11-06-2026 LETTING ITEM 057

INDEX OF SHEETS

SHEET NO.	SHEET NAME
1	COVER SHEET
2-3	GENERAL NOTES AND SUMMARY OF QUANTITIES
4-8	TYPICAL SECTION & PAVING DETAILS
9-11	SCHEDULE OF QUANTITIES AND DETAILS
12-23	OLD RIVER ROAD RESURFACING PLANS
24-30	OLD RIVER ROAD CULVERT REPLACEMENT PLANS
31-42	OLD RIVER ROAD PAVEMENT MARKING PLANS

STANDARDS

STD. NO.	STD. TITLE
406201-01	MAILBOX TURNOUT
442201-04	CLASS C & D PATCHES
482011-03	HMA SHLD. STRIPS/SHLDS. W RESURFACING OR WIDENING AND RESURFACING PROJECTS
542301-03	PRECAST REINFORCED CONCRETE FLARED END SECTIONS
542306-03	PRECAST REINFORCED CONCRETE ELLIPTICAL FLARED END SECTIONS
602306-03	INLET - TYPE B
602421-09	PRECAST MANHOLE TYPE A 9' DIAMETER
604041-03	FRAME AND GRATE TYPE 9
606101-05	TYPE A GUTTER (INLET, OUTLET & ENTRANCE)
630001-13	STEEL PLATE BEAM GUARDRAIL
630101-11	STRONG POST GUARDRAIL ATTACHED TO CULVERT
630201-07	PCC-HMA STABILIZATION AT STEEL PLATE BEAM GUARDRAIL
630301-09	SHOULDER WIDENING FOR TYPE 1 GUARDRAIL TERMINALS
631006-08	TRAFFIC BARRIER TERMINAL TYPE 1B
635001-02	DELINEATORS
642006-01	SHOULDER RUMBLE STRIPS, 8 IN.
701001-02	OFF ROAD OPERATIONS, 2L, 2W, MORE THAN 15' AWAY
701006-05	OFF-RD OPERATIONS, 2L, 2W, 15' TO 24" FROM PAVEMENT EDGE
701011-04	OFF-RD OPERATIONS, 2L, 2W, DAY ONLY
701201-05	LANE CLOSURE, 2L, 2W, DAY ONLY, FOR SPEEDS >= 45 MPH
701301-04	LANE CLOSURE, 2L, 2W, SHORT TIME OPERATIONS
701306-04	LANE CLOSURE, 2L, 2W, SLOW MOVING OP. - DAY ONLY FOR SPEEDS >= 45MPH
701311-03	LANE CLOSURE, 2L, 2W, MOVING OPERATIONS - DAY ONLY
701326-04	LANE CLOSURE, 2L, 2W, PAVEMENT WIDENING FOR SPEEDS >= 45 MPH
701901-11	TRAFFIC CONTROL DEVICES
720001-01	SIGN PANEL MOUNT DETAILS
720006-04	SIGN PANEL ERECTION DETAILS
720011-01	METAL POSTS FOR SIGNS, MARKERS & DELINEATORS
728001-01	TELESCOPING STEEL SIGN SUPPORT
729001-01	APPLICATIONS OF TYPE A AND B METAL POSTS
731001-01	BASE FOR TELESCOPING STEEL SIGN SUPPORT
780001-05	TYPICAL PAVEMENT MARKINGS
782006-01	GUARDRAIL AND BARRIER WALL REFLECTOR MOUNTING DETAILS
BLR 21-9	TYPICAL APPLICATION OF TRAFFIC CONTROL DEVICES FOR CONSTRUCTION ON ...

STATE OF ILLINOIS

WINNEBAGO COUNTY HIGHWAY DEPARTMENT

PLANS FOR OLD RIVER ROAD RESURFACING

FAU 9886 (OLD RIVER RD)
PROJECT NO. 6TSR(845)
JOB NO. C-92-064-24
CONTRACT NO. 85800

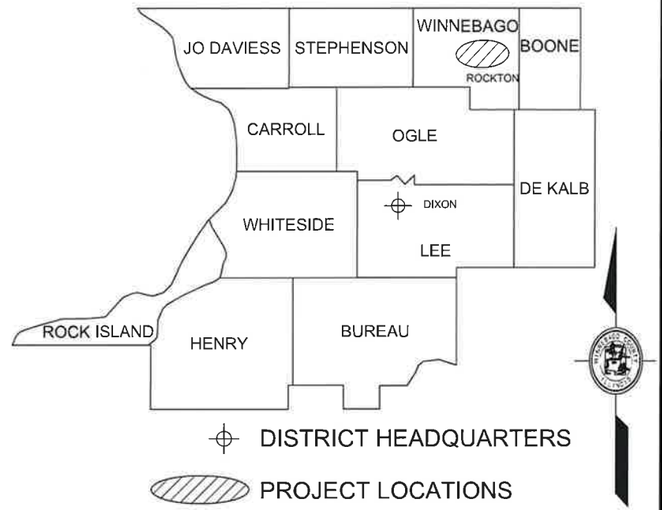
SECTION NO.: 23-00724-00-RS



23-00724-00-RS PROJECT ENDS
STA 147+00

SN 101-5110
STA 26+45

23-00724-00-RS PROJECT BEGINS
STA 0+50



OLD RIVER ROAD: 14,700 FT = 2.78 MILES
OLD RIVER ROAD OMISSION: 0.00 FT = 0.00 MILES
NET PROJECT LENGTH: 14,700 FT = 2.78 MILES

ADT: 2,900 TO 3,000 (2026) 10% TRUCKS
FUNCTIONAL CLASSIFICATION: MAJOR COLLECTOR
DESIGN SPEED: 55 MPH (POSTED SPEED LIMIT : 30 MPH)
DESIGN POLICY: LOCAL AGENCY FUNCTIONAL OVERLAY (LAFO)

CALL J.U.L.I.E.

BEFORE YOU DIG
1-800-892-0123

ROCKTON TWP (T46N - R1E)
SEC - 19, 24, 25, 30,31& 36

DESIGN ENGINEER(S):

VIRENDRA A. PATEL
062-058586
LICENSED PROFESSIONAL ENGINEER
7-30-26
STATE OF ILLINOIS
EXPIRE DATE 11-30-2027

THESE PLANS PREPARED BY:
WINNEBAGO COUNTY HIGHWAY DEPARTMENT

APPROVED 7/30 20 26
WINNEBAGO COUNTY ENGINEER

PASSED August 20 20 26
DISTRICT 2 ENGINEER OF LOCAL ROADS & STREETS

RELEASING FOR BID BASED ON LIMITED REVIEW 08/20 20 26
DEPUTY DIRECTOR OF HIGHWAYS, REGION 2 ENGINEER

GENERAL NOTES

GENERAL NOTES AND CONDITIONS

The scale shown on the drawings applies only to the full size plans and not reduced size plans.

The Contractor shall field verify the elevations of the benchmarks prior to commencing work. The Contractor shall also field verify location, elevation and size of existing work. The contractor shall field verify horizontal control by referencing shown coordinates to known property lines. Notify the Engineer of discrepancies in either vertical or horizontal control prior to proceeding with work.

CAD data will be available to Contractors and Consultants working on this project. This information will be provided upon request as AutoDesk Civil 3D CAD files ONLY. If data is required in other formats it will be the responsibility of the Contractor to make these conversions. If any discrepancy or inconsistency arises between the electronic data and the information on the hard copy, the information on the hard copy should be used. Contact the Project Engineer to request these files.

Where section or subsection monuments are encountered, the Engineer shall be notified before such monuments are removed. The Contract shall protect and carefully preserve all property markers, monuments and right-of-way pins until the owner, an authorized surveyor, or agent has been witnessed or otherwise referenced their location.

UTILITIES

Exact horizontal and vertical locations of existing utilities shall be determined by the Contractor at no additional cost to the contract. Locations and depths shown on these plans are only schematic representation.

Abandoned underground utilities that conflict with construction or have the potential for creating future problems shall be disposed of outside the limits of the right-of-way according to Article 202.03 of the standard specifications and as directed by the Engineer. This work will not be paid for separately but shall be considered incidental no additional compensation will be allowed.

It shall be the Contractor's responsibility to contact the municipality to determine approved methods of utility structure adjustment. Utility structures may include, but are not limited to, manholes, water valves, handholes, etc. All materials and work necessary to complete adjustments per municipality requirements shall be considered included in the cost of the associated adjustment pay item.

The Contractor shall be responsible for protecting utility property during construction operations as outlined in Article 107.39 of the Standard Specifications. The phone number for J.U.L.I.E. is 800-892-0123. The utilities located within the project limits or immediately adjacent to the project construction limits are members of J.U.L.I.E.

Frontier (North)
c/o Kalin Hinshaw
Kalin Hinshaw @FTR.com
(815) 895-1515

Metro Fibernet, LLC
811design@metronet.com
(812) 213-1050

Rock Energy Coop
c/o Bud Booth
Budb@Rock.coop
(608) 531-6577

COMCAST (XFINITY)
c/o Martha Gieras
martha_gieras@cable.comcast.com
(224) 229-5862

Rockton Public Works
c/o Jake Costello
Costello@RocktonVillage.com
(815) 624-2800

NIcor Gas
Charles Parrott
gasmaps@aglresources.com
(630) 388-3319

VIllege of Rockton
c/o Adam Bunge
Adam.Bunge@Civilideas.com
(815) 501-0829
(815) 378-6332

Commonwealth Edison
plansubmittalsandMapRequests@exeloncorp.com
(630) 576-7094

The Contractor shall contact Jake Costello of theRockton Public Works at (815) 624-2800 prior to performing any sanitary sewer work, including work that will be performed beneath sanitary sewers or work that will be performed above sanitary sewers with less than 18 inches of vertical separation.

If existing sanitary manholes to be adjusted the Rockton Public Works shall be contacted prior to adjustment for replacement frames and lids.

GRADING, EARTH EXCAVATION, & EMBANKMENT NOTES

All Borrow/Waste/Use sites must be approved by the Engineer prior to removing any material from the project or initiating any earthmoving activities, including temporary stockpiling outside the limits of construction.

The final top four inches of soil in any right-of-way area disturbed by the Contractor must be a cohesive soil capable of supporting vegetation.

The Contractor shall use care in grading or excavating near any and all existing items which are not indicated to be removed. Any damage done to existing items by the Contractor's operations shall be repaired at no additional expense to the owner.

The Contractor shall seed all disturbed areas within the project limits. Seeding 2A shall be used. Class 2A shall be used on front slopes and ditch bottoms. 2A shall be used behind Type A gutter, on all backslopes and areas behind the backslope, and beyond the toe of front slope on fill sections without ditches.

DRAINAGE & PAVING NOTES

The Contractor is responsible for maintaining positive drainage at the conclusion of each working day.

Culvert & bridge flows must be maintained throughout the project. Normal flow shall be allowed to pass at the rate it enters the jobsite. High flows shall be allowed to pass without causing damage to upstream properties.

Delineators shall be installed as shown in Standard 635001, except that the post shall be rotated 180 and only metal-backed delineators shall be permitted. Delineators shall be placed at the ends of approach guardrail terminal sections, and at each headwall or end section of AR Culverts. This work will be paid for at the contract unit price each for DELINEATORS.

The area to be primed shall be limited to that which can be covered with HMA the same day, unless otherwise permitted by the Engineer.

Where proposed construction abuts existing appurtenances, a saw cut shall be made to achieve a neat butt joint. Saw cutting shall be done in accordance with the applicable portions of Section 442 of the Standard Specifications and as directed by the Engineer. All saw cutting, including but not limited to, saw cuts for removals, patching, butt joints, and construction staging shall not be paid for separately, but shall be considered as included in the various items for removal.

The Contractor shall construct all private driveways and field entrances in accordance with the plans. The Contractor is responsible to maintain access to all existing driveways during all stages of construction.

The Contractor, at his own expense, shall relocate, to the satisfaction of the Engineer, all mailboxes in accordance with Article 107.20 of the Standard Specifications that interfere with the proposed work or with construction operations. Emergency access, garbage pick-up, and mail service shall be maintained at all times. It will be the contractor's responsibility to notify residents when access to their driveways will be temporarily closed due to curb and gutter and / or driveway replacement. The Contractor shall distribute notices provided by the County to residents. Every effort shall be made to accommodate access to these properties including knocking on doors when driveways are about to be closed.

SUMMARY OF QUANTITIES

Construction Type Code : 0005				
ITEM NO.	PAY CODE NUMBER	ITEMS	UNIT	QUANTITY
1	20200600	EXCAVATING AND GRADING EXISTING SHOULDER	UNIT	302
2	20201200	REMOVAL AND DISPOSAL OF UNSUITABLE MATERIAL	CY	15
3	20800150	TRENCH BACKFILL	CY	137
4	25000210	SEEDING CL 2A	ACRE	0.24
5	25000400	NITROGEN FERTILIZER NUTRIENT	POUND	24
6	25000500	PHOSPHORUS FERTILIZER NUTRIENT	POUND	24
7	25000600	POTASSIUM FERTILIZER NUTRIENT	POUND	24
8	25100115	MULCH, METHOD 2	ACRE	0.24
9	28100803	STONE DUMPED RIPRAP, CLASS A2	TON	3
10	28200200	FILTER FABRIC	SY	5
11	30300112	AGGREGATE SUBGRADE IMPROVEMENT 12"	SY	75
12	35600670	HOT-MIX ASPHALT BASE COURSE WIDENING, 5"	SY	11,338
13	40201000	AGGREGATE FOR TEMPORARY ACCESS	TON	10
14	40600290	BITUMINOUS MATERIALS (TACK COAT)	POUND	29,344
15	40600370	LONGITUDINAL JOINT SEALANT	FT	20,682
16	40600982	HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT	SY	1,245
17	40600990	TEMPORARY RAMP	SY	249
18	40602978	HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50	TON	4,574
19	40604060	HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D", N50	TON	4,574
20	40800050	INCIDENTAL HOT-MIX ASPHALT SURFACING	TON	704
21	44000400	GUTTER REMOVAL	FOOT	1,545
22	44000600	SIDEWALK REMOVAL	SF	646
23	44201745	CLASS D PATCHES, TYPE III, 8 INCH	SY	76
24	44201747	CLASS D PATCHES, TYPE IV, 8 INCH	SY	100
25	48102100	AGGREGATE WEDGE SHOULDER, TYPE B	TON	1,303
26	50102400	CONCRETE REMOVAL	CY	7
27	50105220	PIPE CULVERT REMOVAL	FT	418
28	54001001	BOX CULVERT END SECTIONS, CULVERT NO. 1	EA	2
29	54001002	BOX CULVERT END SECTIONS, CULVERT NO. 2	EA	2
30	54010803	PRECAST CONCRETE BOX CULVERT 8'x3'	FOOT	77

Construction Type Code : 0005				
ITEM NO.	PAY CODE NUMBER	ITEMS	UNIT	QUANTITY
31	54011004	PRECAST CONCRETE BOX CULVERT 10'x4'	FOOT	62
32	542A5470	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 15"	FT	30
33	542A5491	PIPE CULVERTS, CLASS A, TYPE 1 EQUIVALENT ROUND-SIZE 36"	FT	76
34	542A8209	PIPE CULVERTS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 24"	FT	72
35	542A5497	PIPE CULVERTS, CLASS A, TYPE 2 EQUIVALENT ROUND-SIZE 42"	FT	112
36	54214521	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQRS 36"	EA	2
37	54214509	PRECAST REINFORCED CONCRETE FLARED END SECTIONS, EQRS 24"	EA	2
38	54214527	PRECAST REINFORCED CONCRETE FLARED END SECTIONS,EQRS 42"	EA	3
39	60240303	INLETS, TYPE B, TYPE 9 FRAME AND GRATE	EA	1
40	60500060	REMOVING INLETS	EA	1
41	60602500	CONCRETE GUTTER, TYPE A	FOOT	1,545
42	60600095	CLASS SI CONCRETE (OUTLET)	CY	29
* 43	63000001	STEEL PLATE BEAM GUARDRAIL, TYPE A, 6 FOOT POSTS	FT	625
* 44	63000030	STRONG POST GUARDRAIL ATTACHED TO CULVERT	FT	50
* 45	63100167	TRAFFIC BARRIER TERMINAL, TYPE 1 (SPECIAL) TANGENT	EA	4
* 46	63500105	DELINEATORS	EA	14
47	64200108	SHOULDER RUMBLE STRIPS, 8 INCH	FT	23,882
48	67100100	MOBILIZATION	LSUM	1
49	X7010216	TRAFFIC CONTROL AND PROTECTION, (SPECIAL)	LSUM	1
* 50	78000100	THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS	SF	343
* 51	78000200	THERMOPLASTIC PAVEMENT MARKING - LINE 4"	FT	28,865
* 52	78000400	THERMOPLASTIC PAVEMENT MARKING - LINE 6"	FT	40,747
* 53	78000500	THERMOPLASTIC PAVEMENT MARKING - LINE 8"	FT	1,571
* 54	78000600	THERMOPLASTIC PAVEMENT MARKING - LINE 12"	FT	916
* 55	78000650	THERMOPLASTIC PAVEMENT MARKING - LINE 24"	FT	391
56	X5400005	BOX CULVERT REMOVAL	FOOT	38
57	X6420112	CENTERLINE - RUMBLE STRIP - 8"	FT	12,945
58	X6026056	SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID	EA	10
59	X5030226	CONCRETE STRUCTURES (SPECIAL)	L SUM	1
60	Z0013798	CONSTRUCTION LAYOUT	LSUM	1

* SPECIALTY ITEM

SUMMARY OF QUANTITIES NOTES:

1 Unit = 100 Feet

Saw cuts will not be measured and paid for separately but shall be considered as incidental to the contract and the installation of the pipe culvert. Quantity for this item shown in the schedule of quantities are provided only as an aid in estimation.

ROUTE	SECTION	SHEET
9886	23-00724-00-RS	4 of 42

OLD RIVER ROAD – TYPICAL SECTION

HMA MIXTURE CHART (MAINLINE)

MIXTURE USE (S):	SURFACE	BINDER COURSE	SHOULDER / BASE COURSE WIDENING
PG:	PG 64-22	PG 64-22	PG 64-22
DESIGN AIR VOIDS:	4.0% @ N50	4.0% @ N50	4.0% @ N50
MIXTURE COMPOSITION (GRADTION MIXTURE):	IL-9.5	IL-9.5	IL-19.0
FRICTION AGGREGATE:	MIX D	N/A	N/A
20 YEAR ESAL:	0.53	0.53	N/A
MIX UNIT WEIGHT:	112 LBS / SY / IN	112 LBS / SY / IN	N/A
MINIMUM LIFT THICKNESS:	1 ½ IN	1 ½ IN	2 ¼ IN

* NOTE: THIS DIMENSION IS FROM THE ORIGINAL SEC 147 MFT CONSTRUCTION PLANS WITH LIMITED FIELD VERIFICATION. THE AGGREGATE SHOULDER MAY NEED TO BE ADJUSTED IN THE FIELD DURING CONSTRUCTION TO CONFORM TO EXISTING DIMENSIONS & CONDITIONS.

*** NOTE: IF "DRIP LINES" (PAINT MARKS FOR LAYOUT OF LINES) BECOME NECESSARY TO ESTABLISH THE PLACEMENT OF THE RUMBLE STRIPS, THE DRIP LINES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONSTRUCTION LAYOUT FOR THIS ITEM.

PAVEMENT DESIGN

DATE: July 10, 2024
CALCULATIONS BY: VP
CHECKED BY: _____
CLASS II **ROADS AND STREETS**

LIMITS OF ANALYSIS:
STATION 0+50 **TO**
STATION 147+00
LENGTH: 14650 **FT** 2.77 **MILES**

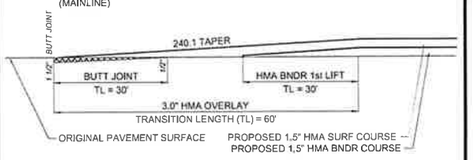
STRUCTURAL DESIGN TRAFFIC:
ADT 3,730 (2036)
PV 3,280 (88%)
SU 260 (7%)
MU 190 (5%)

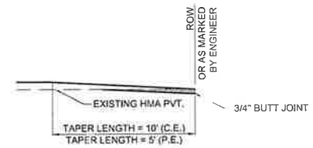
ROUTE: C.H. 64 (Old River Road)
SECTION: 23-00724-00-RS
COUNTY: Winnebago
LOCATION: North of Roscoe Road to IL -75

PAVEMENT DESIGN:
SUBGRADE SUPPORT RATING (SSR):
Poor **(FAIR, POOR, OR GRANULAR)**
FLEXIBLE TRAFFIC FACTOR: 0.50
SELECTED DESIGN PG BINDER: PG 64-22
DESIGN PAVEMENT HMA TEMP.: 76.0 °F
DESIGN HMA MODULUS (E_{AC}): 660 ksi
DESIGN HMA MICROSTRAIN: 130
PAVEMENT THICKNESS: 3" HMA Overlay
SUBGRADE: 12" Granular
COMMENTS: None

** NOTE: PRIOR TO PLACING TACK COAT, THE CONTRACTOR SHALL MECHANICALLY BROOM ALL EXISTING TYPE A GUTTER WITHIN THE PROJECT LIMITS AND ANY OTHER AREAS AS DIRECT BY THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT DETAIL
(MAINLINE)



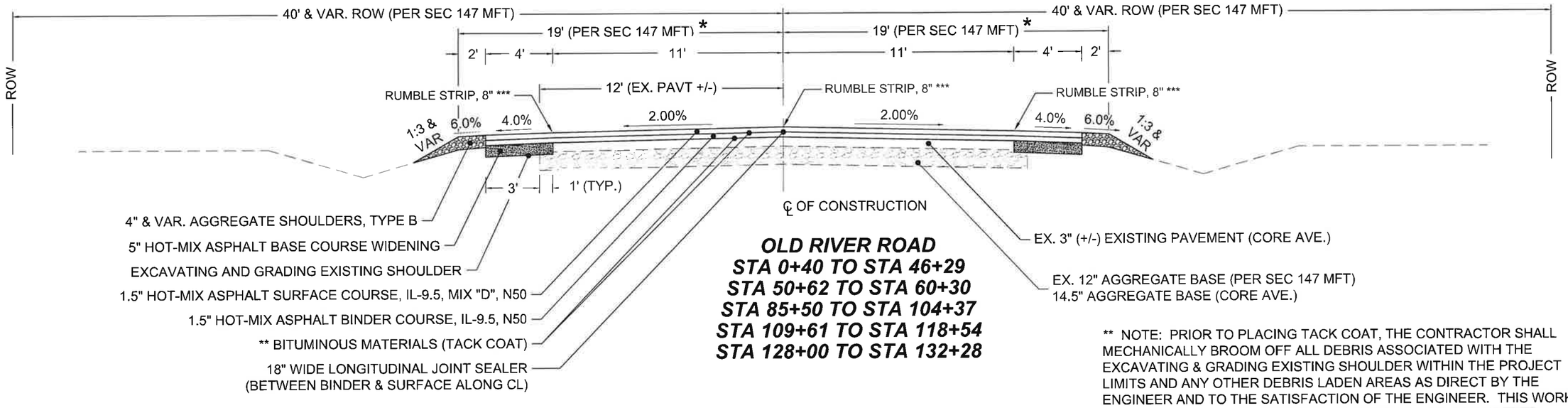


HOT-MIX ASPHALT SURFACE REMOVAL BUTT JOINT & TAPER DETAIL
(SIDE ROADS, CE'S AND PE'S ONLY)

NOTE:
THE THICKNESS OF INCIDENTAL BITUMINOUS SURFACING FOR ALL DRIVES SHALL BE 1.5" MINIMUM UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE ENGINEER.

BUTT JOINTS FOR CE & PE WILL BE MARKED BY THE ENGINEER AND WILL BE MEASURED IN PLACE AND PAID FOR AS PART OF THE HMA SURFACE REMOVAL - BUTT JOINT

OLD RIVER ROAD



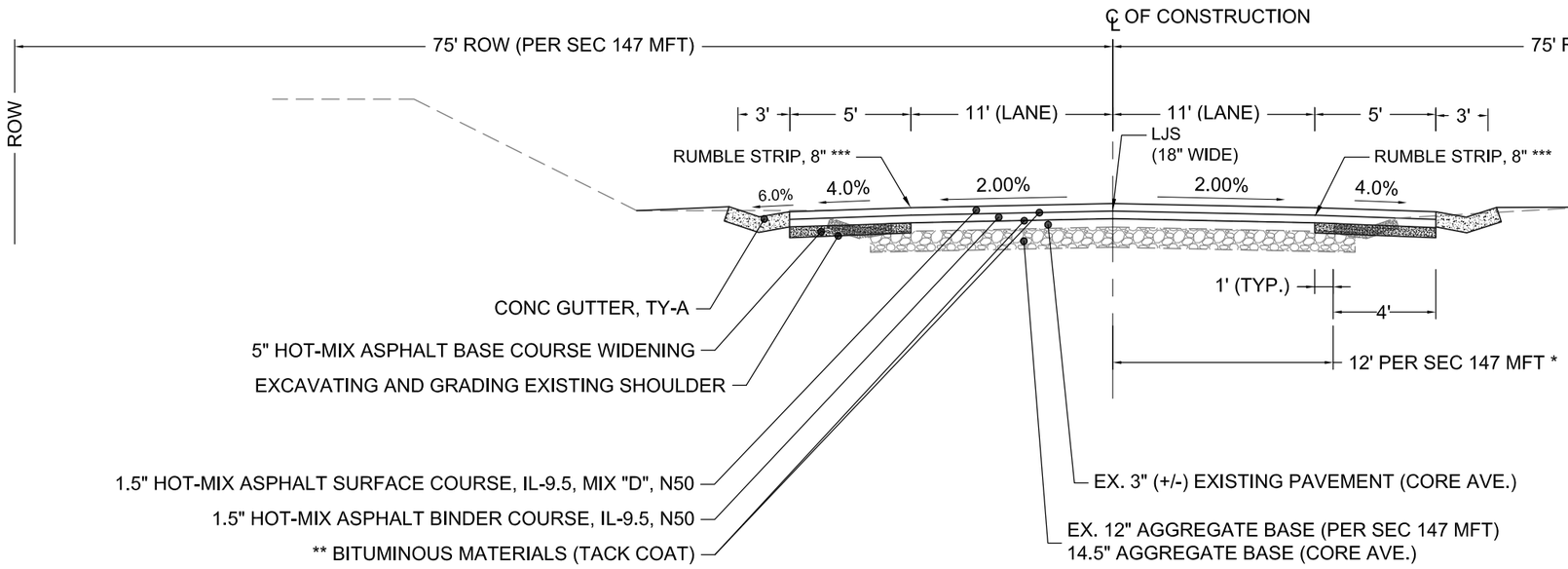
OLD RIVER ROAD
STA 0+40 TO STA 46+29
STA 50+62 TO STA 60+30
STA 85+50 TO STA 104+37
STA 109+61 TO STA 118+54
STA 128+00 TO STA 132+28

** NOTE: PRIOR TO PLACING TACK COAT, THE CONTRACTOR SHALL MECHANICALLY BROOM OFF ALL DEBRIS ASSOCIATED WITH THE EXCAVATING & GRADING EXISTING SHOULDER WITHIN THE PROJECT LIMITS AND ANY OTHER DEBRIS LADEN AREAS AS DIRECT BY THE ENGINEER AND TO THE SATISFACTION OF THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

TYPICAL SECTION & PAVING DETAILS (OLD RIVER ROAD)

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	9886	23-00724-00-RS	5 of 42
	OLD RIVER ROAD – TYPICAL SECTION		

OLD RIVER ROAD
STA 46+29 TO STA 50+62

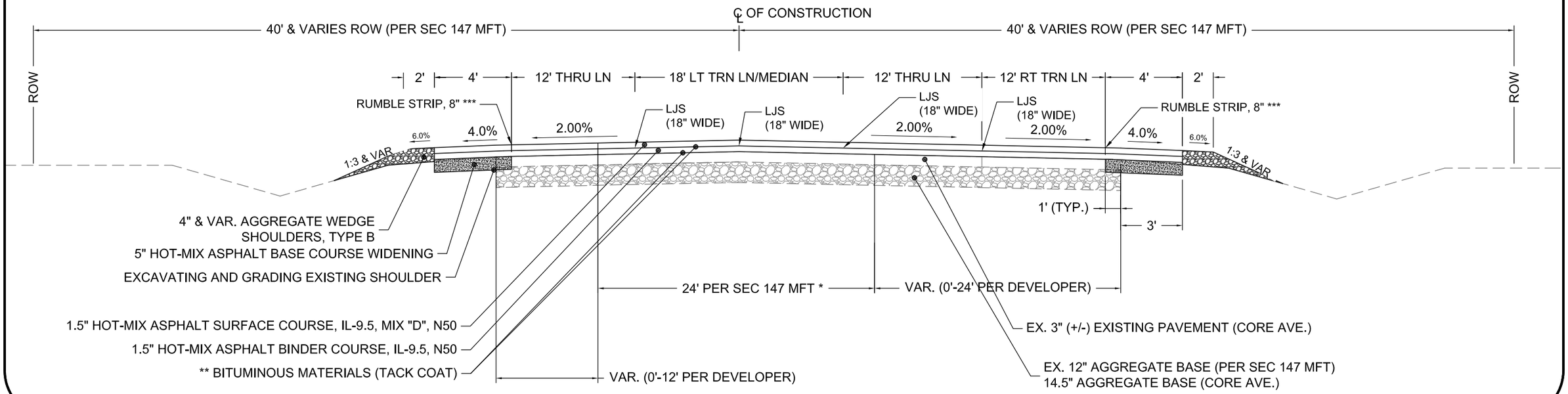


* NOTE: THIS DIMENSION IS FROM THE ORIGINAL SEC 147 MFT CONSTRUCTION PLANS WITH LIMITED FIELD VERIFICATION. THE AGGREGATE SHOULDER MAY NEED TO BE ADJUSTED IN THE FIELD DURING CONSTRUCTION TO CONFORM TO EXISTING DIMENSIONS & CONDITIONS.

