

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

ROY COOPER GOVERNOR JAMES H. TROGDON, III SECRETARY

DATE:

March 6, 2018

COUNTY:

Caldwell

TO:

Daneil Miles

Division Right of Way Agent

FROM:

Doug Eller

District Engineer

SUBJECT:

Proposed Improvement SR 1958 - Lacey Road

Project: 11C.014098 Township: Lovelady

Grade, Drain, Base and Pave

For your use in acquiring 45 feet of right of way, I am attaching two copies of the project plans. The project will consist of grading, drainage, applying base and paving the road. Please be advised that we will be able to utilize existing right of way along a portion of the project. The right of way will be reduced for the following:

• 2+93 to 3+19 (Lt.) - Garage

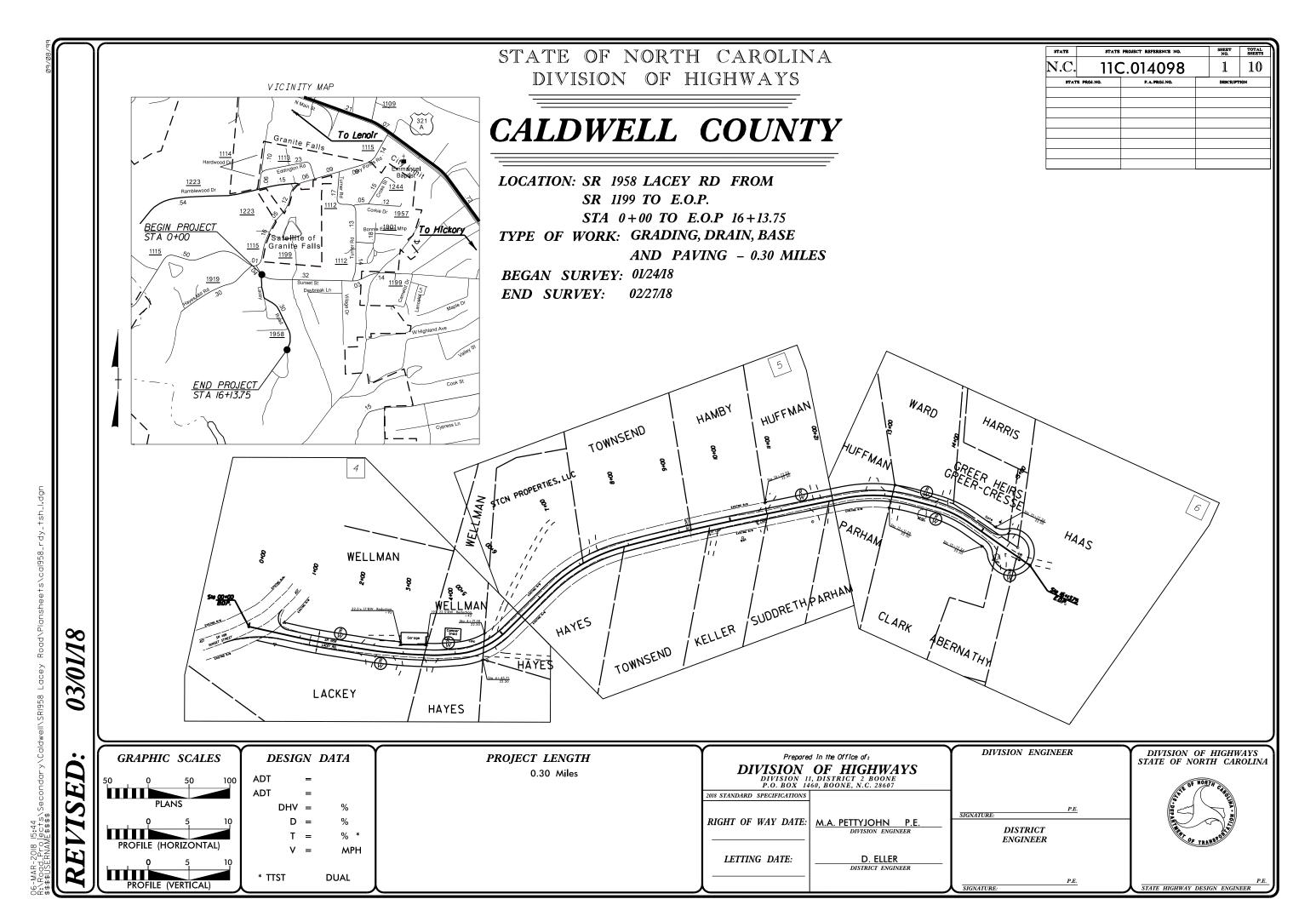
All fences and posts will be relocated off the right of way by the state. Paved and concrete drives may have to be cut during construction and tied back with the project pavement schedule, which has not been determined. The following items will require removal from the right of way.

- 3+68 (Rt.) Brick Planter
- 4+14 to 4+51 (Lt.) Concrete Pad

The existing turnaround located between 12+70 to 13+00 (Lt.) may be eliminated, if acquisition of the proposed cul-de-sac is successful.

If you need anything further, please advise.

DWE/jmg



GENERAL NOTES

PROJECT REFERENCE NO. SHEET NO.

11C.014098 1-A

OADWAY DESI

INDEX OF SHEETS

	INDEX OF SHEETS
SHEET NUMBER	SHEET
1	TITLE SHEET
1-A	INDEX OF SHEETS, GENERAL NOTES, AND LIST OF STANDARD DRAWINGS
1-B	CONVENTIONAL SYMBOLS
1 -C	
1-D U	TILITIES POLE DATA AND CENTER LINE SHIFT SHEET
1 –E	
2	PAVEMENT SCHEDULE, TYPICAL SECTIONS, AND WEDGING DETAILS
3	SUMMARY OF QUANTITIES
	SUMMARY OF DRAINAGE QUANTITIES SUMMARY OF GUARDRAIL, EARTHWORK SUMMARY, AND ASPHALT PAVEMENT REMOVAL SUMMARY
3-B	RIGHT OF WAY DATA SHEET
3-C	DRAINAGE SUMMARY SHEET (48" AND UNDER)

