

CITY OF PENDLETON, OREGON

SCHEDULE C - EARTHWORK/SUBGRADE HIGHWAY 11 TO HIGHWAY 30 CONNECTOR ROAD 2023

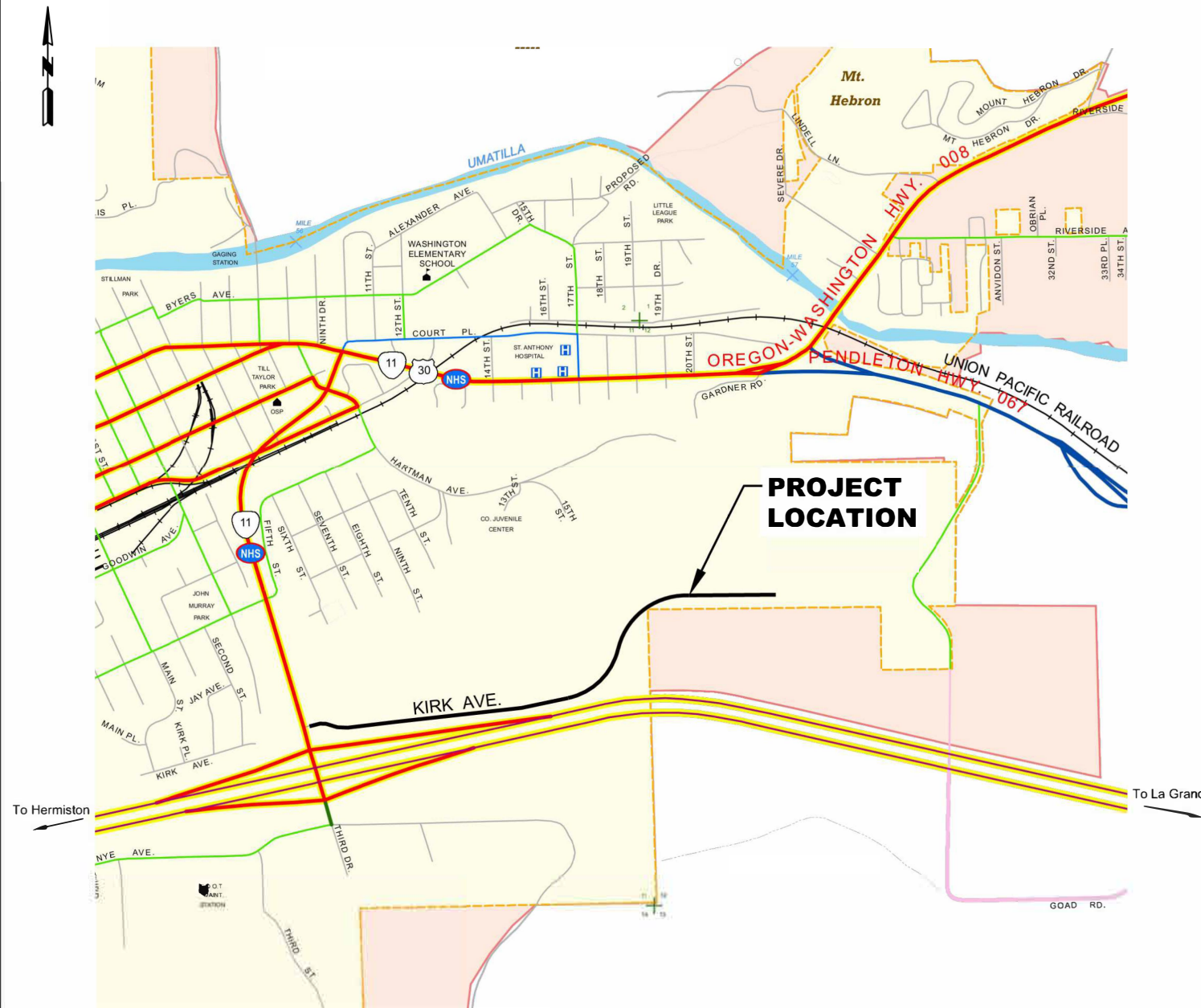


CITY COUNCIL

JOHN H. TURNER, Mayor
 KEVIN MARTIN
 CAROLE L. INNES
 SALLY BRANDSEN
 McKENNON McDONALD
 LINDA K. NEUMAN
 DALE PRIMMER
 JAKE CAMBIER
 STEVE CAMPBELL

CITY OFFICIALS

BOB PATTERSON, Public Works Director
 JEFF BROWN, Public Works Superintendent
 TIM SIMONS, Community Development Director



VICINITY MAP
N. T. S.

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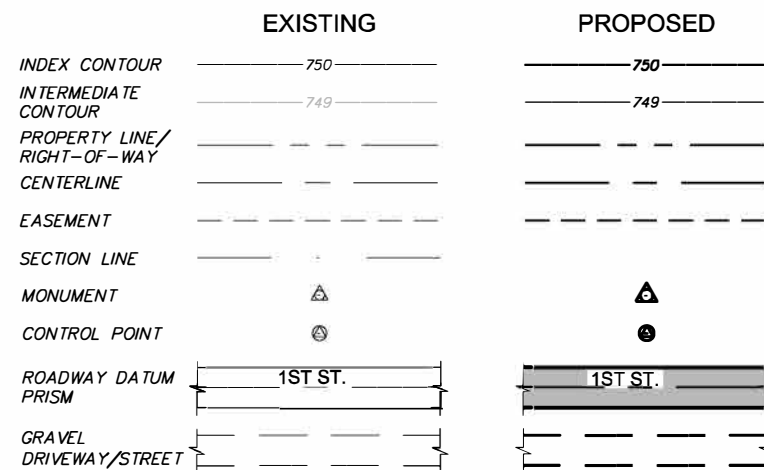
FINAL ELECTRONIC DOCUMENTS AVAILABLE UPON REQUEST



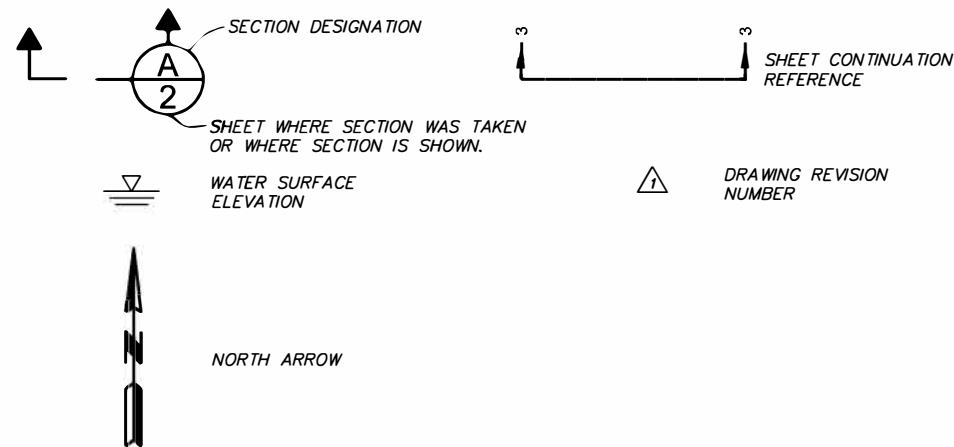
Engineering Surveying Natural Resources Cultural Resources GIS
 1901 N. Fir Street - La Grande, OR 97850 Ph: (541)963-8309 Fax: (541)963-5456
 LA GRANDE, OR. WALLA WALLA, WA. REDMOND, OR. HERMISTON, OR. ENTERPRISE, OR.
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PLAN LEGEND

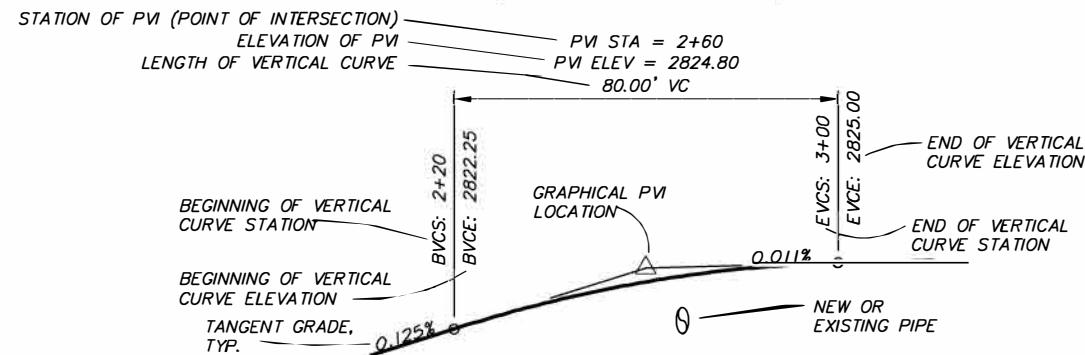
SITE SURVEY



DRAFTING



PROFILE LEGEND



GENERAL CONSTRUCTION NOTES

- THESE PLANS, SPECIFICATIONS, AND REFERENCED DOCUMENTS SHALL BE USED TO CONSTRUCT THE IMPROVEMENTS SHOWN. REFERENCED DOCUMENTS INCLUDE THE 2019 CITY OF PENDLETON STANDARD SPECIFICATIONS AND PLANS, AND THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD).
- ALL EXISTING UTILITIES SHOWN ON THE PLANS ARE SHOWN WITH AS MUCH ACCURACY AS POSSIBLE, BASED ON AVAILABLE INFORMATION. SOME DISCREPANCIES AND OMISSIONS IN LOCATION, TYPE, AND SIZE SHOULD BE EXPECTED TO OCCUR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES IN AND AROUND THE WORK AREAS. BOTH PRIVATE AND PUBLIC POWER, WATER, IRRIGATION, TELEPHONE, GAS, CABLE, AND WASTEWATER SHALL BE INCLUDED. ANY DISCREPANCIES BETWEEN THE DESIGN SHEETS AND EXISTING CONDITIONS SHALL BE REPORTED TO THE ENGINEER.
- SAW CUT ALL EXISTING ASPHALT AND CONCRETE WHERE JOINTS WITH NEW CONSTRUCTION WILL OCCUR. DOUBLE SAW CUT REQUIRED FOR ASPHALT MATCH POINTS.
- UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL REPLACE DAMAGED/DISTURBED EXISTING SURFACES WITH "LIKE" RESTORATION INCLUDING HMAC IN ASPHALT AREAS, CONCRETE SLAB IN CONCRETE AREAS, ETC. RESTORATION SHALL BE EQUAL TO OR BETTER THAN EXISTING. ANY WORK REQUIRED TO RESTORE SURFACES OUTSIDE THE DEFINED LIMITS SHALL BE THE CONTRACTOR'S RESPONSIBILITY AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR SHALL KEEP THE SITE IN A NEAT AND ORDERLY CONDITION. ALL TRASH GENERATED BY THE CONTRACTOR'S OPERATIONS SHALL BE PICKED UP AT THE END OF EACH DAY. EQUIPMENT, VEHICLES, AND MATERIALS SHALL BE STAGED EITHER OFF-SITE OR AS DIRECTED BY OWNER.
- THE CONTRACTOR SHALL MAINTAIN AN ACCURATE AND UP-TO-DATE SET OF RECORD DRAWINGS THAT INCORPORATE ANY CHANGES OR ADDITIONS ENCOUNTERED. THESE SHALL BE DELIVERED TO THE ENGINEER UPON COMPLETION OF THE WORK AND WILL BE USED AS A BASIS FOR PREPARING A SET OF RECORD DRAWINGS FOR THE CITY OF PENDLETON.
- ALL UTILITY COVERS SHALL BE ADJUSTED APPROPRIATELY TO MATCH FINISHED GRADES.

ABBREVIATIONS

ACP	ASPHALT CONCRETE PAVEMENT	IE	INVERT ELEVATION	SS	SANITARY SEWER
BOC	BACK OF CURB	LP	LOW POINT	SSMH	SANITARY SEWER MANHOLE
BOP	BEGINNING OF PAVING	LT	LEFT	STA	STATION
CB	CATCH BASIN	MAX	MAXIMUM	STD	STANDARD
CL	CENTERLINE	MIN	MINIMUM	TBC	TOP BACK OF CURB
DI	DUCTILE IRON PIPE	ODOT	OREGON STATE DEPARTMENT OF TRANSPORTATION	TC	TOP OF CURB
EL	ELEVATION	PC	POINT OF CURVE	TYP	TYPICAL
EOP	END OF PAVING	PL	PROPERTY LINE	VC	VERTICAL CURVE
EXTG	EXISTING	PT	POINT OF TANGENT	WM	WATER MAIN
FG	FINISH GRADE	PVC	POLYVINYL CHLORIDE PIPE		
FL	FLOW LINE	PVI	POINT OF VERTICAL INTERSECTION		
FLG	FLANGE	R/W	RIGHT-OF-WAY		
FOC	FACE OF CURB	REQ'D	REQUIRED		
GB	GRADE BREAK	RT	RIGHT		
HMAC	HOT MIX ASPHALT CONCRETE	SD	STORM DRAIN		
HPT	HIGH POINT	SDMH	STORM DRAIN MANHOLE		

**ESTIMATED ROADWAY
EARTHWORK QUANTITIES**

CUT (C.Y.)	FILL (C.Y.)	BALANCE (C.Y.)
28,800	14,100	14,700

EARTHWORK NOTES

- THE QUANTITIES SHOWN ABOVE ARE GENERAL IN-PLACE ESTIMATES AND ARE SHOWN ONLY FOR THE CONVENIENCE OF THE CONTRACTOR. ACTUAL QUANTITIES MAY VARY FROM THOSE SHOWN. THE CONTRACTOR SHALL MAKE THEIR OWN DETERMINATION OF THE ACTUAL QUANTITIES OF EARTHWORK REQUIRED TO COMPLETE THE WORK AS SHOWN. SEE SPECIAL PROVISIONS.
- QUANTITIES SHOWN INCLUDE EXCAVATION AND BACKFILL OF GENERAL EMBANKMENT ONLY.
- THE ESTIMATED CUT QUANTITY INCLUDES APPROXIMATELY 12,700 C.Y. OF CLEARING AND GRUBBING MATERIAL. THIS VALUE ASSUMES AN ORGANIC MATERIAL DEPTH OF 1'.