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*** NOTE: IF "DRIP LINES" (PAINT MARKS FOR LAYOUT OF LINES) BECOME NECESSARY TO ESTABLISH THE PLACEMENT OF THE RUMBLE STRIPS, THE DRIP LINES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONSTRUCTION LAYOUT FOR THIS ITEM.

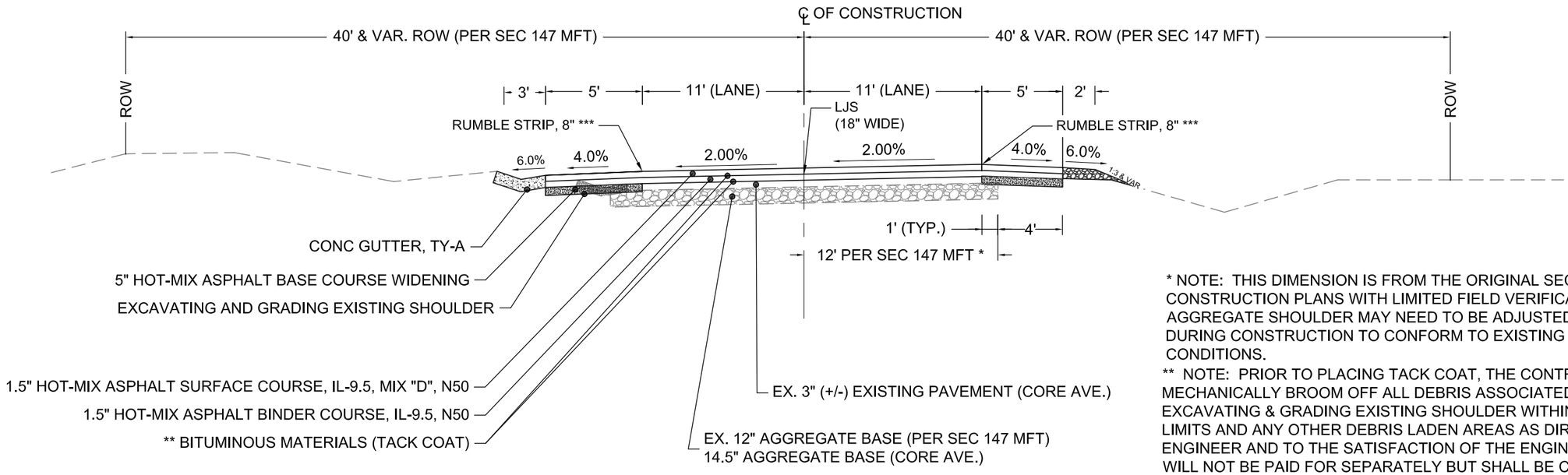
OLD RIVER ROAD
STA 60+30 TO STA 85+50



TYPICAL SECTION (OLD RIVER ROAD)

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	9886	23-00724-00-RS	6 of 42
	OLD RIVER ROAD – TYPICAL SECTION		

OLD RIVER ROAD
STA 104+37 TO STA 109+61



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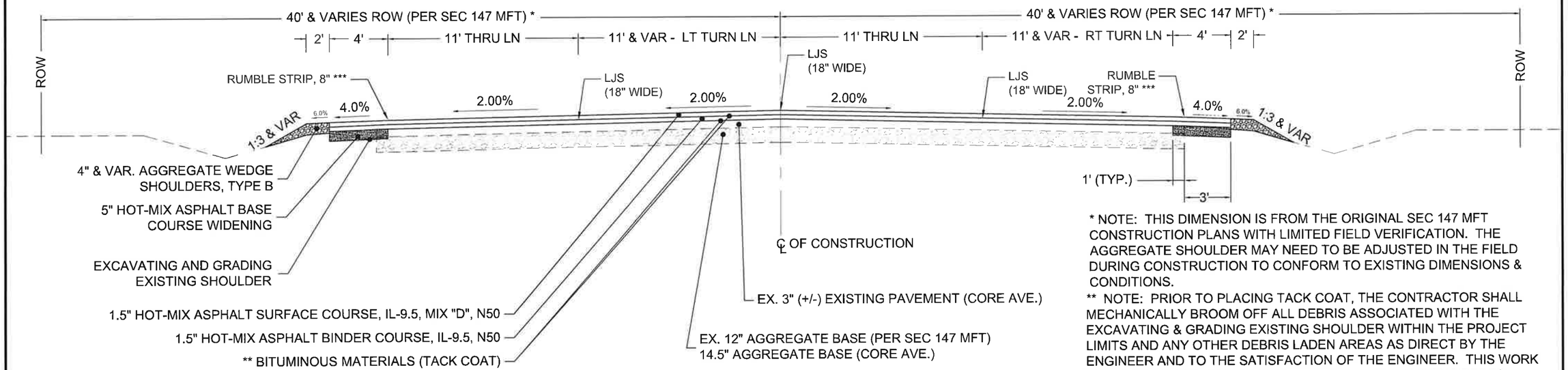
*** NOTE: IF "DRIP LINES" (PAINT MARKS FOR LAYOUT OF LINES) BECOME NECESSARY TO ESTABLISH THE PLACEMENT OF THE RUMBLE STRIPS, THE DRIP LINES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONSTRUCTION LAYOUT FOR THIS ITEM.

TYPICAL SECTION (OLD RIVER ROAD)

ROUTE	SECTION	SHEET
9886	23-00724-00-RS	7 of 42

OLD RIVER ROAD – TYPICAL SECTION

OLD RIVER ROAD
STA 118+54 TO STA 128+00
(AT ATHLETIC FIELD)

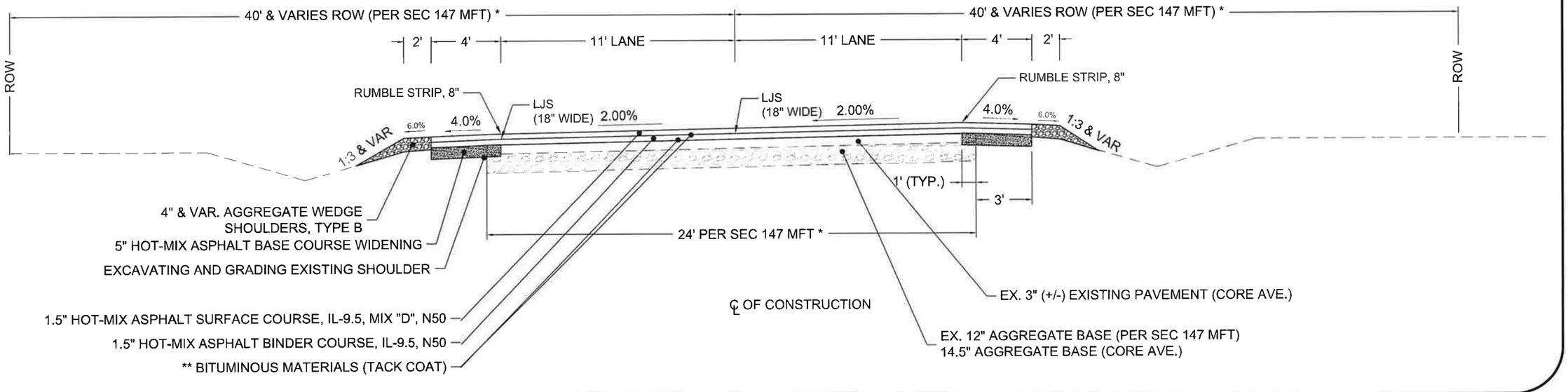


* NOTE: THIS DIMENSION IS FROM THE ORIGINAL SEC 147 MFT CONSTRUCTION PLANS WITH LIMITED FIELD VERIFICATION. THE AGGREGATE SHOULDER MAY NEED TO BE ADJUSTED IN THE FIELD DURING CONSTRUCTION TO CONFORM TO EXISTING DIMENSIONS & CONDITIONS.

** NOTE: PRIOR TO PLACING TACK COAT, THE CONTRACTOR SHALL MECHANICALLY BROOM OFF ALL DEBRIS ASSOCIATED WITH THE EXCAVATING & GRADING EXISTING SHOULDER WITHIN THE PROJECT LIMITS AND ANY OTHER DEBRIS LADEN AREAS AS DIRECT BY THE ENGINEER AND TO THE SATISFACTION OF THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

*** NOTE: IF "DRIP LINES" (PAINT MARKS FOR LAYOUT OF LINES) BECOME NECESSARY TO ESTABLISH THE PLACEMENT OF THE RUMBLE STRIPS, THE DRIP LINES WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED AS INCLUDED IN THE CONSTRUCTION LAYOUT FOR THIS ITEM.

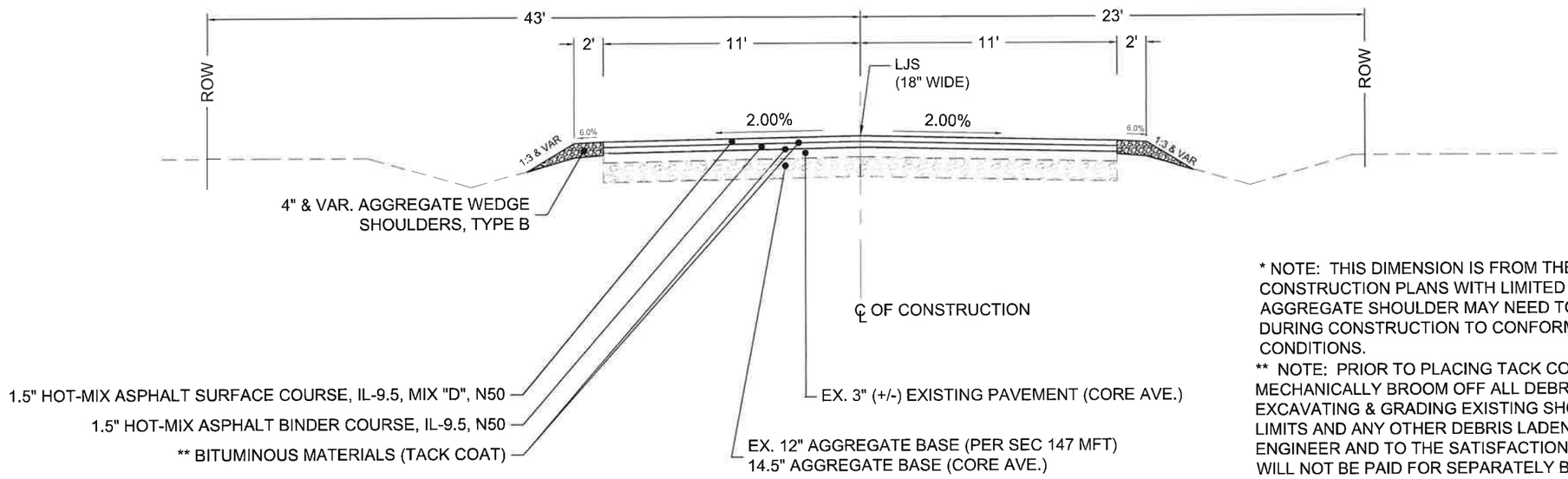
OLD RIVER ROAD
STA 132+28 TO STA 135+34
AT FERRY ST



TYPICAL SECTION (OLD RIVER ROAD)

WINNEBAGO COUNTY ILLINOIS	ROUTE	SECTION	SHEET
	9886	23-00724-00-RS	8 of 42
	OLD RIVER ROAD - TYPICAL SECTION		

OLD RIVER ROAD
STA 139+20 TO STA 147+00
(RUSSELL ST)

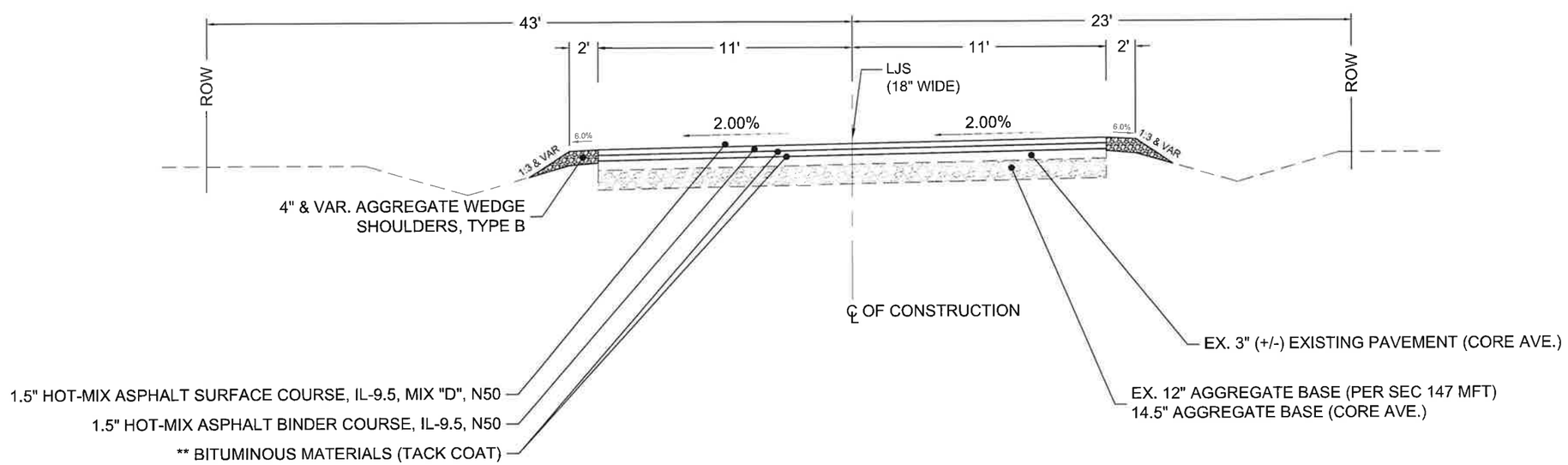


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** NOTE: PRIOR TO PLACING TACK COAT, THE CONTRACTOR SHALL MECHANICALLY BROOM OFF ALL DEBRIS ASSOCIATED WITH THE EXCAVATING & GRADING EXISTING SHOULDER WITHIN THE PROJECT LIMITS AND ANY OTHER DEBRIS LADEN AREAS AS DIRECT BY THE ENGINEER AND TO THE SATISFACTION OF THE ENGINEER. THIS WORK WILL NOT BE PAID FOR SEPARATELY BUT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

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OLD RIVER ROAD
STA 135+34 TO STA 139+20
RUSSELL ST (SUPER)

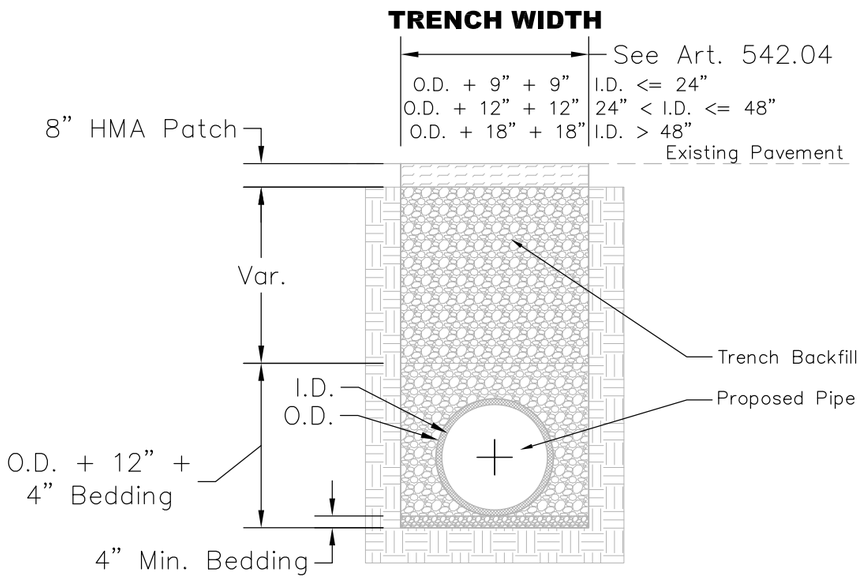


TYPICAL SECTION (OLD RIVER ROAD)

ACROSS ROAD (A/R) CULVERT ID	STATION	APPROXIMATE ADDRESS	ESTIMATED TRENCH WIDTH	ESTIMATED TRENCH DEPTH (INVERT - PAVT AT CL)	ESTIMATED TRENCH LENGTH (PAY LENGTH FOR TRENCH BACKFILL)	20800160 TRENCH BACKFILL (CY)	28100803 STONE DUMPED RIPRAP, CLASS A2 (TON)	28200200 FILTER FABRIC (SY)	44201745 CLASS D PATCHES, TYPE III 8" (SY)	44201747 CLASS D PATCHES, TYPE IV 8" (SY)	SAW CUTS	50102400 CONCRETE REMOVAL (CY)	50105220 PIPE CULVERT REMOVAL (FT)	542A5470 PIPE CULVERTS, CLASS A, TYPE 1 EQRS 15" (FT)	542A5491 PIPE CULVERTS, CLASS A, TYPE 1 EQRS 36" (FT)	542A8209 PIPE CULVERTS, CLASS A, TYPE 2 EQRS 24" (FT)	542A5497 PIPE CULVERTS, CLASS A, TYPE 2 EQRS 42" (FT)	54214521 PRC FLARED END SECTIONS, EQRS 36" (EA)	54214509 PRC FLARED END SECTIONS, EQRS 24" (EA)	54214527 PRC FLARED END SECTIONS, EQRS 42" (EA)	63500105 DELINEATORS (EA)	25000210 SEEDIND CL 2A (ACRE)	25000400 NITROGEN FERT NUTR (POUND)	25000500 PHOSPHORUS FERT NUTR (POUND)	25000600 POTASSIUM FERT NUTR (POUND)	25100115 MULCH, METHOD 2 (ACRE)	X6030226 CONCRETE STRUCTURE, SPECIAL (L SUM)	54011004 PRECAST CONCRETE BOX CULVERT 10'x4' (FOOT)	54001001 BOX CULVERT END SECTION CULVERT No. 1 (EA)	X6400005 BOX CULVERT REMOVAL (FOOT)	54010803 PRECAST CONCRETE BOX CULVERT 8'x3' (FOOT)	54001002 BOX CULVERT END SECTION CULVERT No.2 (EA)	63000001 SPBGR TY A 6 FT POSTS (FT)	63000030 SPBGR ATT TO CULVERT (FT)	63100167 TR BAR TRMT1 SPL TAN (EA)	60240303 INLETS TB T9 F&G (EA)	60500060 REMOVING INLETS (EA)
UNITS			FT	FT	FT	CY	TON	SY	SY	SY	FT	CY	FT		FT	FT	FT	EA	EA	EA	EA	ACRE	LBS	LBS	LBS	ACRE	L SUM	FT	EA	FOOT	FT	EA	FT	FT	EA	EA	EA
64-15	26+46	11062 Old River Road	n/a	n/a																	2						1						625	50	4		
64-16	41+00	11313 Old River Rd	18"+3"+24"+3"+18"=66" (5.5')	5.95	37	29.8	0	0	17	0	24	0	72		0	72	0	0	2	0	2	0.03	3	3	3	0.03											
64-17	59+65	11577 Old River Rd	18"+4.50"+42"+4.5"+18"=87" (7.25')	8.5	36	54.8	3	5	22	0	24	0	54		0	0	54	0	0	1	2	0.03	3	3	3	0.03											
64-18	84+28	12102 Old River Rd	0	0	0	0	0	0	0	50	48	0			0	0	0	0	0	0	2	0.06	6	6	6	0.06		62	2	38							
64-19	98+95	12336 Old River Rd	18"+4.5"+42"+4.5+18"=87" (7.25')	6	34	28.0	0	0	18.3	0	22	0	72		0	0	58	0	0	2	2	0.03	3	3	3	0.03											
64-20	117+86	4129 Old River Rd	18"+4"+36"+4"+18"=80" (6.67')	5.18	34	24.4	0	0	19.1	0	22	0	47.4		76	0	0	2	0	0	2	0.03	3	3	3	0.03											
64-21	134+42	12899 Old River Rd	0	0	0	0	0	0	0	50	48	7	142		0	0	0	0	0	0	2	0.06	6	6	6	0.06					77	2					
107+30 (17'L) TO 107+60 (32'L)													30	30																							
107+30 (17'L)																																				1	1
Quantity Total						137	3	5	76	100	188	7	418	30	76	72	112	2	2	3	14	0.24	24	24	24	0.24	1	62	2	38	77	2	625	50	4	1	1

NOTE:

Saw cuts will not be measured and paid for separately but shall be considered as incidental to the contract and the installation of the pipe culvert, Precast Concrete Box Culvert of Size and storm sewer. The quantities are shown in the schedule as an aid in estimation.



TRENCH DETAIL

60602500 - CONCRETE GUTTER, TYPE A

OLD RIVER ROAD		
STA	OFFSET	COMB CURB GUTTER REM (FT)
45+97 TO 50+96	12' RT	499
45+97 TO 50+97	12' LT	499
104+37 TO 109+84	12' LT	547
Total		**1,545**

60600095 - CLASS SI CONCRETE OUTLET

OLD RIVER ROAD		
STA	OFFSET	CLASS SI CONCRETE OUTLET (CY)
45+98 through 46+69	RT	5.94
45+98 through 46+70	LT	5.94
50+22 through 50+96	RT	5.94
50+22 through 50+97	LT	5.94
109+25 through 109+86	LT	5.22
Total		***29***

X6026057 - SANITARY MANHOLES TO BE ADJUSTED WITH NEW TYPE 1 FRAME, CLOSED LID

OLD RIVER ROAD		
STA	TYPE	SAN MH ADJ NEW T1F CL (EA)
143+60, 7' LT	SANITARY MANHOLE	1.0
134+92, 20' LT	SANITARY MANHOLE	1.0
137+17, 0.4' RT	SANITARY MANHOLE	1.0
139+97, 3' LT	SANITARY MANHOLE	1.0
121+25, 24' LT	SANITARY MANHOLE	1.0
121+81, 22' LT	SANITARY MANHOLE	1.0
124+72, 22' LT	SANITARY MANHOLE	1.0
77+62, 25' RT	SANITARY MANHOLE	1.0
54+70, 14' RT	SANITARY MANHOLE	1.0
62+14, 29' RT	SANITARY MANHOLE	1.0
Total		**10.00**

20201200 - REMOVAL & DISPOSAL OF UNSUITABLE

OLD RIVER ROAD	
STA - STA	REM & DISP UNS MATL (CY)
0+80 to 147+00	15
Total	***15***

202006000 - EXCAVATING & GRADING EXISTING SHOULDER (UNIT)

OLD RIVER ROAD

STA	O/S	EXC & GR EX SHOULDER (UNIT)
0+80 TO 53+17	LT	**52.4**
0+80 TO 53+17	RT	**52.4**
24+72 (GR TERM)	LT	**2.5**
28+82 (GR TERM)	LT	**2.5**
23+57 (GR TERM)	RT	**2.5**
28+17 (GR TERM)	RT	**2.5**
53+17 TO 57+44	LT	**4.3**
53+17 TO 57+44	Rt	**4.3**
57+44 TO 60+28	LT	**2.8**
57+44 TO 60+28	RT	**2.8**
60+28 TO 63+57	LT	**3.3**
60+28 TO 63+57	RT	**3.3**
63+57 TO 65+95	LT	**2.4**
63+57 TO 65+95	Rt	**2.4**
65+95 TO 69+01	LT	**3.1**
65+95 TO 69+01	RT	**3.1**
69+01 TO 70+62	LT	**1.6**
69+01 TO 70+62	RT	**1.6**
70+62 TO 73+76	LT	**3.1**
70+62 TO 73+76	Rt	**3.1**
73+76 TO 76+87	LT	**3.1**
73+76 TO 76+87	RT	**3.1**
76+87 TO 78+35	LT	**1.5**
76+87 TO 78+35	RT	**1.5**
78+35 TO 85+28	LT	**6.9**
78+35 TO 85+28	Rt	**6.9**
85+28 TO 118+14	LT	**32.9**
85+28 TO 118+14	RT	**32.9**
118+14 TO 120+81	LT	**2.7**
118+14 TO 120+81	RT	**2.7**
120+81 TO 122+07	LT	**1.3**
120+81 TO 122+07	Rt	**1.3**
122+07 TO 126+74	LT	**4.7**
122+07 TO 126+74	RT	**4.7**
126+74 TO 134+60	LT	**7.9**
126+74 TO 134+60	RT	**7.9**
134+60 TO 135+34	LT	**0.7**
134+60 TO 135+34	RT	**0.7**
135+34 TO 146+70	LT	**11.4**
135+34 TO 146+70	RT	**11.4**
146+70 TO 147+00	LT	**0.3**
146+70 TO 147+00	RT	**0.3**
Total		***302***

356006700 - HOT-MIX ASPHALT BASE COURSE WIDENING, 5"