PLAN SHEETS

4 THRU 6

Note: Not to Scale

*S.U.E. = Subsurface Utility Engineering

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

CONVENTIONAL PLAN SHEET SYMBOLS

BOUNDARIES AND PROPERTY	v.	RAILROADS:				Water Manhole —	W
State Line		Standard Gauge	CSX TRANSPORTATION			Water Meter —	0
County Line		RR Signal Milepost	0			Water Valve ————————————————————————————————————	\otimes
		Switch —	MILEPOST 35 SWITCH	EXISTING STRUCTURES:		Water Hydrant ————————————————————————————————————	.
Township Line		RR Abandoned	SWILCH	MAJOR:		Recorded U/G Water Line —	w
City Line				Bridge, Tunnel or Box Culvert —	CONC	Designated U/G Water Line (S.U.E.*)	
Reservation Line		RR Dismantled		Bridge Wing Wall, Head Wall and End Wall –		Above Ground Water Line	
Property Line —		RIGHT OF WAY:		MINOR:	, (Above Crosha Waler Line	
Existing Iron Pin		Baseline Control Point	- ◆	Head and End Wall —	CONC HW	TV:	
Property Corner —		Existing Right of Way Marker	_	Pipe Culvert —		TV Satellite Dish	K
Property Monument	 ECM	Existing Right of Way Line		Footbridge —		TV Pedestal —	
Parcel/Sequence Number	 @	Proposed Right of Way Line	_	Drainage Box: Catch Basin, DI or JB ———		TV Tower —	
Existing Fence Line	xxx_	Proposed Right of Way Line with					_
Proposed Woven Wire Fence	—— ———	Iron Pin and Cap Marker		Paved Ditch Gutter		U/G TV Cable Hand Hole	
Proposed Chain Link Fence		Proposed Right of Way Line with		Storm Sewer Manhole ————	©	Recorded U/G TV Cable ————————————————————————————————————	
Proposed Barbed Wire Fence		Concrete or Granite Marker	9 6	Storm Sewer —	s	Designated U/G TV Cable (S.U.E.*)————	
Existing Wetland Boundary		Existing Control of Access	\@/			Recorded U/G Fiber Optic Cable ————	
Proposed Wetland Boundary		Proposed Control of Access	•	UTILITIES:		Designated U/G Fiber Optic Cable (S.U.E.*)—	TV FO
		Existing Easement Line ————————————————————————————————————	— ——E——	POWER:			
Existing Endangered Animal Boundary	EAD	Proposed Temporary Construction Easement	tE	Existing Power Pole ————————————————————————————————————	•	GAS:	
Existing Endangered Plant Boundary ———	ЕРВ	Proposed Temporary Drainage Easement—	— —— TDE ———	Proposed Power Pole —————	٥	Gas Valve ————————————————————————————————————	
BUILDINGS AND OTHER CUI	LTURE:	Proposed Permanent Drainage Easement —	— PDE ——	Existing Joint Use Pole —		Gas Meter —	\Diamond
Gas Pump Vent or U/G Tank Cap ———	<u> </u>	Proposed Permanent Utility Easement ———	— PUE	Proposed Joint Use Pole —		Recorded U/G Gas Line	с
Sign —				Power Manhole ————————————————————————————————————	P	Designated U/G Gas Line (S.U.E.*)———	
Well -		ROADS AND RELATED FEATU		Power Line Tower	\boxtimes	Above Ground Gas Line	
Small Mine	─ ×	Existing Edge of Pavement		Power Transformer ———————————————————————————————————	<u></u>	7.5070 0.001.0 0.00 1.110	
Foundation —	_ 🖂	Existing Curb		U/G Power Cable Hand Hole	Fil	SANITARY SEWER:	
Area Outline		Proposed Slope Stakes Cut	<u>c</u>	H–Frame Pole ————————————————————————————————————		Sanitary Sewer Manhole ————————————————————————————————————	@
Cemetery		Proposed Slope Stakes Fill	— <u>F</u>	Recorded U/G Power Line		Sanitary Sewer Mannole Sanitary Sewer Cleanout	
Building —		Proposed Wheel Chair Ramp				U/G Sanitary Sewer Line —	
School —		Proposed Wheel Chair Ramp Curb Cut —	— WCC	Designated U/G Power Line (S.U.E.*)	P	•	
Church —		Curb Cut for Future Wheel Chair Ramp —	— (CFR)			Above Ground Sanitary Sewer	
_	215	Existing Metal Guardrail		TELEPHONE:		Recorded SS Forced Main Line	
Dam —		Proposed Guardrail		Existing Telephone Pole ————	-•-	Designated SS Forced Main Line (S.U.E.*) —	FSS
HYDROLOGY:		Existing Cable Guiderail		Proposed Telephone Pole —————	-0-		
Stream or Body of Water —		Proposed Cable Guiderail		Telephone Manhole ————————————————————————————————————	1	MISCELLANEOUS:	
Hydro, Pool or Reservoir	_ [Equality Symbol		Telephone Booth —————	3	Utility Pole ——————	•
Jurisdictional Stream				Telephone Pedestal ———————		Utility Pole with Base —————	·
Buffer Zone 1		Pavement Removal	−	Telephone Cell Tower	,	Utility Located Object —	⊙
Buffer Zone 2		VEGETATION:		U/G Telephone Cable Hand Hole ———		Utility Traffic Signal Box —————	S
Flow Arrow		Single Tree		Recorded U/G Telephone Cable ————		Utility Unknown U/G Line ————	
Disappearing Stream —		Single Shrub		Designated U/G Telephone Cable (S.U.E.*)—		U/G Tank; Water, Gas, Oil —————	
Spring —		Hedge		Recorded U/G Telephone Conduit		A/G Tank; Water, Gas, Oil —————	
Wetland		Woods Line		Designated U/G Telephone Conduit (S.U.E.*)		U/G Test Hole (S.U.E.*)	•
Proposed Lateral, Tail, Head Ditch		Orchard —		Recorded U/G Fiber Optics Cable ———		Abandoned According to Utility Records —	
	← FLOW			•			AATUR
False Sump —	$ \Diamond$	Vineyard —	Vineyard	Designated U/G Fiber Optics Cable (S.U.E.*)	T FO	End of Information ————————————————————————————————————	E.O.I.

ENTERED BY: JC		DATE: 03/01/18
CHECKED BY: MG		DATE: 03/01/18
	REVISIONS	
DATE:		

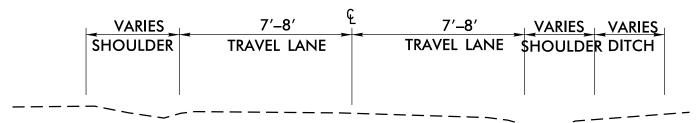
STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.	SHEET NO.
IIC.0I4098	I-D