REVISION	BY	DATE	JOB NUMBER	DATE
DESIGNED BY	G. BANISTER		77-54	2023
DRAWN BY	L. WILLHITE		ACAD FILE:	77-54-PH1-G-001.dwg
REVIEWED BY	A. LINDSEY		COPYRIGHT 2023 BY ANDERSON PERRY & ASSOC., INC.	



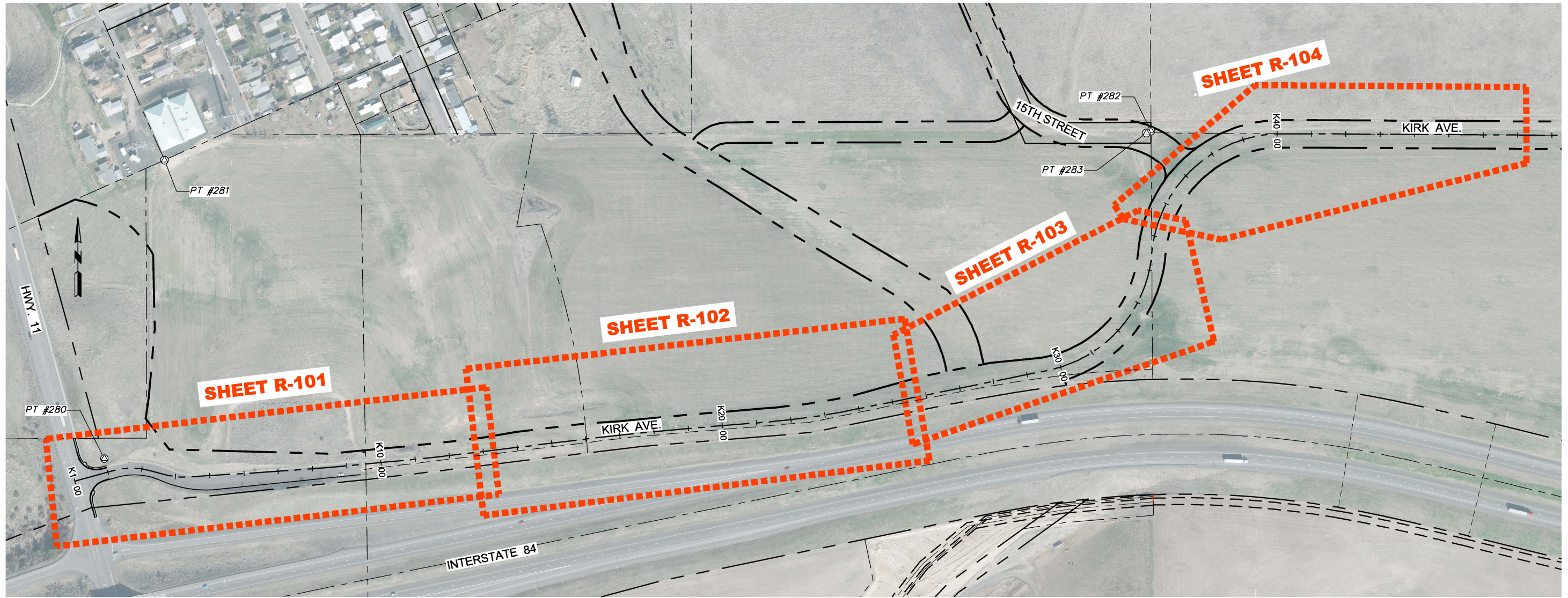
PENDLETON, OREGON
HIGHWAY 11 TO HIGHWAY 30
CONNECTOR ROAD - PHASE I

SHEET

G-001

LEGEND AND GENERAL NOTES

1 OF 17



DATUM STATEMENT

VERTICAL. ELEVATIONS ARE A REPRESENTATION OF NAVD88 (GEOID18) BASED ON THE OREGON REAL-TIME GNSS NETWORK (ORGN), SOLUTIONS AT APA CONTROL POINTS #501-502.

HORIZONTAL. THE COORDINATES OF APA CONTROL POINTS #501-502, 551 ARE BASED ON THE OREGON COORDINATE REFERENCE SYSTEM - PENDLETON ZONE NAD83 (CORS2011), EXPRESSED IN INTERNATIONAL FEET, EPSG CODE 6847 FOR REFERENCE, BASED ON THE OREGON REAL-TIME GNSS NETWORK (ORGN). ALL OTHER POINTS ARE GRID COORDINATES. ANY BEARINGS SHOWN ARE GRID BEARINGS.

APA CONTROL POINTS			
NO.	NORTHING	EASTING	DESCRIPTION
501	151837.24	301892.78	APA_RPC
502	152377.55	301815.42	APA_H+MAG
551	151837.24	301892.78	APA_RPC

MONUMENTS	
NO.	DESCRIPTION
280	MON_YPC
281	MON_RB10 STONE
282	MON_2_1/2"BC
283	MON_3"BC
285	MON_1_1/2"ALCAP

NOTE

POINTS NOT SHOWN ARE OUTSIDE OF PROJECT LIMITS.

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DRAWN BY	L. WILLHITE	DATE	2023
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PENDLETON, OREGON
HIGHWAY 11 TO HIGHWAY 30
CONNECTOR ROAD - PHASE I

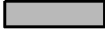





EXISTING SITE PLAN
SURVEY CONTROL AND SHEET INDEX

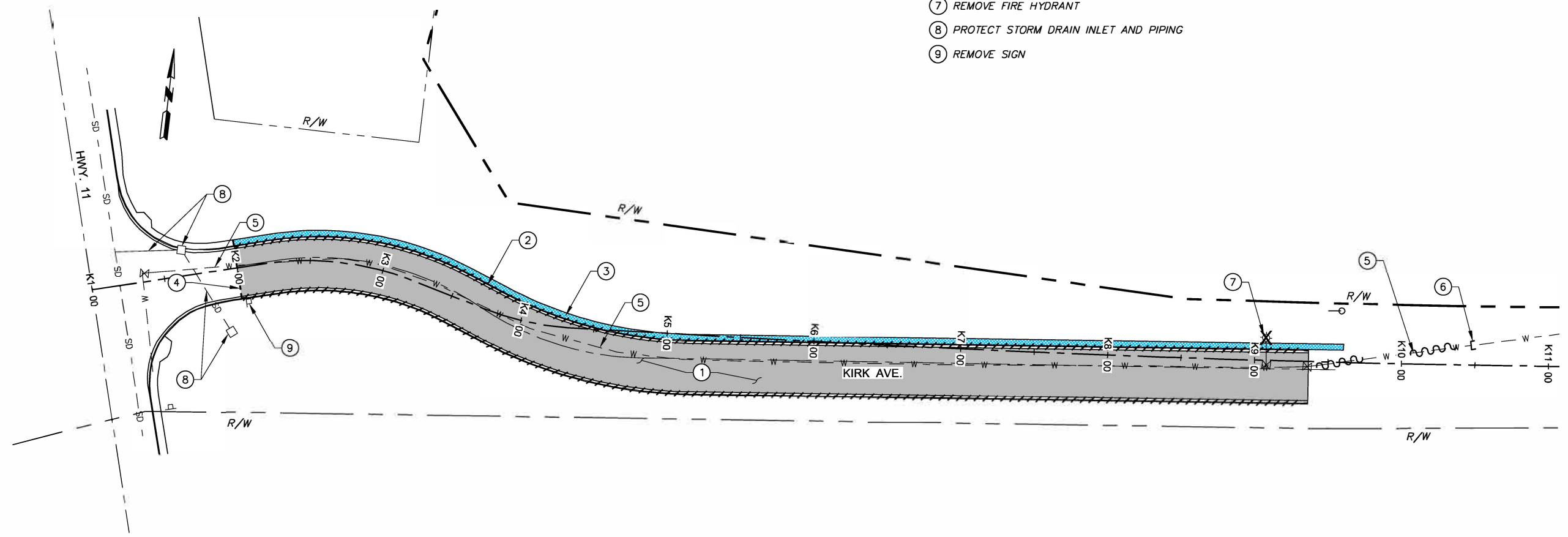
SHEET
G-101
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DEMOLITION WORK ITEMS

- ① REMOVE ASPHALT CONCRETE PAVEMENT
- ② REMOVE CURB AND GUTTER
- ③ REMOVE SIDEWALK
- ④ SAWCUT ASPHALT CONCRETE, SIDEWALK, AND CURB AND GUTTER
- ⑤ REMOVE 8" WATER LINE
- ⑥ CAP AND PLUG 8" WATER LINE
- ⑦ REMOVE FIRE HYDRANT
- ⑧ PROTECT STORM DRAIN INLET AND PIPING
- ⑨ REMOVE SIGN

DEMOLITION LEGEND

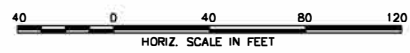
-  REMOVE ACP AND EXCAVATE TO SUBGRADE
-  REMOVE CONCRETE
-  REMOVE WATER LINE
-  SAW CUT LINE
-  REMOVE CURB AND GUTTER
-  REMOVE EXISTING STRUCTURE



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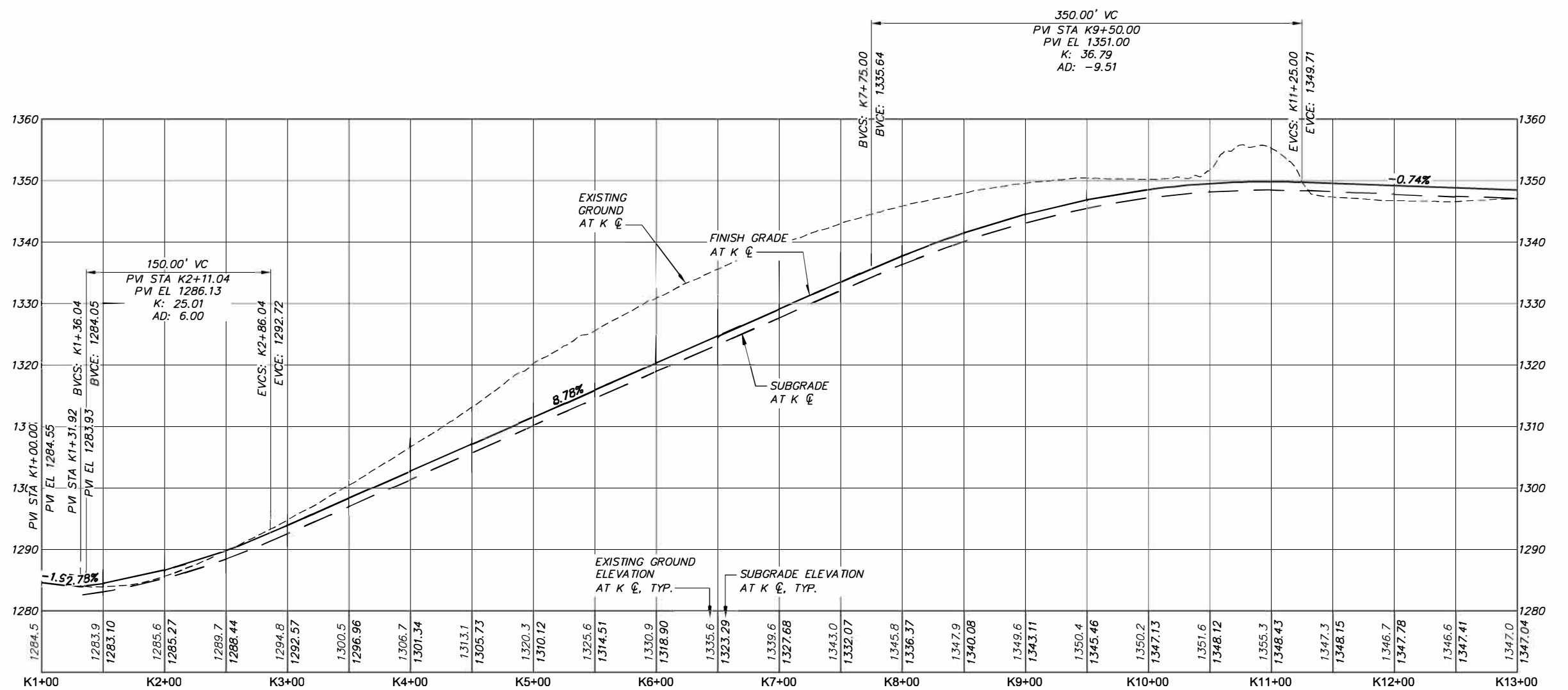
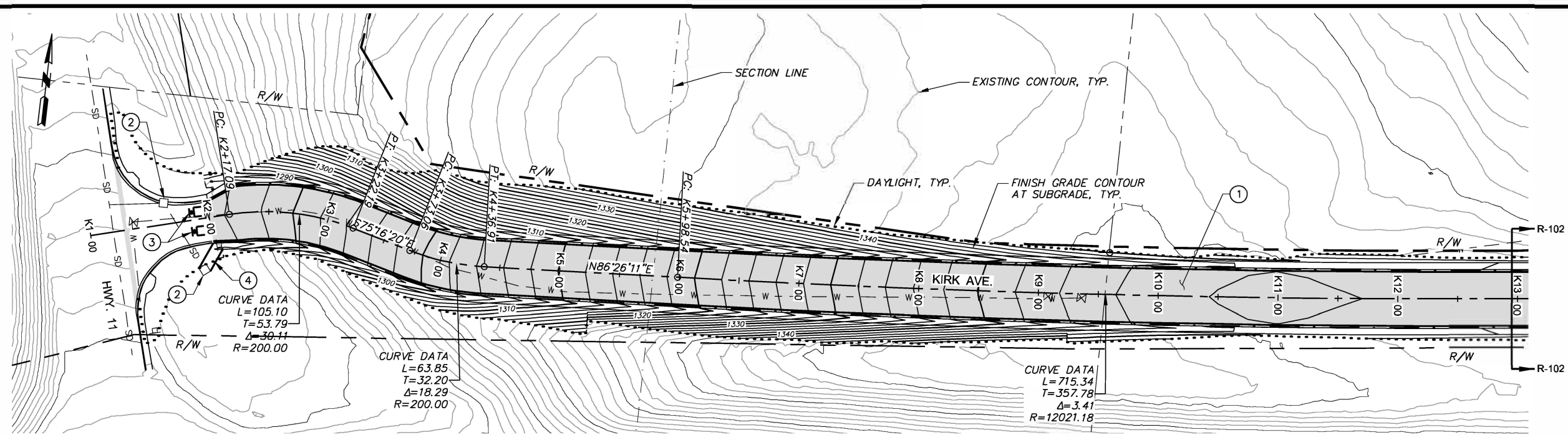
PENDLETON, OREGON
HIGHWAY 11 TO HIGHWAY 30
CONNECTOR ROAD - PHASE I

