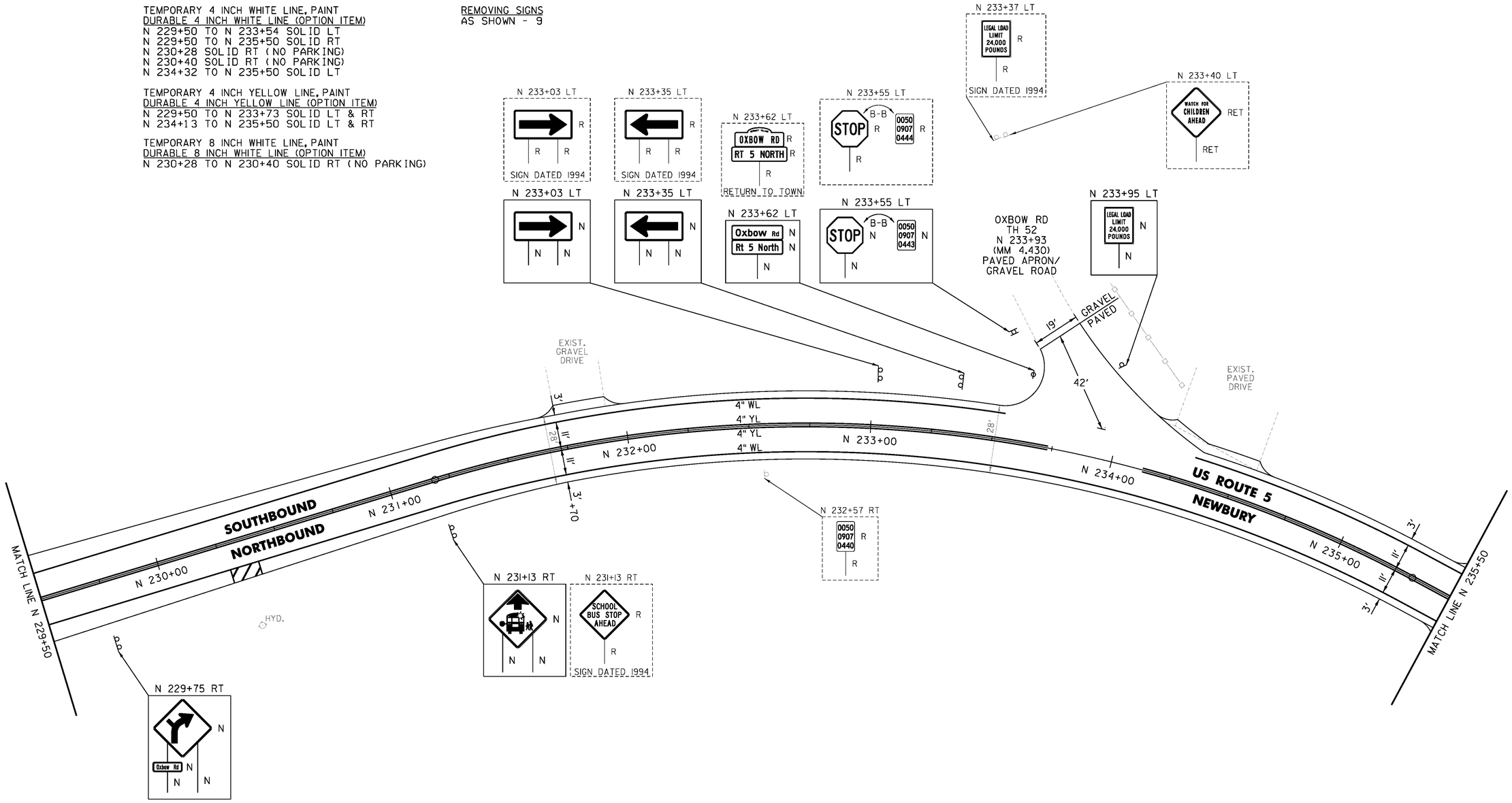
CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 229+50 TO N 233+54 SOLID LT
N 229+50 TO N 235+50 SOLID RT
N 230+28 SOLID RT (NO PARKING)
N 230+40 SOLID RT (NO PARKING)
N 234+32 TO N 235+50 SOLID LT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 229+50 TO N 233+73 SOLID LT & RT
N 234+13 TO N 235+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
N 230+28 TO N 230+40 SOLID RT (NO PARKING)

REMOVING SIGNS
AS SHOWN - 9



NOT TO SCALE

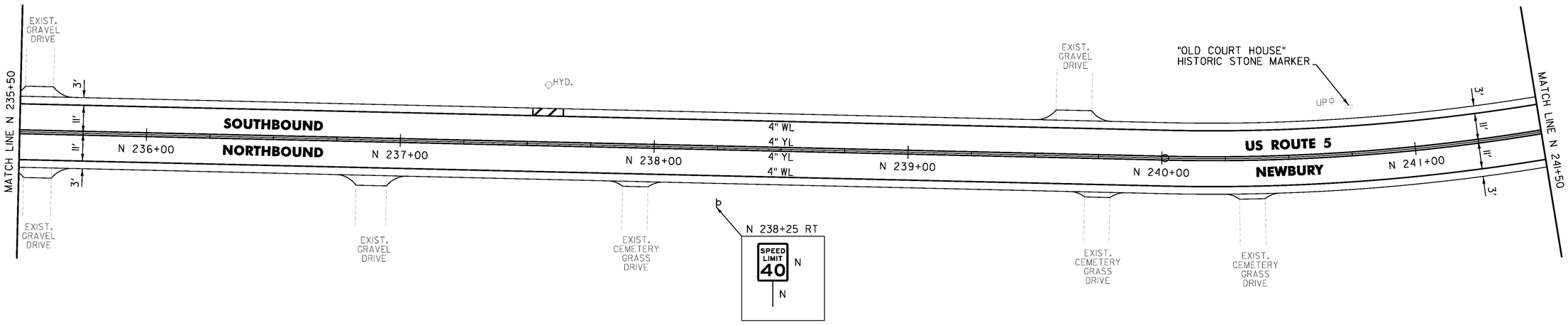
PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 79	SHEET 137 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 235+50 TO N 241+50 SOLID LT & RT
N 237+52 SOLID LT (NO PARKING)
N 237+64 SOLID LT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 235+50 TO N 241+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
N 237+52 TO N 237+64 SOLID LT (NO PARKING)



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 80	SHEET 138 OF 239

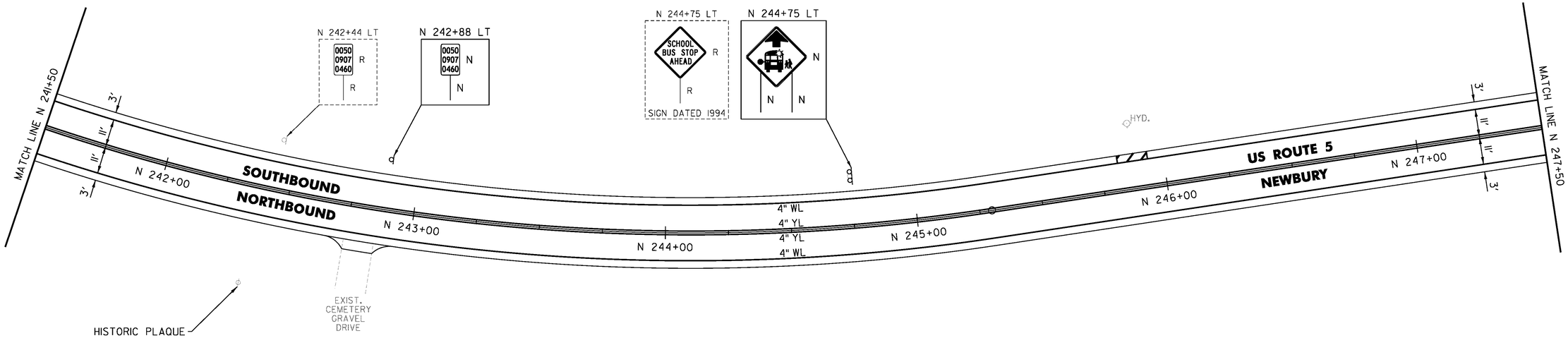
CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 241+50 TO N 247+50 SOLID LT & RT
N 245+82 SOLID LT (NO PARKING)
N 245+94 SOLID LT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 241+50 TO N 247+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
N 245+82 TO N 245+94 SOLID LT (NO PARKING)

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

CLD 14-0278

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 81	SHEET 139 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 247+50 TO N 253+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 247+50 TO N 253+50 SOLID LT & RT

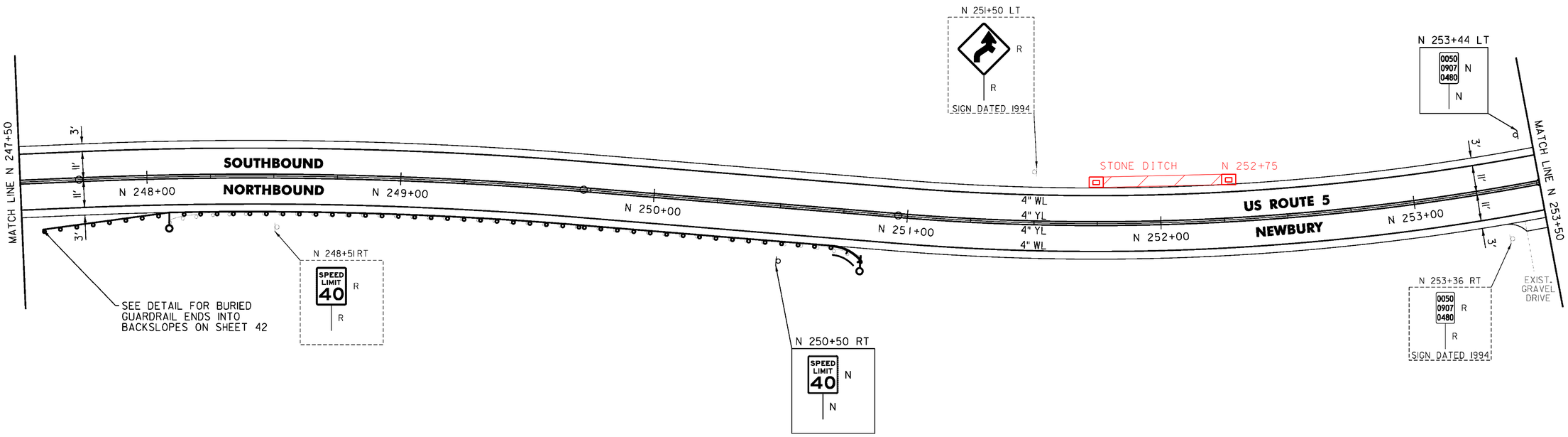
STEEL BEAM GUARDRAIL, GALVANIZED
N 247+58 TO N 250+83 RT

ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 248+08 TO N 250+83 RT

DELINEATOR WITH STEEL POST
N 248+07 RT
N 250+83 RT

REMOVING SIGNS
AS SHOWN - 3



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)

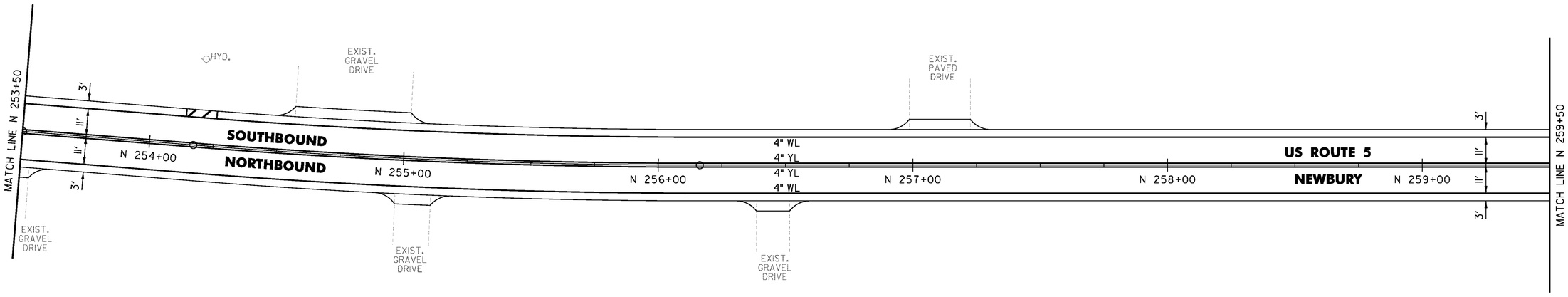
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 82	SHEET 140 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 253+50 TO N 259+50 SOLID LT & RT
N 254+14 SOLID LT (NO PARKING)
N 254+28 SOLID LT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 253+50 TO N 259+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
N 254+14 TO N 254+28 SOLID LT (NO PARKING)



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 83	SHEET 141 OF 239

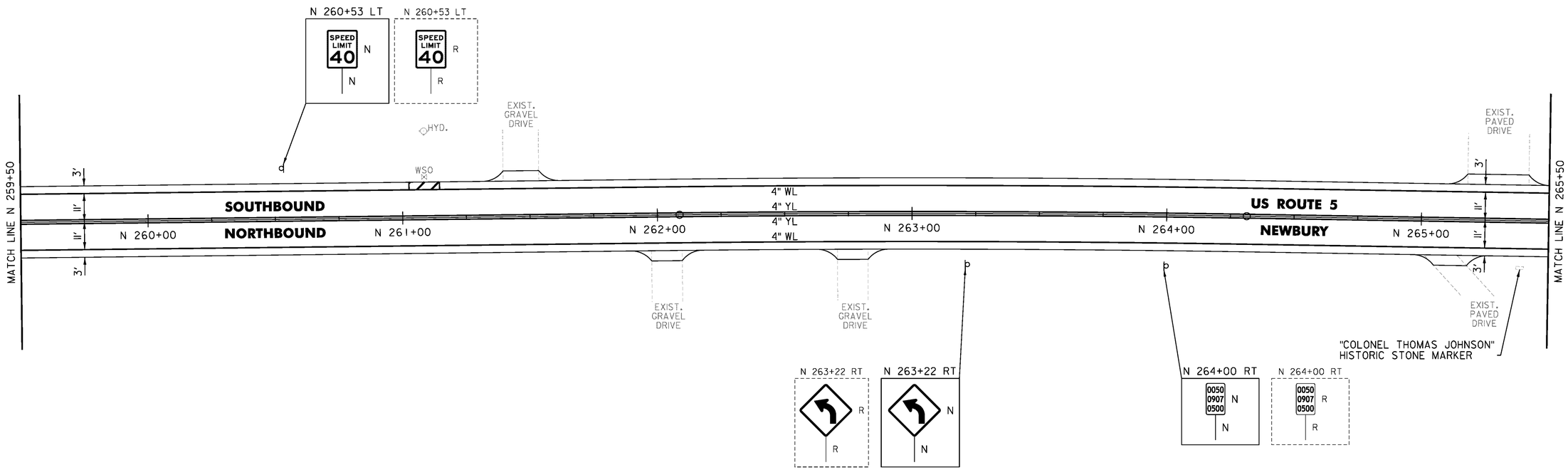
CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 259+50 TO N 265+50 SOLID LT & RT
N 261+03 SOLID LT (NO PARKING)
N 261+15 SOLID LT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 259+50 TO N 265+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
N 261+03 TO N 261+15 SOLID LT (NO PARKING)

REMOVING SIGNS
AS SHOWN - 3



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 84	SHEET 142 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 265+50 TO N 271+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 265+50 TO N 271+50 SOLID LT & RT

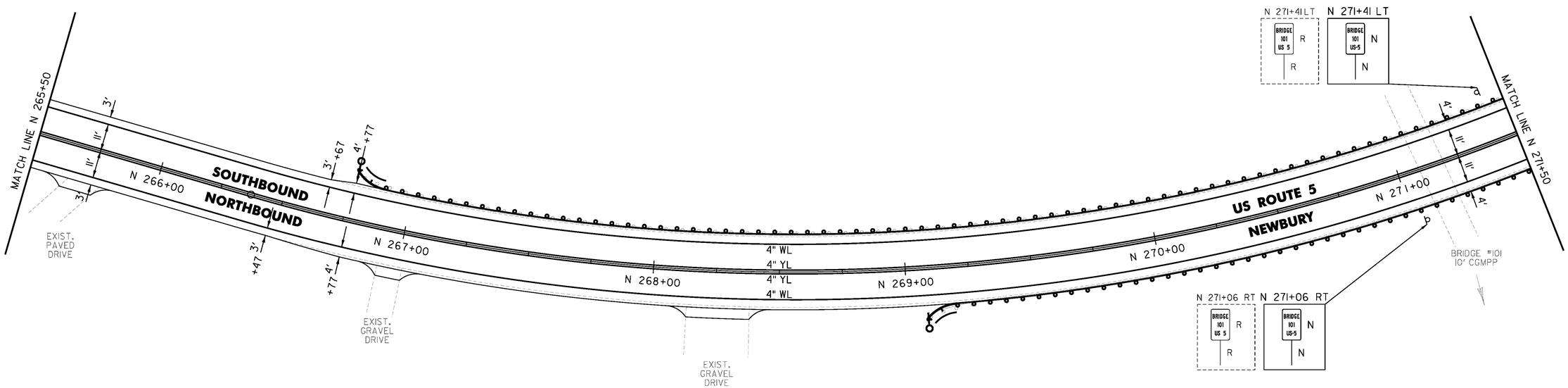
STEEL BEAM GUARDRAIL, GALVANIZED
N 266+77 TO N 271+50 LT
N 269+08 TO N 271+50 RT

ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 266+79 TO N 271+50 LT
N 269+08 TO N 271+50 RT

DELINEATOR WITH STEEL POST
N 266+77 LT
N 269+08 RT

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 85	SHEET 143 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 271+50 TO N 277+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
N 271+50 TO N 277+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 271+50 TO N 274+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 274+50 TO N 277+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 271+50 TO N 273+27 LT
N 271+50 TO N 277+50 RT

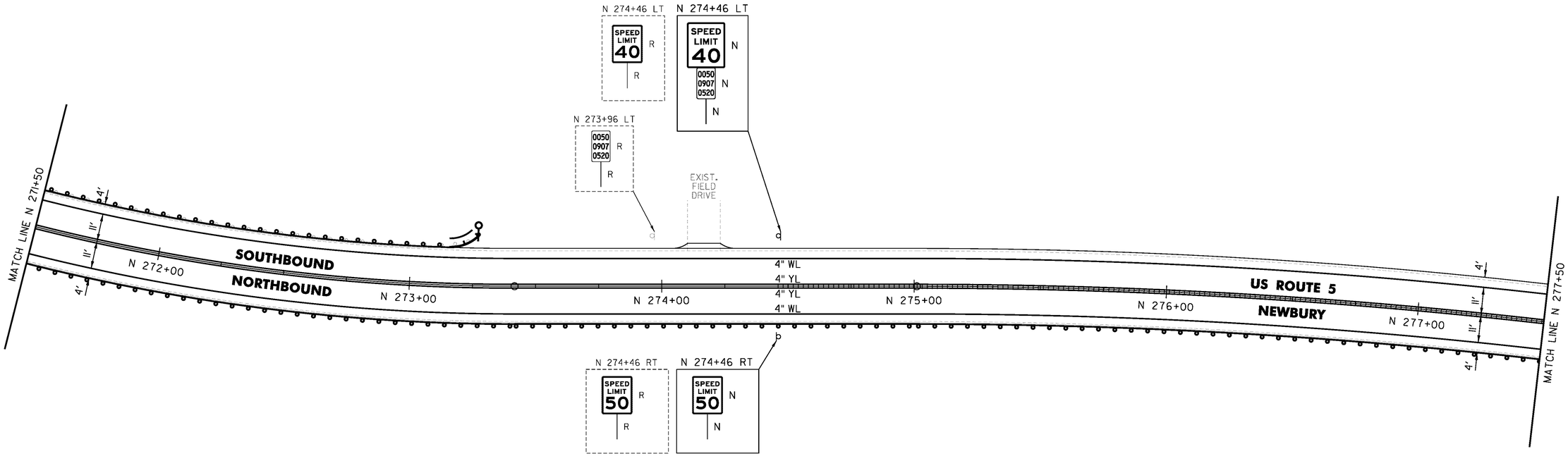
ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 271+50 TO N 273+24 LT
N 271+50 TO N 277+50 RT

DELINEATOR WITH STEEL POST
N 273+27 LT

MILLED RUMBLE STRIPS
N 274+50 TO N 277+50 CL

REMOVING SIGNS
AS SHOWN - 3



NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 86	SHEET 144 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 277+50 TO N 283+50 SOLID LT & RT

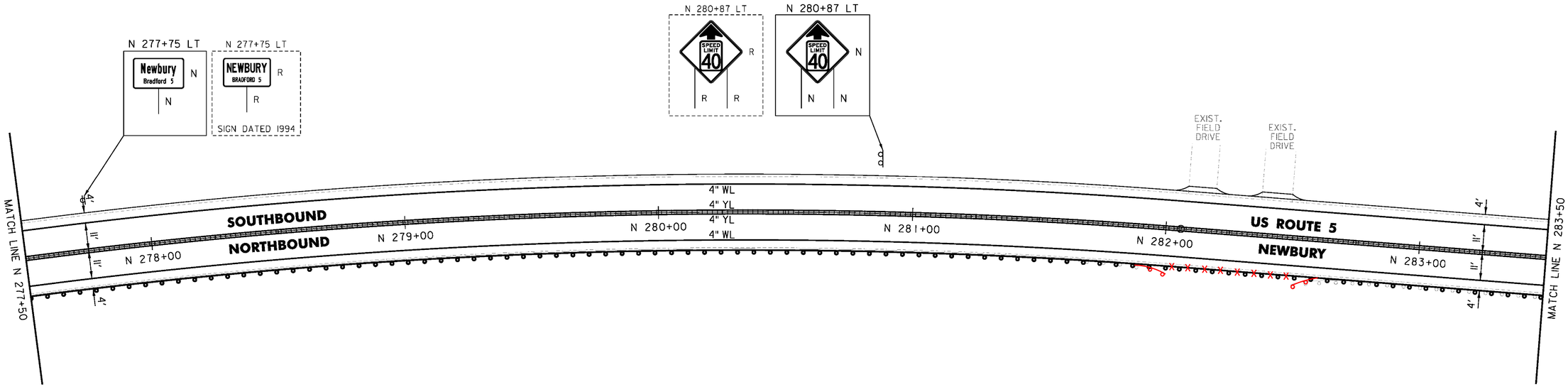
TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 277+50 TO N 283+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 277+50 TO N 283+50 RT

REMOVAL AND DISPOSAL OF GUARDRAIL
N 277+50 TO N 282+01 RT
N 282+51 TO N 283+50 RT

MILLED RUMBLE STRIPS
N 277+50 TO N 283+50 CL

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 87	SHEET 145 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 283+50 TO N 289+50 SOLID LT & RT

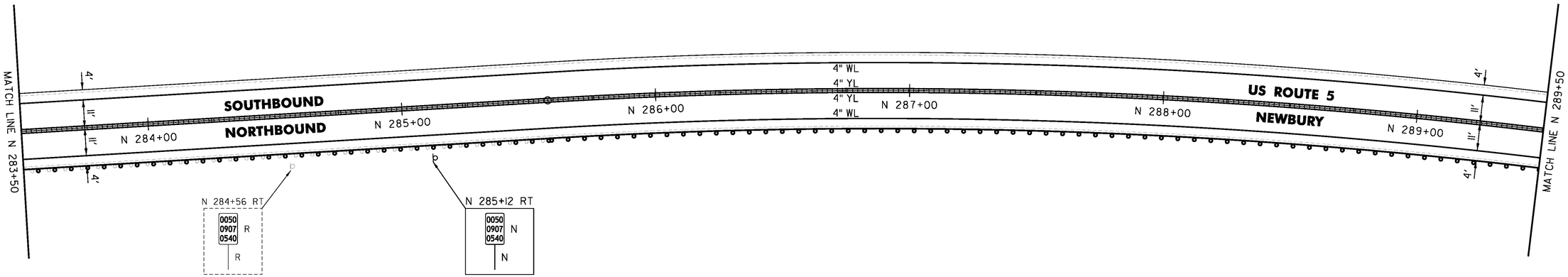
TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 283+50 TO N 289+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 283+50 TO N 289+50 RT

REMOVAL AND DISPOSAL OF GUARDRAIL
N 283+50 TO N 289+50 RT

MILLED RUMBLE STRIPS
N 283+50 TO N 289+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 88	SHEET 146 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 289+50 TO N 295+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 289+50 TO N 290+40 SOLID LT & RT
N 290+40 TO N 295+50 SOLID LT, DASHED RT

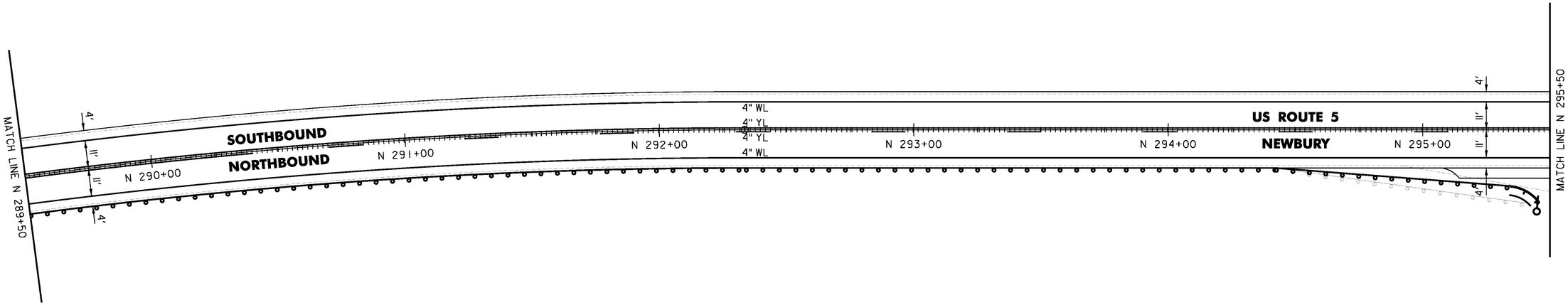
STEEL BEAM GUARDRAIL, GALVANIZED
N 289+50 TO N 295+45.5 RT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 289+50 TO N 295+42 RT

DELINEATOR WITH STEEL POST
N 295+45.5 RT

MILLED RUMBLE STRIPS
N 289+50 TO N 295+50 CL



NOT TO SCALE

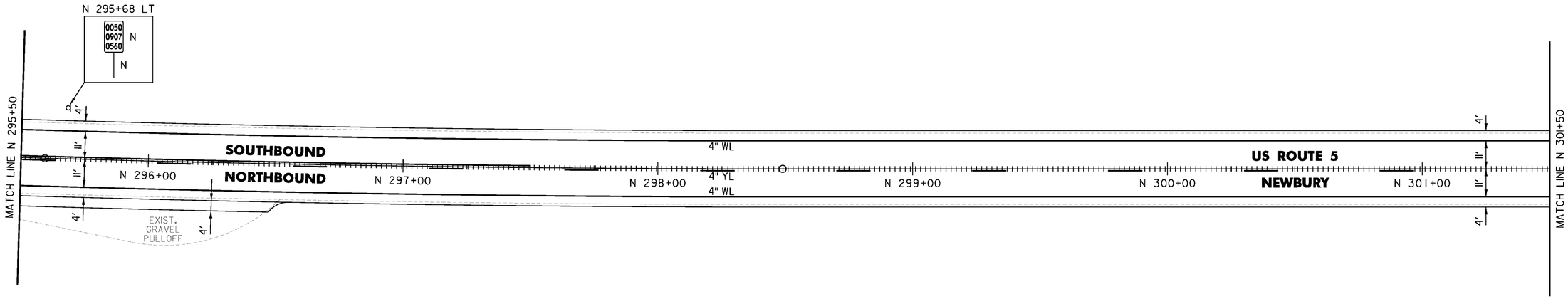
CLD 14-0278

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 89	SHEET 147 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 295+50 TO N 301+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 295+50 TO N 297+50 SOLID LT, DASHED RT
N 297+50 TO N 301+50 DASHED CL

MILLED RUMBLE STRIPS
N 295+50 TO N 301+50 CL



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 90	SHEET 148 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 301+50 TO N 307+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 301+50 TO N 307+50 DASHED LT, SOLID RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 304+61.5 TO N 307+50 RT
N 306+20 TO N 307+50 LT

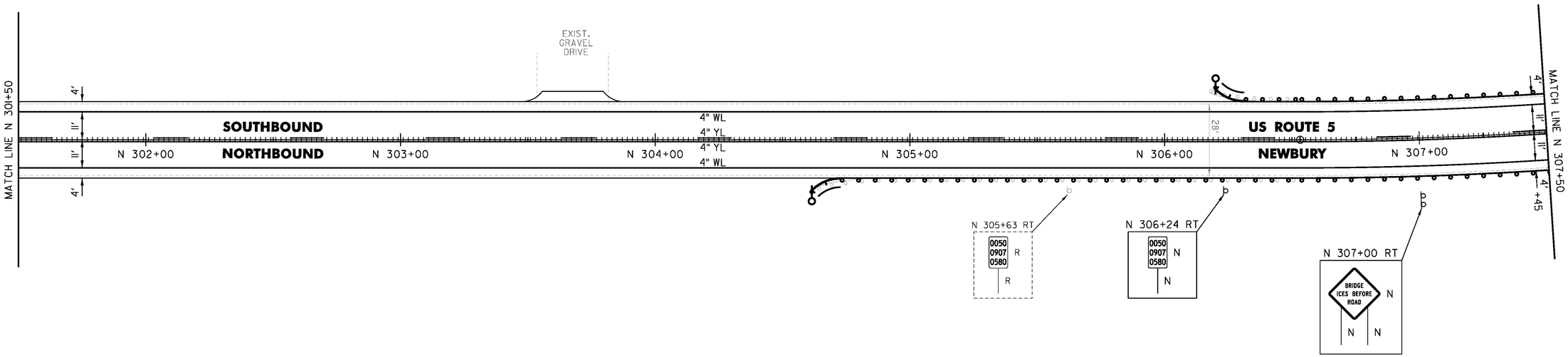
ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 304+64 TO N 307+50 RT
N 306+18 TO N 307+50 LT

DELINEATOR WITH STEEL POST
N 304+61.5 RT
N 306+20 LT

MILLED RUMBLE STRIPS
N 301+50 TO N 307+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 91	SHEET 149 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 307+50 TO N 313+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 307+50 TO N 308+35 DASHED LT, SOLID RT
N 308+35 TO N 313+50 SOLID LT & RT

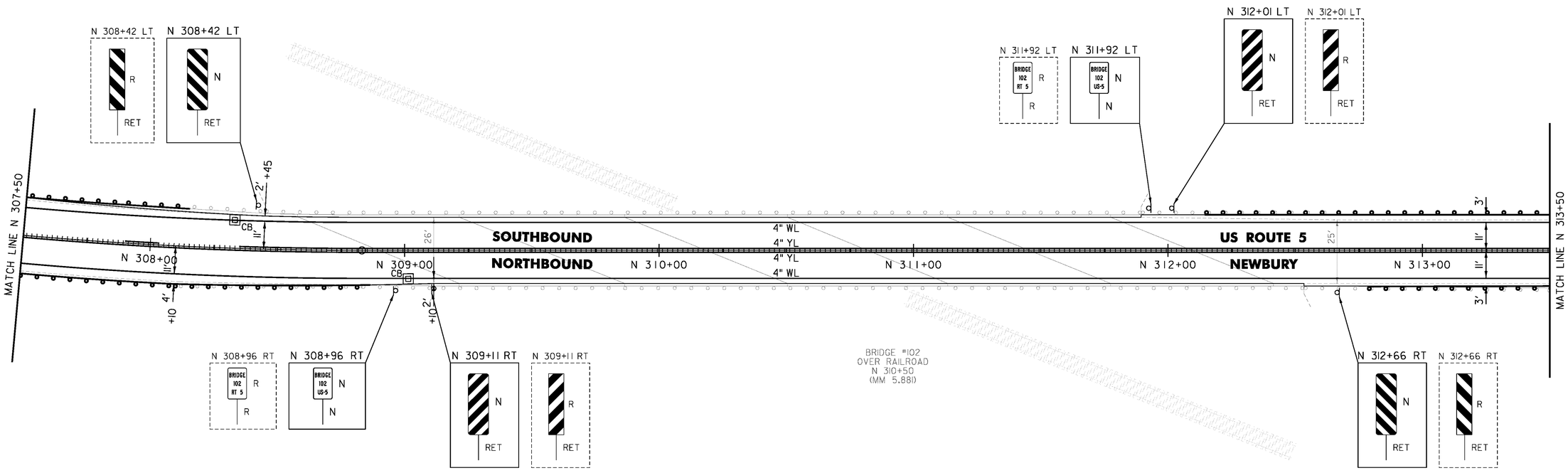
REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II
N 308+33 LT
N 309+01 RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 307+50 TO N 308+20 LT
N 307+50 TO N 308+86.5 RT
N 312+14.5 TO N 313+50 LT
N 312+78.5 TO N 313+50 RT

REMOVAL AND DISPOSAL OF GUARDRAIL
N 307+50 TO N 308+20 LT
N 307+50 TO N 308+86.5 RT
N 312+14.5 TO N 313+50 LT
N 312+78.5 TO N 313+50 RT

MILLED RUMBLE STRIPS
N 307+50 TO N 313+50 CL

REMOVING SIGNS
AS SHOWN - 6



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 92	SHEET 150 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 313+50 TO N 319+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 313+50 TO N 319+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 313+50 TO N 315+39.5 LT
N 313+50 TO N 313+78.5 RT
N 316+66 TO N 317+03.5 RT

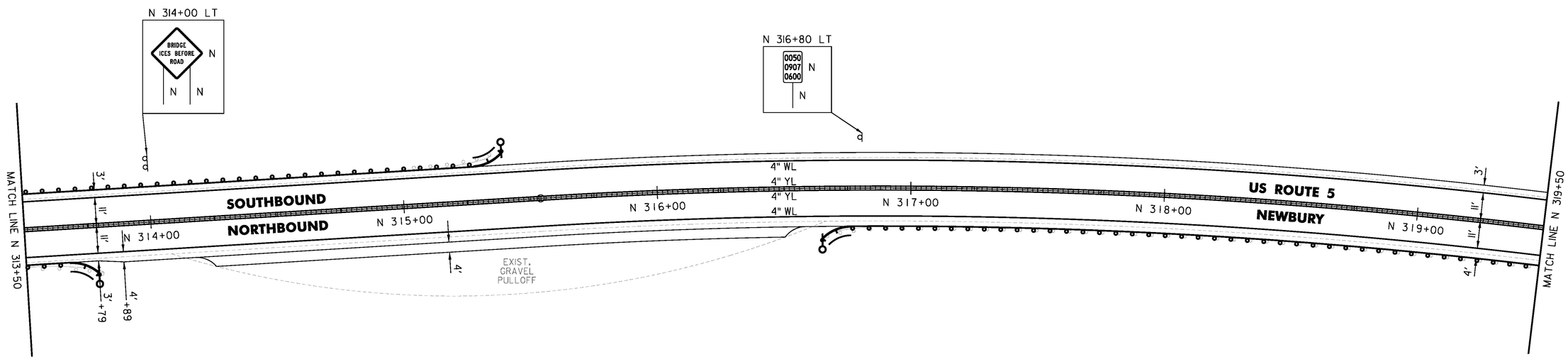
ANCHOR FOR STEEL BEAM RAIL
3 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 313+50 TO N 315+35 LT
N 313+50 TO N 313+80 RT
N 316+66 TO N 317+03.5 RT

DELINEATOR WITH STEEL POST
N 313+78.5 RT
N 315+39.5 LT
N 316+66 RT

REMOVE AND RESET GUARDRAIL
N 317+03.5 TO N 319+50 RT

MILLED RUMBLE STRIPS
N 313+50 TO N 319+50 CL



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 93	SHEET 151 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 319+50 TO N 325+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
N 319+50 TO N 325+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 320+00 TO N 322+00 SOLID LT & RT

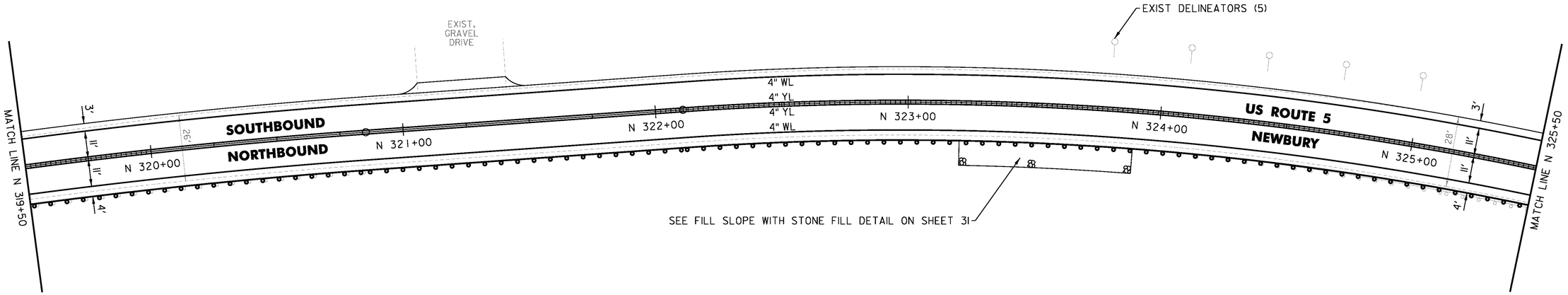
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 319+50 TO N 320+00 SOLID LT & RT
N 322+00 TO N 325+50 SOLID LT & RT

REMOVE AND RESET GUARDRAIL
N 319+50 TO N 325+50 RT

MILLED RUMBLE STRIPS
N 319+50 TO N 320+00 CL
N 322+00 TO N 325+50 CL

GRUBBING MATERIAL (6")
STONE FILL, TYPE I
N 323+20 TO N 323+90 RT

REMOVAL OF EXISTING DELINEATOR
AS SHOWN - 5



NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 94	SHEET 152 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 325+50 TO N 331+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 325+50 TO N 327+65 SOLID LT & RT
N 327+65 TO N 331+50 SOLID LT, DASHED RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 326+53.5 TO N 326+91 RT
N 329+25 TO N 329+62.5 RT
N 331+33 TO N 331+50 LT

ANCHOR FOR STEEL BEAM RAIL
3 (SEE STANDARD G-1d)

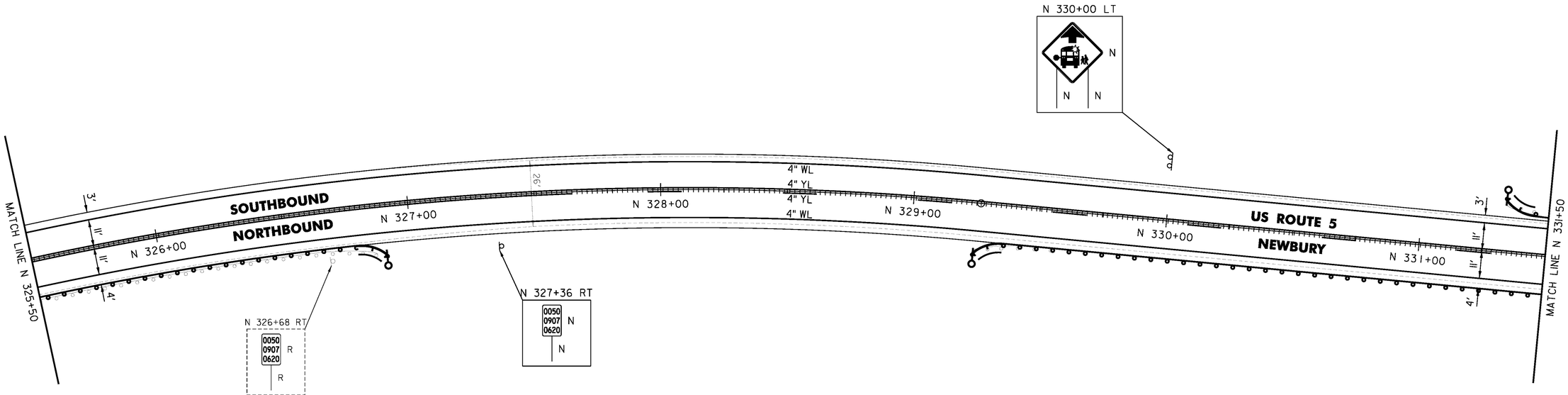
REMOVAL AND DISPOSAL OF GUARDRAIL
N 326+53.5 TO N 326+91 RT
N 329+25 TO N 329+62.5 RT
N 331+33 TO N 331+50 LT

DELINEATOR WITH STEEL POST
N 326+91 RT
N 329+25 RT
N 331+33 LT

REMOVE AND RESET GUARDRAIL
N 325+50 TO N 326+53.5 RT
N 329+62.5 TO N 331+50 RT

MILLED RUMBLE STRIPS
N 325+50 TO N 331+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: zl0c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 95	SHEET 153 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 331+50 TO N 337+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 331+50 TO N 334+25 SOLID LT, DASHED RT
N 334+25 TO N 335+00 SOLID LT & RT
N 335+00 TO N 337+50 DASHED LT, SOLID RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 331+50 TO N 331+70.5 LT
N 332+95.5 TO N 333+33 LT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

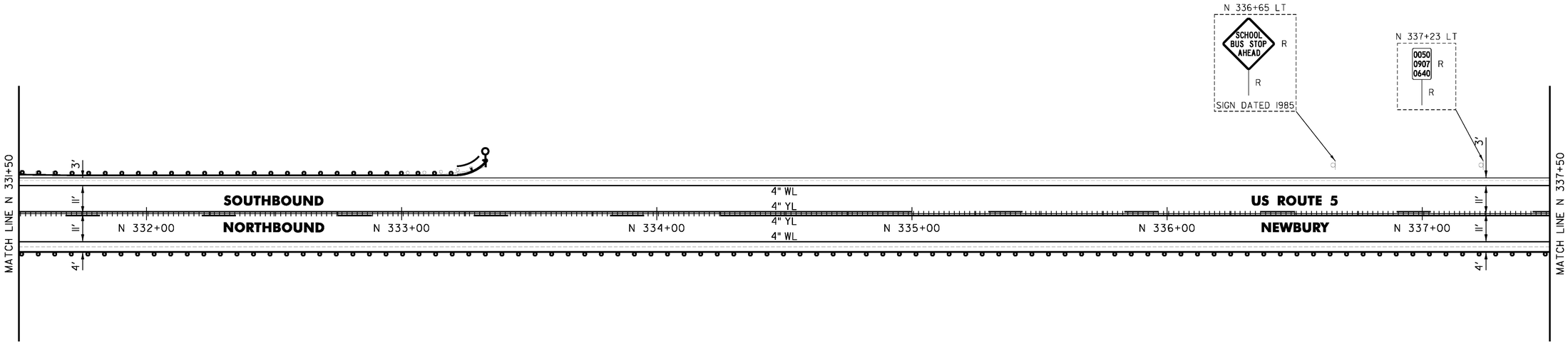
REMOVE AND RESET GUARDRAIL
N 331+70.5 TO N 332+95.5 LT
N 331+50 TO N 337+50 RT

REMOVAL AND DISPOSAL OF GUARDRAIL
N 331+50 TO N 331+70.5 LT
N 332+95.5 TO N 333+33 LT

DELINEATOR WITH STEEL POST
N 333+33 LT

MILLED RUMBLE STRIPS
N 331+50 TO N 337+50 CL

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 96	SHEET 154 OF 239

CLD 14-0278

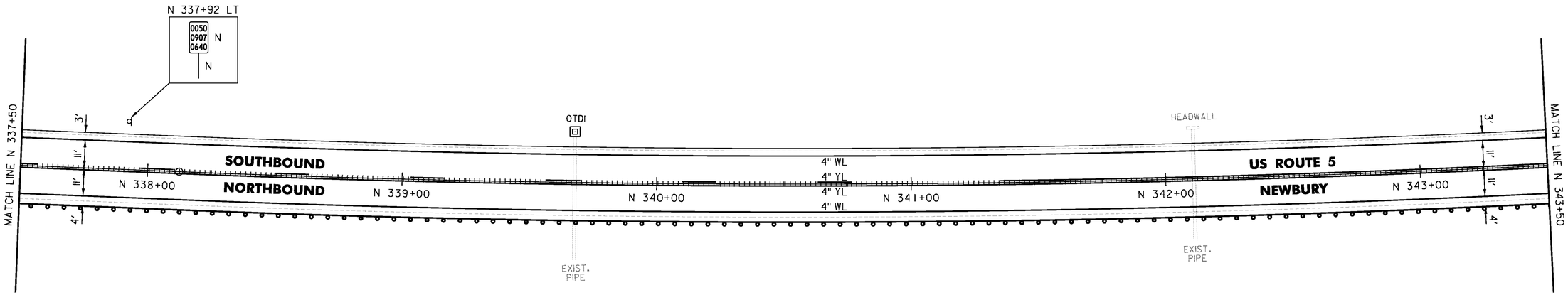
TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 337+50 TO N 343+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 337+50 TO N 341+35 DASHED LT, SOLID RT
N 341+35 TO N 343+50 SOLID LT & RT

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, CLASS II
N 339+68 LT (OTDI)

REMOVE AND RESET GUARDRAIL
N 337+50 TO N 343+50 RT

MILLED RUMBLE STRIPS
N 337+50 TO N 343+50 CL



NOT TO SCALE

CLD 14-0278

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 97	SHEET 155 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 343+50 TO N 349+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 343+50 TO N 349+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 344+80.5 TO N 345+18 LT
N 346+85.5 TO N 347+23 LT

ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

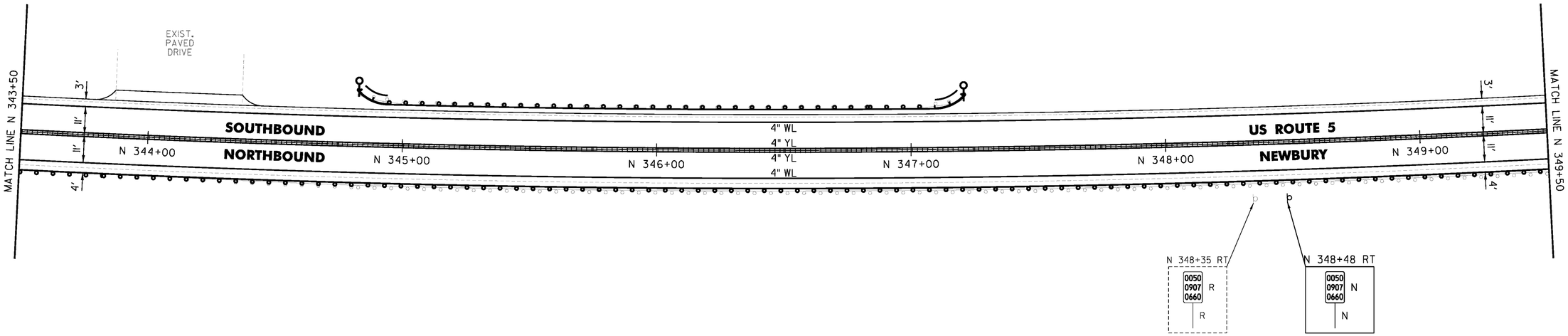
REMOVAL AND DISPOSAL OF GUARDRAIL
N 344+80.5 TO N 345+18 LT
N 346+85.5 TO N 347+23 LT