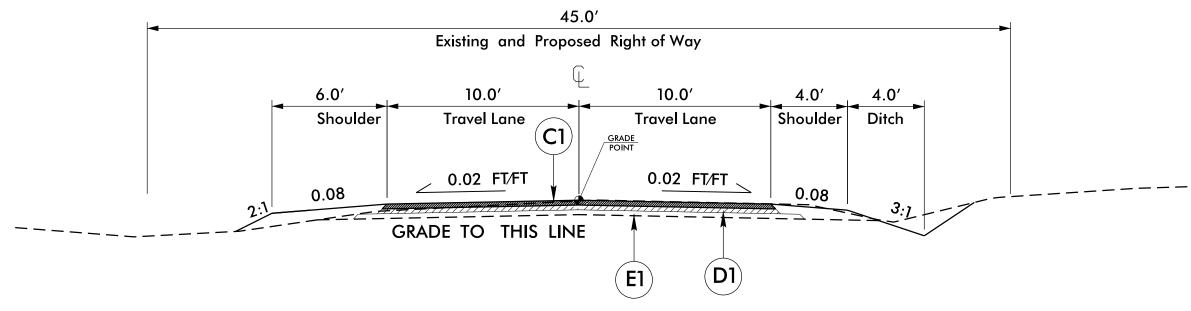
CENTERLINE SHIFT STA's

								POLE	DA^{\prime}	TA	SH	EET	,					SHIFT	STA's
OWNER OF	THE POLE	LINE: Caldw	ell County V	Vater					OWNER OF	THE POLE	LINE: [BREMCO						STATION LEFT RIGHT	STATION LEFT RIGH
STATION	POLE		M CENTER IT ROAD		M CENTER DJECT		M PROJECT MOVING	REMARKS	STATION	POLE	PRESEN	M CENTER IT ROAD		M CENTER DJECT		M PROJECT MOVING	REMARKS	1+00	37+00
	NUMBER	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT			NUMBER	LEFT	RIGHT	LEFT	RIGHT	LEFT	RIGHT		2+00 1.0	38+00
2+09			24.9		23.5		23.5	WM	2+88		13.9		15.7		22.5			3+00 2.0	39+00
																		4+00 0.5	40+00
3+38			16.3		14.5		16.0	FH	11 + 82		21.5		21.5		22.5			5+00	41 + 00
																		6+00	42 + 00
4+22			28.6		28.6		28.6	WM										7 + 00	43+00
																		8+00	44+00
4+66			32.2		32.2		32.2	WM										9+00	45+00
																		10 + 00	46+00
7+03		23.7		23.7		23.7		WM										11 + 00	47 + 00
																		12 + 00	48+00
7+66		15.7		15.7		22.5		WM										13 + 00	49+00
																		14 + 00	50+00
10 + 74			19.3		19.3		22.5	WM										15 + 00	51 + 00
																		16 + 00	52+00
10 + 76			19.3		19.3		22.5	WM										E.O.P. 16+13.75	53+00
																		18 + 00	54+00
11 + 23		24.7		24.7		24.7		WM	OWNER OF	THE POLE	LINE:					•		19 + 00	55+00
										POLE		M CENTER IT ROAD		M CENTER		M PROJECT MOVING		20+00	56+00
11 + 59			22.8		22.8		22.8	FH	STATION	NUMBER		RIGHT	LEFT	RIGHT	LEFT	RIGHT	REMARKS	21+00	57+00
																		22 + 00	58+00
13 + 16		23.1		23.1		23.1		WM										23+00	59+00
																		24+00	60+00
14 + 40			19.3		19.3		22.5	WM										25+00	61 + 00
																		26+00	62 + 00
15 + 43		29.8		29.8		33.7		WM										27+00	63+00
																		28+00	64+00
15 + 78			19.3		19.3		45.0	WM										29+00	65 + 00
																		30+00	66+00
																		31+00	67+00
																		32+00	68+00
																		33+00	69+00
																		34+00	70+00
																		35+00	71 + 00
																		36+00	72 + 00
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PROJECT REFERENCE NO).	SHEET NO.
IIC . 014098		2
ROADWAY DESIGN ENGINEER	P	AVEMENT DESIGN ENGINEER



14'-16' EXISTING TYPICAL SECTION



TYPICAL SECTION NO. 1

*Sta. 0+00 to 15+17.34

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(:1	PROP.	ASPHALT	SURFACE	TREATMENT	(TRTPLF	SFAL).

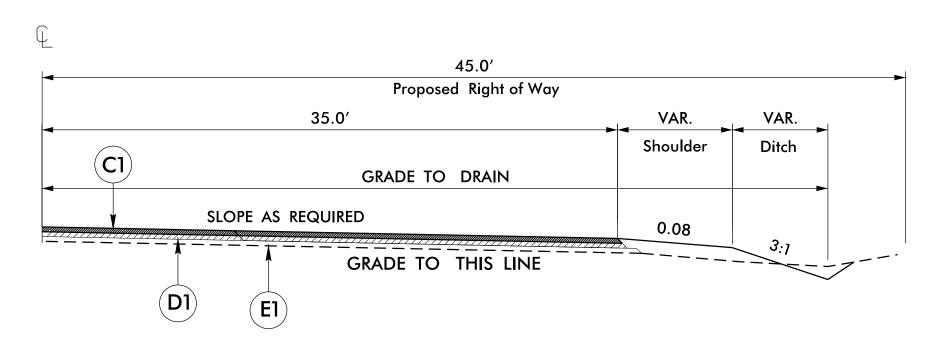
- D1 PROP. APPROX. 3" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.
- E1 PROP. APPROX. 6" AGGREGATE BASE COURSE.

5' 0' 5

CRAPHIC SCALE

Ř: Road Fro jects/Secondary/Caldwell/Sí *** USFRNAMF ***

PROJECT REFERENCE NO) .	SHEET NO.
IIC . 014098		2A
ROADWAY DESIGN ENGINEER	P	AVEMENT DESIGN ENGINEER



TYPICAL SECTION NO. 2

CUL-DE-SAC TYPICAL *Sta. 15+17.34 to 16+13.75

C1	PROP.	ASPHALT	SURFACE	TREATMENT	(TRIPLE	SEAL).
	· · · · · ·	, (O1 11) (L 1	001117102		(0 = / (= / :

- PROP. APPROX. 3" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C, AT AN AVERAGE RATE OF 342 LBS. PER SQ. YD.
- E1 PROP. APPROX. 6" AGGREGATE BASE COURSE.

5' 0' 5' 0' 5' CRAPHIC SCALE

R:\Road_Projects\Secondary\Caldwell\SR19! _sssilSFRNAMFsss

ENTERED BY: JMG	DATE: 03/01/18
CHECKED BY: JMG	DATE: 03/01/18
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DATE: REVISION	<u> 15</u>

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

ROJECT REFERENCE NO.	SHEET NO.
IIC 014098	3-R

			F	RIG	HT	OF	WA	Y	DAT	A SHEET	•						
PARCEL NO.	PROPERTY OWNERS NAME	ADDRESS	СІТҮ	STATE	ZIP	DEED BOOK / PAGE	NCPIN	PHONE	PARCEL NO.	PROPERTY OWNERS NAME	ADDRESS	CITY	STATE	ZIP	DEED BOOK / PAGE	NCPIN	PHONE
1	HORACE & DORTHY LAKEY	5187 LACEY ROAD	GRANITE FALLS	NC	28630	678/475	2775158149										
2	JERRY E. WELLMAN	470 SUNSET ST	GRANITE_FALLS_	NC	28630	1014/861	2775250199										
3	JERRY & SANDRA WELLMAN	470 SUNSET ST	GRANITE FALLS	NC	28630	1159/1939	2775251094										
4	DOUGLAS K. HAYES	5197 LACEY ROAD	GRANITE FALLS	NC	28630	705/1646	2775157083										
5	STCN PROPERTIES LLC	2637 BLACKBURN COURT	GRANITE FALLS	NC	28630	1515/1061	2775242993										
6	WILLIAM J. HAYES	5201 LACEY ROAD	GRANITE FALLS	NC	28630	1909/1602	2775241802										
7	CURTIS TOWNSEND	5208 LACEY ROAD	GRANITE FALLS	NC	28630	1663/1278	2775244718										
8	WILLIAM & ANN TOWNSEND	5201 LACEY ROAD	GRANITE FALLS	NC	28630	1909/1602	2775149616										
9	JAMES & KYONG HAMBY	457 SUNSET ST	GRANITE FALLS	NC	28630	1852/1336	2775246618										
10	PAUL & SHENA KELLER	5205 LACEY ROAD	GRANITE FALLS	NC	28630	1811/629	2775241564										
11	ROBERT L. HUFFMAN	5232 LACEY ROAD	GRANITE FALLS	NC	28630	965/569	2775246468										
12	MARY C. SUDDRETH	5229 LACEY ROAD	GRANITE FALLS	NC	28630	676/025	2775148427		1								
13	WILLIAM & PATRICIA PARHAM	5235 LACEY ROAD	GRANITE FALLS	NC	28630	606/398	2775149210										
14	KELLY WARD	5242 LACEY ROAD	GRANITE FALLS	NC	28630	1185/380	2775247238										
15	angela B. Clark	5239 LACEY ROAD	GRANITE FALLS	NC	28630	1901/435	2775243125										
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STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