DEMOLITION
PLAN STA. K2+00 TO STA. K9+75

SHEET
D-101
3 OF 17

WORK ITEMS

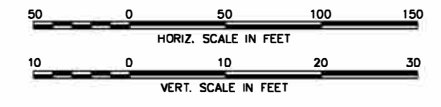
- ① CONSTRUCT ROADWAY TO SUBGRADE
SEE TYPICAL SECTION, SHEET R-301
- ② PROTECT EXISTING STORM DRAIN INLET
- ③ INSTALL B(III)C BARRICADE. SEE OREGON
STANDARD DRAWING TMB20 FOR DETAILS
- ④ ROUTE ROADSIDE SWALE TO STORM DRAIN
INLET
- ⑤ RELOCATE UTILITY POLE (BY OTHERS)
- ⑥ RELOCATE TELEPHONE RISER (BY OTHERS)



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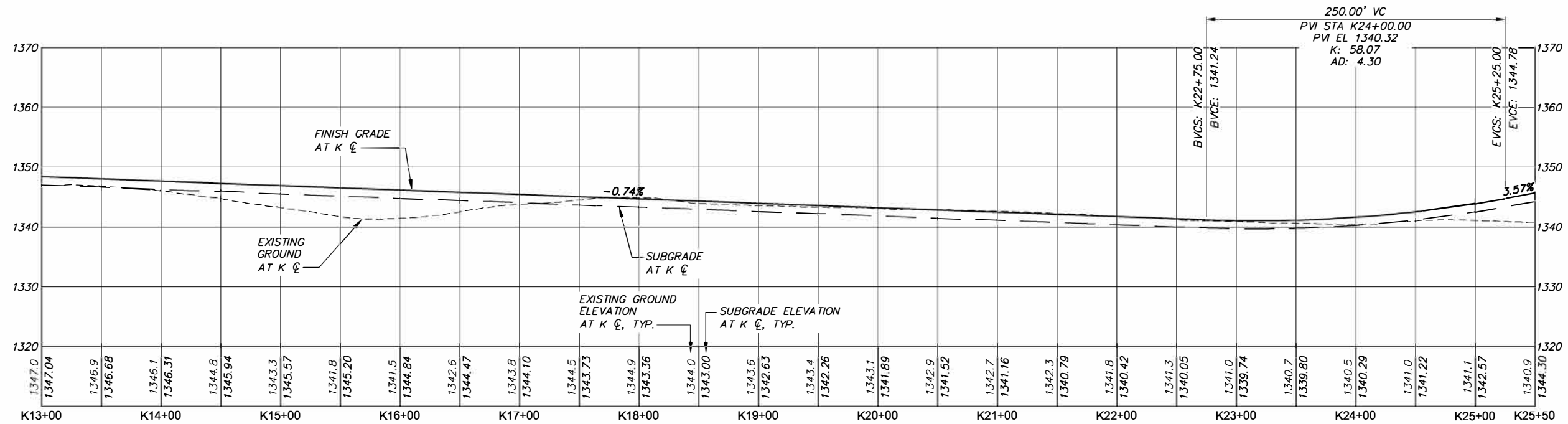
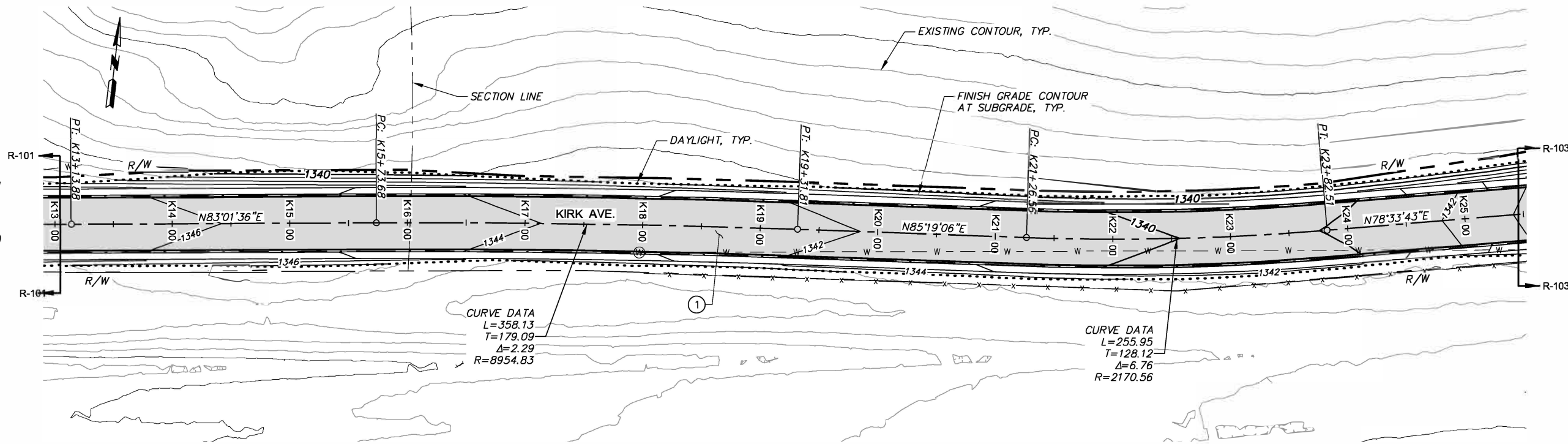
PENDLETON, OREGON
HIGHWAY 11 TO HIGHWAY 30
CONNECTOR ROAD - PHASE I

ROADWAY
PLAN AND PROFILE STA. K2+00 TO STA. K13+00

SHEET
R-101
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WORK ITEMS

- ① CONSTRUCT ROADWAY TO SUBGRADE
SEE TYPICAL SECTION, SHEET R-301
- ② PROTECT EXISTING STORM DRAIN INLET
- ③ INSTALL B(III)C BARRICADE. SEE OREGON
STANDARD DRAWING TMB20 FOR DETAILS
- ④ ROUTE ROADSIDE SWALE TO STORM DRAIN
INLET
- ⑤ RELOCATE UTILITY POLE (BY OTHERS)
- ⑥ RELOCATE TELEPHONE RISER (BY OTHERS)



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DRAWN BY: L. WILLHITE			10	0	10	20	30
REVIEWED BY: A. LINDSEY			VERT. SCALE IN FEET				
JOB NUMBER 77-54			DATE 2023				
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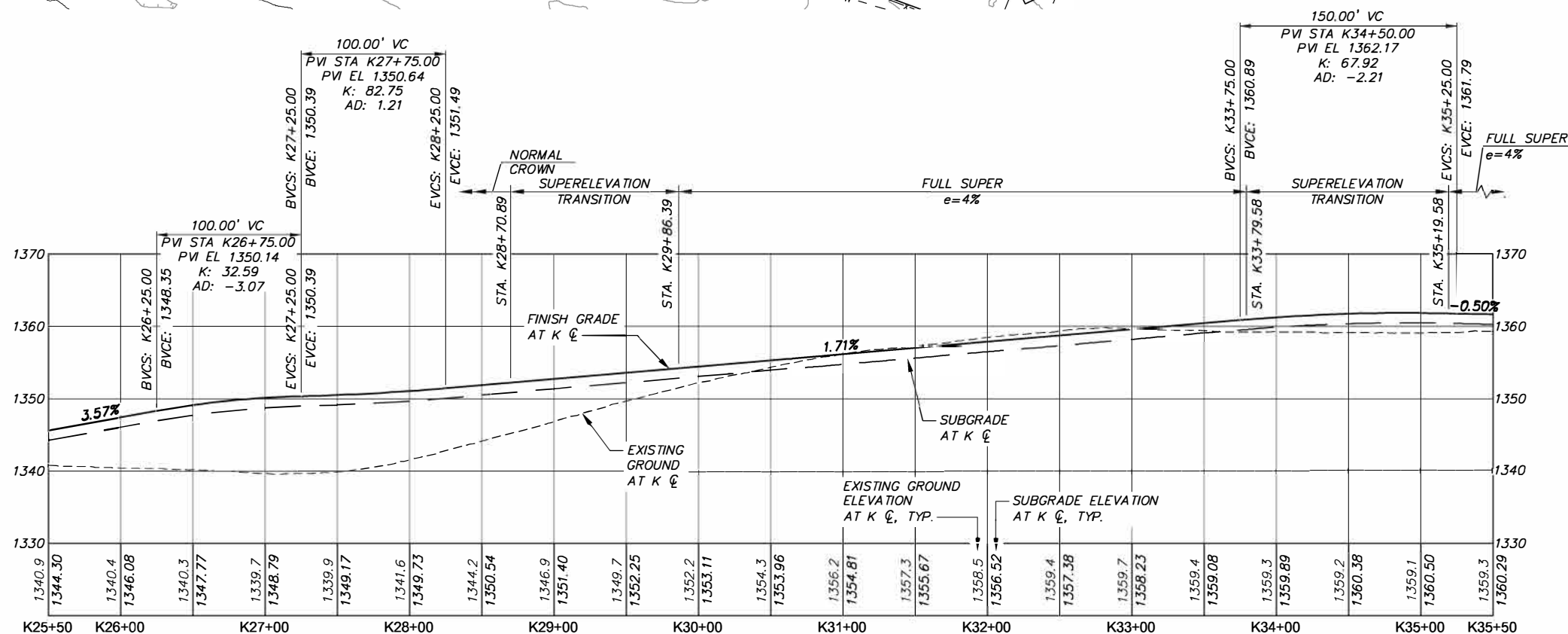
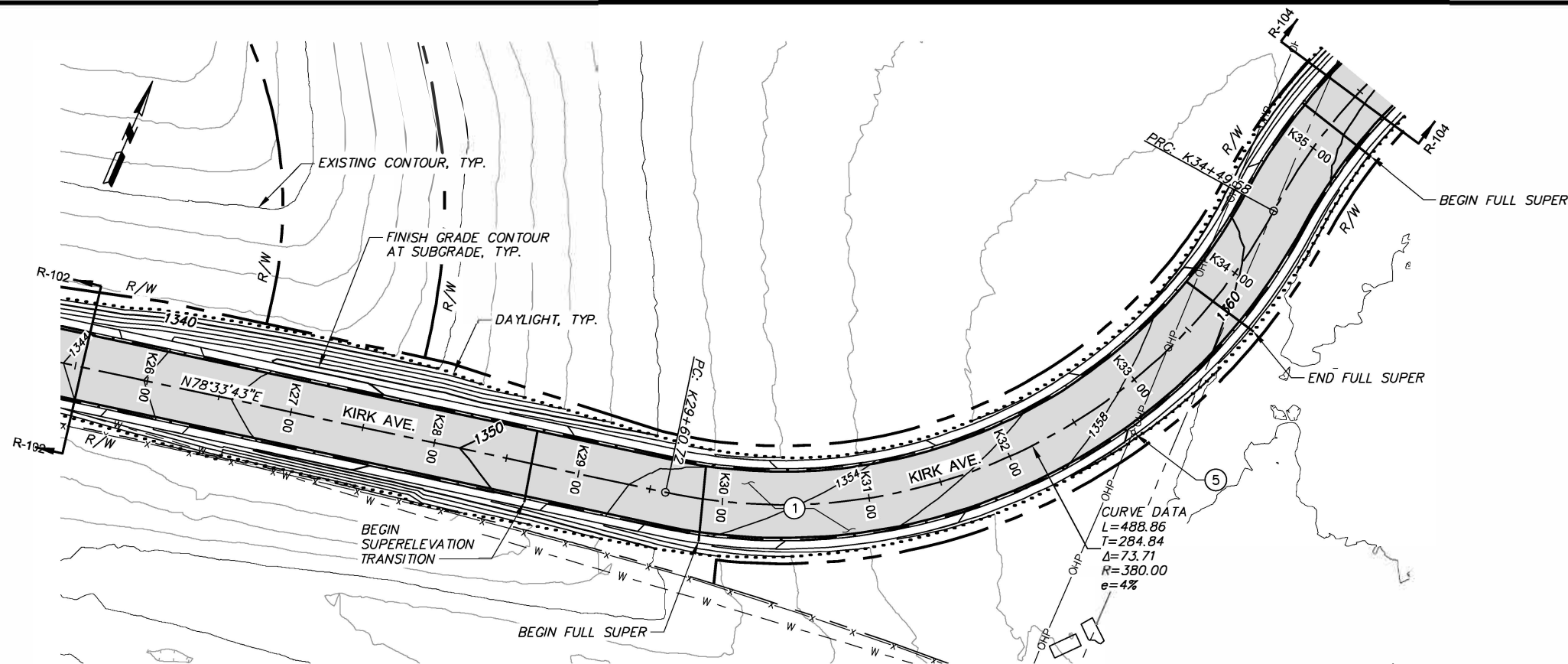
PENDLETON, OREGON
HIGHWAY 11 TO HIGHWAY 30
CONNECTOR ROAD - PHASE I