OLD RIVER ROAD

STA	HMA BC WID 5 (SY)
0+80 TO 53+17	4,631.6
24+72 TO 28+82 (LT) Under GR	87.2
23+57 TO 28+17 (RT) Under GR	98.3
53+17 TO 57+44	314.2
57+44 TO 60+28	230.7
60+28 TO 63+57	146.2
63+57 TO 65+95	211.6
65+95 TO 69+01	136.0
69+01 TO 70+62	0.0
70+62 TO 73+76	139.6
73+76 TO 76+87	276.4
76+87 TO 78+35	65.8
78+35 TO 85+28	616.0
85+28 TO 118+14	2,920.9
118+14 TO 120+81	237.3
120+81 TO 122+07	112.0
122+07 TO 126+74	415.1
126+74 TO 134+60	698.7
134+60 TO 135+34	0.0
135+34 TO 146+70	0.0
146+70 TO 147+00	0.0
Total	***11,338***

406003700 - LONGITUDINAL JOINT SEALANT (FT)

OLD RIVER ROAD

STA	O/S	LONG JOINT SEALANT (FT)
0+80 TO 61+94	CL	6,114
85+28 TO 118+14	CL	3,286
126+74 TO 146+70	CL	1,996
61+94 TO 65+95	CL	401
65+95 TO 81+28	CL	1,533
65+95 TO 81+28	11' RT	1,533
65+95 TO 81+28	22' RT	1,533
65+95 TO 81+28	11' LT	1,533
81+28 TO 85+28	CL	399
118+14 TO 119+66	CL	152
119+66 TO 124+64	CL	498
119+66 TO 124+64	11' RT	498
119+66 TO 124+64	22' RT	498
119+66 TO 124+64	11' LT	498
124+64 TO 126+74	CL	210
Total		***20,682***

406009820 HOT-MIX ASPHALT SURFACE REMOVAL - BUTT JOINT (SY)

OLD RIVER ROAD

STA	O/S	TYPE	HMA SURF REM BUTT JT (SY)
0+50 to 1+10	N/A	MAIN	159
10+53	Rt.	F.E.	0
18+78	Lt.	F.E.	0
20+00	Lt.	F.E.	0
20+00	Rt.	F.E.	0
29+00	Lt.	F.E.	0
32+22	Rt.	F.E.	0
34+39	Lt.	F.E.	0
35+82	Lt.	P.E.	8
39+41	Rt.	STREET	15
40+20	Lt.	P.E.	7
42+07	Rt.	P.E.	10
43+78	Rt.	P.E.	11
50+23	Rt.	P.E.	12
52+79	Lt.	P.E.	17
52+79	Rt.	P.E.	10
53+93	Rt.	P.E.	11
54+73	Lt.	STREET	35
55+30	Rt.	P.E.	13
60+08	Rt.	F.E.	20
62+28.5	Rt.	STREET	39
69+83.2	Rt.& LT	STREET	222
77+61.6	Rt.	STREET	15
80+52	Lt.	P.E.	7
81+15	Lt.	P.E.	14
82+87	Lt.	P.E.	8
88+55	Lt.	P.E.	10
89+08	Lt.	P.E.	10
91+04	Lt.	P.E.	8
80+58	Lt.	P.E.	6
93+66	Lt.	P.E.	14
94+35	Lt.	P.E.	9
97+35	Lt.	P.E.	10
97+35	Rt.	P.E.	37
98+48	Lt.	P.E.	10
101+91	Lt.	P.E.	24
102+94	Lt.	P.E.	8
104+22	Lt.	P.E.	6
104+65	Lt.	P.E.	5
105+14	Lt.	P.E.	13
106+72	Rt.	P.E.	26
121+45	Rt.	STREET	14
124+95	Lt.	P.E.	9
130+42	Rt.	F.E.	0
131+72	Rt.	P.E.	20
134+86	Rt.	STREET	19
134+86	LT	STREET	15
136+43	Rt.	P.E.	7
137+32	Rt.	P.E.	7
137+63	Rt.	P.E.	7
137+63	Lt.	P.E.	17
138+94	Rt.	P.E.	5
139+68	Lt.	P.E.	7
139+89.4	Lt.	STREET	12
141+20	Lt.	P.E.	8
142+14	Lt.	P.E.	10
142+14	Rt.	P.E.	8
142+40	Lt.	P.E.	8
143+12	Rt.	P.E.	9
143+54	Rt.	P.E.	14
143+68	Lt.	P.E.	9
144+09	Lt.	P.E.	6
144+79	Rt.	P.E.	9
144+81	Lt.	P.E.	12
146+02	Lt.	P.E.	7
146+02	Rt.	P.E.	12
146+44	Lt.	P.E.	11
146+70 to 147+00	N/A	MAIN	154
Total			***1,245***

408000500 - INCIDENTAL BITUMINOUS SURFACING (TONS)

OLD RIVER ROAD

STA	O/S	TYPE	INCIDENTAL BIT SURF (TONS)
10+53	Rt.	F.E.	3.9
18+78	Lt.	F.E.	4.9
20+00	Lt.	F.E.	6.7
20+00	Rt.	F.E.	5.0
29+00	Lt.	F.E.	5.5
32+22	Rt.	F.E.	0.0
34+39	Lt.	F.E.	5.3
35+82	Lt.	P.E.	3.9
39+41	Rt.	STREET	22.6
40+20	Lt.	P.E.	3.0
42+07	Rt.	P.E.	4.8
43+78	Rt.	P.E.	4.8
50+23	Rt.	P.E.	4.8
52+79	Lt.	P.E.	6.6
52+79	Rt.	P.E.	3.8
53+93	Rt.	P.E.	4.9
54+73	Lt.	STREET	34.5
55+30	Rt.	P.E.	5.3
60+08	Rt.	F.E.	7.9
62+28.5	Rt.	STREET	32.0
69+83.2	Rt.& LT	STREET	149.0
77+61.6	Rt.	STREET	62.7
80+52	Lt.	P.E.	3.0
81+15	Lt.	P.E.	5.5
82+87	Lt.	P.E.	7.7
88+55	Lt.	P.E.	4.0
89+08	Lt.	P.E.	4.0
91+04	Lt.	P.E.	3.2
80+58	Lt.	P.E.	5.3
93+66	Lt.	P.E.	3.6
94+35	Lt.	P.E.	4.1
97+35	Lt.	P.E.	3.8
97+35	Rt.	P.E.	15.1
98+48	Lt.	P.E.	8.9
101+91	Lt.	P.E.	3.1
104+65	Lt.	P.E.	2.0
105+14	Lt.	P.E.	4.6
106+72	Rt.	P.E.	14.9
121+45	Rt.	STREET	45.4
124+95	Lt.	P.E.	3.4
130+42	Rt.	F.E.	5.5
131+72	Rt.	P.E.	7.2
134+86	Rt.	STREET	18.4
134+86	LT	STREET	23.8
136+43	Rt.	P.E.	5.3
137+32	Rt.	P.E.	4.4
137+63	Rt.	P.E.	4.3
137+63	Lt.	P.E.	6.9
138+94	Rt.	P.E.	4.2
139+68	Lt.	P.E.	5.1
139+89.4	Lt.	STREET	25.1
141+20	Lt.	P.E.	5.2
142+14	Lt.	P.E.	5.8
142+14	Rt.	P.E.	4.1
142+40	Lt.	P.E.	6.3
143+12	Rt.	P.E.	4.4
143+54	Rt.	P.E.	6.0
143+68	Lt.	P.E.	5.8
144+09	Lt.	P.E.	4.7
144+79	Rt.	P.E.	4.5
144+81	Lt.	P.E.	6.9
146+02	Lt.	P.E.	4.9
146+02	Rt.	P.E.	5.2
146+44	Lt.	P.E.	6.5
Total			***704***

440004000 - GUTTER REMOVAL

OLD RIVER ROAD

STA	OFFSET	COMB CURB GUTTER REM (FT)
45+97 TO 50+96	12' RT	499
45+97 TO 50+97	12' LT	499
104+37 TO 109+84	12' LT	547
Total		***1,545***

406002900 - BITUMINOUS MATERIALS (TACK COAT)

OLD RIVER ROAD

STA	AREA (SF)	AREA (SY)	RATE (GAL/SY)	DENSITY (LB/GAL)	NUMBER APPLICATIONS	BIT MATLS TACK CT (POUNDS)
0+50 TO 0+80	752	83.6	0.06	8.40	2	84
0+80 TO 53+17	115214	12,801.6	0.06	8.40	2	12,904
53+17 TO 57+44	12082	1,342.4	0.06	8.40	2	1,353
57+44 TO 60+28	6248	694.2	0.06	8.40	2	700
60+28 TO 63+57	10810	1,201.1	0.06	8.40	2	1,211
63+57 TO 65+95	8358	928.7	0.06	8.40	2	936
65+95 TO 69+01	15128	1,680.9	0.06	8.40	2	1,694
69+01 TO 70+62	8704	967.1	0.06	8.40	2	975
70+62 TO 73+76	15468	1,718.7	0.06	8.40	2	1,732
73+76 TO 76+87	6842	760.2	0.06	8.40	2	766
76+87 TO 78+35	6065	673.9	0.06	8.40	2	679
78+35 TO 85+28	24116	2,679.6	0.06	8.40	2	2,701
85+28 TO 118+14	72292	8,032.4	0.06	8.40	2	8,097
118+14 TO 120+81	10169	1,129.9	0.06	8.40	2	1,139
120+81 TO 122+07	4982	553.6	0.06	8.40	2	558
122+07 TO 126+74	14168	1,574.2	0.06	8.40	2	1,587
126+74 TO 134+60	17292	1,921.3	0.06	8.40	2	1,937
134+60 TO 135+34	1702	189.1	0.06	8.40	2	191
135+34 TO 146+70	24112	2,679.1	0.06	8.40	2	2,701
146+70 TO 147+00	762	84.7	0.06	8.40	2	85
DRIVEWAYS & SIDE STREETS	29,563	3,284.8	0.06	8.40	1	1,656
Total	276,781.0	30,753.4				***29,344***

406029780 - HOT-MIX ASPHALT BINDER COURSE, IL- 9.5, N50

OLD RIVER ROAD

STA	HMA BC IL-9.5 N50 (TON)
0+50 TO 0+80 (1st LIFT)	7.21
0+80 TO 53+17 (1st LIFT)	1,503.61
24+72 TO 28+82 (LT) Under GR	7.52
23+57 TO 28+17 (RT) Under GR	8.48
53+17 TO 57+44 (1st LIFT)	142.89
57+44 TO 60+28 (1st LIFT)	79.77
60+28 TO 63+57 (1st LIFT)	116.21
63+57 TO 65+95 (1st LIFT)	98.34
65+95 TO 69+01 (1st LIFT)	156.71
69+01 TO 70+62 (1st LIFT)	83.41
70+62 TO 73+76 (1st LIFT)	160.27
73+76 TO 76+87 (1st LIFT)	89.41
76+87 TO 78+35 (1st LIFT)	63.80
78+35 TO 85+28 (1st LIFT)	284.24
85+28 TO 118+14 (1st LIFT)	944.73
118+14 TO 120+81 (1st LIFT)	117.92
120+81 TO 122+07 (1st LIFT)	57.40
122+07 TO 126+74 (1st LIFT)	171.58
126+74 TO 134+60 (1st LIFT)	225.98
134+60 TO 135+34 (1st LIFT)	16.31
135+34 TO 146+70 (1st LIFT)	231.07
146+70 TO 147+00 (1st LIFT)	7.30
Total	***4,574***

406009900 - TEMPORARY RAMP

OLD RIVER ROAD

STA	O/S	TYPE	TEMPORARY RAMP (SY)
0+50	N/A	MAINLINE	13.3
39+41	RT	STREET	16.1
54+72	Lt.	STREET	32.2
62+29	RT	STREET	35.6
69+83	RT	STREET	22.8
69+84	LT	STREET	29.4
77+62	RT	STREET	15.3
82+87	LT	STREET	9.4
121+45	RT	STREET	13.9
134+90	RT	STREET	17.8
134+94	LT	STREET	14.4
139+89	RT	STREET	12.2
147+00	N/A	MAINLINE	16.7
Total			***249***

606033000 - SIDEWALK REMOVAL

OLD RIVER ROAD

STA	OFFSET	SIDEWALK REM (SF)
108+53 TO 109+60	13' -16' LT	646
Total		***646***

406040600 - HOT-MIX ASPHALT SURFACE COURSE, IL-9.5, MIX "D",

OLD RIVER ROAD

STA	HMA SC IL-9.5 D N50 (TON)
0+50 TO 0+80	7.21
0+80 TO 53+17	1,503.61
24+72 TO 28+82 (LT) Under GR	7.52
23+57 TO 28+17 (RT) Under GR	8.48
53+17 TO 57+44	142.89
57+44 TO 60+28	79.77
60+28 TO 63+57	116.21
63+57 TO 65+95	98.34
65+95 TO 69+01	156.71
69+01 TO 70+62	83.41
70+62 TO 73+76	160.27
73+76 TO 76+87	89.41
76+87 TO 78+35	63.80
78+35 TO 85+28	284.24
85+28 TO 118+14	944.73
118+14 TO 120+81	117.92
120+81 TO 122+07	57.40
122+07 TO 126+74	171.58
126+74 TO 134+60	225.98
134+60 TO 135+34	16.31
135+34 TO 146+70	231.07
146+70 TO 147+00	7.30
Total	***4,574***

402010000 - AGGREGATE FOR TEMPORARY ACCESS

OLD RIVER ROAD

STA - STA	AGG FOR TEMP ACCESS (TON)
0+80 to 147+00	10
Total	***10***

303001120 - AGGREGATE SUBGRADE IMPROVEMENT 12"

OLD RIVER ROAD

STA - STA	AGG SUBGRADE IMPROV 12"(SY)
0+80 to 147+00	75
Total	***75***

642001080 - SHOULDER RUMBLE STRIPS, 8" (FT)

X0326697 - CENTERLINE - RUMBLE STRIP - 8" (FT)

OLD RIVER ROAD

STA	O/S	SHOULDER RUM STRIP 8" (FT)	CENTERLN RUM STRIP 8 "(FT)
0+80 TO 53+17	CL		5,237.0
0+80 TO 53+17	RT	5,034.0	
0+80 TO 53+17	LT	5,023.0	
53+17 TO 57+44	CL		427.0
53+17 TO 57+44	RT	359.0	
53+17 TO 57+44	LT	280.0	
57+44 TO 60+28	CL		284.0
57+44 TO 60+28	RT	234.0	
57+44 TO 60+28	LT	284.0	
60+28 TO 63+57	CL		329.0
60+28 TO 63+57	RT	0.0	
60+28 TO 63+57	LT	329.0	
63+57 TO 65+95	CL		238.0
63+57 TO 65+96	RT	238.0	
63+57 TO 65+97	LT	238.0	
65+95 TO 69+01	CL		306.0
65+95 TO 69+01	RT	0.0	
65+95 TO 69+01	LT	306.0	
69+01 TO 70+62	CL		0.0
69+01 TO 70+62	RT	0.0	
69+01 TO 70+62	LT	0.0	
70+62 TO 73+76	CL		314.0
70+62 TO 73+76	RT	314.0	
70+62 TO 73+76	LT	0.0	
73+76 TO 76+87	CL		311.0
73+76 TO 76+88	RT	311.0	
73+76 TO 76+89	LT	311.0	
76+87 TO 78+35	CL		0.0
76+87 TO 78+35	RT	0.0	
76+87 TO 78+35	LT	148.0	
78+35 TO 85+28	CL		693.0
78+35 TO 85+28	RT	693.0	
78+35 TO 85+28	LT	606.0	
85+28 TO 118+14	CL		3,286.0
85+28 TO 118+14	RT	3,079.0	
85+28 TO 118+14	LT	2,996.0	
118+14 TO 120+81	CL		267.0
118+14 TO 120+81	RT	267.0	
118+14 TO 120+81	LT	267.0	
120+81 TO 122+07	CL		0.0
120+81 TO 122+07	RT	0.0	
120+81 TO 122+07	LT	126.0	
122+07 TO 126+74	CL		467.0
122+07 TO 126+74	RT	467.0	
122+07 TO 126+74	LT	447.0	
126+74 TO 134+60	CL		786.0
126+74 TO 134+61	RT	739.0	
126+74 TO 134+62	LT	786.0	
Total		**23,882**	**12,945**

481021000 - AGGREGATE WEDGE SHOULDER, TYPE B

OLD RIVER ROAD

STA	AGG WEDGE SHLD TYPE B (TON)
0+80 TO 53+17	481.65
53+17 TO 57+44	32.82
57+44 TO 60+28	26.63
60+28 TO 63+57	16.89
63+57 TO 65+95	24.43
65+95 TO 69+01	15.71
69+01 TO 70+62	0.00
70+62 TO 73+76	16.12
73+76 TO 76+87	31.93
76+87 TO 78+35	7.60
78+35 TO 85+28	66.71
85+28 TO 118+14	294.24
118+14 TO 120+81	27.41
120+81 TO 122+07	12.94
122+07 TO 126+74	47.95
126+74 TO 134+60	80.70
134+60 TO 135+34	0.00
135+34 TO 146+70	116.63
146+70 TO 147+00	3.08
Total	**1,303**

ROUTE	SECTION	SHEET
9886	23-00724-00-RS	11 OF 42

OLD RIVER ROAD SCHEDULE OF QUANTITIES

78000100 - THERMOPLASTIC PAVEMENT MARKING - LETTERS AND SYMBOLS

OLD RIVER ROAD	
STA	**THPL PVT MK LTR & SYM (SF)**
WAKE FOREST PKWY CHANNELIZATION (1 TURN ARROW)	15.6
UNIVERSITY PKWY CHANNELIZATION (12 TURN ARROWS)	187.2
CARLSON CT CHANNELIZATION (3 TURN ARROWS)	46.8
ATHLETIC FIELD ENT CHANNELIZATION (6 TURN ARROWS)	93.6
Total	**343**

78000650 - THERMOPLASTIC PAVEMENT MARKING - LINE 24"

OLD RIVER ROAD	
STA	**THPL PVT MK LINE 24 (FT)**
0+24 (SB MAIN LINE)	30
39+41 (LIDDLE RD)	19
54+74 (STREET LT)	42
62+28 (STREET RT)	44
69+84 (UNIVERSITY PKWY EAST LEG)	40
69+84 (UNIVERSITY PKWY WEST LEG)	49
77+63 (CARLSON CT)	40
121+44 (ATHLETIC PARK ENT)	32
134+89 (FERRY ST)	28
134+94 (WESTPORT DR)	23
139+89 (BRIDGE ST)	21
147+13 (WB RUSSELL ST)	23
Total	**391**

78000200 - THERMOPLASTIC PAVEMENT MARKING - LINE 4"

OLD RIVER ROAD			
STA	**WHITE**	**YELLOW**	**TOTAL THPL PVT MK LINE 4 (FT)**
0+24 TO 1+34 (CENTERLINE DOUBLE YEL)		220	
1+34 to 18+74 (CENTERLINE SOLID +DASH)		2,175	
18+74 to 33+04 (CENTERLINE DASH)		358	
33+04 to 46+94 (CENTERLINE SOLID +DASH)		1,738	
46+94 to 49+70 (CENTERLINE DOUBLE YEL)		552	
49+70 to 58+80 (CENTERLINE SOLID +DASH)		1,138	
58+80 to 62+39 (CENTERLINE DOUBLE YEL)		718	
62+39 to 69+50 (CENTERLINE DOUBLE YEL- MED)		2,844	
70+17 to 77+46 (CENTERLINE DOUBLE YEL- MED)		2,916	
77+93 to 84+83 (CENTERLINE DOUBLE YEL- MED)		2,760	
84+83 to 107+38 (CENTERLINE DOUBLE YEL)		4,510	
107+38 to 118+14 (CENTERLINE SOLID +DASH)		1,345	
118+14 to 121+31 (CENTERLINE DOUBLE YEL- MED)		1,268	
121+31 to 126+74 (CENTERLINE DOUBLE YEL- MED)		2,172	
126+74 to 147+50 (CENTERLINE DOUBLE YEL)		4,152	
SUBTOTAL	0	28,865	
Total			**28,865**

78000400 - THERMOPLASTIC PAVEMENT MARKING - LINE 6"

OLD RIVER ROAD			
STA	**WHITE**	**YELLOW**	**TOTAL THPL PVT MK LINE 6 (FT)**
0+00 TO 147+50 (EOP/EOS LINES)	29500	0	29500
0+24 to 0+80 (EOP)	124	0	124
0+80 to 38+80 (EOP - RT)	7600	0	7600
0+80 to 54+00 (EOP - LT)	10640	0	10640
38+41 (LIDDLE RD - Radius Returns)	140	0	140
39+97 to 61+32 (EOP - RT)	4270	0	4270
62+19 (FREELUND DR - Radius Returns)	226	0	226
54+73 (WAKE FOREST PKWY - Rad Rtn)	96	0	96
55+50 to 69+00 (EOP - LT)	1350	0	1350
63+10 to 69+00 (EOP - RT)	590	0	590
69+83 (UNIVERSITY PKWY - Radius Rtn)	**320**	0	320
70+62 to 76+87 (EOP - RT)	625	0	625
70+69 to 134+60 (EOP - LT)	6391	0	6391
77+63 (CARLSON CT - Radius Rtn)	186	0	186
78+35 to 120+81 (EOP - RT)	4246	0	4246
121+44 (ATHLETIC FIELD ENT - Rad Rtn)	170	0	170
122+12 to 134+60 (EOP - RT)	1248	0	1248
134+89 (FERRY ST- Rad Rtn)	68	0	68
134+94 (WEST POINT DR- Rad Rtn)	72	0	72
135+33 to 139+54 (EOP - RT)	421	0	421
139+89 (BRIDGE ST- Rad Rtn)	90	0	90
140+25 to 147+16 (EOP - RT)	691	0	691
135+33 to 147+16 (EOP - LT)	1183	0	1183
SUBTOTAL	40747	0	
Total			**40747**

78000500 - THERMOPLASTIC PAVEMENT MARKING - LINE 8"

OLD RIVER ROAD	
STA	**THPL PVT MK LINE 8 (FT)**
WAKE FOREST PKWY CHANNELIZATION	76
UNIVERSITY PKWY CHANNELIZATION	1014
CARLSON CT CHANNELIZATION	141
ATHLETIC FIELD ENT CHANNELIZATION	340
Total	**1,571**

78000600 - THERMOPLASTIC PAVEMENT MARKING - LINE 12"

OLD RIVER ROAD	
STA	**THPL PVT MK LINE 12 (FT)**
UNIVERSITY PKWY CHANNELIZATION	837.4
ATHLETIC FIELD ENT CHANNELIZATION	78.5
Total	**915.9**

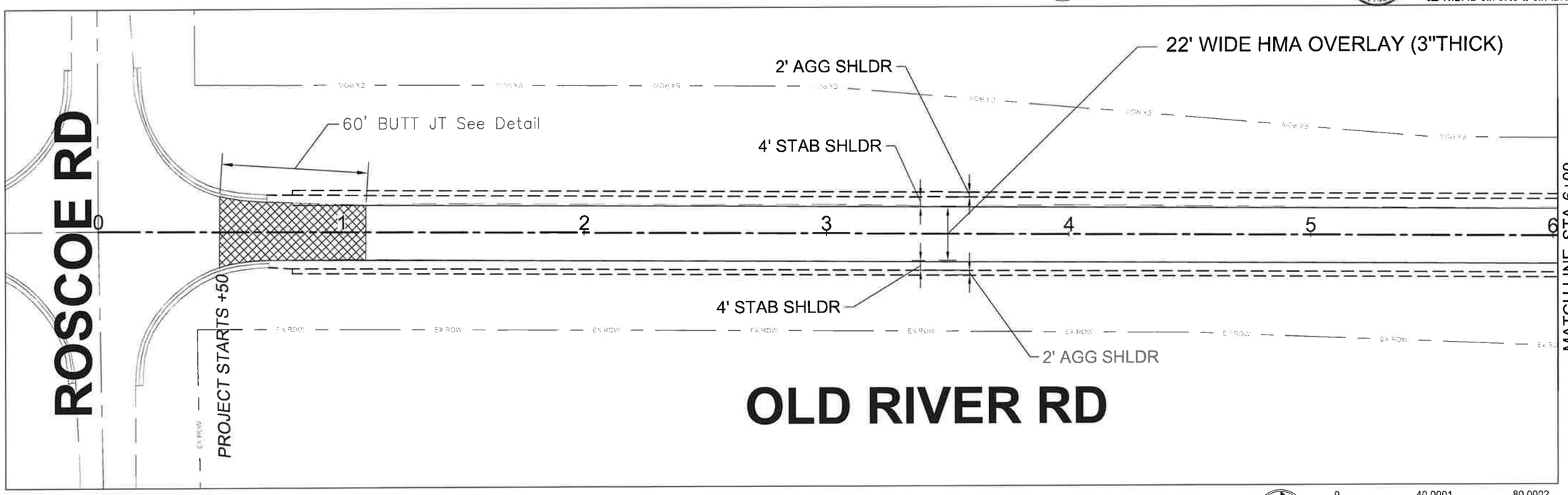
85800

ROUTE	SECTION	SHEET
64	23-00724-00-RS	12 OF 42

OLD RIVER RD STA 0+00 to STA 12+00

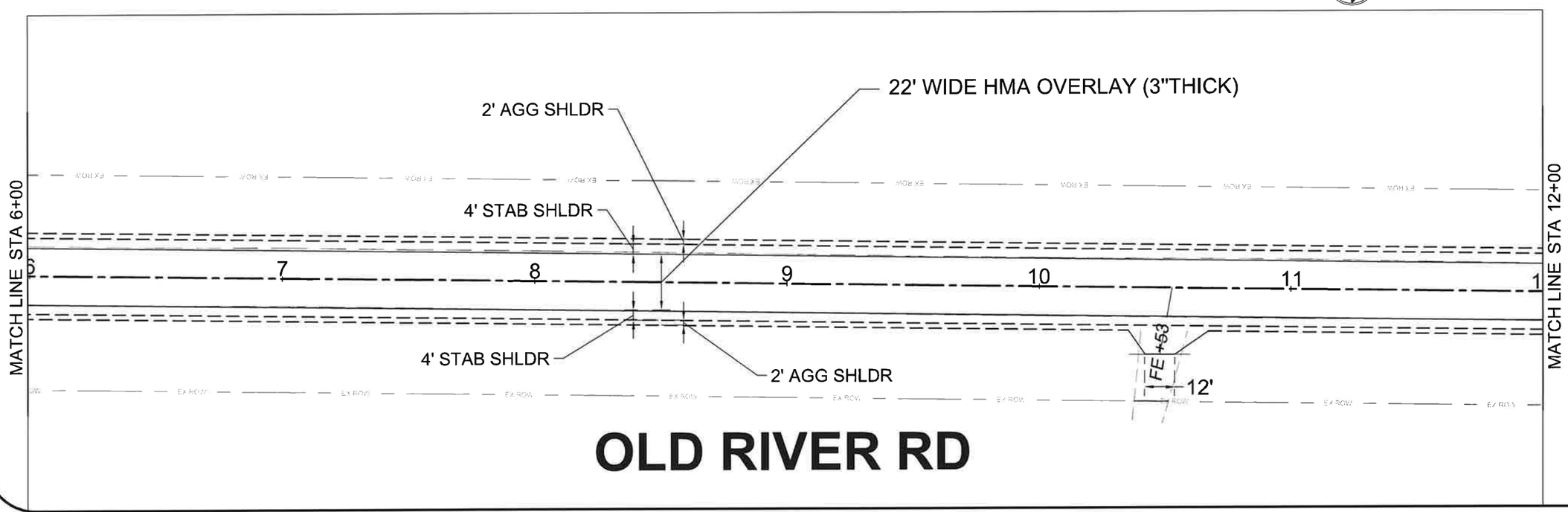
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0 20 40.0001 80.0002 Feet