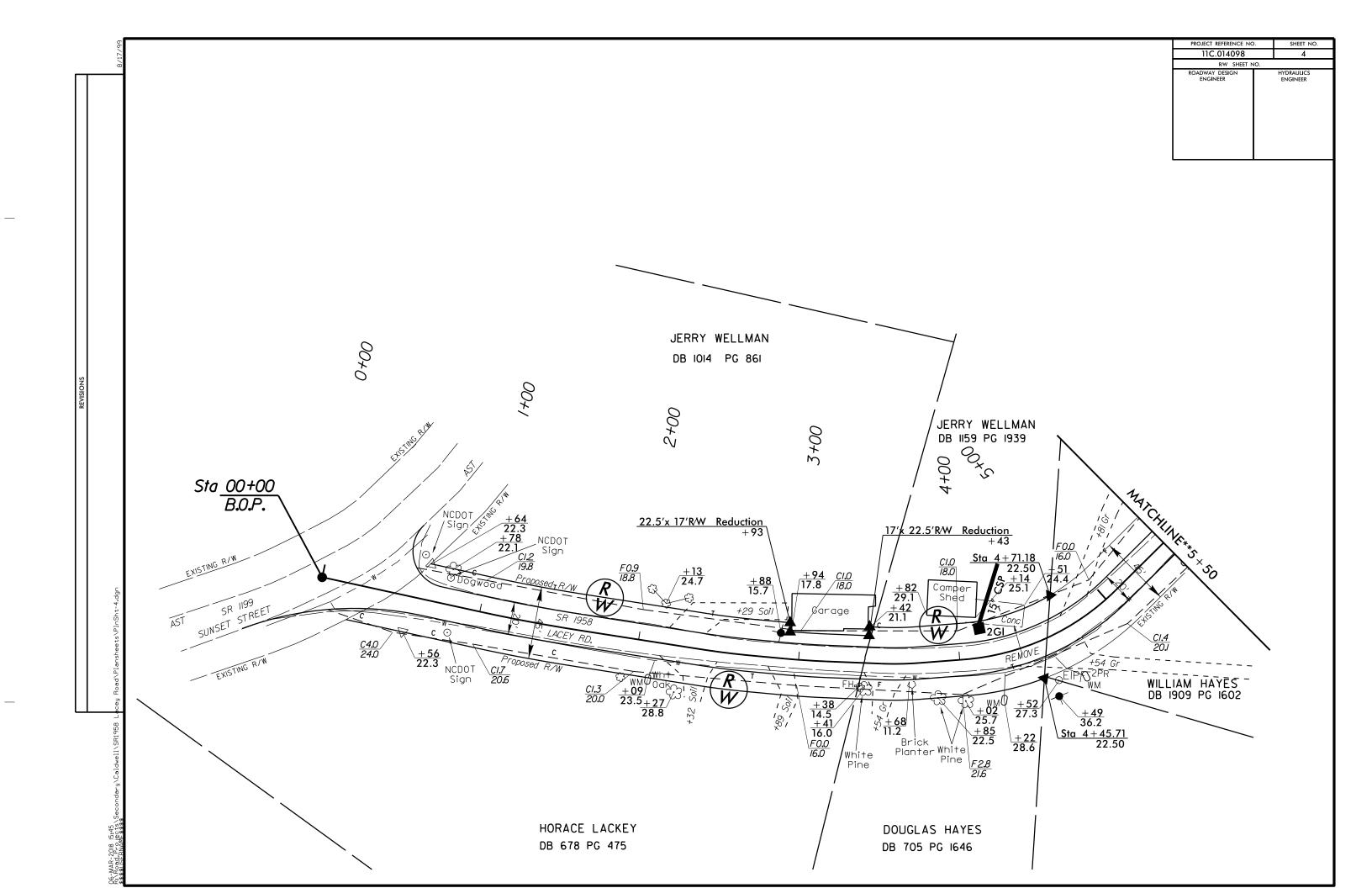
PROJECT NO. SHEET NO.