ROADWAY
PLAN AND PROFILE STA. K13+00 TO STA. K25+50

SHEET
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WORK ITEMS

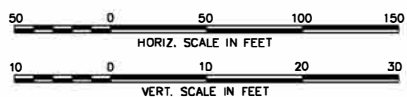
- ① CONSTRUCT ROADWAY TO SUBGRADE
SEE TYPICAL SECTION, SHEET R-301
- ② PROTECT EXISTING STORM DRAIN INLET
- ③ INSTALL B(III)C BARRICADE. SEE OREGON
STANDARD DRAWING TM820 FOR DETAILS
- ④ ROUTE ROADSIDE SWALE TO STORM DRAIN
INLET
- ⑤ RELOCATE UTILITY POLE (BY OTHERS)
- ⑥ RELOCATE TELEPHONE RISER (BY OTHERS)



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DESIGNED BY	G. BANISTER		
DRAWN BY	L. WILLHITE		
REVIEWED BY	A. LINDSEY		
JOB NUMBER	77-54		
DATE	2023		
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PENDLETON, OREGON
HIGHWAY 11 TO HIGHWAY 30
CONNECTOR ROAD - PHASE I

ROADWAY
PLAN AND PROFILE STA. K25+50 TO STA. K35+50

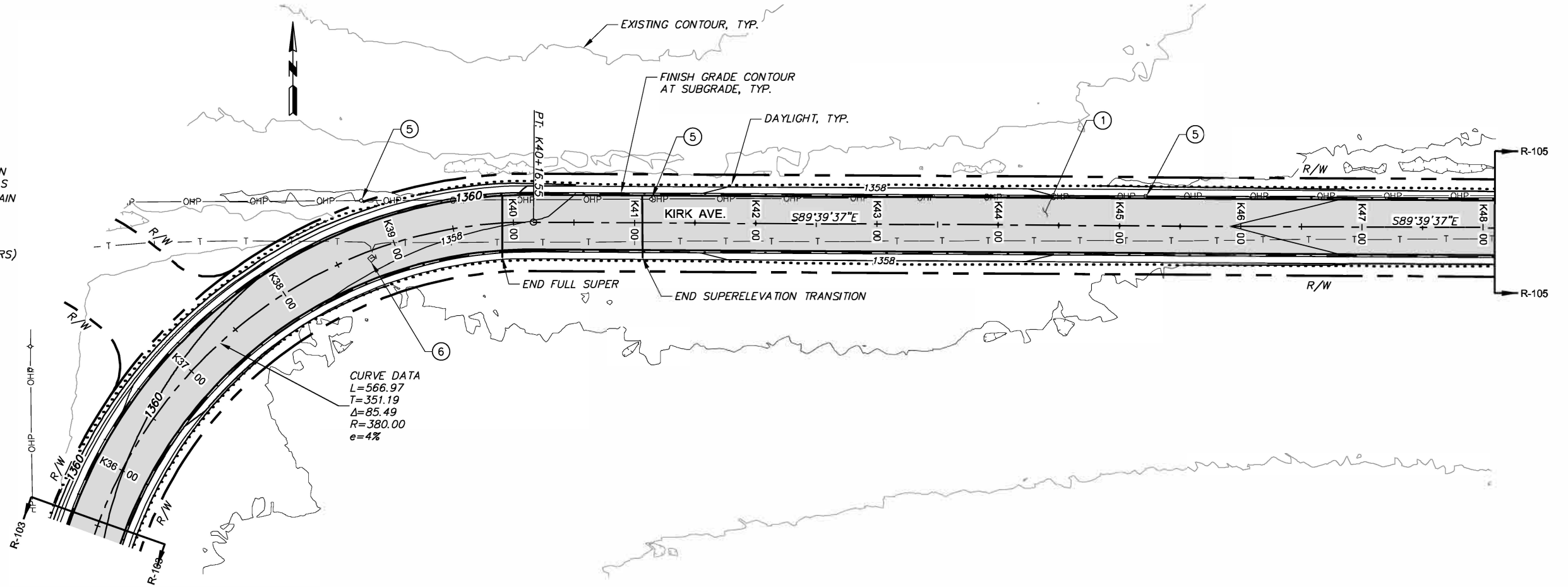
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R-103

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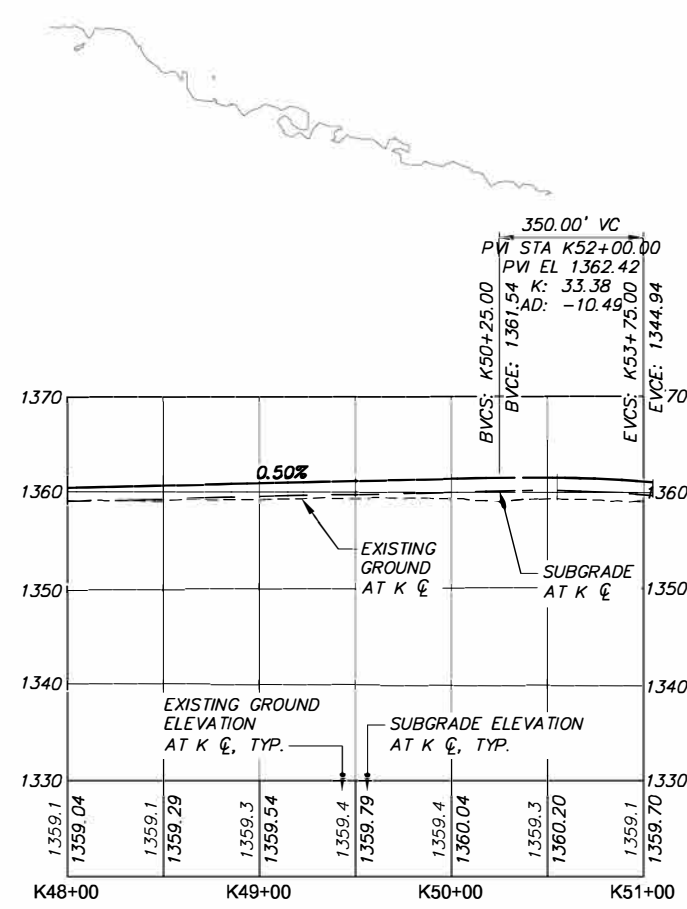
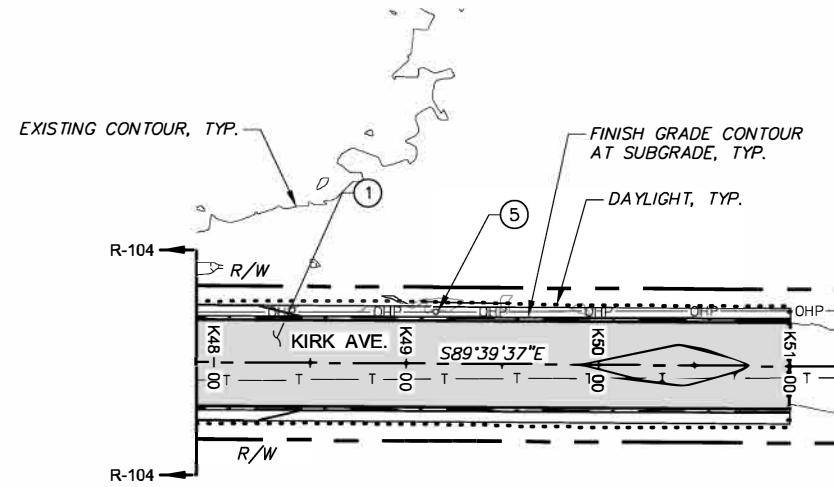
WORK ITEMS

- ① CONSTRUCT ROADWAY TO SUBGRADE
SEE TYPICAL SECTION, SHEET R-301
- ② PROTECT EXISTING STORM DRAIN INLET
- ③ INSTALL B(III)C BARRICADE. SEE OREGON
STANDARD DRAWING TMB20 FOR DETAILS
- ④ ROUTE ROADSIDE SWALE TO STORM DRAIN
INLET
- ⑤ RELOCATE UTILITY POLE (BY OTHERS)
- ⑥ RELOCATE TELEPHONE RISER (BY OTHERS)



WORK ITEMS

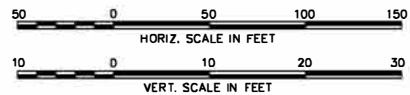
- ① CONSTRUCT ROADWAY TO SUBGRADE
SEE TYPICAL SECTION, SHEET R-301
- ② PROTECT EXISTING STORM DRAIN INLET
- ③ INSTALL B(III)C BARRICADE. SEE OREGON
STANDARD DRAWING TM820 FOR DETAILS
- ④ ROUTE ROADSIDE SWALE TO STORM DRAIN
INLET
- ⑤ RELOCATE UTILITY POLE (BY OTHERS)
- ⑥ RELOCATE TELEPHONE RISER (BY OTHERS)



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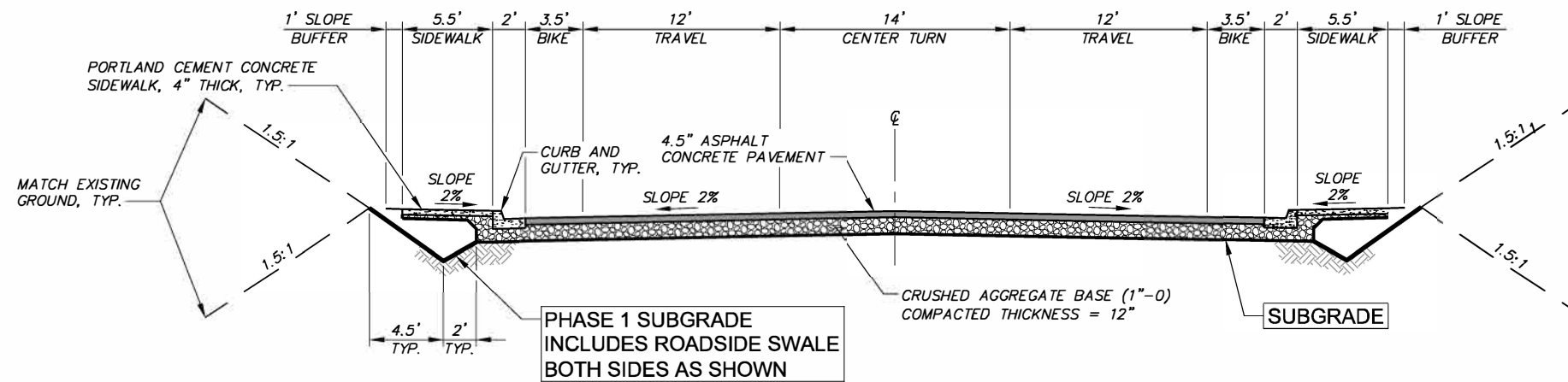
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PENDLETON, OREGON
HIGHWAY 11 TO HIGHWAY 30
CONNECTOR ROAD - PHASE I

ROADWAY
PLAN AND PROFILE STA. K48+00 TO STA. K51+00

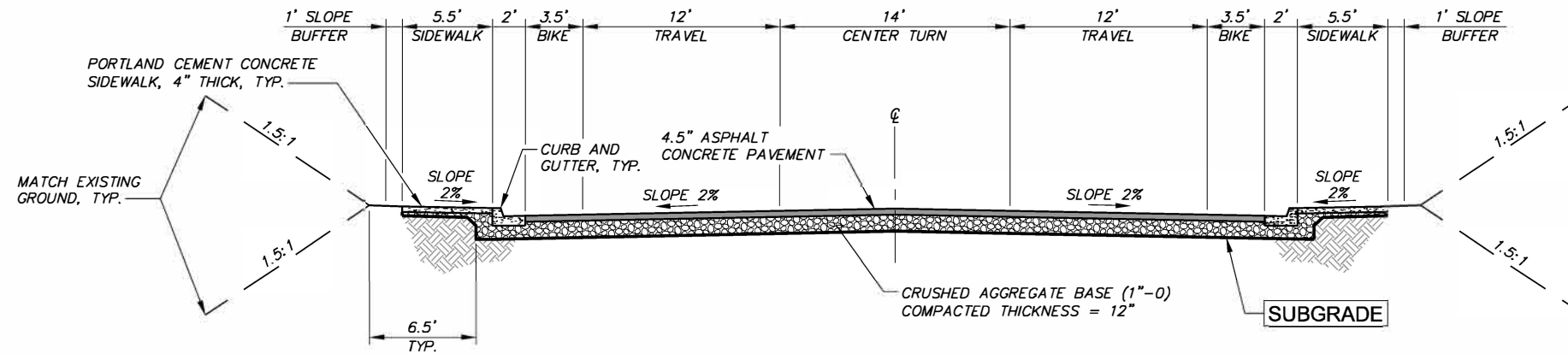
SHEET
R-105
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KIRK AVENUE TYPICAL SECTION

STA. K2+00 TO STA. K10+50
N.T.S.

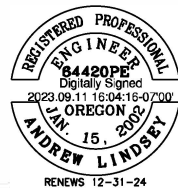
NOTE
TYPICAL SECTIONS FOR REFERENCE ONLY. ALL WORK ABOVE SUBGRADE TO BE COMPLETED BY OTHERS.



KIRK AVENUE TYPICAL SECTION

STA. K10+50 TO STA. K51+00
N.T.S.