1:240



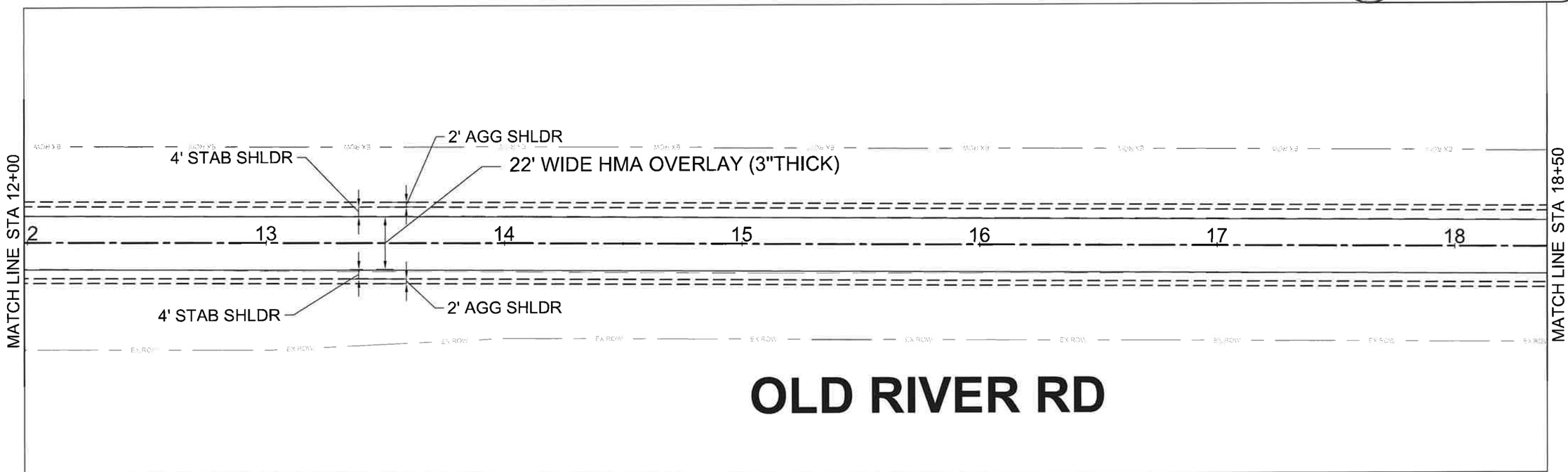
RESURF PLAN

85800

ROUTE	SECTION	SHEET
64	23-00724-00-RS	13 OF 42

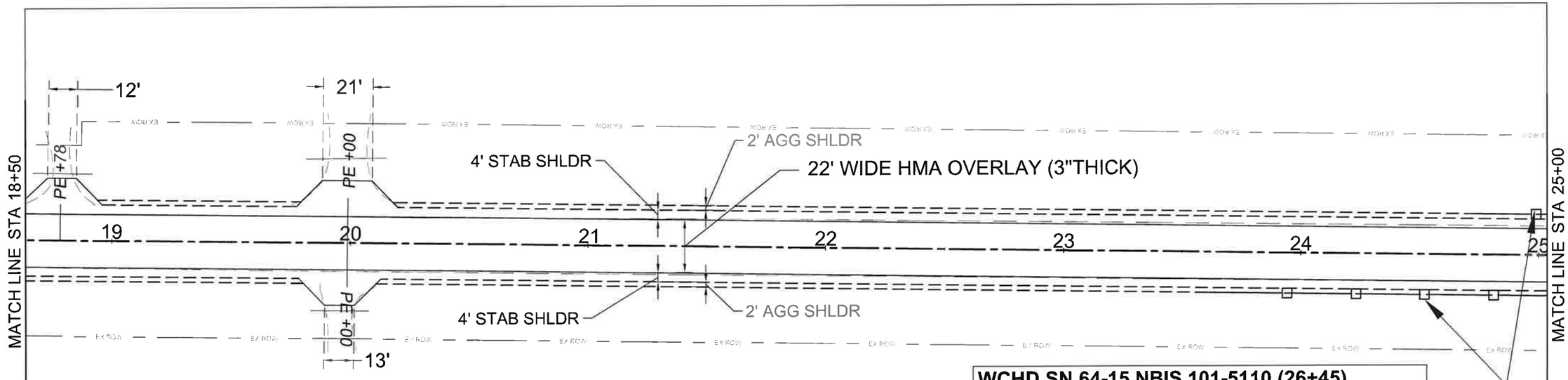
OLD PIVER RD STA 12+00 to STA 25+00

0 20 40.0001 80.0002 Feet
1:240



OLD RIVER RD

0 20 40.0001 80.0002 Feet
1:240



OLD RIVER RD

WCHD SN 64-15 NBIS 101-5110 (26+45)	
63000001 SPBGR TY A 6FT POSTS	625 FT
63000030 SPGR ATT TO CULVERT	50 FT
63100167 TR BAR TRM T1 SPL TAN	4 EA

RESURF PLAN

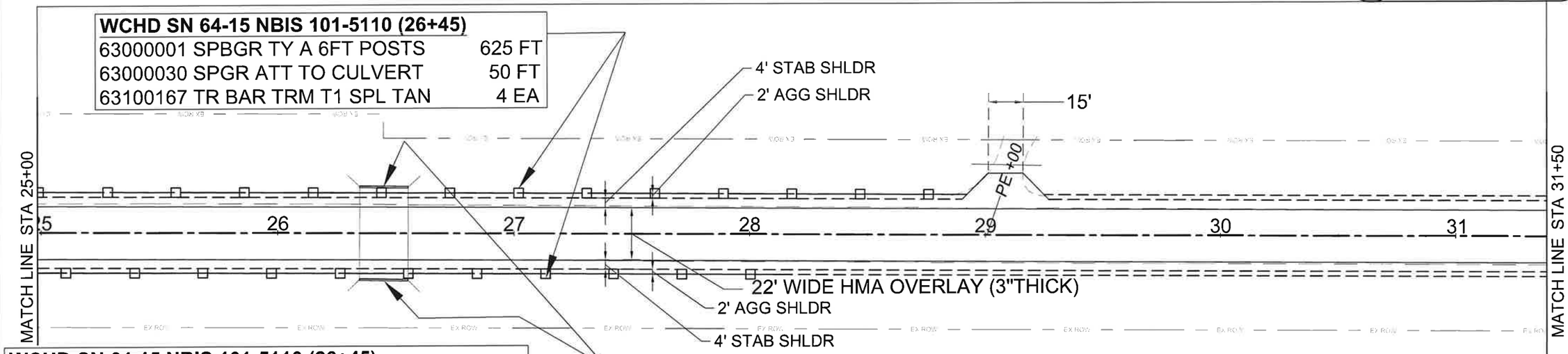
ROUTE	SECTION	SHEET
64	23-00724-00-RS	14 OF 42

OLD RIVER RD STA 25+00 to STA 38+00

0 20 40.0001 80.0002 Feet
1:240

WCHD SN 64-15 NBIS 101-5110 (26+45)

63000001 SPBGR TY A 6FT POSTS	625 FT
63000030 SPGR ATT TO CULVERT	50 FT
63100167 TR BAR TRM T1 SPL TAN	4 EA

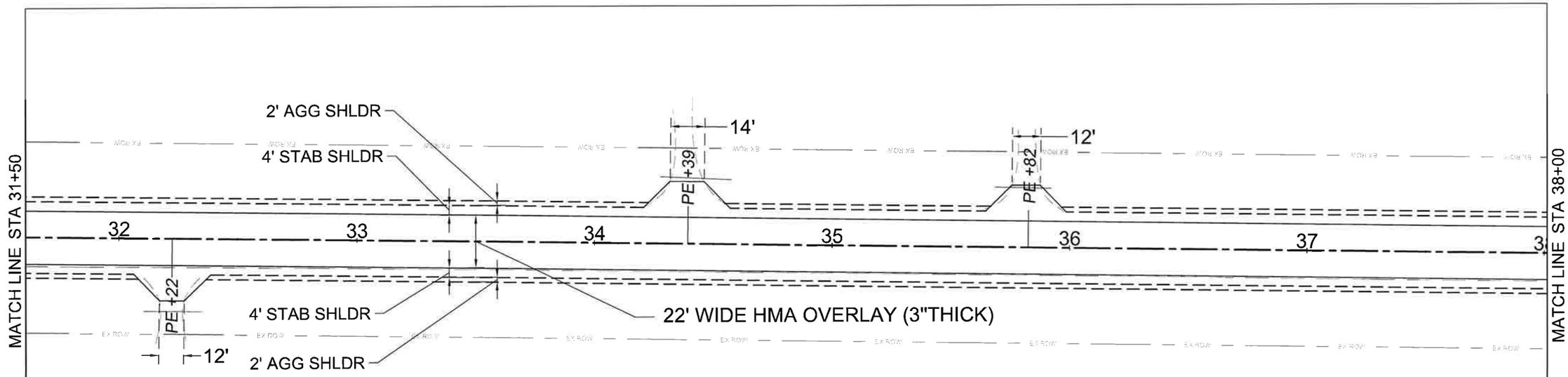


WCHD SN 64-15 NBIS 101-5110 (26+45)

EXISTING 10'x4' RC DOUBLE BOX CULVERT 42' LONG (EX. SLOPE @ 0.2%) TO REMAIN EXTEND 16" HEIGHT OF EXIST CONC HEADER, BOTH SIDE AS PER DETAIL (SEE DETAIL IN PS #24)

OLD RIVER RD

0 20 40.0001 80.0002 Feet
1:240



OLD RIVER RD

RESURF PLAN

ROUTE	SECTION	SHEET
64	23-00724-00-RS	15 OF 42

OLD RIVER RD STA 38+00 to STA 50+00

0 20 40.0001 80.0002 Feet
1:240

WCHD SN 64-16
REMOVE EXISTING 24" CMP 72' LONG
SKEW 125 DEG (EX. SLOPE @ 2.9%)

WCHD SN 64-16 (41+00)
PROP - P CUL CL-A T-1 EQRS 24"
72' LONG @ 2.9% SLOPE & PRC FES EQRS 24"
(SEE DETAIL IN PS #25)

MATCH LINE STA 38+00

12'
PE +20
22' WIDE HMA OVERLAY (3"THICK)
4' STAB SHLDR
2' AGG SHLDR

38 39 40 41 42 43 44

LIDDLE RD +41
20'

PE +07
14'

PE +78
18'

2' AGG SHLDR
4' STAB SHLDR

MATCH LINE STA 44+50

OLD RIVER RD

0 20 40.0001 80.0002 Feet
1:240.0005

MATCH LINE STA 44+50

4' STAB SHLDR
2' AGG SHLDR
22' WIDE HMA OVERLAY (3"THICK)

CLASS SI CONCRETE OUTLET (5.94 x 2 = 11.88 CY)
FOR CONC GUTTER A OUTLET PER IDOT STD 606101

CONC GUTTER TY A

44 45 46 47 48 49 50

PE +29

PE +78
18'

2' AGG SHLDR
4' STAB SHLDR

REMOVE EXST. TY-A CONC
GUTTER & OUTLETS

5' STAB SHLDR
5' STAB SHLDR

MATCH LINE STA 50+00

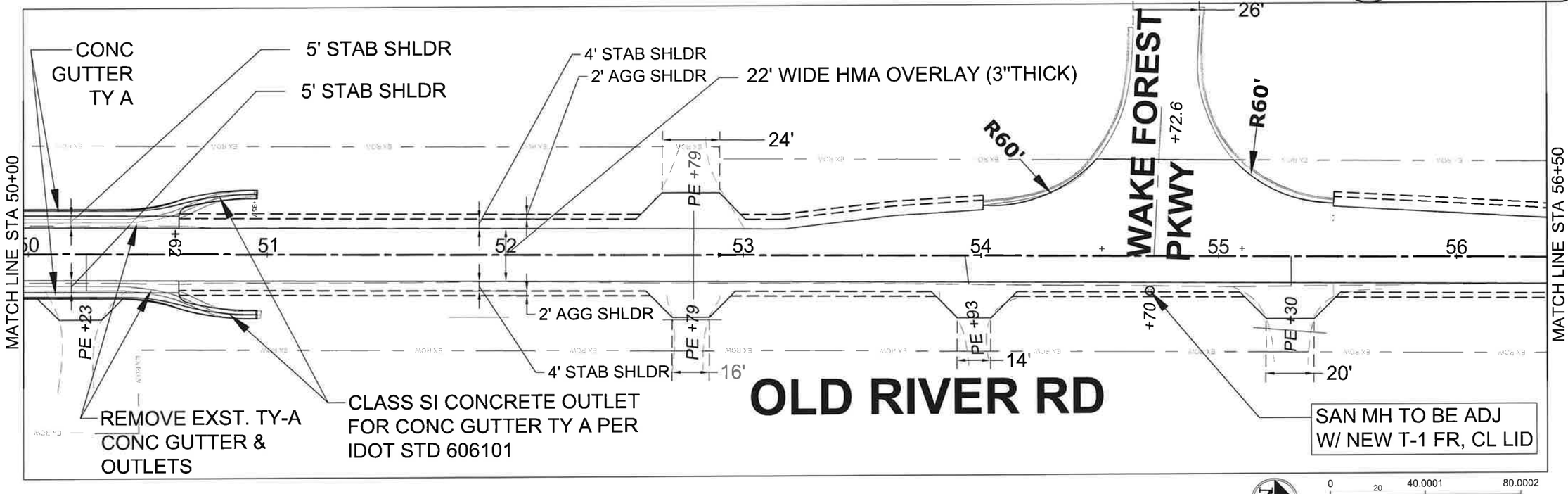
OLD RIVER RD

RESURF PLAN

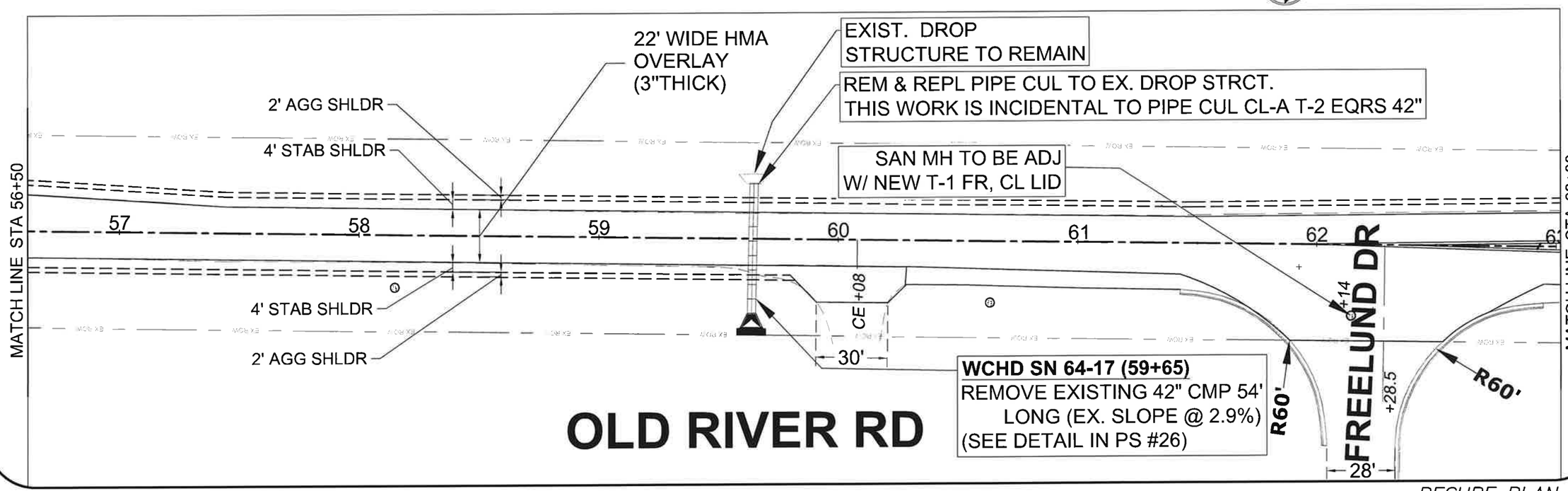
ROUTE	SECTION	SHEET
64	23-00724-00-RS	16 OF 42

OLD RIVER RD STA 50+00 to STA 63+00

0 20 40.0001 80.0002 Feet
1:240



0 20 40.0001 80.0002 Feet
1:240.0005



RESURF PLAN

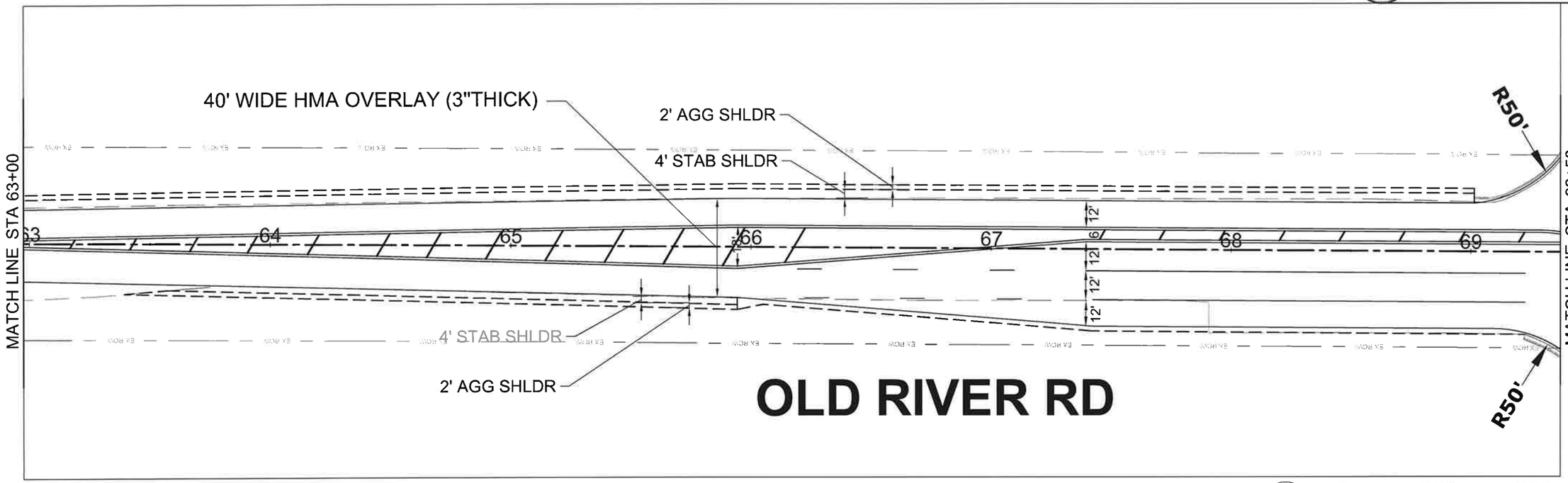
85800

ROUTE	SECTION	SHEET
64	23-00724-00-RS	17 OF 42

OLD PIVER RD STA 63+00 to STA 76+00

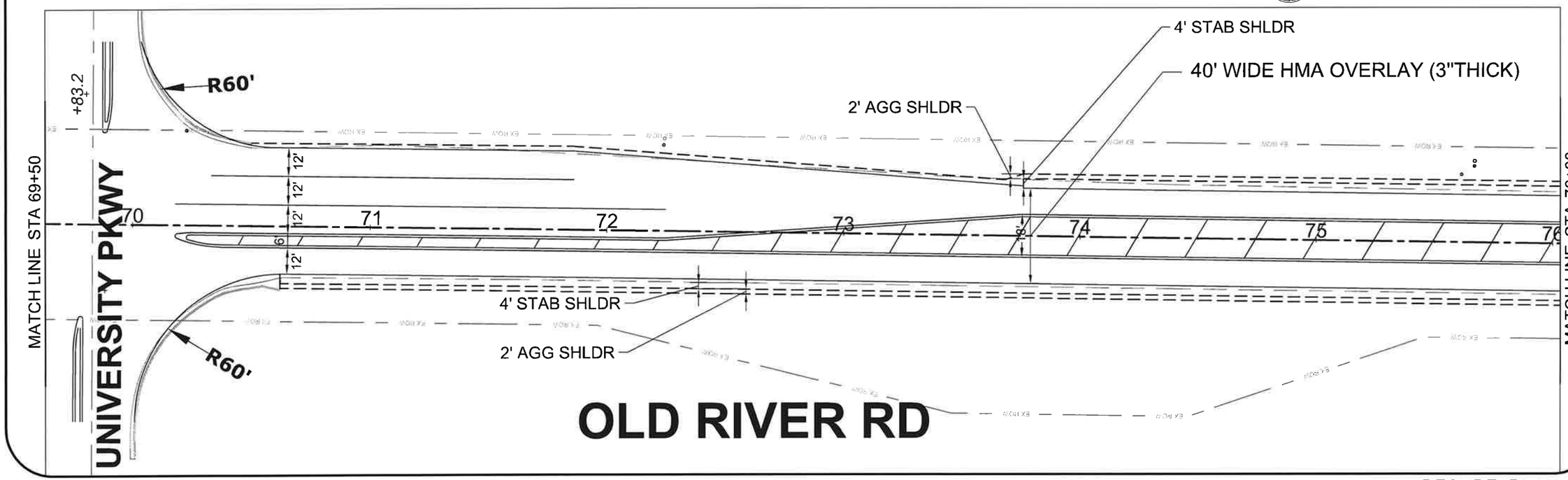
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1:240



0 20 40.0001 80.0002 Feet

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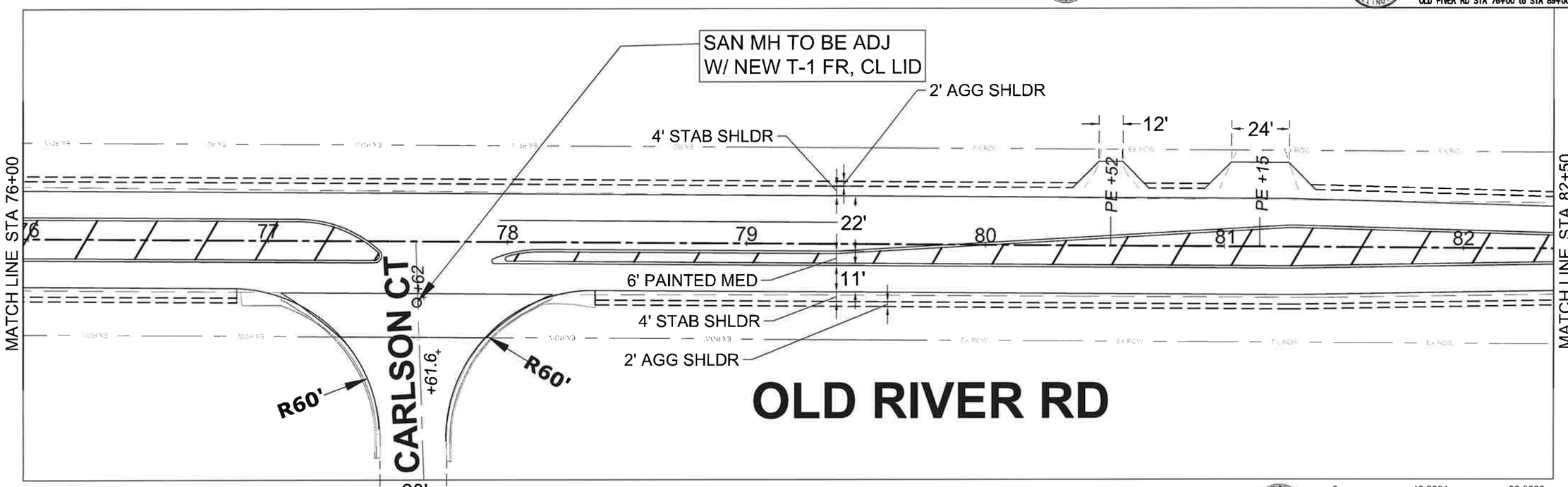


RESURF PLAN

ROUTE	SECTION	SHEET
64	23-00724-00-RS	18 OF 42

OLD RIVER RD STA 76+00 to STA 89+00

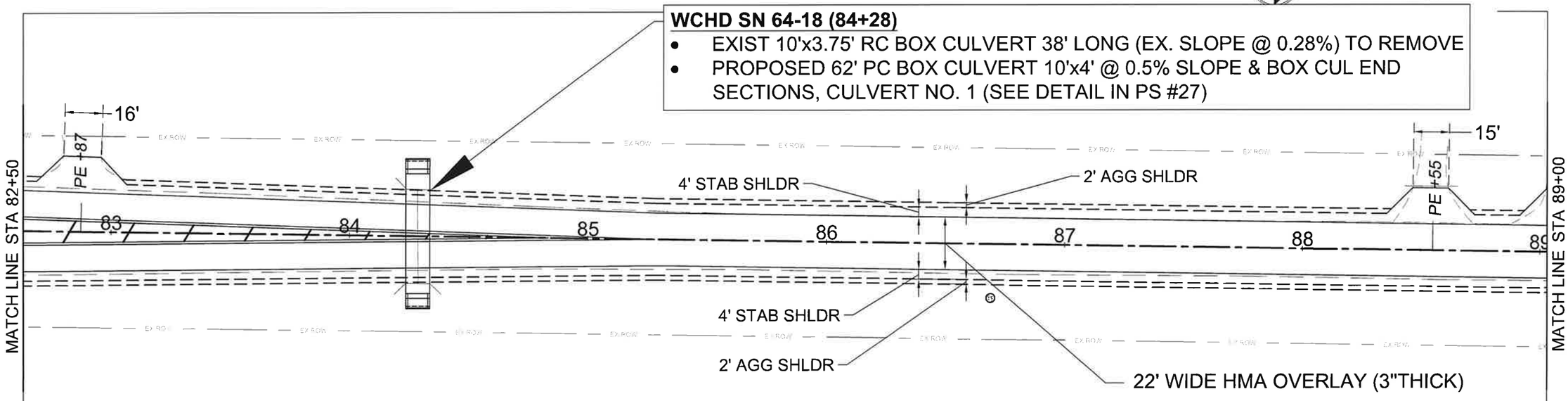
0 20 40.0001 80.0002 Feet
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0 20 40.0001 80.0002 Feet
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WCHD SN 64-18 (84+28)

- EXIST 10'x3.75' RC BOX CULVERT 38' LONG (EX. SLOPE @ 0.28%) TO REMOVE
- PROPOSED 62' PC BOX CULVERT 10'x4' @ 0.5% SLOPE & BOX CUL END SECTIONS, CULVERT NO. 1 (SEE DETAIL IN PS #27)