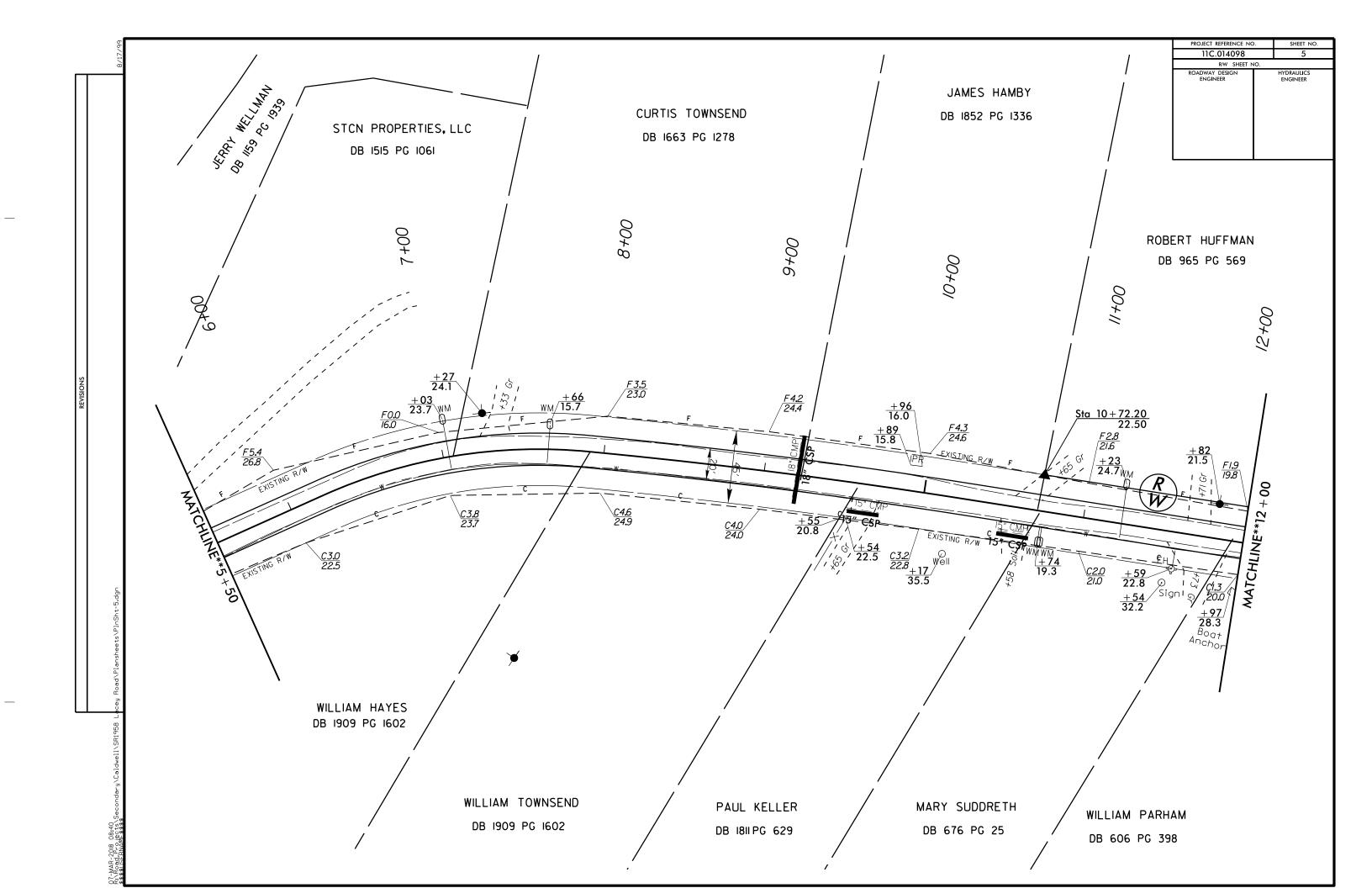
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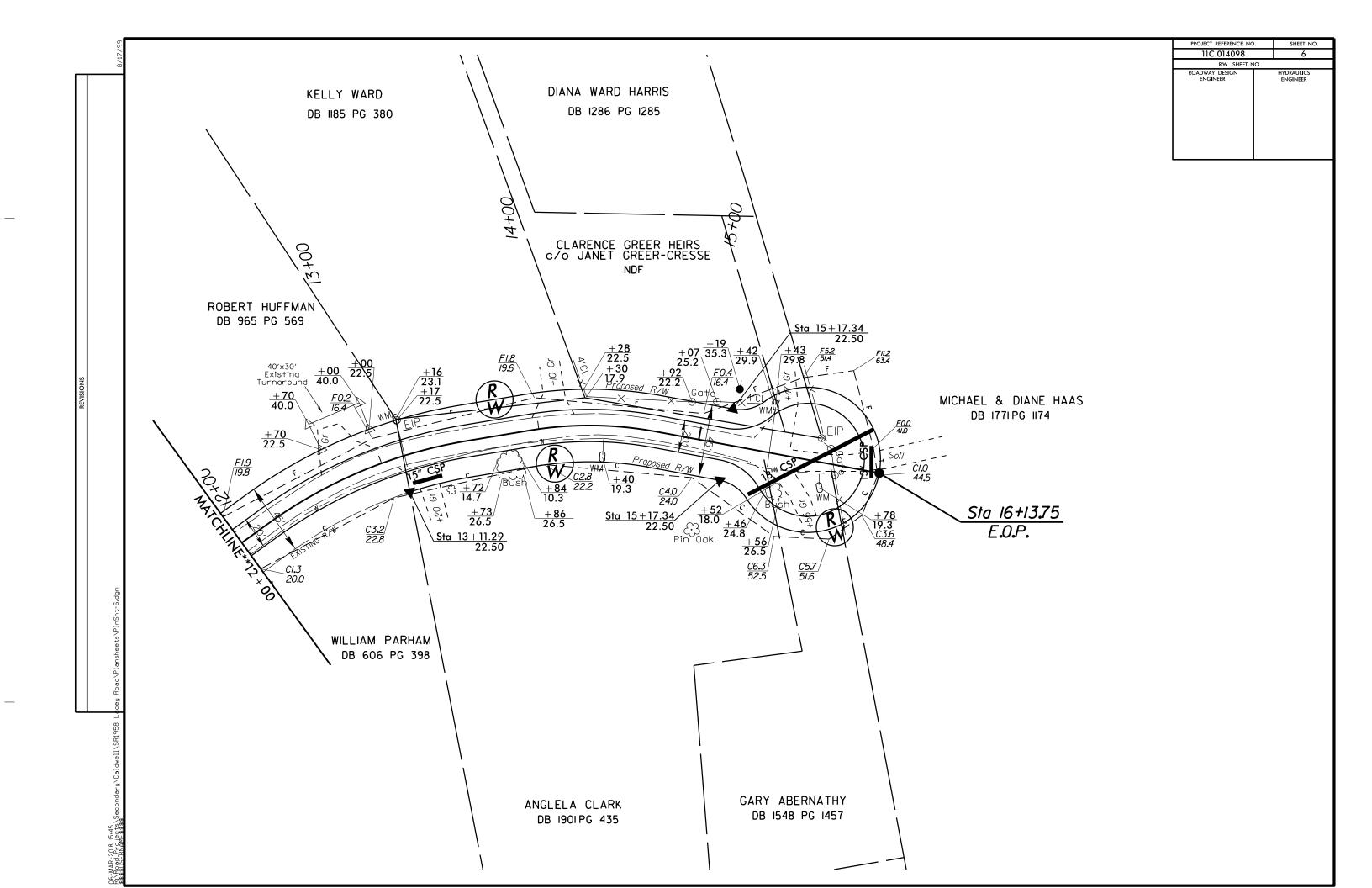
revised: 03/01/18

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48" & UNDER)

NEW PIPES												EXISTING PIPES								28		S		
SIZE	LOCATION (LT, RT, OR CL)	DRAINAGE PIPE (RCP, CSP, CAAP, HDPE, OR PVC)																		DROP INLET STD. 840.19 OR STD. 840.28	D.I.FRAME AND GRATE STD. 840.22	J.B. STD. 840.31 OR 840.32	838.05	
		12"	15"	18"	24"	30"	36"	42"	48"		12"	15"	18"	24"	30"	36"	42"	48"	PIPE REMOVAL	INLET 40.19 OR	AME AND 40.22	rD. 840.31	ENDWALL STD. 838.05 (CUBIC YARDS)	
TYPE	CAI																		E H	9 G	E. 8.	.S.	N DIS	
STATION 4+27	TI Z S		40'																			3	<u></u> 町 の	REMARKS ADD
4+27	LI		40																0'	1	1			ADD
9+21	CL			43'									39'						39'					REPLACE
9+63	RT		20'									20'							20'					REPLACE
10+58	RT		20'									20'							0' 20'					REPLACE
13+25	RT		20'																0'					ADD
15+72	CL			88'															0'					ADD
																			0'					
16+08	CL		20'																0'					ADD
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				131'		0'		0'	0'	251'	0'	40'												