DELINEATOR WITH STEEL POST
N 344+80.5 LT
N 347+23 LT

MILLED RUMBLE STRIPS
N 343+50 TO N 349+50 CL

REMOVE AND RESET GUARDRAIL
N 343+50 TO N 349+50 RT
N 345+18 TO N 346+85.5 LT

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

CLD 14-0278

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 98	SHEET 156 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 349+50 TO N 355+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 349+50 TO N 355+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 350+47.5 TO N 352+35 LT

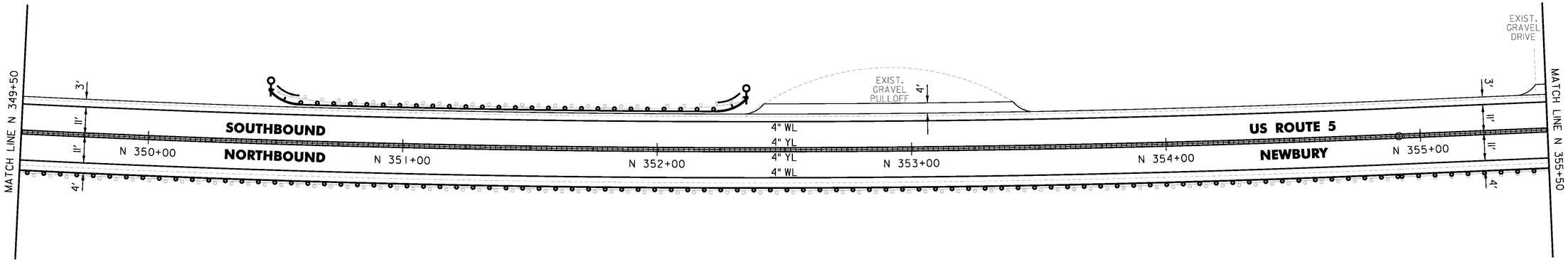
ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 350+50 TO N 352+35 LT

DELINEATOR WITH STEEL POST
N 350+47.5 LT
N 352+35 LT

REMOVE AND RESET GUARDRAIL
N 349+50 TO N 355+50 RT

MILLED RUMBLE STRIPS
N 349+50 TO N 355+50 CL



NOT TO SCALE

CLD 14-0278

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 99	SHEET 157 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 355+50 TO N 361+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 355+50 TO N 360+10 SOLID LT & RT
N 360+10 TO N 361+50 SOLID LT, DASHED RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 356+82.5 TO N 357+20 LT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

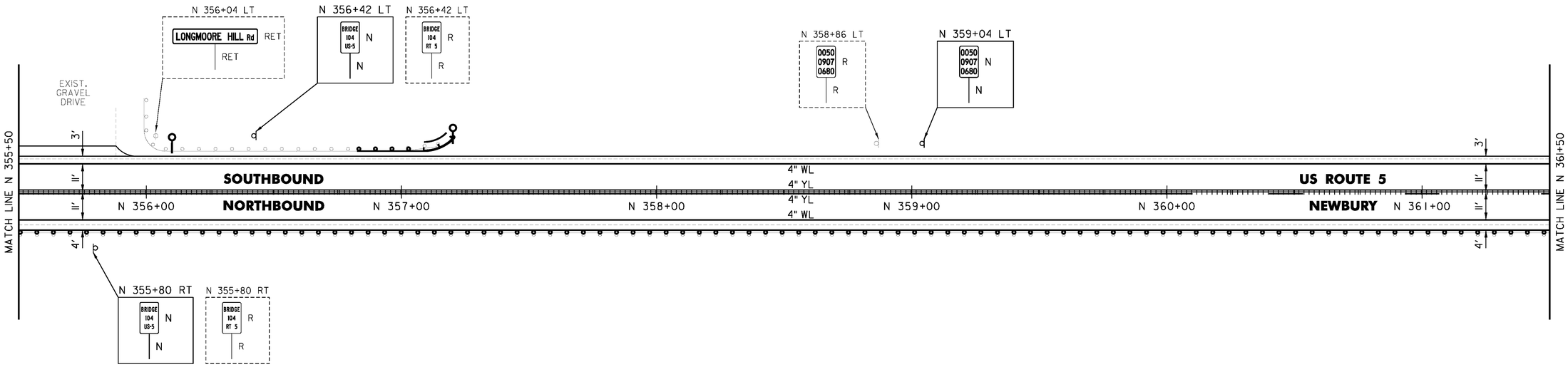
REMOVAL AND DISPOSAL OF GUARDRAIL
N 356+82.5 TO N 357+20 LT

DELINEATOR WITH STEEL POST
N 356+10 LT
N 357+20 LT

REMOVE AND RESET GUARDRAIL
N 355+50 TO N 361+50 RT

MILLED RUMBLE STRIPS
N 355+50 TO N 361+50 CL

REMOVING SIGNS
AS SHOWN - 3



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 100	SHEET 158 OF 239

CLD 14-0278

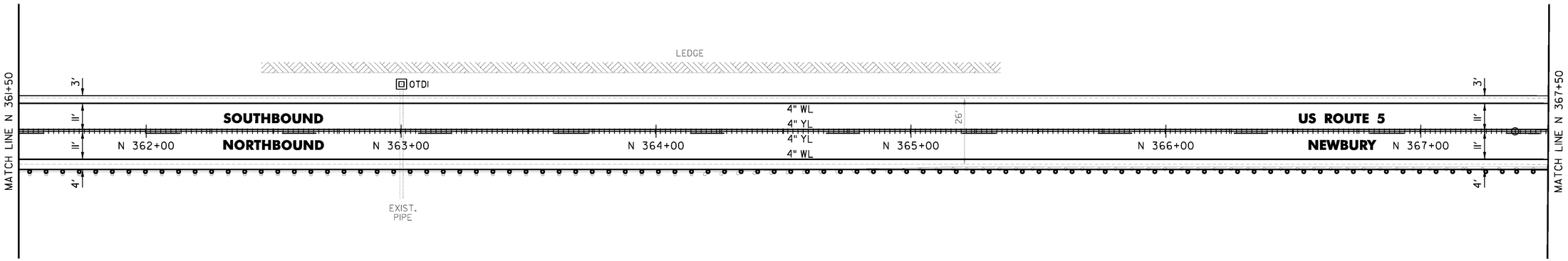
TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 361+50 TO N 367+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 361+50 TO N 367+50 SOLID LT, DASHED RT

REMOVE AND RESET GUARDRAIL
N 361+50 TO N 367+50 RT

MILLED RUMBLE STRIPS
N 361+50 TO N 367+50 CL

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, CLASS II
N 363+00 LT



NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 101	SHEET 159 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 367+50 TO N 373+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 367+50 TO N 373+50 DASHED CL

STEEL BEAM GUARDRAIL, GALVANIZED
N 370+00 TO N 370+25 RT
N 370+33 RT (12.5')
N 370+54.5 RT (12.5')
N 370+62.5 TO N 370+75 RT
N 373+35 TO N 373+50 LT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

SPECIAL PROVISION (STEEL BEAM
GUARDRAIL GALVANIZED) (8 FEET RADIUS)
N 370+25 RT
N 370+62.5 RT

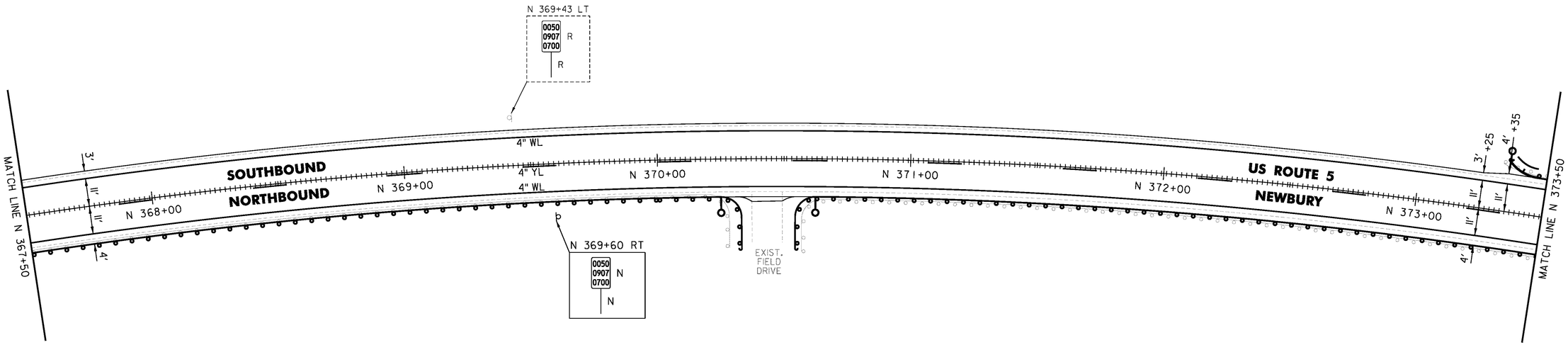
REMOVE AND RESET GUARDRAIL
N 367+50 TO N 370+00 RT
N 370+75 TO N 373+50 RT

REMOVAL AND DISPOSAL OF GUARDRAIL
N 370+00 TO N 370+28 RT
N 370+57 TO N 370+75 RT
N 373+32 TO N 373+50 LT

DELINEATOR WITH STEEL POST
N 370+25 RT
N 370+62.5 RT
N 373+35 LT

MILLED RUMBLE STRIPS
N 367+50 TO N 373+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 102	SHEET 160 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 373+50 TO N 379+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
N 373+50 TO N 379+50 DASHED CL

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 378+00 TO N 379+50 DASHED CL

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 373+50 TO N 378+00 DASHED CL

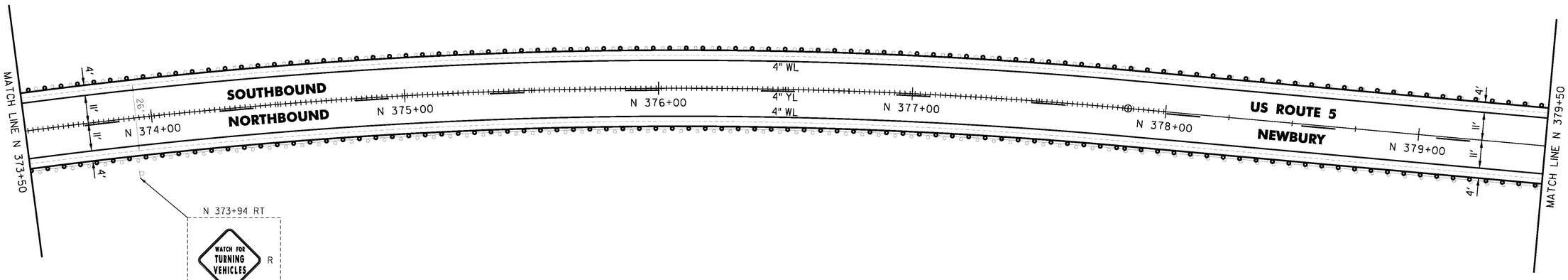
REMOVE AND RESET GUARDRAIL
N 373+50 TO N 379+50 RT

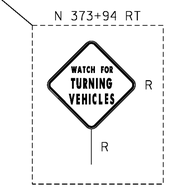
STEEL BEAM GUARDRAIL, GALVANIZED
N 373+50 TO N 379+50 LT

REMOVAL AND DISPOSAL OF GUARDRAIL
N 373+50 TO N 379+50 LT

MILLED RUMBLE STRIPS
N 373+50 TO N 378+00 CL

REMOVING SIGNS
AS SHOWN - 1





NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 103	SHEET 161 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 379+50 TO N 384+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
N 379+50 TO N 384+50 DASHED CL

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 379+50 TO N 381+50 DASHED CL

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 381+50 TO N 384+50 DASHED CL

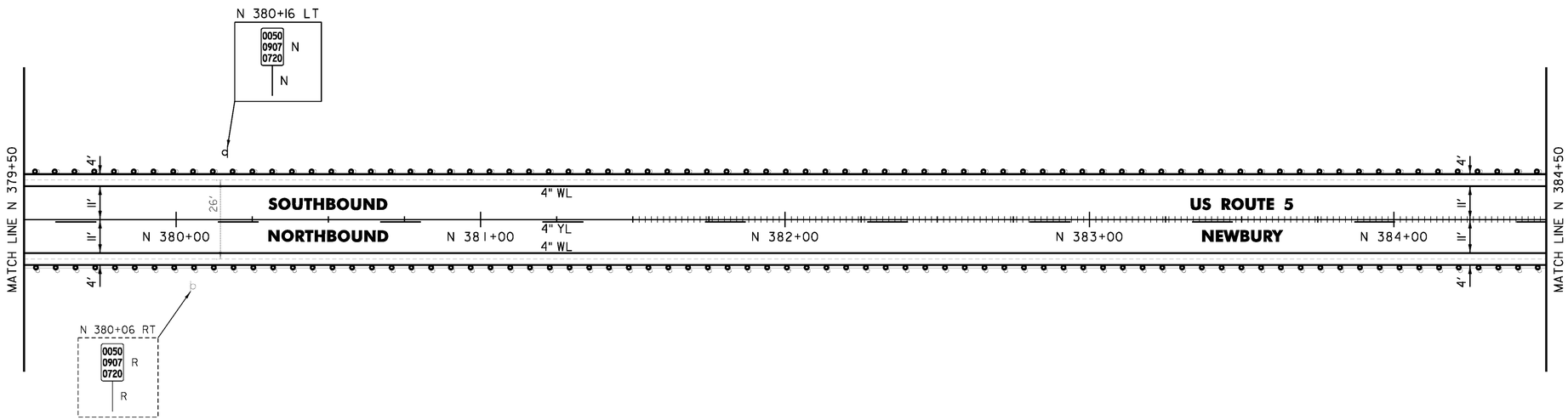
REMOVE AND RESET GUARDRAIL
N 379+50 TO N 384+50 RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 379+50 TO N 384+50 LT

REMOVAL AND DISPOSAL OF GUARDRAIL
N 379+50 TO N 384+50 LT

MILLED RUMBLE STRIPS
N 381+50 TO N 384+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 104	SHEET 162 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 384+50 TO N 390+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 384+50 TO N 390+50 DASHED CL

STEEL BEAM GUARDRAIL, GALVANIZED
N 384+50 TO N 384+97.5 LT
N 385+05.5 LT (12.5')
N 388+01 LT (12.5')
N 388+08.5 RT (12.5')
N 388+09 TO N 388+21.5 LT
N 388+28.5 RT (12.5')

REMOVE AND RESET GUARDRAIL
N 384+50 TO N 388+00 RT
N 388+21.5 TO N 390+50 LT
N 388+36.5 TO N 390+50 RT

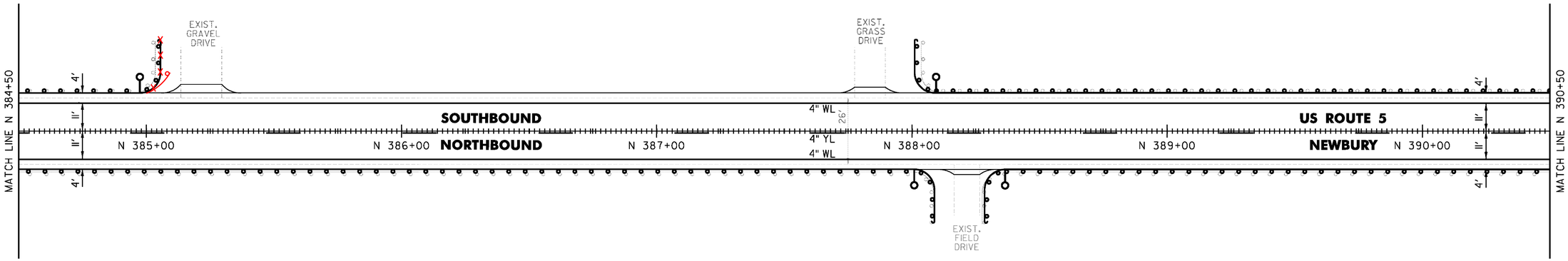
REMOVAL AND DISPOSAL OF GUARDRAIL
N 384+50 TO N 385+04 LT
N 388+00 TO N 388+09 RT
N 388+04 TO N 388+21.5 LT
N 388+28 TO N 388+36 RT

DELINEATOR WITH STEEL POST
N 384+97.5 LT
N 388+00 RT
N 388+12 LT
N 388+36.5 RT

SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALVANIZED) (8 FEET RADIUS)
~~N 384+97.5 LT~~
N 388+00 RT
N 388+09 LT
N 388+36.5 RT

MILLED RUMBLE STRIPS
N 384+50 TO N 390+50 CL

ANCHOR FOR SBGR
IEA STA384+97.5 LT



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 105	SHEET 163 OF 239

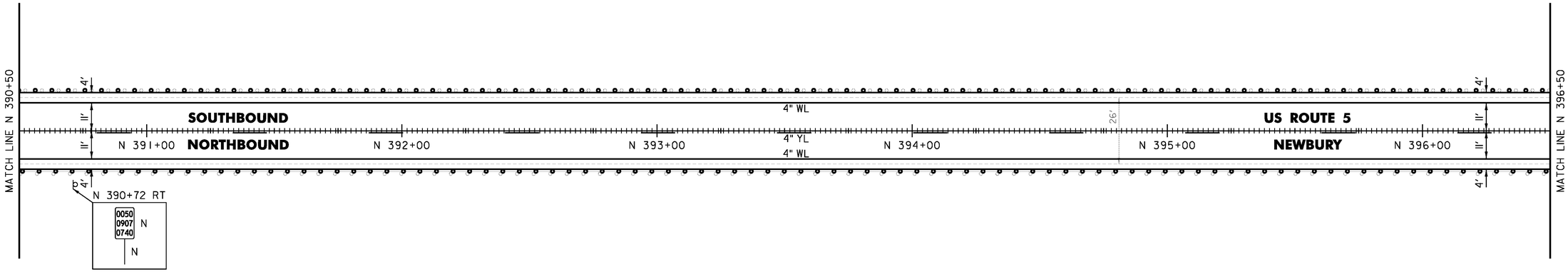
CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 390+50 TO N 396+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 390+50 TO N 396+50 DASHED CL

REMOVE AND RESET GUARDRAIL
N 390+50 TO N 396+50 LT
N 390+50 TO N 396+50 RT

MILLED RUMBLE STRIPS
N 390+50 TO N 396+50 CL



NOT TO SCALE

CLD 14-0278

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 106	SHEET 164 OF 239

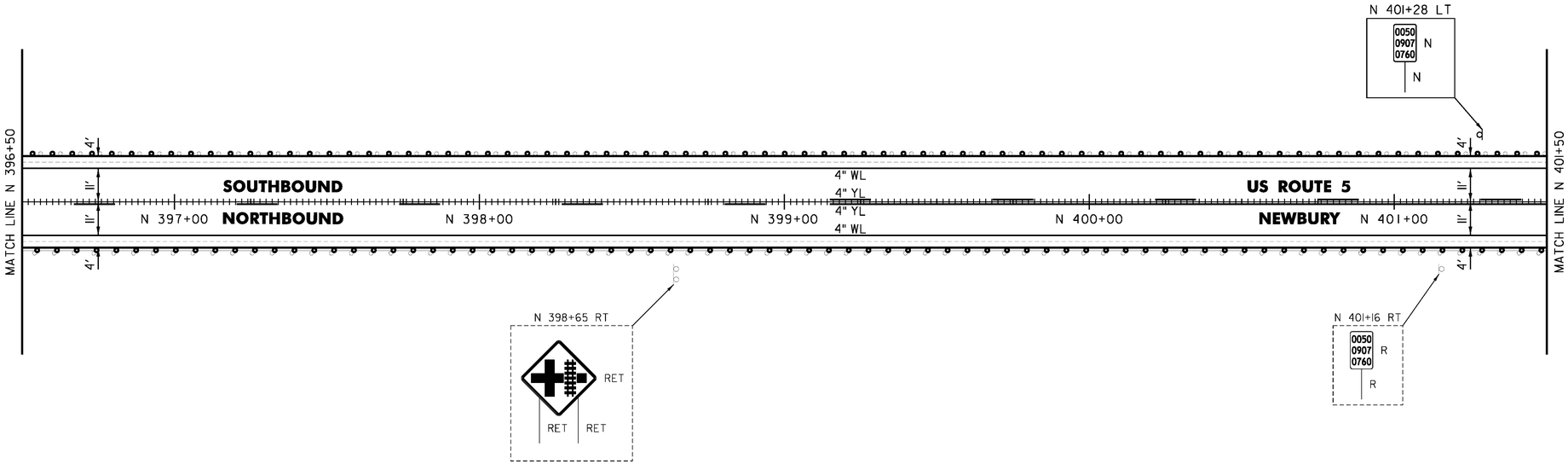
TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 396+50 TO N 401+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 396+50 TO N 399+15 DASHED CL
N 399+15 TO N 401+50 DASHED LT, SOLID RT

REMOVE AND RESET GUARDRAIL
N 396+50 TO N 401+50 LT
N 396+50 TO N 401+50 RT

MILLED RUMBLE STRIPS
N 396+50 TO N 401+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 107	SHEET 165 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 401+50 TO N 407+50 SOLID LT
N 401+50 TO N 402+56 SOLID RT
N 402+56 TO N 402+87 SOLID RT (TH 30)
N 403+11 TO N 403+30 SOLID RT (TH 30)
N 403+30 TO N 407+50 SOLID RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
N 401+50 TO N 402+75 DASHED LT, SOLID RT
N 402+95 TO N 402+99 DOUBLE SOLID RT (TH 30)
N 403+15 TO N 404+45 SOLID LT & RT
N 404+45 TO N 407+50 SOLID LT, DASHED RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 402+95 TO N 402+99 DOUBLE SOLID RT (TH 30)

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 401+50 TO N 402+75 DASHED LT, SOLID RT
N 403+15 TO N 404+45 SOLID LT & RT
N 404+45 TO N 407+50 SOLID LT, DASHED RT

TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
N 402+96 TO N 403+14 RT

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
N 403+04 RT "STOP"

STEEL BEAM GUARDRAIL, GALVANIZED
N 402+54.5 LT (12.5')
N 402+61.5 TO N 402+73 RT
N 403+17 TO N 403+18 RT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

REMOVE AND RESET GUARDRAIL
N 401+50 TO N 402+46.5 LT
N 401+50 TO N 402+61.5 RT
N 403+17 TO N 407+50 RT

REMOVAL AND DISPOSAL OF GUARDRAIL
N 402+46.5 TO N 402+55 LT
N 402+61.5 TO N 402+79 RT
N 403+17 TO N 403+33 RT

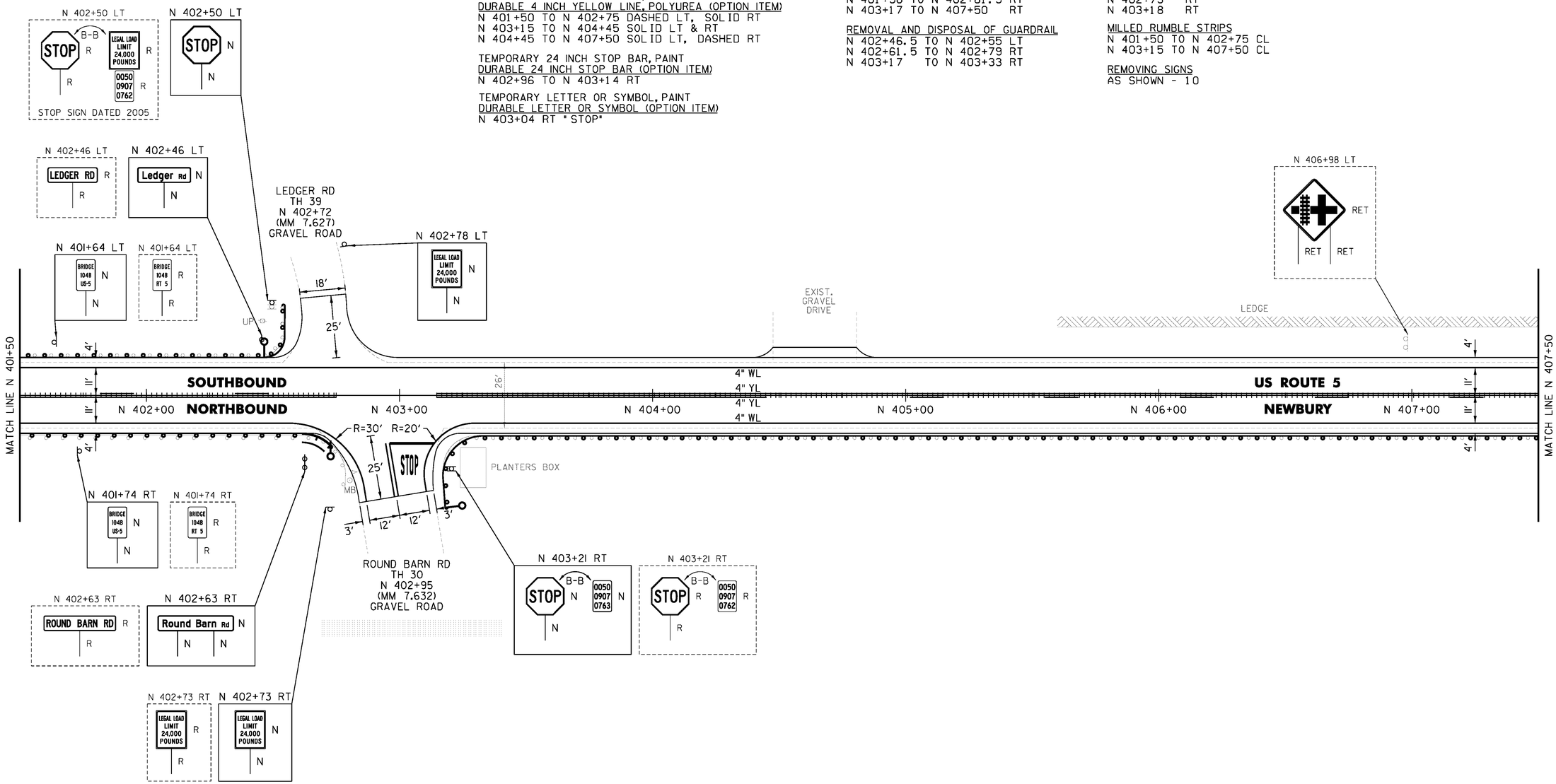
SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALVANIZED) (8 FEET RADIUS)
N 402+46.5 LT

SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALVANIZED) (16 FEET RADIUS)
N 403+33 RT

DELINEATOR WITH STEEL POST
N 402+46.5 LT
N 402+73 RT
N 403+18 RT

MILLED RUMBLE STRIPS
N 401+50 TO N 402+75 CL
N 403+15 TO N 407+50 CL

REMOVING SIGNS
AS SHOWN - 10



NOT TO SCALE

CLD 14-0278

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 108	SHEET 166 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 407+50 TO N 413+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 407+50 TO N 408+15 SOLID LT, DASHED RT
N 408+15 TO N 411+85 DASHED CL
N 411+85 TO N 413+50 DASHED LT, SOLID RT

REMOVE AND RESET GUARDRAIL
N 407+50 TO N 413+50 RT
N 409+61.5 TO N 413+50 LT

STEEL BEAM GUARDRAIL, GALVANIZED
N 409+24 TO N 409+61.5 LT

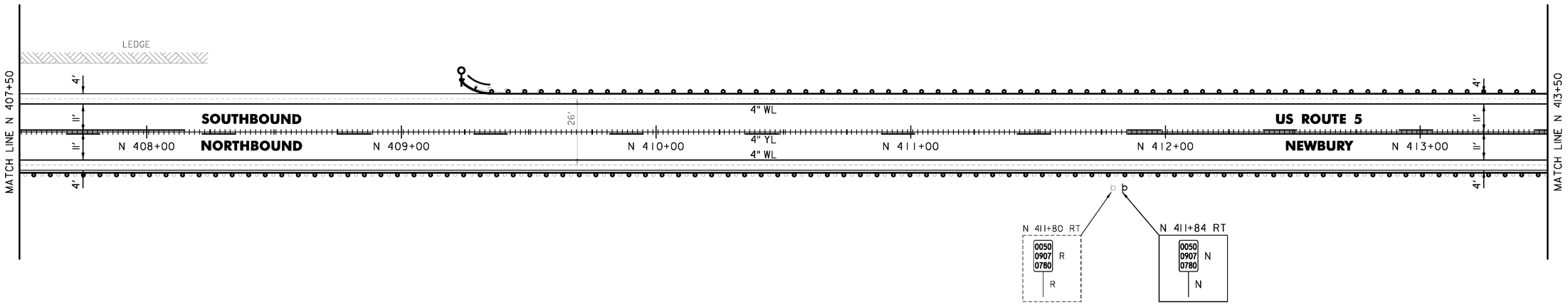
ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 409+24 TO N 409+61.5 LT

DELINEATOR WITH STEEL POST
N 409+24 LT

MILLED RUMBLE STRIPS
N 407+50 TO N 413+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 109	SHEET 167 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 413+50 TO N 416+94 SOLID LT
N 413+50 TO N 419+50 SOLID RT
N 417+74 TO N 419+50 SOLID LT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 413+50 TO N 417+14 DASHED LT, SOLID RT
N 417+54 TO N 419+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 417+11.5 LT (12.5')
N 417+15 TO N 417+19.5 LT
N 417+41 RT (12.5')
N 417+50.5 LT (12.5')
N 417+58.5 TO N 419+50 LT
N 417+66 RT (12.5')
N 417+74 TO N 417+86.5 RT

REMOVE AND RESET GUARDRAIL
N 413+50 TO N 416+99 LT
N 413+50 TO N 417+33 RT
N 417+86.5 TO N 419+50 RT

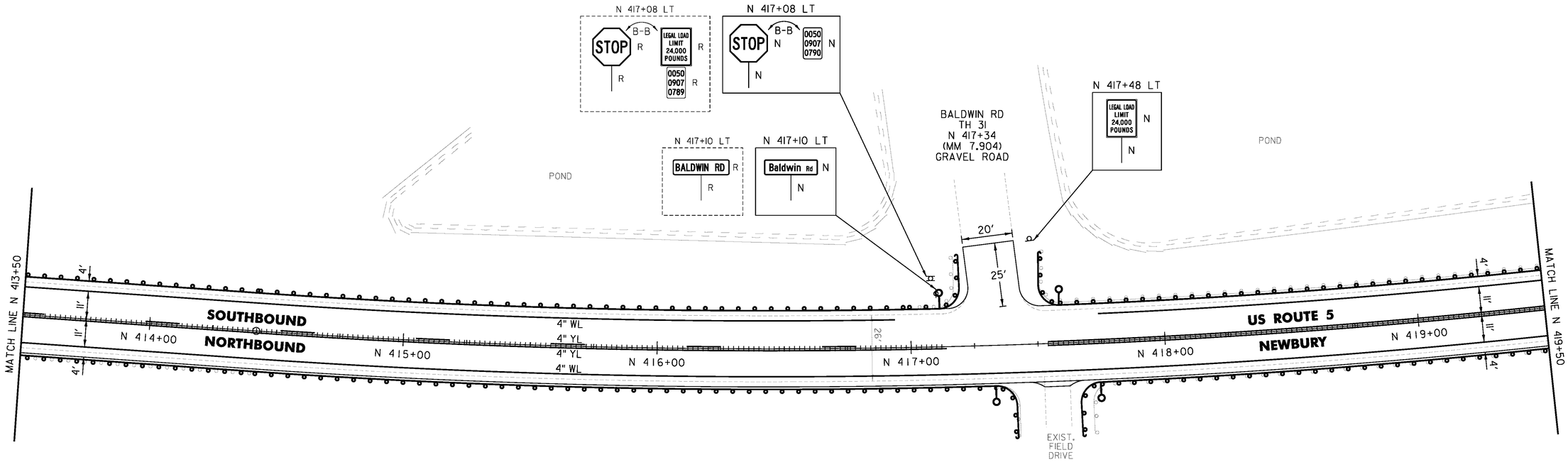
REMOVAL AND DISPOSAL OF GUARDRAIL
N 416+99 TO N 417+17 LT
N 417+33 TO N 417+42 RT
N 417+52 TO N 419+50 LT
N 417+71 TO N 417+86.5 RT

DELINEATOR WITH STEEL POST
N 417+11.5 LT
N 417+33 RT
N 417+58.5 LT
N 417+76 RT

SPECIAL PROVISION (STEEL BEAM
GUARDRAIL GALVANIZED) (8 FEET RADIUS)
N 417+11.5 LT
N 417+33 RT
N 417+58.5 LT
N 417+74 RT

MILLED RUMBLE STRIPS
N 413+50 TO N 417+14 CL
N 417+54 TO N 419+50 CL

REMOVING SIGNS
AS SHOWN - 4



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 110	SHEET 168 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 419+50 TO N 425+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
N 419+50 TO N 424+00 SOLID LT & RT
N 424+00 TO N 425+50 SOLID LT, DASHED RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 422+75 TO N 424+00 SOLID LT & RT
N 424+00 TO N 424+75 SOLID LT, DASHED RT

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 419+50 TO N 422+75 SOLID LT & RT
N 424+75 TO N 425+50 SOLID LT, DASHED RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 419+50 TO N 422+58.5 LT
N 422+32 RT (12.5')
N 422+44.5 RT (12.5')
N 422+52.5 TO N 422+77.5 RT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

REMOVE AND RESET GUARDRAIL
N 419+50 TO N 422+24 RT
N 422+77.5 TO N 425+50 RT

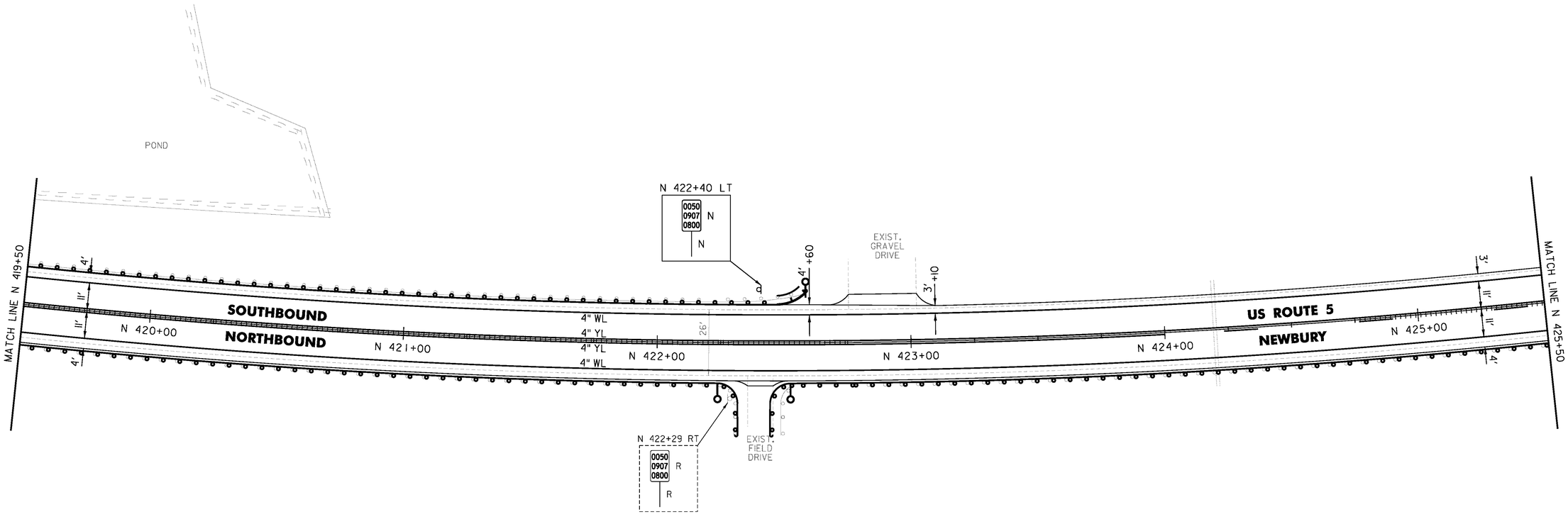
REMOVAL AND DISPOSAL OF GUARDRAIL
N 419+50 TO N 422+58.5 LT
N 422+24 TO N 422+32 RT
N 422+49 TO N 422+79.5 RT

DELINEATOR WITH STEEL POST
N 422+24 RT
N 422+52.5 RT
N 422+58.5 LT

SPECIAL PROVISION (STEEL BEAM
GUARDRAIL GALVANIZED) (8 FEET RADIUS)
N 422+24 RT
N 422+52.5 RT

MILLED RUMBLE STRIPS
N 419+50 TO N 422+75 CL
N 424+75 TO N 425+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET III	SHEET 169 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 425+50 TO N 431+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 425+50 TO N 430+05 SOLID LT, DASHED RT
N 430+05 TO N 431+50 DASHED CL

STEEL BEAM GUARDRAIL, GALVANIZED
N 422+85.5 RT (12.5')

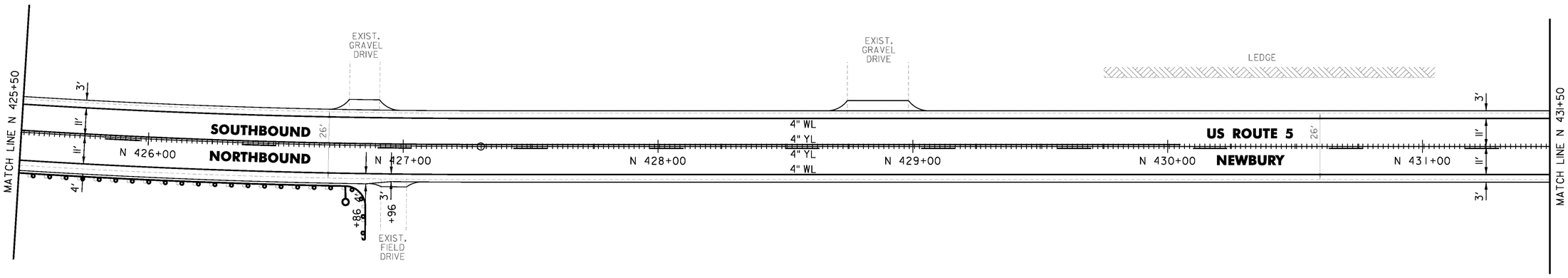
REMOVE AND RESET GUARDRAIL
N 425+50 TO N 426+77.5 RT

REMOVAL AND DISPOSAL OF GUARDRAIL
N 426+77.5 TO N 426+85.5 RT

DELINEATOR WITH STEEL POST
N 426+77.5 RT

SPECIAL PROVISION (STEEL BEAM
GUARDRAIL GALVANIZED) (8 FEET RADIUS)
N 426+77.5 RT

MILLED RUMBLE STRIPS
N 425+50 TO N 431+50 CL



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 112	SHEET 170 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 431+50 TO N 437+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 431+50 TO N 437+50 DASHED CL

STEEL BEAM GUARDRAIL, GALVANIZED
N 436+46 TO N 436+83.5 RT

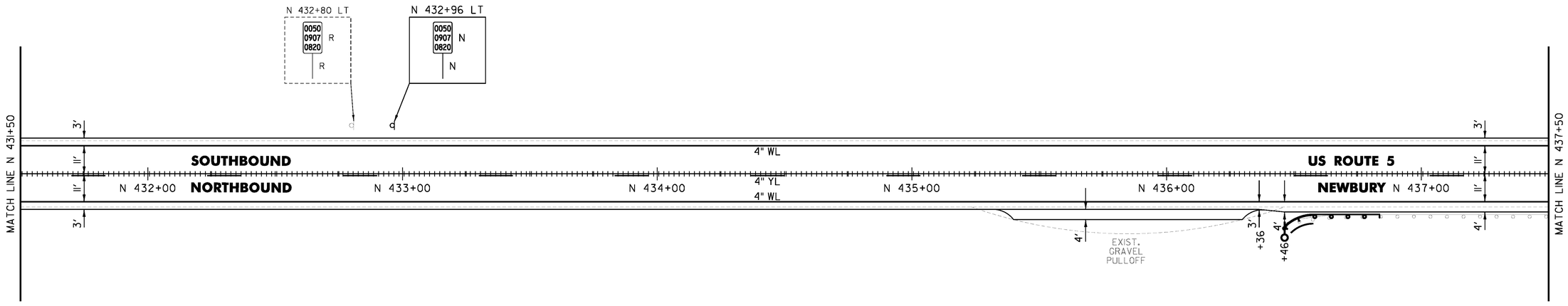
ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 436+46 TO N 436+83.5 RT

DELINEATOR WITH STEEL POST
N 436+46 RT

MILLED RUMBLE STRIPS
N 431+50 TO N 437+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 113	SHEET 171 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 437+50 TO N 443+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 437+50 TO N 437+70 DASHED CL
N 437+70 TO N 443+50 DASHED LT, SOLID RT

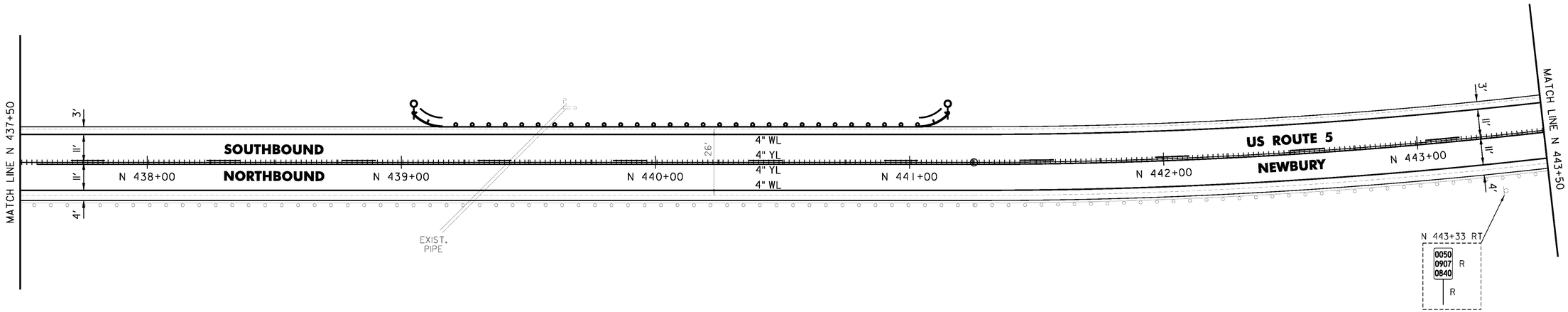
STEEL BEAM GUARDRAIL, GALVANIZED
N 439+04 TO N 441+16.5 LT

ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

DELINEATOR WITH STEEL POST
N 439+04 LT
N 441+16.5 LT

MILLED RUMBLE STRIPS
N 437+50 TO N 443+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

CLD 14-0278

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 114	SHEET 172 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 443+50 TO N 449+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
N 443+50 TO N 444+60 DASHED LT, SOLID RT
N 444+60 TO N 449+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 448+00 TO N 449+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 443+50 TO N 444+60 DASHED LT, SOLID RT
N 444+60 TO N 448+00 SOLID LT & RT

REMOVE AND RESET GUARDRAIL
N 447+46.5 TO N 449+50 RT

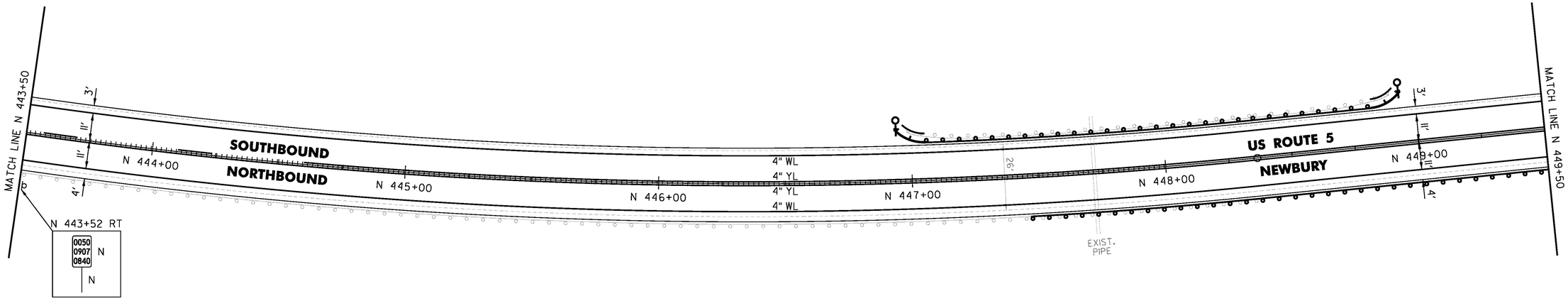
STEEL BEAM GUARDRAIL, GALVANIZED
N 446+94 TO N 448+94 LT

ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 446+98 TO N 448+90 LT

DELINEATOR WITH STEEL POST
N 446+94 LT
N 448+94 LT

MILLED RUMBLE STRIPS
N 443+50 TO N 448+00 CL



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 115	SHEET 173 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 449+50 TO N 455+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
N 449+50 TO N 455+50 SOLID LT & RT

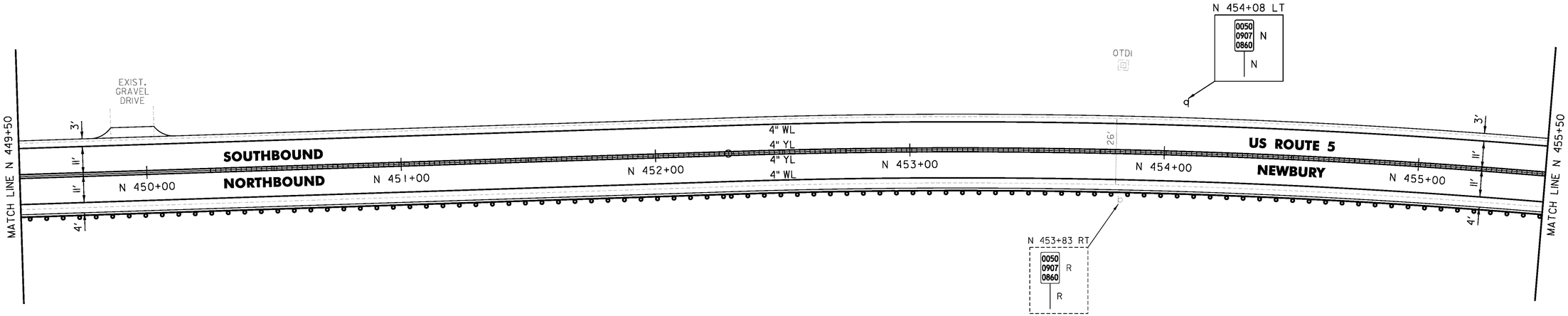
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 449+50 TO N 450+25 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 450+25 TO N 455+50 SOLID LT & RT