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DESIGNED BY	G. BANISTER		77-54	2023
DRAWN BY	L. WILLHITE		ACAD FILE:	77-54-PH1-R-301.dwg
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



PENDLETON, OREGON
HIGHWAY 11 TO HIGHWAY 30
CONNECTOR ROAD - PHASE I

ROADWAY
TYPICAL SECTIONS

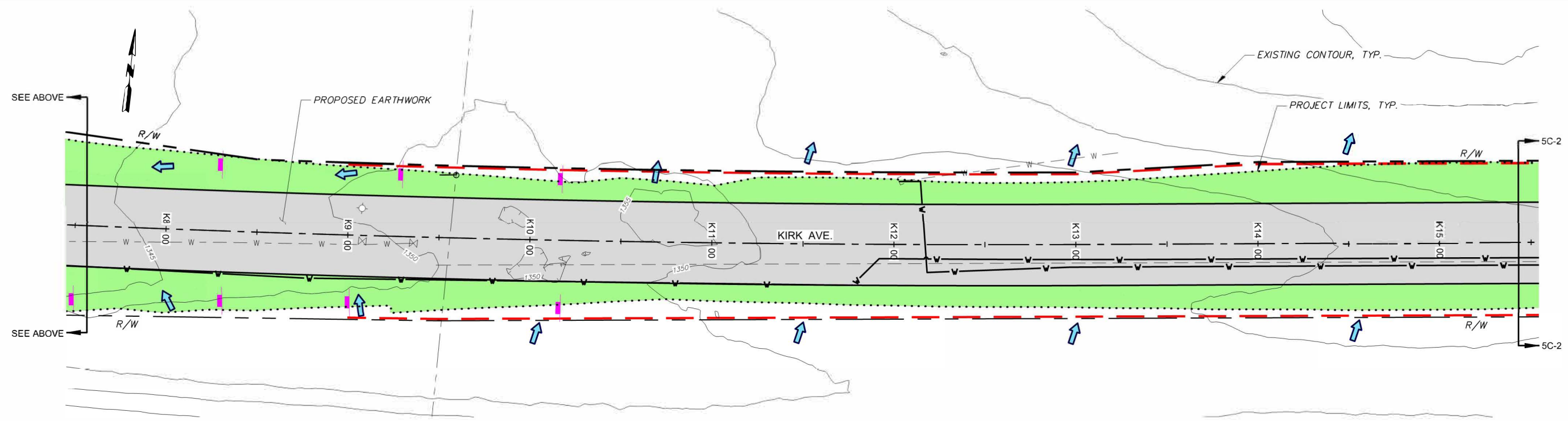
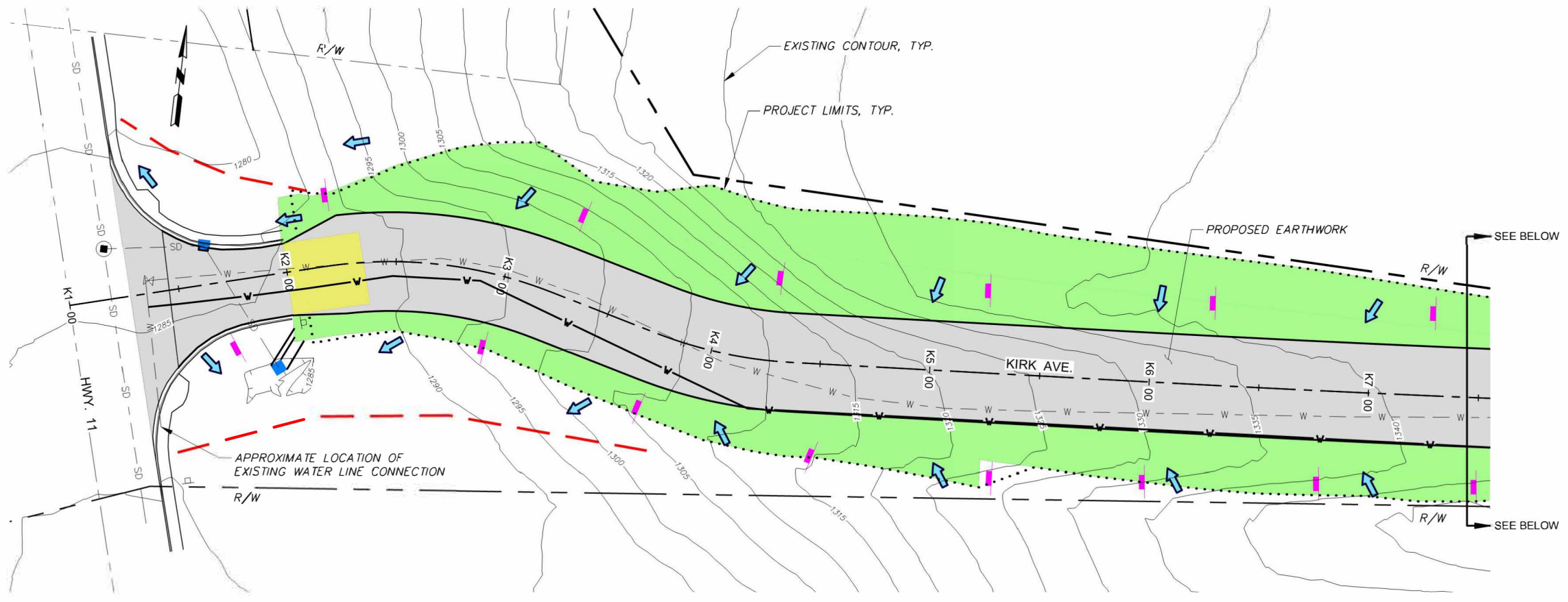
SHEET
R-301
9 OF 17

LEGEND

-  STRAW WATTLE
-  PROPOSED WATER LINE
-  STABILIZED CONSTRUCTION ENTRANCE
-  DRAINAGE FLOW DIRECTION
-  CONCRETE WASHOUT
-  INLET PROTECTION
-  CHECK DAM
-  FINAL LANDSCAPING AND SITE STABILIZATION

NOTE:
FINAL LANDSCAPING AND SITE STABILIZATION AREAS INDICATED ON SHEET C-101 TO C-105 SHALL BE SEEDED ACCORDING TO TABLE BELOW.

SPECIES	SEEDING RATE LBS./AC
ELYMUS LANCEOLATUR (THICKSPIKE WHEATGRASS)	2
ELYMUS TRACKYCAULUS (SLENDER WHEATGRASS)	2
ELYMUS GLAUCUS (BLUE WILDRYE)	2
BROMUS MARGINATUS (MOUNTAIN BROME)	4
FESTUCA IDAHOENIS (IDAHO FESCUE)	1
POO SECUNDA (SANDBERG BLUEGRASS)	1
TOTAL	12 LBS./AC



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REVISION	BY	DATE	30	0	30	60	90	
DESIGNED BY: G. BANISTER			HORIZ. SCALE IN FEET					
DRAWN BY: L. WILLHITE								
REVIEWED BY: A. LINDSEY								
			JOB NUMBER: 77-54	DATE: 2023				
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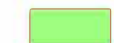


PENDLETON, OREGON
HIGHWAY 11 TO HIGHWAY 30
CONNECTOR ROAD - PHASE I

EROSION AND SEDIMENT CONTROL
PLAN STA. K2+00 TO STA. K11+00

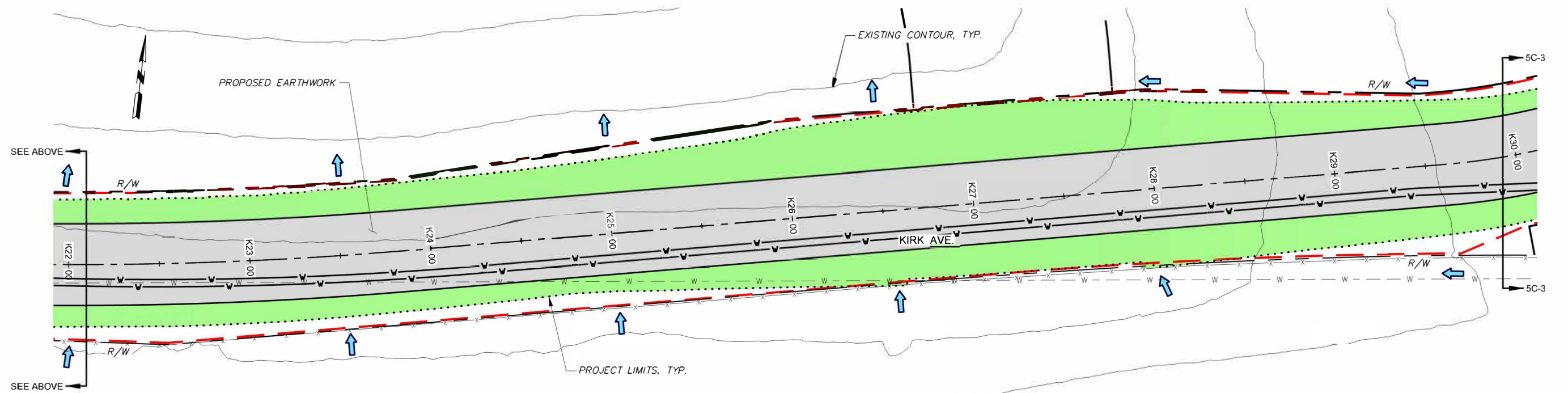
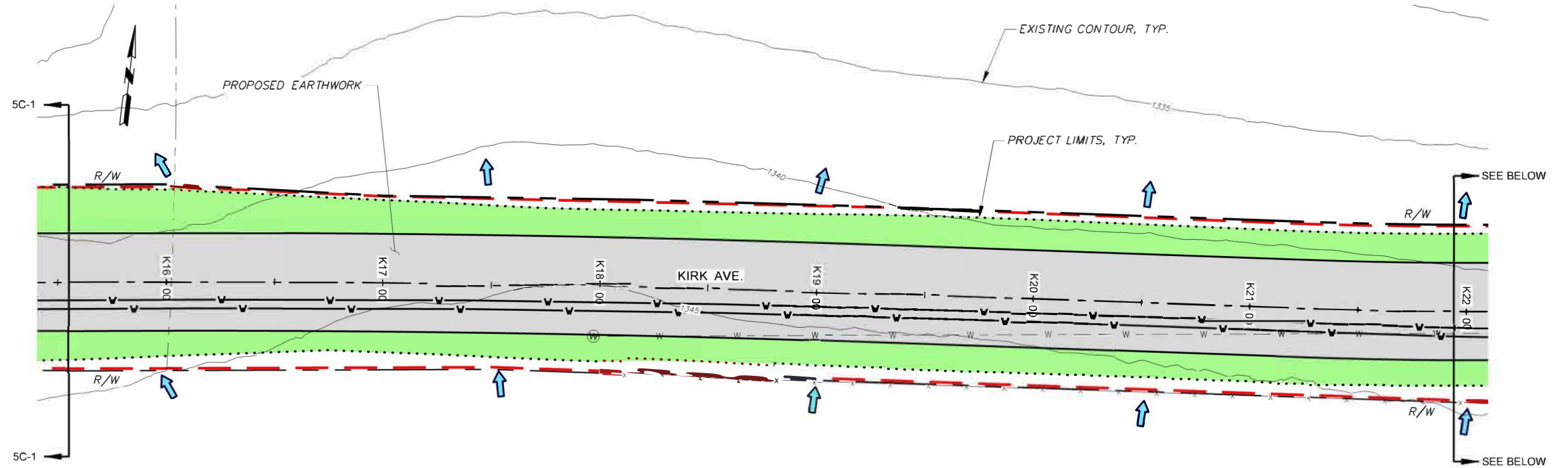
SHEET
C-101
10 OF 17

LEGEND

-  STRAW WATTLE
-  PROPOSED WATER LINE
-  STABILIZED CONSTRUCTION ENTRANCE
-  DRAINAGE FLOW DIRECTION
-  CONCRETE WASHOUT
-  INLET PROTECTION
-  CHECK DAM
-  FINAL LANDSCAPING AND SITE STABILIZATION

NOTE:
FINAL LANDSCAPING AND SITE STABILIZATION AREAS INDICATED ON SHEET C-101 TO C-105 SHALL BE SEEDED ACCORDING TO TABLE BELOW.

SPECIES	SEEDING RATE LBS./AC
ELYMUS LANCEOLATUR (THICKSPIKE WHEATGRASS)	2
ELYMUS TRACKYCAULUS (SLENDER WHEATGRASS)	2
ELYMUS GLAUCUS (BLUE WILDRYE)	2
BROMUS MARGINATUS (MOUNTAIN BROME)	4
FESTUCA IDAHOENIS (IDAHO FESCUE)	1
POO SECUNDA (SANDBERG BLUEGRASS)	1
TOTAL	12 LBS./AC



X:\Clients\Pendleton_07-54 Hwy 11 to Goad Rd Connector\CAD\77-54-PH1-C-102.dwg, Layout1, 9/11/2023 2:15 PM, smagne



REVISION	BY	DATE	30	0	30	60	90
DESIGNED BY: G. BANISTER			HORIZ. SCALE IN FEET				
DRAWN BY: L. WILLHITE							
REVIEWED BY: A. LINDSEY							
			JOB NUMBER 77-54				DATE 2023
			ACAD FILE: 77-54-PH1-C-102.dwg				
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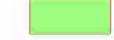