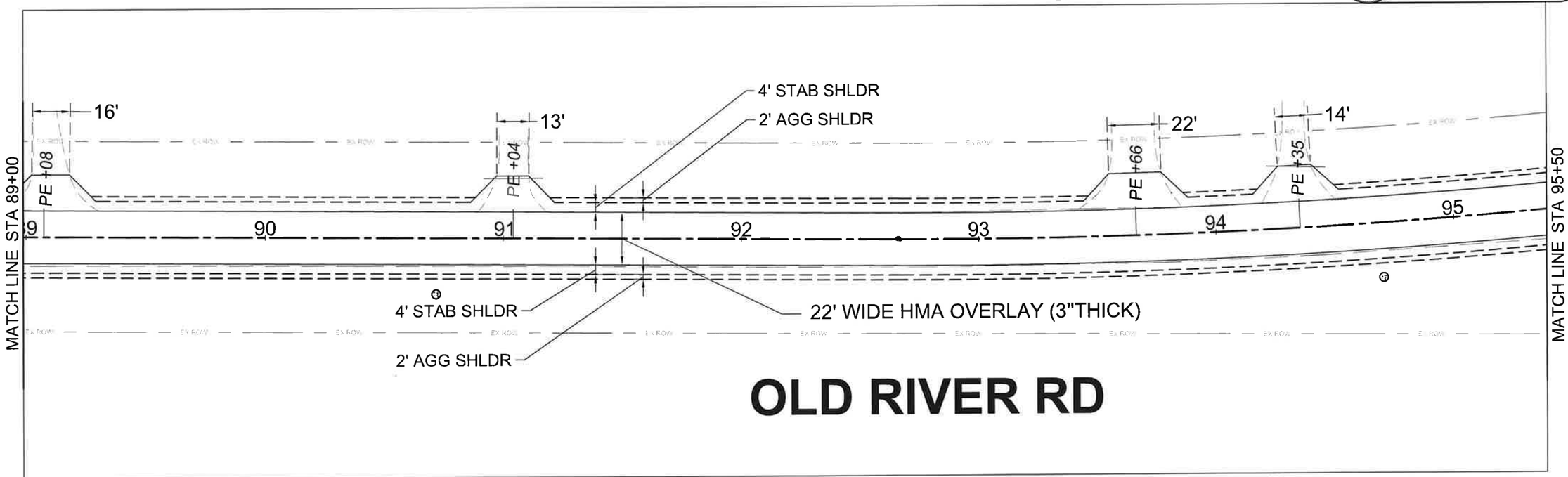
RESURF PLAN

85800

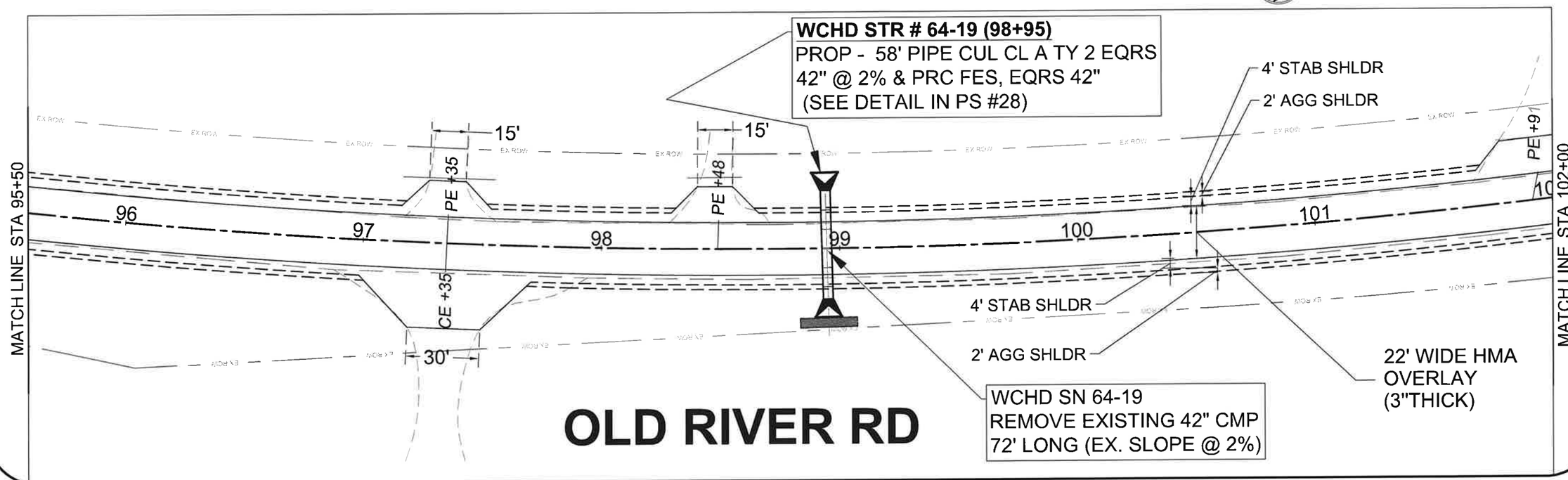
ROUTE	SECTION	SHEET
64	23-00724-00-RS	19 OF 42

OLD RIVER RD STA 89+00 to STA 102+00

0 20 40.0001 80.0002 Feet
1:240



0 20 40.0001 80.0002 Feet
1:240.0005

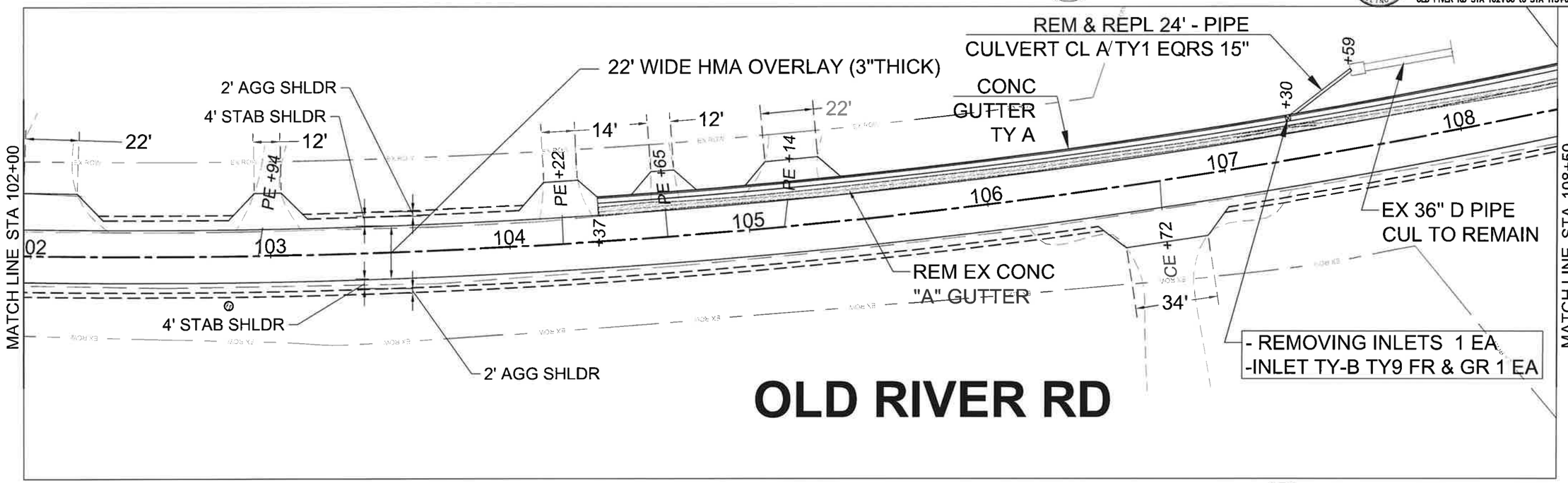


RESURF PLAN

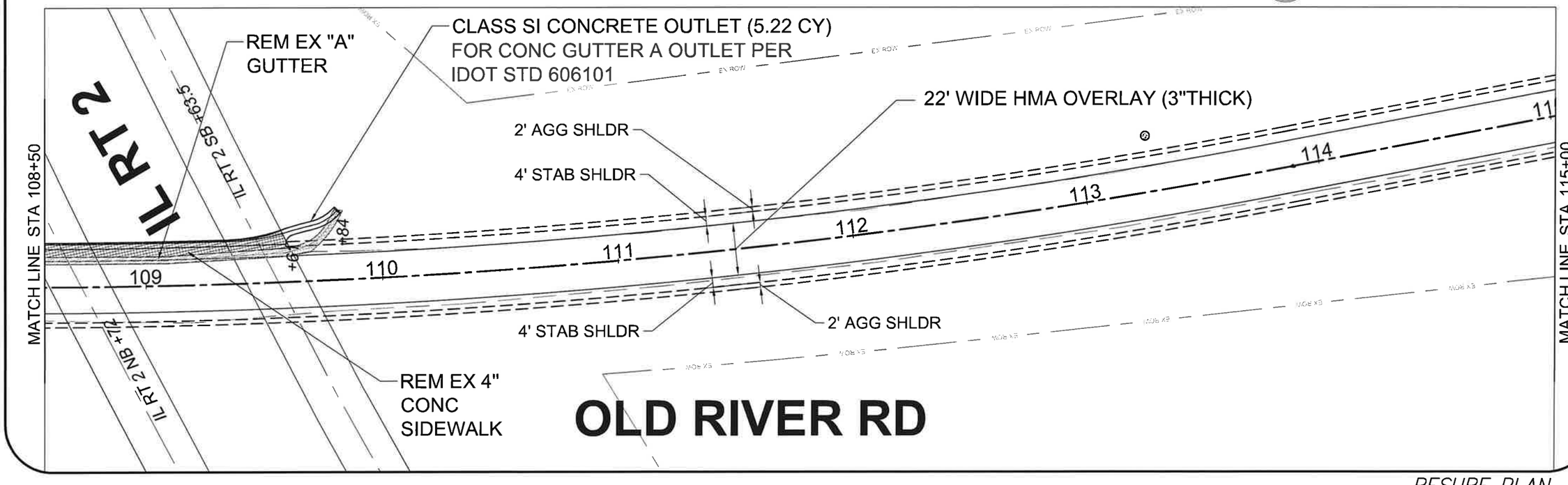
0 20 40.0001 80.0002 Feet
1:240.0005

ROUTE	SECTION	SHEET
64	23-00724-00-RS	20 OF 42

OLD PIVER RD STA 102+00 to STA 115+00



0 20 40.0001 80.0002 Feet
1:240.0005



RESURF PLAN

0 20 40.0001 80.0002 Feet
1:240.0005

ROUTE	SECTION	SHEET
64	23-00724-00-RS	21 OF 42

OLD RIVER RD STA 115+00 to STA 128+00

WCHD STR # 64-20 (117+86)
PROPOSED - 36" EQRS PRCP CL A T-2 76' LONG @ 1.50% WITH 36" PRC FES
(SEE DETAIL IN PS #29)

22' WIDE HMA OVERLAY (3"THICK)

2' AGG SHLDR
4' STAB SHLDR
4' STAB SHLDR
2' AGG SHLDR

4' STAB SHLDR
4' STAB SHLDR

MATCH LINE STA 115+00

15 116 117 118 +14 119 120 121 +25

MATCH LINE STA 121+50

PROP 10' SHARED USE PATH ITEP MUP (VILLAGE OF ROCKTON) PROJECT OVER THE PC BOX CULVERT (BY OTHERS)

SAN MH TO BE ADJ W/ NEW T-1 FR, CL LID

R50'

OLD RIVER RD

0 20 40.0001 80.0002 Feet
1:240.0005

SAN MH TO BE ADJ W/ NEW T-1 FR, CL LID

SAN MH TO BE ADJ W/ NEW T-1 FR, CL LID

15'

PE +95

+72

+81

4' STAB SHLDR
4' STAB SHLDR

MATCH LINE STA 121+50

122 123 124 125 126 +74 127

MATCH LINE STA 128+00

ATHLETIC FIELD ENT +45

R50'

4' STAB SHLDR

OLD RIVER RD

RESURF PLAN

85800

ROUTE	SECTION	SHEET
64	23-00724-00-RS	22 OF 42

OLD PIVER RD STA 128+00 to STA 140+00

0 20 40.0001 80.0002 Feet

1:240.0005

SEE PS 30 for CULVERT INFO

MATCH LINE STA 128+00

2' AGG SHLDR

4' STAB SHLDR

22' WIDE HMA OVERLAY (3"THICK)

4' STAB SHLDR

2' AGG SHLDR

EX ROW

128

129

130

131

132

133

134

PE +42

12'

CE +72

31'

MATCH LINE STA 134+50

OLD RIVER RD

0 20 40.0001 80.0002 Feet

1:240.0005

SEE PS 12 for CULVERT INFO

MATCH LINE STA 134+50

S. FERRY ST / WEST POINT DR

26'

S Ferry St +85.8

WESTPOINT DR +94.3

R30'

SAN MH TO BE ADJ W/ NEW T-1 FR, CL LID

22' WIDE HMA OVERLAY (3"THICK)

2' AGG SHLDR

23'

PE +63

135

136

137

138

139

PE +82

PE +43

12'

PE +94

13'

PE +68

20'

BRIDGE ST

OLD RIVER RD / RUSSELL ST

MATCH LINE STA 140+00

RESURF PLAN

85800

ROUTE	SECTION	SHEET
64	23-00724-00-RS	23 OF 42

OLD RIVER RD STA 140+00 to STA 147+58

0 20 40.0001 80.0002 Feet
1:240.0005

SAN MH TO BE ADJ
W/ NEW T-1 FR, CL LID

22' WIDE HMA OVERLAY (3"THICK)

2' AGG SHLDR

MATCH LINE STA 140+00

MATCH LINE STA 146+50

12' 15' 14' 16' 12' 22' 12'

PE +20 PE +14 PE +40 PE +68 PE +09 PE +81 PE +02

0+09

140 141 142 143 144 145 146

PE +14 PE +12 PE +54 PE +76 PE +02

15' 16' 24' 17' 21'

2' AGG SHLDR

OLD RIVER RD / RUSSELL ST

BRIDGE ST

WEST POINT DR

S. FERRY ST

134 135 136

+92

PROP 10' SHARED USE PATH
ITEP MUP (VILLAGE OF ROCKTON) PROJECT OVER THE PC BOX CULVERT (BY OTHERS)

SAN MH TO BE ADJ
W/ NEW T-1 FR, CL LID

EX GUARD RAIL TO REMAIN

WCHD STR # 64-21 (134+42)
PROP 8' x 3' PRC BOX CUL (0 DEG SKEW) x 85' LONG @ 2.3% WITH 2 PRC END SECTIONS
(SEE DETAIL IN PS #30)

0 20 40.0001 80.0002 Feet
1:240.0005

MATCH LINE STA 146+50

OLD RIVER RD / RUSSELL ST

PE +44

147

IL RT 75

IL RT 75 +52.8

PROJECT ENDS +80

2' AGG SHLDR

22' WIDE HMA OVERLAY (3"THICK)

2' AGG SHLDR

60' BUTT JT See Detail

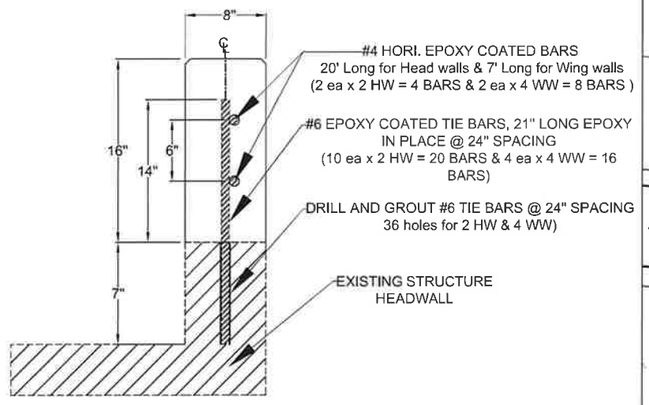
RESURF PLAN

ROUTE	SECTION	SHEET
64	23-00724-00-RS	24 OF 42

OLD RIVER RD RC BOX CULVERT 64-15

0 20 40.0001 80.0002 Feet

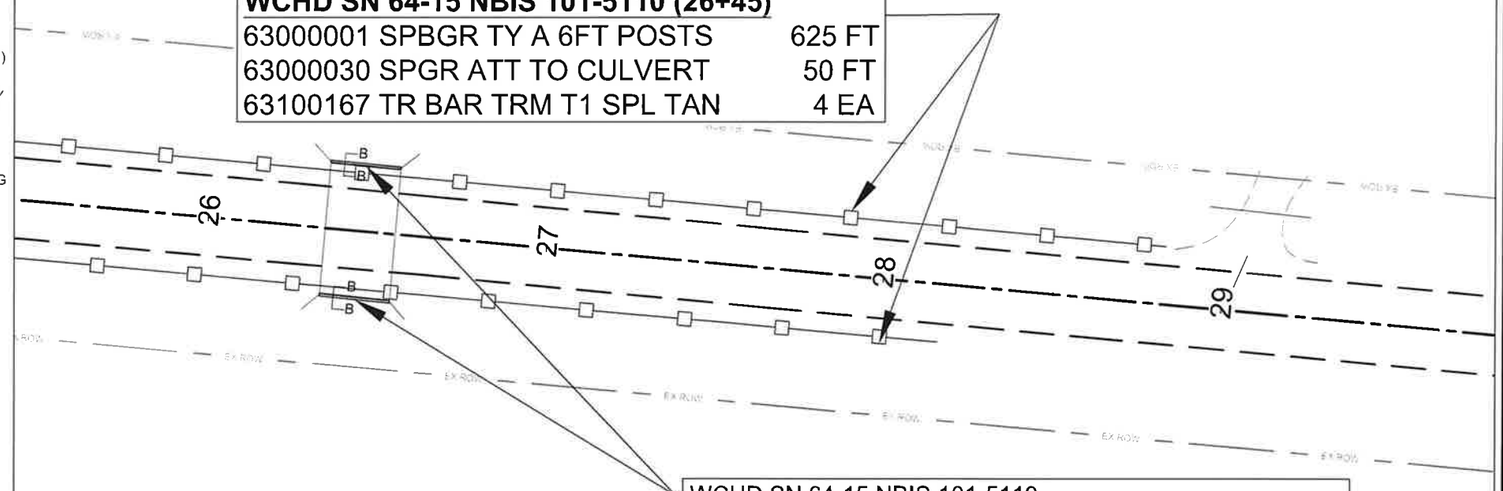
1:240.0005



SECTION B-B (NTS)
HEAD WALL EXTENSION DETAIL
(OVER RC BOX CULVERT)
STA 26+34.7 TO 26+55.3 (19' L & 19' R)

WCHD SN 64-15 NBIS 101-5110 (26+45)

63000001 SPBGR TY A 6FT POSTS	625 FT
63000030 SPGR ATT TO CULVERT	50 FT
63100167 TR BAR TRM T1 SPL TAN	4 EA

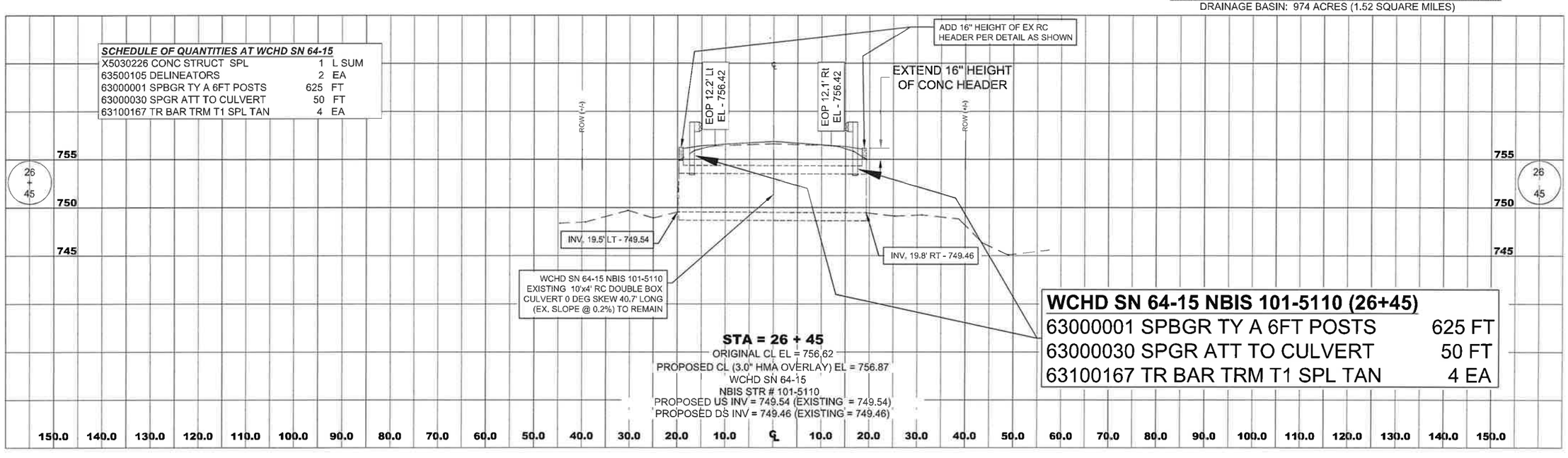


WCHD SN 64-15 NBIS 101-5110
- EXISTING 10'x4' RC DOUBLE BOX CULVERT 42' LONG (EX. SLOPE @ 0.2%) TO REMAIN
- EXTEND 16" HEIGHT OF EXIST CONC HEADER & WING WALLS, BOTH SIDE AS PER DETAIL

WCHD SN 64-15: OLD RIVER ROAD (APPROX. 0.5 N OF ROSCOE RD
DRAINAGE BASIN: 974 ACRES (1.52 SQUARE MILES)

SCHEDULE OF QUANTITIES AT WCHD SN 64-15

X5030226 CONC STRUCT SPL	1	L SUM
63500105 DELINEATORS	2	EA
63000001 SPBGR TY A 6FT POSTS	625	FT
63000030 SPGR ATT TO CULVERT	50	FT
63100167 TR BAR TRM T1 SPL TAN	4	EA

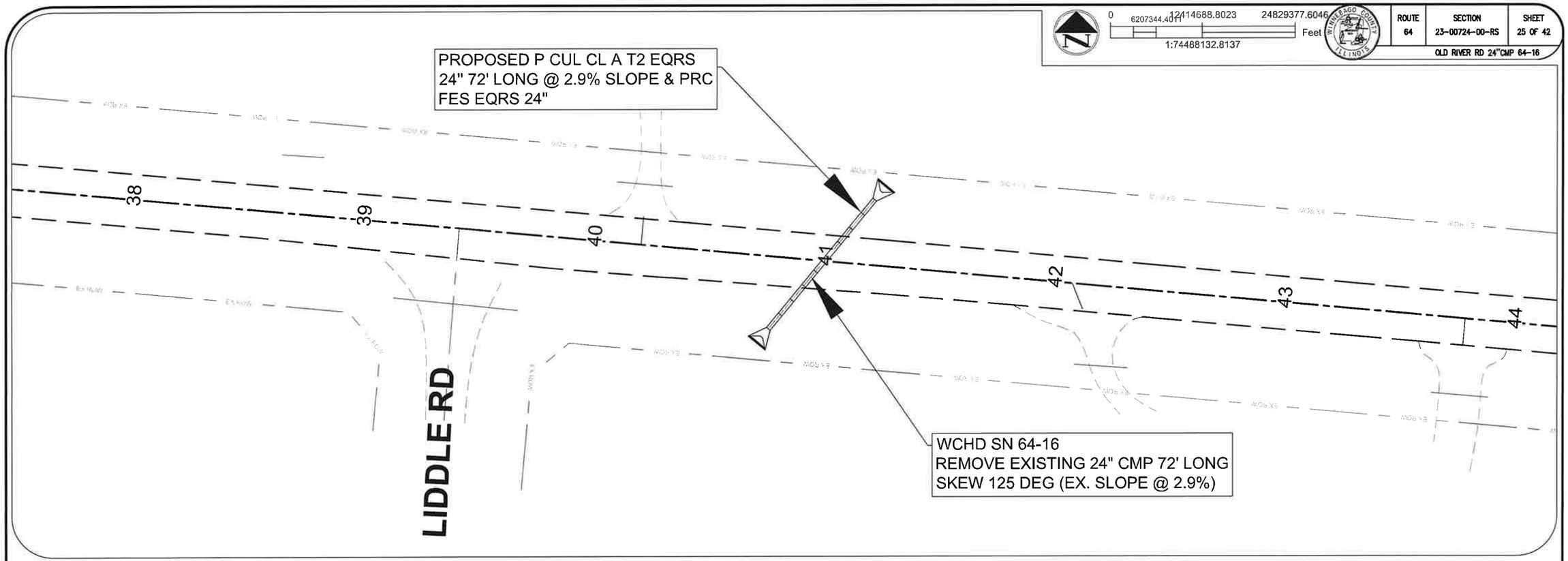


WCHD SN 64-15 NBIS 101-5110 (26+45)

63000001 SPBGR TY A 6FT POSTS	625 FT
63000030 SPGR ATT TO CULVERT	50 FT
63100167 TR BAR TRM T1 SPL TAN	4 EA

10'x4' RC DOUBLE BOX CUL WCHD # 64-15

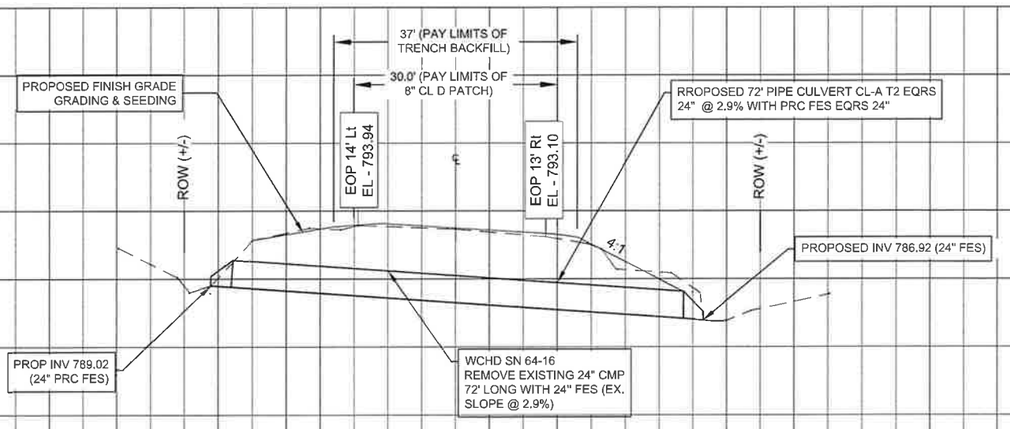
85800



SCHEDULE OF QUANTITIES AT WCHD SN 64-16

TRENCH BACKFILL	29.8 CY
PIPE CULVERT REM	72 FT
CLASS D PATCH TY III 8"	17 SY
SAW CUTS	24 FT
P CUL CL A T2 EQRS 24"	72 FT
PRC FES EQRS 24"	2 EA
DELINEATORS	2 EA
SEEDIND CL 2A	0.03 ACRE
NITROGEN FERT NUTR	3 POUND
PHOSPHORUS FERT NUTR	3 POUND
POTASSIUM FERT NUTR	3 POUND
MULCH, METHOD 2	0.03 ACRE

72' PIPE CULVERT CLASS A T 2 EQRS 24" AT 2.9% SLOPE & PRC FES EQRS 24"



GENERAL NOTE: THE CONTRACTOR SHALL BE REQUIRED TO SHAPE, BLEND, AND TRANSITION THE ROADSIDE FORESLOPE AND BACKSLOPE, IF DIRECTED BY THE ENGINEER, THE FINISH GRADE SHALL CLOSELY MATCH THE PRECAST REINFORCED CONCRETE END SECTION CONTOUR AND SHALL BE AT OR SLIGHTLY ABOVE THE END SECTION.