REMOVE AND RESET GUARDRAIL
N 449+50 TO N 455+50 RT

MILLED RUMBLE STRIPS
N 450+25 TO N 455+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

CLD 14-0278

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 116	SHEET 174 OF 239

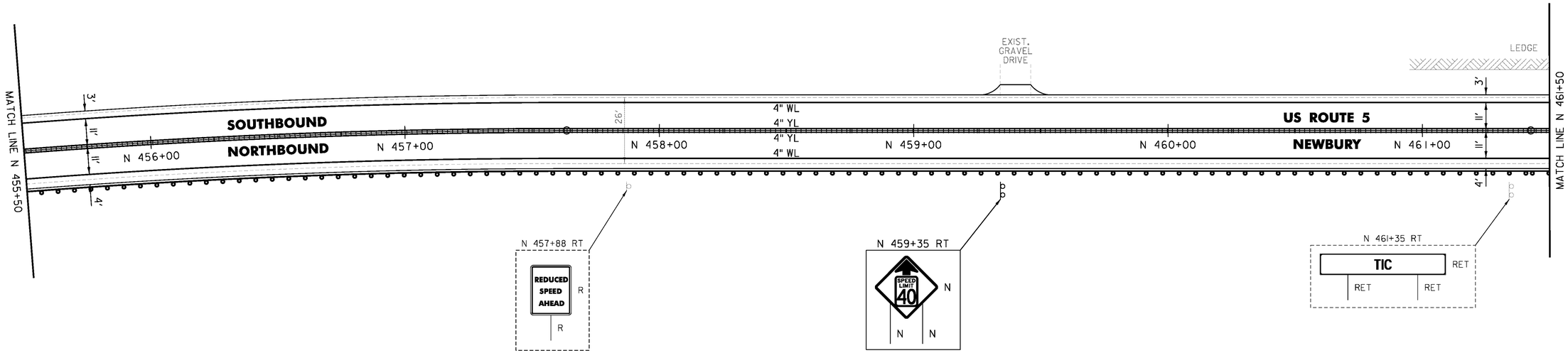
TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 455+50 TO N 461+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 455+50 TO N 461+50 SOLID LT & RT

REMOVE AND RESET GUARDRAIL
N 455+50 TO N 461+50 RT

MILLED RUMBLE STRIPS
N 455+50 TO N 461+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 117	SHEET 175 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 461+50 TO N 467+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
N 461+50 TO N 467+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 465+93 TO N 467+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
N 461+50 TO N 465+93 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 464+83 TO N 465+20.5 LT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

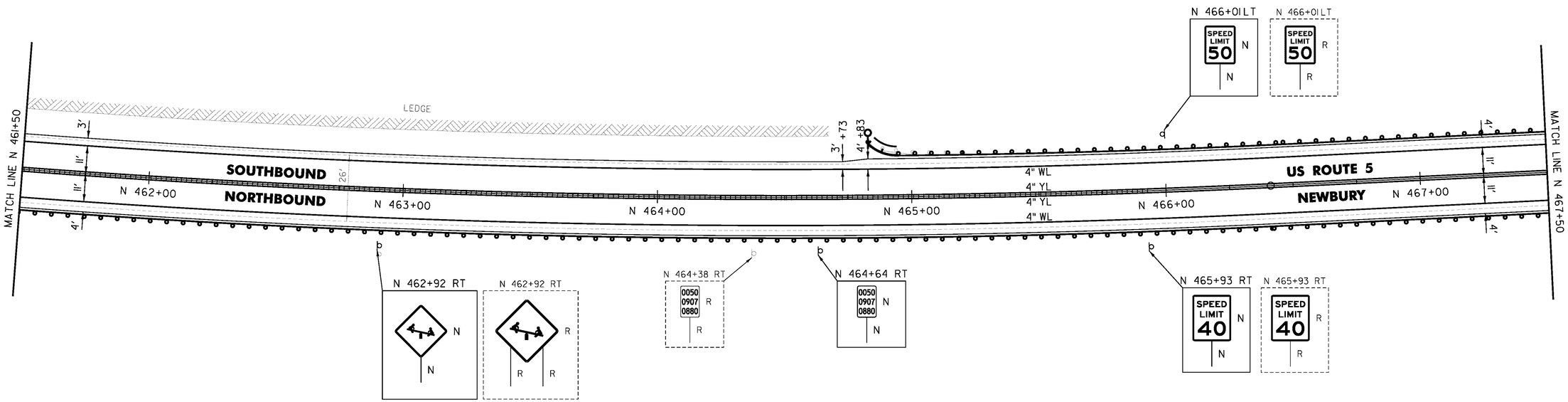
REMOVE AND RESET GUARDRAIL
N 461+50 TO N 467+50 RT
N 465+20.5 TO N 467+50 LT

REMOVAL AND DISPOSAL OF GUARDRAIL
N 464+83 TO N 465+20.5 LT

DELINEATOR WITH STEEL POST
N 464+83 LT

MILLED RUMBLE STRIPS
N 461+50 TO N 465+93 CL

REMOVING SIGNS
AS SHOWN - 4



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 118	SHEET 176 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 467+50 TO N 473+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 467+50 TO N 473+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
N 468+41 LT (12.5')
N 468+75.5 LT (12.5')
N 470+96.5 TO N 471+34 RT
N 471+83.5 TO N 472+21 LT

ANCHOR FOR STEEL BEAM RAIL
4 (SEE STANDARD G-1d)

REMOVE AND RESET GUARDRAIL
N 467+50 TO N 468+33 LT
N 467+50 TO N 470+96.5 RT
N 468+83.5 TO N 471+83.5 LT

REMOVAL AND DISPOSAL OF GUARDRAIL
N 468+33 TO N 468+41 LT
N 468+73 TO N 468+83.5 LT
N 470+96.5 TO N 471+34 RT
N 471+83.5 TO N 472+21 LT

DELINEATOR WITH STEEL POST
N 468+33 LT
N 468+83.5 LT
N 471+34 RT
N 472+21 LT

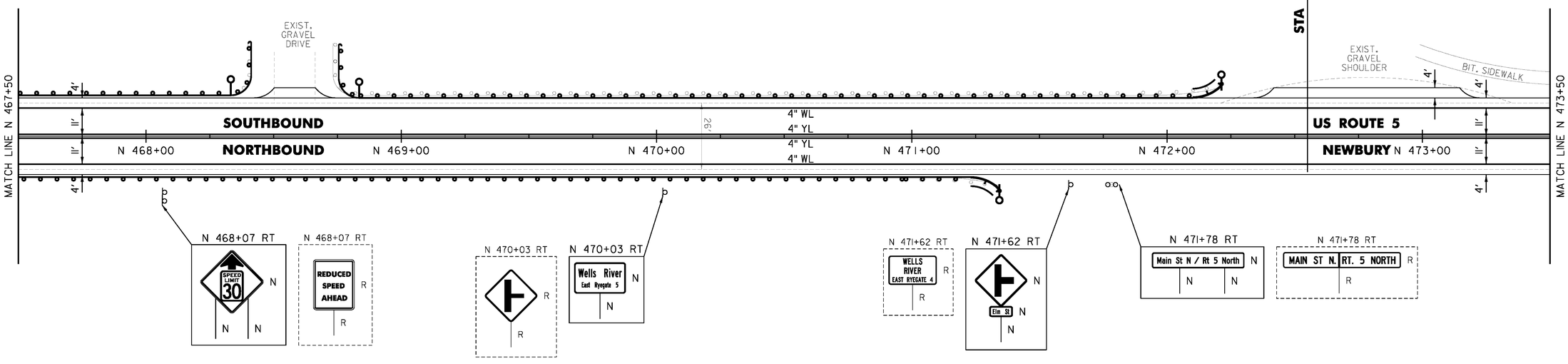
SPECIAL PROVISION (STEEL BEAM GUARDRAIL GALVANIZED) (8 FEET RADIUS)
N 468+33 LT
N 468+83.5 LT

REMOVING SIGNS
AS SHOWN - 4

END LEVEL AND OVERLAY | **RESUME COLD PLANE AND OVERLAY**

STA N 472+55

GREEN MOUNTAIN SUBSTATION



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
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PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 119	SHEET 177 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 473+50 TO N 479+50 SOLID LT
N 473+50 TO N 475+02 SOLID RT
N 475+02 TO N 475+20 SOLID RT (TH 407)
N 475+42 TO N 475+68 SOLID RT (TH 407)
N 475+68 TO N 479+50 SOLID RT
N 478+02 LT (NO PARKING)
N 478+14 LT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 473+50 TO N 475+11 SOLID LT & RT
N 475+31 TO N 475+33 DOUBLE SOLID RT (TH 407)
N 475+51 TO N 479+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
N 478+02 TO N 478+14 LT (NO PARKING)

TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
N 475+33 TO N 475+57 RT (TH 407)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
N 475+38 RT "STOP" (TH 407)

REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, CLASS II
N 475+64 LT
N 476+05 LT
N 478+05 LT

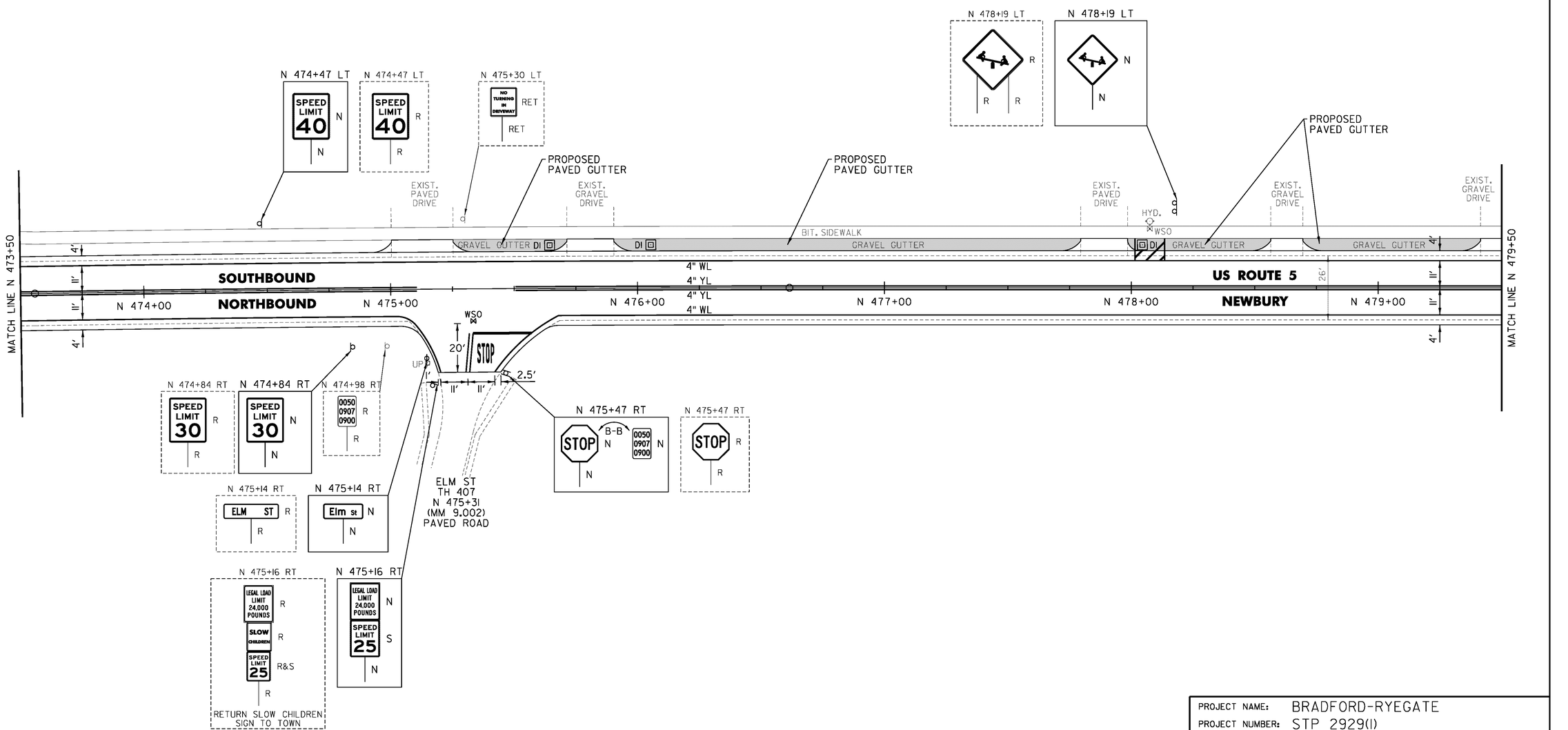
BITUMINOUS CONCRETE
GUTTERS AND TRAFFIC ISLANDS
N 475+25 TO N 475+71 LT
N 475+90 TO N 477+80 LT
N 477+99 TO N 478+57 LT
N 478+70 TO N 479+42 LT

ADJUST ELEVATION OF VALVE BOX (NON-PART)
N 475+33 RT

THINNING AND TRIMMING FOR SIGNS
N 475+14 RT

REMOVING SIGNS
AS SHOWN - 9

ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 120	SHEET 178 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 479+50 TO N 481+17 SOLID LT
N 479+50 TO N 485+50 SOLID RT
N 481+17 TO N 481+30 SOLID LT (TH 414)
N 481+25 TO N 481+33 SOLID LT (TH 414)
N 481+42 TO N 481+72 SOLID LT (TH 414)
N 481+89 TO N 482+07 SOLID LT (TH 414)
N 482+07 TO N 485+50 SOLID LT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 479+50 TO N 481+37 SOLID LT & RT
N 481+33 TO N 481+51 DOUBLE SOLID LT (TH 414)
N 481+77 TO N 485+50 SOLID LT & RT

TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
N 481+32 TO N 481+50 LT (TH 414)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
N 481+35 LT 'STOP' (TH 414)

TEMPORARY CROSSWALK MARKING, PAINT
DURABLE CROSSWALK MARKING (OPTION ITEM)
N 481+26 TO N 481+84 LT

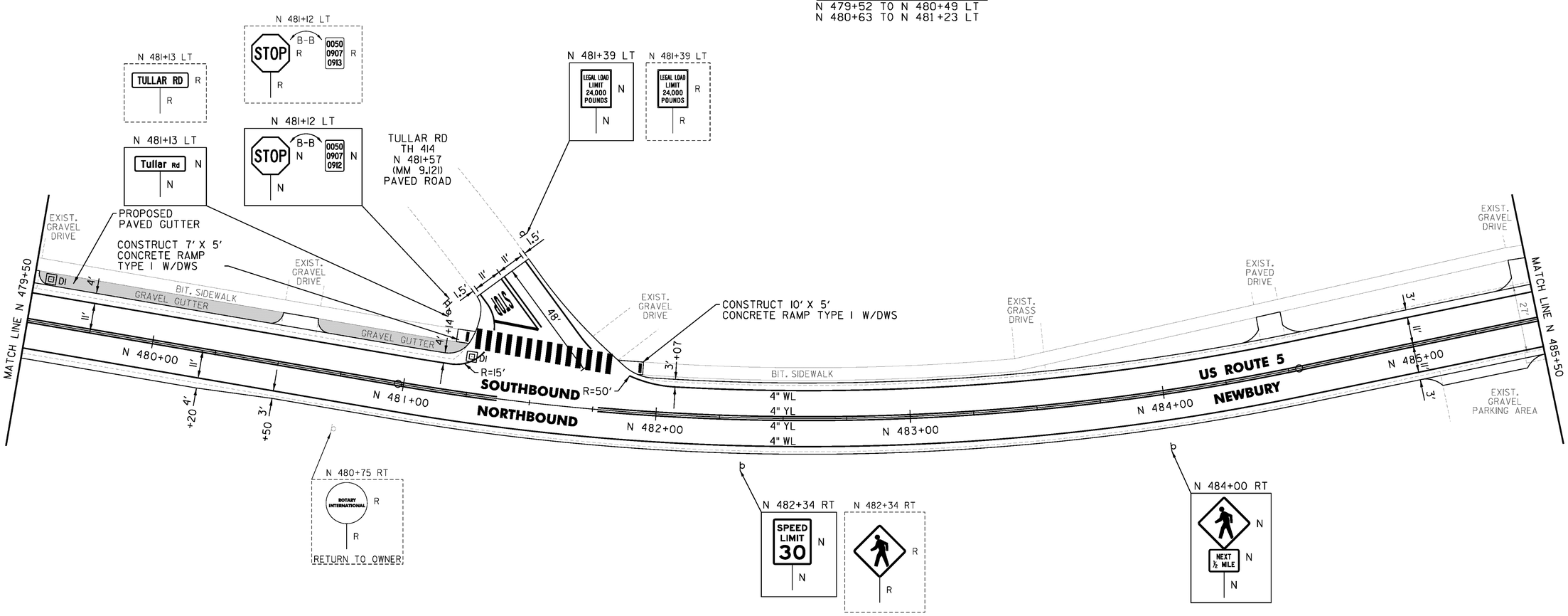
REHAB. DROP INLETS, CATCH BASINS,
OR MANHOLES, CLASS I, CLASS II
N 479+57 LT
N 481+25 LT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
N 481+18 TO N 481+25 LT (RAMP TYPE 1)
N 481+84 TO N 481+94 LT (RAMP TYPE 1)

DETECTABLE WARNING SURFACE (DWS)
N 481+22 LT
N 481+93 LT

BITUMINOUS CONCRETE
GUTTERS AND TRAFFIC ISLANDS
N 479+52 TO N 480+49 LT
N 480+63 TO N 481+23 LT

REMOVING SIGNS
AS SHOWN - 6



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 121	SHEET 179 OF 239

CLD 14-0278

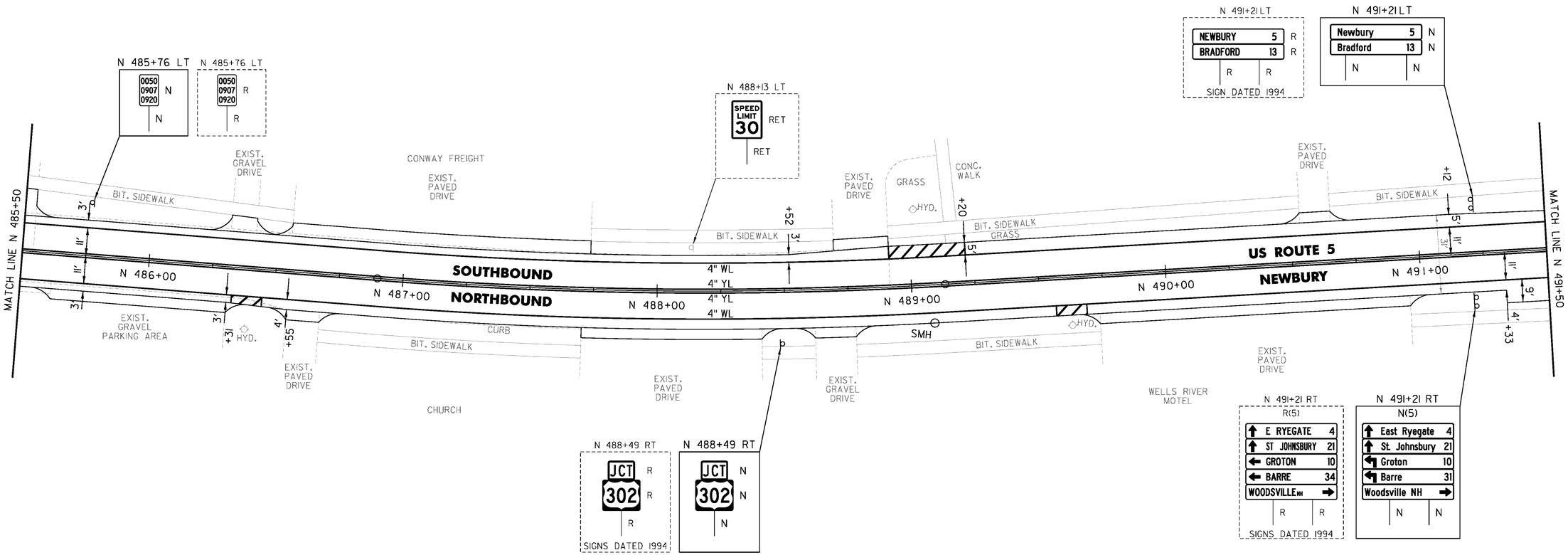
TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 485+50 TO N 491+50 SOLID LT & RT
N 486+33 SOLID RT (NO PARKING)
N 486+45 SOLID RT (NO PARKING)
N 488+92 SOLID LT (NO PARKING)
N 489+22 SOLID LT (NO PARKING)
N 489+56 SOLID RT (NO PARKING)
N 489+68 SOLID RT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 485+50 TO N 491+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
N 486+33 TO N 486+45 SOLID RT (NO PARKING)
N 488+92 TO N 489+22 SOLID LT (NO PARKING)
N 489+56 TO N 489+68 SOLID RT (NO PARKING)

CHANGING ELEVATION OF SEWER MANHOLES (NON-PART)
N 489+09 RT

REMOVING SIGNS
AS SHOWN - 10



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
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FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 122	SHEET 180 OF 239

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TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 491+50 TO N 493+65 SOLID LT
N 491+50 TO N 493+33 SOLID RT
N 494+18 TO N 494+38 SOLID LT (NO PARKING)
N 494+18 TO N 494+39 SOLID RT (NO PARKING)
N 494+38 TO N 494+99 SOLID LT (PARKING)
N 494+39 TO N 495+46 SOLID RT (PARKING)
N 495+34 TO N 495+95 SOLID LT (PARKING)
N 495+46 TO N 495+79 SOLID RT (NO PARKING)
N 495+76 TO N 496+82 SOLID RT (PARKING)
N 496+21 TO N 496+62 SOLID LT (PARKING)
N 496+62 TO N 496+72 SOLID LT (NO PARKING)
N 496+79 TO N 497+01 SOLID RT (NO PARKING)
N 497+31 TO N 479+50 SOLID RT (NO PARKING)
N 497+32 TO N 479+50 SOLID LT (NO PARKING)
US 302
M 244+76 TO M 246+50 SOLID LT
M 244+91 TO M 246+50 SOLID RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 491+50 TO N 493+51 SOLID LT & RT
N 494+25 TO N 496+76 SOLID LT & RT
N 497+24 TO N 479+50 SOLID LT & RT
US 302
M 244+86 TO M 246+50 SOLID LT & RT

TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
US 302
M 244+85 LT

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
N 495+45 RT ACCESSIBLE PARKING SYMBOL
N 496+74 RT ACCESSIBLE PARKING SYMBOL
US 302
M 244+92 LT "STOP"

TEMPORARY CROSSWALK MARKING, PAINT
DURABLE CROSSWALK MARKING (OPTION ITEM)
N 493+33 TO N 494+00 RT
N 494+06 TO N 494+15 RT TO LT
N 496+82 TO N 497+11 LT
N 497+19 LT TO RT

PORTLAND CEMENT
CONCRETE SIDEWALK, 5 INCH
N 493+20 TO N 493+30 RT (RAMP TYPE 1)
N 493+87 TO N 493+92 LT (RAMP TYPE 1)
N 494+02 TO N 494+11 RT (RAMP TYPE 6)
N 494+12 TO N 494+17 LT (RAMP TYPE 3)
N 497+11 TO N 497+23 LT (RAMP TYPE 3)
N 497+14 TO N 497+25 RT (RAMP TYPE 5)

DETECTABLE WARNING SURFACE (DWS)
N 493+24 RT N 494+15 LT
N 493+90 LT N 497+12 LT
N 494+06 RT N 497+20 LT
N 494+14 LT N 497+20 RT

REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II
N 492+63 RT
N 493+10 LT
N 493+25 RT
N 493+96 LT
N 494+53 RT
N 494+95 LT
N 495+71 LT
N 495+75 RT
N 496+24 LT
N 496+67 RT
N 497+47 LT

CHANGING ELEVATION
OF SEWER MANHOLES (NON-PART)
N 494+02 LT
N 497+00 LT
US 302
M 245+96 RT

ADJUST ELEVATION OF VALVE BOX (NON-PART)
N 494+05 RT

REMOVING SIGNS
AS SHOWN - 36

ERECTING SALVAGED SIGNS
AS SHOWN - 4

N 492+31 LT
SOUTH 5 RIVER BYWAY — R, R, R&S, R&S, R
ROUTE SIGNS DATED 1994

N 492+31 LT
SOUTH 5 RIVER BYWAY — N, N, S, S, N

N 493+29 LT
CENTER ST R
MAIN ST N. R

N 493+91 LT
Center St N
Main St N N

N 494+16 LT
LEGAL LOAD LIMIT 24,000 POUNDS N
N

N 493+92 LT
STOP B-B R 0050 0907 0938 R
R
SIGNS DATED 1994

N 493+92 LT
STOP B-B N 0050 0907 0936 N
N

CENTER ST
TH 405
N 494+05
(MM 9.357)
PAVED ROAD

CONSTRUCT 5' X 5' CONCRETE
LEVEL LANDING W/ DWS

CONSTRUCT 5' X 8' CONCRETE
RAMP TYPE 3 W/ DWS

GAS STATION
EXIST. PAVED DRIVE
BIT. CURB
CONC. SLAB
EXIST. PAVED DRIVE
BIT. CURB
BIT. SIDEWALK
CB
SMH
UP
18'
25'
BUILDING
WELLS RIVER SAVINGS BANK
EXIST. PAVED DRIVE
CONC. SIDEWALK
CONC. CURB
PHARMACY
CONC.
CONC.
EXIST. RAIL
BIT. SIDEWALK
39'
14'
BUILDING
BIT. SIDEWALK

N 496+75 LT
Creamery St N
STOP N
N

CONSTRUCT 12' X 6' CONCRETE
RAMP TYPE 3 W/2 DWS

CREAMERY ST
TH 406
N 496+96
(MM 9.412)
PAVED ROAD

SEE SIDEWALK RAMP DETAIL
ON DETAIL SHEETS 7 & 8

N 497+11 LT
P PARKING R&S
LEGAL LOAD LIMIT 24,000 POUNDS R
NO PARKING HERE TO CORNER R&S
R

N 497+11 LT
P PARKING S
LEGAL LOAD LIMIT 24,000 POUNDS N
NO PARKING HERE TO CORNER S
N

N 496+19 LT
P PARKING B-B RET
RET RET
RET RET

MATCH LINE N 491+50
SOUTHBOUND
NORTHBOUND
N 492+00
N 493+00
N 494+00
N 495+00
N 496+00
N 497+00
US ROUTE 5
NEWBURY
MATCH LINE N 497+50
M 244+46
4" YL
4" YL
WSO
20' TYP.
22' TYP.
20' TYP.
8' TYP.
45° TYP.
6' TYP.
5' TYP.
METAL POST (2)
HYD.
BIT. SIDEWALK
UP
CB
SMH
BUILDING
EXIST. GRAVEL DRIVE
BIT. SIDEWALK
BUILDING

CONSTRUCT 5' X 10' CONCRETE
RAMP TYPE 1 W/ DWS

CONSTRUCT 6' X 6' CONCRETE
RAMP TYPE 6 W/ DWS

CONSTRUCT 5' X 5' CONCRETE
RAMP TYPE 5 W/ DWS

N 493+29 RT
MAIN ST N. R
RAILROAD ST R
R

M 245+02 RT
BRIDGE 47 US-302 N
N

BRIDGE #47
OVER WELLS RIVER
M 245+25
(MM 4.645)

M 245+00
STOP
M 245+00
+28
7.5'
11'
11'
9.0'
CONC. SIDEWALK
R=50'
R=50'
BIT. SIDEWALK
UP

M 244+81 LT
STOP RET
RET RET
SIGN DATED 2011

N 494+17 RT
B-B
N N
N N
N

N 494+17 RT
B-B
R R
R R
R
ARROWS DATED 2005

M 245+59 RT
B-B
EAST 302 RET 0302 0907 0462 R
RET
RET
ROUTE SIGNS DATED 2011

EXIST. PAVED PARKING AREA
SMH
M 246+05 RT
SPEED LIMIT 30 RET
RET
SIGN DATED 2011

M 246+00 EASTBOUND
M 246+00 WESTBOUND
US ROUTE 302
BIT. SIDEWALK
EXIST. PAVED PARKING AREA
5'
+40
MATCH LINE M 246+50
SEE SHEET 200

M 245+53 LT
BRIDGE 47 US-302 N
N

M 245+53 LT
BRIDGE 47 US 302 R
R

M 245+51 LT
RET(12)
WEST TO INTERSTATE 91
302
SOUTH 5 NORTH 5
RET RET
SIGNS DATED 2011

Ⓐ N 492+46 RT
N(14)
NORTH 5 WEST 302 EAST 302
TO INTERSTATE 91
N N

Ⓐ N 492+52 RT
R(9)
NORTH 5 WEST 302 EAST 302
R R
SIGNS DATED 1994

Ⓑ N 493+23 RT
N(6)
Woodsville NH
EAST 302
N N

Ⓑ N 493+22 RT
R(8)
WOODSVILLE NH
EAST 302
B-B
R R

Ⓒ N 494+12 RT
Railroad St N
Main St N N
N

Ⓓ N 494+75 RT
SPEED LIMIT 30 N
N

Ⓔ N 495+36 RT
N 496+87 RT
RESERVED PARKING N
N

Ⓕ N 497+15 LT
N 497+27 RT
N N
N

RESUME US ROUTE 302
STA M 244+70
RESUME COLD PLANE AND OVERLAY

NOT TO SCALE

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PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 123	SHEET 181 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 497+50 TO N 497+56 SOLID LT (NO PARKING)
N 497+50 TO N 497+56 SOLID RT (NO PARKING)
N 497+52 TO N 498+06 SOLID LT (PARKING)
N 497+55 TO N 497+80 SOLID RT (PARKING)
N 498+01 TO N 498+25 SOLID LT (NO PARKING)
N 498+50 TO N 498+72 SOLID LT (NO PARKING)
N 498+70 TO N 499+21 SOLID LT (PARKING)
N 498+81 TO N 498+91 SOLID RT (NO PARKING)
N 498+93 TO N 499+35 SOLID RT (PARKING)
N 499+18 TO N 499+31 SOLID LT (NO PARKING)
N 499+36 TO N 499+52 SOLID RT (NO PARKING)
N 499+52 TO N 500+06 SOLID LT (US 302 APPROACH)
N 499+52 TO N 500+69 SOLID LT
N 499+71 TO N 499+82 SOLID RT (NO PARKING)
N 499+82 TO N 500+04 SOLID RT (PARKING)
N 500+26 TO N 500+37 SOLID RT (NO PARKING SPACES)
N 500+31 SOLID LT (NO PARKING)
N 500+43 SOLID LT (NO PARKING)
N 500+37 TO N 500+79 SOLID RT (PARKING)
N 501+34 TO N 501+47 SOLID LT
N 501+56 TO N 502+50 SOLID LT
N 501+56 TO N 502+38 SOLID RT
US 302
M 242+50 TO M 244+30 SOLID LT
M 242+50 TO M 243+94 SOLID RT (US 302 APPROACH)
M 243+41 TO M 244+27 SOLID RT
M 243+41 TO M 243+53 SOLID RT (US 302 APPROACH)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 497+50 TO N 498+35 SOLID LT & RT
N 498+45 TO N 500+67 SOLID LT & RT
N 501+07 TO N 501+47 SOLID LT & RT
N 501+56 TO N 502+50 SOLID LT & RT
US 302
M 242+50 TO M 244+09 SOLID LT & RT
M 243+53 TO M 243+99 SOLID RT (US 302 APPROACH)

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
N 500+31 TO N 500+43 SOLID LT (NO PARKING)

TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
M 243+83 TO M 243+99 RT (US 302 APPROACH)
M 244+09 RT

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
N 498+75 LT ACCESSIBLE PARKING SYMBOL
US 302
M 243+86 RT "STOP" (US 302 APPROACH)
M 244+01 RT "STOP"

TEMPORARY CROSSWALK MARKING, PAINT
DURABLE CROSSWALK MARKING (OPTION ITEM)
N 498+37 TO N 498+43 LT TO RT
N 501+51 LT TO RT

REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II
N 497+86 RT
N 498+54 LT
N 498+64 RT
N 499+41 LT
N 500+35 RT
N 500+57 LT
N 501+47 RT
N 501+86 LT
US 302
M 243+65 RT

CHANGING ELEVATION OF SEWER MANHOLES (NON-PART)
N 498+70 RT
N 498+82 LT
N 501+08 RT
N 501+20 LT
US 302
M 242+63 LT

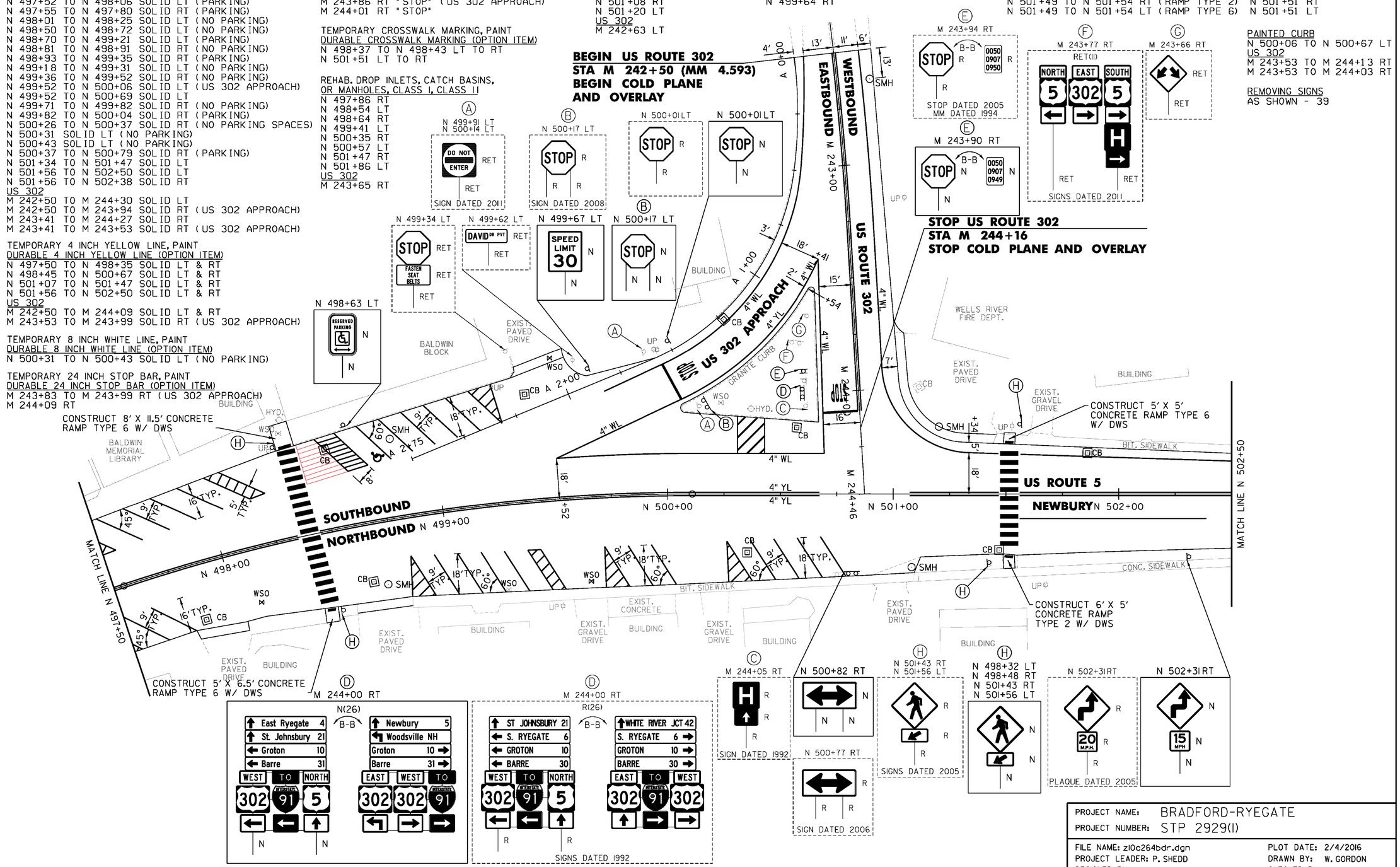
ADJUST ELEVATION OF VALVE BOX (NON-PART)
N 498+12 RT
N 499+25 RT
N 499+52 LT
N 499+64 RT

PORTLAND CEMENT CONCRETE SIDEWALK, 5 INCH
N 498+33 TO N 498+41 LT (RAMP TYPE 6)
N 498+39 TO N 498+46 RT (RAMP TYPE 2)
N 501+49 TO N 501+54 RT (RAMP TYPE 2)
N 501+49 TO N 501+54 LT (RAMP TYPE 6)

DETECTABLE WARNING SURFACE (DWS)
N 498+37 LT
N 498+43 RT
N 501+51 RT
N 501+51 LT

PAINTED CURB
N 500+06 TO N 500+67 LT
US 302
M 243+53 TO M 244+13 RT
M 243+53 TO M 244+03 RT

REMOVING SIGNS
AS SHOWN - 39



PROJECT NAME:	BRADFORD-RYEGATE
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FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 124	SHEET 182 OF 239

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TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 502+50 TO N 504+16 SOLID LT
N 503+19 TO N 508+50 SOLID RT
N 504+16 TO N 504+36 SOLID LT (TH 415)
N 504+49 TO N 504+74 SOLID LT (TH 415)
N 504+74 TO N 508+50 SOLID LT
N 507+70 SOLID LT (NO PARKING)
N 507+82 SOLID LT (NO PARKING)

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
N 507+70 TO N 507+82 SOLID LT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 502+50 TO N 502+59 SOLID LT & RT
N 502+99 TO N 504+22 SOLID LT & RT
N 504+42 TO N 504+44 DOUBLE SOLID LT (TH 415)
N 504+62 TO N 508+50 SOLID LT & RT

TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
N 504+33 TO N 504+43 LT (TH 415)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
N 504+39 LT "STOP" (TH 415)

REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II
N 502+95 RT
N 504+51 LT
N 504+75 LT
N 506+59 LT

CHANGING ELEVATION OF SEWER MANHOLES (NON-PART)
N 502+76 RT (TH 410)

ADJUST ELEVATION OF VALVE BOX (NON-PART)
N 504+47 LT

STEEL BEAM GUARDRAIL, GALVANIZED
N 508+41 TO N 508+50 RT

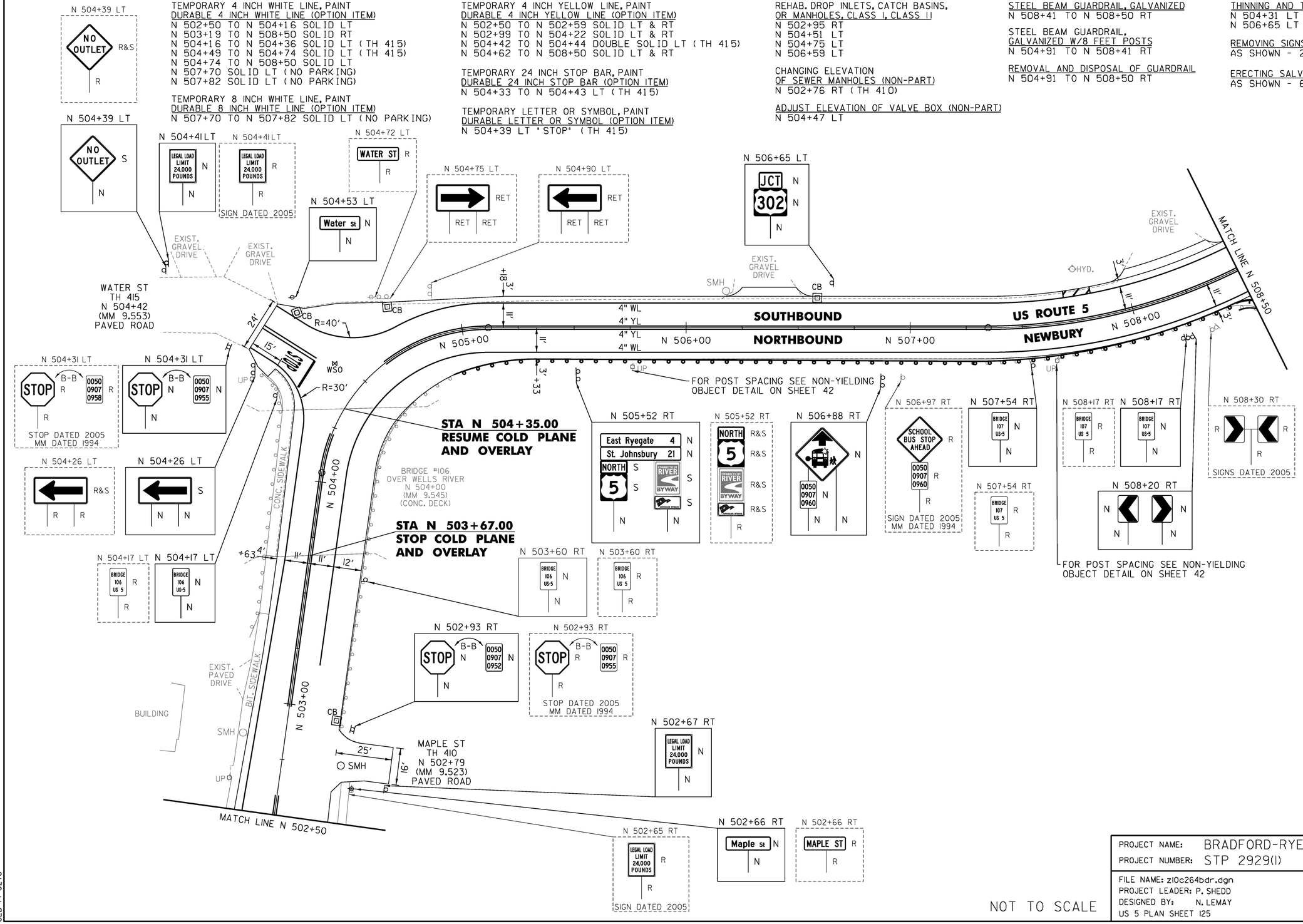
STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
N 504+91 TO N 508+41 RT

REMOVAL AND DISPOSAL OF GUARDRAIL
N 504+91 TO N 508+50 RT

THINNING AND TRIMMING FOR SIGNS
N 504+31 LT
N 506+65 LT

REMOVING SIGNS
AS SHOWN - 22

ERECTING SALVAGED SIGNS
AS SHOWN - 6



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
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PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 125	SHEET 183 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 508+50 TO N 510+92 SOLID LT
N 508+50 TO N 509+65 SOLID RT
N 510+45 TO N 514+50 SOLID RT
N 510+92 TO N 511+15 SOLID LT (TH 403)
N 511+40 TO N 511+57 SOLID LT (TH 403)
N 511+57 TO N 514+50 SOLID LT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 508+50 TO N 509+83 SOLID LT & RT
N 510+23 TO N 511+06 SOLID LT & RT
N 511+27 TO N 511+29 DOUBLE SOLID LT (TH 403)
N 511+46 TO N 514+50 SOLID LT & RT

TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
N 511+10 TO N 511+26 LT (TH 403)

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
N 511+21 LT "STOP" (TH 403)

REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II
N 509+35 RT
N 509+46 LT
N 511+40 LT (TH 403)
N 512+74 LT

CHANGING ELEVATION OF SEWER MANHOLES (NON-PART)
N 511+17 LT (TH 403)

STONE FILL, TYPE I
N 509+48 TO N 511+04 LT
N 513+00 TO N 514+50 LT

STEEL BEAM GUARDRAIL, GALVANIZED
N 508+50 TO N 508+53.5 RT
N 513+16.5 TO N 513+29 RT

STEEL BEAM GUARDRAIL, GALVANIZED W/8 FEET POSTS
N 513+29 TO N 514+50 RT

ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

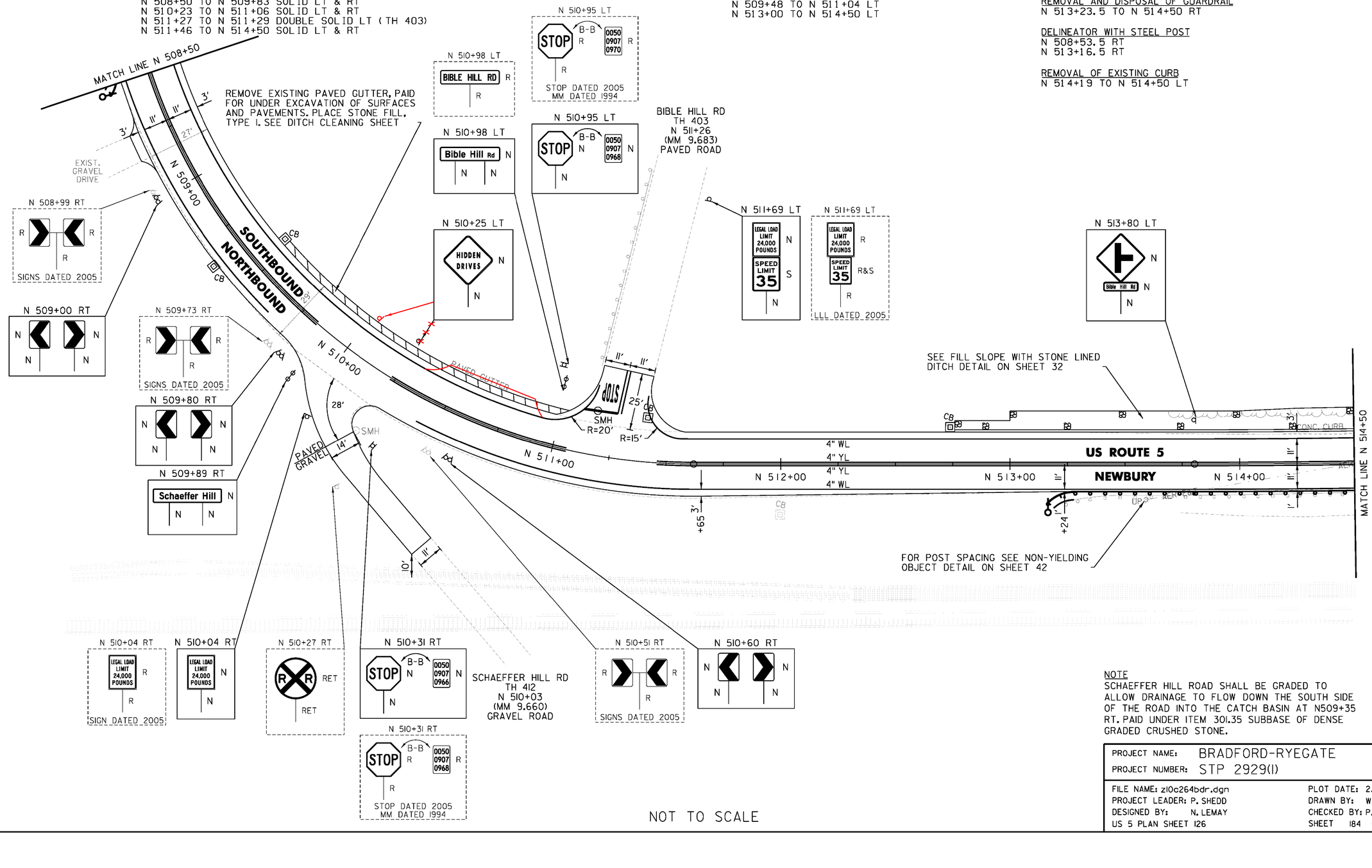
REMOVAL AND DISPOSAL OF GUARDRAIL
N 513+23.5 TO N 514+50 RT

DELINEATOR WITH STEEL POST
N 508+53.5 RT
N 513+16.5 RT

REMOVAL OF EXISTING CURB
N 514+19 TO N 514+50 LT

REMOVING SIGNS
AS SHOWN - 14

ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOT TO SCALE

NOTE
SCHAEFFER HILL ROAD SHALL BE GRADED TO ALLOW DRAINAGE TO FLOW DOWN THE SOUTH SIDE OF THE ROAD INTO THE CATCH BASIN AT N509+35 RT. PAID UNDER ITEM 301.35 SUBBASE OF DENSE GRADED CRUSHED STONE.