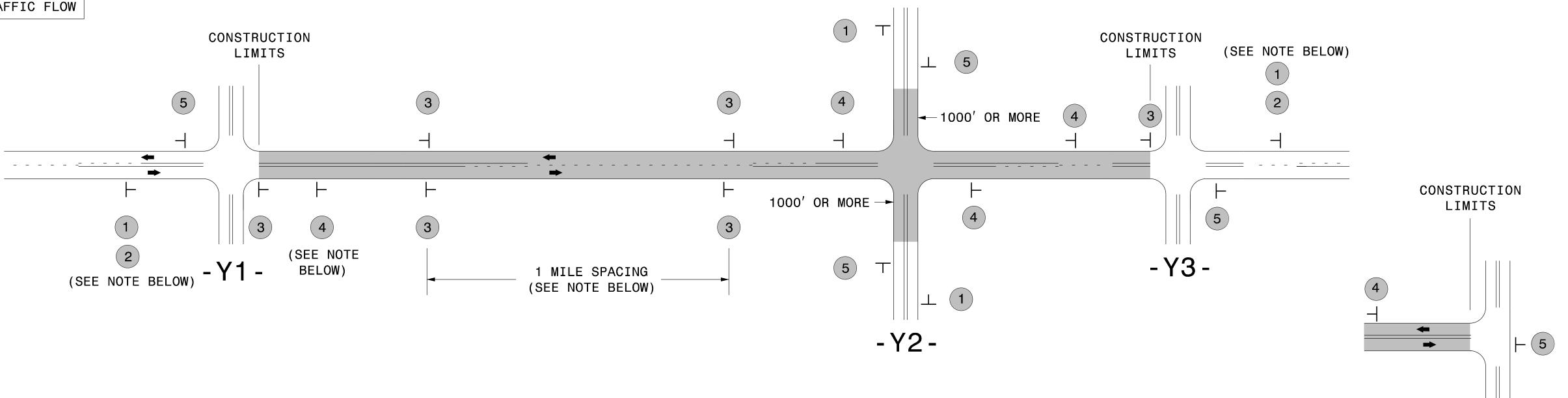


PROJ. REFERENCE NO. SHEET NO.

SIGNING FOR RESURFACING PROJECTS



← DIRECTION OF TRAFFIC FLOW



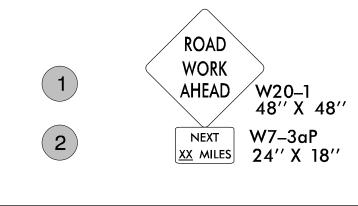
MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

G NOTES AND PER DIRECTION

IGNIN

SO



PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS.
ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.

#2 SIGN ONLY USED WHEN CONSTRUCTION LIMITS ARE 2 OR MORE MILES IN LENGTH.
ROUND UP TO NEXT WHOLE NUMBER.(NO FRACTIONAL OR DECIMAL NUMBERS)



- PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACE 1 MILE APART THEREAFTER.
- AT TEE INTERSECTIONS INSTALL INITIALLY ½ MILE FROM INTERSECTION AND SPACE 1 MILE APART THEREAFTER.
- ROAD UNDER CONST SP 13106 48" X 48"

ROAD WORK

G20-2 A 48" X 24"

- THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS.
- DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS.
- INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE.
- FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH.
- A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.
 FOR TEE INTERSECTIONS, INSTALL WITHIN 500' +/- OF THE INTERSECTION
- END DIAGE FOO' FOLLOWING T

ALONG -L- LINE.

PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS OR AS SHOWN WHEN WORK ENDS AT A 3-WAY TEE INTERSECTION.

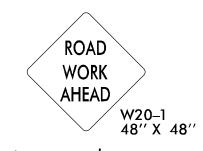
THE ABOVE SIGNS ARE ALL THAT ARE REQUIRED FOR A CONTRACTOR TO BEGIN A RESURFACING CONTRACT. ANY ADDITIONAL SIGNS REQUESTED BY NCDOT DIVISIONS SHALL BE INSTALLED WITHIN 7 BUSINESS DAYS OF THE START OF CONTRACT WORK.

MAPS LESS THAN 2 MILES FOR RESURFACING MAPS WITH CONSTRUCTION LIMITS LESS THAN 2 MILES IN LENGTH, NO STATIONARY SIGNS ARE REQUIRED. USE PORTABLE "ROAD UNDER CONSTRUCTION" OR "ROAD WORK AHEAD" SIGNS IN LIEU OF STATIONARY ADVANCE WARNINGS SIGNS.

NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:

- 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE
- 2) SUBDIVISION ROADS
- 3) DEAD END ROADS

WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, PORTABLE ADVANCE WARNING SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.



PLACED 500' IN ADVANCE OF FLAGGER.



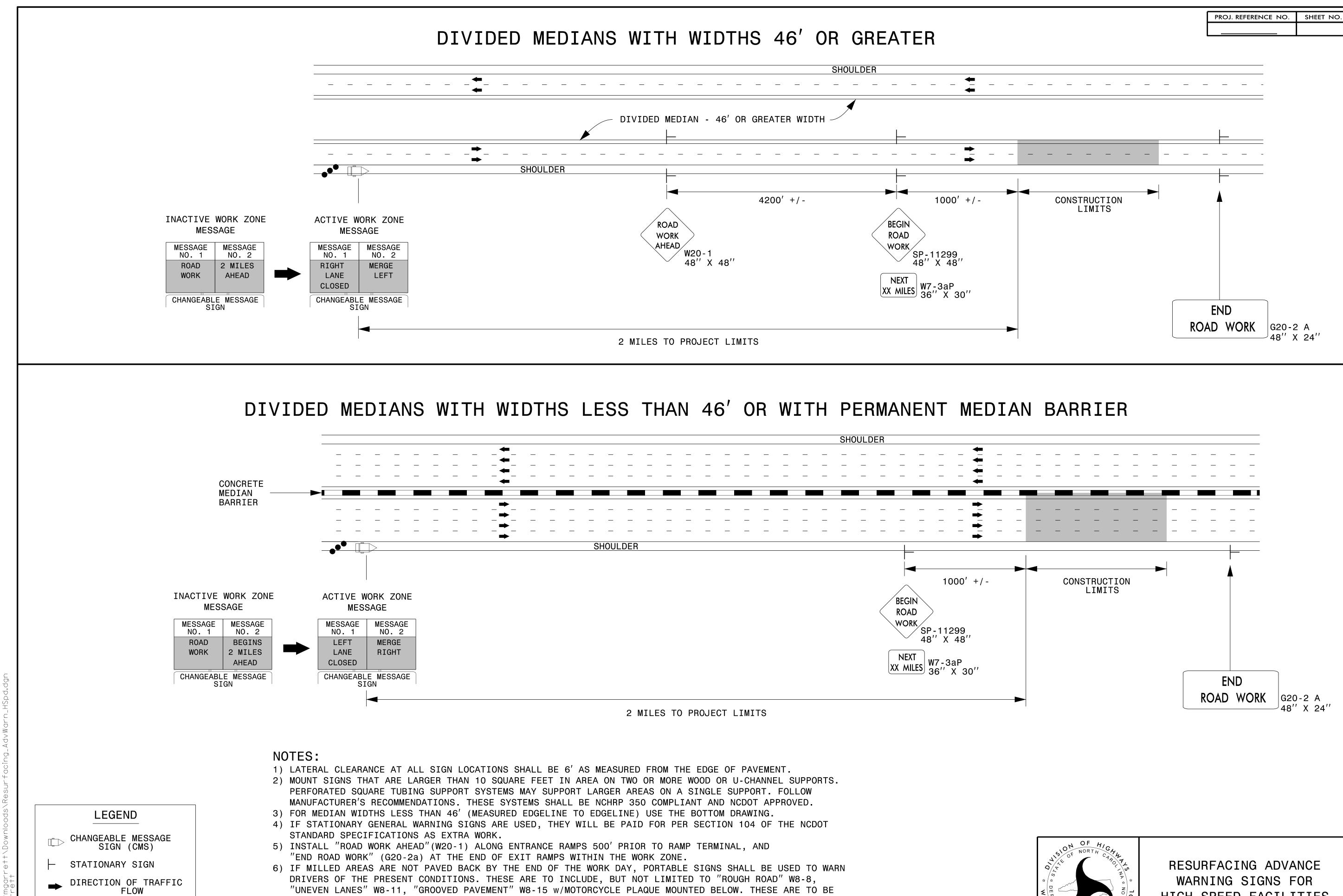
PLACED 250' IN ADVANCE OF FLAGGER.



ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2-LANE ROADWAY
RESURFACING

TEE INTERSECTION

ZICTRESULTACINGNZEZM & ASI RESULTACING DETAIISTRESULTACING_AAVWALN_ZEN.a Dis



DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER AND WITH DIVIDED MEDIANS

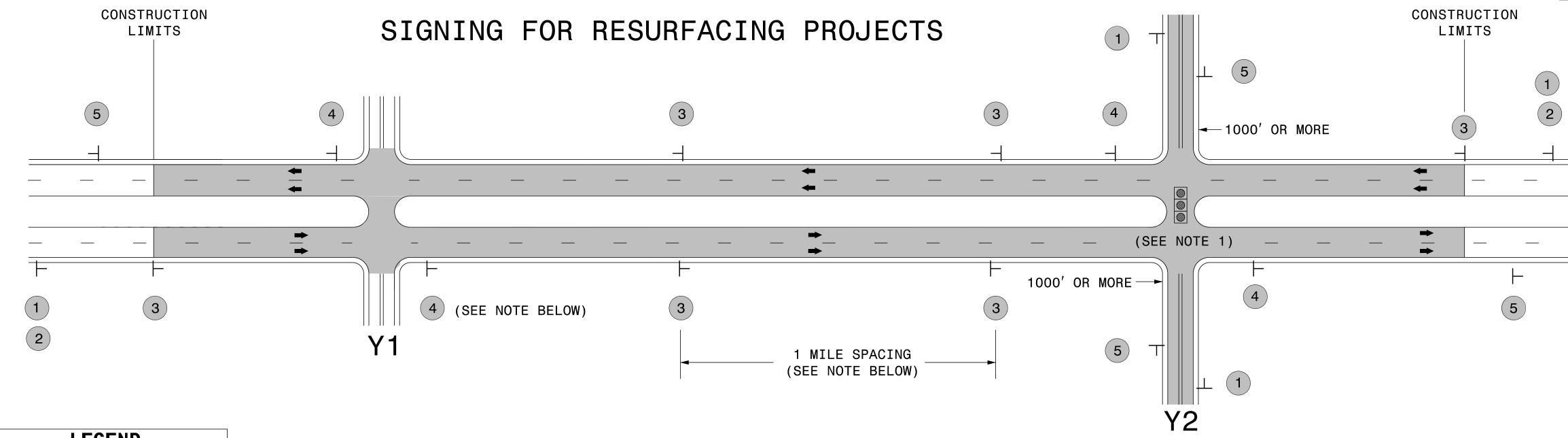
OF 46' OR GREATER. THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE

TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

TRAFFIC DRUM

HIGH SPEED FACILITIES ≥ 60 MPH

PROJ. REFERENCE NO.



LEGEND ├ STATIONARY SIGN

NO ER

IGNING

SO

← DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

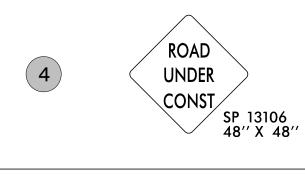
O AHEAD W20-1 ND A RE

PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.

XX MILES 24" X 18" ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)

LOW/SOFT SHOULDER / 48'' X 48''

PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET $\frac{1}{2}$ MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.



THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT SP 13106 48" X 48" INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.



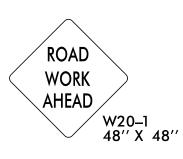
PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.

NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:

- 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE
- 2) SUBDIVISION ROADS
- 3) DEAD END ROADS

WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE

-Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.

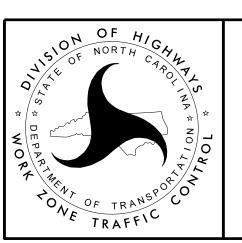




PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.

NOTES:

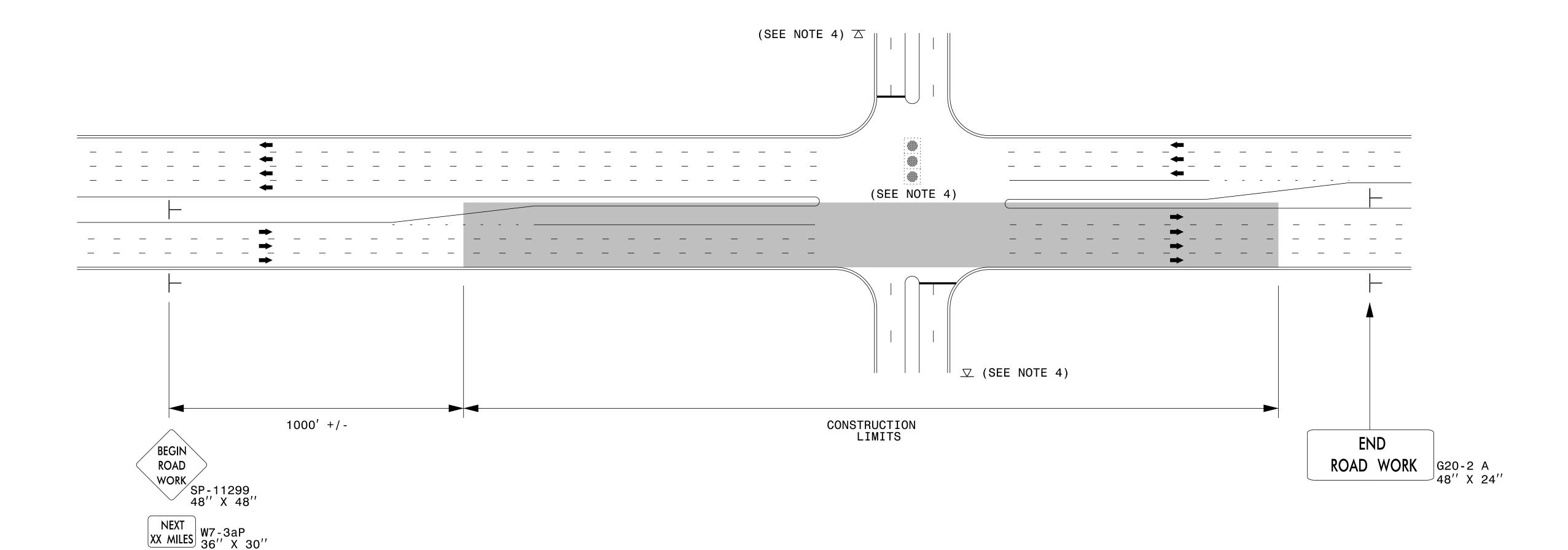
1) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.