STA = 41 + 00
ORIGINAL CL EL = 793.67
PROPOSED CL (3.0" HMA OVERLAY) EL = 793.92

WCHD SN 64-16
PROPOSED US INV (FES) = 789.02 (EXISTING (FES) = 789.02)
PROPOSED DS INV (FES) = 786.92 (EXISTING (FES) = 786.92)

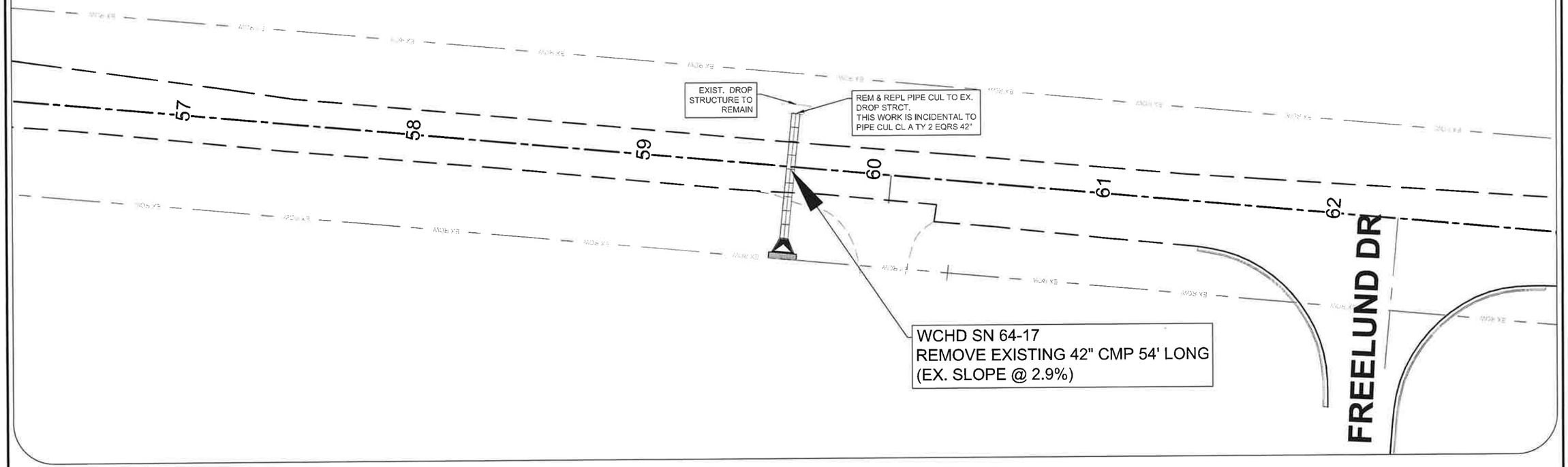
PRCP 24"D CL A T2 WCHD # 64-16

85800

ROUTE	SECTION	SHEET
64	23-00724-00-RS	26 OF 42

OLD RIVER RD 42"CMP 64-17

0 20 40 80 Feet
1:240



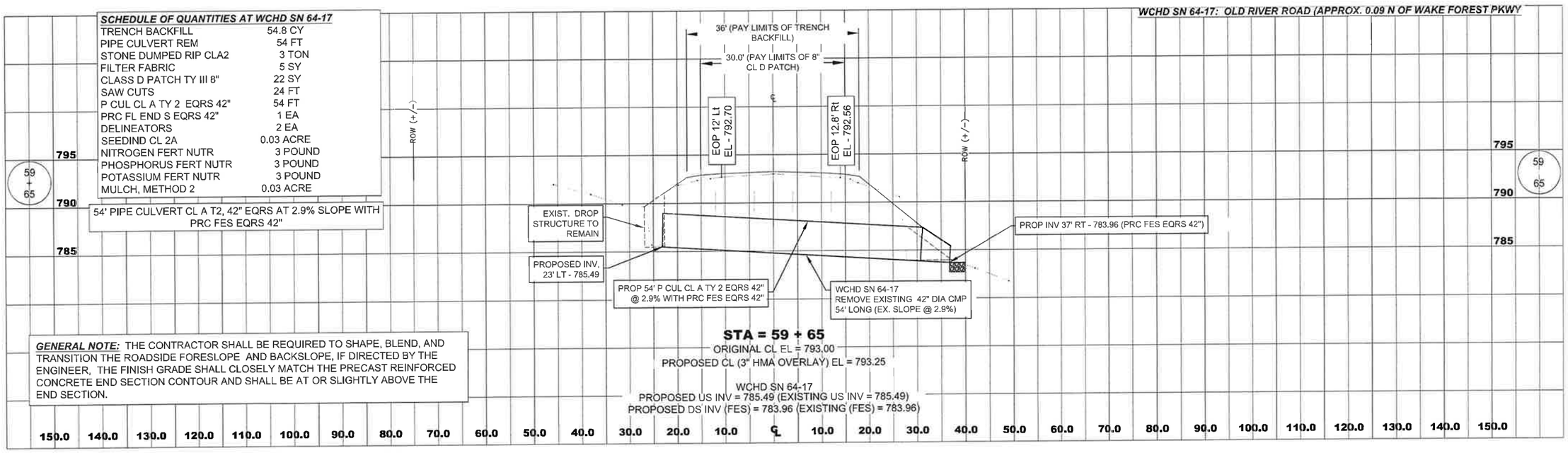
SCHEDULE OF QUANTITIES AT WCHD SN 64-17

TRENCH BACKFILL	54.8 CY
PIPE CULVERT REM	54 FT
STONE DUMPED RIP CLA2	3 TON
FILTER FABRIC	5 SY
CLASS D PATCH TY III 8"	22 SY
SAW CUTS	24 FT
P CUL CL A TY 2 EQRS 42"	54 FT
PRC FL END S EQRS 42"	1 EA
DELINEATORS	2 EA
SEEDIND CL 2A	0.03 ACRE
NITROGEN FERT NUTR	3 POUND
PHOSPHORUS FERT NUTR	3 POUND
POTASSIUM FERT NUTR	3 POUND
MULCH, METHOD 2	0.03 ACRE

54' PIPE CULVERT CL A T2, 42" EQRS AT 2.9% SLOPE WITH PRC FES EQRS 42"

GENERAL NOTE: THE CONTRACTOR SHALL BE REQUIRED TO SHAPE, BLEND, AND TRANSITION THE ROADSIDE FORESLOPE AND BACKSLOPE, IF DIRECTED BY THE ENGINEER, THE FINISH GRADE SHALL CLOSELY MATCH THE PRECAST REINFORCED CONCRETE END SECTION CONTOUR AND SHALL BE AT OR SLIGHTLY ABOVE THE END SECTION.

WCHD SN 64-17: OLD RIVER ROAD (APPROX. 0.09 N OF WAKE FOREST PKWY



STA = 59 + 65
ORIGINAL CL EL = 793.00
PROPOSED CL (3" HMA OVERLAY) EL = 793.25

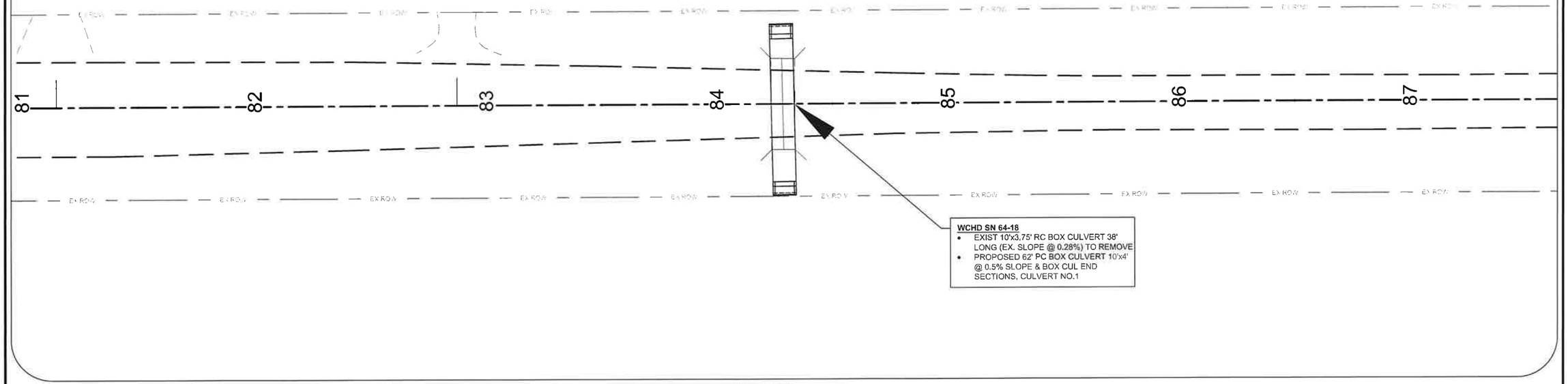
WCHD SN 64-17
PROPOSED US INV = 785.49 (EXISTING US INV = 785.49)
PROPOSED DS INV (FES) = 783.96 (EXISTING (FES) = 783.96)

42"DIA PRCP CL A T2 WCHD # 64-17

0 20 40 80 Feet
1:240

ROUTE	SECTION	SHEET
64	23-00724-00-RS	27 OF 42

OLD RIVER RD RC BOX CULVERT 64-18

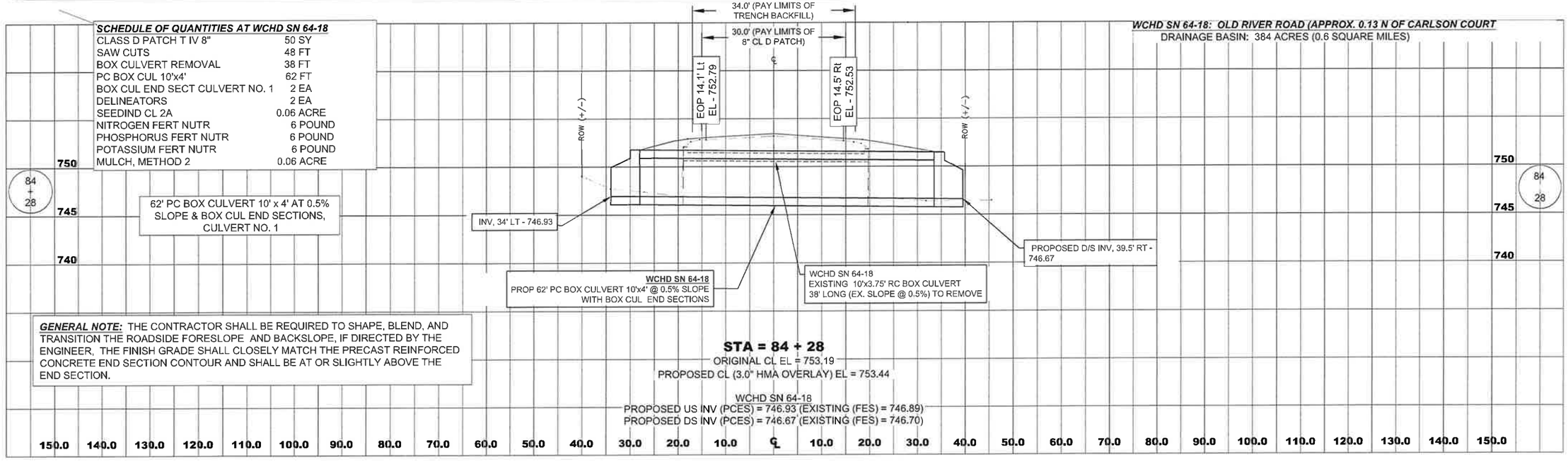


SCHEDULE OF QUANTITIES AT WCHD SN 64-18

CLASS D PATCH T IV 8"	50 SY
SAW CUTS	48 FT
BOX CULVERT REMOVAL	38 FT
PC BOX CUL 10'x4'	62 FT
BOX CUL END SECT CULVERT NO. 1	2 EA
DELINEATORS	2 EA
SEEDIND CL 2A	0.06 ACRE
NITROGEN FERT NUTR	6 POUND
PHOSPHORUS FERT NUTR	6 POUND
POTASSIUM FERT NUTR	6 POUND
MULCH, METHOD 2	0.06 ACRE

GENERAL NOTE: THE CONTRACTOR SHALL BE REQUIRED TO SHAPE, BLEND, AND TRANSITION THE ROADSIDE FORESLOPE AND BACKSLOPE, IF DIRECTED BY THE ENGINEER, THE FINISH GRADE SHALL CLOSELY MATCH THE PRECAST REINFORCED CONCRETE END SECTION CONTOUR AND SHALL BE AT OR SLIGHTLY ABOVE THE END SECTION.

WCHD SN 64-18: OLD RIVER ROAD (APPROX. 0.13 N OF CARLSON COURT
DRAINAGE BASIN: 384 ACRES (0.6 SQUARE MILES)

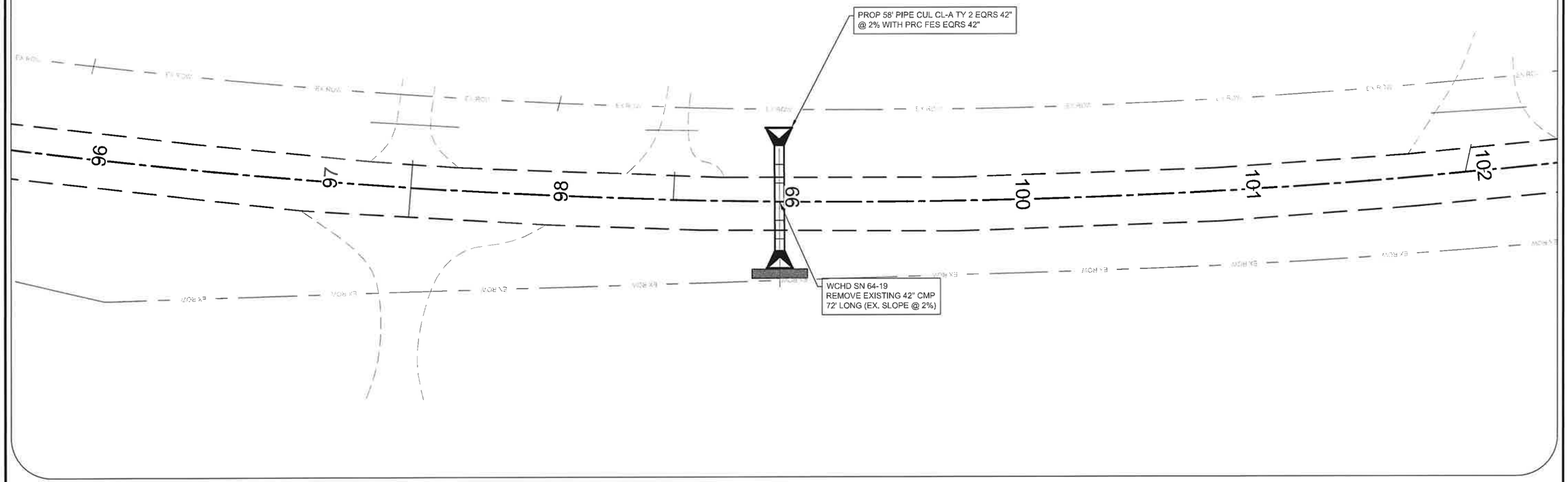


10'x4' PC BOX CUL WCHD # 64-18

0 20 40 80 Feet
1:240

ROUTE	SECTION	SHEET
64	23-00724-00-RS	28 OF 42

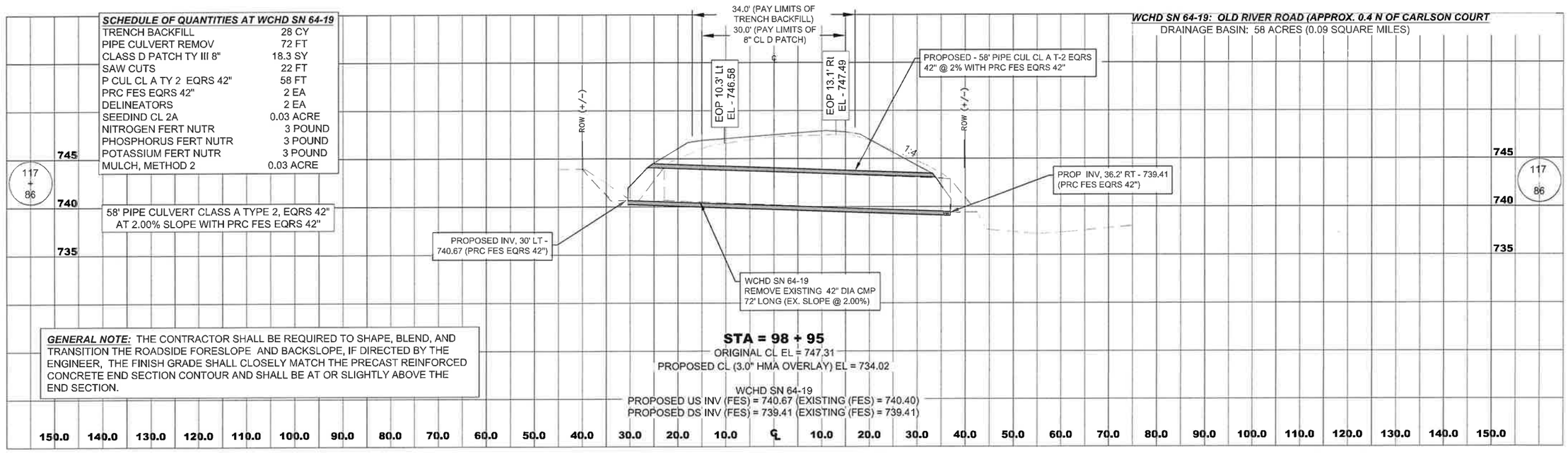
OLD RIVER RD PRCP 42"D CULVERT 64-19



SCHEDULE OF QUANTITIES AT WCHD SN 64-19

TRENCH BACKFILL	28 CY
PIPE CULVERT REMOV	72 FT
CLASS D PATCH TY III 8"	18.3 SY
SAW CUTS	22 FT
P CUL CL A TY 2 EQRS 42"	58 FT
PRC FES EQRS 42"	2 EA
DELINEATORS	2 EA
SEEDIND CL 2A	0.03 ACRE
NITROGEN FERT NUTR	3 POUND
PHOSPHORUS FERT NUTR	3 POUND
POTASSIUM FERT NUTR	3 POUND
MULCH, METHOD 2	0.03 ACRE

58' PIPE CULVERT CLASS A TYPE 2, EQRS 42" AT 2.00% SLOPE WITH PRC FES EQRS 42"



WCHD SN 64-19: OLD RIVER ROAD (APPROX. 0.4 N OF CARLSON COURT

DRAINAGE BASIN: 58 ACRES (0.09 SQUARE MILES)

STA = 98 + 95

ORIGINAL CL EL = 747.31

PROPOSED CL (3.0" HMA OVERLAY) EL = 734.02

WCHD SN 64-19

PROPOSED US INV (FES) = 740.67 (EXISTING (FES) = 740.40)

PROPOSED DS INV (FES) = 739.41 (EXISTING (FES) = 739.41)

GENERAL NOTE: THE CONTRACTOR SHALL BE REQUIRED TO SHAPE, BLEND, AND TRANSITION THE ROADSIDE FORESLOPE AND BACKSLOPE, IF DIRECTED BY THE ENGINEER, THE FINISH GRADE SHALL CLOSELY MATCH THE PRECAST REINFORCED CONCRETE END SECTION CONTOUR AND SHALL BE AT OR SLIGHTLY ABOVE THE END SECTION.

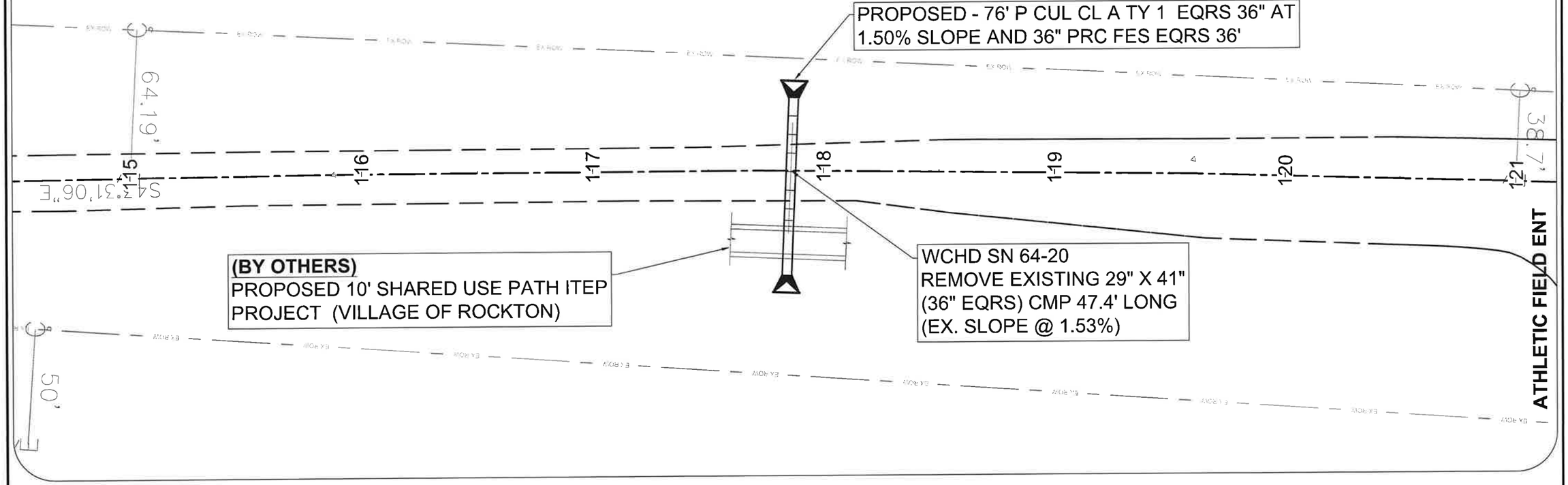
85800

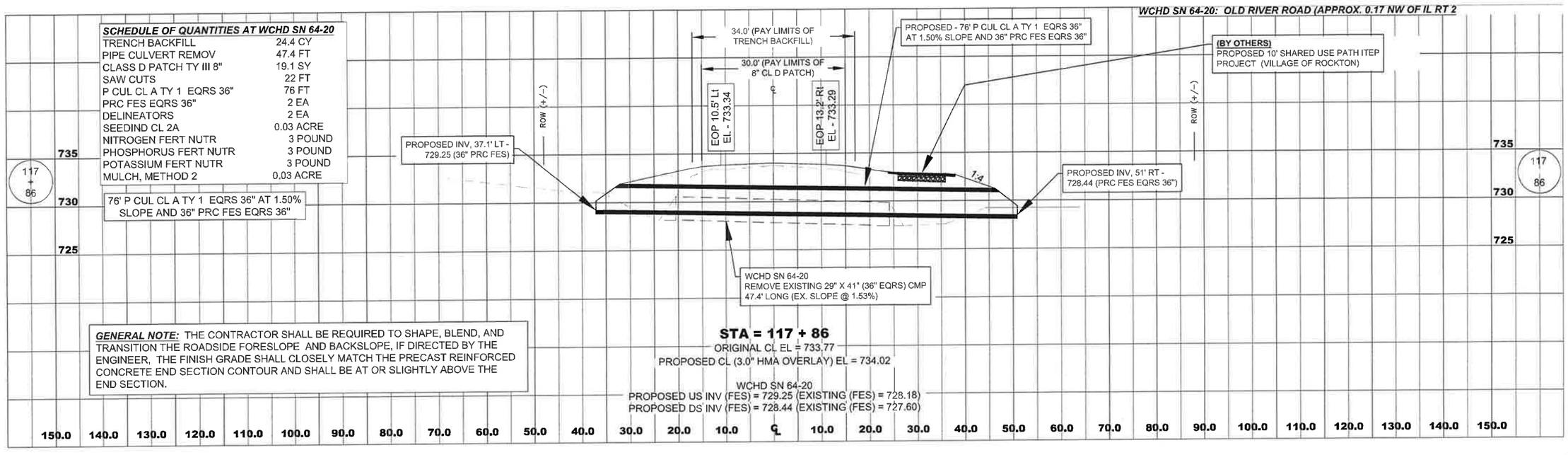
ROUTE	SECTION	SHEET
64	23-00724-00-RS	29 OF 42

LAYOUT

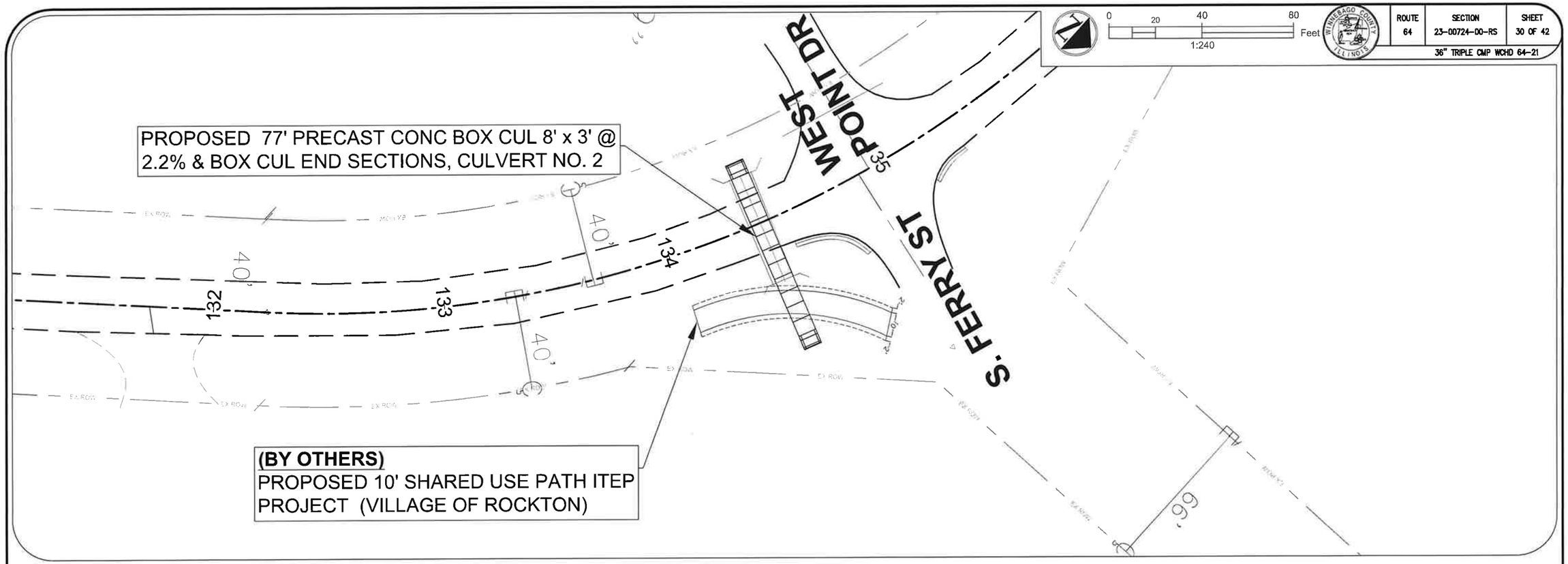
0 20 40 80 Feet

1:240





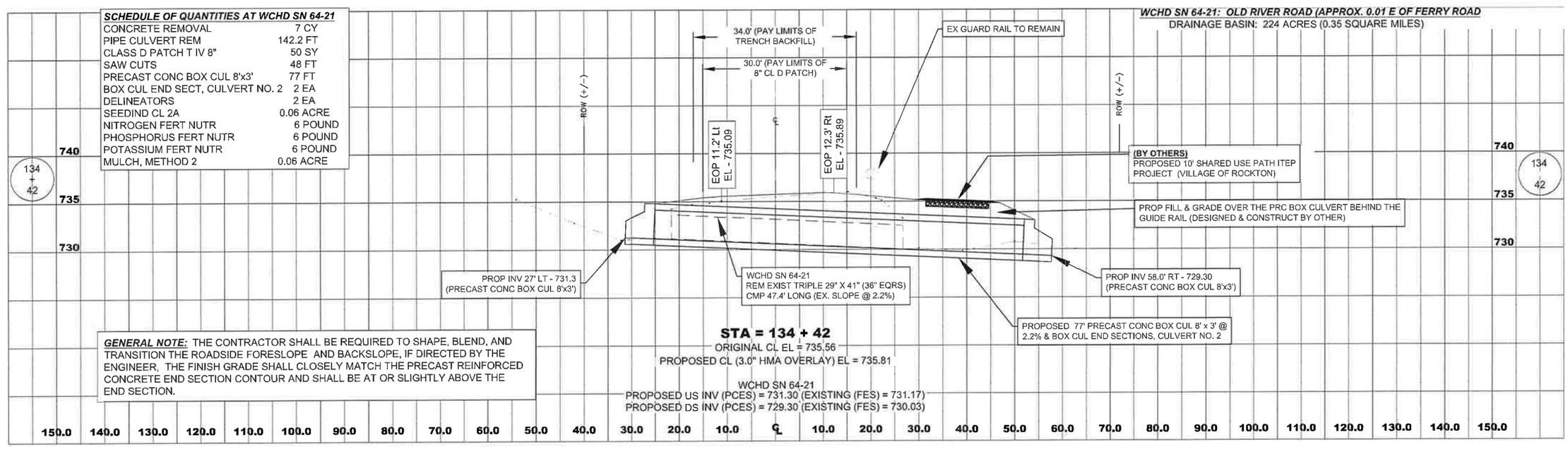
PRCP 36" DIA CL A T2 WCHD # 64-20



SCHEDULE OF QUANTITIES AT WCHD SN 64-21

CONCRETE REMOVAL	7 CY
PIPE CULVERT REM	142.2 FT
CLASS D PATCH T IV 8"	50 SY
SAW CUTS	48 FT
PRECAST CONC BOX CUL 8'x3'	77 FT
BOX CUL END SECT, CULVERT NO. 2	2 EA
DELINEATORS	2 EA
SEEDIND CL 2A	0.06 ACRE
NITROGEN FERT NUTR	6 POUND
PHOSPHORUS FERT NUTR	6 POUND
POTASSIUM FERT NUTR	6 POUND
MULCH, METHOD 2	0.06 ACRE