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DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 126	SHEET 184 OF 239

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TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
N 514+50 TO R 2+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
N 514+50 TO R 2+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
N 514+50 TO R 0+15 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
R 0+15 TO R 2+50 SOLID LT & RT

STEEL BEAM GUARDRAIL,
GALVANIZED W/8 FEET POSTS
N 514+50 TO N 515+04 RT
N 515+54 TO R 2+50 RT

STEEL BEAM GUARDRAIL,
GALVANIZED/NESTED W/8 FEET POSTS
N 515+04 TO N 515+54 RT

STEEL BEAM GUARDRAIL,
GALVANIZED/NESTED
N 515+78 TO N 516+01 LT

STEEL BEAM GUARDRAIL, GALVANIZED
N 516+01 TO R 1+57 LT

ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
N 514+50 TO R 2+50 RT
N 515+80 TO R 1+65 LT

DELINEATOR WITH STEEL POST
N 515+78 LT
R 1+57 LT

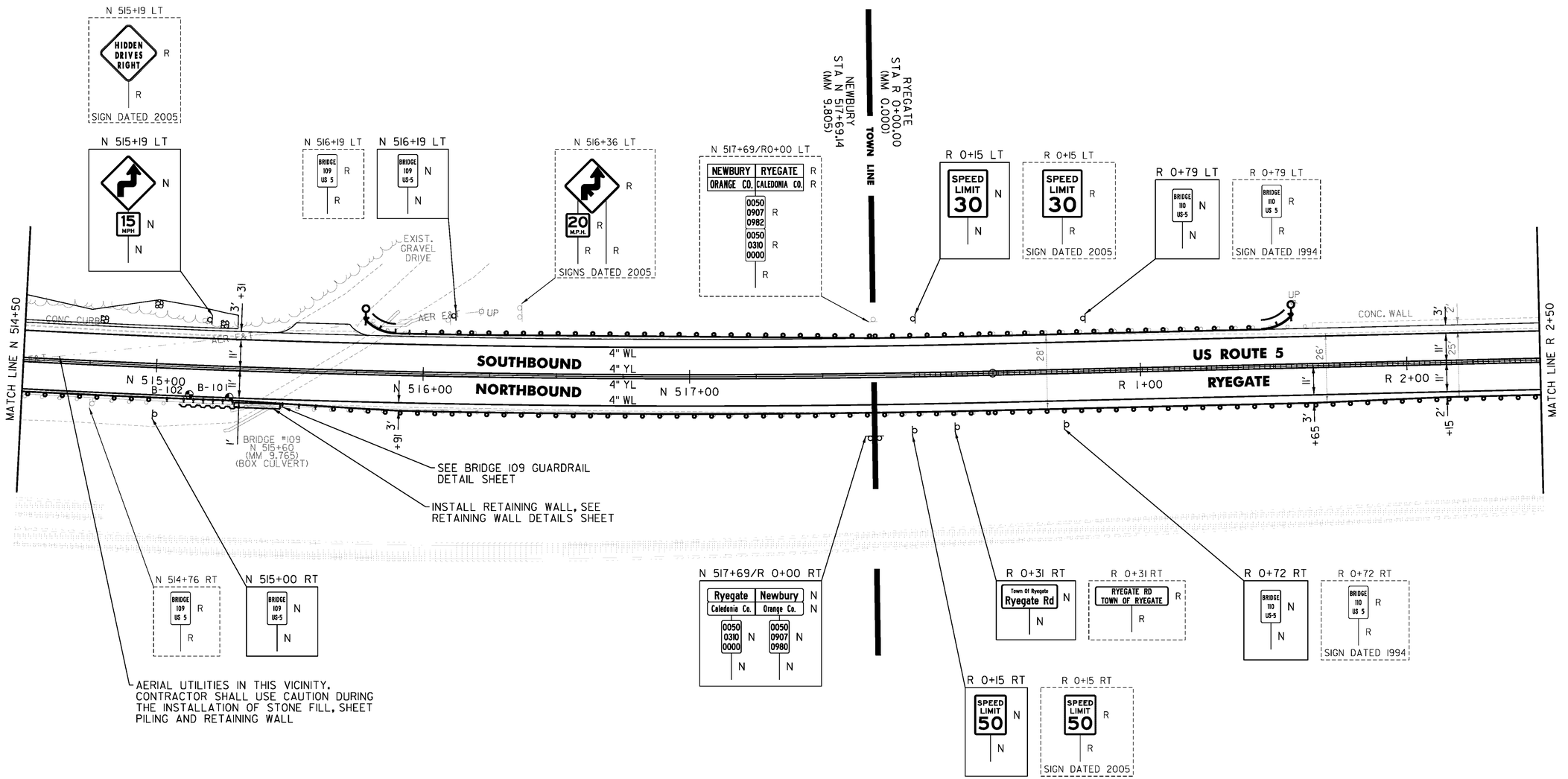
TREATED TIMBER CURB
N 515+34 TO N 515+54 RT

REMOVAL OF EXISTING CURB
N 514+50 TO N 515+24 LT

STONE FILL, TYPE I
N 514+50 TO N 515+30 LT

MILLED RUMBLE STRIPS
R 0+15 TO R 2+50 CL

REMOVING SIGNS
AS SHOWN - 14



NOT TO SCALE

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US 5 PLAN SHEET 127	SHEET 185 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
R 2+50 TO R 8+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
R 2+50 TO R 8+50 SOLID LT & RT

STEEL BEAM GUARDRAIL,
GALVANIZED W/8 FEET POSTS
R 2+50 TO R 6+10 RT

STEEL BEAM GUARDRAIL, GALVANIZED
R 4+63 TO R 8+50 LT
R 6+10 TO R 6+22.5 RT

ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

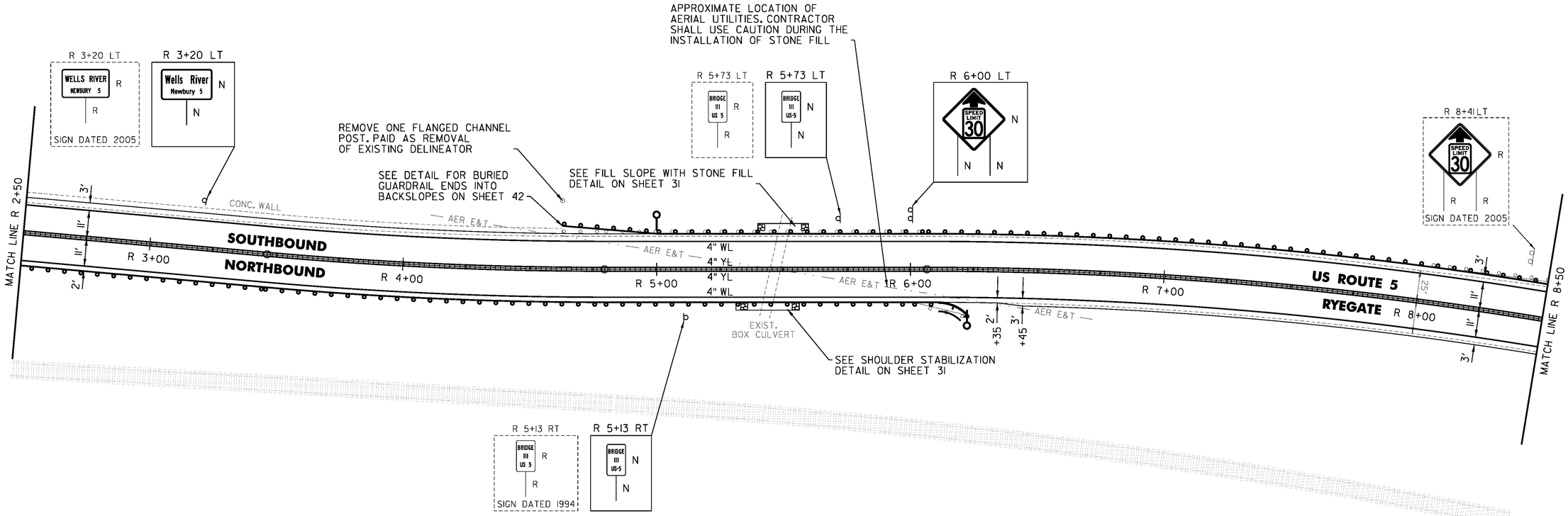
REMOVAL AND DISPOSAL OF GUARDRAIL
R 2+50 TO R 6+22 RT
R 4+63 TO R 8+50 LT

DELINEATOR WITH STEEL POST
R 5+00 LT
R 6+22.5 RT

GRUBBING MATERIAL (6")
STONE FILL, TYPE I
R 5+40 TO R 5+60 LT

MILLED RUMBLE STRIPS
R 2+50 TO R 8+50 CL

REMOVING SIGNS
AS SHOWN - 4



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 128	SHEET 186 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
R 8+50 TO R 14+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
R 8+50 TO R 14+50 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
R 8+50 TO R 9+00.5 LT

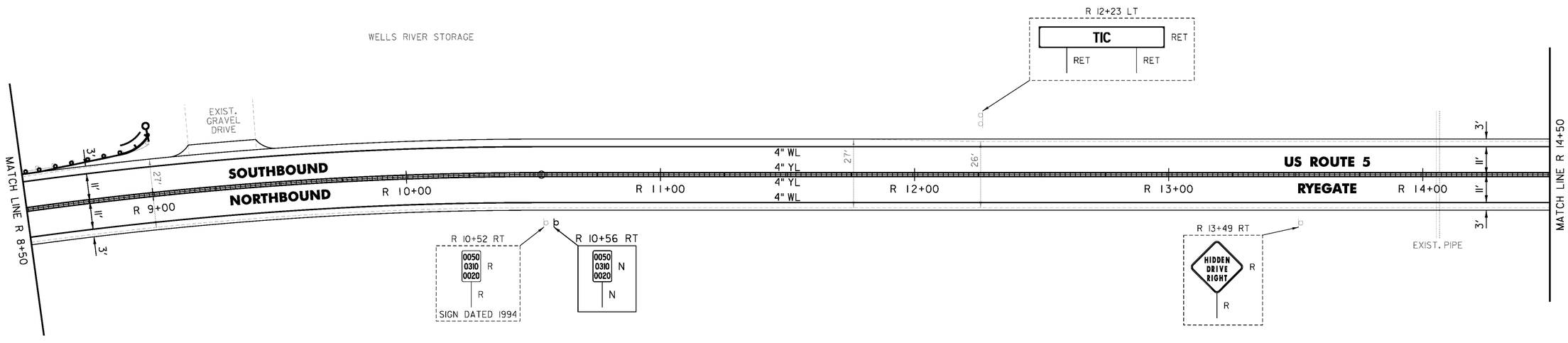
ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
R 8+50 TO R 9+00.5 LT

DELINEATOR WITH STEEL POST
R 9+00.5 LT

MILLED RUMBLE STRIPS
R 8+50 TO R 14+50 CL

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 129	SHEET 187 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
R 14+50 TO R 20+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
R 14+50 TO R 20+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
R 17+50 TO R 20+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
R 14+50 TO R 17+50 SOLID LT & RT

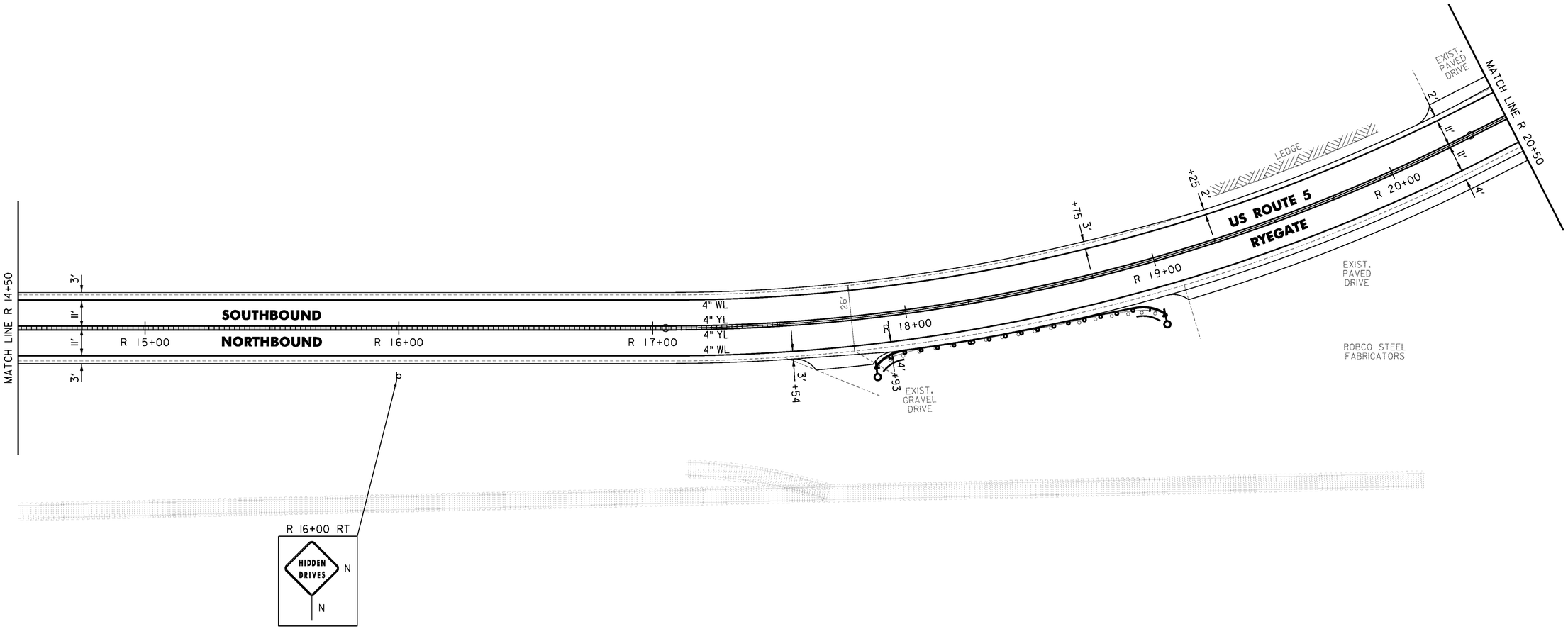
STEEL BEAM GUARDRAIL, GALVANIZED
R 17+86 TO R 18+98.5 RT

ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
R 17+86 TO R 18+95.5 RT

DELINEATOR WITH STEEL POST
R 17+86 RT
R 18+98.5 RT

MILLED RUMBLE STRIPS
R 14+50 TO R 17+50 CL



NOT TO SCALE

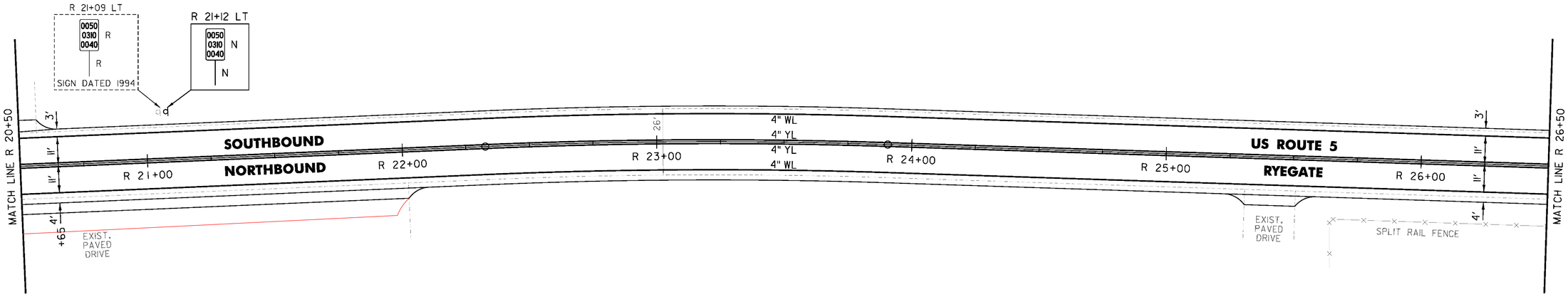
CLD 14-0278

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 130	SHEET 188 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
R 20+50 TO R 26+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
R 20+50 TO R 26+50 SOLID LT & RT

REMOVING SIGNS
AS SHOWN - I



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)

FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 131	SHEET 189 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
R 26+50 TO R 32+50 SOLID LT & RT

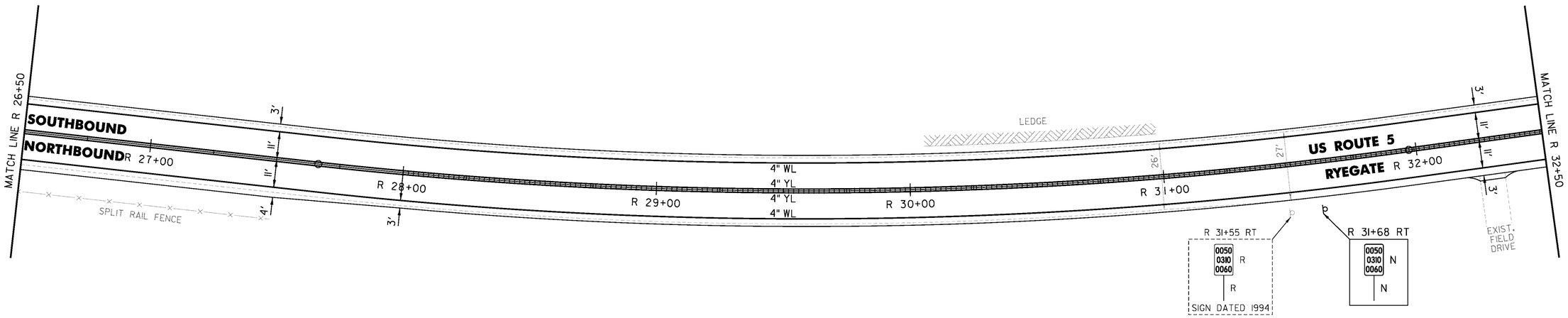
TEMPORARY 4 INCH YELLOW LINE, PAINT
R 26+50 TO R 32+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
R 26+50 TO R 28+00 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
R 28+00 TO R 32+50 SOLID LT & RT

MILLED RUMBLE STRIPS
R 28+00 TO R 32+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 132	SHEET 190 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
R 32+50 TO R 38+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
R 32+50 TO R 38+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
R 37+25 TO R 38+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
R 32+50 TO R 37+25 SOLID LT & RT

STEEL BEAM GUARDRAIL, GALVANIZED
R 32+90 TO R 38+15 LT
R 33+40 TO R 37+90 RT

ANCHOR FOR STEEL BEAM RAIL
4 (SEE STANDARD G-1d)

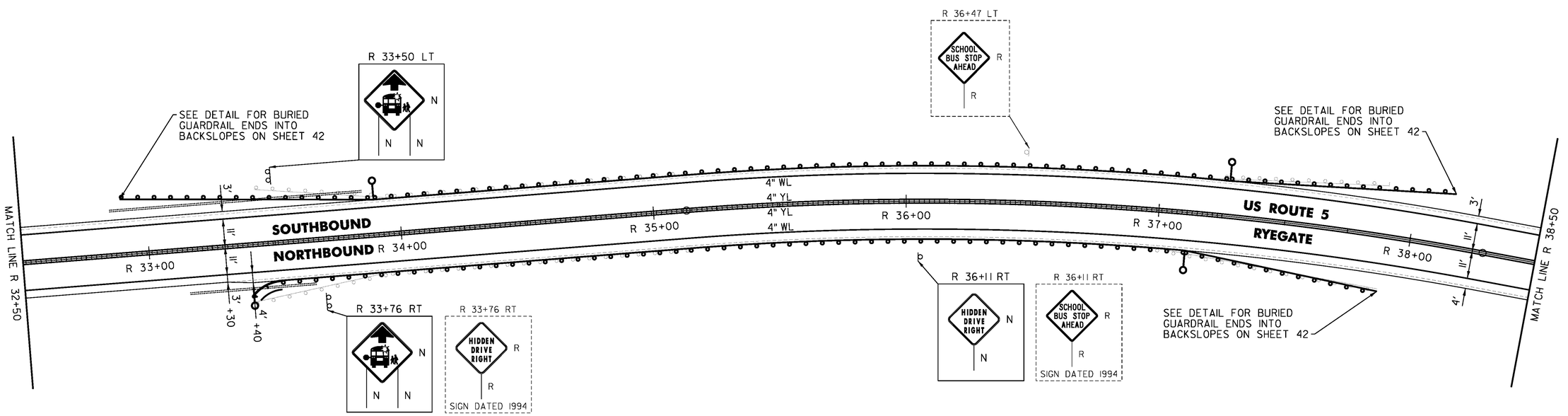
REMOVAL AND DISPOSAL OF GUARDRAIL
R 33+40 TO R 37+90 RT
R 33+43 TO R 37+89 LT

DELINEATOR WITH STEEL POST
R 33+40 RT
R 33+90 LT
R 37+12 RT
R 37+27 LT

12" CSP .064 (2-2/3 X 1/2)
R 32+86 TO R 33+86 LT
R 33+15 TO R 33+65 RT

MILLED RUMBLE STRIPS
R 32+50 TO R 37+25 CL

REMOVING SIGNS
AS SHOWN - 3



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 133	SHEET 191 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
R 38+50 TO R 44+50 SOLID LT & RT

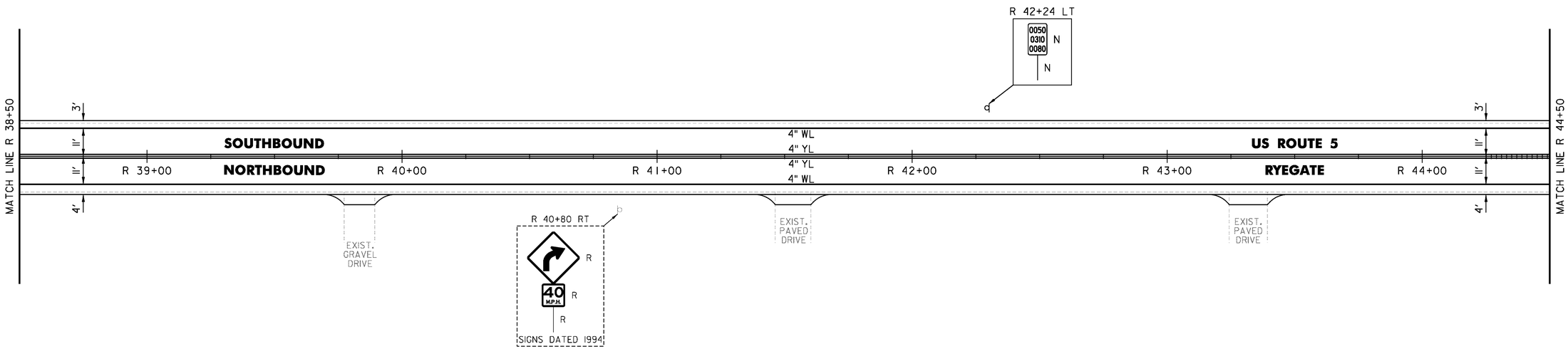
TEMPORARY 4 INCH YELLOW LINE, PAINT
R 38+50 TO R 44+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
R 38+50 TO R 44+25 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
R 44+25 TO R 44+50 SOLID LT & RT

MILLED RUMBLE STRIPS
R 44+25 TO R 44+50 CL

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 134	SHEET 192 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
R 44+50 TO R 50+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
R 44+50 TO R 50+50 SOLID LT & RT

STEEL BEAM GUARDRAIL,
GALVANIZED W/8 FEET POSTS
R 48+17.5 TO R 50+50 LT
R 48+17.5 TO R 50+50 RT

STEEL BEAM GUARDRAIL, GALVANIZED
R 48+05 TO R 48+17.5 LT
R 48+05 TO R 48+17.5 RT

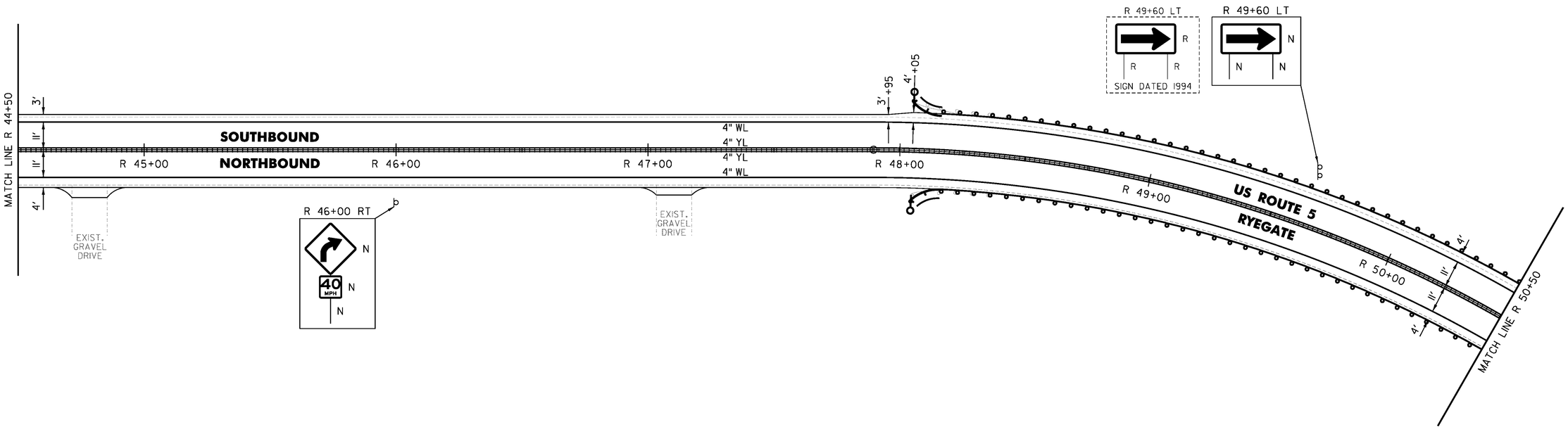
ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
R 48+05 TO R 50+50 LT
R 48+05 TO R 50+50 RT

DELINEATOR WITH STEEL POST
R 48+05 LT
R 48+05 RT

MILLED RUMBLE STRIPS
R 44+50 TO R 50+50 CL

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 135	SHEET 193 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
R 50+50 TO R 56+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
R 50+50 TO R 56+50 SOLID LT & RT

STEEL BEAM GUARDRAIL,
GALVANIZED W/8 FEET POSTS
R 50+50 TO R 50+80 LT
R 50+50 TO R 51+42.5 RT

STEEL BEAM GUARDRAIL, GALVANIZED
R 50+80 TO R 50+92.5 LT
R 51+42.5 TO R 51+55 RT
R 53+00 TO R 55+00 RT

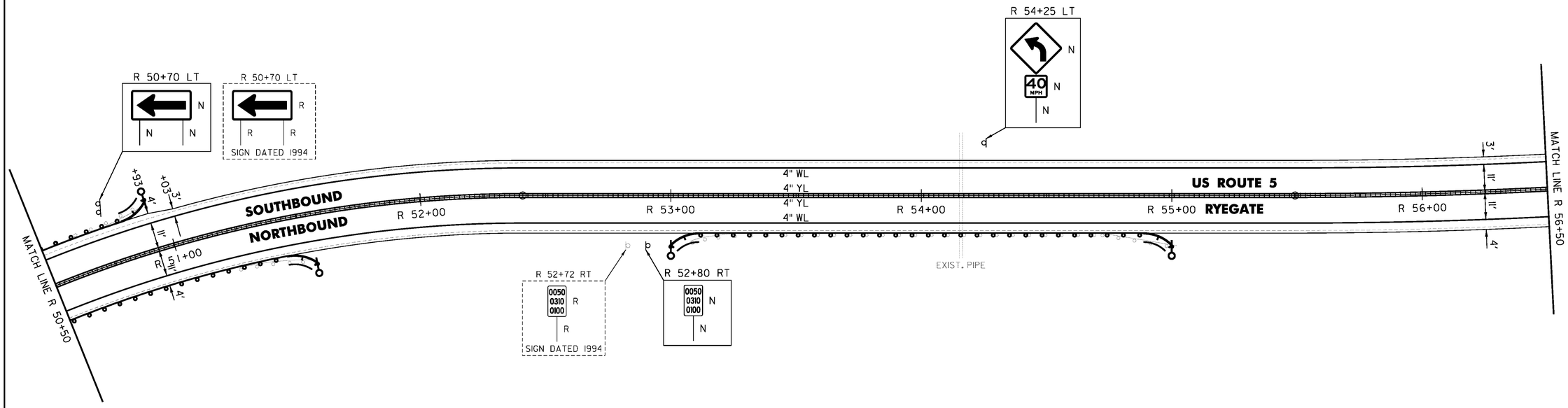
ANCHOR FOR STEEL BEAM RAIL
4 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
R 50+50 TO R 50+94 LT
R 50+50 TO R 51+55 RT
R 53+08 TO R 55+02 RT

DELINEATOR WITH STEEL POST
R 50+92.5 LT
R 51+55 RT
R 53+00 RT
R 55+00 RT

MILLED RUMBLE STRIPS
R 50+50 TO R 56+50 CL

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 136	SHEET 194 OF 239

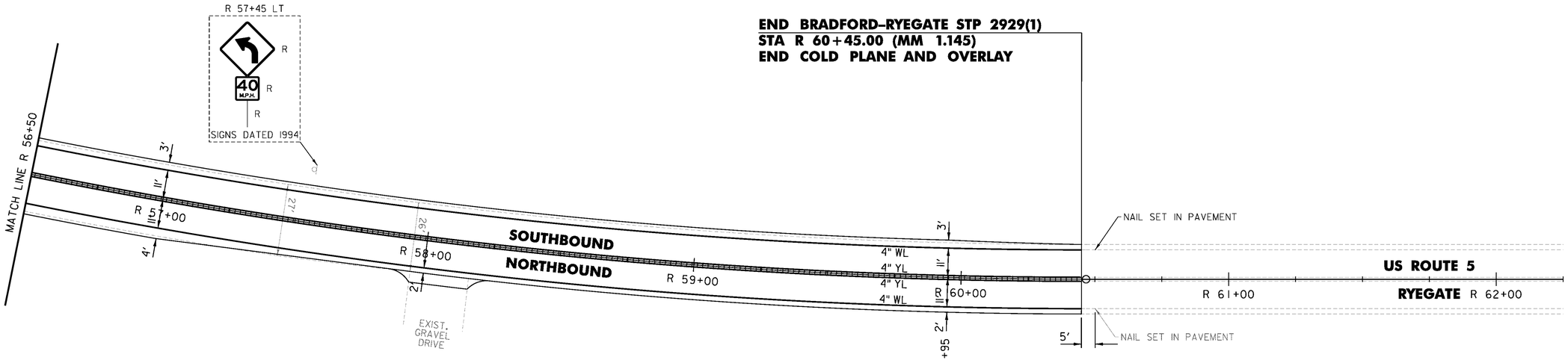
CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
R 56+50 TO R 60+45 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
R 56+50 TO R 60+45 SOLID LT & RT

MILLED RUMBLE STRIPS
R 56+50 TO R 60+45 CL

REMOVING SIGNS
AS SHOWN - 2



END BRADFORD-RYEGATE STP 2929(1)
STA R 60+45.00 (MM 1.145)
END COLD PLANE AND OVERLAY

NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 5 PLAN SHEET 137	SHEET 195 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
1+50 TO 7+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
1+50 TO 7+50 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
1+50 TO 2+00 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
2+00 TO 7+50 SOLID LT & RT

TEMPORARY RAILROAD CROSSING SYMBOL, PAINT
DURABLE RAILROAD CROSSING SYMBOL (OPTION ITEM)
4+70 RT

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
5+91 LT "AHEAD"
6+31 LT "STOP"

STEEL BEAM GUARDRAIL, GALVANIZED
2+67.5 TO 3+05 RT

REMOVE AND RESET GUARDRAIL
1+50 TO 2+67.5 RT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

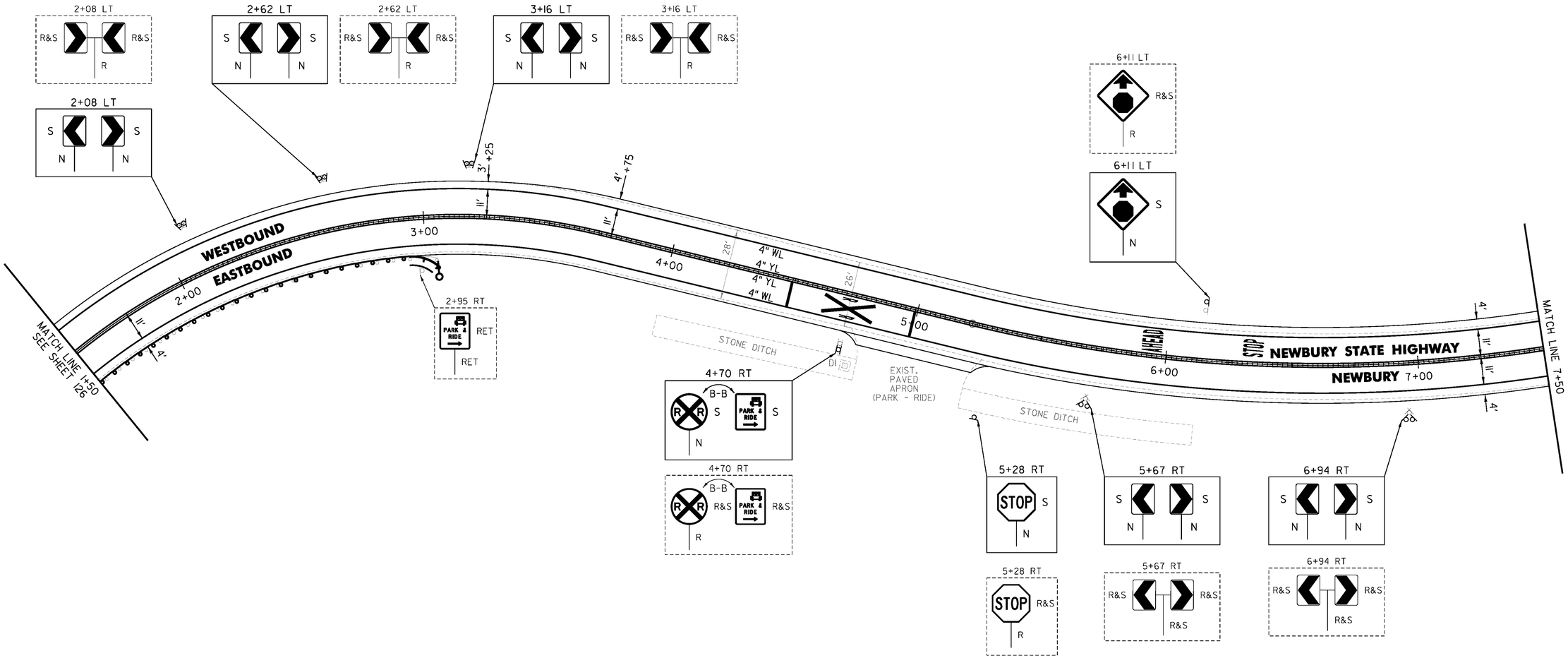
REMOVAL AND DISPOSAL OF GUARDRAIL
2+67.5 TO 3+05 RT

DELINEATOR WITH STEEL POST
3+05 RT

MILLED RUMBLE STRIPS
2+00 TO 7+50 CL

REMOVING SIGNS
AS SHOWN - 14

ERECTING SALVAGED SIGNS
AS SHOWN - 14



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
NEWBURY STATE HIGHWAY PLAN SHEET I	SHEET 196 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
7+50 TO 13+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
7+50 TO 13+50 SOLID LT & RT

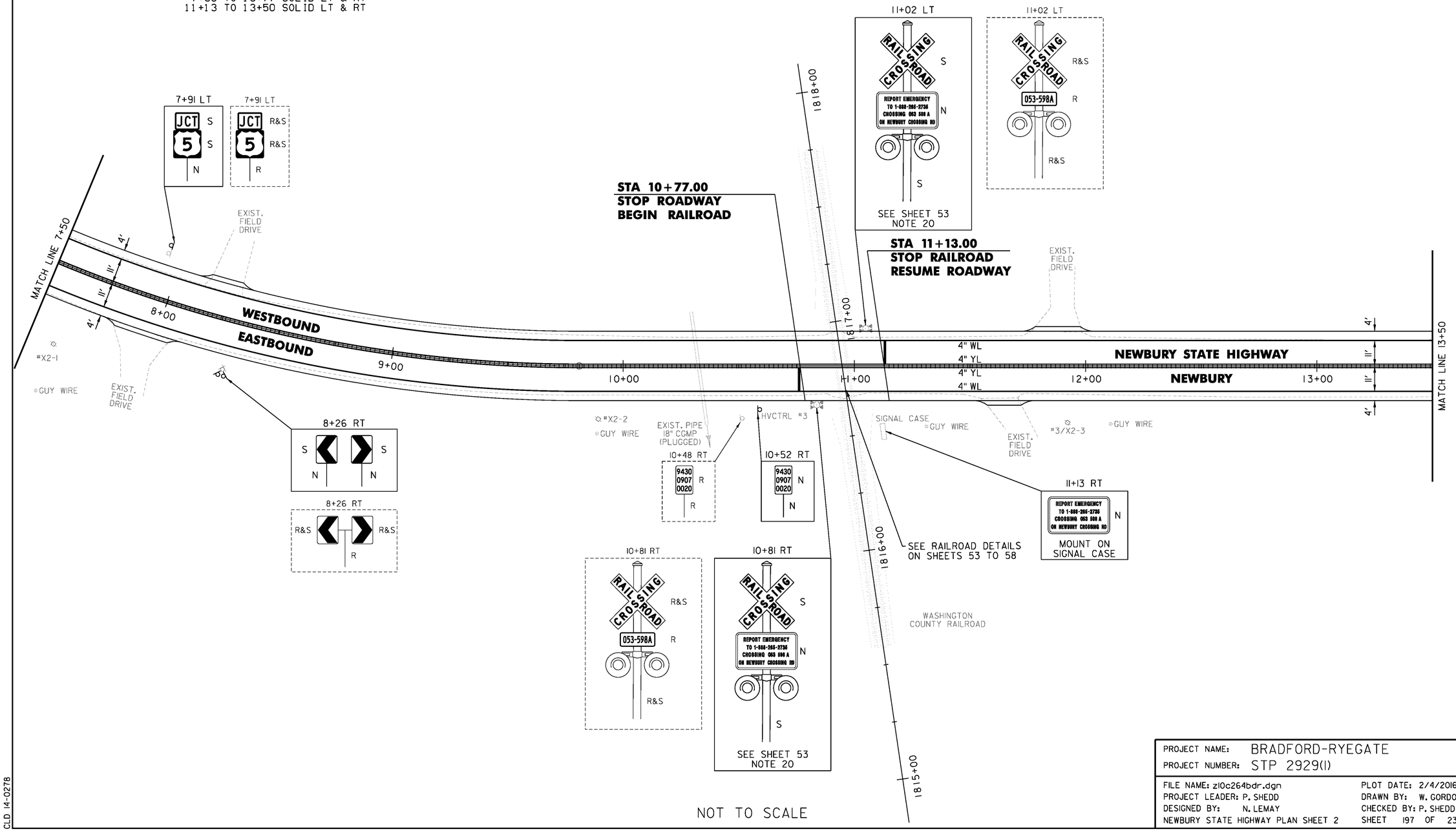
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
10+77 TO 11+13 SOLID LT & RT

DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
7+50 TO 10+77 SOLID LT & RT
11+13 TO 13+50 SOLID LT & RT

MILLED RUMBLE STRIPS
7+50 TO 10+77 CL
11+13 TO 13+50 CL

REMOVING SIGNS
AS SHOWN - 9

ERECTING SALVAGED SIGNS
AS SHOWN - 6



NOT TO SCALE

CLD 14-0278

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
NEWBURY STATE HIGHWAY PLAN SHEET 2	SHEET 197 OF 239

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
13+50 TO 19+50 SOLID LT & RT

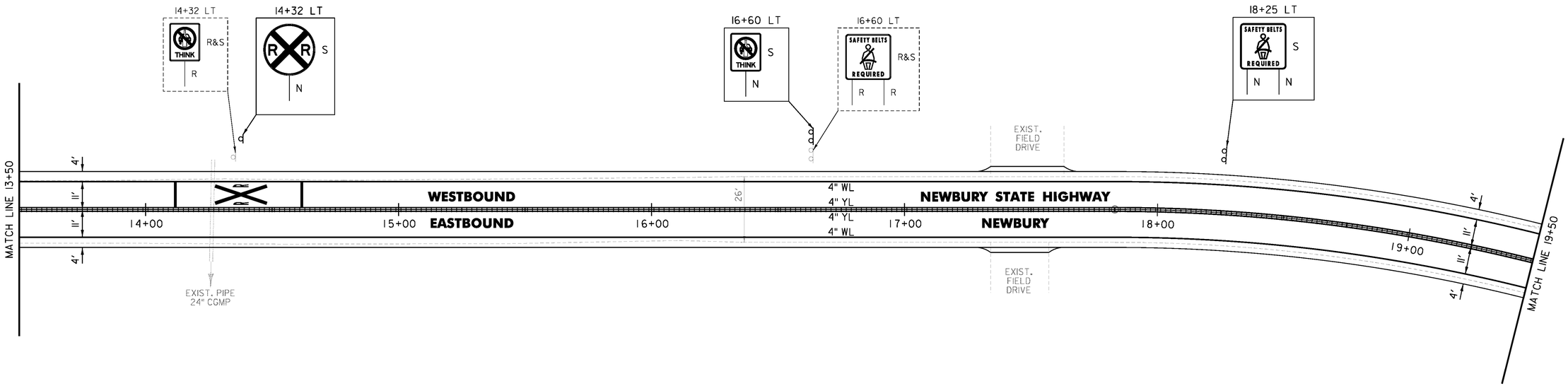
TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
13+50 TO 19+50 SOLID LT & RT

TEMPORARY RAILROAD CROSSING SYMBOL, PAINT
DURABLE RAILROAD CROSSING SYMBOL (OPTION ITEM)
14+32 LT

MILLED RUMBLE STRIPS
13+50 TO 19+50 CL

REMOVING SIGNS
AS SHOWN - 2

ERECTING SALVAGED SIGNS
AS SHOWN - 3



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
NEWBURY STATE HIGHWAY PLAN SHEET 3	SHEET 198 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
19+50 TO 24+49 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE, EPOXY PAINT OR
DURABLE 4 INCH YELLOW LINE, POLYUREA (OPTION ITEM)
19+50 TO 24+49 SOLID LT & RT

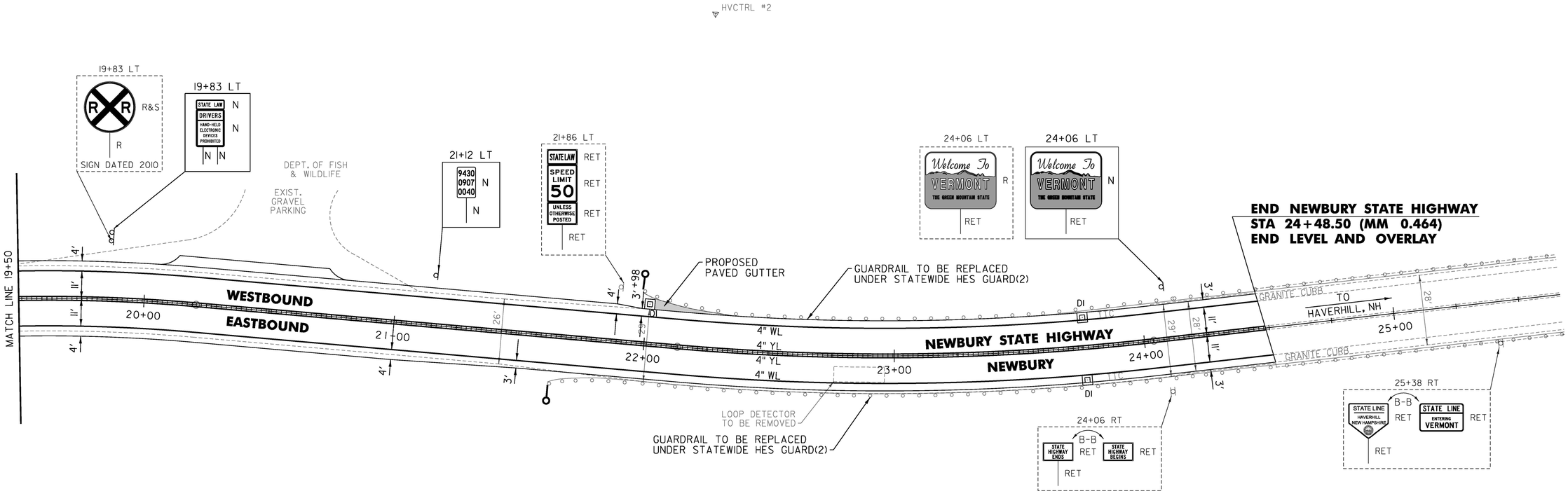
REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II
22+01 LT
23+76 LT
23+76 RT

DELINEATOR WITH STEEL POST
21+63 RT
21+98 LT

BITUMINOUS CONCRETE GUTTERS AND TRAFFIC ISLANDS
22+03 TO 22+35 LT

MILLED RUMBLE STRIPS
19+50 TO 24+49 CL

REMOVING SIGNS
AS SHOWN - 2



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
NEWBURY STATE HIGHWAY PLAN SHEET 4	SHEET 199 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
M 246+50 TO M 251+50 SOLID LT & RT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
M 246+50 TO M 251+50 SOLID LT & RT

REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II
M 250+04 LT

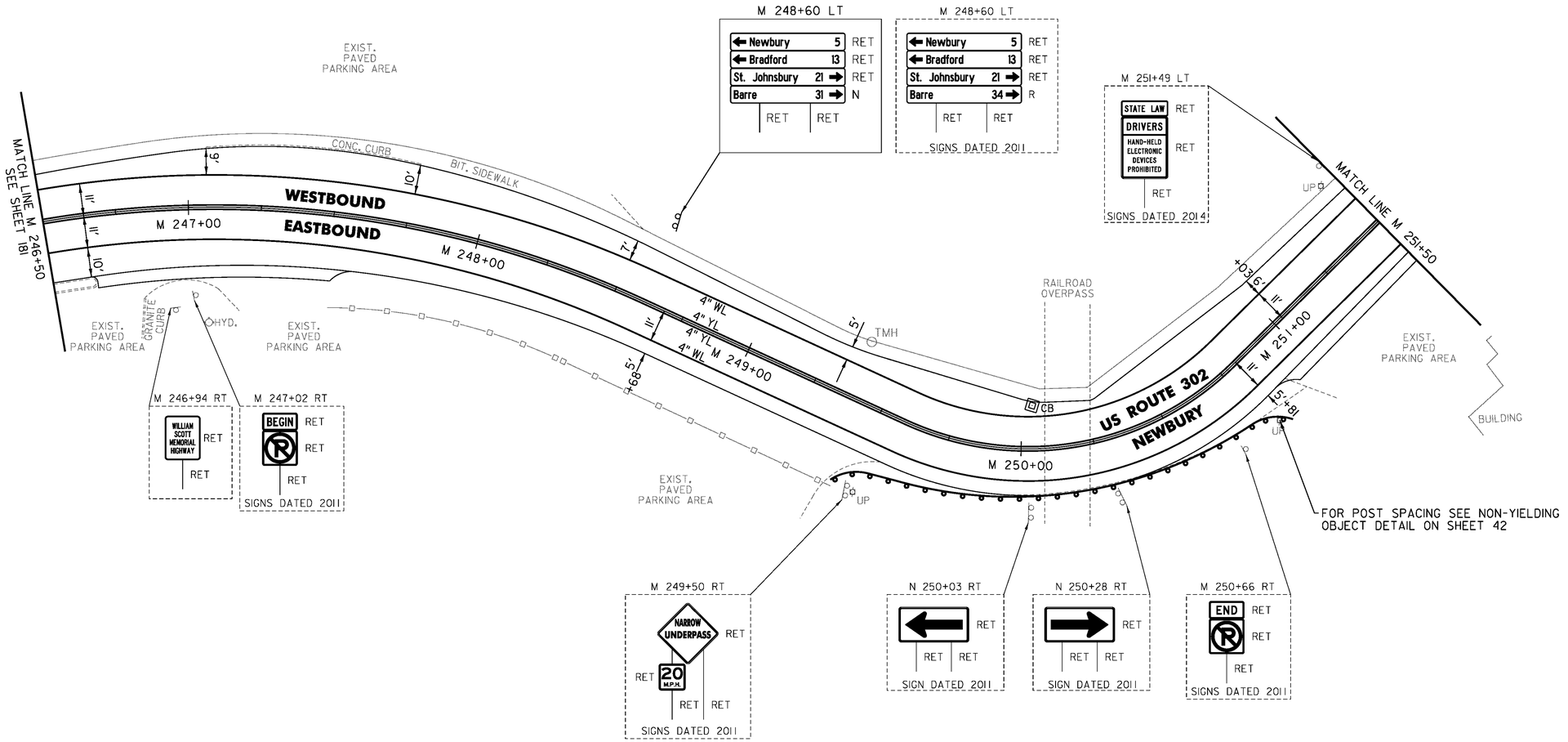
STEEL BEAM GUARDRAIL, GALVANIZED
M 249+44 TO M 250+81.5 RT

ANCHOR FOR STEEL BEAM RAIL
2 (SEE STANDARD G-1d)

REMOVAL AND DISPOSAL OF GUARDRAIL
M 249+44 TO M 250+81.5 RT

DELINEATOR WITH STEEL POST
M 249+44 RT
M 250+81.5 RT

REMOVING SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 302 PLAN SHEET 1	SHEET 200 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
M 251+50 TO M 257+50 SOLID LT & RT
M 252+53 SOLID LT (NO PARKING)
M 252+65 SOLID LT (NO PARKING)

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
M 251+50 TO M 257+50 SOLID LT & RT

TEMPORARY 8 INCH WHITE LINE, PAINT
DURABLE 8 INCH WHITE LINE (OPTION ITEM)
M 252+53 TO M 252+65 SOLID LT (NO PARKING)

REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II
M 252+34 RT
M 254+40 RT
M 255+51 RT
M 257+03 LT
M 257+03 RT

STEEL BEAM GUARDRAIL, GALVANIZED
M 256+90 TO M 257+50 RT

ANCHOR FOR STEEL BEAM RAIL
1 (SEE STANDARD G-1d)

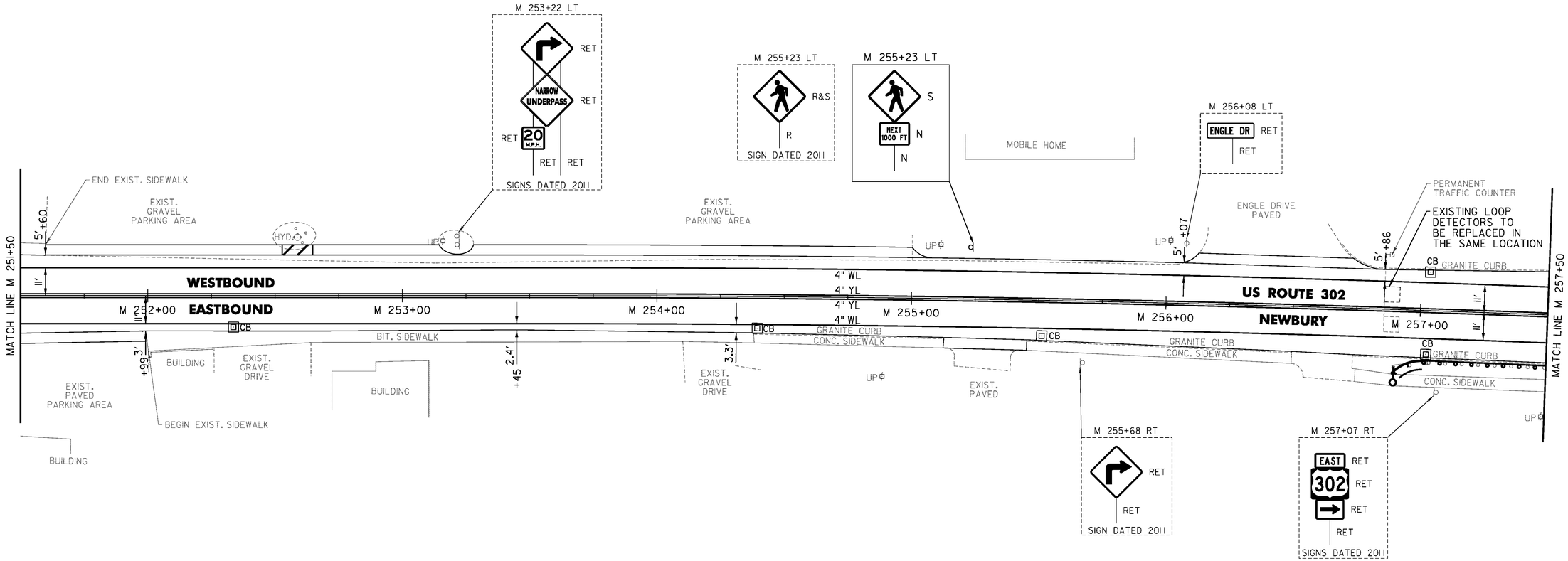
REMOVAL AND DISPOSAL OF GUARDRAIL
M 256+89 TO M 257+50 RT

DELINEATOR WITH STEEL POST
M 256+90 RT

VEHICLE LOOP DETECTOR
M 256+89 LT & RT

REMOVING SIGNS
AS SHOWN - 1

ERECTING SALVAGED SIGNS
AS SHOWN - 1



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 302 PLAN SHEET 2	SHEET 201 OF 239

CLD 14-0278

TEMPORARY 4 INCH WHITE LINE, PAINT
DURABLE 4 INCH WHITE LINE (OPTION ITEM)
M 257+50 TO M 258+27 SOLID LT
M 257+50 TO M 259+33 SOLID RT
M 258+27 TO M 258+69 SOLID LT (TH 412)
M 258+98 TO M 259+21 SOLID LT (TH 412)
M 259+21 TO M 259+33 SOLID LT

TEMPORARY 4 INCH YELLOW LINE, PAINT
DURABLE 4 INCH YELLOW LINE (OPTION ITEM)
M 257+50 TO M 258+59 SOLID LT & RT
M 258+80 TO M 258+83 DOUBLE SOLID LT (TH 412)
M 258+99 TO M 259+33 SOLID LT & RT

TEMPORARY 24 INCH STOP BAR, PAINT
DURABLE 24 INCH STOP BAR (OPTION ITEM)
M 258+53 TO M 258+80 LT

TEMPORARY LETTER OR SYMBOL, PAINT
DURABLE LETTER OR SYMBOL (OPTION ITEM)
M 258+69 LT "STOP"

REHAB. DROP INLETS, CATCH BASINS, OR MANHOLES, CLASS I, CLASS II
M 259+07 RT

CHANGING ELEVATION OF SEWER MANHOLES (NON-PART)
M 257+93 LT

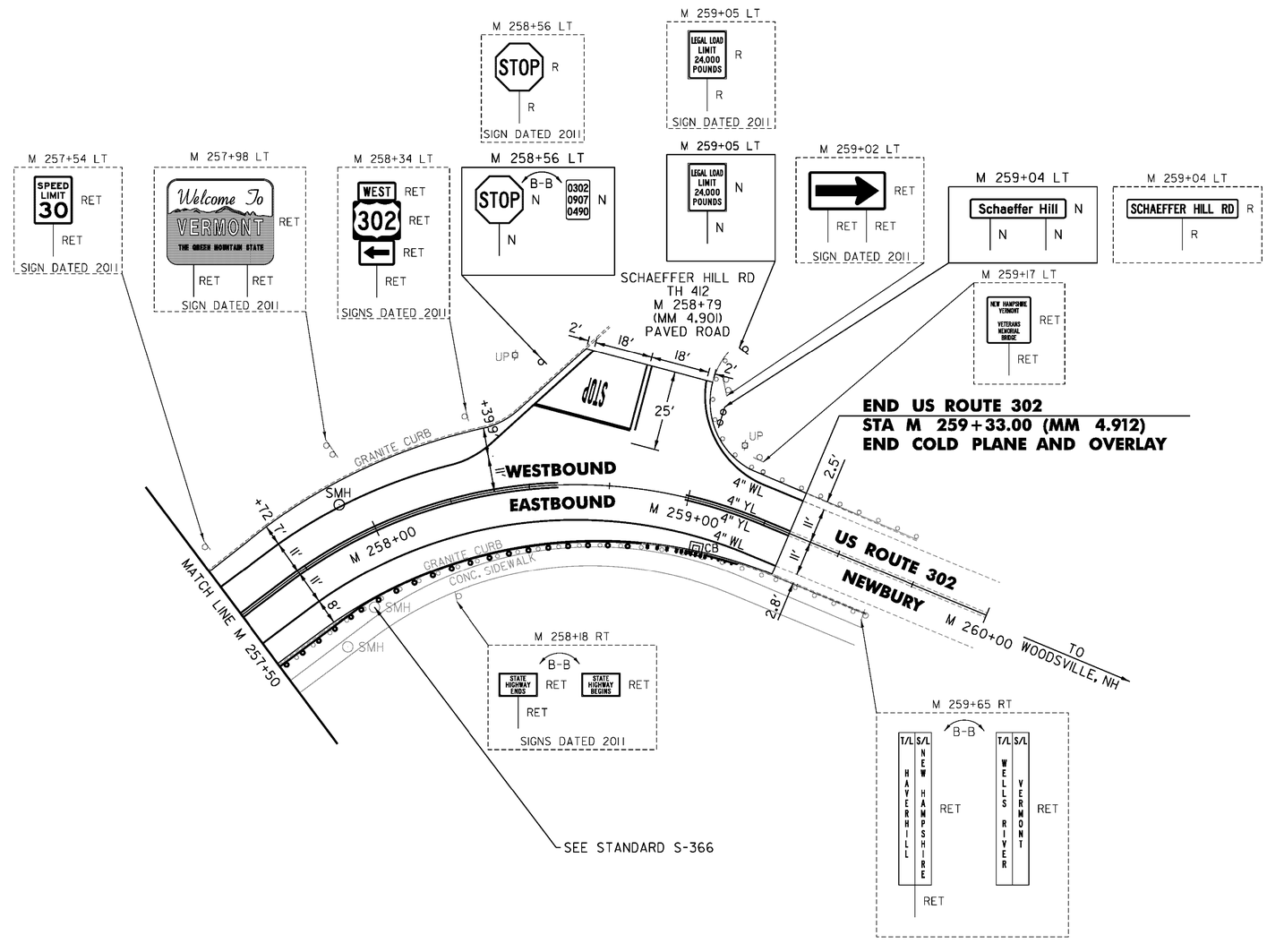
~~GUARDRAIL APPROACH SECTION, GALVANIZED 2 RAIL BOX BEAM~~
~~M 258+90 TO M 259+22 RT~~

STEEL BEAM GUARDRAIL, GALVANIZED
M 257+50 TO M 257+52.5 RT
M 258+27.5 TO M 258+90 RT

REMOVAL AND DISPOSAL OF GUARDRAIL
M 257+50 TO M 259+22 RT

STEEL BEAM GUARDRAIL, GALVANIZED/NESTED
M 257+52.5 TO ~~M 258+27.5 RT~~
M 257+65 RT

REMOVING SIGNS
AS SHOWN - 3



NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264bdr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
US 302 PLAN SHEET 3	SHEET 202 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #1

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																	REMARKS	SIGN DETAIL		
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	SQUARE STEEL (in) 2.0 lb/ft 2.42	SQUARE STEEL (in) 2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	TUBULAR ALUMINUM Ø (in) 4.0 lb/ft 1.7	TUBULAR ALUMINUM Ø (in) 4.0 MOD lb/ft 1.7	FOUNDATION	TUBULAR STEEL Ø (in) 3.0 lb/ft 7.6	TUBULAR STEEL Ø (in) 3.5 lb/ft 9.0	TUBULAR STEEL Ø (in) 4.0 lb/ft 10.8	TUBULAR STEEL Ø (in) 5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	W-SHAPE STEEL FTG. SIZE 30"	W-SHAPE STEEL WEIGHT	W-SHAPE STEEL POST SIZE	SIGN REQUIRED		SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
BRADFORD US ROUTE 5	0050 0901 XXXX	23	6	10	9.66		1				14	X			X															VD-700 SEE SHEET 230 FOR LOCATIONS			T-44
NEWBURY US ROUTE 5	0050 0907 XXXX	41	6	10	17.22						40	X			X															VD-700 SEE SHEET 230 FOR LOCATIONS			T-44
RYEGATE US ROUTE 5	0050 0310 XXXX	5	6	10	2.10						5	X			X															VD-700 SEE SHEET 230 FOR LOCATIONS			T-44
NEWBURY STATE HIGHWAY	9430 0907 XXXX	2	6	10	0.84						2	X			X															VD-700 SEE SHEET 230 FOR LOCATIONS			T-44
BRADFORD US ROUTE 5 82+75 RT		1	18	18	2.25						1	X			X																OMI-1		
83+70 LT	JCT	1	21	15	2.19						1		X		X															GREEN ON WHITE	M2-1		
	VERMONT 25	1	24	24	4.00																									VMI-5			E-136B
89+06 RT	Connecticut River Academy →						1				2		X		X																		
90+00 LT		1	30	30	6.25						1		X		X															ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W11-15		
104+31 RT	BRIDGE 90C 118-5	1	6	10	0.42						1	X			X															VD-701			T-42
104+41 RT	SPEED LIMIT 40						1				1		X		X																		
104+53 LT	BRIDGE 90C 118-5	1	6	10	0.42						1	X			X															VD-701			T-42
106+00 LT		1	30	30	6.25						1		X		X															ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W11-15		
114+50 RT	NARROW BRIDGE	1	36	36	9.00						2		X		X																W5-2		
117+66 RT	SPEED LIMIT 25						1				1		X		X																		
	SHEET TOTALS				SF 60.60	SF	EA. 4	SF				FT 640	FT 135	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB					
														FT 775					LB		EA.										

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 1

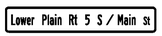
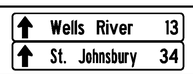
PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 203 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #2

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUND-ATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
118+30 LT		1	30	30	6.25						1		X		X																ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W11-15		
		1	24	12	2.00																										ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W16-9P		
119+07 RT							1				1		X		X																			
							1																											
119+46 LT		1	72	12	6.00						2		X		X																D3-1 INSTALL PARALLEL TO US ROUTE 5		231	
119+50 RT		1	6	10	0.42						1	X			X																VD-701			T-42
119+54 RT		1	12	36	3.00						1		X		X																	OM3-R		
121+20 LT		1	36	36	9.00						2		X		X																	W5-2		
121+24 LT		1	6	10	0.42						1	X			X																VD-701			T-42
123+94 RT 124+01 LT		1 1	30 30	30 30	6.25 6.25						1 1		X X		X X																THIN & TRIM AT 123+94 RT ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W11-2 W11-2		
		1 1	24 24	12 12	2.00 2.00																										ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W16-7P W16-7P		
124+88 RT							1 1				2			X	X																			
							1 1																											
							1 1																											
							1 1																											
126+08 RT		1	24	30	5.00						1		X		X																VR-017			E-141

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

											FT 20	FT 150	FT 30		EA	LB	LB	LB		LB	LB	LB	LB								
SHEET TOTALS	SF 48.59	SF	EA. 10	SF		FT 200			LB		EA.	LB			EA.	EA.	LB															

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: zl0c264tsdet.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
TRAFFIC SIGN SUMMARY SHEET 2	SHEET 204 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #3

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
126+56 RT							1				1		X		X																		
							1																										
127+43 LT 127+70 RT		1 1	12 12	18 18	1.50 1.50						1 1		X X		X X	X X															R7-8 R7-8		
127+70 LT	Bank St	1	36	12	3.00						1		X		X	X														D3-1 INSTALL PERPENDICULAR TO US ROUTE 5		233	
	Main St	1	36	12	3.00																									D3-1 INSTALL PARALLEL TO US ROUTE 5		233	
132+33 RT	STOP 0050 0901 0250	1	6	10	0.42		1				1		X		X															VD-700 BACK TO BACK			T-44
132+34 RT	KD Welch Service Rd	1	72	12	6.00						2		X		X															D3-1		233	
132+40 RT							1				1		X		X																		
							1																										
132+60 RT	N Main St / Main St	1	72	12	6.00						2		X		X															D3-1 INSTALL PARALLEL TO US ROUTE 5		231	
140+20 RT	N Main St	1	42	12	3.50						2		X		X															D3-1 INSTALL PARALLEL TO US ROUTE 5		233	
	Doe Meadow Ln	1	68	12	5.67																									D3-1 INSTALL PERPENDICULAR TO US ROUTE 5		233	
150+69 RT		1	36	36	6.75						2		X		X															ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	S1-1		
	SCHOOL	1	36	12	3.00																									ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	S4-3P		
152+73 LT	STOP 0050 0901 0290	1	6	10	0.42		1				1		X		X															VD-700			T-44

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

	SF	SF	EA.	SF		FT				EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.	LB
SHEET TOTALS	40.76		6			225						LB				LB					

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 3

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 205 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #4

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																	REMARKS	SIGN DETAIL		
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	SQUARE STEEL (in)			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in)			FOUND-ATION	TUBULAR STEEL Ø (in)				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN REQUIRED		SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"						
												lb/ft					lb/ft				lb/ft											
												1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6								
153+28 LT	Wrights Ave	1	42	12	3.50						1		X		X													D3-1	INSTALL PERPENDICULAR TO US ROUTE 5		233	
	N Main St	1	42	12	3.50																							D3-1	INSTALL PARALLEL TO US ROUTE 5		233	
154+43 RT	SPEED LIMIT 25	1	24	30	5.00				1																				MOUNT BELOW RETAINED FLASHING BEACON AND SCHOOL SIGN	R2-1		
	WHEN FLASHING	1	24	10	1.67																									S4-4		
155+44 RT	Depot St	1	40	12	3.33						1		X		X													D3-1	INSTALL PERPENDICULAR TO US ROUTE 5		233	
	N Main St	1	42	12	3.50																							D3-1	INSTALL PARALLEL TO US ROUTE 5		233	
156+33 LT	BRIDGE 92 US-5	1	6	10	0.42						1	X			X													VD-701				T-42
156+33 RT	BRIDGE 92 US-5	1	6	10	0.42						1	X			X													VD-701				T-42
159+66 LT	N Main St	1	42	12	3.50						2		X		X													D3-1	INSTALL PARALLEL TO US ROUTE 5		233	
	Fairground Rd	1	56	12	4.67																							D3-1	INSTALL PERPENDICULAR TO US ROUTE 5		233	
163+62 LT	Fairground Rd	1	30	8	1.67				1																			W16-8p	MOUNT BELOW RETAINED T-INTERSECTION SIGN		232	
166+78 LT							1				1		X		X														MOUNT SALVAGED FLASHING BEACON ABOVE SCHOOL SIGN			
	SCHOOL	1	24	8	1.33																								MOUNT BELOW SALVAGED FLASHING BEACON ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	S4-3P		
	SPEED LIMIT 25	1	24	30	5.00																								MOUNT BELOW SCHOOL SIGN	R2-1		
	WHEN FLASHING	1	24	10	1.67																								MOUNT BELOW SPEED LIMIT 25	S4-4P		
												FT 20	FT 75	FT		EA	LB	LB	LB		LB	LB	LB	LB								
SHEET TOTALS					SF 39.18	SF	EA. 1	SF				FT 95					LB			EA.	LB				EA.	EA.	LB				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 4

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 206 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #5

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																REMARKS	SIGN DETAIL		
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	SQUARE STEEL (in)			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in)			FOUNDATION	TUBULAR STEEL Ø (in)				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGNS REQUIRED		SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"						
												lb/ft					lb/ft				lb/ft											
												1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6								
167+20 RT	Upper Plain Rt 5 N/N Main St	1	72	12	6.00						2		X		X														D3-1	INSTALL PARALLEL TO US ROUTE 5		231	
167+77 LT	STOP	1	30	30	6.25						1		X		X																RI-1		
167+78 RT	END SCHOOL ZONE	1	24	30	5.00						1		X		X																S5-2		
183+31 LT	R						1				1		X		X																		
188+44 RT	← Oxbow High School	1	72	12	6.00						2		X		X														VD1-1				T-93
206+07 LT	Blue Spruce Rd	1	64	12	5.33						2		X		X														D3-1	THIN AND TRIM		233	
246+82 RT	BRIDGE 92A US-5	1	6	10	0.42						1	X			X														VD-701				T-42
247+15 LT	BRIDGE 92A US-5	1	6	10	0.42						1	X			X														VD-701				T-42
277+02 LT	Roaring Brook Rd	1	72	12	6.00						2		X		X														D3-1			233	
277+72 RT	BRIDGE 93 US-5	1	6	10	0.42						1	X			X														VD-701				T-42
278+62 LT	BRIDGE 93 US-5	1	6	10	0.42						1	X			X														VD-701				T-42
285+00 RT	BRIDGE 93A US-5	1	6	10	0.42						1	X			X														VD-701				T-42
285+33 LT	BRIDGE 93A US-5	1	6	10	0.42						1	X			X														VD-701				T-42
303+84 LT	Old Route 5	1	52	12	4.33						2		X		X														D3-1			233	
303+84 LT	STOP 0050 0901 0576	1	6	10	0.42		1				1		X		X														VD-700				T-44
												FT 60	FT 210	FT		EA	LB	LB	LB		LB	LB	LB	LB								
SHEET TOTALS		SF 41.85	SF	EA. 2	SF							FT 270					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 5

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 207 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #6

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	REQUIRED SIGNAGE	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
309+04 LT	Upper Plain	1	52	12	4.33						2		X		X																D3-1 INSTALL PARALLEL TO US ROUTE 5		231	
NEWBURY US ROUTE 5 N 0+94 RT	Town Of Newbury Rt 5 South	1	42	18	5.25						1		X		X																		231	
N 31+00 RT		1	30	30	6.25						1		X		X																W2-2		
	Doe Hill Rd	1	27	8	1.50																										W16-8p		232	
N 35+36 LT	STOP 0050 0907 0068	1 1	30 6	30 10	6.25 0.42						1		X		X																VD-700 BACK TO BACK	RI-1		T-44
N 36+17 LT	Doe Hill Rd	1	42	12	3.50						1		X		X																D3-1 INSTALL PERPENDICULAR TO US ROUTE 5		233	
	Rt 5 South	1	42	12	3.50																										D3-1 INSTALL PARALLEL TO US ROUTE 5		233	
N 36+29 LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X																VR-017			E-141
N 52+35 RT	BRIDGE 97 US-5	1	6	10	0.42						1	X			X																VD-701			T-42
N 53+56 LT	BRIDGE 97 US-5	1	6	10	0.42						1	X			X																VD-701			T-42
N 54+79 LT	Snake Rd	1	42	12	3.50						1		X		X																D3-1 INSTALL PERPENDICULAR TO US ROUTE 5		233	
	Rt 5 South	1	42	12	3.50																										D3-1 INSTALL PARALLEL TO US ROUTE 5		233	
N 54+88 LT	STOP 0050 0907 0105	1 1	30 6	30 10	6.25 0.42						1		X		X																VD-700 BACK TO BACK	RI-1		T-44
N 55+44 LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X																VR-017			E-141
N 58+59 RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X																VR-017			E-141
N 58+75 RT	STOP 0050 0907 0111	1 1	30 6	30 10	6.25 0.42						1		X		X																VD-700 BACK TO BACK	RI-1		T-44
												FT 20	FT 180	FT		EA	LB	LB	LB		LB	LB	LB	LB									
SHEET TOTALS					SF 67.18	SF	EA.	SF				FT 200					LB			EA.	LB				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 6

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 208 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #7

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	REQUIRED SIGNAGE	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
N 59+08 RT	Scott Rd	1	36	12	3.00						1		X		X																D3-1		233	
N 66+42 RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X																VR-017			E-141
N 66+80 RT	STOP 0050 0907 0126	1 1	30 6	30 10	6.25 0.42						1		X		X																BACK TO BACK VD-700	RI-1		T-44
N 66+90 RT	Scott Rd	1	36	12	3.00						1		X		X																D3-1		233	
N 119+00 LT		1	30	30	6.25						1		X		X																	WI-2R		
N 121+00 LT	HIDDEN DRIVE RIGHT	1	30	30	6.25						1		X		X																VW-133R			T-81
N 128+94 RT		1	30	30	6.25						1		X		X																	W2-2		
	Moore Hill Rd	1	33	8	1.83																										W16-8p		232	
N 133+45 LT	Moore Hill Rd	1	56	12	4.67						2		X		X																D3-1		233	
N 133+45 LT	STOP 0050 0907 0253	1 1	30 6	30 10	6.25 0.42						1		X		X																BACK TO BACK VD-700	RI-1		T-44
N 133+77 LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X																VR-017			E-141
N 151+88 RT	Newbury Wells River 6	1	30	18	3.75						1		X		X																VD-018		232	
N 154+37 RT	SPEED LIMIT 40	1	36	36	9.00						2		X		X																	W3-5		
N 158+85 RT	SPEED LIMIT 40	1	30	36	7.50						1		X		X																	R2-1		
N 158+85 LT	SPEED LIMIT 50	1	24	30	5.00						1		X		X																	R2-1		
N 164+26 RT	SPEED LIMIT 30	1	36	36	9.00						2		X		X																	W3-5		
												FT	FT 270	FT		EA	LB	LB	LB		LB	LB	LB	LB									
SHEET TOTALS		SF 88.84	SF	EA.	SF							FT 270					LB			EA.	LB				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 7

PLOT DATE: 2/29/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 209 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #8

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	REQUIRED SIGNAGE	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
N 166+20 LT	Bradford 7 White River Jct 37	1 1	72 72	12 12	6.00 6.00						2		X		X																VD2-1 VD2-1			T-93 T-93
N 166+54 RT	Main St S / Rt 5 South	1	72	12	6.00						2		X		X																D3-1 INSTALL PARALLEL TO US ROUTE 5		231	
N 170+45 RT	STOP 0050 0907 0322	1	6	10	0.42		1				2		X		X																VD-700 BACK TO BACK			T-44
N 170+50 RT	Main St S	1	42	12	3.50						2		X		X																D3-1 INSTALL PARALLEL TO US ROUTE 5		234	
	Newbury Crossing Rd	1	72	12	6.00																										D3-1 INSTALL PERPENDICULAR TO US ROUTE 5		233	
N 171+68 RT	SPEED LIMIT 30	1	30	36	7.50						1		X		X																	R2-1		
N 173+84 RT	Wells River 5 St. Johnsbury 27	1 1	72 72	12 12	6.00 6.00						2			X																	VD2-1 SPECIAL PROVISION (SOIL BEARING SLIP BASE) (2 1/2") VD2-1			T-93 T-93
	NORTH, VERMONT RIVER BYWAY						1 1																										
	5, AMERICA'S BYWAYS						1 1																										
N 182+51 RT	SPEED LIMIT 30	1	24	30	5.00						1		X		X																	R2-1		
N 187+75 RT		1	36	36	6.75						2		X		X																ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	SI-1		
	AHEAD	1	30	18	3.75																										ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W16-9P		
N 190+86 LT	SPEED LIMIT 30	1	24	30	5.00						1		X		X																	R2-1		
N 192+15 RT N 192+29 LT		1 1	36 36	36 36	6.75 6.75						2 2		X X		X X																ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	SI-1 SI-1		
		1 1	30 30	18 18	3.75 3.75																										ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W16-7PL W16-7PL		
N 193+12 LT	STOP	1	30	30	6.25						1		X		X																	RI-1		
												FT	FT 270	FT 30		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.	LB						
	SHEET TOTALS				SF 95.17	SF	EA. 5	SF				FT 300					LB			EA.	LB				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 8

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 210 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #9

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
N 193+48 LT	Pulaski St	1	42	12	3.50						1		X		X																D3-1 INSTALL PERPENDICULAR TO US ROUTE 5		234	
	Main St S	1	42	12	3.50																										D3-1 INSTALL PARALLEL TO US ROUTE 5		234	
N 193+57 RT	WATCH FOR TURNING VEHICLES	1	30	30	6.25						1		X		X																VW-205			T-82
N 193+68 LT	STOP 0050 0907 0367	1 1	30 6	30 10	6.25 0.42						1		X		X																VD-700 BACK TO BACK	RI-1		T-44
N 193+72 LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X																VR-017			E-141
N 196+33 RT	SPEED LIMIT 30	1	24	30	5.00						1		X		X																	R2-1		
N 197+13 LT	STOP 0050 0907 0372	1 1	30 6	30 10	6.25 0.42						1		X		X																VD-700 BACK TO BACK	RI-1		T-44
N 198+00 LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X																VR-017			E-141
N 198+09 LT	Chapel St	1	42	12	3.50						1		X		X																D3-1 INSTALL PERPENDICULAR TO US ROUTE 5		234	
	Main St S	1	42	12	3.50																										D3-1 INSTALL PARALLEL TO US ROUTE 5		234	
N 198+16 LT	STOP 0050 0907 0375	1 1	30 6	30 10	6.25 0.42						1		X		X																VD-700 BACK TO BACK	RI-1		T-44
N 202+38 LT	Pine St						1				1		X		X																MOUNT PERPENDICULAR ON TOP OF STOP SIGN			
	STOP 0050 0907 0384	1 1	30 6	30 10	6.25 0.42																										VD-700 BACK TO BACK	RI-1		T-44
N 202+67 LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X																VR-017			E-141
SHEET TOTALS					SF 66.93	SF	EA. 1	SF				FT	FT 165	FT		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 9

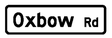
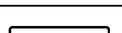
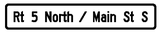
PLOT DATE: 2/29/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 211 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #10

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	REQUIRED SIGNAGE	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
N 205+07 LT		1	36	36	6.75						2		X		X																ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	SI-1		
		1	30	18	3.75																										ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W16-9P		
N 207+25 LT		1	24	30	5.00						1		X		X																	R2-1		
N 207+37 RT		1	6	10	0.42						1	X			X																VD-701			T-42
N 209+48 LT		1	6	10	0.42						1	X			X																VD-701			T-42
N 210+19 LT		1	42	12	3.50						1		X		X																D3-1 INSTALL PERPENDICULAR TO US ROUTE 5		234	
		1	42	12	3.50																										D3-1 INSTALL PARALLEL TO US ROUTE 5		234	
N 210+21 LT		1 1	30 6	30 10	6.25 0.42						1		X		X																VD-700 BACK TO BACK	RI-1		T-44
N 210+71 LT		1	24	30	5.00						1		X		X																VR-017			E-141
N 211+20 RT		1	24	30	5.00						1		X		X																	R2-1		
		1	6	10	0.42																										VD-700			T-44
N 217+93 RT		1	30	30	6.25						1		X		X																	WI-2L		
N 218+85 RT		1	72	12	6.00						2		X		X																D3-1 INSTALL PARALLEL TO US ROUTE 5		231	
N 219+93 RT		1	24	30	5.00						1		X		X																	R2-1		
N 220+00 LT		1	30	36	7.50						1		X		X																	R2-1		
SHEET TOTALS					SF 65.18	SF	EA.	SF				FT 20	FT 180	FT		EA	LB	LB	LB		LB	LB	LB	LB	EA.	EA.	LB						
												FT 200					LB			EA.	LB				EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 10

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 212 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #11

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN REQUIRED	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
N 224+62 LT	SPEED LIMIT 30	1	36	36	9.00						2		X		X																	W3-5		
N 225+09 RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X																	VR-017			E-141
N 225+44 RT	STOP 0050 0907 0426	1 1	30 6	30 10	6.25 0.42						1		X		X																	BACK TO BACK VD-700	RI-1		T-44
N 225+49 RT	Montebello Rd	1	56	12	4.67						2		X		X																	D3-1		234	
N 226+75 RT	BRIDGE 100 US-5	1	6	10	0.42						1	X			X																	VD-701			T-42
N 226+81 LT	BRIDGE 100 US-5	1	6	10	0.42						1	X			X																	VD-701			T-42
N 229+75 RT		1	36	36	9.00						2		X		X																		W1-1OR		
	Oxbow Rd	1	24	8	1.33																											W16-8p		232	
N 231+13 RT		1	36	36	9.00						2		X		X																	ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	S3-1		
N 233+03 LT		1	48	24	8.00						2		X		X																		W1-6		
N 233+35 LT		1	48	24	8.00						2		X		X																		W1-6		
N 233+55 LT	STOP 0050 0907 0443	1 1	30 6	30 10	6.25 0.42						1		X		X																	BACK TO BACK VD-700	RI-1		T-44
N 233+62 LT	Oxbow Rd	1	42	12	3.50						1		X		X																	INSTALL PERPENDICULAR TO US ROUTE 5 D3-1		234	
	Rt 5 North	1	42	12	3.50																											INSTALL PARALLEL TO US ROUTE 5 D3-1		233	
N 233+95 LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X																	VR-017			E-141
SHEET TOTALS					SF 80.18	SF	EA.	SF				FT 20	FT 255	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET II

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 213 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #12

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																	REMARKS	SIGN DETAIL		
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	SQUARE STEEL (in)			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in)			FOUND-ATION	TUBULAR STEEL Ø (in)					W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGN REQUIRED		SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"						
												lb/ft					lb/ft				lb/ft												
												1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6									
N 238+25 RT	SPEED LIMIT 40	1	24	30	5.00						1		X		X																R2-1		
N 244+75 LT		1	36	36	9.00						2		X		X																S3-1		
N 250+50 RT	SPEED LIMIT 40	1	24	30	5.00						1		X		X																R2-1		
N 260+53 LT	SPEED LIMIT 40	1	24	30	5.00						1		X		X																R2-1		
N 263+22 RT		1	30	30	6.25						1		X		X																W1-2L		
N 271+06 RT	BRIDGE 101 US-5	1	6	10	0.42						1	X			X																	VD-701		T-42
N 271+41 LT	BRIDGE 101 US-5	1	6	10	0.42						1	X			X																	VD-701		T-42
N 274+46 LT	SPEED LIMIT 40	1	30	36	7.50						1		X		X																R2-1		
	0050 0907 0520	1	6	10	0.42																										VD-700		T-44
N 274+46 RT	SPEED LIMIT 50	1	24	30	5.00						1		X		X																R2-1		
N 277+75 LT	Newbury Bradford 5	1	30	18	3.75						1		X		X																	VD-018	232	
N 280+87 LT	SPEED LIMIT 40	1	36	36	9.00						2		X		X																W3-5		
N 307+00 RT	BRIDGE ICES BEFORE ROAD	1	36	36	9.00						2		X		X																W8-13		
N 308+42 LT		1	12	36	3.00				1																						OM3-L		
												FT 20	FT 195	FT		EA	LB	LB	LB		LB	LB	LB	LB									
SHEET TOTALS		SF 68.76	SF	EA.	SF							FT 215					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 12

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 214 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #13

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																	REMARKS	SIGN DETAIL		
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	SQUARE STEEL (in)			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in)			FOUND-ATION	TUBULAR STEEL Ø (in)				W-SHAPE STEEL				SIGNS REQUIRED		SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE					
												lb/ft					lb/ft				lb/ft				24"	30"							
												1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6									
N 308+96 RT	BRIDGE 102 US-5	1	6	10	0.42						1	X			X														VD-701			T-42
N 309+11 RT		1	12	36	3.00				1																					OM3-R		
N 311+92 LT	BRIDGE 102 US-5	1	6	10	0.42						1	X			X														VD-701			T-42
N 312+01 LT		1	12	36	3.00				1																					OM3-R		
N 312+66 RT		1	12	36	3.00				1																					OM3-L		
N 314+00 LT	BRIDGE ICES BEFORE ROAD	1	36	36	9.00						2		X		X															W8-13		
N 330+00 LT		1	36	36	9.00						2		X		X														ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	S3-1		
N 355+80 RT	BRIDGE 104 US-5	1	6	10	0.42						1	X			X														VD-701			T-42
N 356+42 LT	BRIDGE 104 US-5	1	6	10	0.42						1	X			X														VD-701			T-42
N 401+64 LT	BRIDGE 104B US-5	1	6	10	0.42						1	X			X														VD-701			T-42
N 401+74 RT	BRIDGE 104B US-5	1	6	10	0.42						1	X			X														VD-701			T-42
N 402+46 LT	Ledger Rd	1	42	12	3.50						1		X		X														D3-1		234	
N 402+50 LT	STOP	1	30	30	6.25						1		X		X															R1-1		
N 402+63 RT	Round Barn Rd	1	60	12	5.00						2		X		X														D3-1		234	
												FT 60	FT 120	FT		EA	LB	LB	LB		LB	LB	LB	LB									
SHEET TOTALS		SF 44.27	SF	EA.	SF							FT 180					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 13

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 215 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #14

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	SALVAGE	NEW SIGN POSTS NO. OF POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	REFLECTIVE SIGN REQUIRED	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
N 402+73 RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X																VR-017			E-141
N 402+78 LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X																VR-017			E-141
N 403+21 RT	STOP 0050 0907 0763	1 1	30 6	30 10	6.25 0.42						1		X		X																BACK TO BACK VD-700	RI-1		T-44
N 417+08 LT	STOP 0050 0907 0790	1 1	30 6	30 10	6.25 0.42						1		X		X																BACK TO BACK VD-700	RI-1		T-44
N 417+10 LT	Baldwin Rd	1	42	12	3.50						1		X		X																D3-1		234	
N 417+48 LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X																VR-017			E-141
N 459+35 RT	SPEED LIMIT 40	1	36	36	9.00						2		X		X																	W3-5		
N 462+92 RT		1	30	30	6.25						1		X		X																ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W15-1		
N 465+93 RT	SPEED LIMIT 40	1	30	36	7.50						1		X		X																	R2-1		
N 466+01 LT	SPEED LIMIT 50	1	24	30	5.00						1		X		X																	R2-1		
N 468+07 RT	SPEED LIMIT 30	1	36	36	9.00						2		X		X																	W3-5		
N 470+03 RT	Wells River East Ryegate 5	1	30	18	3.75						1		X		X																VD-018		232	
N 471+62 RT		1	30	30	6.25						1		X		X																	W2-2		
	Elm St	1	18	8	1.00																										W16-8p		232	
N 471+78 RT	Main St N / Rt 5 North	1	72	12	6.00						2		X		X																D3-1 INSTALL PARALLEL TO US ROUTE 5		231	
SHEET TOTALS					SF 85.59	SF	EA.	SF				FT	FT 255	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

CLD 14-0278

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 14

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 216 OF 239

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #15

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
N 474+47 LT	SPEED LIMIT 40	1	24	30	5.00						1		X		X																	R2-1		
N 474+84 RT	SPEED LIMIT 30	1	30	36	7.50						1		X		X																	R2-1		
N 475+14 RT	Elm St	1	32	12	2.67						1		X		X																	D3-1 THIN & TRIM		234	
N 475+16 RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X																	VR-017			E-141
	SPEED LIMIT 25						1																											
N 475+47 RT	STOP 0050 0907 0900	1 1	30 6	30 10	6.25 0.42						1		X		X																	VD-700 BACK TO BACK	RI-1		T-44
N 478+19 LT		1	30	30	6.25						1		X		X																	ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W15-1		
N 481+12 LT	STOP 0050 0907 0912	1 1	30 6	30 10	6.25 0.42						1		X		X																	VD-700 BACK TO BACK	RI-1		T-44
N 481+13 LT	Tullar Rd	1	40	12	3.33						1		X		X																	D3-1		234	
N 481+39 LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X																	VR-017			E-141
N 482+34 RT	SPEED LIMIT 30	1	24	30	5.00						1		X		X																		R2-1		
N 484+00 RT		1	30	30	6.25						1		X		X																	ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W11-2		
	NEXT ½ MILE	1	24	18	3.00																											ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W7-3aP		
N 488+49 RT	JCT	1	21	15	2.19						1		X		X																	BLACK ON WHITE	M2-1		
	302	1	30	24	5.00																												M1-4		
SHEET TOTALS					SF 69.53	SF	EA. 1	SF				FT	FT 180	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 15

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 217 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #16

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN FRAME REQUIRED	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
N 491+21 LT	Newbury 5 Bradford 13	1 1	72 72	12 12	6.00 6.00						2		X		X																VD2-1 VD2-1			T-93 T-93
N 491+21 RT	East Ryegate 4 St. Johnsbury 21	1 1	72 72	12 12	6.00 6.00						2			X																VD1-1A SPECIAL PROVISION (SOIL VD1-1A BEARING SLIP BASE) (2 1/2")			T-93 T-93
	Groton 10 Barre 31	1 1	72 72	12 12	6.00 6.00																										VD1-1A VD1-1A			T-93 T-93
	Woodsville NH	1	72	12	6.00																										VD1-1			T-93
N 492+31 LT	SOUTH	1	24	12	2.00						1		X		X																BLACK ON WHITE	M3-3		
	5	1	24	24	4.00																											MI-4		
	CONNECTICUT RIVER BYWAY						1																											
	AMERICA'S BYWAYS						1																											
N 492+46 RT	NORTH WEST EAST	1 1 1	24 24 24	12 12 12	2.00 2.00 2.00						2									2	203.7								#3C	BLACK ON WHITE BLACK ON WHITE BLACK ON WHITE	M3-1 M3-4 M3-2		
	5 302 302	1 1 1	24 30 30	24 24 24	4.00 5.00 5.00																											MI-4 MI-4 MI-4		
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19																										BLACK ON WHITE BLACK ON WHITE BLACK ON WHITE	M6-3 M6-3 M6-1		
	TO H	1 1	24 24	12 24	2.00 4.00																										WHITE ON BLUE	M4-5 D9-2		
	INTERSTATE 91	1 1	24 21	24 15	4.00 2.19																										WHITE ON BLUE	MI-1 M6-1		
		1	21	15	2.19																										WHITE ON BLUE	M6-3		
	SHEET TOTALS				SF 88.95	SF	EA. 2	SF				FT 75					LB			EA. 2	LB 203.7				EA.	EA.	LB							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB
	45	30							203.7			

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 16

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 218 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #17

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	REQUIRED SIGNAGE	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
N 493+23 RT	← Woodsville NH	1	72	12	6.00						2			X																	VD2-1			T-93
	EAST H	1 1	24 24	12 24	2.00 4.00																									BLACK ON WHITE	M3-2 D9-2		
	302 ←	1 1	30 21	24 15	5.00 2.19																									WHITE ON BLUE	MI-4 M6-1		
	←	1	21	15	2.19																									BLACK ON WHITE	M6-1		
N 493+91 LT	Center St	1	42	12	3.50						1		X		X															D3-1 INSTALL PERPENDICULAR TO US ROUTE 5		234	
	Main St N	1	42	12	3.50																									D3-1 INSTALL PARALLEL TO US ROUTE 5		234	
N 493+92 LT	STOP 0050 0907 0936	1 1	30 6	30 10	6.25 0.42						1		X		X															VD-700 BACK TO BACK	RI-1		T-44
N 494+12 RT	Railroad St	1	42	12	3.50						1		X		X															D3-1 INSTALL PERPENDICULAR TO US ROUTE 5		234	
	Main St N	1	42	12	3.50																									D3-1 INSTALL PARALLEL TO US ROUTE 5		234	
N 494+16 LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X															VR-017			E-141
N 494+17 RT		1 1	30 30	30 30	6.25 6.25						1		X		X															ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING BACK TO BACK	WI1-2 WI1-2		
		1 1	24 24	12 12	2.00 2.00																									ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING BACK TO BACK	WI6-7PL WI6-7PR		
N 494+75 RT	SPEED LIMIT 30	1	24	30	5.00						1		X		X																R2-1		
N 495+36 RT	RESERVED PARKING	1	12	18	1.50						1		X		X	X															R7-8		
SHEET TOTALS					SF 70.05	SF	EA.	SF				FT	FT 105	FT 30		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB							

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 17

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 219 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #18