PENDLETON, OREGON
HIGHWAY 11 TO HIGHWAY 30
CONNECTOR ROAD - PHASE I

EROSION AND SEDIMENT CONTROL
PLAN STA. K11+00 TO STA. K21+00

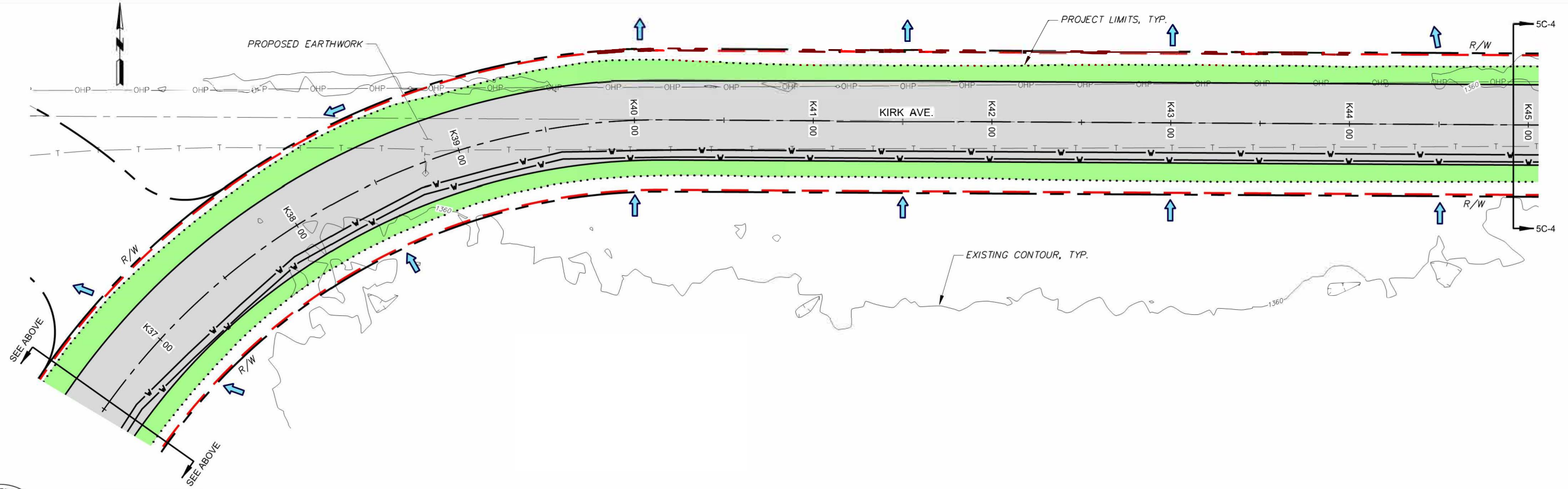
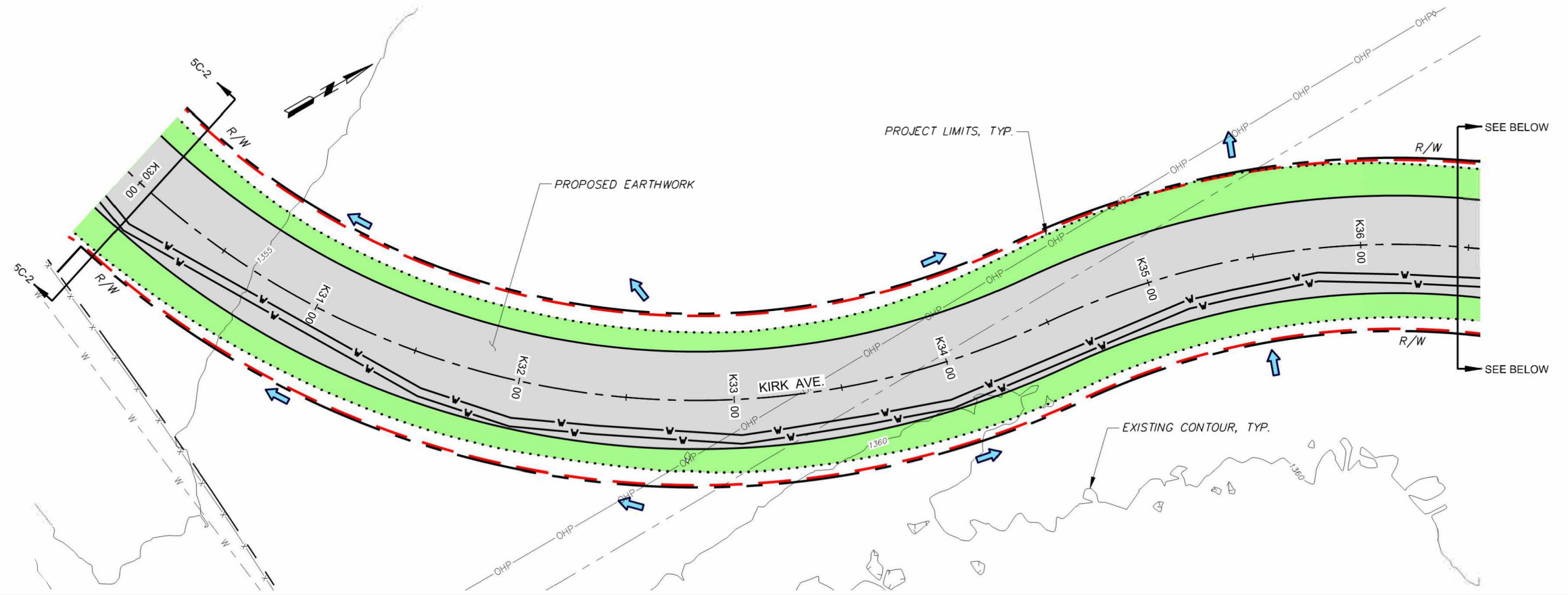
SHEET
C-102
11 OF 17

LEGEND

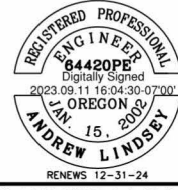
-  STRAW WATTLE
-  PROPOSED WATER LINE
-  STABILIZED CONSTRUCTION ENTRANCE
-  DRAINAGE FLOW DIRECTION
-  CONCRETE WASHOUT
-  INLET PROTECTION
-  CHECK DAM
-  FINAL LANDSCAPING AND SITE STABILIZATION

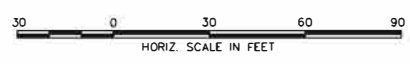
NOTE:
FINAL LANDSCAPING AND SITE STABILIZATION AREAS INDICATED ON SHEET C-101 TO C-105 SHALL BE SEEDED ACCORDING TO TABLE BELOW.

SPECIES	SEEDING RATE LBS./AC
ELYMUS LANCEOLATUR (THICKSPIKE WHEATGRASS)	2
ELYMUS TRACKYCAULUS (SLENDER WHEATGRASS)	2
ELYMUS GLAUCUS (BLUE WILDRYE)	2
BROMUS MARGINATUS (MOUNTAIN BROME)	4
FESTUCA IDAHOENIS (IDAHO FESCUE)	1
POO SECUNDA (SANDBERG BLUEGRASS)	1
TOTAL	12 LBS./AC



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REVISION	BY	DATE		
DESIGNED BY: G. BANISTER			JOB NUMBER: 77-54	DATE: 2023
DRAWN BY: L. WILLHITE			ACAD FILE: 77-54-PH1-C-103.dwg	
REVIEWED BY: A. LINDSEY			COPYRIGHT 2023 BY ANDERSON PERRY & ASSOC., INC.	











PENDLETON, OREGON
HIGHWAY 11 TO HIGHWAY 30
CONNECTOR ROAD - PHASE I

EROSION AND SEDIMENT CONTROL
PLAN STA. K21+00 TO STA. K31+00

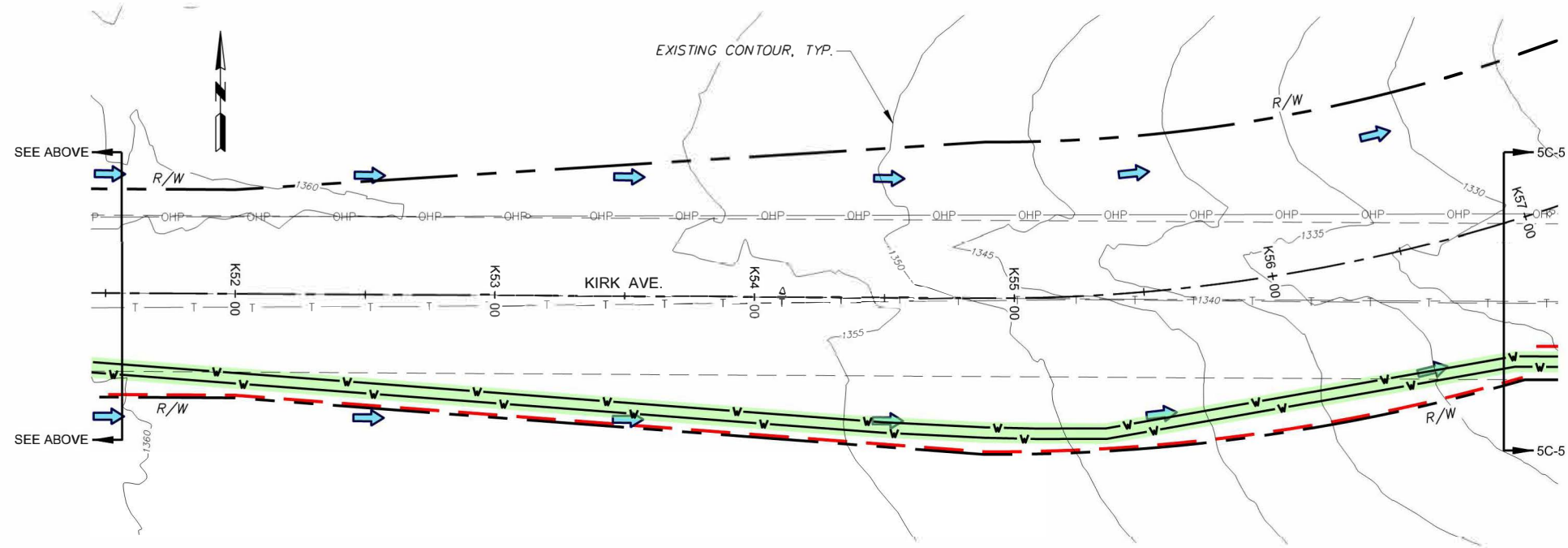
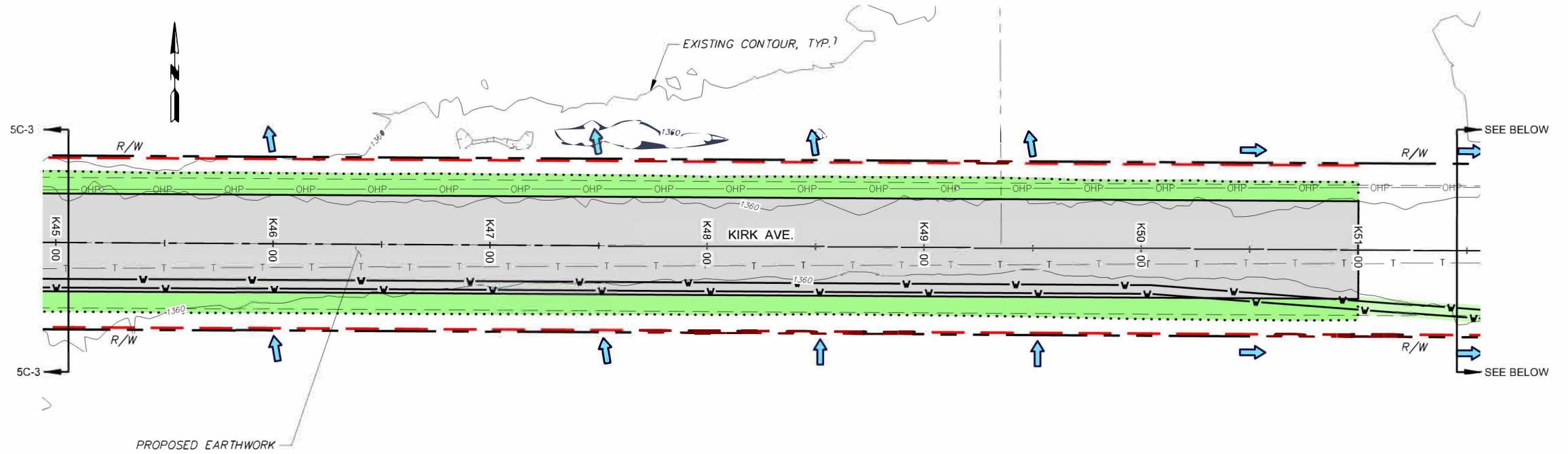
SHEET
C-103
12 OF 17

LEGEND

-  STRAW WATTLE
-  PROPOSED WATER LINE
-  STABILIZED CONSTRUCTION ENTRANCE
-  DRAINAGE FLOW DIRECTION
-  CONCRETE WASHOUT
-  INLET PROTECTION
-  CHECK DAM
-  FINAL LANDSCAPING AND SITE STABILIZATION

NOTE:
FINAL LANDSCAPING AND SITE STABILIZATION AREAS INDICATED ON SHEET C-101 TO C-105 SHALL BE SEEDED ACCORDING TO TABLE BELOW.

SPECIES	SEEDING RATE LBS./AC
ELYMUS LANCEOLATUR (THICKSPIKE WHEATGRASS)	2
ELYMUS TRACKYCAULUS (SLENDER WHEATGRASS)	2
ELYMUS GLAUCUS (BLUE WLD RYE)	2
BROMUS MARGINATUS (MOUNTAIN BROME)	4
FESTUCA IDAHOENIS (IDAHO FESCUE)	1
POO SECUNDA (SANDBERG BLUEGRASS)	1
TOTAL	12 LBS./AC



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REVISION		BY	DATE
DESIGNED BY: G. BANISTER		JOB NUMBER: 77-54	DATE: 2023
DRAWN BY: L. WILLHITE		ACAD FILE: 77-54-PH1-C-104.dwg	
REVIEWED BY: A. LINDSEY		COPYRIGHT 2023 BY ANDERSON PERRY & ASSOC., INC.	