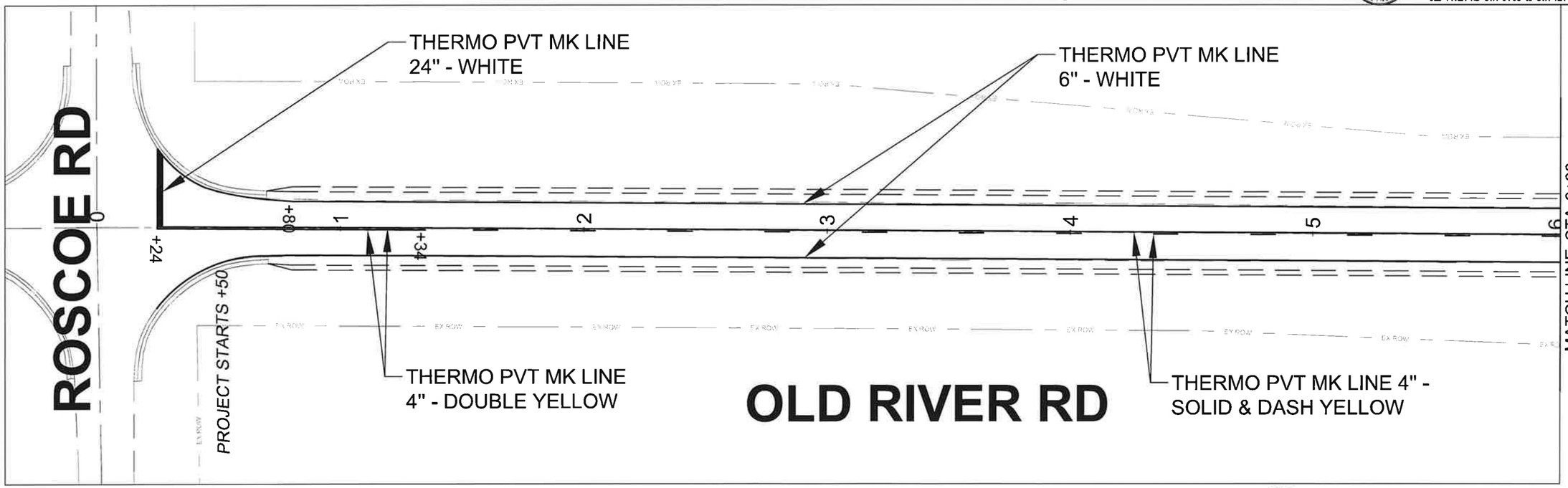
GENERAL NOTE: THE CONTRACTOR SHALL BE REQUIRED TO SHAPE, BLEND, AND TRANSITION THE ROADSIDE FORESLOPE AND BACKSLOPE, IF DIRECTED BY THE ENGINEER, THE FINISH GRADE SHALL CLOSELY MATCH THE PRECAST REINFORCED CONCRETE END SECTION CONTOUR AND SHALL BE AT OR SLIGHTLY ABOVE THE END SECTION.

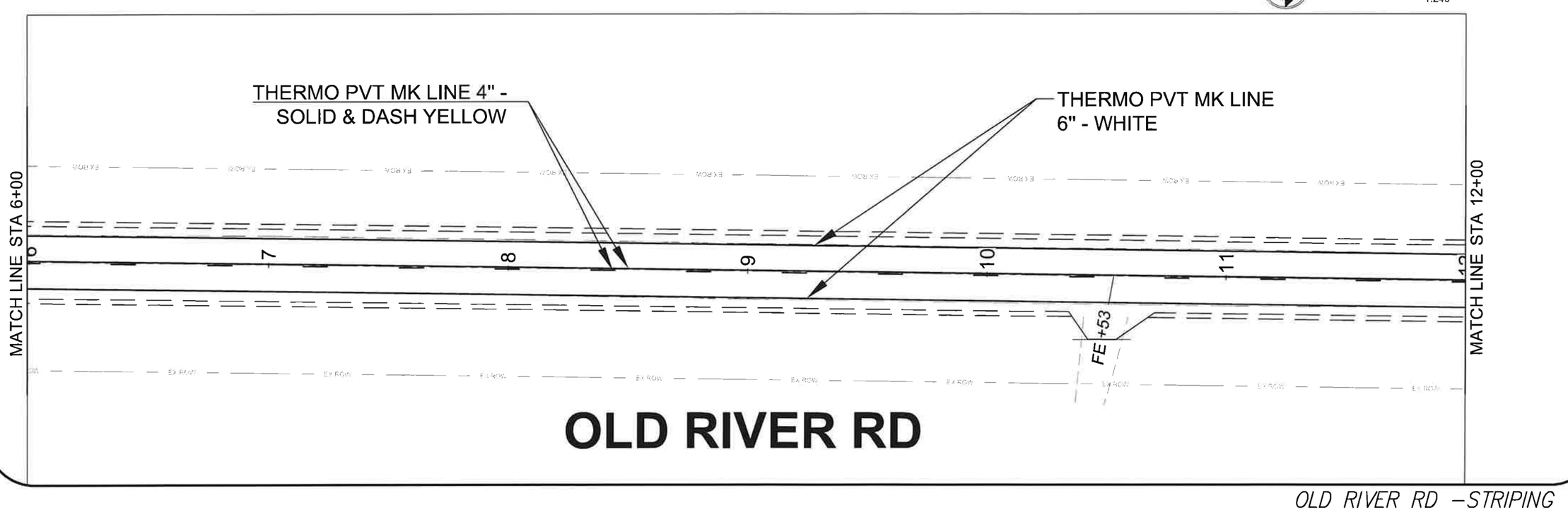


PRC BOX CUL 8'x3' WCHD # 64-21

ROUTE	SECTION	SHEET
9886	23-00724-00-RS	31 OF 42

OLD RIVER RD STA 0+00 to STA 12+00



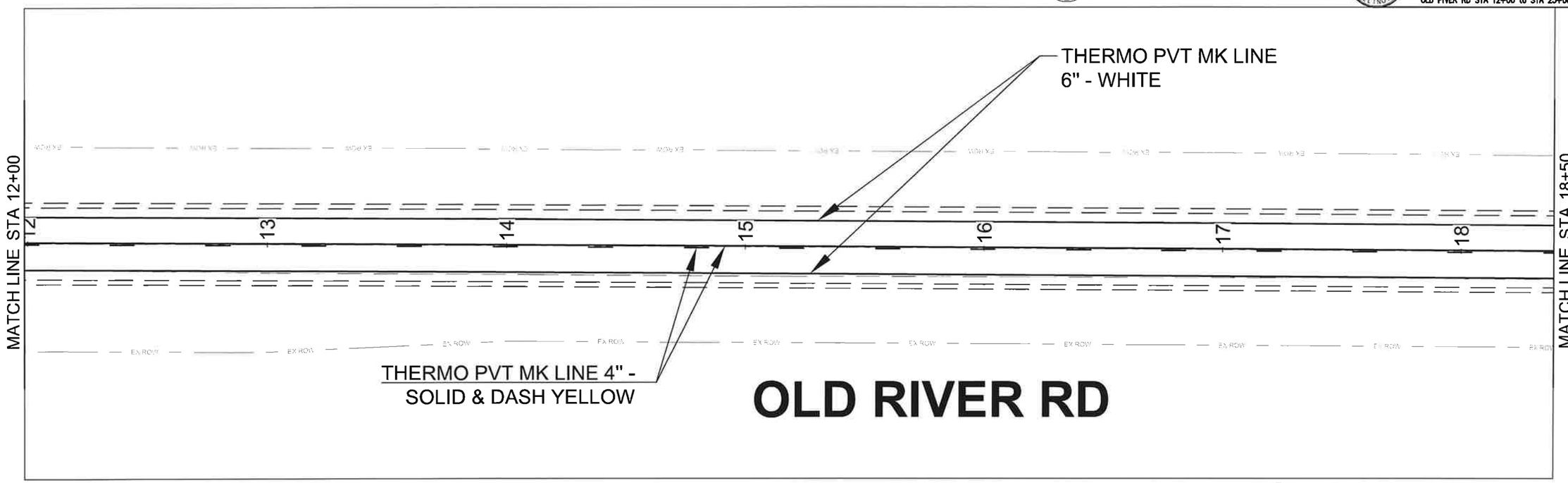


OLD RIVER RD –STRIPING

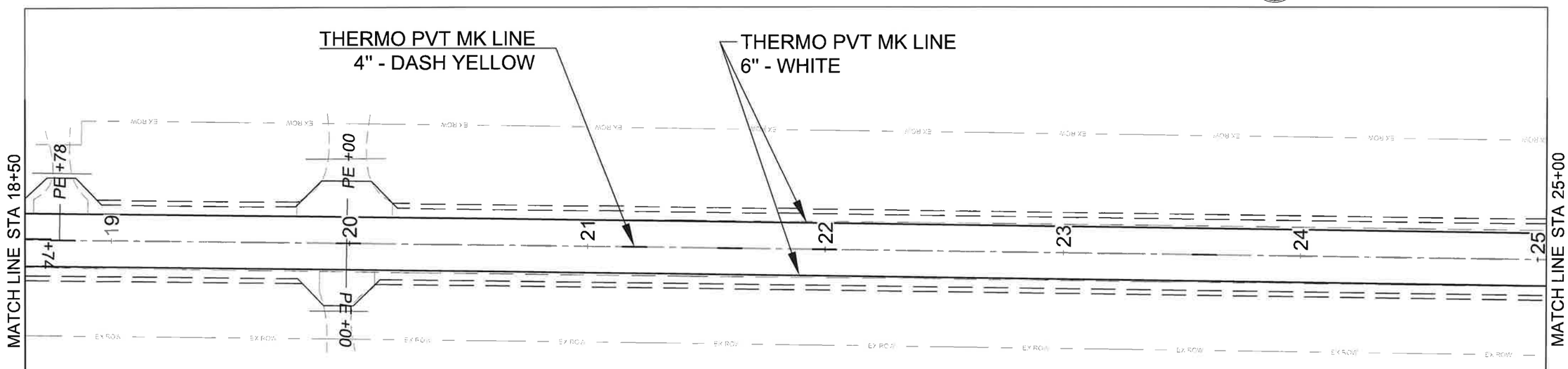
ROUTE	SECTION	SHEET
9886	23-00724-00-RS	32 OF 42

OLD RIVER RD STA 12+00 to STA 25+00

0 20 40 80 Feet
1:240



0 20 40 80 Feet
1:240

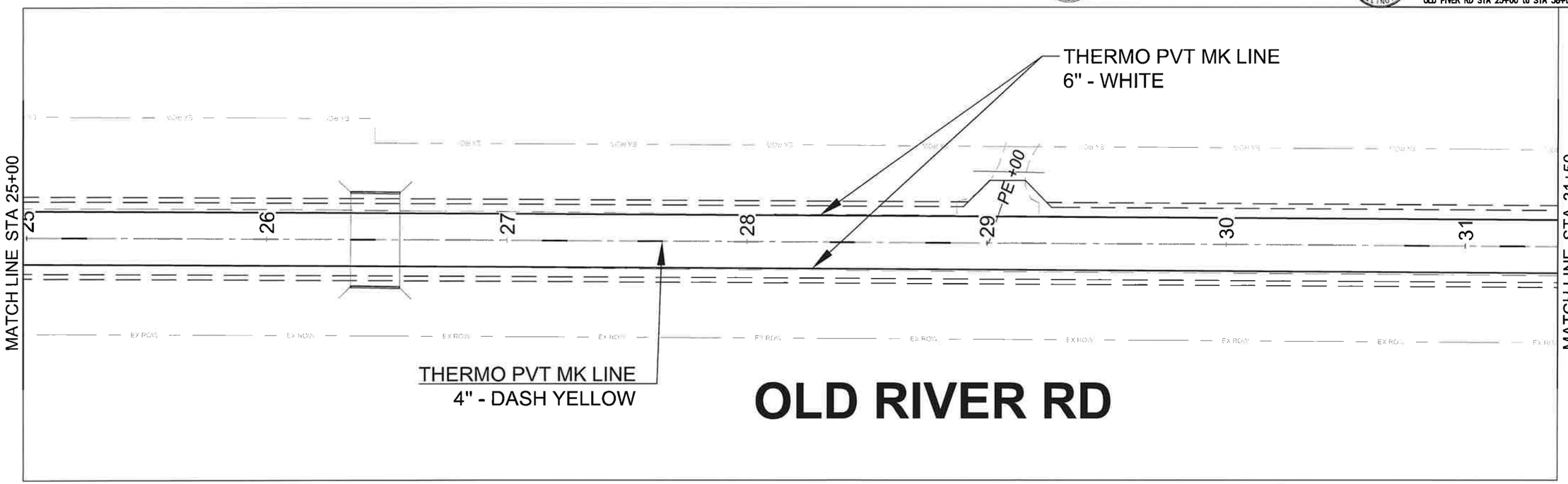


OLD RIVER RD – STRIPING

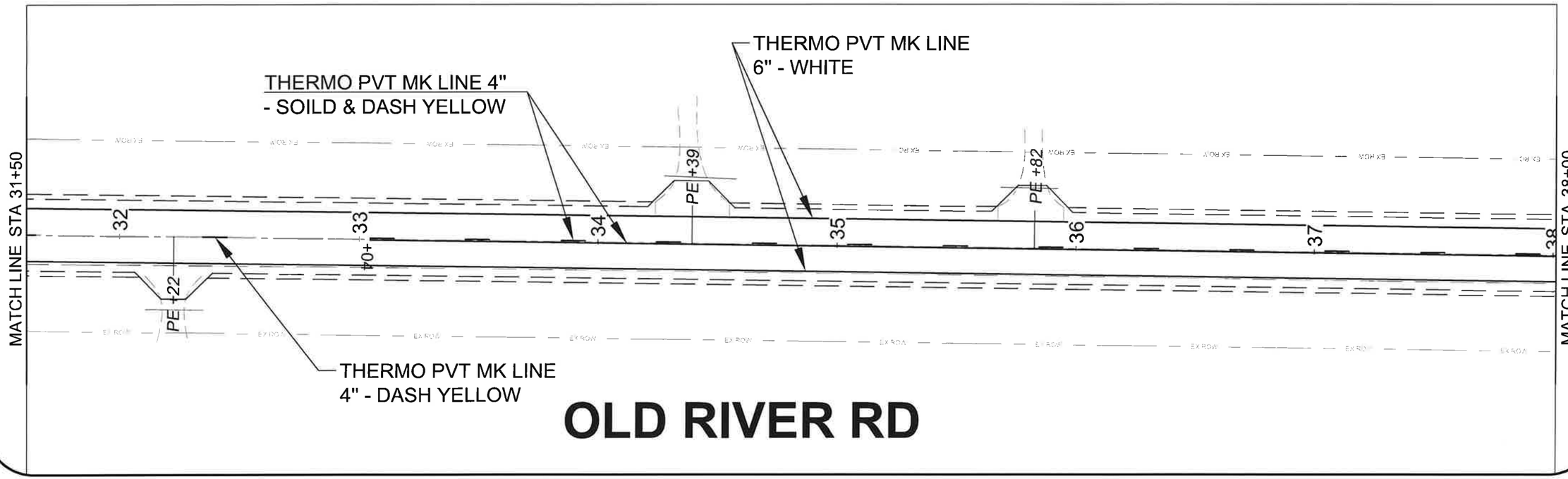
0 20 40 80 Feet
1:240

ROUTE	SECTION	SHEET
9886	23-00724-00-RS	33 OF 42

OLD RIVER RD STA 25+00 to STA 38+00



0 20 40 80 Feet
1:240

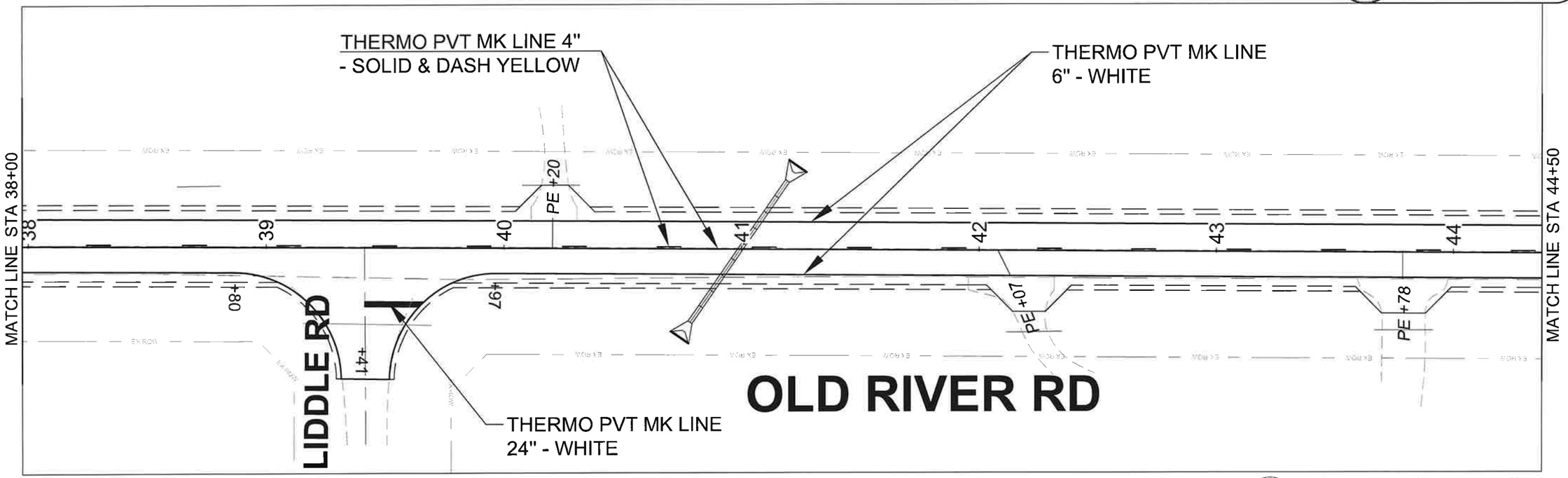


OLD RIVER RD –STRIPING

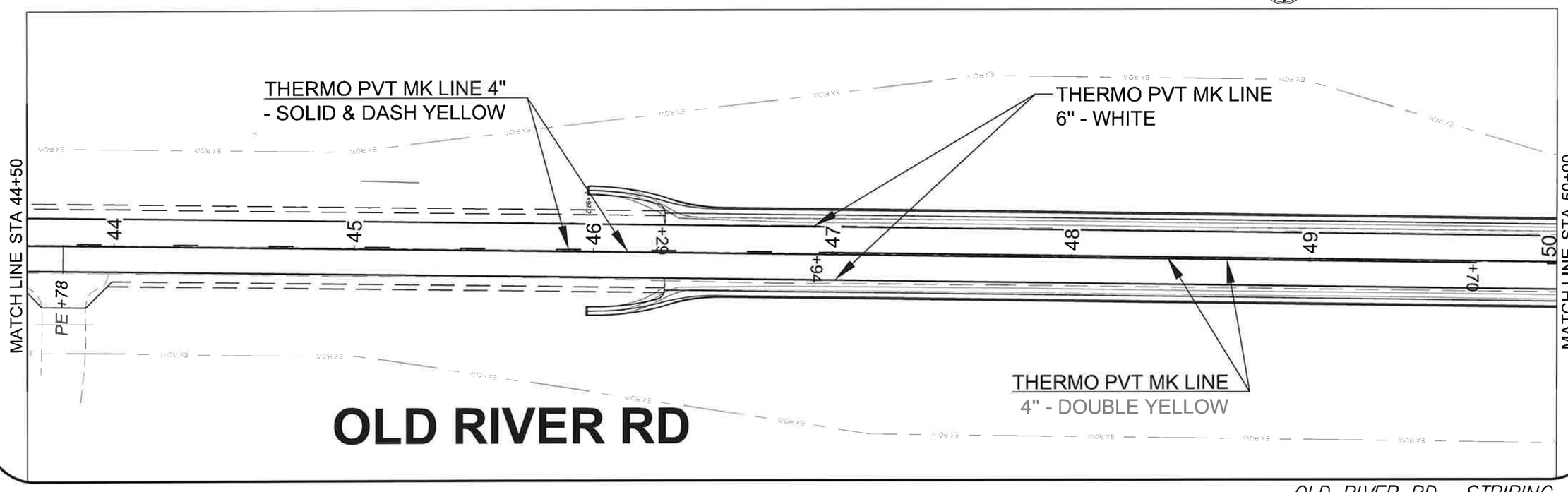
0 20 40 80 Feet
1:240

ROUTE	SECTION	SHEET
9886	23-00724-00-RS	34 OF 42

OLD PIVER RD STA 38+00 to STA 50+00



0 20 40 80 Feet
1:240



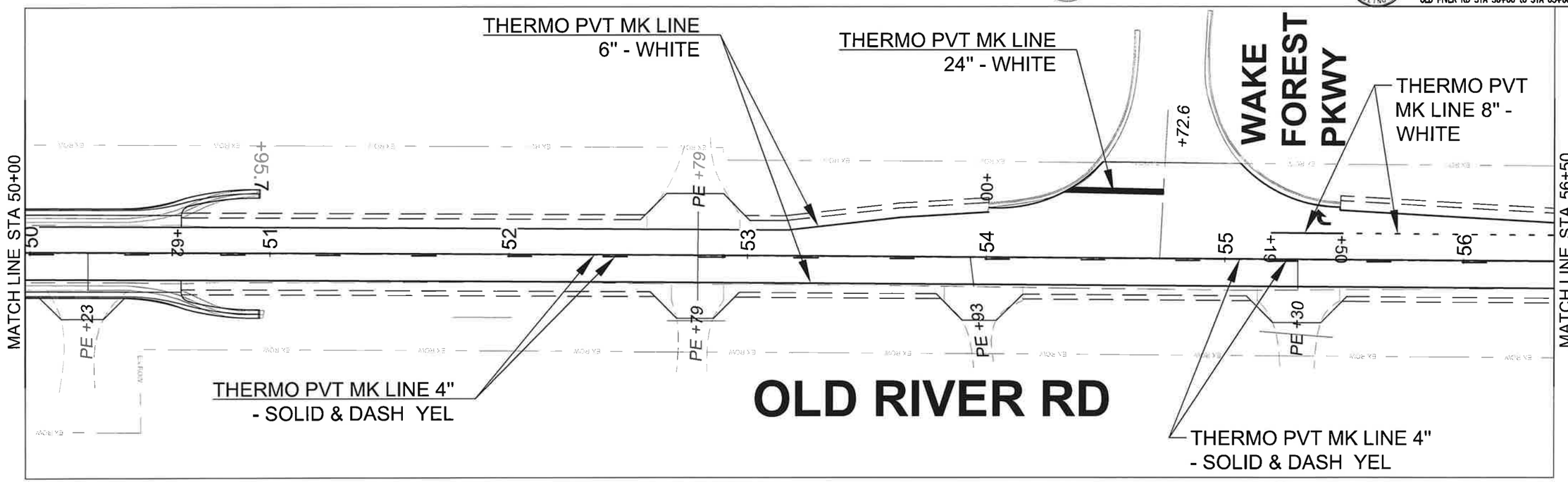
OLD RIVER RD –STRIPING

85800

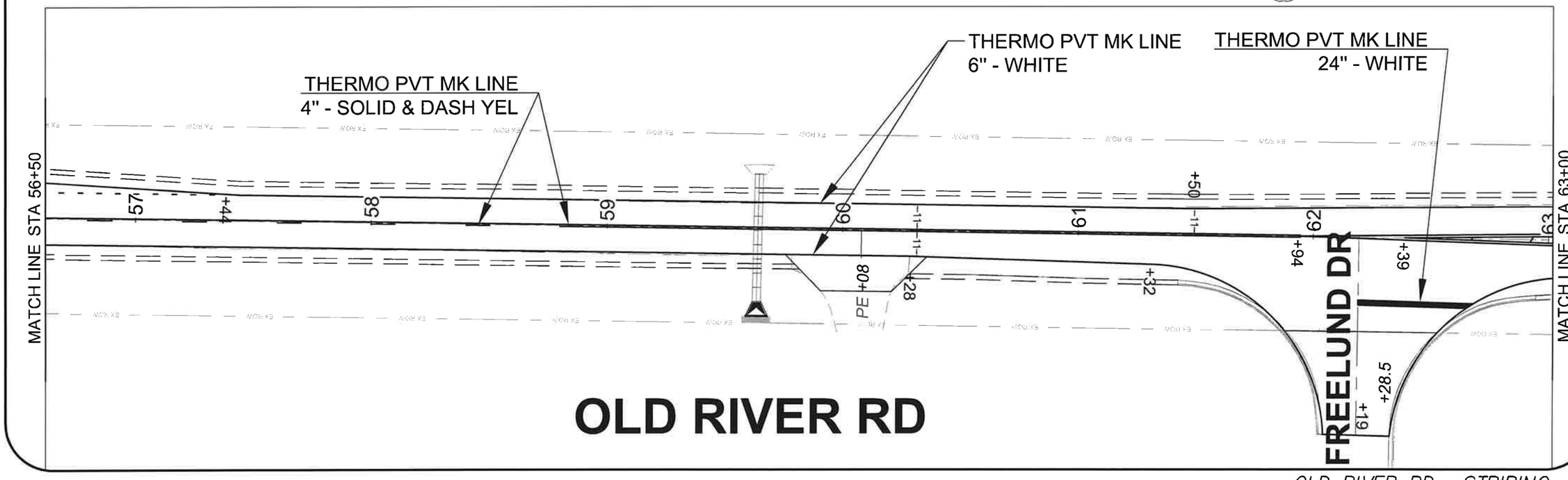
ROUTE	SECTION	SHEET
9886	23-00724-00-RS	35 OF 42