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																	REMARKS	SIGN DETAIL		
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	SQUARE STEEL (in)					TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)					W-SHAPE STEEL				REQUIRED SIGNAGE		SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUNDATION	3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE					
												lb/ft					lb/ft				lb/ft				24"	30"						
												1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6									
N 496+75 LT	Creamery St	1	42	12	3.50						1		X		X	X												D3-1		234	
	STOP	1	30	30	6.25																								R1-1			
N 496+87 RT	RESERVED PARKING	1	12	18	1.50						1		X		X	X													R7-8			
N 497+11 LT	PARKING						1				1		X		X																	
	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00																							VR-017			E-141
	NO PARKING HERE TO CORNER						1																									
N 497+15 LT		1	30	30	6.25						1		X		X	X												ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W11-2		
		1	24	12	2.00																							ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W16-7PL		
N 497+27 RT		1	30	30	6.25						1		X		X	X												ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W11-2		
		1	24	12	2.00																							ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W16-7PL		
N 498+32 LT		1	30	30	6.25						1		X		X	X												ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W11-2		
		1	24	12	2.00																							ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W16-7PL		
N 498+48 RT		1	30	30	6.25						1		X		X	X												ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W11-2		
		1	24	12	2.00																							ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W16-7PL		
N 498+63 LT	RESERVED PARKING	1	12	18	1.50						1		X		X	X													R7-8			
												FT	FT 120	FT		EA	LB	LB	LB		LB	LB	LB	LB								
	SHEET TOTALS				SF 50.75	SF	EA. 2	SF				FT 120					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 18

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 220 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #19

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																	SIGN REQUIRED	REMARKS	SIGN DETAIL		
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	SQUARE STEEL (in)			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in)			FOUNDATION	TUBULAR STEEL Ø (in)				W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE			SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"						
												lb/ft					lb/ft				lb/ft												
												1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6									
N 499+67 LT	SPEED LIMIT 30	1	24	30	5.00						1		X		X															R2-1		
N 500+01 LT	STOP	1	30	30	6.25						1		X		X															R1-1		
N 500+17 LT	STOP	1	36	36	9.00						2		X		X															R1-1		
N 500+82 RT		1	48	24	8.00						2		X		X	X														W1-7		
N 501+43 RT		1	30	30	6.25						1		X		X														ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W11-2		
		1	24	12	2.00																								ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W16-7PL		
N 501+56 LT		1	30	30	6.25						1		X		X														ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W11-2		
		1	24	12	2.00																								ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W16-7PL		
N 502+31 RT		1	30	30	6.25						1		X		X														ASTM TYPE IX FLUORESCENT YELLOW SHEETING	W1-3R		
	15 MPH	1	18	18	2.25																								ASTM TYPE IX FLUORESCENT YELLOW SHEETING	W13-1P		
N 502+66 RT	Maple St	1	40	12	3.33						1		X		X														D3-1		234	
N 502+67 RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X														VR-017			E-141
N 502+93 RT	STOP 0050 0907 0952	1 1	30 6	30 10	6.25 0.42						1		X		X														BACK TO BACK VD-700	R1-1		T-44
N 503+60 RT	BRIDGE 106 UB-5	1	6	10	0.42						1	X			X														VD-701			T-42
SHEET TOTALS		SF 68.67	SF	EA.	SF							FT 10	FT 180	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB						

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 19

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 221 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #20

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	REFLECTIVE SIGN REQUIRED	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
N 504+17 LT	BRIDGE 106 US-5	1	6	10	0.42						1	X			X																VD-701			T-42
N 504+26 LT	←						1				2		X		X																			
N 504+31 LT	STOP 0050 0907 0955	1 1	30 6	30 10	6.25 0.42						1		X		X																BACK TO BACK VD-700 THIN & TRIM	RI-1		T-44
N 504+39 LT	NO OUTLET						1				1		X		X																			
N 504+41 LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X																VR-017			E-141
N 504+53 LT	Water St	1	36	12	3.00						1		X		X																D3-1		234	
N 505+52 RT	East Ryegate 4 St. Johnsbury 21	1 1	72 72	12 12	6.00 6.00						2			X																VD2-1 BEHIND GUARDRAIL, VD2-1 NO SLIP BASES REQUIRED			T-93 T-93
	NORTH RIVER BYWAY						1 1																										
	5 AMERICA'S BYWAYS						1 1																										
N 506+65 LT	JCT	1	21	15	2.19						1		X		X																BLACK ON WHITE THIN & TRIM	M2-1		
	302	1	30	24	5.00																											MI-4		
N 506+88 RT		1	36	36	9.00						2		X		X																ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	S3-1		
	0050 0907 0960	1	6	10	0.42																										VD-700			T-44
N 507+54 RT	BRIDGE 107 US-5	1	6	10	0.42						1	X			X																VD-701			T-42
FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."												FT 20	FT 135	FT 30		EA	LB	LB	LB		LB	LB	LB	LB									
SHEET TOTALS					SF 44.12	SF	EA. 6	SF				FT 185					LB			EA.	LB				EA.	EA.	LB							

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264tsdet.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
TRAFFIC SIGN SUMMARY SHEET 20	SHEET 222 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #21

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																	SIGN DETAIL		
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	SQUARE STEEL (in)			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)					W-SHAPE STEEL				SIGN REQUIRED	REMARKS	SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.75	2.0	2.5			3.0	4.0	4.0 MOD	FOUNDATION	3.0	3.5	4.0	5.0	FTG. SIZE 24"	FTG. SIZE 30"	WEIGHT	POST SIZE					
												lb/ft					lb/ft				lb/ft											
												1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6								
N 508+17 RT	BRIDGE 107 US-5	1	6	10	0.42						1	X			X														VD-701			T-42
N 508+20 RT		1	18	24	3.00						1		X		X														ASTM TYPE IX FLUORESCENT YELLOW SHEETING	W1-8		
N 508+20 RT		1	18	24	3.00						1		X		X														ASTM TYPE IX FLUORESCENT YELLOW SHEETING	W1-8		
N 509+00 RT		1	18	24	3.00						1		X		X														ASTM TYPE IX FLUORESCENT YELLOW SHEETING	W1-8		
N 509+00 RT		1	18	24	3.00						1		X		X														ASTM TYPE IX FLUORESCENT YELLOW SHEETING	W1-8		
N 509+80 RT		1	18	24	3.00						1		X		X														ASTM TYPE IX FLUORESCENT YELLOW SHEETING	W1-8		
N 509+80 RT		1	18	24	3.00						1		X		X														ASTM TYPE IX FLUORESCENT YELLOW SHEETING	W1-8		
N 509+89 RT	Schaeffer Hill	1	60	12	5.00						2		X		X														D3-1		234	
N 510+04 RT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X														VR-017			E-141
N 510+25 LT	HIDDEN DRIVES	1	30	30	6.25						1		X		X														VW-060			T-81
N 510+31 RT	STOP 0050 0907 0966	1 1	30 6	30 10	6.25 0.42						1		X		X														BACK TO BACK VD-700	RI-1		T-44
N 510+60 RT		1	18	24	3.00						1		X		X														ASTM TYPE IX FLUORESCENT YELLOW SHEETING	W1-8		
N 510+60 RT		1	18	24	3.00						1		X		X														ASTM TYPE IX FLUORESCENT YELLOW SHEETING	W1-8		
N 510+95 LT	STOP 0050 0907 0968	1 1	30 6	30 10	6.25 0.42						1		X		X														BACK TO BACK VD-700	RI-1		T-44
SHEET TOTALS		SF 54.01	SF	EA.	SF							FT 10	FT 210	FT		EA	LB	LB	LB	EA.	LB	LB	LB	LB	EA.	EA.	LB					
												FT 220					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: zl0c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 21

PLOT DATE: 2/29/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 223 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #22

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	REQUIRED SIGN	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
N 510+98 LT	Bible Hill Rd	1	52	12	4.33						2		X		X																D3-1		234	
N 511+69 LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X																VR-017			E-141
	SPEED LIMIT 35						1																										
N 513+80 LT		1	30	30	6.25						1		X		X																W2-2			
	Bible Hill Rd	1	30	8	1.67																										W16-8p		232	
N 515+00 RT	BRIDGE 109 US-5	1	6	10	0.42						1	X			X																VD-701			T-42
N 515+19 LT		1	30	30	6.25						1		X		X																ASTM TYPE IX FLUORESCENT YELLOW SHEETING	W1-3R		
	15 MPH	1	18	18	2.25																										ASTM TYPE IX FLUORESCENT YELLOW SHEETING	W13-1P		
N 516+19 LT	BRIDGE 109 US-5	1	6	10	0.42						1	X			X																VD-701			T-42
RYEGATE N 517+69 RT/ R 0+00 RT	Ryegate / Caledonia Co. | Newbury / Orange Co.	1 1	72 72	10 10	5.00 5.00						2		X		X																VD-024 VD-025		231 231	
	0050 0310 0000 | 0050 0907 0980	1 1	6 6	10 10	0.42 0.42																										VD-700 VD-700			T-44 T-44
R 0+15 LT	SPEED LIMIT 30	1	30	36	7.50						1		X		X																	R2-1		
R 0+15 RT	SPEED LIMIT 50	1	24	30	5.00						1		X		X																	R2-1		
R 0+31 RT	Town Of Ryegate / Ryegate Rd	1	42	18	5.25						1		X		X																		231	
R 0+72 RT	BRIDGE 110 US-5	1	6	10	0.42						1	X			X																VD-701			T-42
												FT 30	FT 150	FT		EA	LB	LB	LB		LB	LB	LB	LB									
SHEET TOTALS					SF 55.60	SF	EA. 1	SF					FT 180					LB			EA.		LB			EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 22

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 224 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #23

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																	REMARKS	SIGN DETAIL		
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	SQUARE STEEL (in)			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in)			FOUNDATION	TUBULAR STEEL Ø (in)				W-SHAPE STEEL				SIGNS REQUIRED		SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	FTG. SIZE		WEIGHT	POST SIZE					
												lb/ft					lb/ft				lb/ft				24"	30"							
												1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6									
R 0+79 LT	BRIDGE 110 US-5	1	6	10	0.42						1	X			X															VD-701			T-42
R 3+20 LT	Wells River Newbury 5	1	30	18	3.75						1		X		X															VD-018		232	
R 5+13 RT	BRIDGE 111 US-5	1	6	10	0.42						1	X			X															VD-701			T-42
R 5+73 LT	BRIDGE 111 US-5	1	6	10	0.42						1	X			X															VD-701			T-42
R 6+00 LT	SPEED LIMIT 30	1	36	36	9.00						2		X		X																W3-5		
R 16+00 RT	HIDDEN DRIVES	1	30	30	6.25						1		X		X															VW-060			T-81
R 33+50 LT		1	36	36	9.00						2		X		X															ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	S3-1		
R 33+76 RT		1	36	36	9.00						2		X		X															ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	S3-1		
R 36+11 RT	HIDDEN DRIVE RIGHT	1	30	30	6.25						1		X		X															VW-133R			T-81
R 46+00 RT		1	30	30	6.25						1		X		X																W1-2R		
	40 MPH	1	18	18	2.25																										W13-1P		
R 49+60 LT		1	48	24	8.00						2		X		X																W1-6		
R 50+70 LT		1	48	24	8.00						2		X		X																W1-6		
R 54+25 LT		1	30	30	6.25						1		X		X																W1-2		
	40 MPH	1	18	18	2.25																										W13-1P		
												FT 30	FT 225	FT		EA	LB	LB	LB		LB	LB	LB	LB									
SHEET TOTALS					SF 77.51	SF	EA.	SF				FT 255					LB			EA.	LB				EA.	EA.	LB					

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: zl0c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 23

PLOT DATE: 2/29/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 225 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #24

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																	REMARKS	SIGN DETAIL		
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	SQUARE STEEL (in)					TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)					W-SHAPE STEEL								SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUNDATION	3.0	3.5	4.0	5.0	FTG. SIZE 24"	FTG. SIZE 30"	WEIGHT	POST SIZE	SIGN REQUIRED			
												lb/ft					lb/ft			lb/ft												
												1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6								
NEWBURY STATE HIGHWAY 0+80 RT	ROAD FLOODED / ROAD CLOSED TO THRU TRAFFIC	1	60	42	17.50						2		X		X													FOLDING/HINGED SEE STANDARD E-153 FOR HINGE DETAIL		232	
2+08 LT	←						1				1		X		X																
2+08 LT	→						1				1		X		X																
2+62 LT	←						1				1		X		X																
2+62 LT	→						1				1		X		X																
3+16 LT	←						1				1		X		X																
3+16 LT	→						1				1		X		X																
4+70 RT	R R / PARK & RIDE						1 1				1		X		X													BACK TO BACK			
5+28 RT	STOP						1				1		X		X																
5+67 RT	←						1				1		X		X																
5+67 RT	→						1				1		X		X																
6+11 LT	↑						1				1		X		X																
6+94 RT	←						1				1		X		X																
6+94 RT	→						1				1		X		X																
												FT	FT 225	FT		EA	LB	LB	LB		LB	LB	LB	LB								
SHEET TOTALS		SF 17.50	SF	EA. 14	SF							FT 225					LB			EA.	LB				EA.	EA.	LB				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 24

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 226 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #25

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																	REMARKS	SIGN DETAIL		
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	SQUARE STEEL (in)					TUBULAR ALUMINUM Ø (in)			TUBULAR STEEL Ø (in)					W-SHAPE STEEL								SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.75	2.0	2.5	ANCHOR	SLEEVE	3.0	4.0	4.0 MOD	FOUND-ATION	3.0	3.5	4.0	5.0	FTG. SIZE 24"	FTG. SIZE 30"	WEIGHT	POST SIZE					
												lb/ft					lb/ft				lb/ft												
												1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6									
7+91 LT	JCT						1				1		X		X																		
	5						1																										
8+26 RT							1				1		X		X																		
8+26 RT							1				1		X		X																		
10+81 RT	RAIL ROAD CROSSING						1			1																						
	REPORT EMERGENCY TO 1-888-284-2736 CROSSING 053 598 A ON NEWBURY CROSSING RD	1	30	18	3.75																							I-13a	WHITE ON BLUE SEE TYPICAL FOUNDATION DETAIL		58	
11+02 LT	RAIL ROAD CROSSING						1			1																						
	REPORT EMERGENCY TO 1-888-284-2736 CROSSING 053 598 A ON NEWBURY CROSSING RD	1	30	18	3.75																							I-13a	WHITE ON BLUE SEE TYPICAL FOUNDATION DETAIL		58	
11+13 RT	REPORT EMERGENCY TO 1-888-284-2736 CROSSING 053 598 A ON NEWBURY CROSSING RD	1	30	18	3.75																							I-13a	WHITE ON BLUE MOUNT ON SIGNAL CASE		58	
14+32 LT	R R						1				1		X		X																		
16+60 LT	THINK						1				1		X		X																		
18+25 LT	SAFETY BELTS REQUIRED						1				2		X		X																		
19+83 LT	STATE LAW	1	36	12	3.00						2		X		X															VW-362P	ASTM TYPE IX FLUORESCENT YELLOW SHEETING		232	
	DRIVERS HAND-HELD ELECTRONIC DEVICES PROHIBITED	1	36	48	12.00																							VR-430			232	
24+06 LT	Welcome To VERMONT	1	30	24	5.00				1																			VD-421			232	
												FT	FT 135	FT		EA	LB	LB	LB		LB	LB	LB	LB								
SHEET TOTALS		SF 31.25	SF	EA. 9	SF							FT 135					LB			EA.	LB				EA.	EA.	LB				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 25

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 227 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #26

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS EA	WIDTH (in)	HEIGHT (in)	NEW & SALVAGED SIGNS "A"	"B"	SALV SIGN	SALV TIS	EXIST POST RETAIN	EXIST POST SALVAGE	NEW SIGN POSTS NO. OF POSTS	SQUARE STEEL (in) 1.75 lb/ft 1.88	2.0 lb/ft 2.42	2.5 lb/ft 3.35	ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in) 3.0 lb/ft 1.3	4.0 lb/ft 1.7	4.0 MOD lb/ft 1.7	TUBULAR STEEL Ø (in) FOUNDATION	3.0 lb/ft 7.6	3.5 lb/ft 9.0	4.0 lb/ft 10.8	5.0 lb/ft 14.6	W-SHAPE STEEL FTG. SIZE 24"	30"	WEIGHT	POST SIZE	SIGN NUMBER	REFLECTORIZED REQUIRED	REMARKS	SIGN DETAIL SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
NEWBURY US ROUTE 302 M 243+90 RT	STOP 0050 0907 0949	1 1	30 6	30 10	6.25 0.42						1		X		X																	BACK TO BACK VD-700	RI-1		T-44
M 244+00 RT	East Ryegate 4 St. Johnsbury 21	1 1	72 72	12 12	6.00 6.00						2									2		256.5								VDI-1A VDI-1A			T-93 T-93
	Groton 10 Barre 31	1 1	72 72	12 12	6.00 6.00																									VDI-1A VDI-1A			T-93 T-93
	WEST TO NORTH	1 1 1	24 24 24	12 12 12	2.00 2.00 2.00																								*3A	BLACK ON WHITE WHITE ON BLUE BLACK ON WHITE	M3-4 M4-5 M3-1		
	302 INTERSTATE 91 5	1 1 1	30 24 24	24 24 24	5.00 4.00 4.00																										MI-4 MI-1 MI-4		
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19																									BLACK ON WHITE WHITE ON BLUE BLACK ON WHITE	M6-1 M6-1 M6-3		
	Newbury 5 Woodsville NH	1 1	72 72	12 12	6.00 6.00																									VDI-1A VDI-1A	BACK TO BACK ASSEMBLY			T-93 T-93
	Groton 10 Barre 31	1 1	72 72	12 12	6.00 6.00																									VDI-1A VDI-1A			T-93 T-93
	EAST WEST TO	1 1 1	24 24 24	12 12 12	2.00 2.00 2.00																								*3B	BLACK ON WHITE BLACK ON WHITE WHITE ON BLUE	M3-2 M3-4 M4-5		
	302 302 INTERSTATE 91	1 1 1	30 30 24	24 24 24	5.00 5.00 4.00																										MI-4 MI-4 MI-1		
		1 1 1	21 21 21	15 15 15	2.19 2.19 2.19																									BLACK ON WHITE BLACK ON WHITE WHITE ON BLUE	M5-1 M6-1 M6-1		
M 245+02 RT	BRIDGE 47 US-302	1	6	10	0.42						1	X			X															VD-701			T-42
M 245+53 LT	BRIDGE 47 US-302	1	6	10	0.42						1	X			X															VD-701			T-42

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

	FT	FT	FT		EA	LB	LB	LB		LB	LB	LB	LB
	20	15								256.5			

SHEET TOTALS	SF	SF	EA.	SF		FT	LB	EA.	LB	EA.	EA.	LB
	107.65					35		2	256.5			

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 26

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 228 OF 239

CLD 14-0278

STATE OF VERMONT
AGENCY OF TRANSPORTATION

TRAFFIC SIGN SUMMARY SHEET #27

SHSM = FHWA 2004 STANDARD HIGHWAY SIGNS AND MARKINGS BOOK AND THE 2012 SUPPLEMENT TO THE 2004 EDITION

MILEMARKER, STATION, OR SIGN NUMBER	SIGN LEGEND	SIGN DIMENSIONS			NEW & SALVAGED SIGNS				EXIST POST		NEW SIGN POSTS																	REMARKS	SIGN DETAIL		
		EA	WIDTH (in)	HEIGHT (in)	"A"	"B"	SALV SIGN	SALV TIS	RETAIN	SALVAGE	NO. OF POSTS	SQUARE STEEL (in)			ANCHOR	SLEEVE	TUBULAR ALUMINUM Ø (in)			FOUNDATION	TUBULAR STEEL Ø (in)					W-SHAPE STEEL FTG. SIZE		WEIGHT	POST SIZE	SIGNS REQUIRED		SHSM	DETAIL ON SHEET NUMBER	STD. SHEET NUMBER
												1.75	2.0	2.5			3.0	4.0	4.0 MOD		3.0	3.5	4.0	5.0	24"	30"						
												lb/ft					lb/ft				lb/ft											
												1.88	2.42	3.35			1.3	1.7	1.7		7.6	9.0	10.8	14.6								
M 248+60 LT	Barre 31	1	72	12	6.00				2																			VDI-1A MOUNT BELOW RETAINED DESTINATION SIGNS			T-93
M 255+23 LT							1				1		X		X																		
	NEXT 1000 FT	1	30	24	5.00				1																			MOUNT BELOW RETAINED PEDESTRIAN SIGN ASTM TYPE IX FLUORESCENT YELLOW-GREEN SHEETING	W16-4		
M 258+56 LT	STOP 0302 0907 0490	1 1	30 6	30 10	6.25 0.42						1		X		X													VD-700 BACK TO BACK	R1-1		T-44
M 259+04 LT	Schaeffer Hill	1	60	12	5.00						2		X		X													D3-1		234	
M 259+05 LT	LEGAL LOAD LIMIT 24,000 POUNDS	1	24	30	5.00						1		X		X													VR-017			E-141
	SUBTOTAL SHEET 203 SUBTOTAL SHEET 204 SUBTOTAL SHEET 205 SUBTOTAL SHEET 206				60.60 48.59 40.76 39.18		4 10 6 1				640 20 20	135 150 225 75	 30 																					
	SUBTOTAL SHEET 207 SUBTOTAL SHEET 208 SUBTOTAL SHEET 209 SUBTOTAL SHEET 210				41.85 67.18 88.84 95.17		2 5				60 20 	210 180 270 270	 30																					
	SUBTOTAL SHEET 211 SUBTOTAL SHEET 212 SUBTOTAL SHEET 213 SUBTOTAL SHEET 214				66.93 65.18 80.18 68.76		1 				 20 20 20	165 180 255 195	 																					
	SUBTOTAL SHEET 215 SUBTOTAL SHEET 216 SUBTOTAL SHEET 217 SUBTOTAL SHEET 218				44.27 85.59 69.53 88.95		 1 2				60 	120 255 180 45	 30									2	203.7											
	SUBTOTAL SHEET 219 SUBTOTAL SHEET 220 SUBTOTAL SHEET 221 SUBTOTAL SHEET 222				70.05 50.75 68.67 44.12		 2 6				 10 20	105 120 180 135	30 30																					
	SUBTOTAL SHEET 223 SUBTOTAL SHEET 224 SUBTOTAL SHEET 225 SUBTOTAL SHEET 226				54.01 55.60 77.51 17.50		 1 14				10 30 30 	210 150 225 225	 																					
	SUBTOTAL SHEET 227 SUBTOTAL SHEET 228 SUBTOTAL SHEET 229				31.25 107.65 27.67		9 1				 20 	135 15 75	 									2	256.5										
	ROUNDING				3.66																		4.8									
												FT	FT	FT		EA	LB	LB	LB			LB	LB	LB								
												1000	4485	150																		
	PROJECT TOTALS				SF 1660	SF	EA. 65	SF				FT 5635					LB				EA. 4	LB 465				EA.	EA.	LB				

FINAL POST LENGTHS ARE TO BE DETERMINED IN THE FIELD. POST SIZES ARE COMPUTED BASED ON INFORMATION FURNISHED ON THE STANDARD SHEETS AND VAOT "SIGN POST DESIGN GUIDELINE."

CLD 14-0278

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN SUMMARY SHEET 27

PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 229 OF 239

GENERAL NOTES

SIGN DESIGN AND FABRICATION NOTES

1. ALL SIGNS SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST REVISION OF THE MUTCD, THE 2004 STANDARD HIGHWAY SIGNS AND MARKINGS (SHSM), AND THE 2012 SUPPLEMENT TO THE 2004 EDITION (SHSM) DETAILS AS AVAILABLE, VAOT STANDARDS OR AS DETAILED IN THE PLANS.
2. ALL LETTERS AND NUMBERS USED FOR ALL SIGNS SHALL CONFORM TO THE APPLICABLE FONT AS DEFINED AND DETAILED IN THE 2004 SHSM AND THE 2012 SUPPLEMENT.
3. ALL ARROWS AND SYMBOLS SHALL CONFORM WITH THE 2004 SHSM AND THE 2012 SUPPLEMENT UNLESS OTHERWISE DETAILED IN THE PLANS.
4. COLORS USED ON ALL SIGNS SHALL CONFORM WITH THE REQUIREMENTS OF SECTION 1A.12 OF THE 2009 MUTCD AND LATEST REVISIONS.
5. SIGN SHEETING FOR FLUORESCENT YELLOW AND FLUORESCENT YELLOW GREEN SHALL BE AASHTO M268 (ASTM D4956) TYPE VII, VIII OR IX. ALL OTHER SIGN SHEETING SHALL BE TYPE III OR IV.
6. SHEETING TYPES AND MANUFACTURERS SHALL NOT BE MIXED ON A SINGLE SIGN ASSEMBLY. SHEETING COLOR/TYPE SHOULD BE BY THE SAME MANUFACTURER AND BE CONSISTENT THROUGHOUT THE PROJECT UNLESS OTHERWISE DETAILED ON THE PLANS.
7. SIGN BASE MATERIAL FOR DELINEATORS AND MILE MARKER PLAQUES (VD-700) SHALL BE 0.063" THICK FLAT SHEET ALUMINUM. ALL TOWN HIGHWAY SIGNS (D3-1) SHALL BE 0.125" THICK FLAT SHEET ALUMINUM OR EXTRUDED ALUMINUM WITH 0.25 INCH FLANGE AND 0.090 INCH WEB. UNLESS OTHERWISE NOTED ON THE PLANS, ALL OTHER SIGNS SHALL BE FLAT SHEET ALUMINUM WITH THE FOLLOWING MINIMUM THICKNESSES:

SIGN SIZE	12" X 12"		
	18" X 18"		
	21" X 15"		
	24" X 8"		
	24" X 10"		48" X 18"
	24" X 12"	36" X 12"	48" X 24"
	24" X 18"	36" X 15"	48" X 30"
	24" X 24"	36" X 18"	48" X 42"
	24" X 30"	36" X 24"	48" X 48"
	30" X 15"	36" X 36"	48" X 60"
	30" X 18"	36" X 42"	72" X 10"
	30" X 30"	36" X 48"	72" X 12"
	30" X 42"	36" X 54"	72" X 20"
THICKNESS	0.080"	0.100"	0.125"

SIGN POST NOTES

1. ALL SIGN POSTS SHALL BE INSTALLED IN A NEW ANCHOR. ALL SIGNS INSTALLED IN PAVED OR CONCRETE ISLANDS OR SIDEWALKS SHALL ALSO BE INSTALLED WITH AN 18" SLEEVE. PAYMENT FOR SLEEVE WILL BE CONSIDERED INCIDENTAL TO THE SIGN POST.
2. 1.75" SQUARE STEEL POSTS SHALL BE 14 GAUGE STEEL. 2.0" AND 2.5" SQUARE STEEL POSTS SHALL BE 12 GAUGE STEEL.

SIGN INSTALLATION NOTES

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIRING ANY DAMAGE TO PRIVATE OR PUBLIC PROPERTY CAUSED BY THE CONTRACTOR, AT NO COST TO THE STATE.
2. ALL SIGNS WITHIN THE PROJECT LIMITS ARE TO BE RETAINED, REMOVED OR REPLACED AS NOTED OR AS DIRECTED BY THE ENGINEER. SIGN LOCATIONS AS SHOWN ON THE PLANS ARE APPROXIMATE. EXACT LOCATIONS TO BE DETERMINED IN THE FIELD.
3. ALL SIGN PLACEMENT SHALL BE IN CONFORMANCE WITH VAOT STANDARD E-121 STANDARD SIGN PLACEMENT CONVENTIONAL ROADS, UNLESS OTHERWISE NOTED.
4. ALL SIGNS, FRAMES, MOUNTING HARDWARE, POSTS, AND ANCHORS FOR ANY SIGN ASSEMBLY SHALL BE REPLACED AT THE SAME TIME. MIXING OF OLD AND NEW SIGNS ON THE SAME ASSEMBLY WILL NOT BE ALLOWED EXCEPT AS NOTED ON THE PLANS.
5. NEW SIGNS WITH THEIR GREATER NIGHTTIME RETROREFLECTIVITY CAN OBSCURE OLDER SIGNS MOUNTED ADJACENT TO THEM. TO AVOID CONFUSION OF ROAD USERS, WORK SHALL BE COORDINATED SUCH THAT ALL SIGNS ASSOCIATED WITH A CURVE, INTERSECTION, OR SPEED CHANGE, SHALL BE REPLACED ON THE SAME DAY AND NOT LEFT INCOMPLETE NOR WITH A MIXTURE OF OLD AND NEW SIGNS WITHIN A GROUP OF ASSOCIATED SIGNS.

MILE MARKERS

STATION	MILE MARK	REMARKS
BRADFORD		
84+61 RT	0050/0901/0160	NEW W/RETAINED STOP/DNE SIGN
94+96 RT	0050/0901/0180	NEW W/RETAINED SPEED LIMIT SIGN
102+87 RT	0050/0901/0194	NEW W/RETAINED STOP SIGN
105+43 LT	0050/0901/0200	NEW
116+16 RT	0050/0901/0220	NEW
132+33 RT	0050/0901/0250	NEW W/SALVAGED STOP SIGN
137+19 LT	0050/0901/0260	NEW W/RETAINED SPEED LIMIT SIGN
140+55 RT	0050/0901/0266	NEW W/RETAINED STOP SIGN
152+73 LT	0050/0901/0290	NEW W/SALVAGED STOP SIGN
155+47 RT	0050/0901/0293	SALV W/RETAINED STOP SIGN
158+60 LT	0050/0901/0301	NEW W/RETAINED STOP SIGN
168+96 RT	0050/0901/0320	NEW
179+52 RT	0050/0901/0340	NEW
190+08 LT	0050/0901/0360	NEW
200+64 RT	0050/0901/0380	NEW
205+71 LT	0050/0901/0390	NEW W/ RETAINED STOP SIGN
221+76 RT	0050/0901/0420	NEW
232+32 LT	0050/0901/0440	NEW
242+88 RT	0050/0901/0460	NEW
253+44 RT	0050/0901/0480	NEW
264+00 LT	0050/0901/0500	NEW
274+56 RT	0050/0901/0520	NEW
276+57 LT	0050/0901/0524	NEW W/RETAINED STOP SIGN
285+12 RT	0050/0901/0540	NEW
295+30 LT	0050/0901/0560	NEW W/RETAINED STOP SIGN
303+84 LT	0050/0901/0576	NEW W/SALVAGED STOP SIGN
306+24 RT	0050/0901/0580	NEW
NEWBURY		
N 10+56 RT	0050/0907/0020	NEW
N 21+12 LT	0050/0907/0040	NEW
N 31+68 RT	0050/0907/0060	NEW
N 35+36 LT	0050/0907/0068	NEW W/NEW STOP SIGN
N 42+24 LT	0050/0907/0080	NEW
N 54+88 LT	0050/0907/0105	NEW W/NEW STOP SIGN
N 58+75 RT	0050/0907/0111	NEW W/NEW STOP SIGN
N 63+36 LT	0050/0907/0120	NEW
N 66+78 RT	0050/0907/0126	NEW W/NEW STOP SIGN
N 73+96 LT	0050/0907/0140	NEW W/RETAINED TIC SIGN
N 84+48 RT	0050/0907/0160	NEW
N 95+04 RT	0050/0907/0180	NEW
N 105+60 RT	0050/0907/0200	NEW
N 116+16 LT	0050/0907/0220	NEW
N 126+72 RT	0050/0907/0240	NEW
N 133+45 LT	0050/0907/0253	NEW W/NEW STOP SIGN
N 137+28 RT	0050/0907/0260	NEW
N 147+84 LT	0050/0907/0280	NEW
N 158+40 RT	0050/0907/0300	NEW
N 168+96 LT	0050/0907/0320	NEW
N 170+45 RT	0050/0907/0322	NEW W/SALVAGED STOP SIGN
N 179+52 RT	0050/0907/0340	NEW
N 190+08 RT	0050/0907/0360	NEW
N 193+68 LT	0050/0907/0367	NEW W/NEW STOP SIGN
N 197+13 LT	0050/0907/0372	NEW W/NEW STOP SIGN
N 198+16 LT	0050/0907/0375	NEW W/NEW STOP SIGN
N 200+60 RT	0050/0907/0380	NEW
N 202+38 LT	0050/0907/0384	NEW W/NEW STOP SIGN
N 210+21 LT	0050/0907/0399	NEW W/NEW STOP SIGN
N 211+20 RT	0050/0907/0400	NEW W/NEW SPEED LIMIT SIGN
N 221+76 LT	0050/0907/0420	NEW
N 225+44 RT	0050/0907/0426	NEW W/NEW STOP SIGN
N 233+55 LT	0050/0907/0443	NEW W/NEW STOP SIGN
N 242+88 LT	0050/0907/0460	NEW
N 253+44 LT	0050/0907/0480	NEW
N 264+00 RT	0050/0907/0500	NEW
N 274+46 LT	0050/0907/0520	NEW W/NEW SPEED LIMIT SIGN
N 285+12 RT	0050/0907/0540	NEW
N 295+68 LT	0050/0907/0560	NEW
N 306+24 RT	0050/0907/0580	NEW
N 316+80 LT	0050/0907/0600	NEW

MILE MARKERS

STATION	MILE MARK	REMARKS
NEWBURY		
N 327+36 RT	0050/0907/0620	NEW
N 337+92 LT	0050/0907/0640	NEW
N 348+48 RT	0050/0907/0660	NEW
N 359+04 LT	0050/0907/0680	NEW
N 369+60 RT	0050/0907/0700	NEW
N 380+16 LT	0050/0907/0720	NEW
N 390+72 RT	0050/0907/0740	NEW
N 401+28 LT	0050/0907/0760	NEW
N 403+21 RT	0050/0907/0763	NEW W/NEW STOP SIGN
N 411+84 RT	0050/0907/0780	NEW
N 417+08 LT	0050/0907/0790	NEW W/NEW STOP SIGN
N 422+40 LT	0050/0907/0800	NEW
N 432+96 LT	0050/0907/0820	NEW
N 443+52 RT	0050/0907/0840	NEW
N 454+08 LT	0050/0907/0860	NEW
N 464+64 RT	0050/0907/0880	NEW
N 475+47 RT	0050/0907/0900	NEW W/NEW STOP SIGN
N 481+12 LT	0050/0907/0912	NEW W/NEW STOP SIGN
N 485+76 LT	0050/0907/0920	NEW
N 493+92 LT	0050/0907/0936	NEW W/NEW STOP SIGN
N 502+93 RT	0050/0907/0952	NEW W/NEW STOP SIGN
N 504+31 LT	0050/0907/0955	NEW W/NEW STOP SIGN
N 506+88 RT	0050/0907/0960	NEW W/NEW SCHOOL BUS STOP SIGN
N 510+31 RT	0050/0907/0966	NEW W/NEW STOP SIGN
N 510+95 LT	0050/0907/0968	NEW W/NEW STOP SIGN
N 517+69 RT	0050/0907/0980	NEW W/NEW TOWN & COUNTY LINE SIGN
RYEGATE		
R 0+00 RT	0050/0310/0000	NEW W/NEW TOWN & COUNTY LINE SIGN
R 10+56 RT	0050/0310/0020	NEW
R 21+12 LT	0050/0310/0040	NEW
R 31+68 RT	0050/0310/0060	NEW
R 42+24 LT	0050/0310/0080	NEW
R 52+80 RT	0050/0310/0100	NEW
NEWBURY STATE HIGHWAY		
10+52 RT	9430/0907/0020	NEW
21+12 LT	9430/0907/0040	NEW
US ROUTE 302		
M 243+90 RT	0050/0907/0949	NEW W/NEW STOP SIGN
M 258+56 LT	0302/0907/0490	NEW W/NEW STOP SIGN

MILE MARKER NOTES

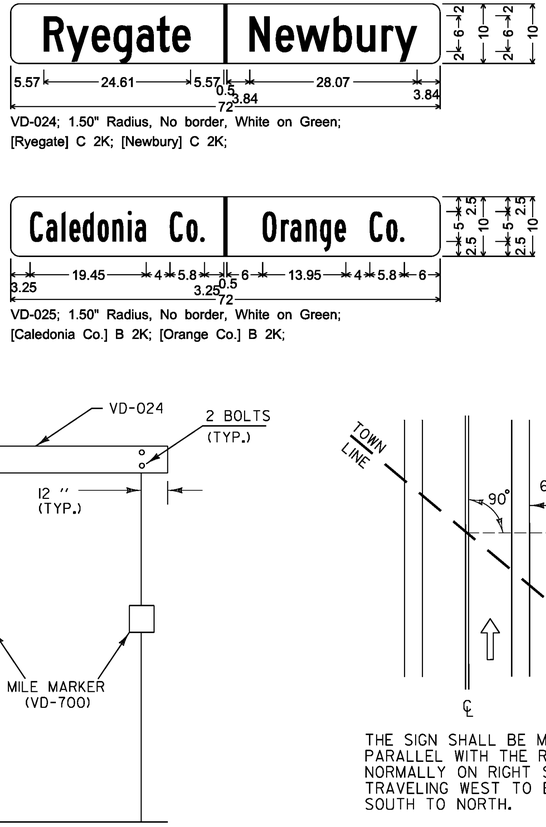
1. NEW MILE MARKERS SHOWN ABOVE AND NOT NOTED AS BEING WITH ANOTHER SIGN ARE QUANTIFIED ON TRAFFIC SIGN SUMMARY SHEET #1.
2. NEW AND SALVAGED MILE MARKERS SHOWN ABOVE AND NOTED AS BEING WITH A RETAINED SIGN ARE QUANTIFIED ON TRAFFIC SIGN SUMMARY SHEET #1.
3. NEW MILE MARKERS SHOWN ABOVE AND NOTED AS BEING WITH ANOTHER NEW OR SALVAGED SIGN ARE QUANTIFIED ON THE TRAFFIC SIGN SUMMARY SHEET WITH THE CORRESPONDING STATION.

PROJECT NAME: BRADFORD-RYEGATE
PROJECT NUMBER: STP 2929(I)

FILE NAME: z10c264tsdet.dgn
PROJECT LEADER: P. SHEDD
DESIGNED BY: N. LEMAY
TRAFFIC SIGN DETAIL SHEET I

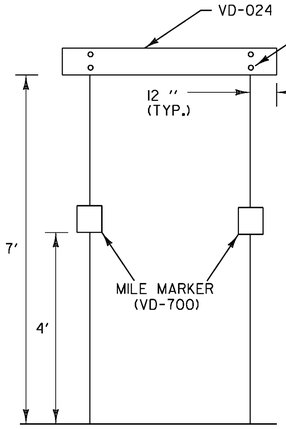
PLOT DATE: 2/4/2016
DRAWN BY: W. GORDON
CHECKED BY: P. SHEDD
SHEET 230 OF 239

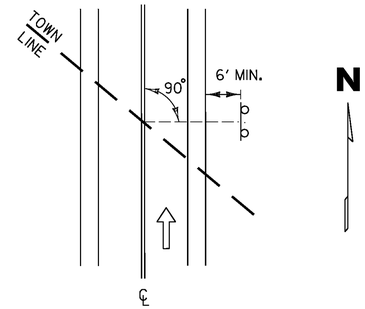
CLD 14-0278



VD-024; 1.50" Radius, No border, White on Green;
[Ryegate] C 2K; [Newbury] C 2K;

VD-025; 1.50" Radius, No border, White on Green;
[Caledonia Co.] B 2K; [Orange Co.] B 2K;





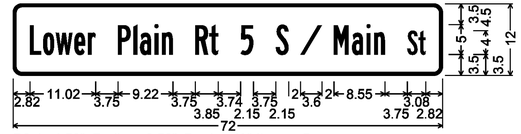
THE SIGN SHALL BE MOUNTED PARALLEL WITH THE ROADWAY, NORMALLY ON RIGHT SIDE TRAVELING WEST TO EAST OR SOUTH TO NORTH.

WHEN CROSSING COUNTY BOUNDARIES AN ADDITIONAL COUNTY LINE SIGN SHALL BE MOUNTED BELOW THE TOWN LINE SIGN MAINTAINING A SEVEN FOOT CLEARANCE.

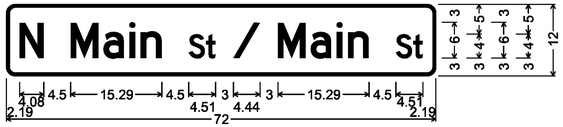
TOWN LINE SIGN NOTES

1. WORD TO WORD SPACING FOR MULTIPLE TEXT TOWN NAMES IS ADJUSTABLE TO ACCOMMODATE DIMENSION REQUIREMENTS.
2. DIMENSIONS SHOWN ARE APPROXIMATE AND MAY BE ADJUSTED SLIGHTLY TO ACCOMMODATE VARIOUS MANUFACTURER'S LETTER WIDTHS.
3. ALL DIMENSIONS ARE IN INCHES EXCEPT WHERE NOTED.
4. DIMENSIONS TO THE BOTTOM OF SIGN SHALL BE MEASURED FROM THE EDGE OF TRAVELED WAY.

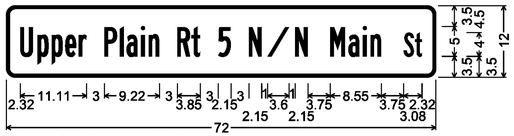
TOWN LINE SIGN DETAILS



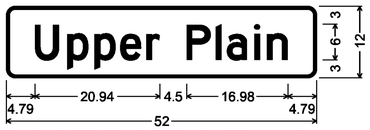
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Lower Plain Rt 5 S] B 2K 80% spacing;
[/] B 2K 80% spacing; [Main] B 2K 80% spacing;
[St] B 2K 80% spacing;



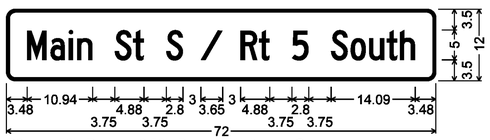
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[N Main] D 2K 80% spacing; [St] D 2K 80% spacing;
[/] D 2K 80% spacing; [Main] D 2K 80% spacing;
[St] D 2K 80% spacing;



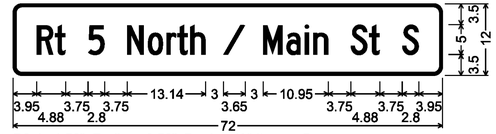
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Upper Plain Rt 5 N] B 2K 80% spacing;
[/] B 2K 80% spacing; [N Main] B 2K 80% spacing;
[St] B 2K 80% spacing;



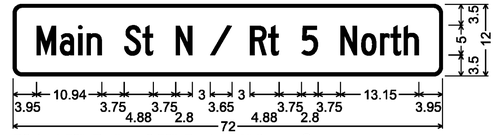
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Upper Plain] D 2K;



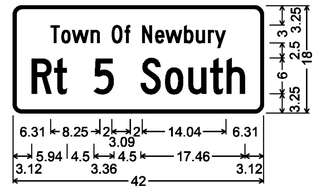
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Main St S] C 2K 80% spacing; [/] C 2K 80% spacing;
[Rt 5 South] C 2K 80% spacing;



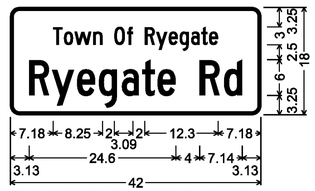
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Rt 5 North] C 2K 80% spacing; [/] C 2K 80% spacing;
[Main St S] C 2K 80% spacing;



D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Main St N] C 2K 80% spacing; [/] C 2K 80% spacing;
[Rt 5 North] C 2K 80% spacing;



D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Town Of Newbury] C 2K;
[Rt 5 South] C 2K;



D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Town Of Ryegate] C 2K;
[Ryegate Rd] C 2K;

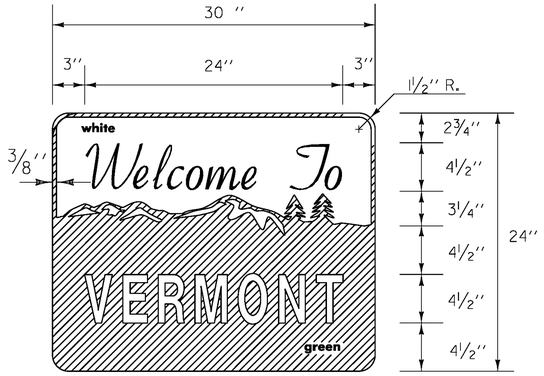
TOWN HIGHWAY SIGNS D3-1

TOWN HIGHWAY SIGNS SHALL BE SINGLE SIDED SIGNS AND SHALL BE INSTALLED WITH 12 INCH BRACKETS.

NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264tsdet.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: A	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
TRAFFIC SIGN DETAIL SHEET 2	SHEET 231 OF 239

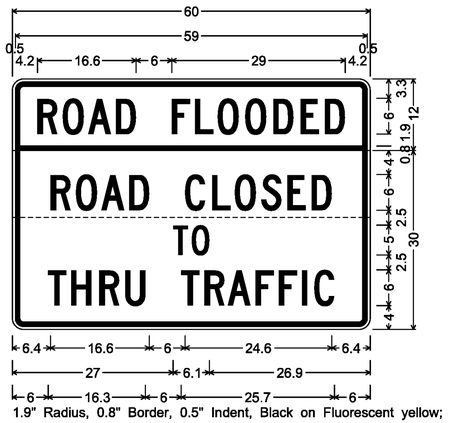
CLD 14-0278



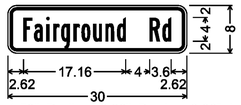
VD-421

NOTE:
FOR THE WORDS "WELCOME TO" USE GERBER FONT MURRAY HILL BOLD OR EQUIVALENT. TEXT COLOR IS GREEN. ALL OTHER TEXT USE GERBER FONT SOUVENIR DEMI BOLD OR EQUIVALENT. TEXT COLOR IS WHITE. REFER TO VAOT STD. E-131 FOR COLORS.