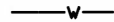








PENDLETON, OREGON
HIGHWAY 11 TO HIGHWAY 30
CONNECTOR ROAD - PHASE I

EROSION AND SEDIMENT CONTROL
PLAN STA. K31+00 TO STA. K40+50

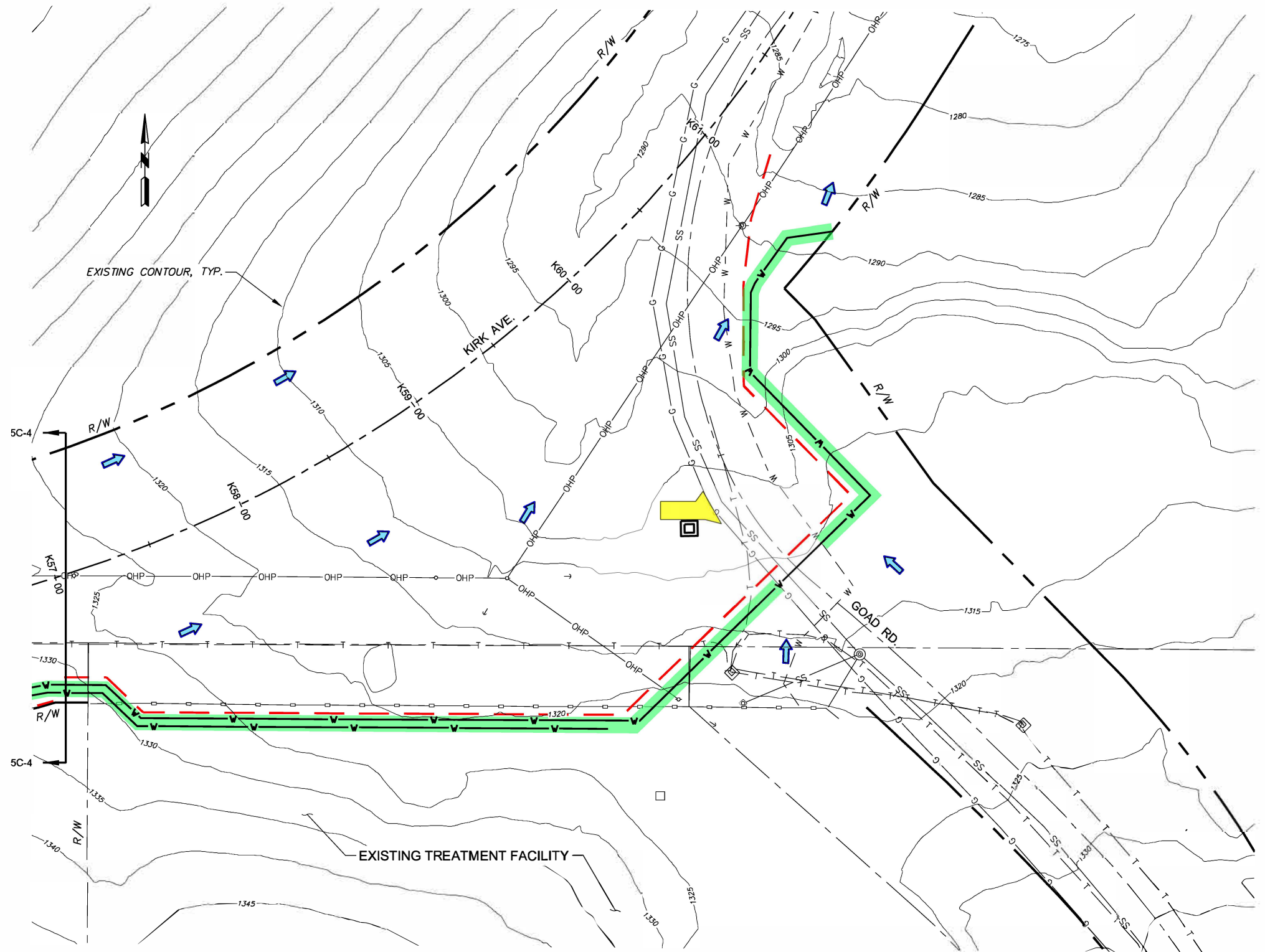
SHEET
C-104
13 OF 17

LEGEND

-  STRAW WATTLE
-  PROPOSED WATER LINE
-  STABILIZED CONSTRUCTION ENTRANCE
-  DRAINAGE FLOW DIRECTION
-  CONCRETE WASHOUT
-  INLET PROTECTION
-  CHECK DAM
-  FINAL LANDSCAPING AND SITE STABILIZATION

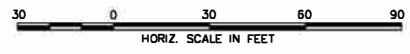
NOTE:
FINAL LANDSCAPING AND SITE STABILIZATION AREAS INDICATED ON SHEET C-101 TO C-105 SHALL BE SEEDED ACCORDING TO TABLE BELOW.

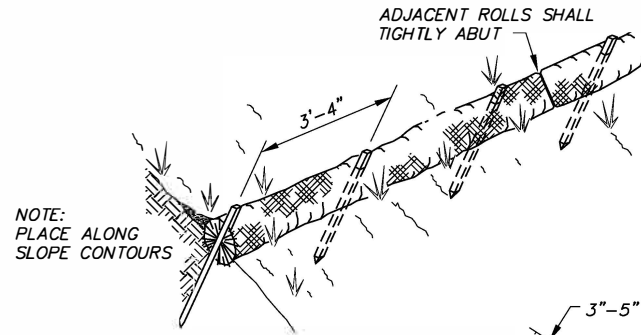
SPECIES	SEEDING RATE LBS./AC
ELYMUS LANCEOLATUR (THICKSPIKE WHEATGRASS)	2
ELYMUS TRACKYCAULUS (SLENDER WHEATGRASS)	2
ELYMUS GLAUCUS (BLUE WLD RYE)	2
BROMUS MARGINATUS (MOUNTAIN BROME)	4
FESTUCA IDAHOENIS (IDAHO FESCUE)	1
POO SECUNDA (SANDBERG BLUEGRASS)	1
TOTAL	12 LBS./AC



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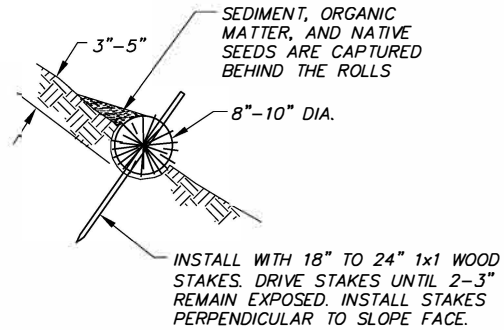


 HORIZ. SCALE IN FEET			PENDLETON, OREGON HIGHWAY 11 TO HIGHWAY 30 CONNECTOR ROAD - PHASE I	SHEET C-105
REVISION: _____ BY: _____ DATE: _____ DESIGNED BY: G. BANISTER DRAWN BY: L. WILLHITE REVIEWED BY: A. LINDSEY	JOB NUMBER: 77-54 DATE: 2023 ACAD FILE: 77-54-PH1-C-105.dwg COPYRIGHT 2023 BY ANDERSON PERRY & ASSOC., INC.		EROSION AND SEDIMENT CONTROL PLAN STA. K40+50 TO STA. K48+00	14 OF 17



SLOPE	SPACING
> 1:1	5'
2:1 - 1:1	10'
4:1 - 2:1	20'
6:1 - 4:1	25'
< 6:1	30'

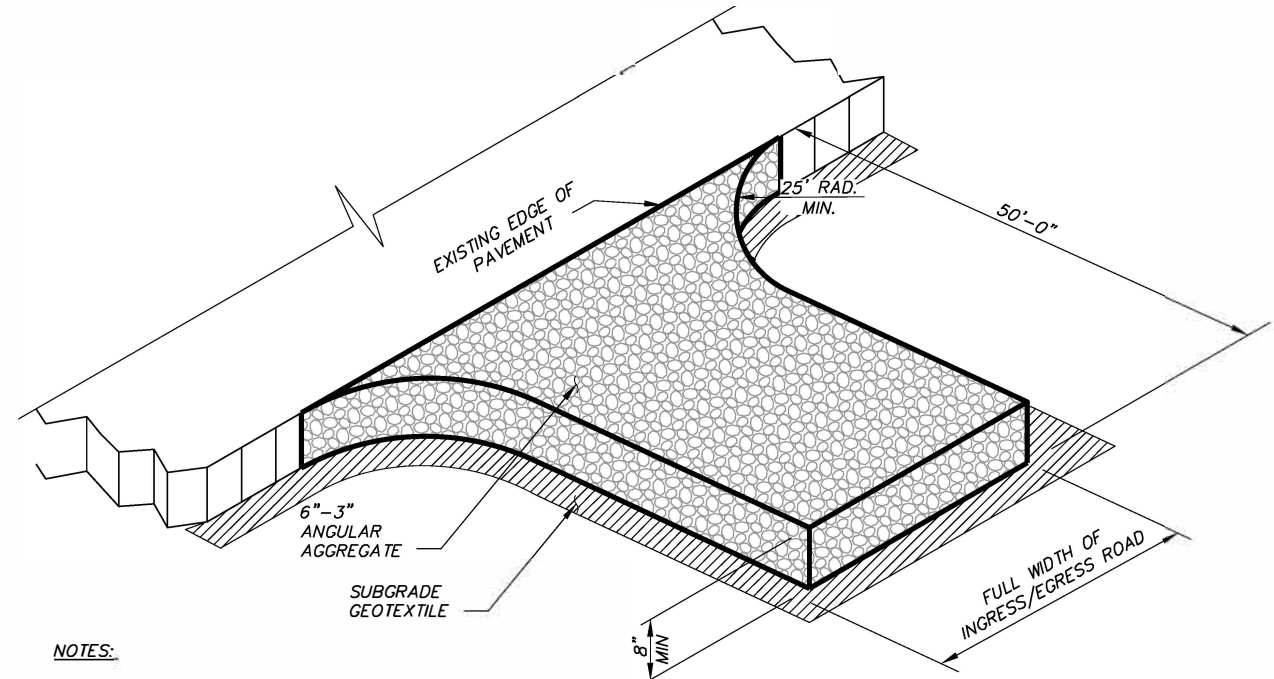
NOTE:
STRAW ROLL INSTALLATION REQUIRES THE PLACEMENT AND SECURE STAKING OF THE ROLL IN A TRENCH, 3"-5" DEEP, DUG ON CONTOUR. RUNOFF MUST NOT BE ALLOWED TO RUN UNDER OR AROUND ROLL.



STRAW WATTLE
N.T.S.

EROSION CONTROL GENERAL NOTES

1. INSTALL SEDIMENTATION CONTROL FACILITIES SHOWN ON THE DRAWINGS PRIOR TO PERFORMING CONSTRUCTION ACTIVITIES.
2. PERFORM REQUIRED MAINTENANCE ON THE SEDIMENTATION CONTROL FACILITIES ON A REGULAR BASIS DURING CONSTRUCTION IN ORDER TO MAINTAIN THE SEDIMENT CAPTURING AND FILTRATION CAPACITY OF THE FACILITIES. THIS SHALL INCLUDE BUT NOT BE LIMITED TO REMOVING SEDIMENT BUILD UP AS REQUIRED BY THE ENGINEER, REPAIRING AND/OR REPLACING DAMAGED FACILITIES AS NEEDED, REGULAR INSPECTION OF FACILITIES FOR GAPS, HOLES OR LOSS OF CONTROL FACILITIES AND REPLACEMENTS AS REQUIRED, AND INSPECTION, REPLACEMENT, REPAIR, ETC. AFTER PRECIPITATION EVENTS. THE INTEGRITY OF THE SEDIMENTATION CONTROL FACILITIES SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL CONSTRUCTION IS COMPLETED WITHIN THE COVERAGE OF THE SEDIMENTATION CONTROL FACILITY.
3. UNLESS REQUIRED OTHERWISE, ONCE CONSTRUCTION IS COMPLETED WITHIN THE COVERAGE OF THE SEDIMENTATION CONTROL FACILITIES, REMOVE ALL SEDIMENT BUILD UP AND DISPOSE OF SEDIMENT AS REQUIRED BY THE ENGINEER. THE CONTRACTOR SHALL ALSO REMOVE AND DISPOSE OF SEDIMENTATION CONTROL FACILITIES OFF SITE. THE AREA OF REMOVAL SHALL THEN BE RESTORED TO MATCH ADJACENT GRADES AND NATURAL SURFACE RESTORATION PERFORMED.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY ADJUSTMENTS TO THE LOCATION OF SEDIMENTATION CONTROL FACILITIES AS REQUIRED IN ORDER TO PERFORM OTHER CONSTRUCTION ACTIVITIES IN CONFLICT. THE CONTRACTOR WILL ALSO BE RESPONSIBLE FOR RELOCATING SEDIMENTATION CONTROL FACILITIES TO THEIR ORIGINAL POSITION IF REQUIRED ONCE CONFLICTING CONSTRUCTION IS COMPLETED.
5. CONTRACTOR SHALL CONSTRUCT TEMPORARY CONSTRUCTION ENTRANCES AS REQUIRED TO PREVENT TRACKING OF MUD OR OTHER CONSTRUCTION DEBRIS ONTO EXISTING STREETS AND NEWLY PAVED AREAS.
6. THE CONTRACTOR SHALL ERECT AND MAINTAIN A CONCRETE WASHOUT FACILITY THROUGHOUT THE DURATION OF THE PROJECT.
7. WATER THE SITE AS REQUIRED TO CONTROL WIND BLOWN DUST. PROVISIONS SHALL BE IN PLACE TO WATER THE SITE ON WEEKENDS AND HOLIDAYS SHOULD THE NEED ARISE. THE CONTRACTOR SHALL PROVIDE FLEET DEVELOPMENT, LLC WITH A CONTACT NAME AND PHONE NUMBER TO RECEIVE AND RESPOND TO BLOWING DUST COMPLAINTS DURING WORK AND OFF WORK HOURS.
8. ROUTINE MAINTENANCE INCLUDES REMOVING SEDIMENT BEHIND THE STRAW WATTLE BEFORE IT HAS ACCUMULATED TO ONE-THIRD OF THE ABOVE GROUND HEIGHT OF THE WATTLE.

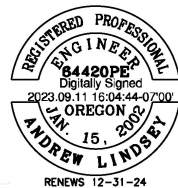


NOTES:

1. USE WHERE ACCESSING PAVED ROADS AS REQUIRED TO PREVENT TRACKING.
2. CONSTRUCTION ENTRANCES SHALL BE INSTALLED AT THE BEGINNING OF CONSTRUCTION AND MAINTAINED FOR THE ENTIRE DURATION OF THE PROJECT. ADDITIONAL MEASURES INCLUDING, BUT NOT LIMITED TO STREET SWEEPING AND VACUUMING MAY BE REQUIRED TO ENSURE THAT ALL PAVED AREAS ARE KEPT CLEAN FOR THE DURATION OF THE PROJECT.