OLD PIVER RD STA 50+00 to STA 63+00

0 20 40 80 Feet
1:240



0 20 40 80 Feet
1:240



OLD RIVER RD –STRIPING

85800

ROUTE	SECTION	SHEET
9886	23-00724-00-RS	36 OF 42

OLD RIVER RD STA 63+00 to STA 76+00

0 20 40 80 Feet
1:240

THERMO PVT MK LINE
4" - DOUBLE YELLOW

THERMO PVT MK LINE
6" - WHITE

THERMO PVT MK - L&S

THERMO PVT MK LINE
12" - YEL 25' SPACE

THERMO PVT MK LINE
8" - WHITE

MATCH LINE STA 63+00

MATCH LINE STA 69+50

63 +64 +65 +95 69 +18 79 +39 89 +42 +69 +28 +22 +00

11' 11' 11'

OLD RIVER RD

UNIVERSITY PKWY

THERMO PVT MK LINE
8" - WHITE

THERMO PVT MK LINE
4" - DOUBLE YELLOW

THERMO PVT MK LINE
6" - WHITE

THERMO PVT MK LINE
12" - YEL 25' SPACE

THERMO PVT MK - L&S

THERMO PVT MK LINE
24" - WHITE

0 20 40 80 Feet
1:240

MATCH LINE STA 69+50

MATCH LINE STA 76+00

+83.2 +69 +32 +17 70 +36 +62 +85 11' 11' 11' 27 11' 6' 11' +27 73 +75 74 75 76

R50 R50 R50 R50

OLD RIVER RD

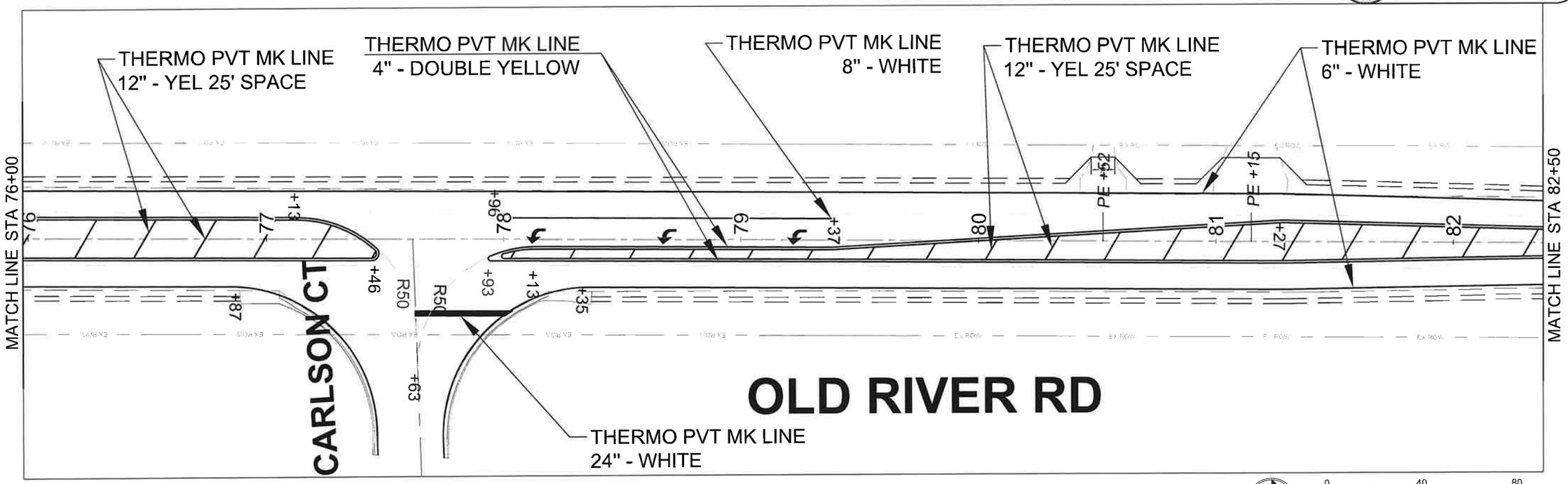
OLD RIVER RD –STRIPING

85800

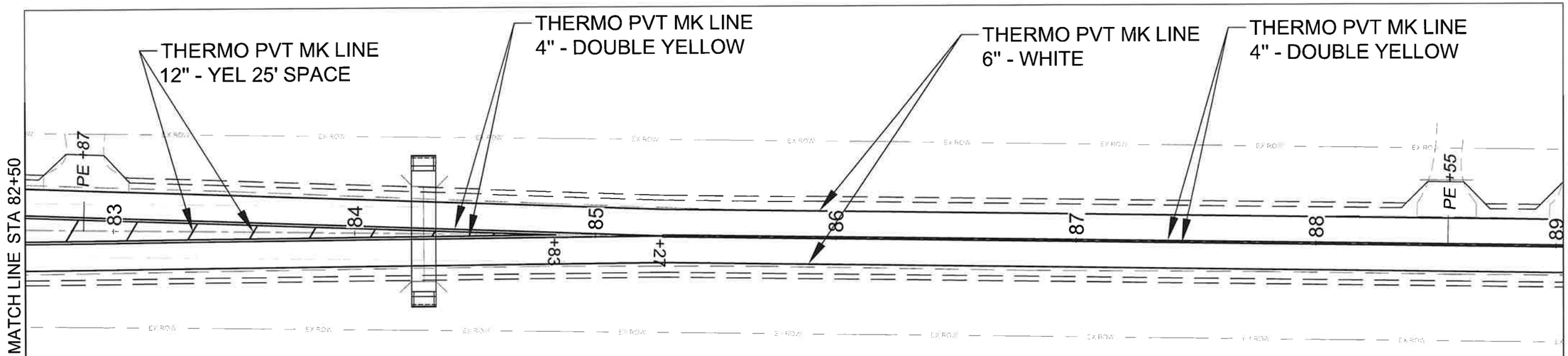
ROUTE	SECTION	SHEET
9886	23-00724-00-RS	37 OF 42

OLD RIVER RD STA 76+00 to STA 89+00

0 20 40 80 Feet
1:240



0 20 40 80 Feet
1:240

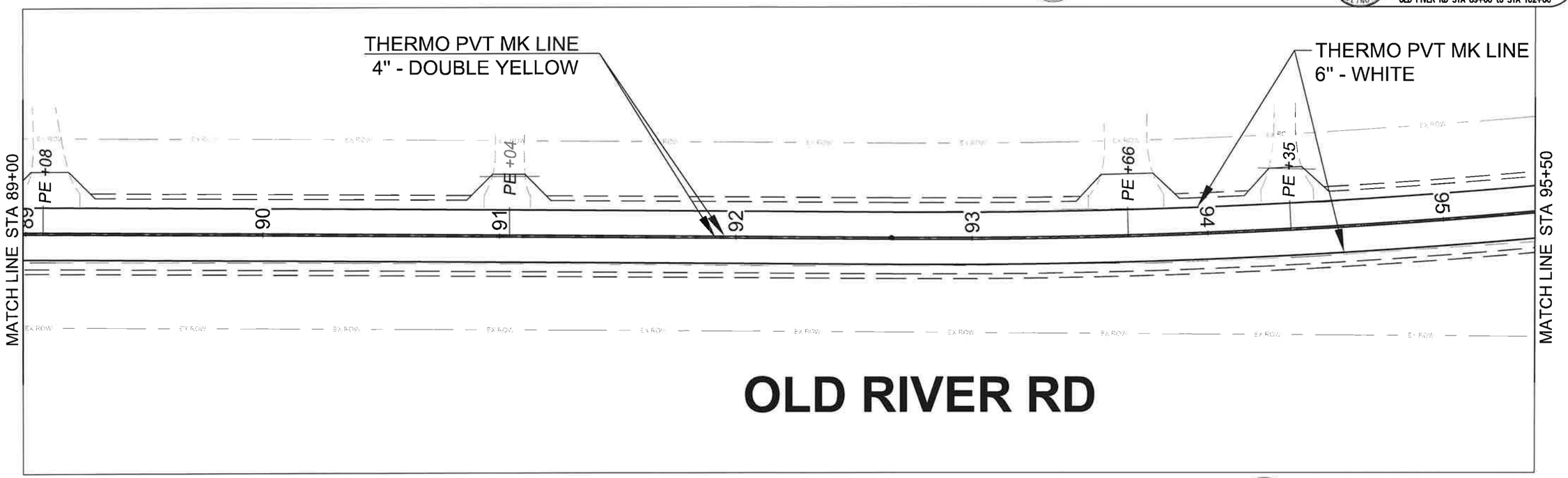


OLD RIVER RD –STRIPING

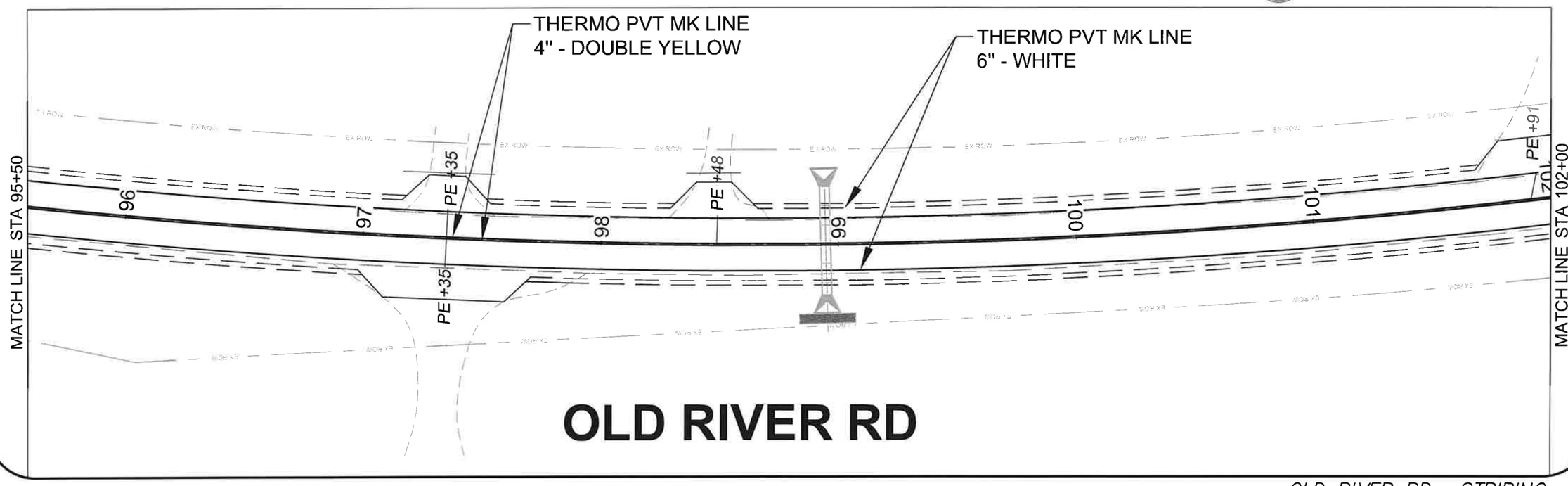
0 20 40 80 Feet
1:240

ROUTE	SECTION	SHEET
9886	23-00724-00-RS	38 OF 42

OLD RIVER RD STA 89+00 to STA 102+00



0 20 40 80 Feet
1:240

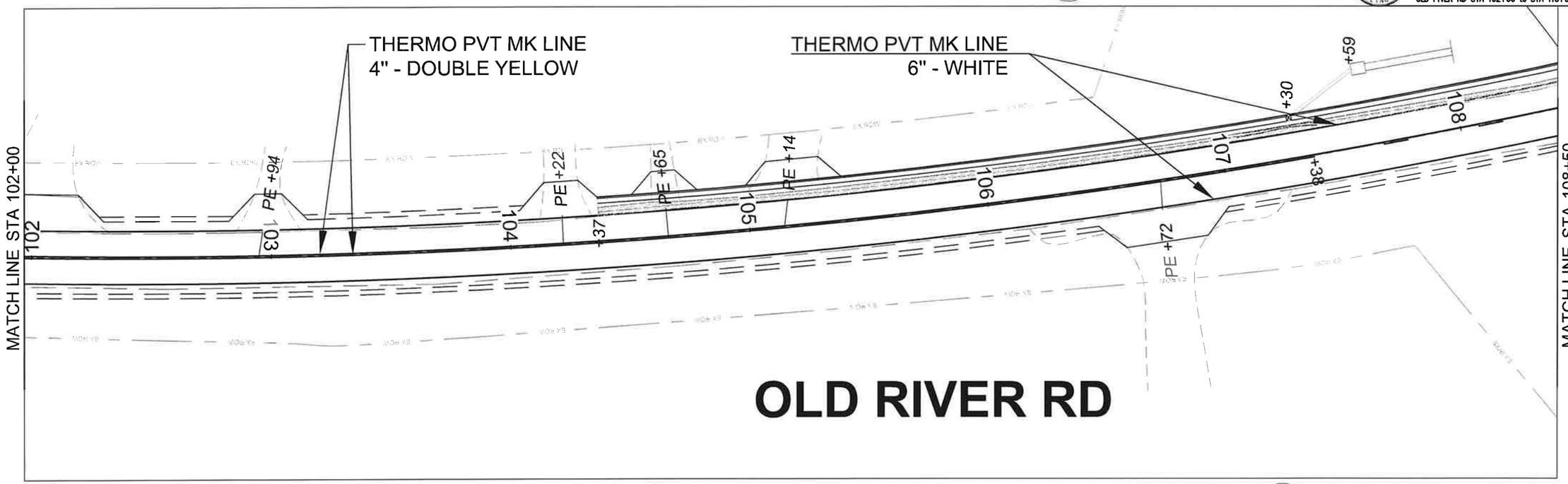


OLD RIVER RD –STRIPING

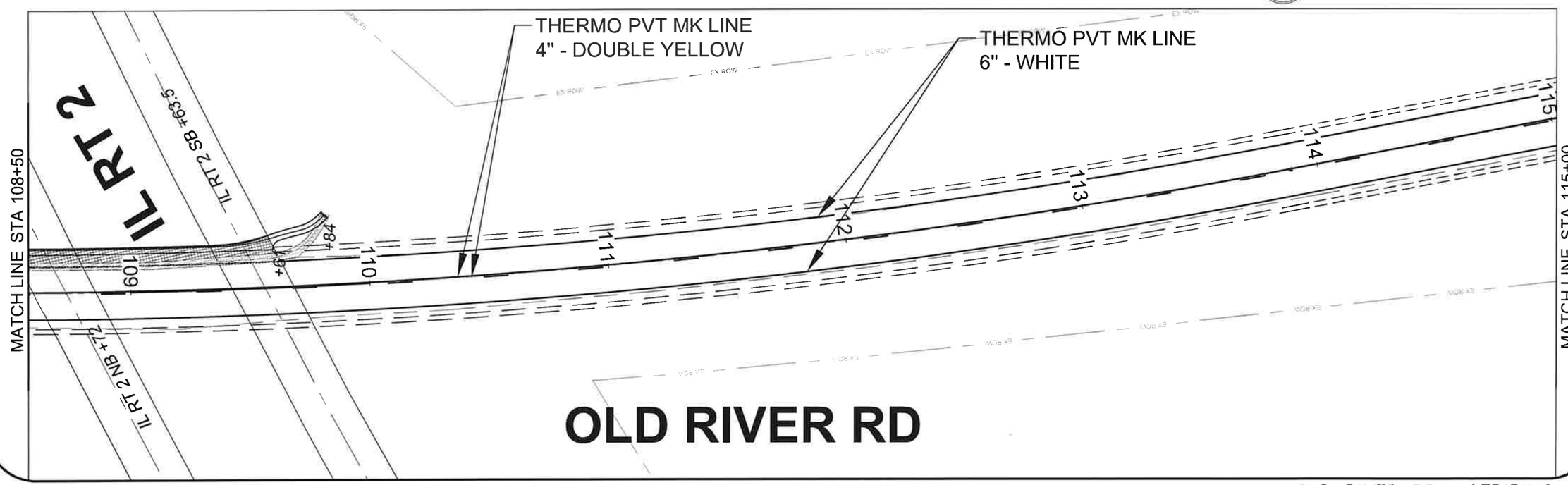
ROUTE	SECTION	SHEET
9886	23-00724-00-RS	39 OF 42

OLD PIVER RD STA 102+00 to STA 115+00

0 20 40 80 Feet
1:240



0 20 40 80 Feet
1:240



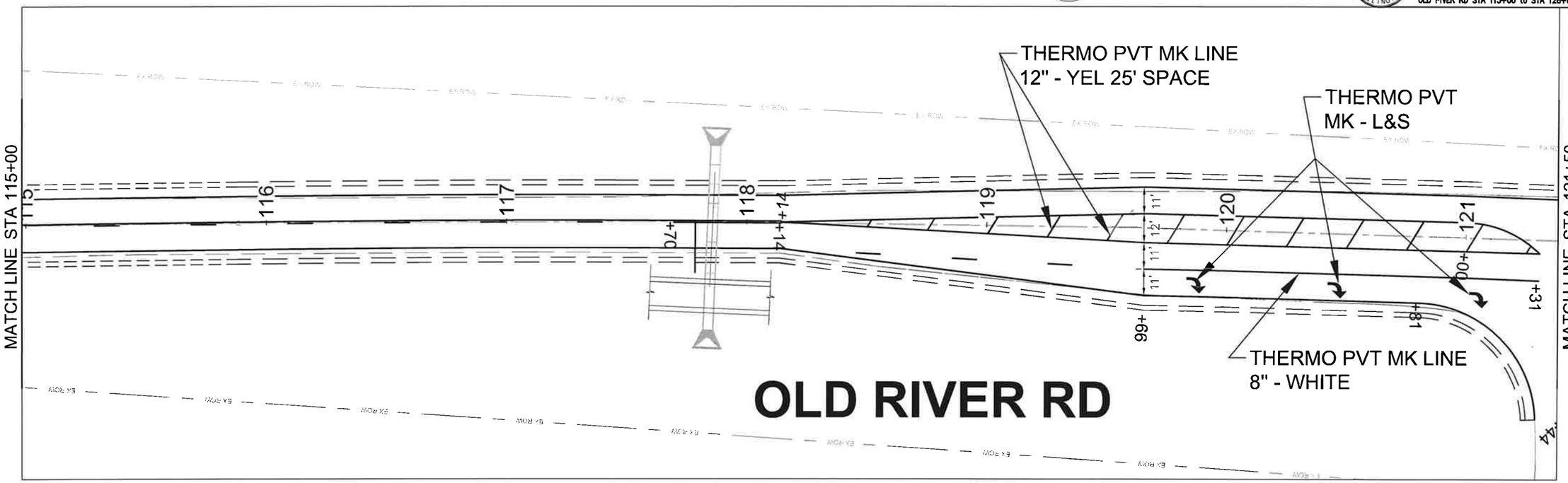
OLD RIVER RD –STRIPING

85800

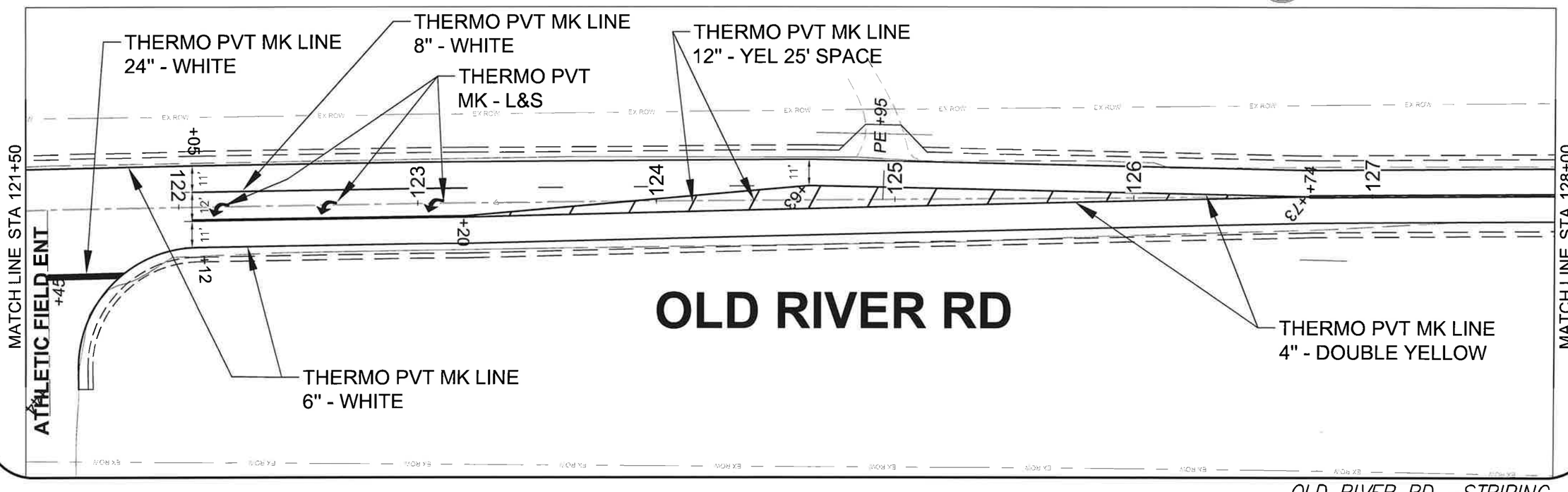
ROUTE	SECTION	SHEET
9886	23-00724-00-RS	40 OF 42

OLD RIVER RD STA 115+00 to STA 128+00

0 20 40 80 Feet
1:240



0 20 40 80 Feet
1:240



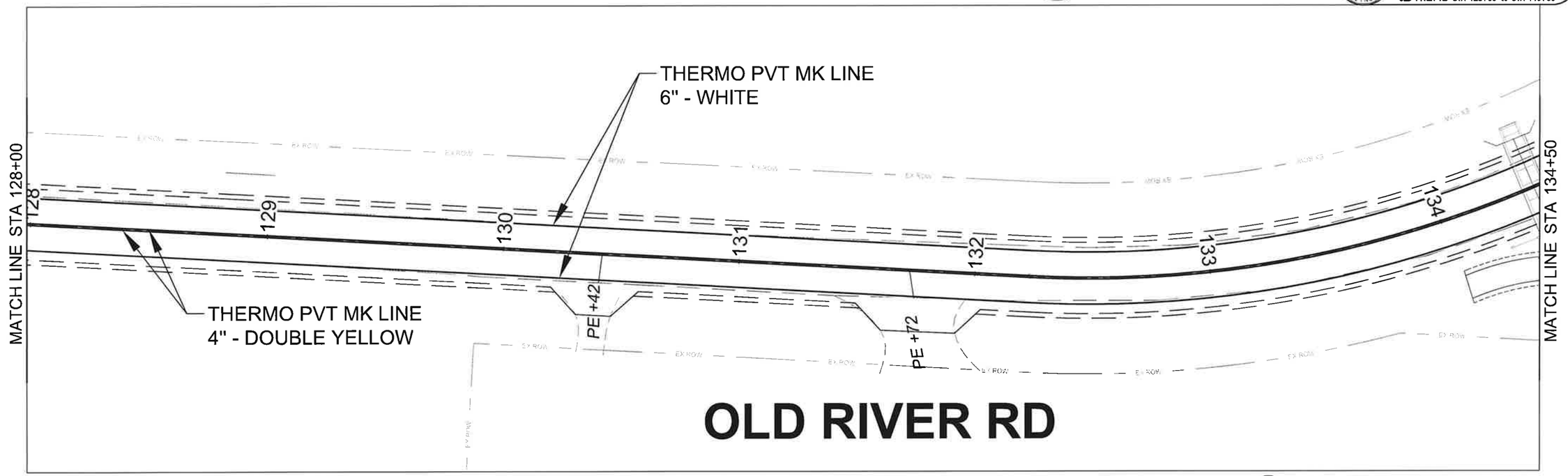
OLD RIVER RD –STRIPING

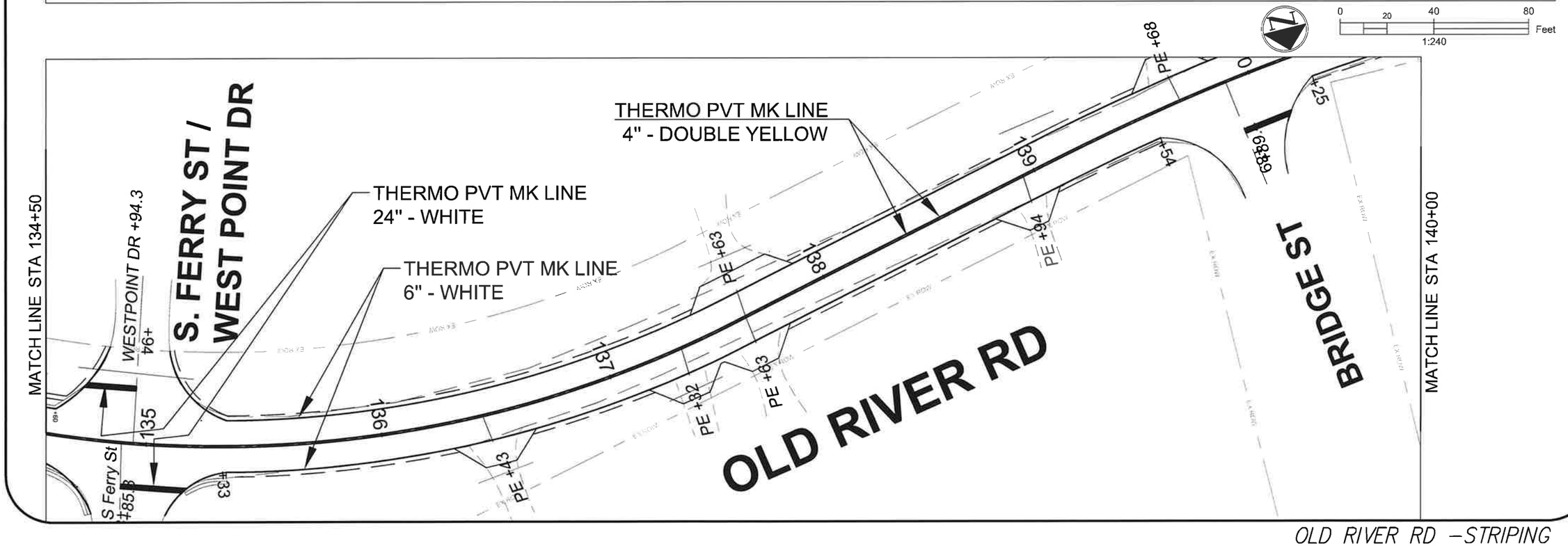
85800

ROUTE	SECTION	SHEET
9886	23-00724-00-RS	41 OF 42

OLD PIVER RD STA 128+00 to STA 140+00

0 20 40 80 Feet
1:240





OLD RIVER RD –STRIPING

ROUTE	SECTION	SHEET
9886	23-00724-00-RS	42 OF 42

OLD RIVER RD STA 140+00 to STA 147+58

0 20 40 80 Feet
1:240

MATCH LINE STA 140+00

MATCH LINE STA 146+50

THERMO PVT MK LINE
6" - WHITE

THERMO PVT MK LINE
4" - DOUBLE YELLOW

OLD RIVER RD

BRIDGE ST

141 142 143 144 145 146

0 20 40 80 Feet
1:240

WEST POINT DR

S. FERRY ST

134 135 136

+94 +68 +33

THERMO PVT MK LINE
24" - WHITE

THERMO PVT MK LINE
24" - WHITE

THERMO PVT MK LINE
4" - DOUBLE YELLOW

MATCH LINE STA 146+50

OLD RIVER RD

PE +44

+00

+16

PROJECT ENDS

IL RT 75

+52.8

60' BUTT JT
See Detail

OLD RIVER RD –STRIPING