MATERIALS:
SEE VAOT STD. E-136B FOR MATERIALS

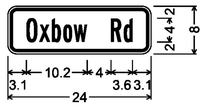


1.9" Radius, 0.8" Border, 0.5" Indent, Black on Fluorescent yellow;
[ROAD FLOODED] C 2K;
1.9" Radius, 0.8" Border, 0.5" Indent, Black on White;
[ROAD CLOSED] C 2K; [TO] C 2K;
[THRU TRAFFIC] C 2K;
FOLDING/HINGED



1.50" Radius, 0.38" Border, 0.38" Indent, Black on Yellow;
[Fairground Rd] B 2K;

W16-8p



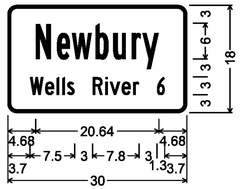
1.50" Radius, 0.38" Border,
0.38" Indent, Black on Yellow;
[Oxbow Rd] B 2K;

W16-8p



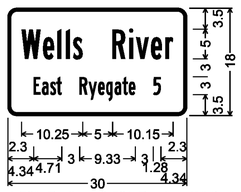
1.50" Radius, 0.38" Border, 0.38" Indent, Black on Yellow;
[Doe Hill Rd] B 2K;

W16-8p



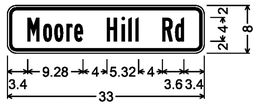
1.50" Radius, 0.50" Border, White on Green;
[Newbury] B 2K;
[Wells River] C 2K;
[6] B 2K;

VD-018



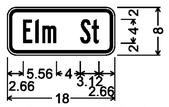
1.50" Radius, 0.50" Border, White on Green;
[Wells River] B 2K;
[East Ryegate] B 2K;
[5] B 2K;

VD-018



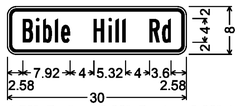
1.50" Radius, 0.38" Border, 0.38" Indent, Black on Yellow;
[Moore Hill Rd] B 2K;

W16-8p



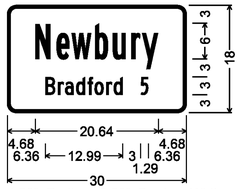
1.50" Radius, 0.38" Border, 0.38" Indent, Black on Yellow;
[Elm St] B 2K;

W16-8p



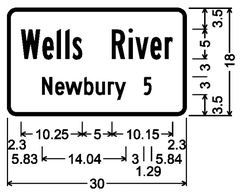
1.50" Radius, 0.38" Border, 0.38" Indent, Black on Yellow;
[Bible Hill Rd] B 2K;

W16-8p



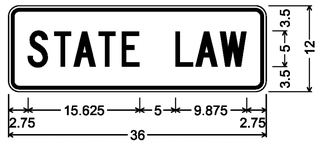
1.50" Radius, 0.50" Border, White on Green;
[Newbury] B 2K;
[Bradford] C 2K;
[5] B 2K;

VD-018



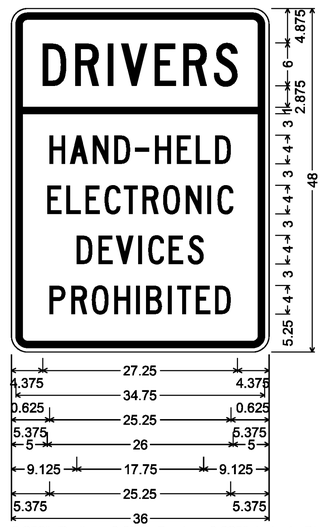
1.50" Radius, 0.50" Border, White on Green;
[Wells River] B 2K;
[Newbury] C 2K;
[5] B 2K;

VD-018



1.500" Radius, 0.375" Border, 0.375" Indent,
Black on Fluorescent yellow;
[STATE LAW] C;

VW-362P



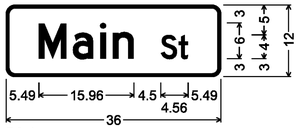
2.250" Radius, 0.875" Border, 0.625" Indent, Black on White;
[DRIVERS] C; [HAND-HELD] C;
[ELECTRONIC] C; [DEVICES] C;
[PROHIBITED] C;

VR-430

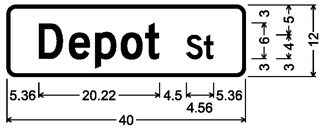
NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264tsdet.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
TRAFFIC SIGN DETAIL SHEET 3	SHEET 232 OF 239

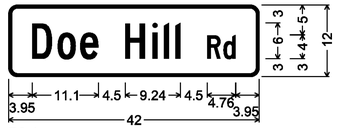
CLD 14-0278



D3-1;
1.50" Radius, 0.50" Border, White on Green;
[Main] D 2K; [St] D 2K;



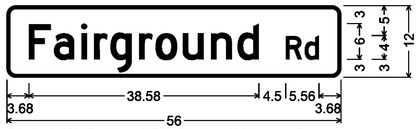
D3-1;
1.50" Radius, 0.50" Border, White on Green;
[Depot] D 2K; [St] D 2K;



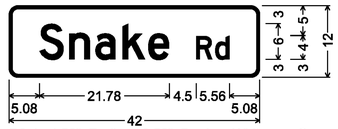
D3-1;
1.50" Radius, 0.50" Border, White on Green;
[Doe Hill] C 2K; [Rd] C 2K;



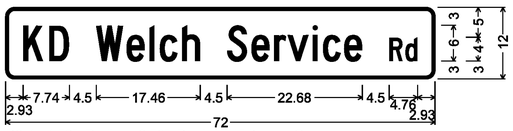
D3-1;
1.50" Radius, 0.50" Border, White on Green;
[Bank] D 2K; [St] D 2K;



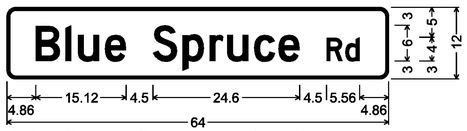
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Fairground] D 2K; [Rd] D 2K;



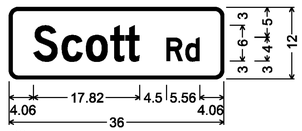
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Snake] D 2K; [Rd] D 2K;



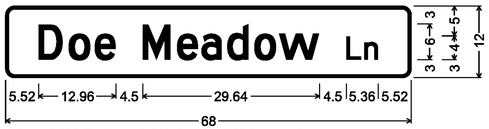
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[KD Welch Service] C 2K; [Rd] C 2K;



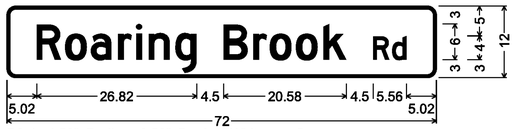
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Blue Spruce] D 2K; [Rd] D 2K;



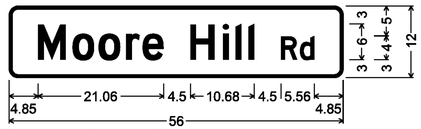
D3-1;
1.50" Radius, 0.50" Border, White on Green;
[Scott] D 2K; [Rd] D 2K;



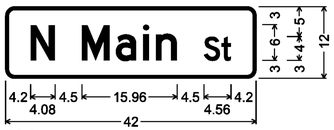
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Doe Meadow] D 2K; [Ln] D 2K;



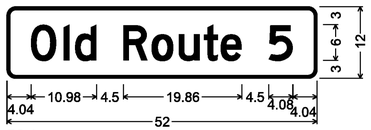
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Roaring Brook] D 2K; [Rd] D 2K;



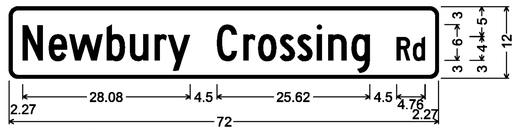
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Moore Hill] D 2K; [Rd] D 2K;



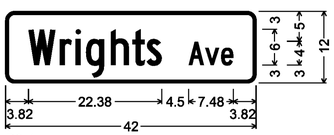
D3-1;
1.50" Radius, 0.50" Border, White on Green;
[N Main] D 2K; [St] D 2K;



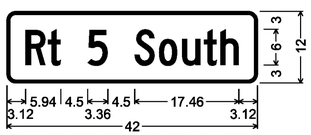
D3-1;
1.50" Radius, 0.50" Border, White on Green;
[Old Route 5] D 2K;



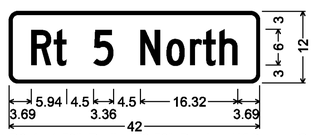
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Newbury Crossing] C 2K; [Rd] C 2K;



D3-1;
1.50" Radius, 0.50" Border, White on Green;
[Wrights] C 2K; [Ave] C 2K;



D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Rt 5 South] C 2K;



D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Rt 5 North] C 2K;

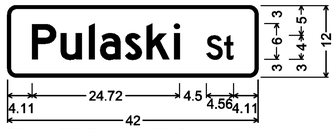
TOWN HIGHWAY SIGNS D3-1

TOWN HIGHWAY SIGNS SHALL BE DOUBLE SIDED SIGNS AND SHALL BE INSTALLED WITH 12 INCH BRACKETS.

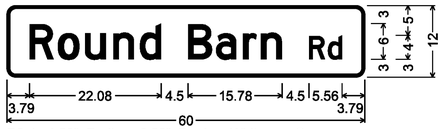
NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264tsdet.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
TRAFFIC SIGN DETAIL SHEET 4	SHEET 233 OF 239

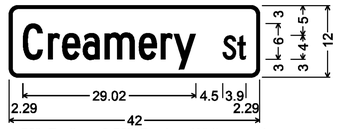
CLD 14-0278



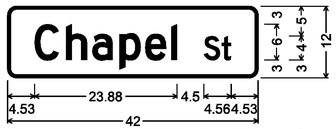
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Pulaski] D 2K; [St] D 2K;



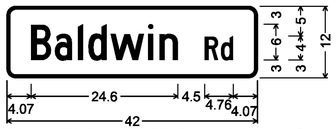
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Round Barn] D 2K; [Rd] D 2K;



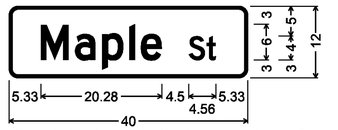
1.50" Radius, 0.50" Border, White on Green;
[Creamery] C 2K 80% spacing;
[St] C 2K 80% spacing;



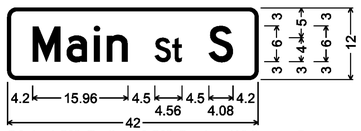
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Chapel] D 2K; [St] D 2K;



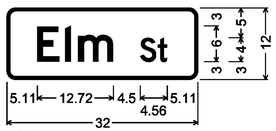
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[Baldwin] C 2K; [Rd] C 2K;



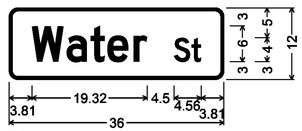
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[Maple] D 2K; [St] D 2K;



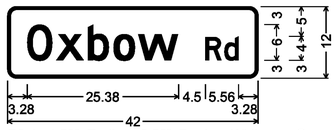
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Main] D 2K; [St] D 2K; [S] D 2K;



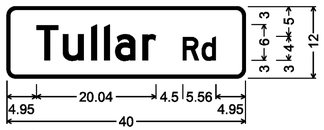
D3-1;
1.50" Radius, 0.50" Border, White on Green;
[Elm] D 2K; [St] D 2K;



D3-1;
1.50" Radius, 0.50" Border, White on Green;
[Water] D 2K; [St] D 2K;



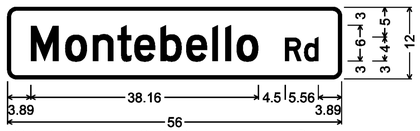
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Oxbow] D 2K; [Rd] D 2K;



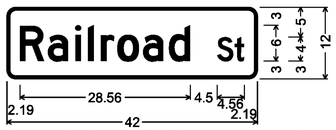
D3-1;
1.50" Radius, 0.50" Border, White on Green;
[Tullar] D 2K; [Rd] D 2K;



D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Schaeffer Hill] D 2K;



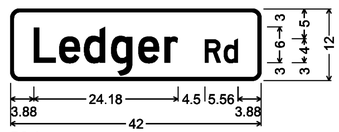
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Montebello] D 2K; [Rd] D 2K;



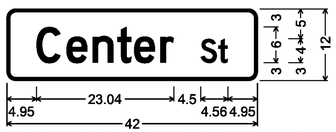
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Railroad] D 2K; [St] D 2K;



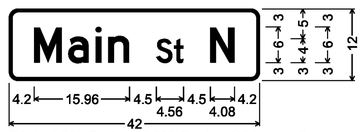
D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Bible Hill] D 2K; [Rd] D 2K;



D3-1;
1.50" Radius, 0.50" Border, White on Green;
[Ledger] D 2K; [Rd] D 2K;



D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Center] D 2K; [St] D 2K;



D3-1; 1.50" Radius, 0.50" Border, White on Green;
[Main] D 2K; [St] D 2K; [N] D 2K;

TOWN HIGHWAY SIGNS D3-1

TOWN HIGHWAY SIGNS SHALL BE DOUBLE SIDED SIGNS
AND SHALL BE INSTALLED WITH 12 INCH BRACKETS.

NOT TO SCALE

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264tsdet.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
TRAFFIC SIGN DETAIL SHEET 5	SHEET 234 OF 239

CLD 14-0278

TEMPORARY TRAFFIC CONTROL NOTES

1. THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) SHALL BE THE STANDARD FOR ALL TRAFFIC CONTROL DEVICES. EXISTING SIGNS AND MARKINGS SHALL BE VALID UNTIL SUCH TIME AS THEY ARE REPLACED OR RECONSTRUCTED. WHEN NEW TRAFFIC DEVICES ARE ERECTED OR PLACED, OR EXISTING TRAFFIC CONTROL DEVICES ARE REPLACED OR REPAIRED, THE EQUIPMENT, DESIGN, METHOD OF INSTALLATION, PLACEMENT OR REPAIR SHALL CONFORM WITH SUCH STANDARDS.

2. THE CONTRACTOR IS REQUIRED TO OBTAIN PERMITTING FROM
   MR. WILLIAM LAMBERT
   STATE OF NEW HAMPSHIRE
   DEPARTMENT OF TRANSPORTATION
   ADMINISTRATOR BUREAU OF TRAFFIC
   TEL. (603) 271-2291
   FOR THE PLACEMENT OF MUTCD COMPLIANT CONSTRUCTION WARNING SIGN PACKAGE AND FOR THE PLACEMENT OF PORTABLE CHANGEABLE MESSAGE SIGNS WITHIN THE STATE OF NEW HAMPSHIRE.

3. DIG SAFE SHALL BE NOTIFIED PRIOR TO THE INSTALLATION OF ANY SIGNS IN NEW HAMPSHIRE AT TEL. (888) 344-7233.

4. CONSTRUCTION ZONE SIGN LAYOUT SHALL BE IN ACCORDANCE WITH SECTION 6 OF THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD) AND LATEST REVISIONS.

5. THE CONTRACTOR SHALL SUBMIT A SITE SPECIFIC TRAFFIC CONTROL PLAN FOR APPROVAL BY THE PROJECT MANAGER PRIOR TO THE START OF CONSTRUCTION. THE COST OF PREPARING THIS PLAN (AND MAKING CHANGES IF NECESSARY) WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 641.10, TRAFFIC CONTROL. THE TRAFFIC CONTROL PLAN SHALL BE IN COMPLIANCE WITH VTRANS STANDARDS AND THE LATEST EDITION OF THE MUTCD. WHERE CONFLICTS EXIST, THE MUTCD SHALL GOVERN.

6. THE BID PRICE FOR ITEM 641.10, TRAFFIC CONTROL (US ROUTE 5), ITEM 641.10, TRAFFIC CONTROL (US ROUTE 302) AND ITEM 641.10, TRAFFIC CONTROL (NEWBURY STATE HIGHWAY), SHALL INCLUDE ALL OF THE FOLLOWING, AS NEEDED: APPROACH, ON AND OFF PROJECT CONSTRUCTION SIGNING, PORTABLE FLASHING ARROW BOARDS, BARRIERS, BARRELS, CONES, BARRICADES, TEMPORARY REGULATORY AND WARNING SIGNS, AND POSTS AS DETAILED IN VAOT STANDARDS. ALL ADJUSTING, RELOCATING AND REMOVING OF THESE DEVICES AS DIRECTED BY THE ENGINEER SHALL ALSO BE INCLUDED.

7. PORTABLE CHANGEABLE MESSAGE SIGNS (PCMS) WILL BE PROVIDED FOR USE ALONG THIS PROJECT AND ARE TO BE USED AS DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL POSITION PORTABLE CHANGEABLE MESSAGE SIGNS WARNING MOTORISTS OF THE EXPECTED ROADWAY CONDITIONS AHEAD. THE MESSAGE TO BE DISPLAYED SHALL BE SUBMITTED TO THE ENGINEER IN ADVANCE FOR APPROVAL. MESSAGES SHOULD BE UPDATED PERIODICALLY TO DESCRIBE THE WORK ACTIVITY OCCURRING SO THAT THE PCMS CONTINUES TO COMMAND THE ATTENTION OF MOTORISTS. THE COST OF PROVIDING THESE MESSAGE SIGNS SHALL BE PAID UNDER ITEM 641.15, PORTABLE CHANGEABLE MESSAGE SIGN.

8. CONSTRUCTION SIGNS SHALL BE IN NEW OR LIKE NEW CONDITION PER VAOT STANDARDS.

9. DIAMOND SHAPED SIGNS SHALL BE 48" X 48" WITH BLACK TEXT AND BORDER ON A RETROREFLECTIVE FLUORESCENT ORANGE BACKGROUND.

10. RETROREFLECTIVE SHEETING SHALL BE MINIMUM AASHTO M268 (ASTM D4956) TYPE III OR VII AS NOTED ON VAOT STANDARD T-1 AND IN THE SPECIAL PROVISIONS.

11. NO CONSTRUCTION SIGNS SHALL BE INSTALLED AS TO INTERFERE OR OBSTRUCT THE VIEW OF EXISTING TRAFFIC CONTROL DEVICES, STOPPING SIGHT DISTANCE, AND CORNER SIGHT DISTANCE FROM DRIVES AND TOWN HIGHWAYS.

12. ALL PERMANENT SIGNS THAT CONFLICT WITH TEMPORARY TRAFFIC CONTROL SHALL BE COMPLETELY COVERED, THE PAYMENT FOR WHICH WILL BE INCLUDED IN THE UNIT PRICE BID FOR ITEM 641.10 TRAFFIC CONTROL.

13. ALL TEMPORARY CONSTRUCTION SIGNS SHALL BE MOUNTED ON STANDS OR POSTS THAT COMPLY WITH NATIONAL COOPERATIVE HIGHWAY RESEARCH PROGRAM REPORT 350 (NCHRP 350).

14. WHERE TEMPORARY SIGNS ARE PLACED BEHIND GUARDRAIL, THEY SHALL BE ADJUSTED SUCH THAT THE BOTTOM OF THE SIGNS ARE ABOVE THE TOP OF GUARDRAIL.

15. SEE VAOT STANDARDS T-1, T-10 AND T-17 FOR ADDITIONAL SIGN PLACEMENT DETAILS.

16. A MINIMUM LANE WIDTH OF 10 FEET SHALL BE MAINTAINED AT ALL TIMES, INCLUDING SHOULDERS.

17. THE CONTRACTOR SHALL PROVIDE ACCESS THROUGH THE WORK ZONE FOR EMERGENCY VEHICLES AT ALL TIMES. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL COMMERCIAL AND MUNICIPAL PROPERTIES DURING BUSINESS HOURS. COORDINATE MAJOR WORK ON COMMERCIAL OR MUNICIPAL ACCESSES WITH THE OWNER AT LEAST ONE WEEK PRIOR TO STARTING THE WORK. ALL COMMERCIAL AND MUNICIPAL ACCESSES SHALL BE KEPT FREE OF WORK AND TRAFFIC CONTROLLED BY UNIFORMED TRAFFIC OFFICERS OR FLAGGERS AS REQUIRED BY THE ENGINEER. ACCESS TO ALL PROPERTIES MAY BE RESTRICTED FOR A SHORT DURATION (A FEW HOURS). THIS WORK WILL BE COORDINATED WITH THE OWNER.

18. WHEN COLD PLANED BITUMINOUS PAVEMENT IS OPEN TO TRAFFIC, A "MOTORCYCLES USE CAUTION" SIGN, AS PER VAOT STANDARD T-17, SHALL BE PROVIDED.

19. AS THE PAVING OPERATION MOVES, FLAGGER SIGNS SHALL BE MOVED ACCORDINGLY. AT NO TIME SHOULD THE FLAGGER SYMBOL SIGN BE MORE THAN 1000 FEET FROM THE FLAGGER STATION. FLAGGER SIGNS SHALL BE COVERED OR TURNED AWAY FROM TRAFFIC WHEN FLAGGING OPERATIONS CEASE FOR LONGER THAN 15 MINUTES.

20. CONES SHALL BE USED TO CLEARLY DEFINE THE TRAVEL SPACE AND PROVIDE SEPARATION FROM THE WORK SPACE ALONG ITS ENTIRE LENGTH.

21. THE CONTRACTOR SHALL LEAVE NO LONGITUDINAL DROP-OFFS DURING THE OVERNIGHT HOURS. THEREFORE, THE FULL ROADWAY WIDTH SHALL BE COLD PLANED OR PAVED DURING THE DAILY WORK PERIOD. WHEN NECESSARY, DROP-OFF PROTECTION IN THESE AREAS SHALL CONFORM TO VAOT STANDARD T-36.

REGIONAL DETOUR TRAFFIC CONTROL NOTES

1. TRAFFIC WILL BE MAINTAINED ON A REGIONAL DETOUR VIA ROUTES US 5, US 302, NH 10, NH 25 AND VT 25 BETWEEN BRADFORD, NEWBURY, WOODSVILLE NH, AND PIERMONT, NH. IT IS ANTICIPATED THAT THE RAILROAD CROSSING WORK WHICH REQUIRES THE ROAD CLOSURE AND REGIONAL DETOUR WILL BE PERFORMED AND COMPLETED OVER THE COURSE OF ONE WEEKEND DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE SCHEDULE OF THIS WORK WITH THE LOCAL SCHOOL DISTRICTS TO ENSURE THERE ARE NO CONFLICTS WITH OR INTERRUPTIONS TO SCHOOL BUS SERVICE IN THE PROJECT AREA. THIS WORK SHALL BE PAID FOR UNDER ITEM 900.645, SPECIAL PROVISION (TRAFFIC CONTROL, RAIL-HIGHWAY CROSSING) (AARDOT 053-598A).

2. TWO PORTABLE CHANGEABLE MESSAGE SIGNS "PCMS" SHALL BE PLACED AT THE PROJECT LOCATION 14 DAYS PRIOR TO THE START OF CONSTRUCTION TO WARN OF THE IMPENDING DETOUR. THESE PCMS SHALL THEN BE REMOVED AND DEPLOYED TO LOCATIONS APPROVED BY THE ENGINEER ONCE CONSTRUCTION HAS BEGUN. PAYMENT FOR THESE SIGNS WILL BE INCLUDED IN ITEM 641.15 PORTABLE CHANGEABLE MESSAGE SIGN.

3. EXISTING SIGNS THAT ARE IN CONFLICT WITH THE TRAFFIC FLOW OF THE DETOUR SHALL BE REMOVED OR COVERED BY THE CONTRACTOR. ALL SIGNS REMOVED OR COVERED SHALL BE REPLACED OR UNCOVERED WHEN THE TRAFFIC CONTROL PLAN IS DISASSEMBLED. PAYMENT FOR THIS WORK WILL BE INCIDENTAL TO ITEM 641.10 TRAFFIC CONTROL (NEWBURY STATE HIGHWAY).

4. ITEM 621.90 TEMPORARY TRAFFIC BARRIER SHALL BE USED FOR THE CLOSURE OF THE RAILROAD CROSSING. CONTRACTOR SHALL INSTALL BARRIER AS NECESSARY TO PREVENT THE TRAVELLING PUBLIC FROM ENTERING THE CONSTRUCTION SITE.

PEDESTRIAN TRAFFIC CONTROL NOTES

1. THE CONTRACTOR SHALL MAINTAIN PEDESTRIAN THROUGH MOVEMENTS FROM ONE END OF THE CONSTRUCTION AREA TO THE OTHER, ON AT LEAST ONE SIDE OF THE STREET DURING CONSTRUCTION. ANY SIDEWALK CLOSURES SHALL MEET THE REQUIREMENTS OF THE MUTCD, PART 6.

2. PEDESTRIAN ACCESS SHALL BE PROVIDED TO ALL ADJACENT PROPERTIES, BUILDINGS, RESIDENCES AND COMMERCIAL PROPERTIES AT ALL TIMES. THIS MAY INCLUDE TEMPORARY WALKWAYS SPANNING THE CONSTRUCTION AREA.

3. IF SIDEWALKS ARE CLOSED, A TEMPORARY PEDESTRIAN ACCESS ROUTE (TPAR) SHALL BE PROVIDED ON THE SAME SIDE OF THE ROAD AS THE CLOSED SIDEWALK, IF POSSIBLE. SIGNS AND BARRICADES SHALL BE USED TO PROVIDE ADVANCE NOTICE OF THE CLOSURE AND THE ROUTE OF ANY PEDESTRIAN DETOURS. THE TPAR SHALL HAVE A MINIMUM UNOBSTRUCTED WIDTH OF FOUR FEET. IF THE TPAR IS LESS THAN FIVE FEET IN WIDTH, A FIVE FOOT BY FIVE FOOT PASSING SPACE SHALL BE PROVIDED AT LEAST EVERY 200 FEET. THE SURFACE OF THE TPAR SHALL BE SMOOTH AND CONTINUOUS FOR THE LENGTH OF THE TPAR. THE TPAR SHALL MAINTAIN THE SAME LEVEL OF ACCESSIBILITY AND DETECTABILITY AS THE FACILITY THAT IS BEING CLOSED. THE TPAR SHALL NOT LEAD PEDESTRIANS INTO CONFLICTS WITH VEHICLES, EQUIPMENT, OR CONSTRUCTION OPERATIONS.

4. IF THE TPAR IS ADJACENT TO MOVING TRAFFIC, CONSTRUCTION OPERATIONS/EQUIPMENT, OR DROP-OFFS, THEN CRASH WORTHY CHANNELIZING DEVICES THAT MEET THE REQUIREMENTS OF THE MUTCD SHALL BE USED.

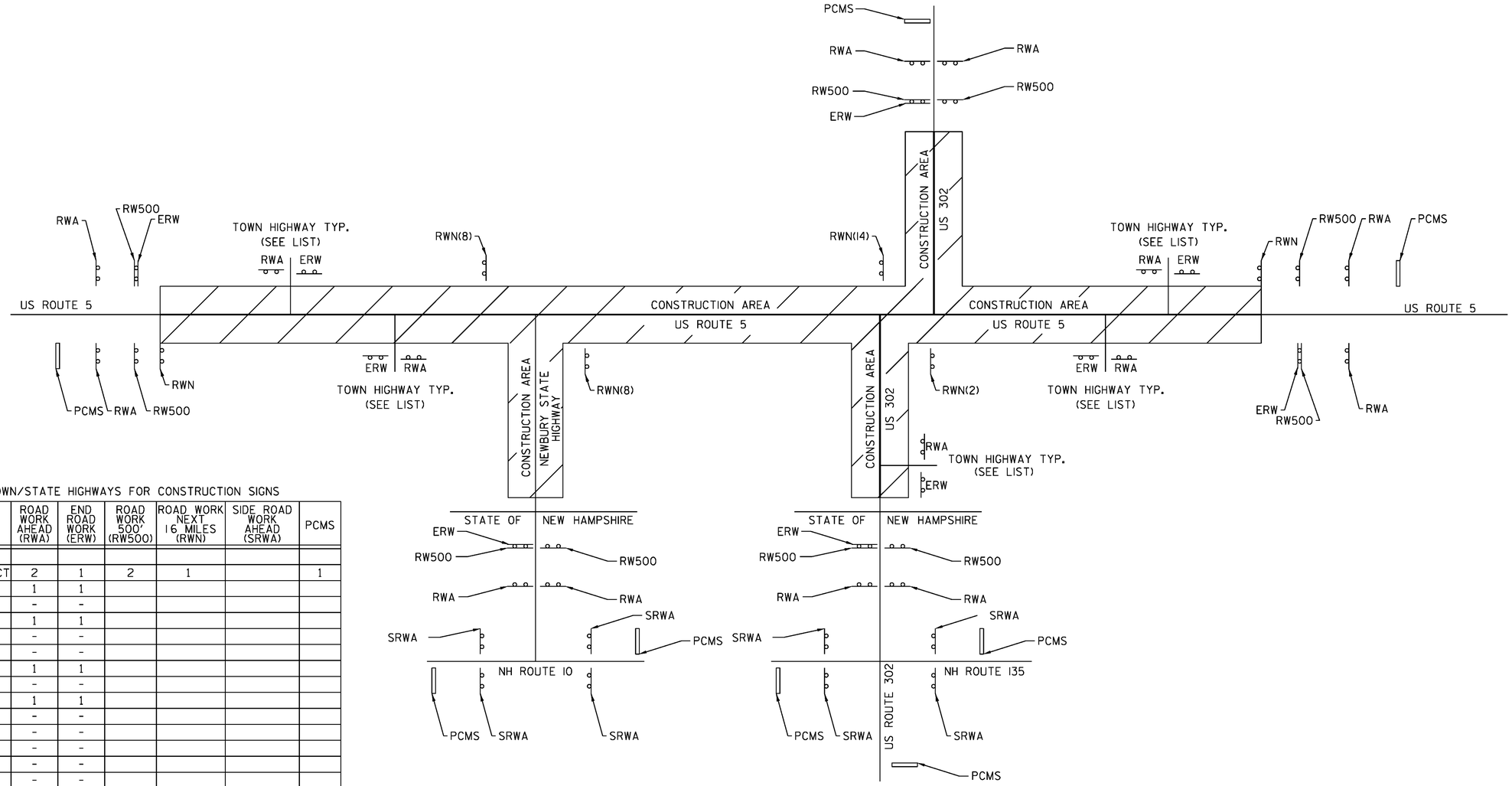
5. THE CONTRACTOR SHALL NOT STORE OR PLACE ANY CONSTRUCTION MATERIALS, EQUIPMENT OR SIGNS IN THE PEDESTRIAN PATH OR TRAVEL.

6. THE CONTRACTOR'S OPERATIONS SHALL NOT OCCUPY SIDEWALKS EXCEPT WHERE PROPER PROTECTION AND A TPAR HAVE BEEN PROVIDED.

7. THE CONTRACTOR SHALL SUBMIT A TEMPORARY PEDESTRIAN TRAFFIC CONTROL PLAN FOR REVIEW AND WRITTEN APPROVAL A MINIMUM OF THREE WEEKS BEFORE SUCH PLAN IS IMPLEMENTED OR AS DIRECTED BY THE ENGINEER. THIS PLAN SHALL DETAIL THE CONSTRUCTION PHASING AND SCHEDULE AND THE SPECIFIC METHODS OF MAINTAINING SAFE PEDESTRIAN ACCESS THROUGHOUT THE CONSTRUCTION AREA. THIS PLAN SHALL PROVIDE THE LOCATION AND DETAILS OF TEMPORARY CONSTRUCTION SIGNING, MARKINGS, BARRICADES, CHANNELIZING DEVICES, TPARS AND METHODS TO MAINTAIN ACCESS TO ADJACENT PROPERTIES, BUSINESSES, RESIDENCES, ETC. PAYMENT WILL BE INCLUDED IN THE UNIT PRICE BID FOR CONTRACT ITEM 641.10 TRAFFIC CONTROL (US ROUTE 5), ITEM 641.10 TRAFFIC CONTROL (US ROUTE 302) AND ITEM 641.10 TRAFFIC CONTROL (NEWBURY STATE HIGHWAY) AS APPLICABLE.

PROJECT NAME: BRADFORD-RYEGATE	
PROJECT NUMBER: STP 2929(I)	
FILE NAME: z10c264frm.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: W. GORDON
DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
TRAFFIC CONTROL NOTES	SHEET 235 OF 239

CLD 14-0278



LIST OF TOWN/STATE HIGHWAYS FOR CONSTRUCTION SIGNS

TOWN/STATE HIGHWAY NAME	ROAD WORK AHEAD (RWA)	END ROAD WORK (ERW)	ROAD WORK 500' (RW500)	ROAD WORK NEXT 16 MILES (RWN)	SIDE ROAD WORK AHEAD (SRWA)	PCMS
US ROUTE 5						
BEGINNING OF PROJECT	2	1	2	1		1
VT 25B	1	1				
TH 68 LOOP	-	-				
TH 63	1	1				
TH 74 LOOP	-	-				
TH 67 DEAD END	-	-				
TH 69	1	1				
TH 66 DEAD END	-	-				
TH 3	1	1				
TH 56 DEAD END	-	-				
TH 17 DEAD END	-	-				
TH 43 LOOP	-	-				
TH 18 LOOP	-	-				
TH 84 LOOP	-	-				
TH 1	1	1				
TH 74 LOOP	-	-				
TH 83 LOOP	-	-				
TH 55 DEAD END	-	-				
TH 53 LOOP	-	-				
TH 4	1	1				
TH 81	1	1				
TH 76 LOOP	-	-				
TH 54 DEAD END	-	-				
TH 52 LOOP	-	-				
TH 39 DEAD END	-	-				
TH 30 DEAD END	-	-				
TH 31 DEAD END	-	-				
TH 407 DEAD END	-	-				
TH 414 DEAD END	-	-				
TH 405 DEAD END	-	-				
TH 406 DEAD END	-	-				
TH 410 DEAD END	-	-				
TH 415 DEAD END	-	-				
TH 412 LOOP	-	-				

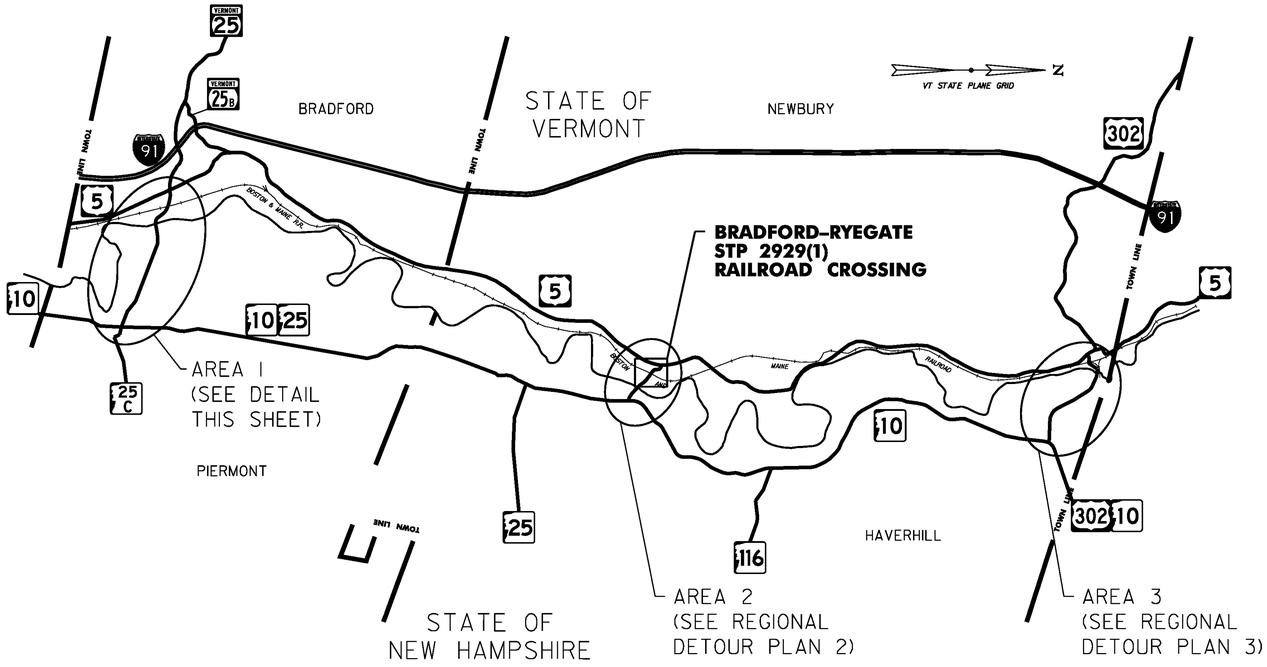
LIST OF TOWN/STATE HIGHWAYS FOR CONSTRUCTION SIGNS

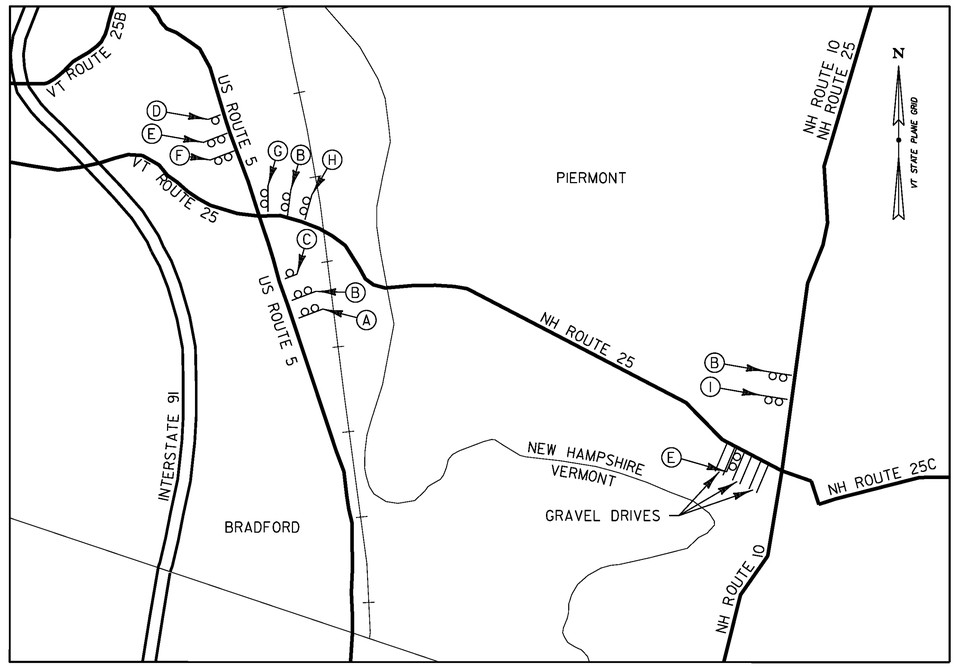
TOWN/STATE HIGHWAY NAME	ROAD WORK AHEAD (RWA)	END ROAD WORK (ERW)	ROAD WORK 500' (RW500)	ROAD WORK NEXT 2 MILES (RWN)	ROAD WORK NEXT 8 MILES (RWN)	ROAD WORK NEXT 14 MILES (RWN)	ROAD WORK NEXT 16 MILES (RWN)	SIDE ROAD WORK AHEAD (SRWA)	PCMS
TH 403	1	1							
END OF PROJECT	2	1	2				1		1
NEWBURY STATE HWY					2				
END NSH	2	1	2					4	2
US 302						1			
BEGIN US 302	2	1	2						1
US 302				1					
TH 412 LOOP	-	-							
END US 302	2	1	2					4	3
TOTAL	18	13	10	1	2	1	2	8	8

NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
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DESIGNED BY: N. LEMAY	CHECKED BY: P. SHEDD
TRAFFIC CONTROL PLAN	SHEET 236 OF 239

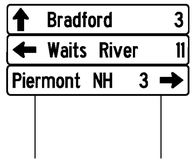
CLD 14-0278



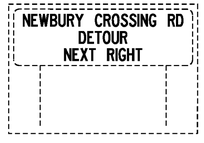


AREA 1
US ROUTE 5, VT/NH ROUTE 25, NH ROUTE 10 (BRADFORD, VT /PIERMONT, NH)

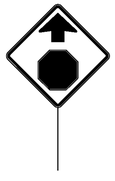
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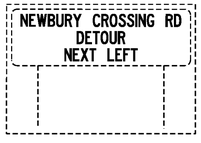
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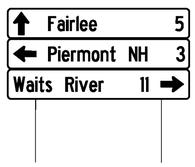
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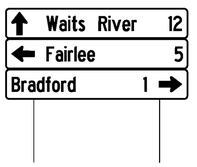
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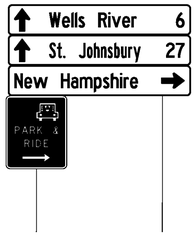
NOTE
DETOUR SIGNAGE SHOWN AS DASHED LINES.
EXISTING SIGNS SHOWN AS SOLID LINES.

NOT TO SCALE

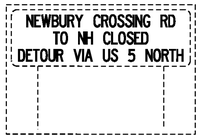
PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264regdtr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: S. GOODWIN
DESIGNED BY: S. GOODWIN	CHECKED BY: P. SHEDD
REGIONAL DETOUR PLAN 1	SHEET 237 OF 239

CLD 14-0278

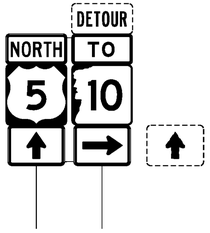
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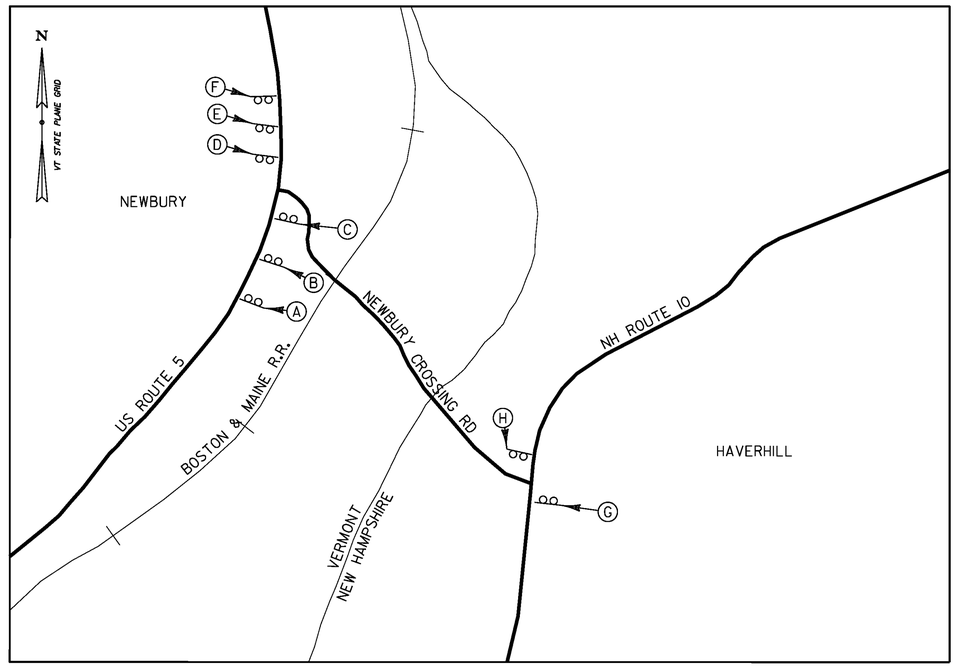


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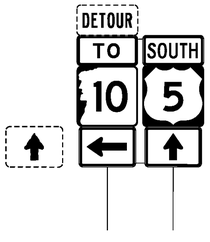




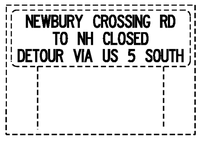
AREA 2

NEWBURY CROSSING RD, US ROUTE 5 & NH ROUTE 10 (NEWBURY, VT /HAVERHILL, NH)

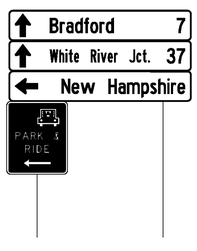
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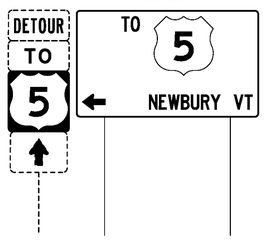
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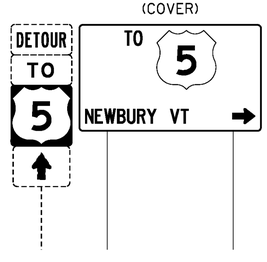
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Ⓖ (COVER)



Ⓗ (COVER)



NOTE
DETOUR SIGNAGE SHOWN AS DASHED LINES.
EXISTING SIGNS SHOWN AS SOLID LINES.

NOT TO SCALE

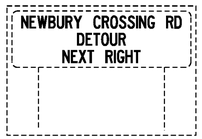
PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264regdtr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: S. GOODWIN
DESIGNED BY: S. GOODWIN	CHECKED BY: P. SHEDD
REGIONAL DETOUR PLAN 2	SHEET 238 OF 239

CLD 14-0278

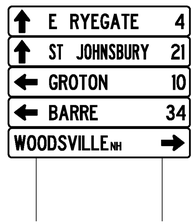
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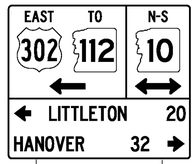
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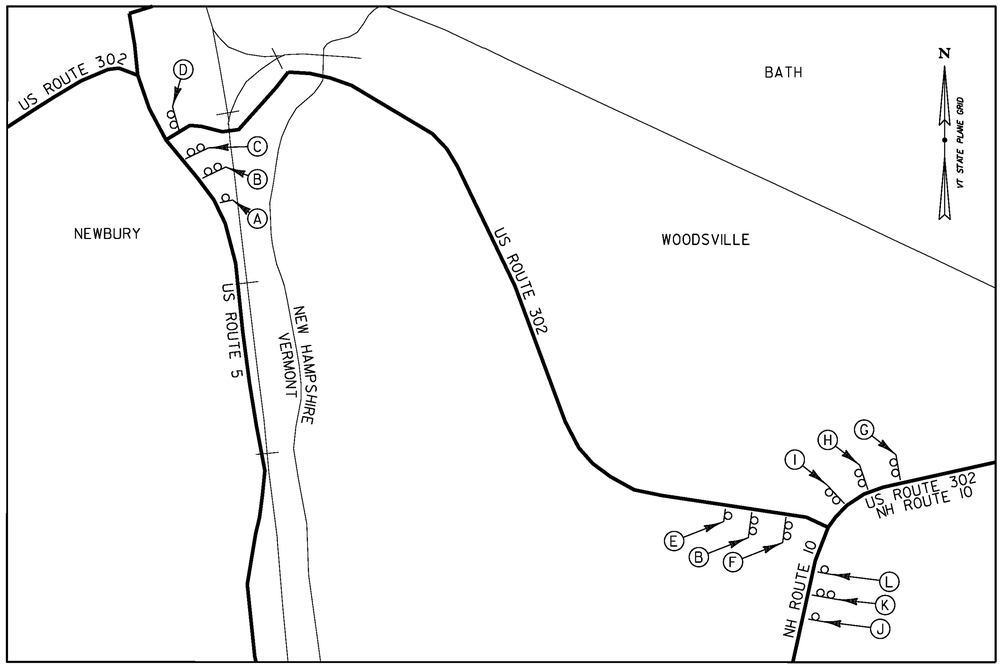


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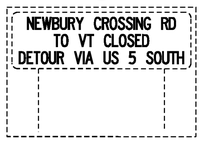
AREA 3

US ROUTE 5, US ROUTE 302 & NH ROUTE 10 (NEWBURY, VT /HAVERHILL, NH)

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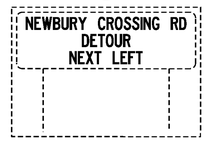
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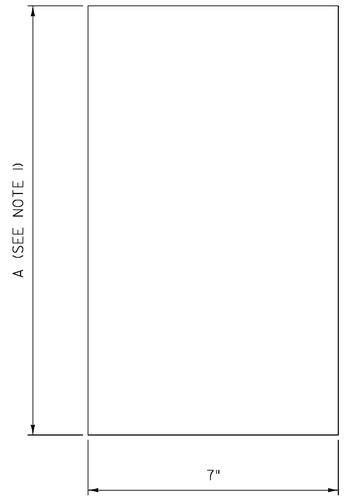


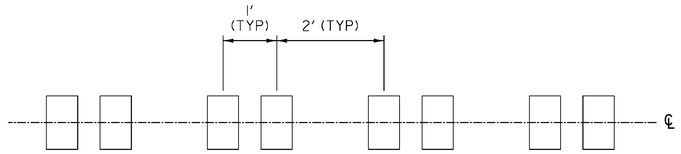
NOTE
DETOUR SIGNAGE SHOWN AS DASHED LINES.
EXISTING SIGNS SHOWN AS SOLID LINES.