CONSTRUCTION ENTRANCE
N.T.S.

X:\Clients\Pendleton OR\77-54 Hwy 11 to Good Rd Connector\CAD\77-54-PH1-C-501.dwg, Layout1, 9/11/2023 2:17 PM, smagner



REVISION	BY	DATE	JOB NUMBER	DATE
DESIGNED BY	G. BANISTER		77-54	2023
DRAWN BY	L. WILLHITE		ACAD FILE:	77-54-PH1-C-501.dwg
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PENDLETON, OREGON
HIGHWAY 11 TO HIGHWAY 30
CONNECTOR ROAD - PHASE I

**EROSION AND SEDIMENT CONTROL
DETAILS I**

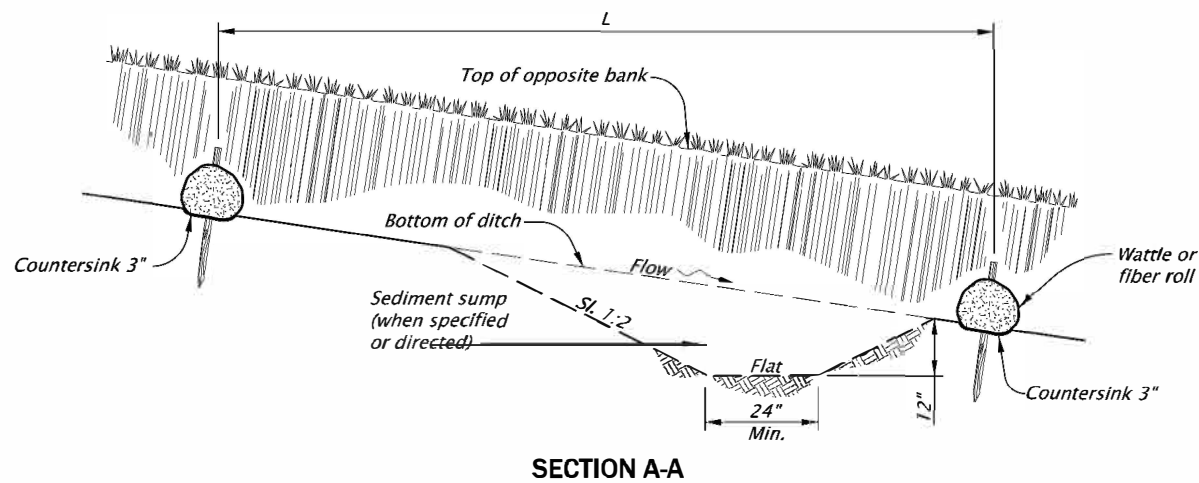
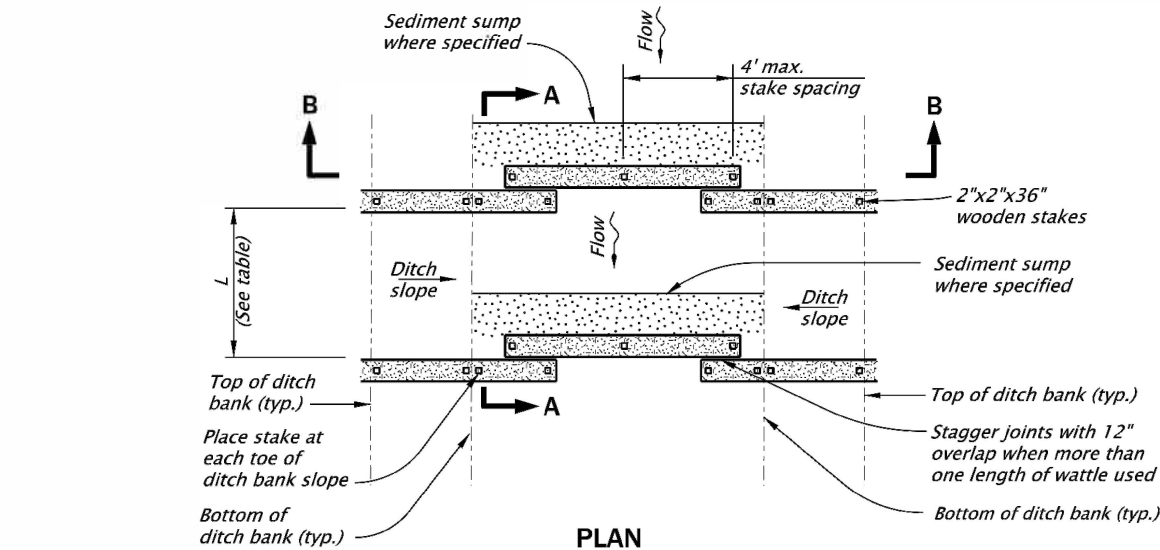
SHEET

C-501

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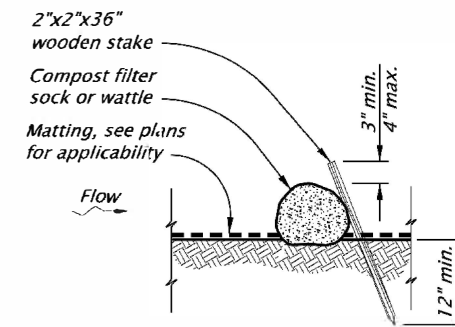
MAXIMUM CHECK DAM SPACING "L"				
Ditch Grade	H=8"	H=12"	H=18"	H=24"
10%	**	**	15'	20'
9%	**	**	16'	22'
8%	**	**	18'	25'
7%	**	**	21'	28'
6%	**	16'	25'	33'
5%	**	20'	30'	40'
4%	16'	25'	37'	50'
3%	22'	33'	50'	66'
2%	33'	50'	75'	100'

** Not allowed H = Min. dam height

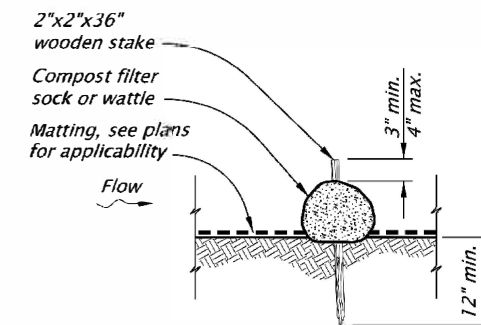


WATTLE / FIBER ROLL CHECK DAM DETAIL

TYPE 2
N.T.S.



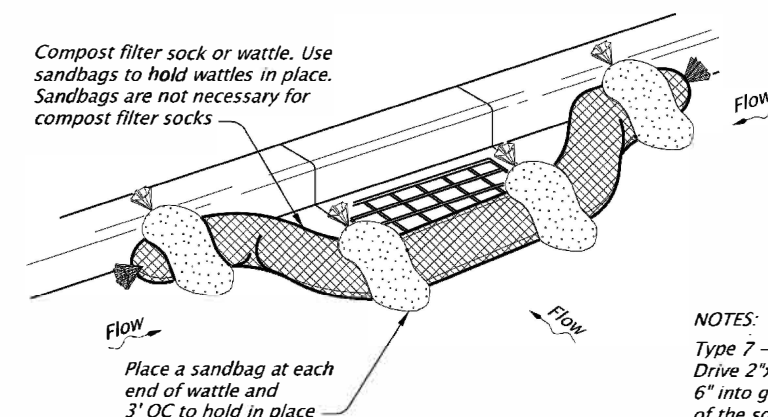
ALTERNATIVE 1



ALTERNATIVE 2

FIBER ROLL AND COMPOST SOCK STAKING ALTERNATIVES DETAIL

N.T.S.



CURB INLET PERSPECTIVE VIEW

NOTES:

- Type 7 - Compost filter sock
- Drive 2"x2" wood stakes a minimum of 6" into ground and flush with the top of the sock.
- Overlap ends of sock per manufacturers recommendations (12" min., 36" max.).
- Use 8" to 12" dia sock on curbside in traffic areas.
- Use 12" to 18" dia sock in non-traffic areas or areas where the larger socks can be used safely.
- Use synthetic mesh socks for temporary installations.

COMPOST FILTER SOCK OR WATTLE DETAIL

TYPE 7
N.T.S.



REVISION	BY	DATE	JOB NUMBER	DATE
DESIGNED BY	G. BANISTER		77-54	2023
DRAWN BY	L. WILLHITE		ACAD FILE:	77-54-PH1-C-502.dwg
REVIEWED BY	A. LINDSEY		COPYRIGHT 2023 BY ANDERSON PERRY & ASSOC., INC.	



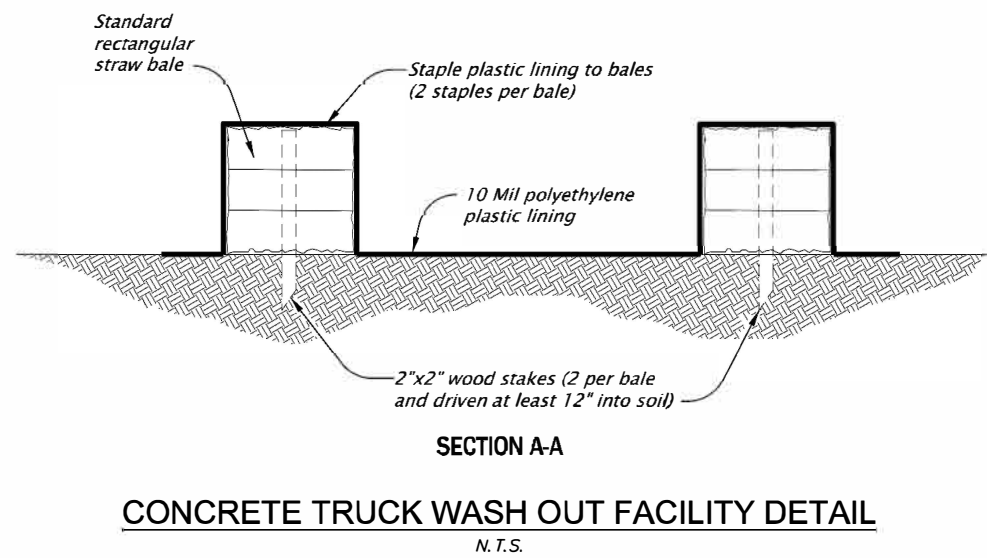
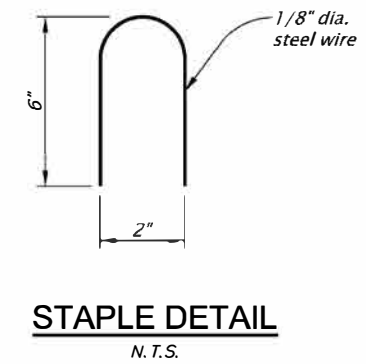
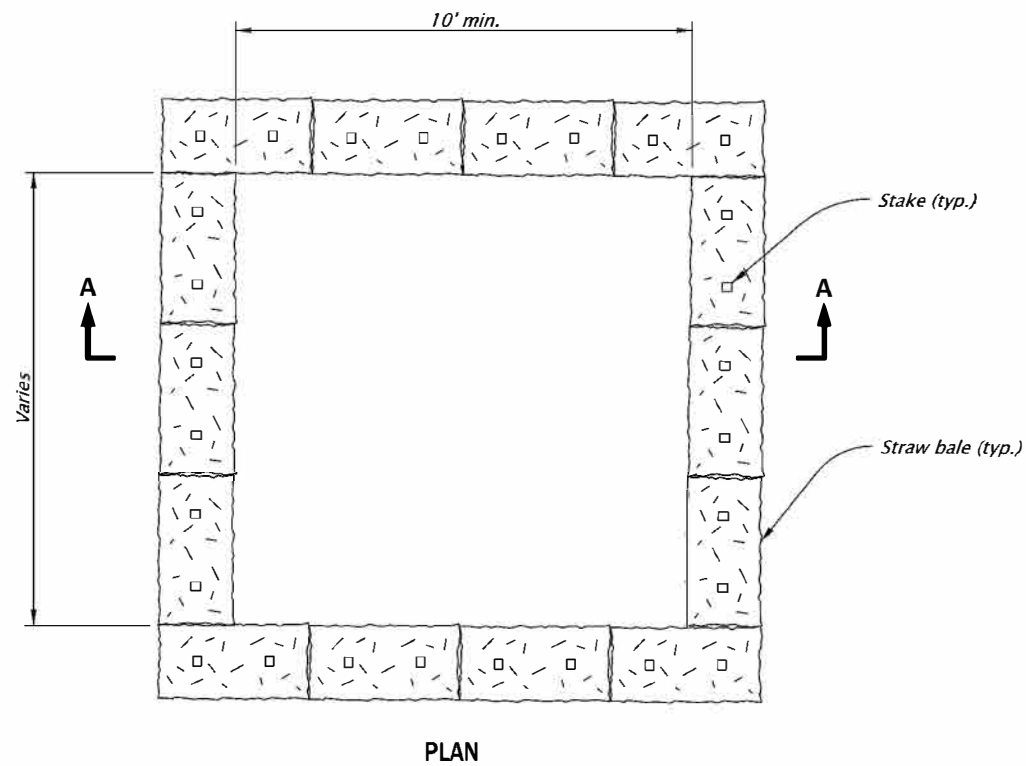
PENDLETON, OREGON
HIGHWAY 11 TO HIGHWAY 30
CONNECTOR ROAD - PHASE I

EROSION AND SEDIMENT CONTROL
DETAILS II

SHEET

C-502

16 OF 17



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REVISION	BY	DATE	JOB NUMBER	DATE
DESIGNED BY	G. BANISTER		77-54	2023
DRAWN BY	L. WILLHITE		ACAD FILE:	77-54-PH1-C-503.dwg
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PENDLETON, OREGON
HIGHWAY 11 TO HIGHWAY 30
CONNECTOR ROAD - PHASE I

EROSION AND SEDIMENT CONTROL
DETAILS III

SHEET

C-503

17 OF 17