RESURFACING ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN MULTI-LANE ROADWAYS W/ SHOULDER SECTIONS

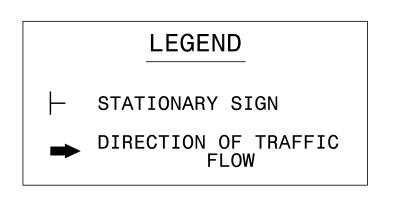
PROJ. REFERENCE NO. SHEET NO.

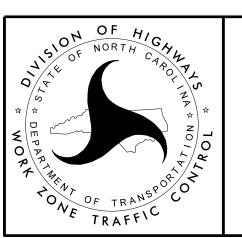
URBAN / SUBURBAN WORKZONES



NOTES:

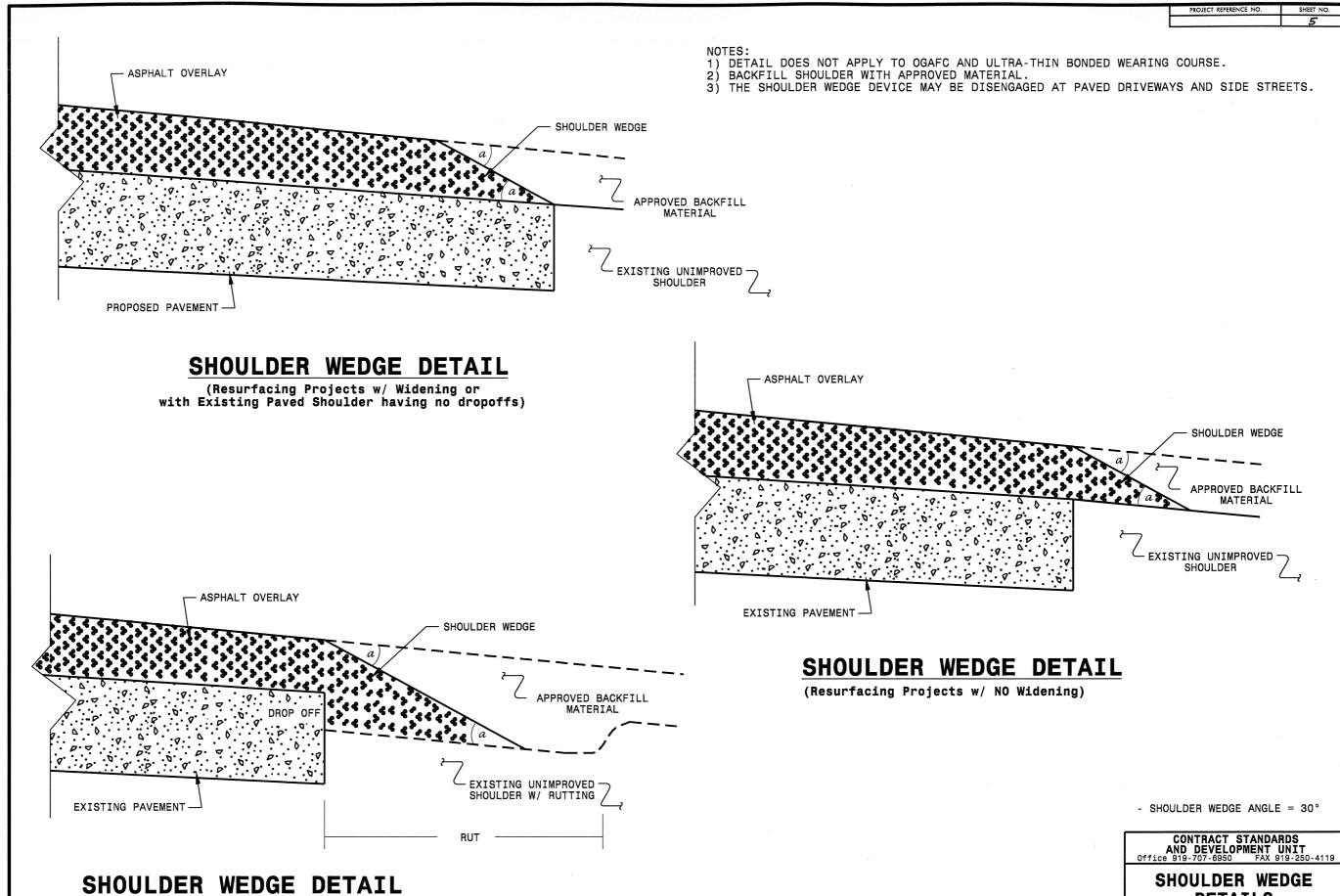
- 1) 48" x 48" SIZED SIGNS (SP- 11299) MAY BE REDUCED TO 36" X 36" ON ROADWAYS WITH SPEED LIMITS OF 40 MPH OR LESS.
- 2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. FOLLOW MANUFACTURER'S RECOMMENDATIONS. THESE SYSTEMS SHALL BE NCHRP 350 COMPLIANT AND NCDOT APPROVED.
- 3) ADVANCE WARNING SIGNS NOT REQUIRED ON NON-SIGNALIZED SIDE STREETS.
- 4) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.
- 5) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 2' AS MEASURED FROM THE EDGE OF PAVEMENT OR THE FACE OF THE CURB. WHEN UNABLE TO OBTAIN THE LATERAL CLEARANCE WITHIN THE MEDIAN AREA USE SHOULDER MOUNTS ONLY.
- 6) SIGN MOUNT LOCATIONS SHALL NOT BLOCK SIDEWALKS OR DRIVEWAYS.
- 7) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
- 8) IF MILLED AREAS ARE NOT PAVED BACK BY THE END OF THE WORK DAY, PORTABLE SIGNS SHALL BE USED TO WARN DRIVERS OF THE PRESENT CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO "ROUGH ROAD" W8-8, "UNEVEN LANES" W8-11, "GROOVED PAVEMENT" W8-15 w/MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER WHERE LATERAL CLEARANCE CAN BE OBTAINED WITHIN THE MEDIAN AREAS.THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.





RESURFACING ADVANCE
WARNING SIGNS FOR
URBAN / SUBURBAN
FACILITIES

STINGAL ELL VDOMINOAGSTRAGINGLAGVWALTION SA (ZZ.AGI) Jarrett



DETAILS

ORIGINAL BY: MODIFIED BY:

(Resurfacing Adjacent to Rutted Shoulder)