NOT TO SCALE

PROJECT NAME:	BRADFORD-RYEGATE
PROJECT NUMBER:	STP 2929(I)
FILE NAME: z10c264regdtr.dgn	PLOT DATE: 2/4/2016
PROJECT LEADER: P. SHEDD	DRAWN BY: S. GOODWIN
DESIGNED BY: S. GOODWIN	CHECKED BY: P. SHEDD
REGIONAL DETOUR PLAN 3	SHEET 239 OF 239

CLD 14-0278

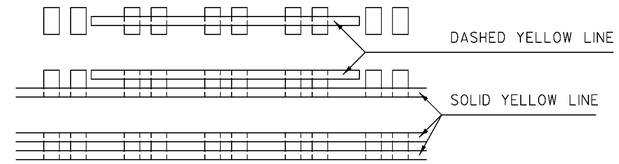




RUMBLE STRIP LAYOUT DETAIL

NOTE:

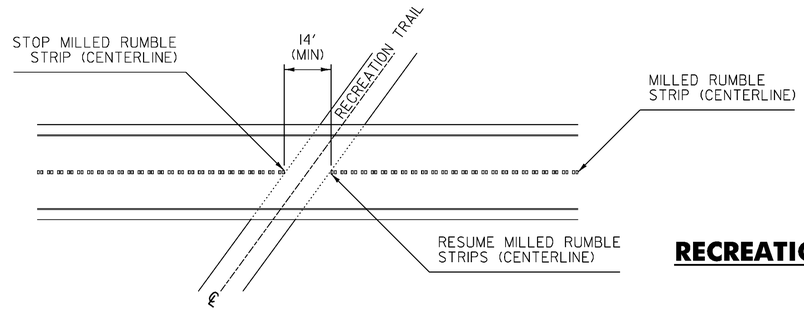
1. RUMBLE STRIPS (CENTERLINE) SHALL BE CENTERED ALONG THE CENTERLINE OF THE ROADWAY AND INSTALLED AT THE INTERVALS AS DETAILED.



PAVEMENT MARKING LAYOUT DETAIL

NOTES:

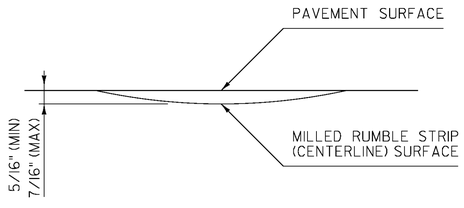
1. MILLED RUMBLE STRIPS (CENTERLINE) SHALL BE INSTALLED PRIOR TO FINAL CENTERLINE PAVEMENT MARKINGS.
2. ALL FINAL CENTERLINE PAVEMENT MARKINGS SHALL BE CENTERED ON THE MILLED RUMBLE STRIPS (CENTERLINE).
3. UNLESS OTHERWISE SPECIFIED IN THE PLANS, CENTERLINE PAVEMENT MARKINGS SHALL BE POLYUREA.



RECREATION TRAIL CROSSING DETAIL

NOTE:

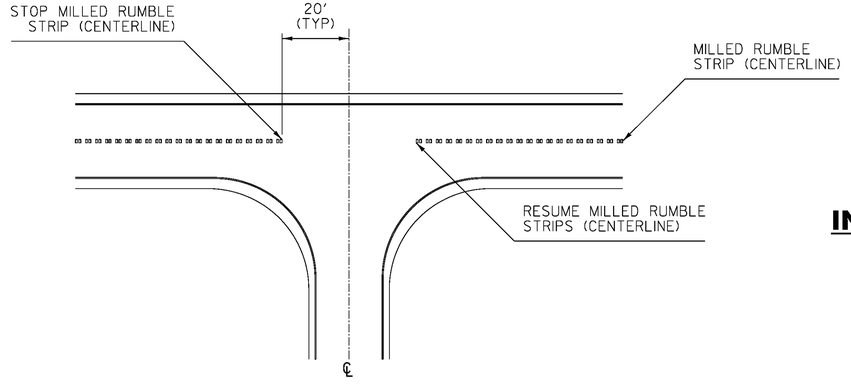
1. WIDTH OF GAP FOR RAIL TRAILS WILL VARY DEPENDENT ON THE SKEW OF THE TRAIL, WITH A 14 FOOT MINIMUM GAP.



RUMBLE STRIP DETAIL

NOTES:

1. DIMENSION "A" SHALL BE 12 INCHES WHEN FOUR INCH CENTERLINE PAVEMENT MARKINGS ARE TO BE INSTALLED AND 18 INCHES WHEN SIX INCH CENTERLINE PAVEMENT MARKINGS ARE TO BE INSTALLED.
2. WHEN MILLED RUMBLE STRIP (CENTERLINE) IS SPECIFIED TO BE SEALED WITH SPECIAL PROVISION (FOG SEAL SURFACE TREATMENT) IT SHALL BE SEALED WITH TWO APPLICATIONS.



INTERSECTION DETAIL

NOTE:

1. MILLED RUMBLE STRIPS (CENTERLINE) SHALL STOP 20 FEET PRIOR TO ALL INTERSECTIONS, IN BOTH DIRECTIONS OF TRAVEL.

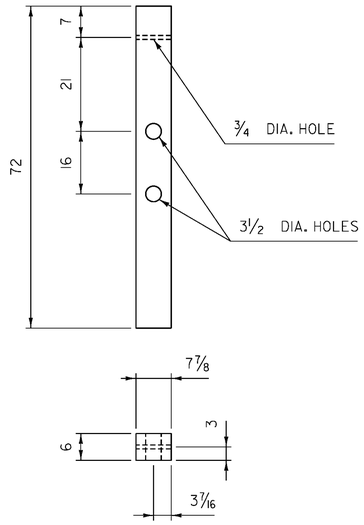
REV.	DATE	DESCRIPTION
0	NOV. 3, 2015	ORIGINAL APPROVAL
OTHER DETAILS REQUIRED: NONE		
DETAILS APPROVED FOR USE BY HIGHWAY SAFETY & DESIGN		

MILLED RUMBLE STRIP (CENTERLINE) DETAILS

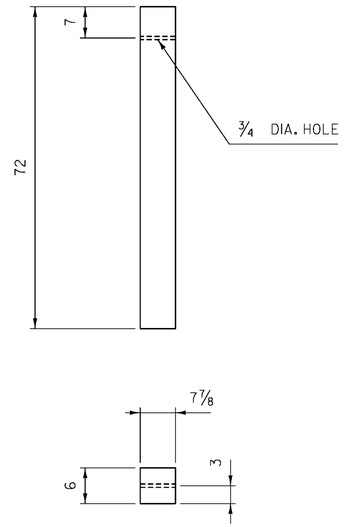
VTrans Working to Get You There
VERMONT AGENCY OF TRANSPORTATION

HIGHWAY SAFETY & DESIGN DETAIL

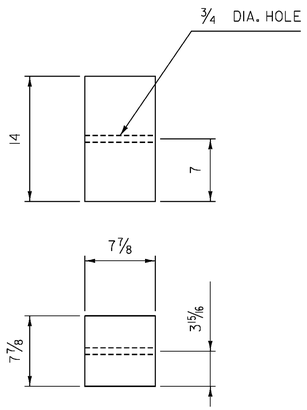
HSD-213.02



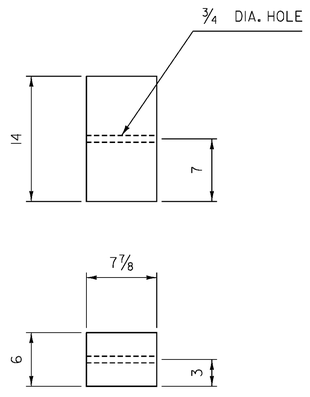
CONTROLLED RELEASING TERMINAL (CRT) TIMBER POST (PDE09)



TIMBER GUARDRAIL POST (PDE07)



TRANSITION SPACER BLOCKOUTS (PDB07)



W-BEAM TIMBER BLOCKOUT (PDB01)

GENERAL NOTES:

1. ALL MATERIAL DESIGNATIONS ARE AS IDENTIFIED IN "A GUIDE TO STANDARDIZED HIGHWAY BARRIER HARDWARE" AS PUBLISHED BY THE "AMERICAN ASSOCIATION OF STATE AND HIGHWAY TRANSPORTATION OFFICIALS" (AASHTO), ASSOCIATED GENERAL CONTRACTORS OF AMERICA (AGC) AND THE AMERICAN ROAD AND TRANSPORTATION BUILDERS ASSOCIATION (ARTBA).
2. CRT TIMBER POSTS SHALL BE INSTALLED SO THAT THE CENTER OF THE TOP 3 1/2 INCH HOLE IS AT GROUND LEVEL.
3. ALL TIMBER SHALL RECEIVE A PRESERVATION TREATMENT IN ACCORDANCE WITH AASHTO M133 AFTER ALL HOLES ARE DRILLED AND END CUTS ARE MADE.
4. ALL DIMENSIONS IN INCHES.

REV.	DATE	DESCRIPTION
0	JUN. 9, 2015	ORIGINAL APPROVAL

OTHER DETAILS REQUIRED: NONE

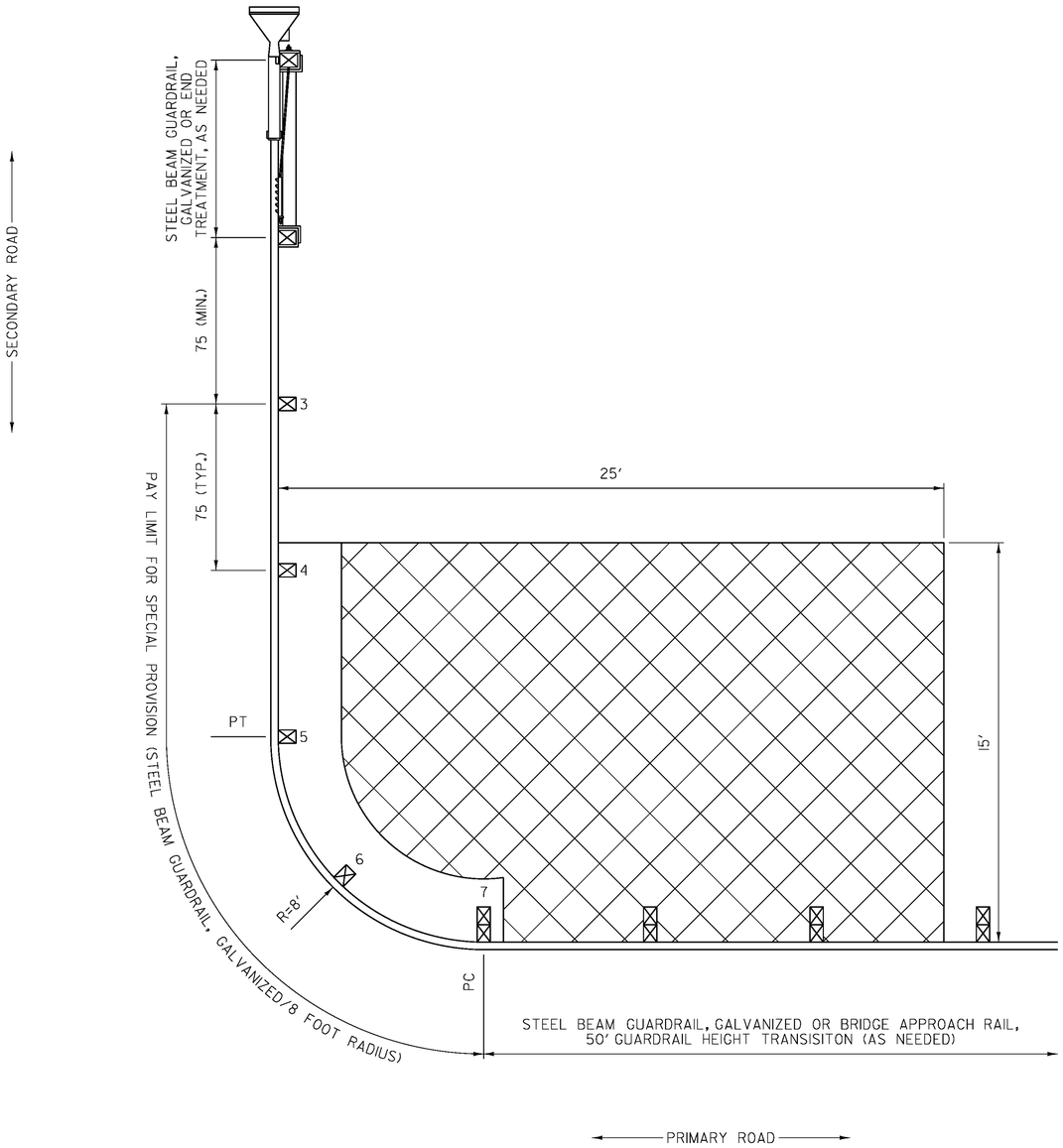
DETAILS APPROVED FOR USE BY HIGHWAY SAFETY & DESIGN

POST AND BLOCKOUT DETAILS FOR STEEL BEAM GUARDRAIL, GALVANIZED

VTrans Working to Get You There — VERMONT AGENCY OF TRANSPORTATION

HIGHWAY SAFETY & DESIGN DETAIL

HSD-621.01



GENERAL NOTES:

1. ALL MATERIAL DESIGNATIONS ARE AS IDENTIFIED IN "A GUIDE TO STANDARDIZED HIGHWAY BARRIER HARDWARE" AS PUBLISHED BY THE "AMERICAN ASSOCIATION OF STATE AND HIGHWAY TRANSPORTATION OFFICIALS" (AASHTO), ASSOCIATED GENERAL CONTRACTORS OF AMERICA (AGC) AND THE AMERICAN ROAD AND TRANSPORTATION BUILDERS ASSOCIATION (ARTBA).
2. GUARDRAIL WITHIN THE PAY LIMITS OF SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/8 FOOT RADIUS) SHALL BE INSTALLED AT A HEIGHT OF 27 INCHES TO THE TOP OF RAIL.
3. POSTS 3 THROUGH 7 SHALL BE CRT TIMBER POSTS, PDE09.
4. THE OFFSET BLOCK FOR POST 7 SHALL BE A W-BEAM TIMBER BLOCKOUT, PDB01 AND SHALL BE SECURED FROM ROTATION BY A 10D GALVANIZED NAIL.
5. POSTS 3 THROUGH 6 SHALL HAVE GUARDRAIL BOLTS AND RECESSED NUTS, FBB03.
6. ALL GUARDRAIL PANELS WITHIN THE PAY LIMITS FOR SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/8 FOOT RADIUS) SHALL BE W-BEAM GUARDRAIL, RWM02A AND SHALL BE SHOP BENT, WHERE APPLICABLE.
7. END TREATMENT SHOWN FOR REFERENCE ONLY.
8. WHEN STANDARD DRAWING G-ID IS USED FOR AN END TREATMENT ON THE SECONDARY ROAD IT SHALL BEGIN A MINIMUM OF 75 INCHES BEYOND THE PAY LIMITS FOR SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/8 FOOT RADIUS).
9. FOR TEST LEVEL 2 APPLICATIONS, AS APPROVED IN THE FEDERAL HIGHWAY ADMINISTRATION'S ACCEPTANCE LETTER, HSSI/B-209, DATED NOVEMBER 11, 2010.
10. PAYMENT SHALL BE MADE UNDER SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/8 FOOT RADIUS).
11. GUARDRAIL SHALL BE LAPPED IN THE DIRECTION OF THE NEAREST TRAVEL LANE.
12. ALL DIMENSIONS IN INCHES, UNLESS OTHERWISE NOTED.

REV.	DATE	DESCRIPTION
0	JUN. 9, 2015	ORIGINAL APPROVAL

OTHER DETAILS REQUIRED: HSD 621.01

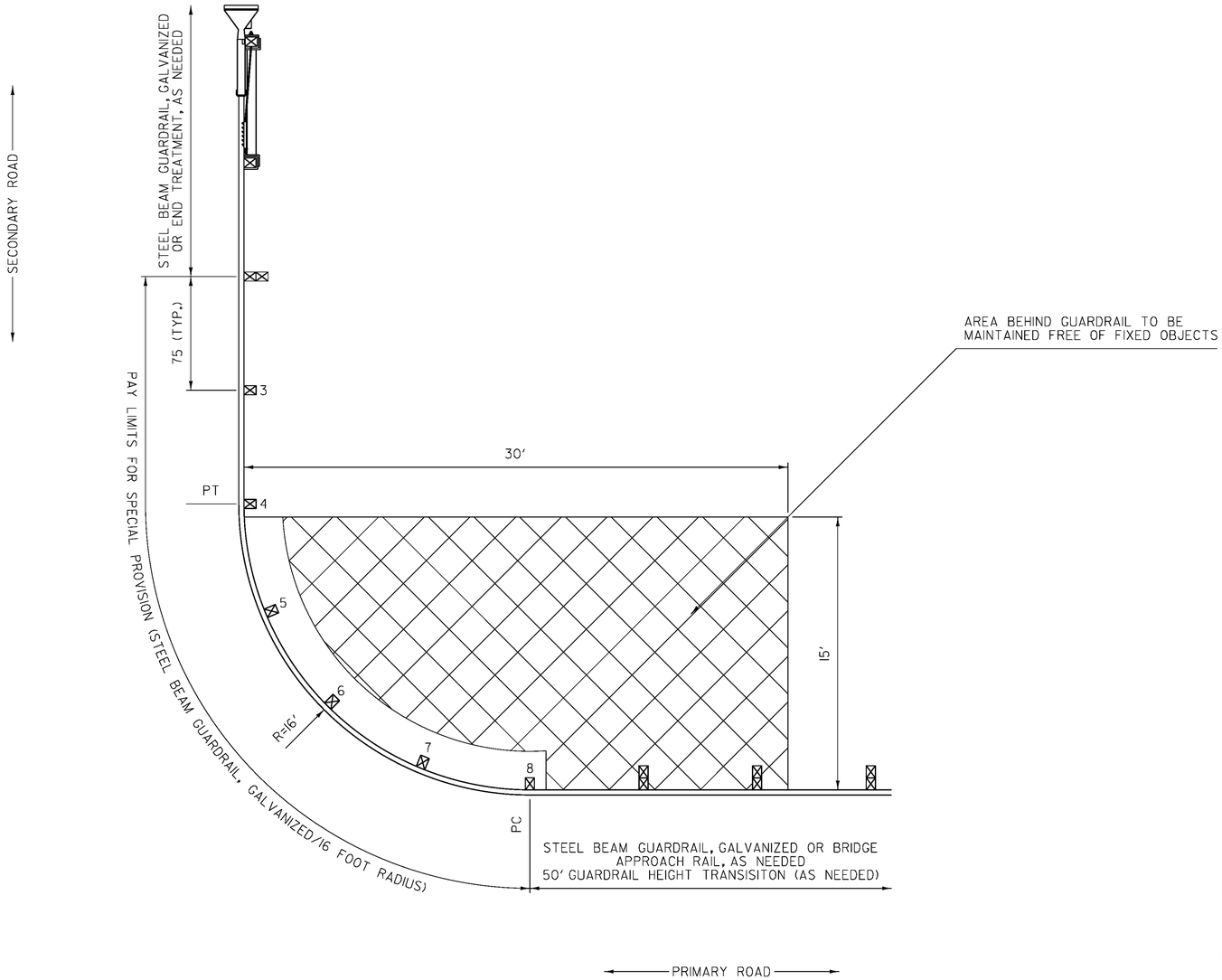
DETAILS APPROVED FOR USE BY HIGHWAY SAFETY & DESIGN

STEEL BEAM GUARDRAIL, GALVANIZED/8 FOOT RADIUS

VTrans Working to Get You There
VERMONT AGENCY OF TRANSPORTATION

HIGHWAY SAFETY & DESIGN DETAIL

HSD-621.02



GENERAL NOTES:

1. ALL MATERIAL DESIGNATIONS ARE AS IDENTIFIED IN "A GUIDE TO STANDARDIZED HIGHWAY BARRIER HARDWARE" AS PUBLISHED BY THE "AMERICAN ASSOCIATION OF STATE AND HIGHWAY TRANSPORTATION OFFICIALS" (AASHTO), ASSOCIATED GENERAL CONTRACTORS OF AMERICA (AGC) AND THE AMERICAN ROAD AND TRANSPORTATION BUILDERS ASSOCIATION (ARTBA).
2. GUARDRAIL WITHIN THE PAY LIMITS OF SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/16 FOOT RADIUS) SHALL BE INSTALLED AT A HEIGHT OF 27 INCHES TO THE TOP OF RAIL.
3. POSTS 3 THROUGH 8 SHALL BE CRT TIMBER POSTS, PDE09.
4. POSTS 3 THROUGH 8 SHALL HAVE GUARDRAIL BOLTS AND RECESSED NUTS, FBB03.
5. ALL GUARDRAIL PANELS WITHIN THE PAY LIMITS FOR SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/16 FOOT RADIUS) SHALL BE W-BEAM GUARDRAIL, RWM02A AND SHALL BE SHOP BENT, WHERE APPLICABLE.
6. END TREATMENT SHOWN FOR REFERENCE ONLY.
7. BASED ON DETAILS IN FHWA'S TECHNICAL ADVISORY T 5040.32, APRIL 13, 1992 (FOR REFERENCE ONLY).
8. PAYMENT SHALL BE MADE UNDER SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/16 FOOT RADIUS).
9. GUARDRAIL SHALL BE LAPPED IN THE DIRECTION OF THE NEAREST TRAVEL LANE.
10. ALL DIMENSIONS IN INCHES, UNLESS OTHERWISE NOTED.

REV.	DATE	DESCRIPTION
0	JUN. 9, 2015	ORIGINAL APPROVAL

OTHER DETAILS REQUIRED: HSD 621.01

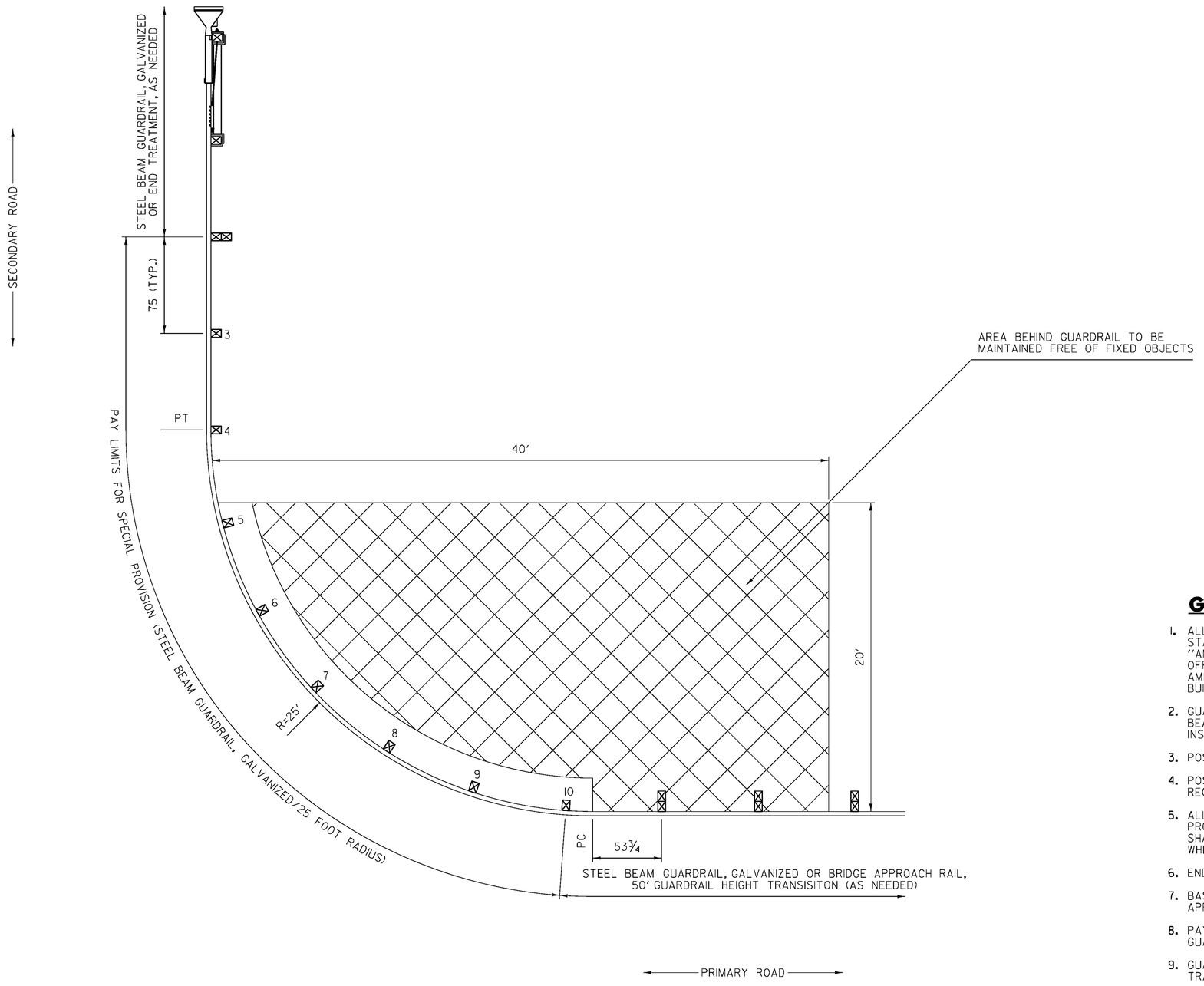
DETAILS APPROVED FOR USE BY HIGHWAY SAFETY & DESIGN

STEEL BEAM GUARDRAIL, GALVANIZED/16 FOOT RADIUS

VTrans Working to Get You There VERMONT AGENCY OF TRANSPORTATION

HIGHWAY SAFETY & DESIGN DETAIL

HSD-621.03



GENERAL NOTES:

1. ALL MATERIAL DESIGNATIONS ARE AS IDENTIFIED IN "A GUIDE TO STANDARDIZED HIGHWAY BARRIER HARDWARE" AS PUBLISHED BY THE "AMERICAN ASSOCIATION OF STATE AND HIGHWAY TRANSPORTATION OFFICIALS" (AASHTO), ASSOCIATED GENERAL CONTRACTORS OF AMERICA (AGC) AND THE AMERICAN ROAD AND TRANSPORTATION BUILDERS ASSOCIATION ARTBA).
2. GUARDRAIL WITHIN THE PAY LIMITS OF SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/25 FOOT RADIUS) SHALL BE INSTALLED AT A HEIGHT OF 27 INCHES TO THE TOP OF RAIL.
3. POSTS 3 THROUGH 10 SHALL BE CRT TIMBER POSTS, PDE09.
4. POSTS 3 THROUGH 10 SHALL HAVE GUARDRAIL BOLTS AND RECESSED NUTS, FBB03.
5. ALL GUARDRAIL PANELS WITHIN THE PAY LIMITS FOR SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/25 FOOT RADIUS) SHALL BE W-BEAM GUARDRAIL, RWM02A AND SHALL BE SHOP BENT, WHERE APPLICABLE.
6. END TREATMENT SHOWN FOR REFERENCE ONLY.
7. BASED ON DETAILS IN FHWA'S TECHNICAL ADVISORY T 5040.32, APRIL 13, 1992 (FOR REFERENCE ONLY).
8. PAYMENT SHALL BE MADE UNDER SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/25 FOOT RADIUS).
9. GUARDRAIL SHALL BE LAPPED IN THE DIRECTION OF THE NEAREST TRAVEL LANE.
10. ALL DIMENSIONS IN INCHES, UNLESS OTHERWISE NOTED.

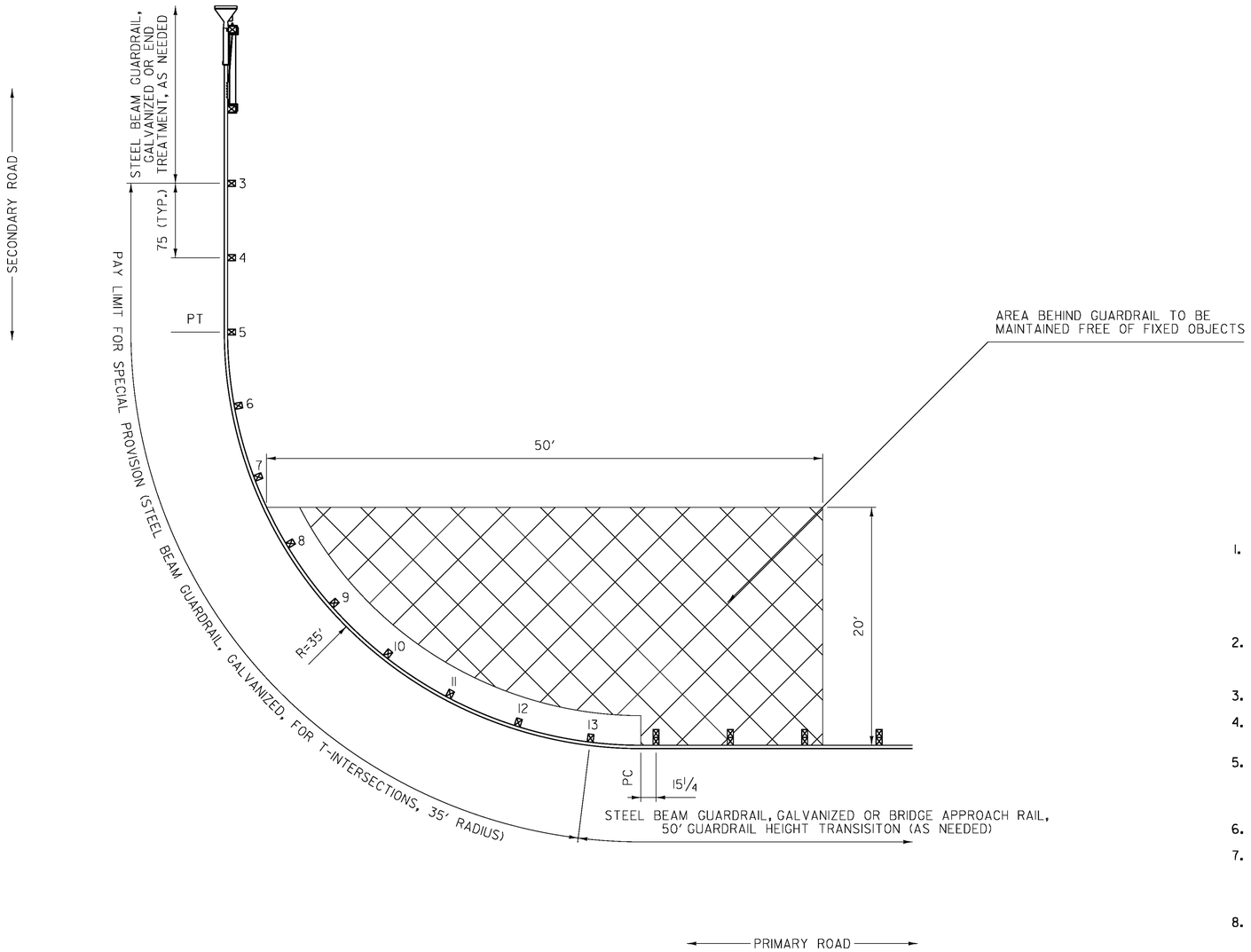
REV.	DATE	DESCRIPTION
0	JUN. 9, 2015	ORIGINAL APPROVAL
OTHER DETAILS REQUIRED: HSD 621.01		
DETAILS APPROVED FOR USE BY HIGHWAY SAFETY & DESIGN		

STEEL BEAM GUARDRAIL, GALVANIZED/25 FOOT RADIUS

VTrans Working to Get You There VERMONT AGENCY OF TRANSPORTATION

HIGHWAY SAFETY & DESIGN DETAIL

HSD-621.04



GENERAL NOTES:

1. ALL MATERIAL DESIGNATIONS ARE AS IDENTIFIED IN "A GUIDE TO STANDARDIZED HIGHWAY BARRIER HARDWARE" AS PUBLISHED BY THE "AMERICAN ASSOCIATION OF STATE AND HIGHWAY TRANSPORTATION OFFICIALS" (AASHTO), ASSOCIATED GENERAL CONTRACTORS OF AMERICA (AGC) AND THE AMERICAN ROAD AND TRANSPORTATION BUILDERS ASSOCIATION (ARTBA).
2. GUARDRAIL WITHIN THE PAY LIMITS OF SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/35 FOOT RADIUS) SHALL BE INSTALLED AT A HEIGHT OF 27 INCHES TO THE TOP OF RAIL.
3. POSTS 3 THROUGH 13 SHALL BE CRT TIMBER POSTS, PDE09.
4. POSTS 3 THROUGH 13 SHALL HAVE GUARDRAIL BOLTS AND RECESSED NUTS, FBB03.
5. ALL GUARDRAIL PANELS WITHIN THE PAY LIMITS FOR SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/35 FOOT RADIUS) SHALL BE W-BEAM GUARDRAIL, RWM02A AND SHALL BE SHOP BENT, WHERE APPLICABLE.
6. END TREATMENT SHOWN FOR REFERENCE ONLY.
7. WHEN STANDARD DRAWING G-ID IS USED FOR AN END TREATMENT ON THE SECONDARY ROAD IT SHALL BEGIN A MINIMUM OF 75 INCHES BEYOND THE PAY LIMITS FOR SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/35 FOOT RADIUS).
8. BASED ON DETAILS IN FHWA'S TECHNICAL ADVISORY T 5040.32, APRIL 13, 1992 (FOR REFERENCE ONLY).
9. PAYMENT SHALL BE MADE UNDER SPECIAL PROVISION (STEEL BEAM GUARDRAIL, GALVANIZED/35 FOOT RADIUS).
10. GUARDRAIL SHALL BE LAPPED IN THE DIRECTION OF THE NEAREST TRAVEL LANE.
11. ALL DIMENSIONS IN INCHES, UNLESS OTHERWISE NOTED.

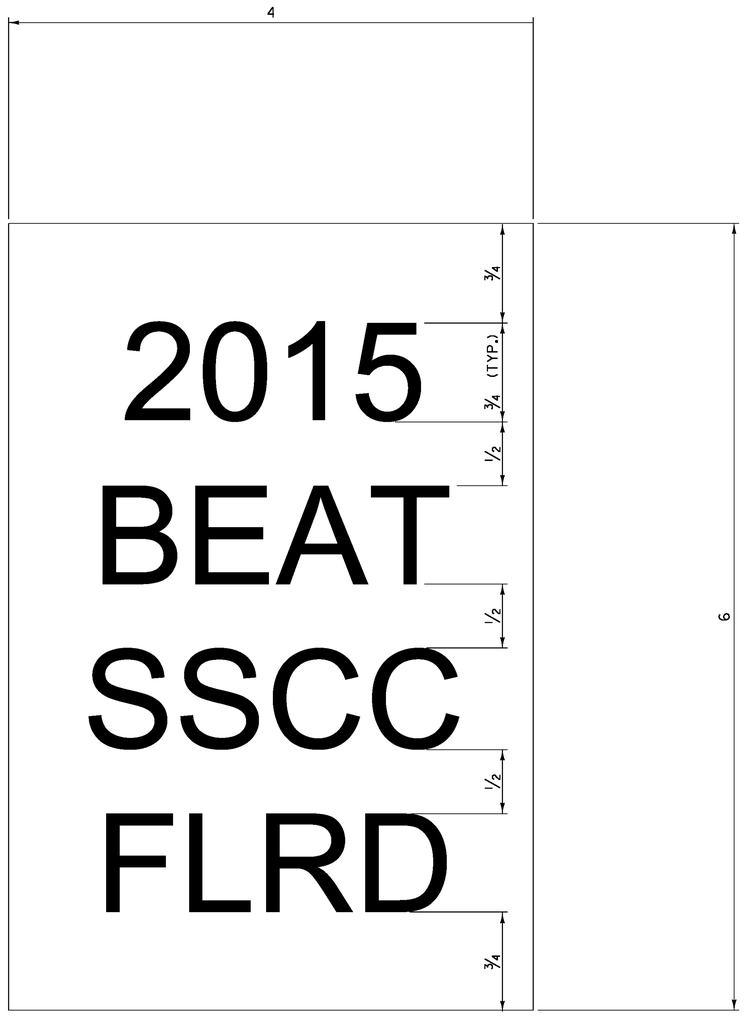
REV.	DATE	DESCRIPTION
0	JUN. 9, 2015	ORIGINAL APPROVAL
OTHER DETAILS REQUIRED: HSD 621.01		
DETAILS APPROVED FOR USE BY HIGHWAY SAFETY & DESIGN		

STEEL BEAM GUARDRAIL, GALVANIZED/35 FOOT RADIUS

VTrans Working to Get You There VERMONT AGENCY OF TRANSPORTATION

HIGHWAY SAFETY & DESIGN DETAIL

HSD-621.05



GENERAL NOTES:

1. LINE ONE SHALL INDICATE THE INSTALLATION YEAR (YYYY).
2. LINE TWO SHALL INDICATE THE MODEL AS IDENTIFIED ON THE APPROVED PRODUCTS LIST. FOR GENERIC INSTALLATIONS THE STANDARD DRAWING DESIGNATION OR NAME AS IDENTIFIED IN THE FHWA ELIGIBILITY LETTER SHALL BE USED.
3. LINE THREE SHALL SHALL INDICATE ADDITIONIAL MODEL INFORMATION IF NECESSARY.
4. LINE FOUR SHALL INDICATE FLARED (FLRD) OR TANGENT (TANG).
5. LEGEND SHALL BE ONE ARIEL FONT.
6. LEGEND SHALL BE BLACK ON A WHITE BACKGROUND, LENGEND AND BACKGROUND SHALL NOT BE REFLECTIVE.
7. SUITABLE MATERIAL SHALL BE USED SO AS TO NOT DETERIORATE DURING EXPOSURE TO WEATHER.
8. LABELS SHALL BE APPLIED IN SUCH A WAY THAT THEY REMAIN INTACT DURING THE LIFE OF THE TERMINAL.
9. FOR W-BEAM GUARDRAIL, LABEL SHALL BE PLACED ON THE TOP OF POST ONE FACING AWAY FROM TRAFFIC.
10. FOR BOX BEAM GUARDRAIL, LABEL SHALL BE PLACED ON THE BOX BEAM ADJACENT TO POST ONE FACING AWAY FROM TRAFFIC.
11. PAYMENT SHALL BE INCIDENTAL TO OTHER TRAFFIC BARRIER ITEMS.
12. ALL DIMENSIONS IN INCHES.

REV.	DATE	DESCRIPTION
0	NOV. 3, 2015	ORIGINAL APPROVAL

OTHER DETAILS REQUIRED: NONE

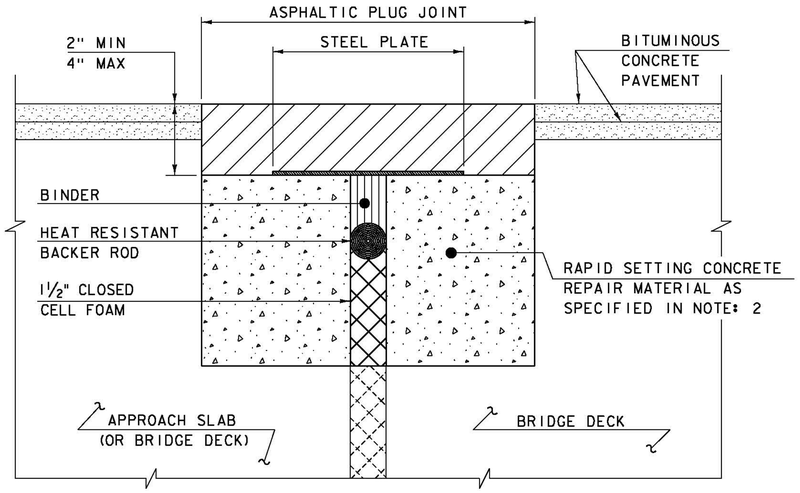
DETAILS APPROVED FOR USE BY HIGHWAY SAFETY & DESIGN

GUARDRAIL TERMINAL LABEL DETAIL

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HIGHWAY SAFETY & DESIGN DETAIL

HSD-621.06



ASPHALTIC PLUG JOINT DETAIL - REHAB

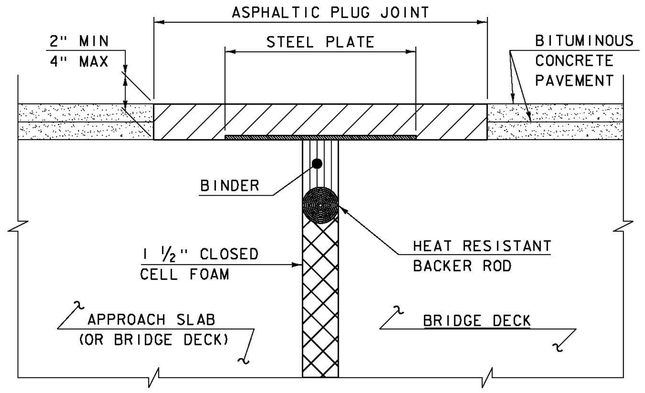
NOTES:

1. THE CONTRACTOR SHALL REMOVE ALL ASPHALTIC PLUG JOINT MATERIAL AND DETERIORATED CONCRETE AS DIRECTED BY THE ENGINEER. REMOVAL OF THE FIRST 4 INCHES OF MATERIAL SHALL BE INCLUDED IN THE BID PRICE FOR ITEM 516.10 BRIDGE EXPANSION JOINT, ASPHALTIC PLUG. ANY REMOVAL OF MATERIAL GREATER THAN 4 INCHES SHALL BE INCLUDED IN THE BID PRICE OF ITEM 580.20 RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE.

2. THE CONTRACTOR SHALL REPLACE REMOVED MATERIAL THAT IS LESS THAN 4" FROM FINISHED GRADE WITH ASPHALTIC PLUG JOINT MATERIAL MEETING THE REQUIREMENTS OF SUBSECTION 707.15. ALL REMOVED MATERIAL THAT IS GREATER THAN 4 INCHES FROM FINISHED GRADE SHALL BE REPLACED WITH RAPID SETTING CONCRETE REPAIR MATERIAL WITH COARSE AGGREGATE MEETING THE REQUIREMENTS OF SUBSECTION 780.04.

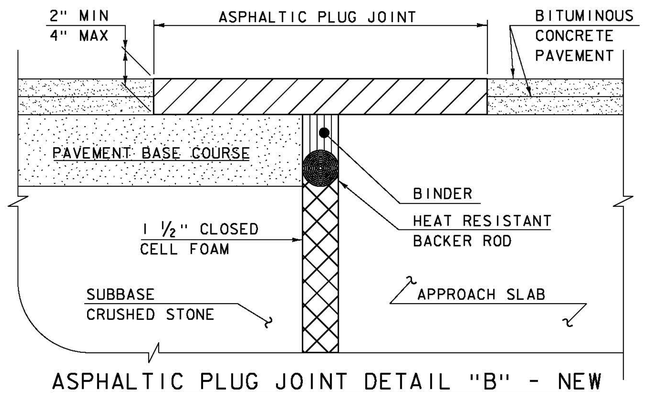
3. REINFORCING STEEL NOT SHOWN FOR CLARITY.

4. PLACE 1/4" THICK BY 8" WIDE SECTIONS OF STEEL PLATE OVER THE CENTER OF THE MOVEMENT GAP. SECURE THE PLATES FROM MOVING BY INSERTING LOCATING PINS THROUGH THE PRE-STAMPED HOLES INTO BACKER ROD AND COVER WITH HOT BINDER. THE STEEL PLATES MAY BE OMITTED WHERE THE ENGINEER DETERMINES THAT THE APPROACH SLAB OR BRIDGE DECK WILL PROVIDE INADEQUATE SUPPORT AND WHERE VERTICAL MOVEMENT OF THE PLATES MIGHT OCCUR.



ASPHALTIC PLUG JOINT DETAIL "A" - NEW

NOTE:
PLACE 1/4" THICK BY 8" WIDE SECTIONS OF STEEL PLATE OVER THE CENTER OF THE MOVEMENT GAP. SECURE THE PLATES FROM MOVING BY INSERTING LOCATING PINS THROUGH THE PRE-STAMPED HOLES INTO BACKER ROD AND COVER WITH HOT BINDER.



ASPHALTIC PLUG JOINT DETAIL "B" - NEW

ASPHALTIC PLUG JOINT NOTES

INSTALLATION:

1. LOCATE THE JOINT CENTRALLY OVER THE DECK OVERLAY EXPANSION GAP OR FIXED JOINT, MARKED OUT TO THE MANUFACTURER'S RECOMMENDED WIDTH.
2. REMOVE THE BITUMINOUS CONCRETE PAVEMENT FULL DEPTH AS SHOWN ON THE PLANS. THE PAVEMENT SHALL BE DRY AND SAW CUT TO THE LIMITS REQUIRED TO PLACE THE JOINT. A PNEUMATIC HAMMER AND CHISEL MAY BE USED ADJACENT TO THE CURB ONLY WHEN SAW CUTTING IS NOT POSSIBLE.
3. BLAST CLEAN THE JOINT AREA OF DEBRIS, ASPHALT AND SHEET MEMBRANE. THOROUGHLY DRY THE JOINT AREA WITH COMPRESSED AIR PRIOR TO APPLYING BINDER MATERIAL.
4. PLACE PROPERLY SIZED HEAT RESISTANT BACKER ROD IN THE MOVEMENT GAP ALLOWING FOR 1" +/- OF BINDER ABOVE THE ROD.
5. HEAT AND PLACE THE BINDER MATERIAL AS RECOMMENDED BY THE MANUFACTURER.
6. IMMEDIATELY AFTER TOP COATING, CAST AN ANTI-SKID MATERIAL OVER THE JOINT TO REDUCE THE RISK OF TRACKING.

WEATHER LIMITATIONS

APPLY BINDER MATERIAL ONLY WHEN THE FOLLOWING CONDITIONS PREVAIL OR AS RECOMMENDED BY THE MANUFACTURER:

1. THE AMBIENT AIR TEMPERATURE IS AT LEAST 10 DEG C (50 DEG F) AND RISING.
2. THE ROAD SURFACE IS DRY.
3. WEATHER CONDITIONS OR OTHER CONDITIONS ARE FAVORABLE AND ARE EXPECTED TO REMAIN SO FOR THE PERFORMANCE OF SATISFACTORY WORK.

DETAILS ON THIS SHEET ARE NOT TO SCALE.

REVISIONS	
MAY 7, 2010	APPROVED FOR USE BY VAOT STRUCTURES SECTION
AUGUST 29, 2011	ADD DETAIL "B" AND REV. NOTES

BRIDGE JOINT
ASPHALTIC PLUG

VERMONT AGENCY OF TRANSPORTATION
STRUCTURES - DIVISION

STRUCTURES DETAIL
SD-516.10